

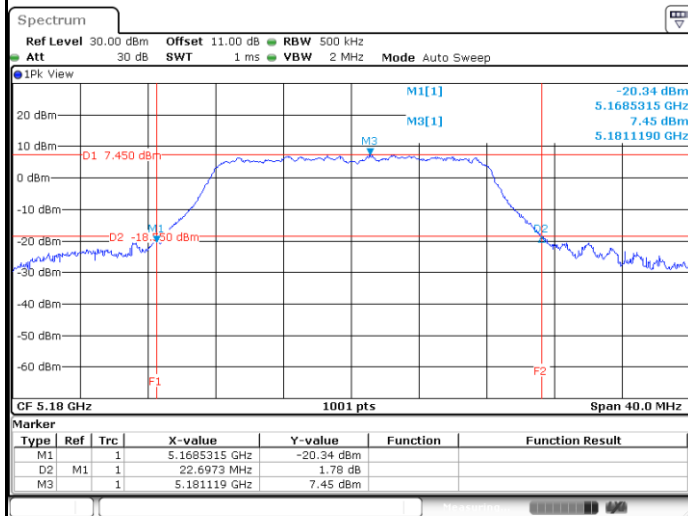
Appendix A: Test Results of Conducted Test

Test Result of 26 dB Bandwidth

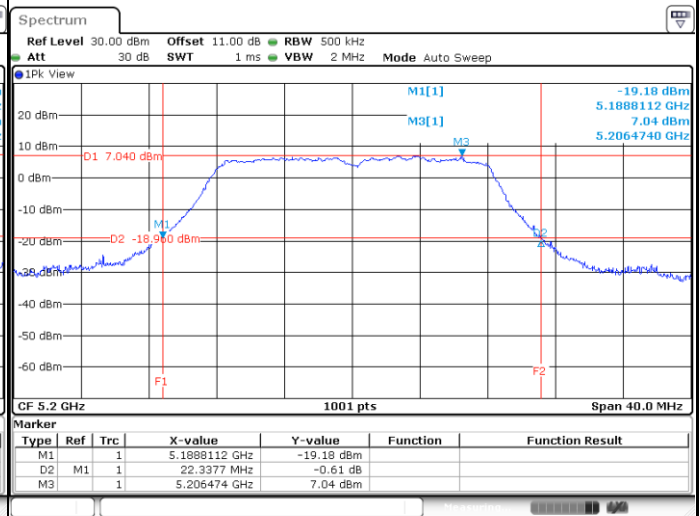
802.11a

Band	Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
U-NII-1	36	5180	22.70
	40	5200	22.34
	48	5240	22.18
U-NII-2A	52	5260	22.34
	60	5300	22.10
	64	5320	22.22
U-NII-2C	100	5500	22.34
	116	5580	22.66
	140	5700	27.49
	144	5720	17.35

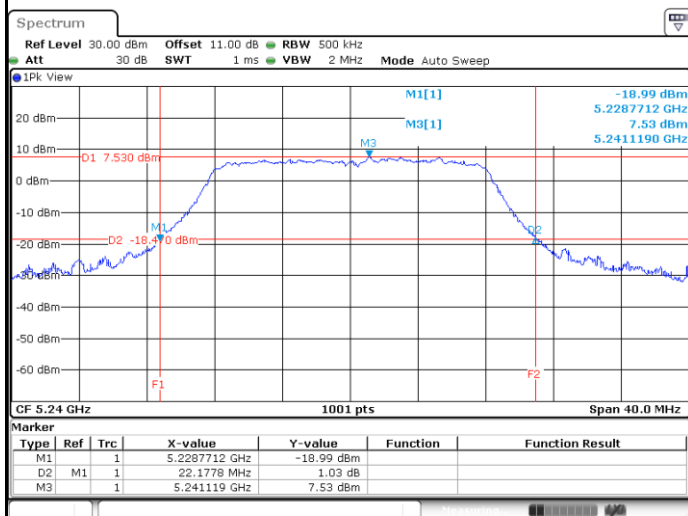
11A-Channel 36

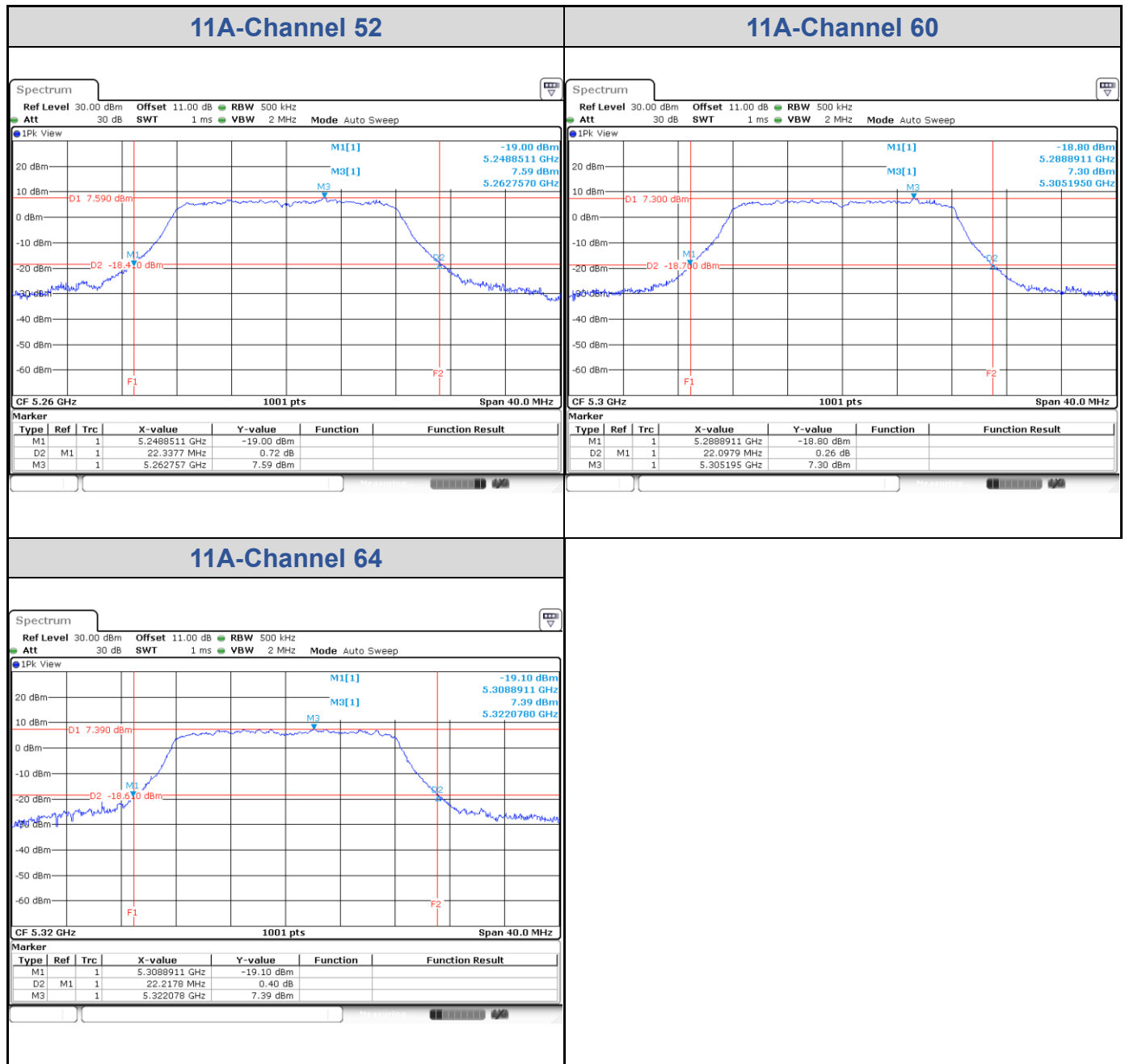


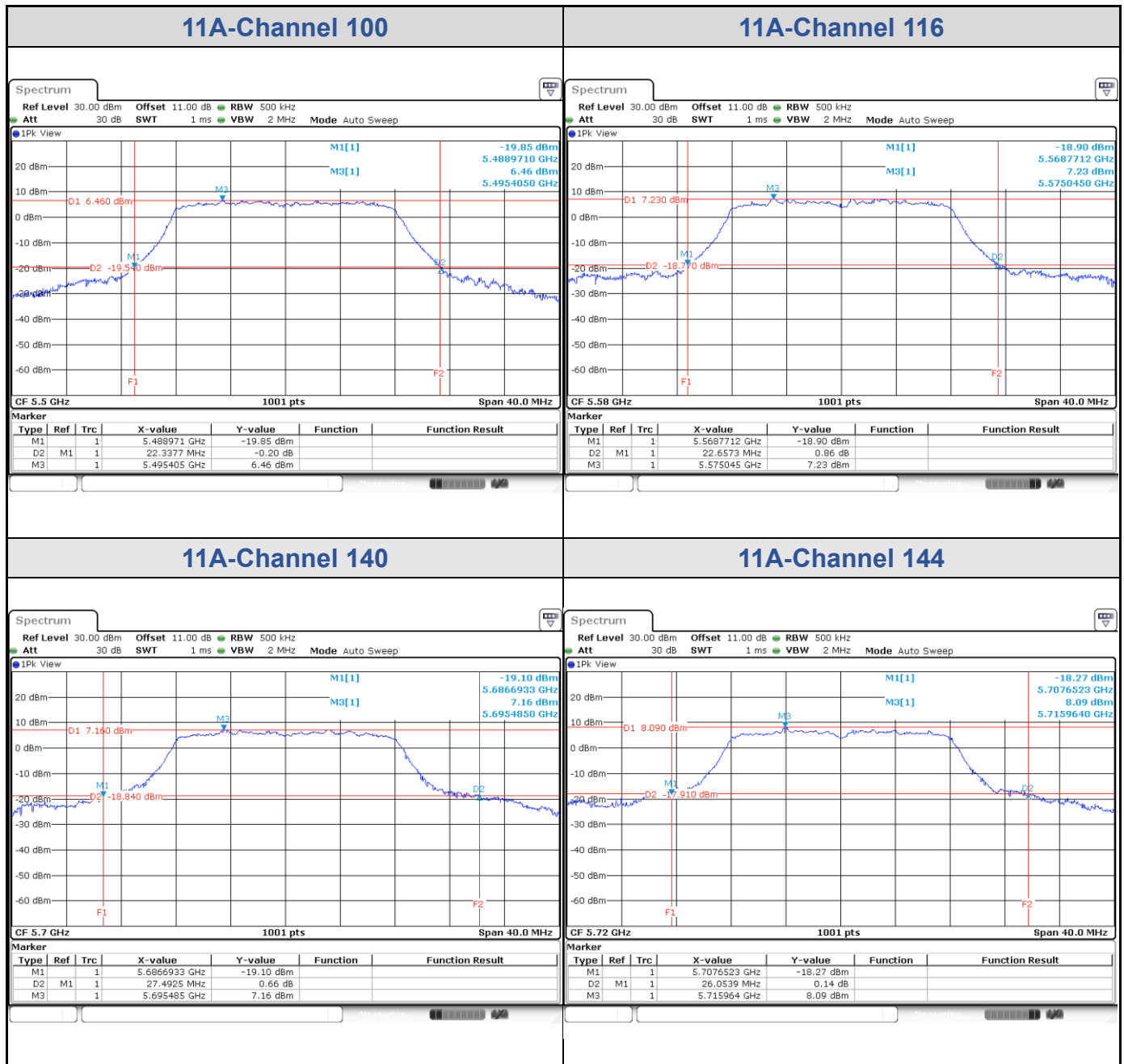
11A-Channel 40



11A-Channel 48





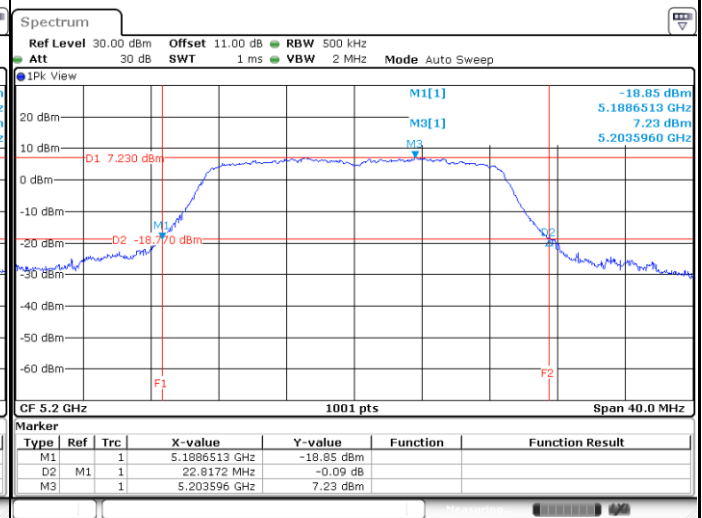
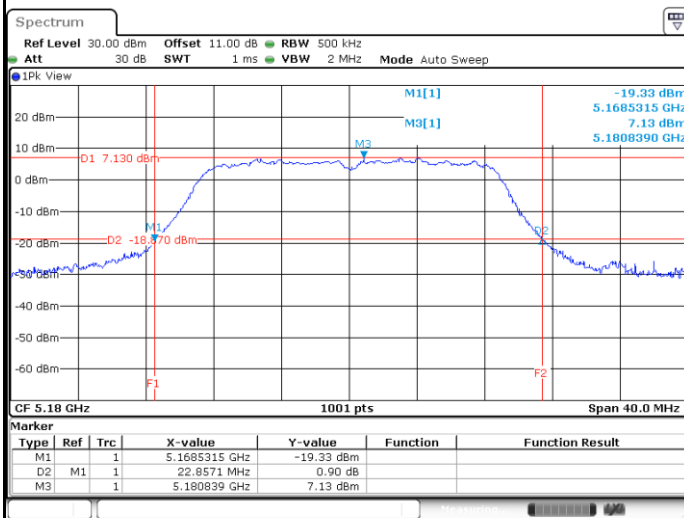


802.11n HT20

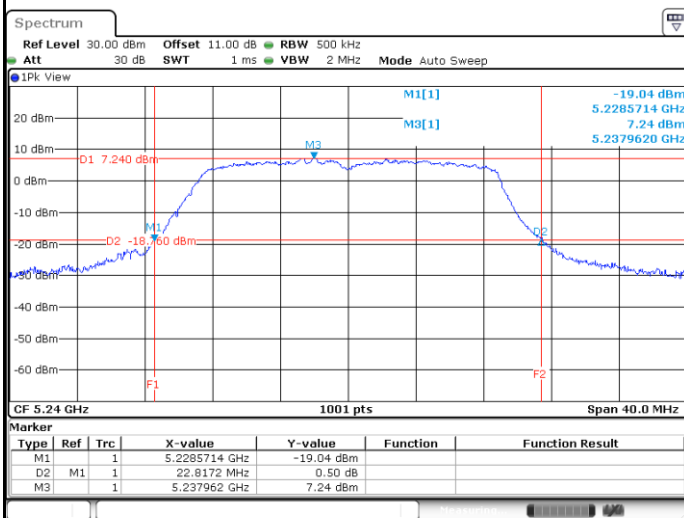
Band	Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
U-NII-1	36	5180	22.86
	40	5200	22.82
	48	5240	22.82
U-NII-2A	52	5260	23.14
	60	5300	22.94
	64	5320	22.98
U-NII-2C	100	5500	22.78
	116	5580	24.10
	140	5700	29.37
	144	5720	18.63

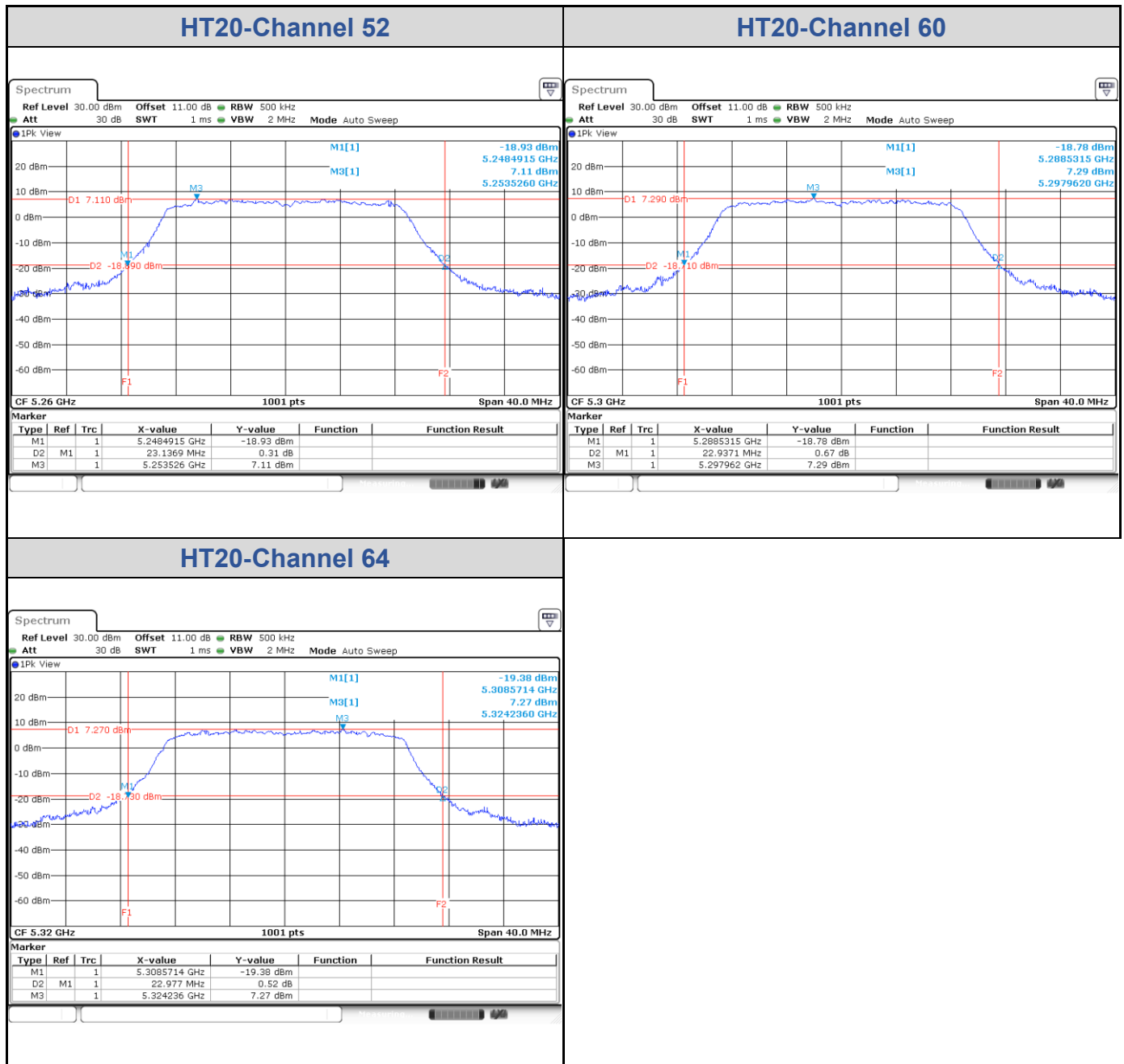
HT20-Channel 36

HT20-Channel 40



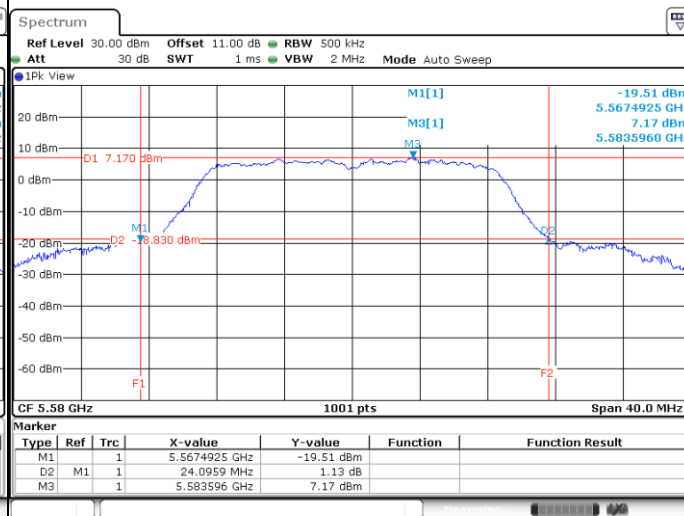
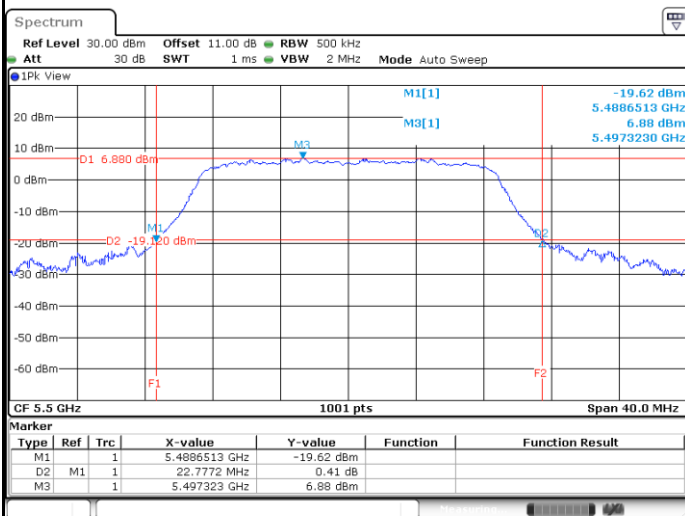
HT20-Channel 48





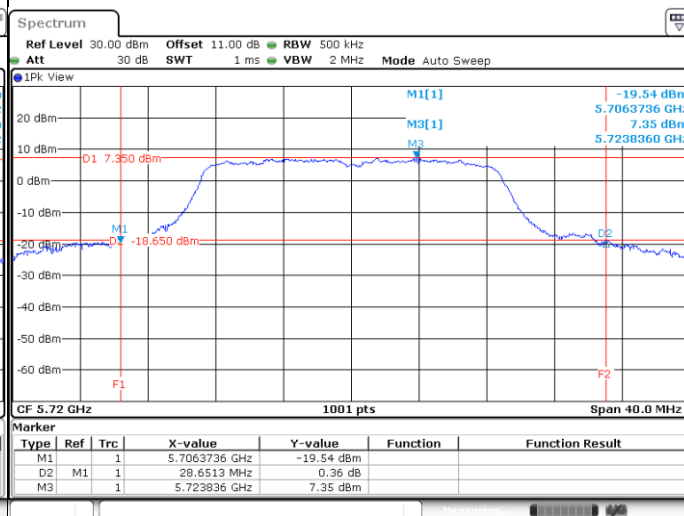
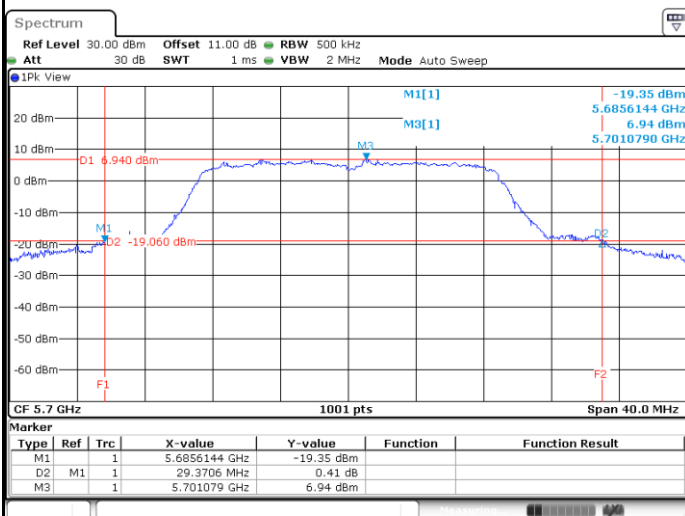
HT20-Channel 100

HT20-Channel 116



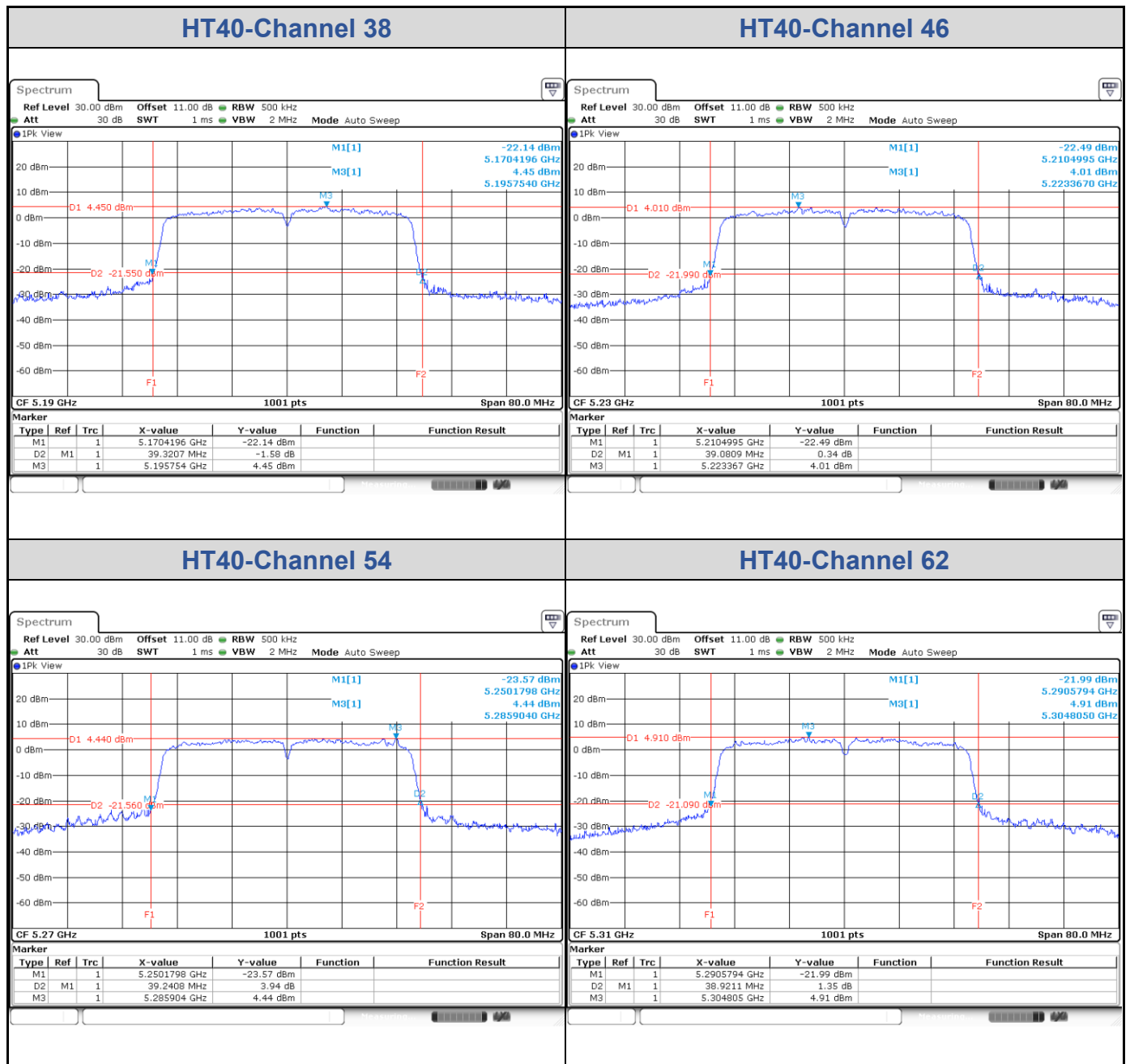
HT20-Channel 140

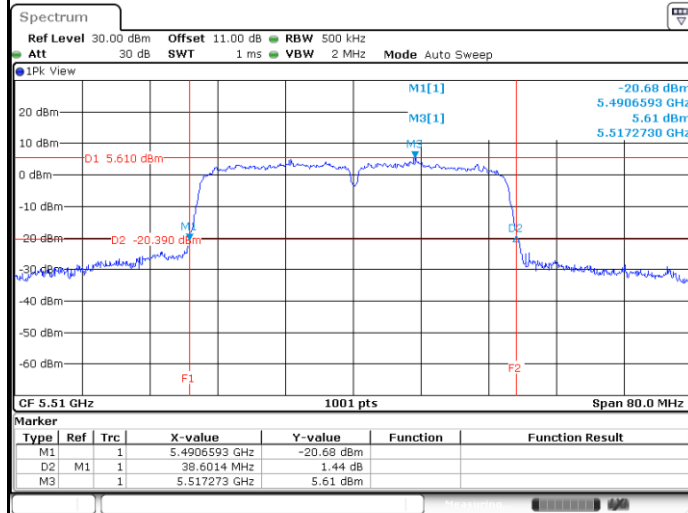
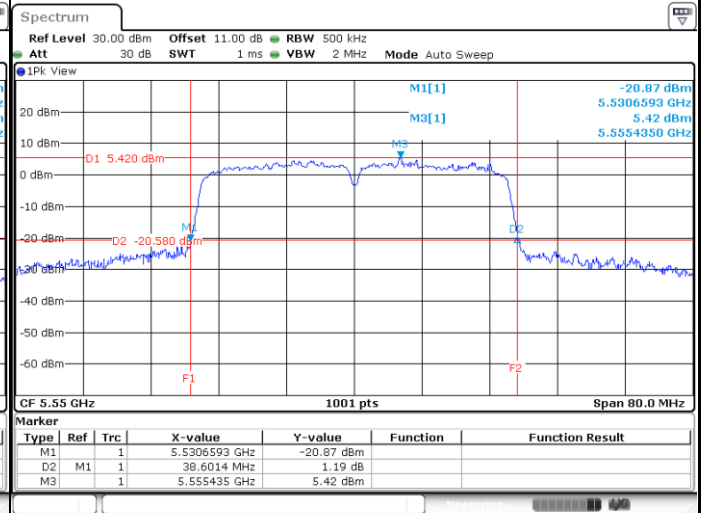
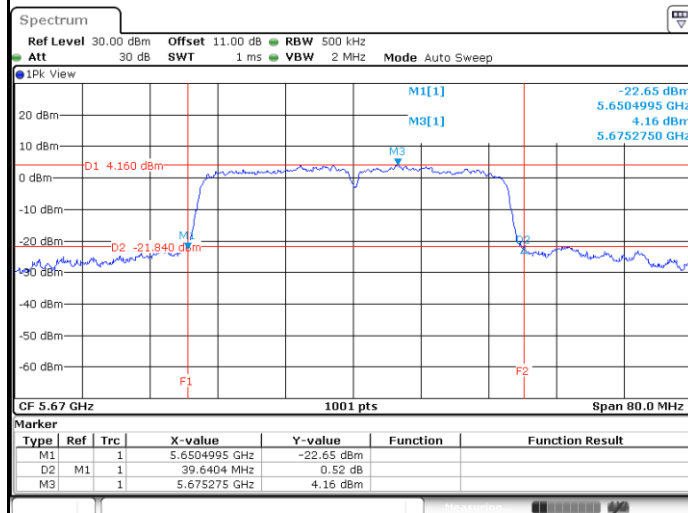
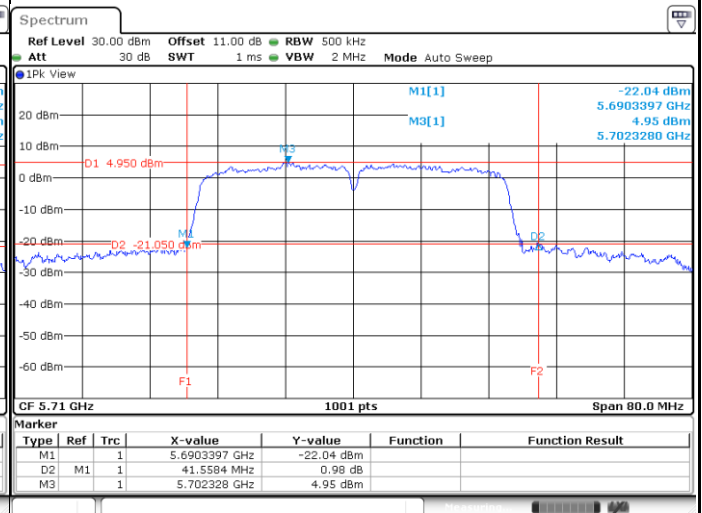
HT20-Channel 144



802.11n HT40

Band	Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
U-NII-1	38	5190	39.32
	46	5230	39.08
U-NII-2A	54	5270	39.24
	62	5310	38.92
U-NII-2C	102	5510	38.60
	110	5550	38.60
	134	5670	39.64
	142	5710	34.66

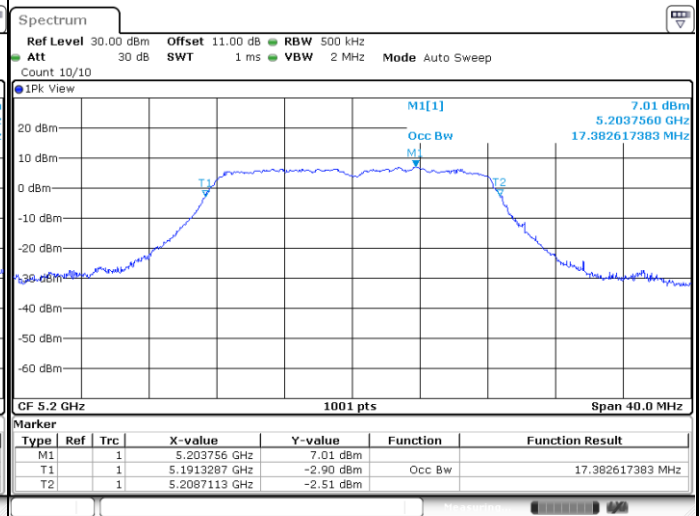
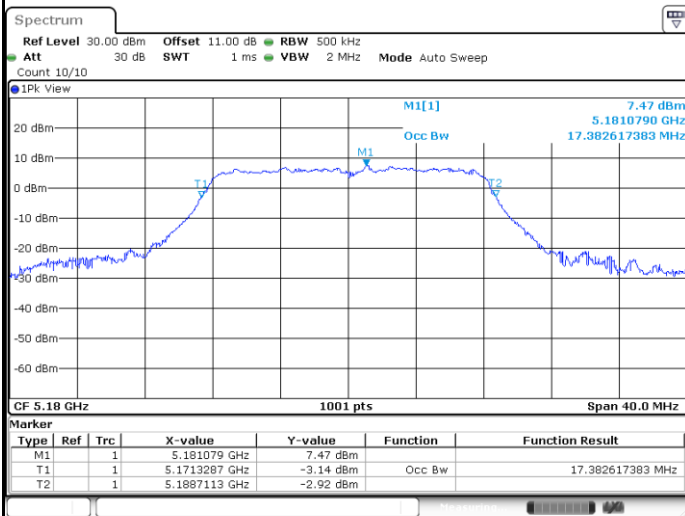
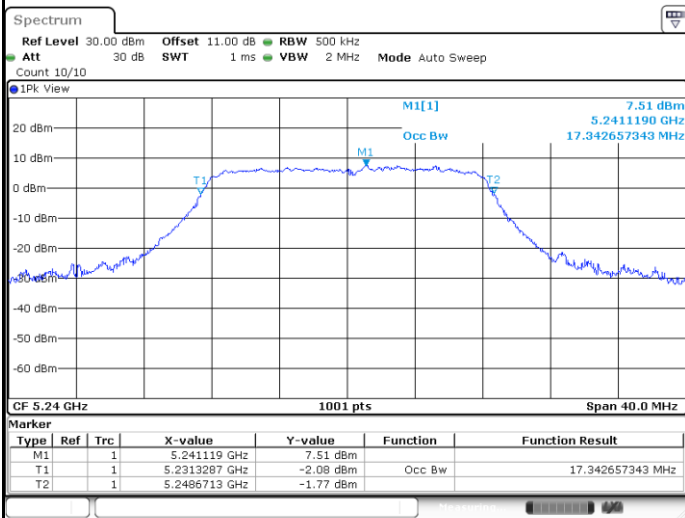


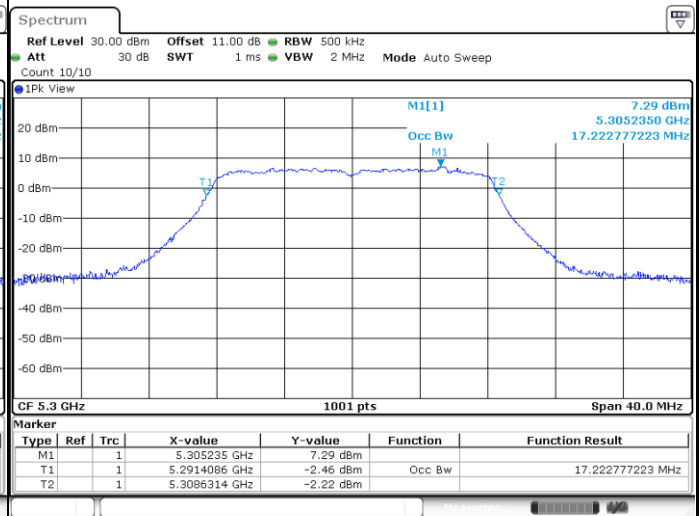
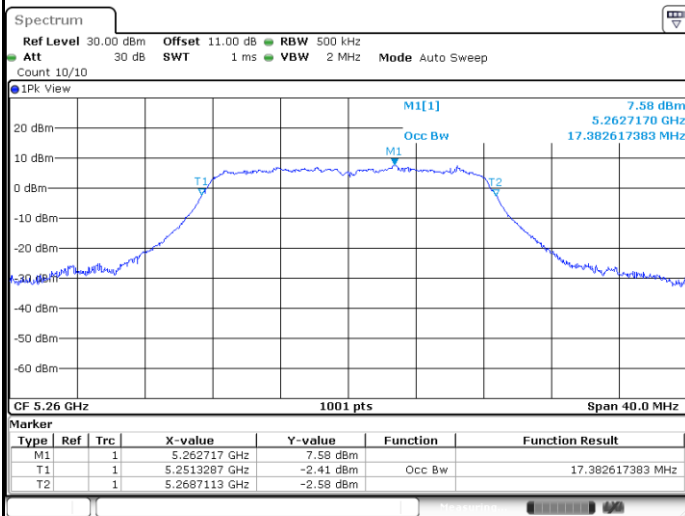
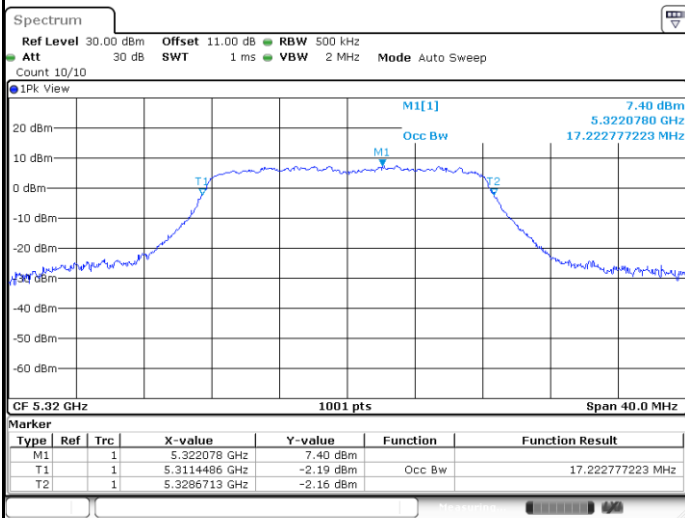
HT40-Channel 102

HT40-Channel 110

HT40-Channel 134

HT40-Channel 134


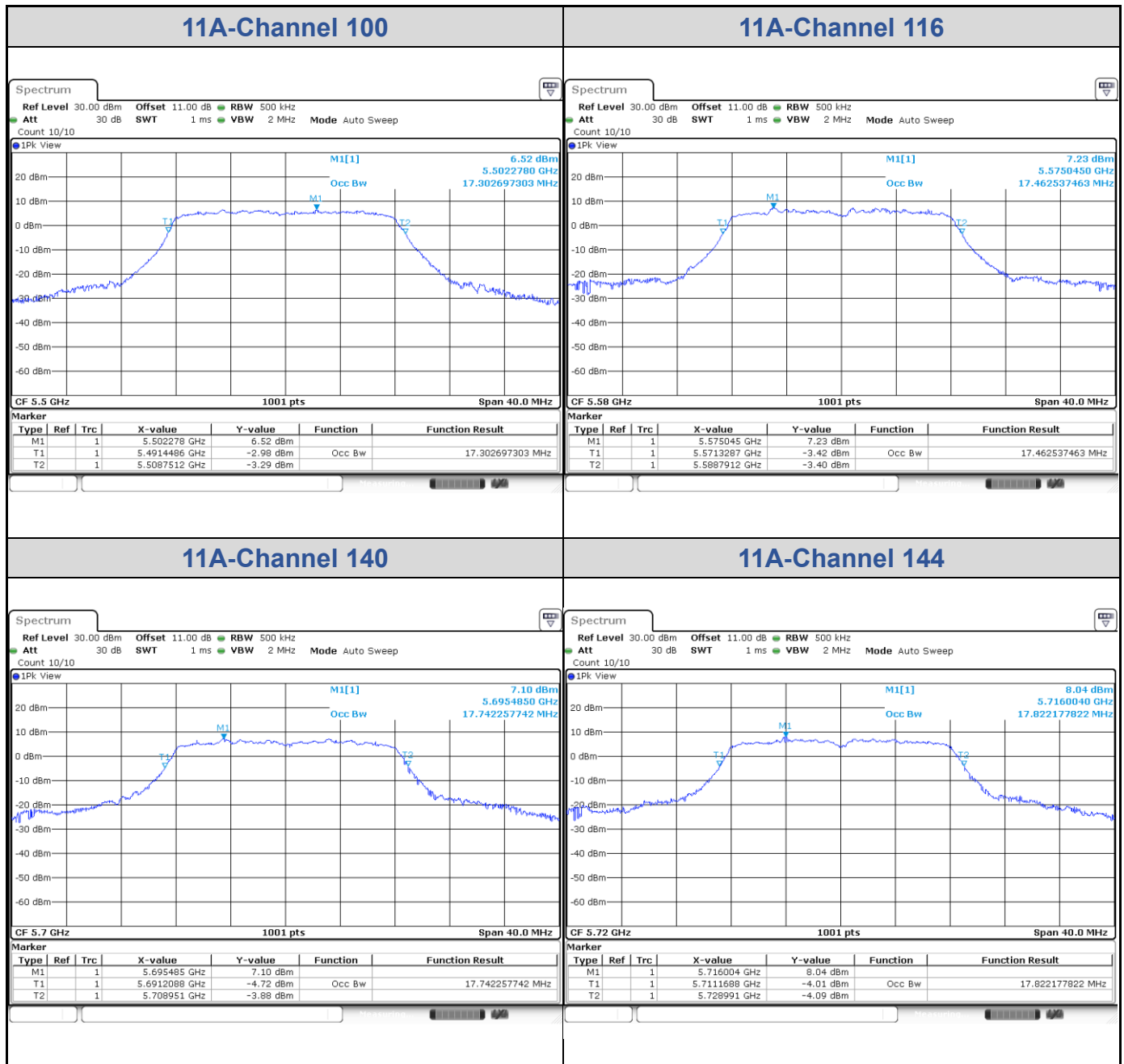
Test Result of 99% Occupied Bandwidth

802.11a

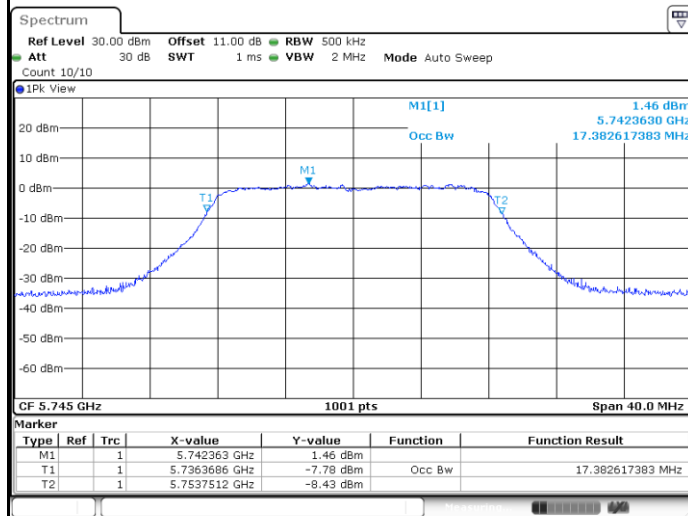
Band	Channel	Frequency (MHz)	99% Bandwidth (MHz)
U-NII-1	36	5180	17.38
	40	5200	17.38
	48	5240	17.34
U-NII-2A	52	5260	17.38
	60	5300	17.22
	64	5320	17.22
U-NII-2C	100	5500	17.30
	116	5580	17.46
	140	5700	17.74
	144	5720	13.83
U-NII-3	144	5720	3.99
	149	5745	17.38
	157	5785	17.30
	165	5825	17.50

11A-Channel 36
11A-Channel 40

11A-Channel 48


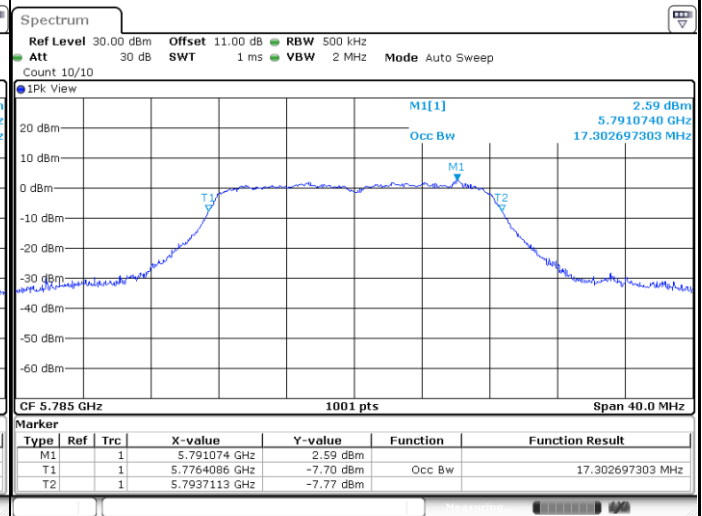
11A-Channel 52
11A-Channel 60

11A-Channel 64




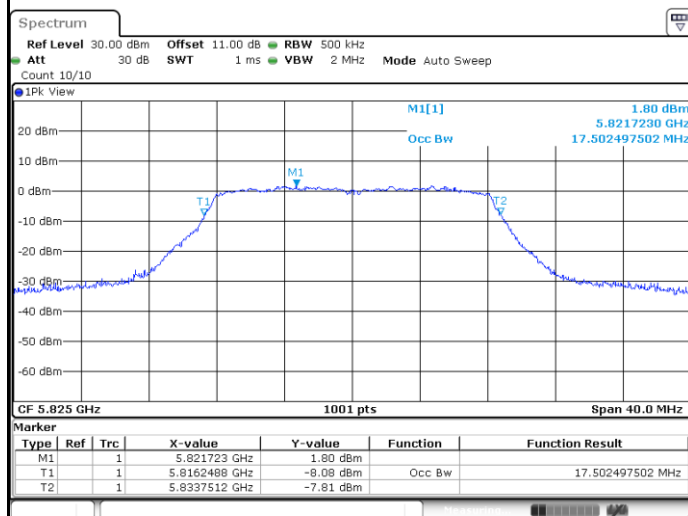
11A-Channel 149



11A-Channel 157



11A-Channel 165

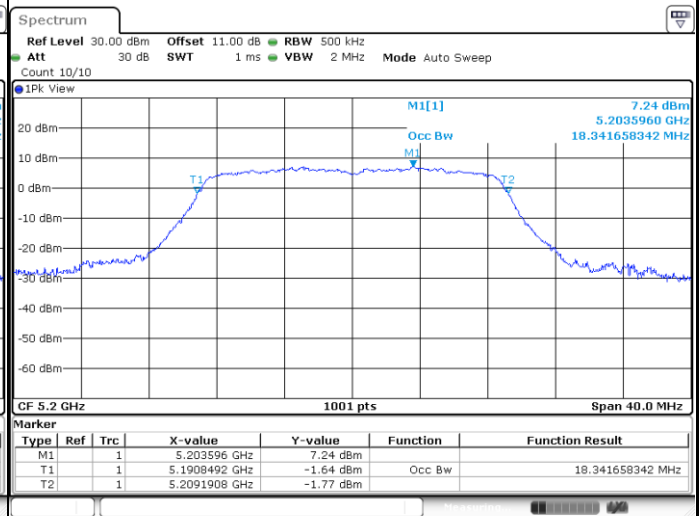
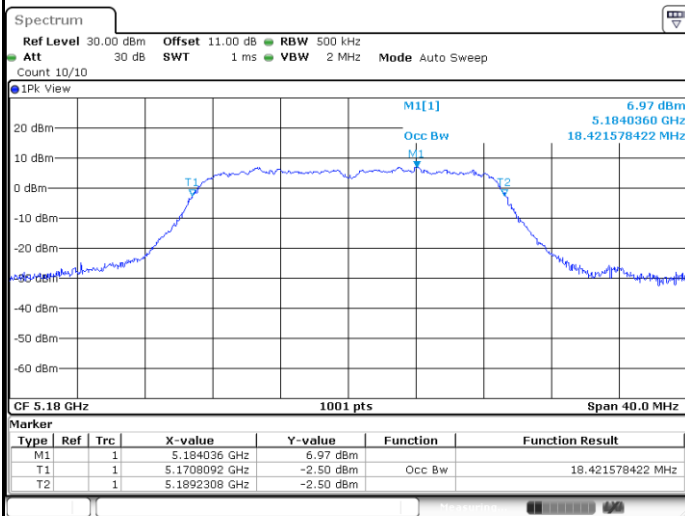


802.11n HT20

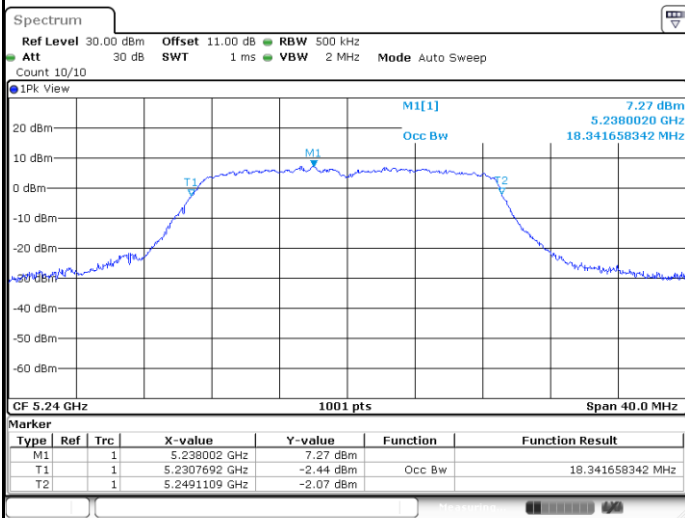
Band	Channel	Frequency (MHz)	99% Bandwidth (MHz)
U-NII-1	36	5180	18.42
	40	5200	18.34
	48	5240	18.34
U-NII-2A	52	5260	18.38
	60	5300	18.38
	64	5320	18.30
U-NII-2C	100	5500	18.22
	116	5580	18.58
	140	5700	18.74
	144	5720	14.15
U-NII-3	144	5720	4.27
	149	5745	18.14
	157	5785	18.30
	165	5825	18.34

HT20-Channel 36

HT20-Channel 40

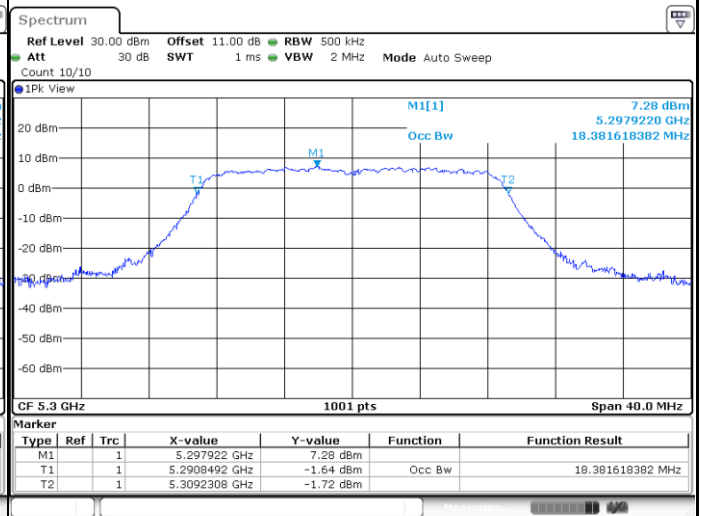
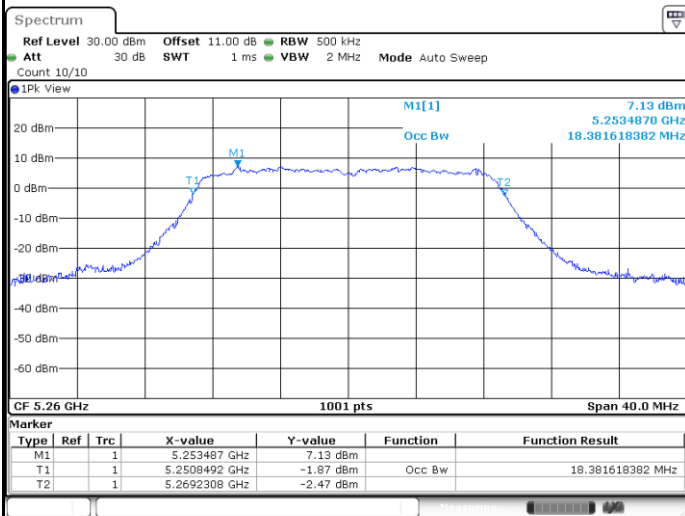


HT20-Channel 48

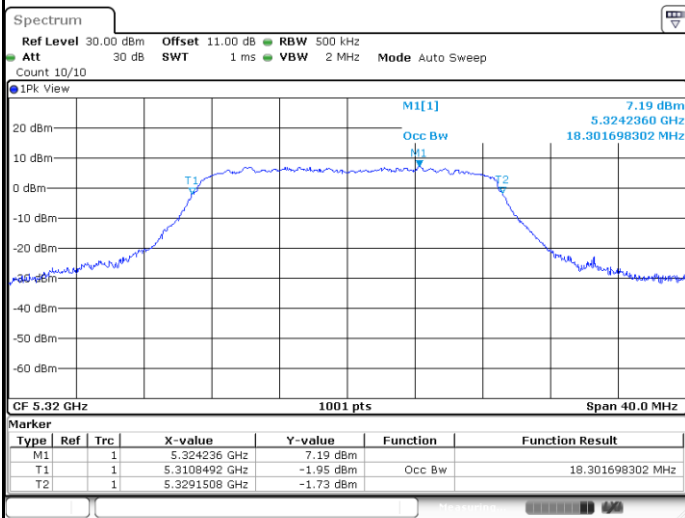


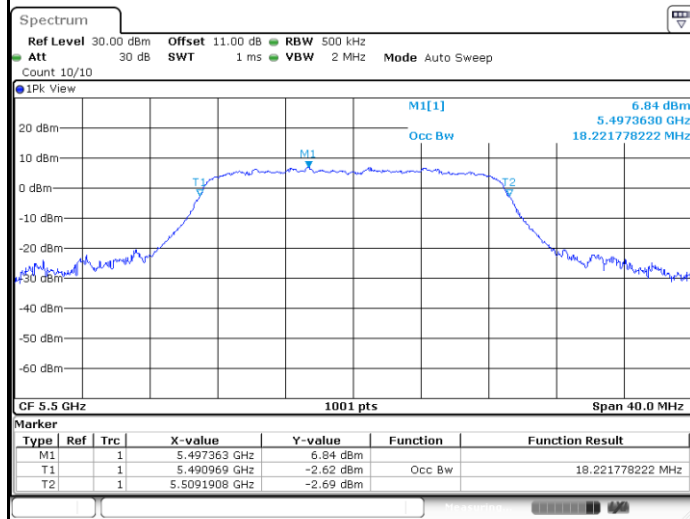
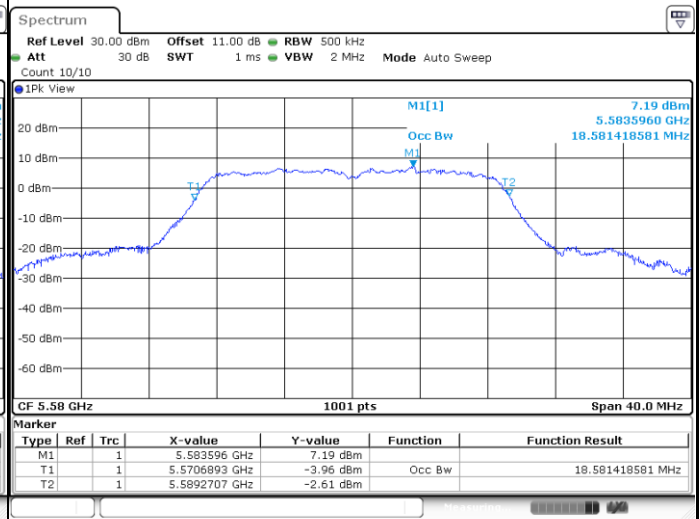
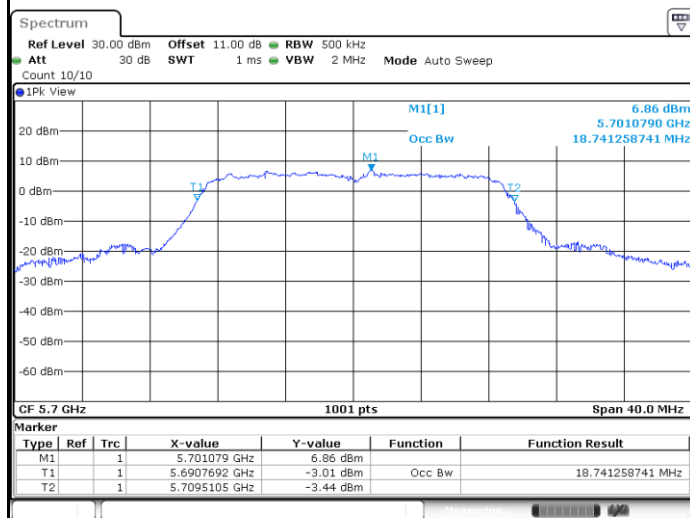
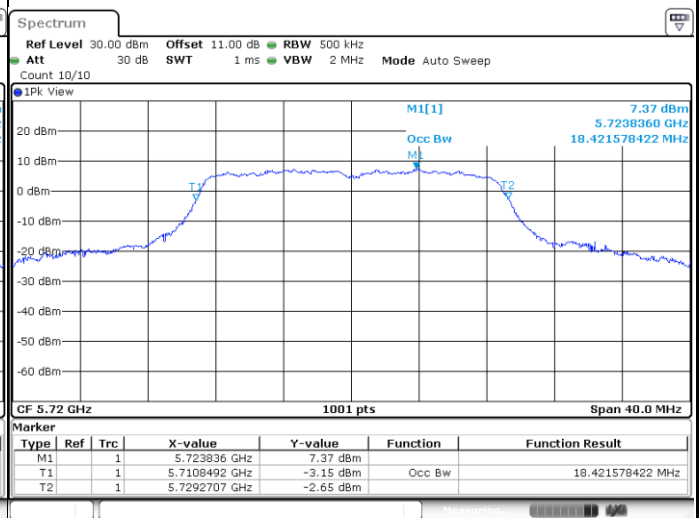
HT20-Channel 52

HT20-Channel 60

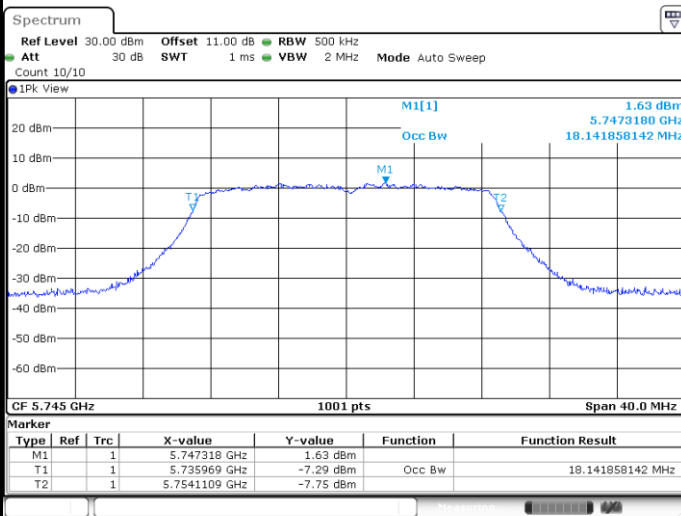


HT20-Channel 64

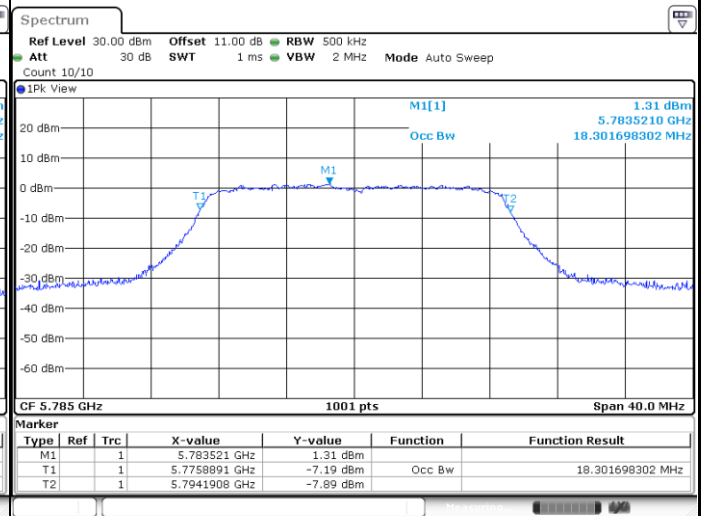


HT20-Channel 100

HT20-Channel 116

HT20-Channel 140

HT20-Channel 140


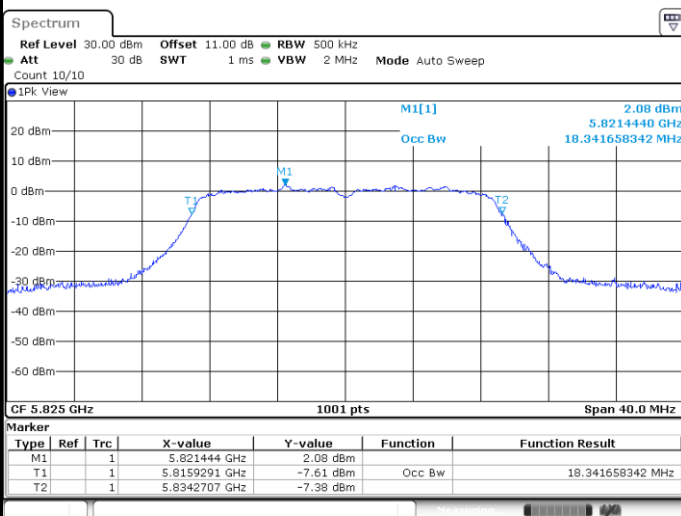
HT20-Channel 149



HT20-Channel 157

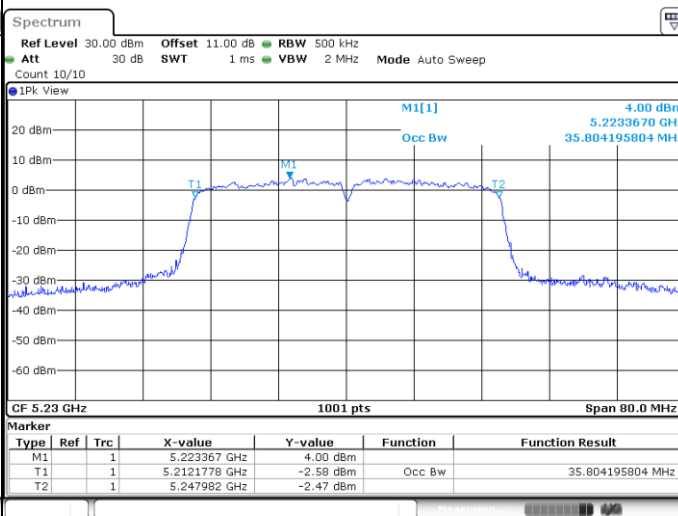
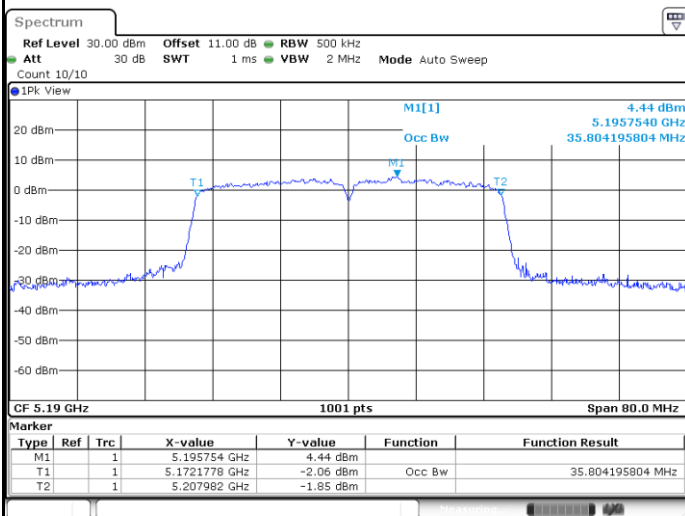
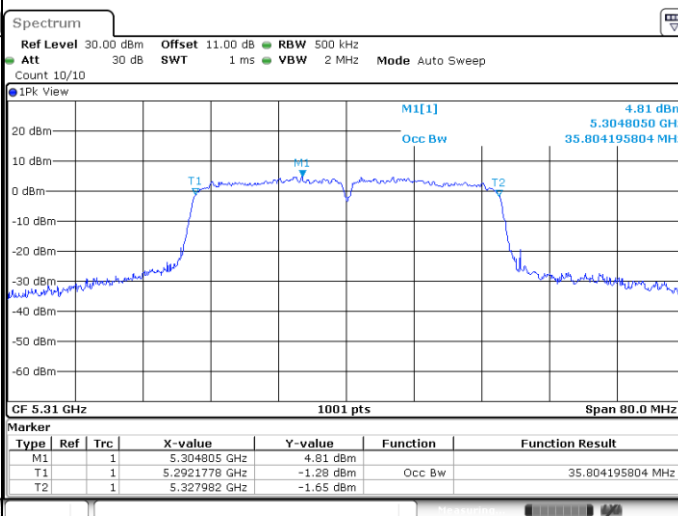
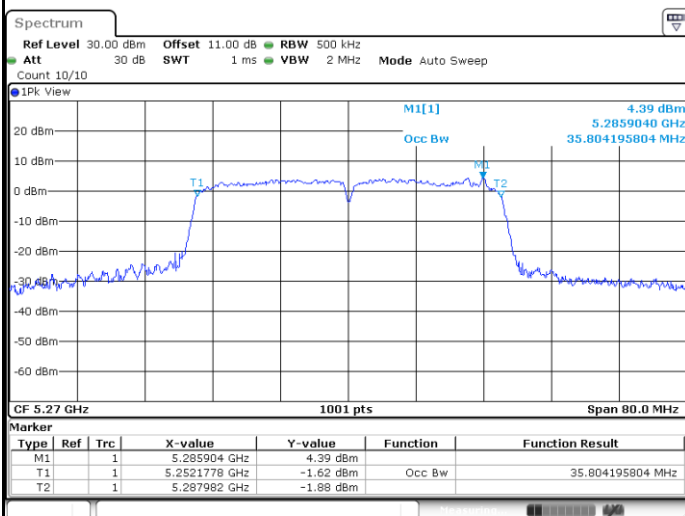


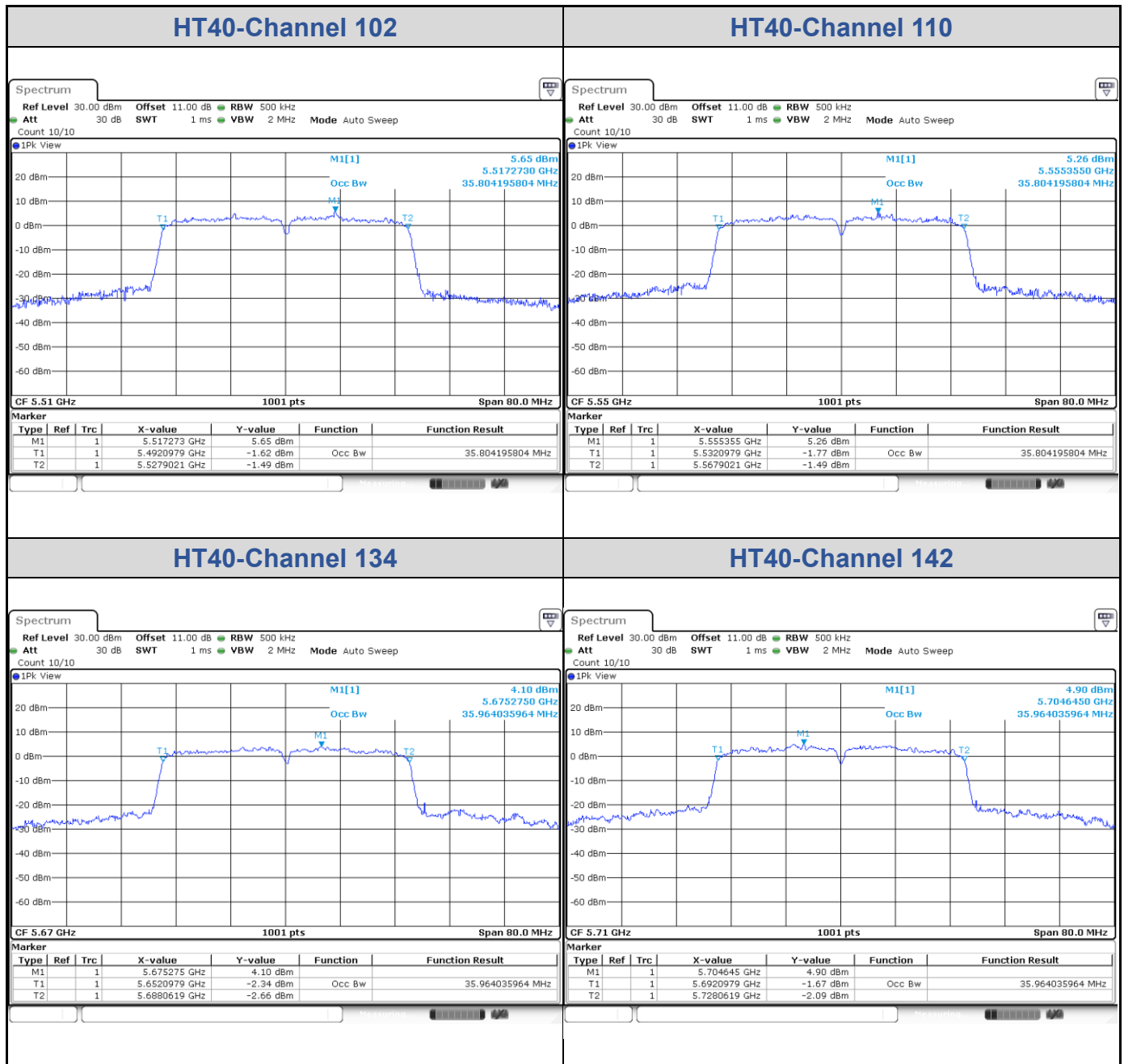
HT20-Channel 165

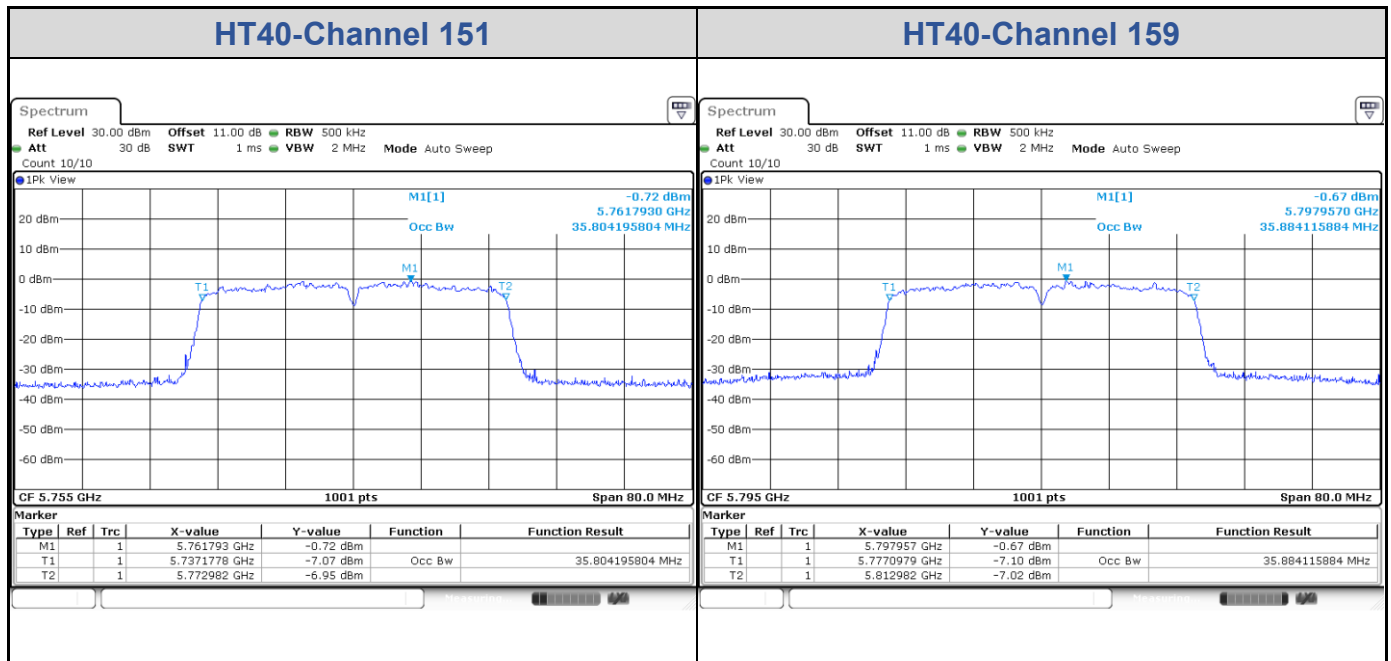


802.11n HT40

Band	Channel	Frequency (MHz)	99% Bandwidth (MHz)
U-NII-1	38	5190	35.80
	46	5230	35.80
U-NII-2A	54	5270	35.80
	62	5310	35.80
U-NII-2C	102	5510	35.80
	110	5550	35.80
	134	5670	35.96
	142	5710	32.90
U-NII-3	142	5710	3.06
	151	5755	35.80
	159	5795	35.88

HT40-Channel 38
HT40-Channel 46

HT40-Channel 54
HT40-Channel 62


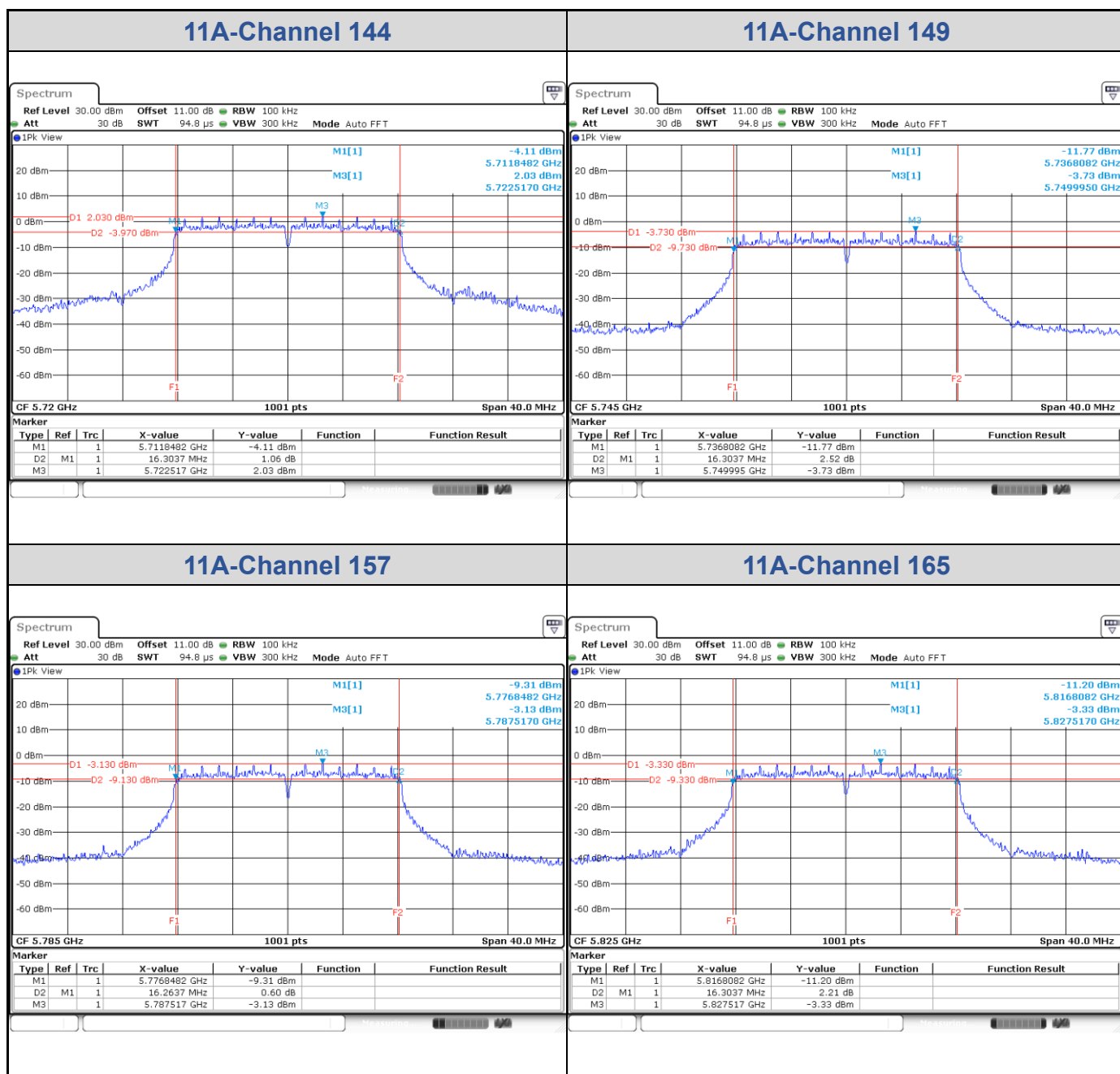




Test Result of 6 dB Bandwidth

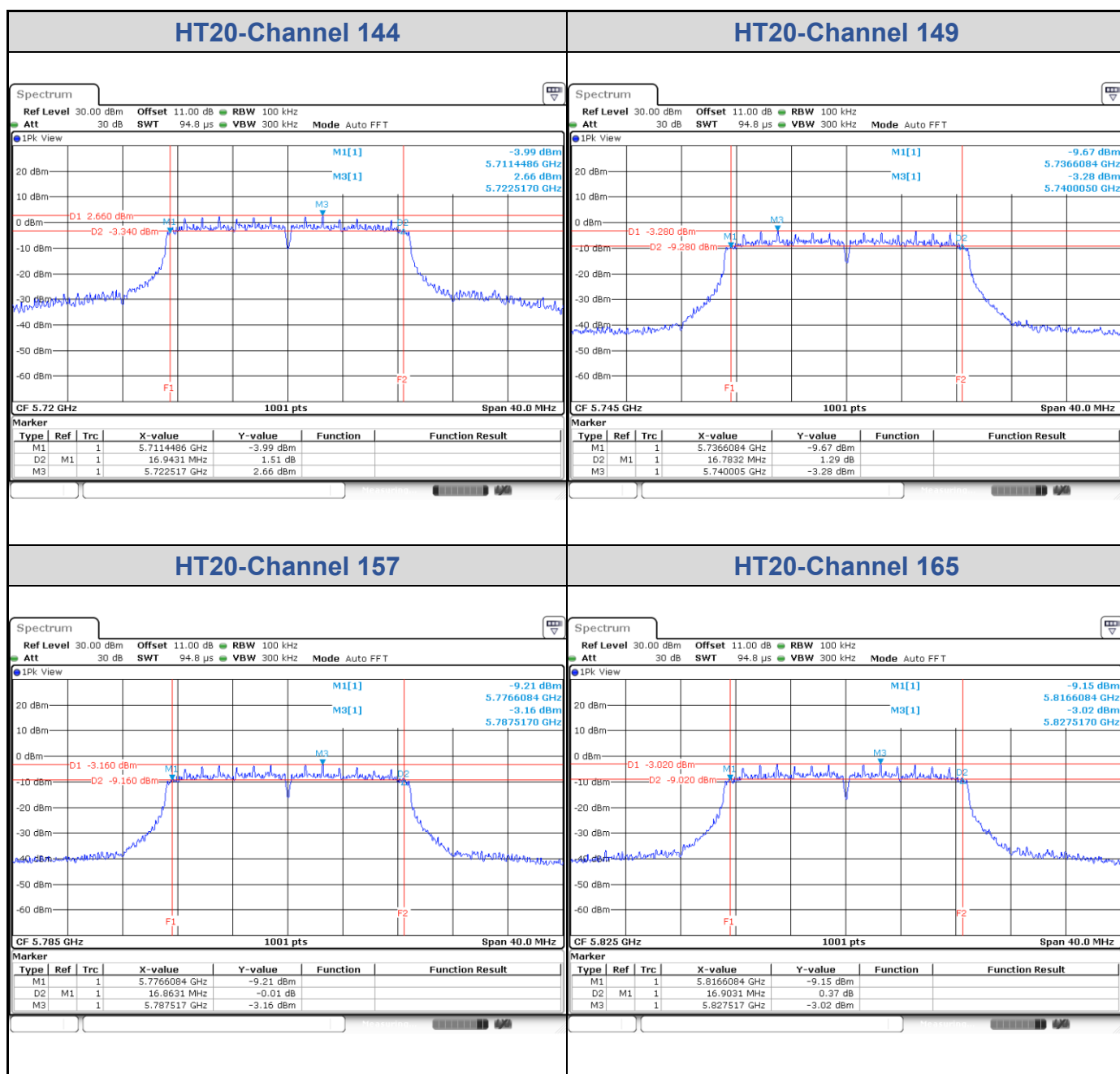
802.11a

Band	Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
U-NII-3	144	5720	3.15	> 0.5	Pass
	149	5745	16.30	> 0.5	Pass
	157	5785	16.26	> 0.5	Pass
	165	5825	16.30	> 0.5	Pass



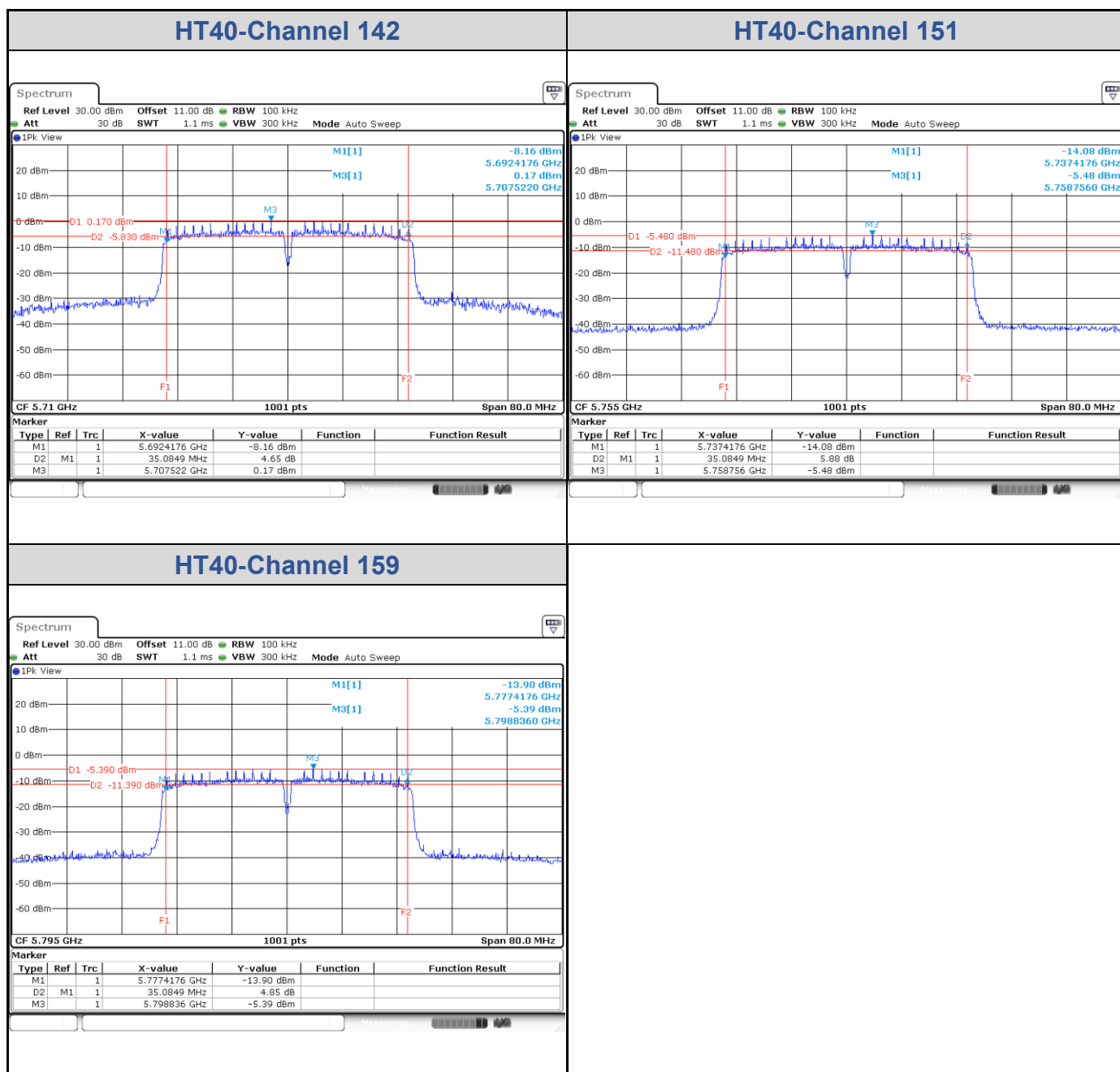
802.11n HT20

Band	Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
U-NII-3	144	5720	3.39	> 0.5	Pass
	149	5745	16.78	> 0.5	Pass
	157	5785	16.86	> 0.5	Pass
	165	5825	16.90	> 0.5	Pass



802.11n HT40

Band	Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
U-NII-3	142	5710	2.50	> 0.5	Pass
	151	5755	35.08	> 0.5	Pass
	159	5795	35.08	> 0.5	Pass

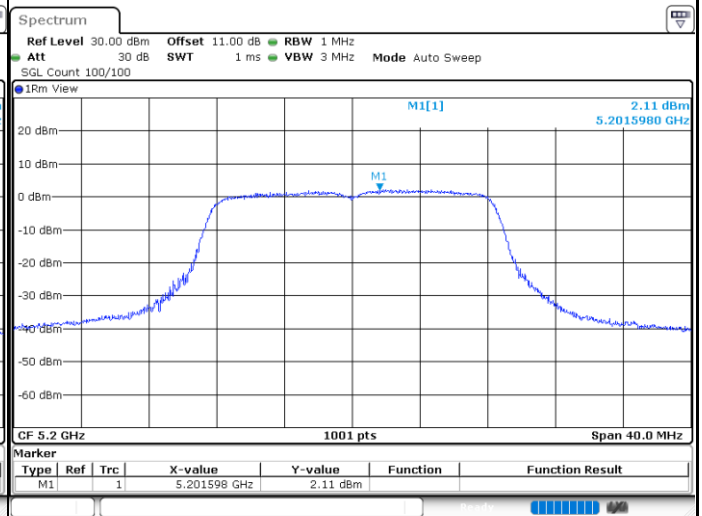
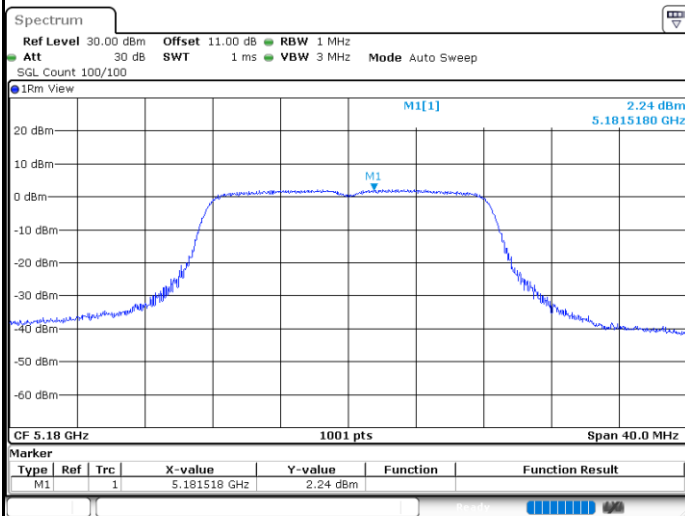
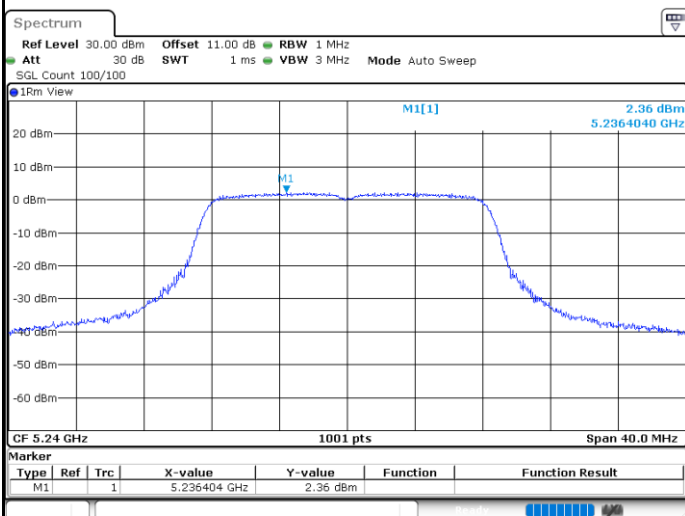


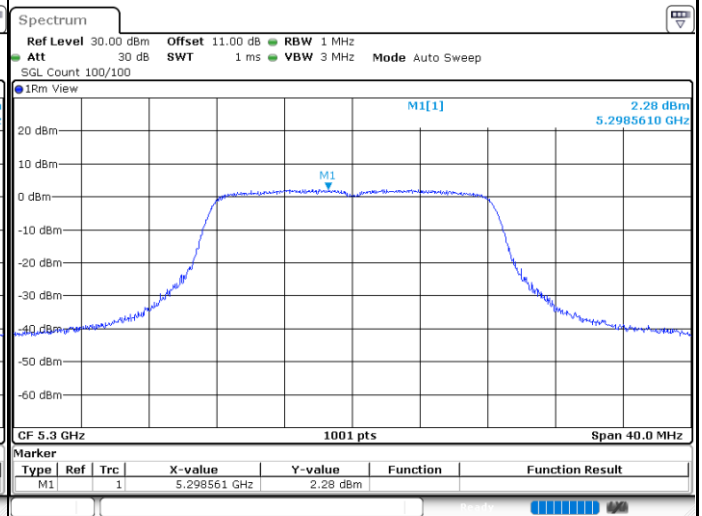
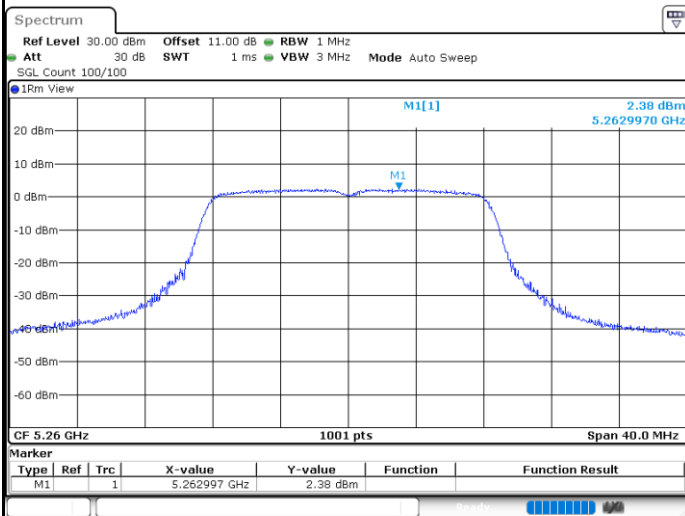
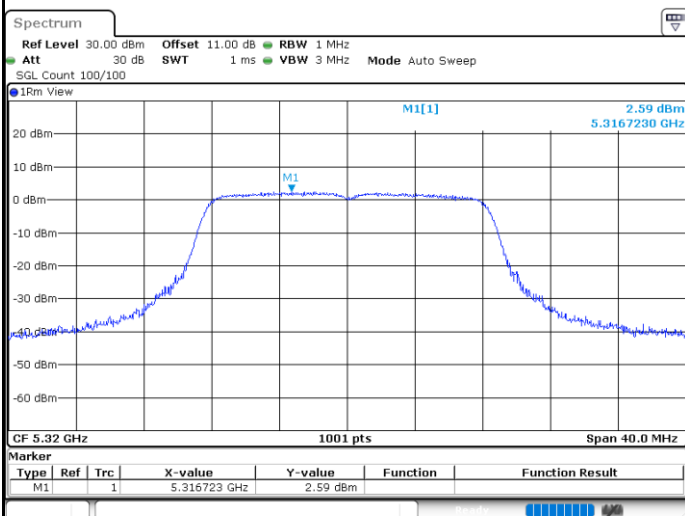
Test Result of Power Spectral Density

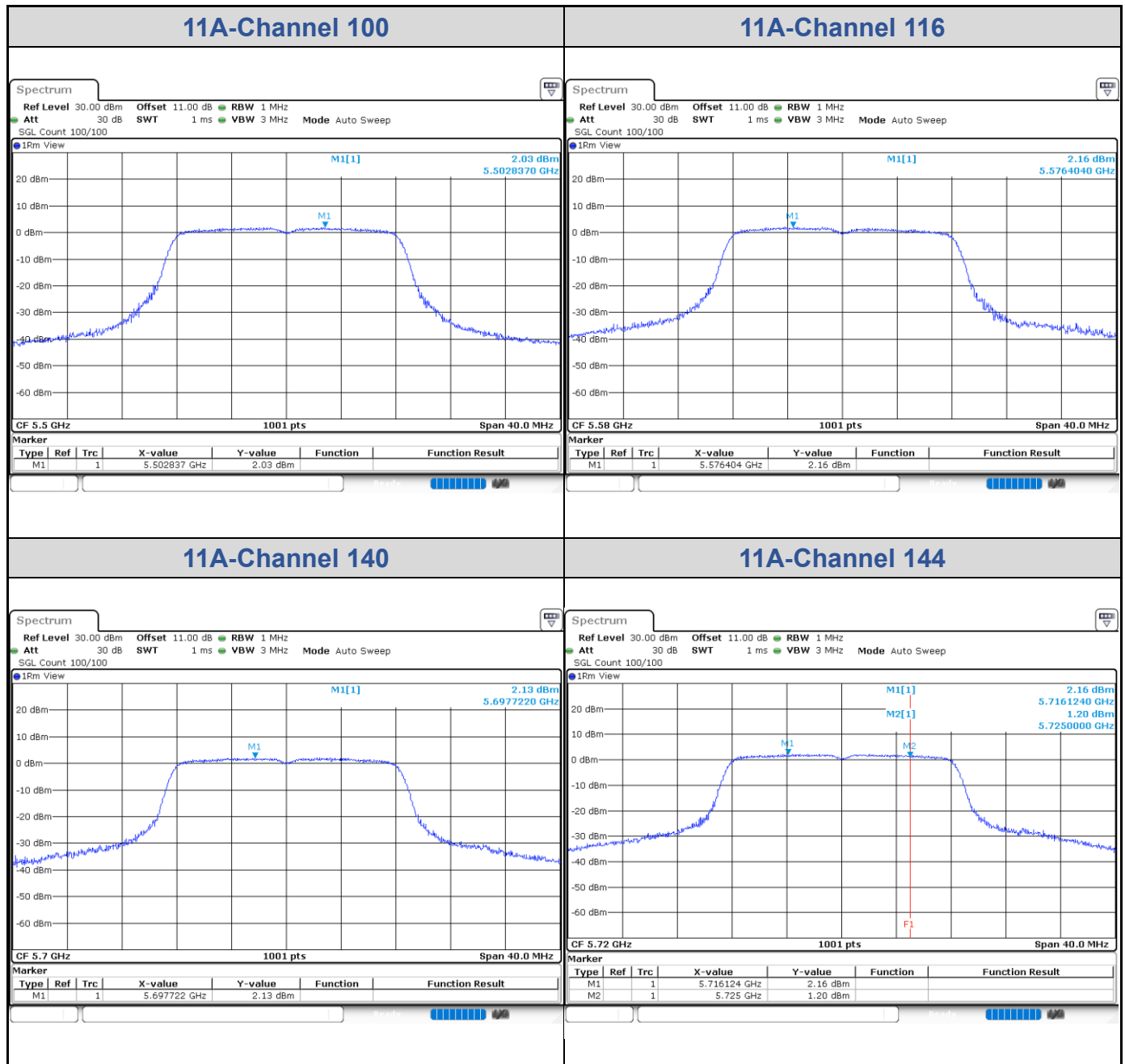
802.11a

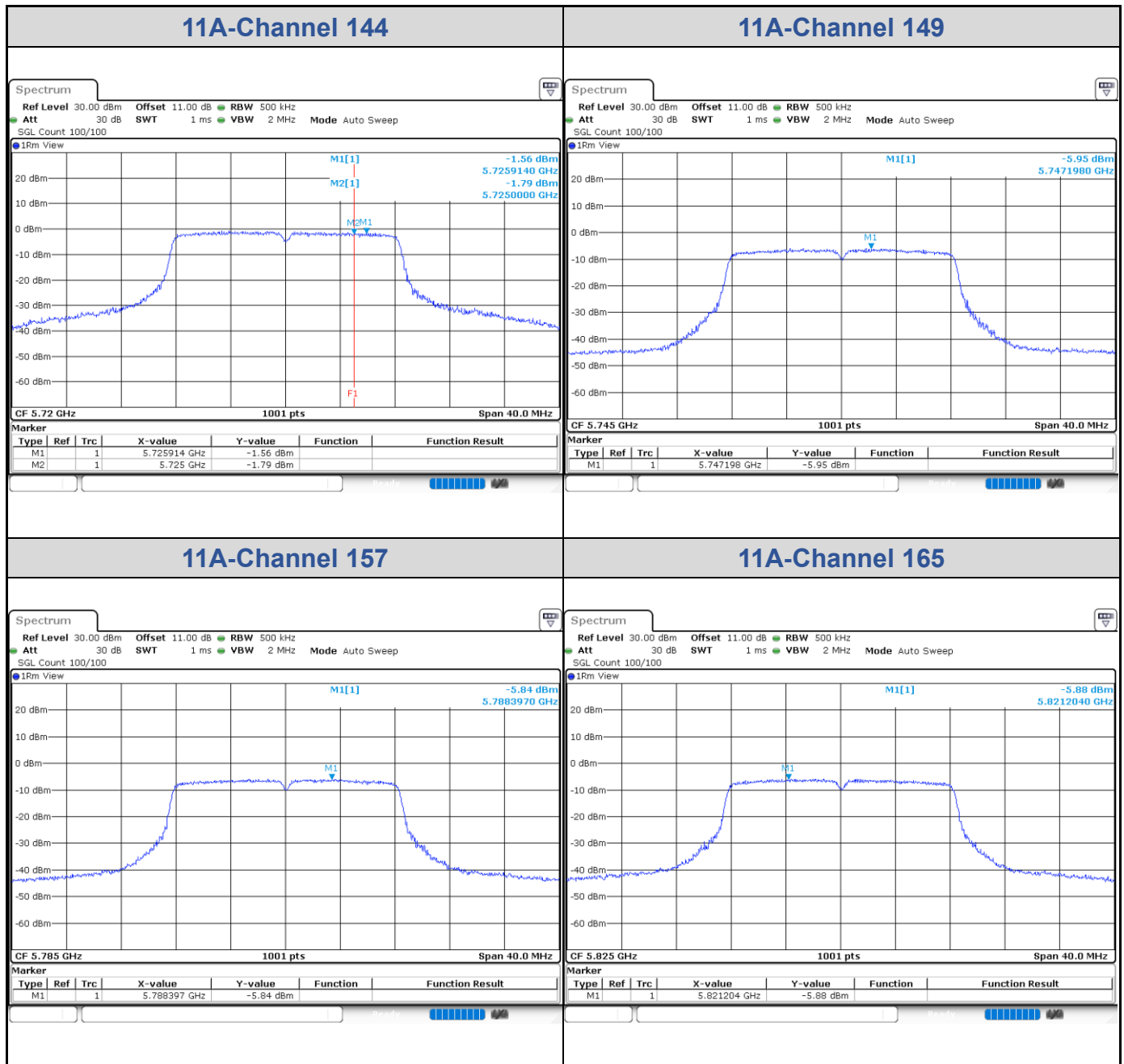
Band	Channel	Frequency (MHz)	PSD without Duty Factor (dBm/MHz)	Total PSD with Duty Factor (dBm/MHz)	Maximum Limit (dBm/MHz)	Pass / Fail
U-NII-1	36	5180	2.24	2.51	11.00	Pass
	40	5200	2.11	2.38	11.00	Pass
	48	5240	2.36	2.63	11.00	Pass
U-NII-2A	52	5260	2.38	2.65	11.00	Pass
	60	5300	2.28	2.55	11.00	Pass
	64	5320	2.59	2.86	11.00	Pass
U-NII-2C	100	5500	2.03	2.30	11.00	Pass
	116	5580	2.16	2.43	11.00	Pass
	140	5700	2.13	2.40	11.00	Pass
	144	5720	2.16	2.43	11.00	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	144	5720	-1.56	-1.29	30.00	Pass
	149	5745	-5.95	-5.68	30.00	Pass
	157	5785	-5.84	-5.57	30.00	Pass
	165	5825	-5.88	-5.61	30.00	Pass

11A-Channel 36
11A-Channel 40

11A-Channel 48


11A-Channel 52
11A-Channel 60

11A-Channel 64






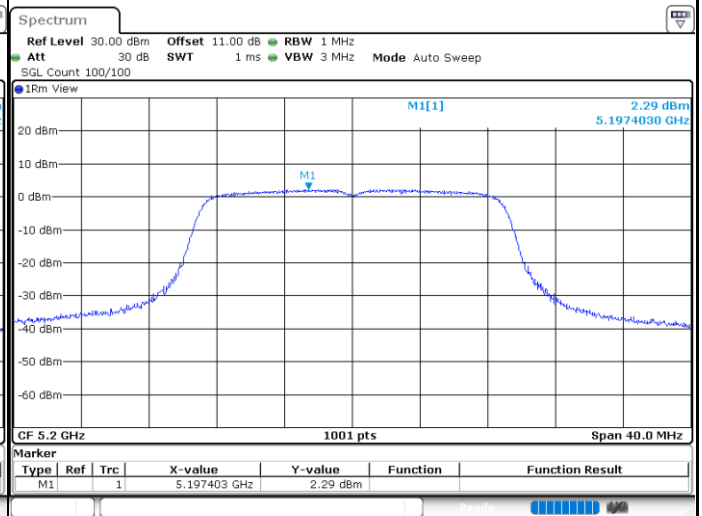
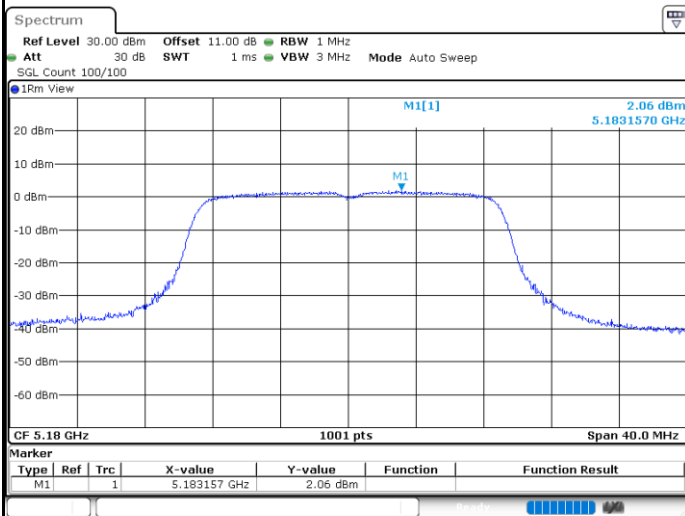
802.11n HT20

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	2.06	2.34	11.00	Pass
	40	5200	2.29	2.57	11.00	Pass
	48	5240	2.10	2.38	11.00	Pass
U-NII-2A	52	5260	2.39	2.67	11.00	Pass
	60	5300	2.39	2.67	11.00	Pass
	64	5320	2.44	2.72	11.00	Pass
U-NII-2C	100	5500	2.12	2.40	11.00	Pass
	116	5580	2.10	2.38	11.00	Pass
	140	5700	2.00	2.28	11.00	Pass
	144	5720	2.46	2.74	11.00	Pass

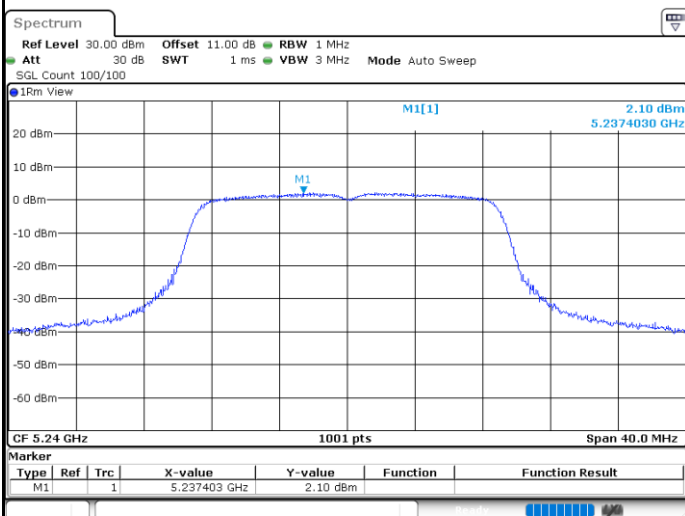
Band	Channel	Frequency (MHz)	PSD without Duty Factor (dBm/500kHz)	Total PSD with Duty Factor (dBm/500kHz)	Maximum Limit (dBm/500kHz)	Pass / Fail
U-NII-3	144	5720	-0.83	-0.55	30.00	Pass
	149	5745	-6.18	-5.90	30.00	Pass
	157	5785	-6.01	-5.73	30.00	Pass
	165	5825	-6.20	-5.92	30.00	Pass

HT20-Channel 36

HT20-Channel 40

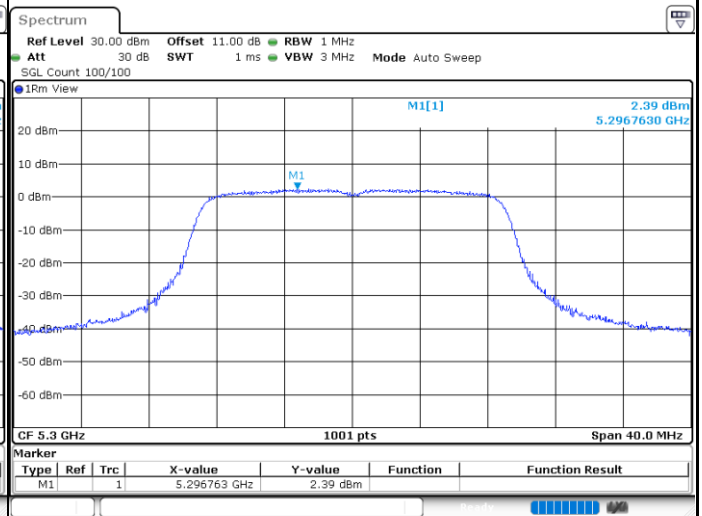
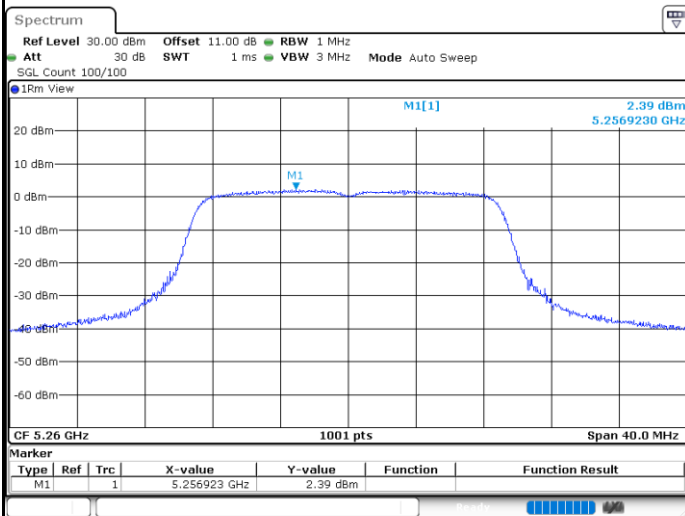


HT20-Channel 48

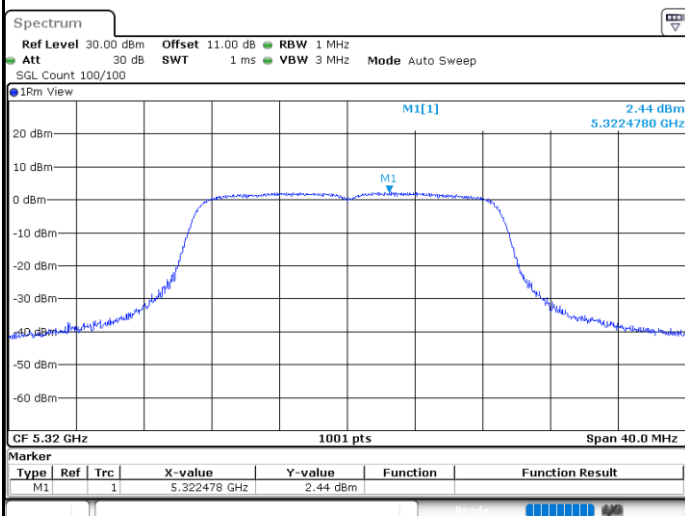


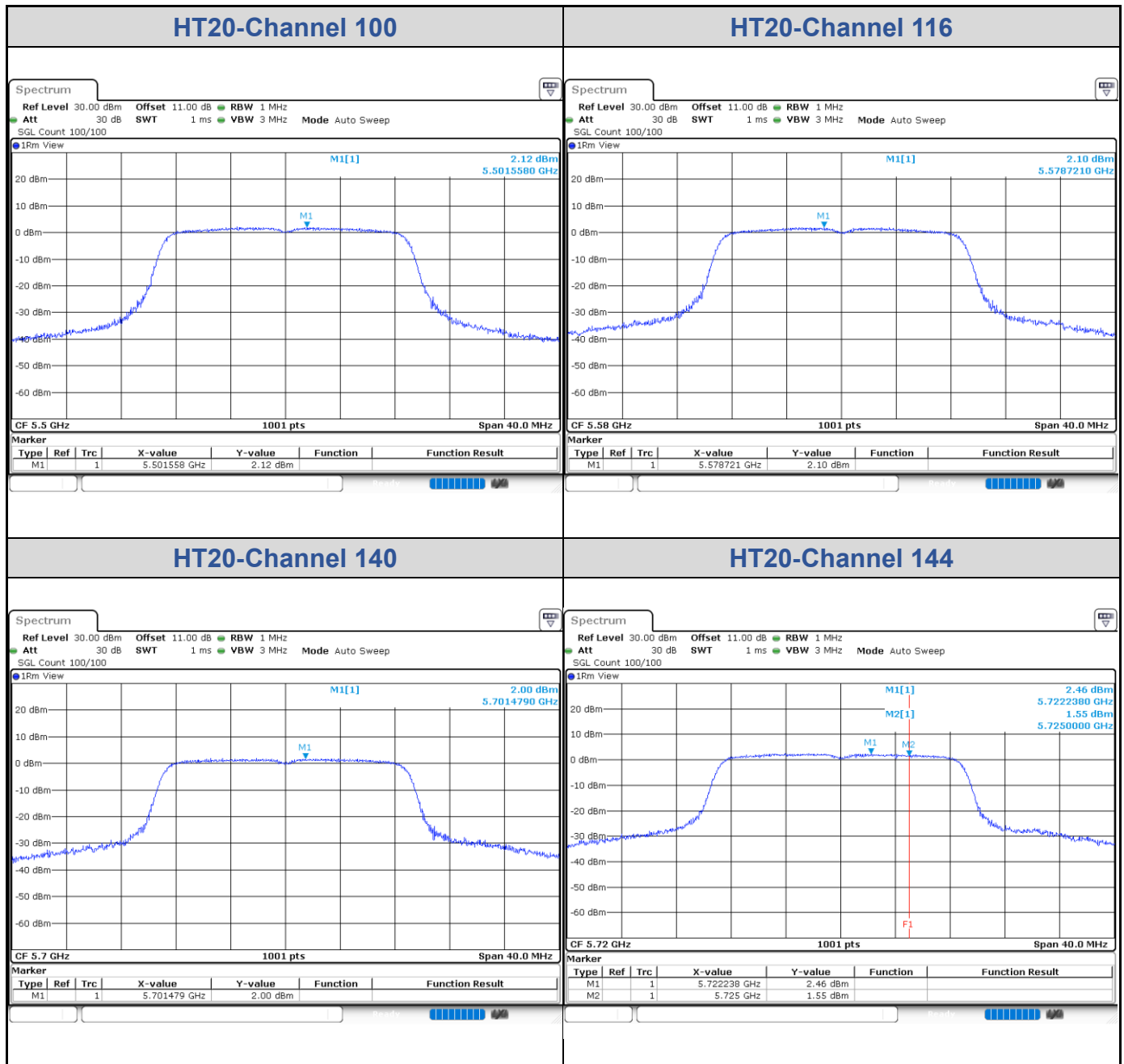
HT20-Channel 52

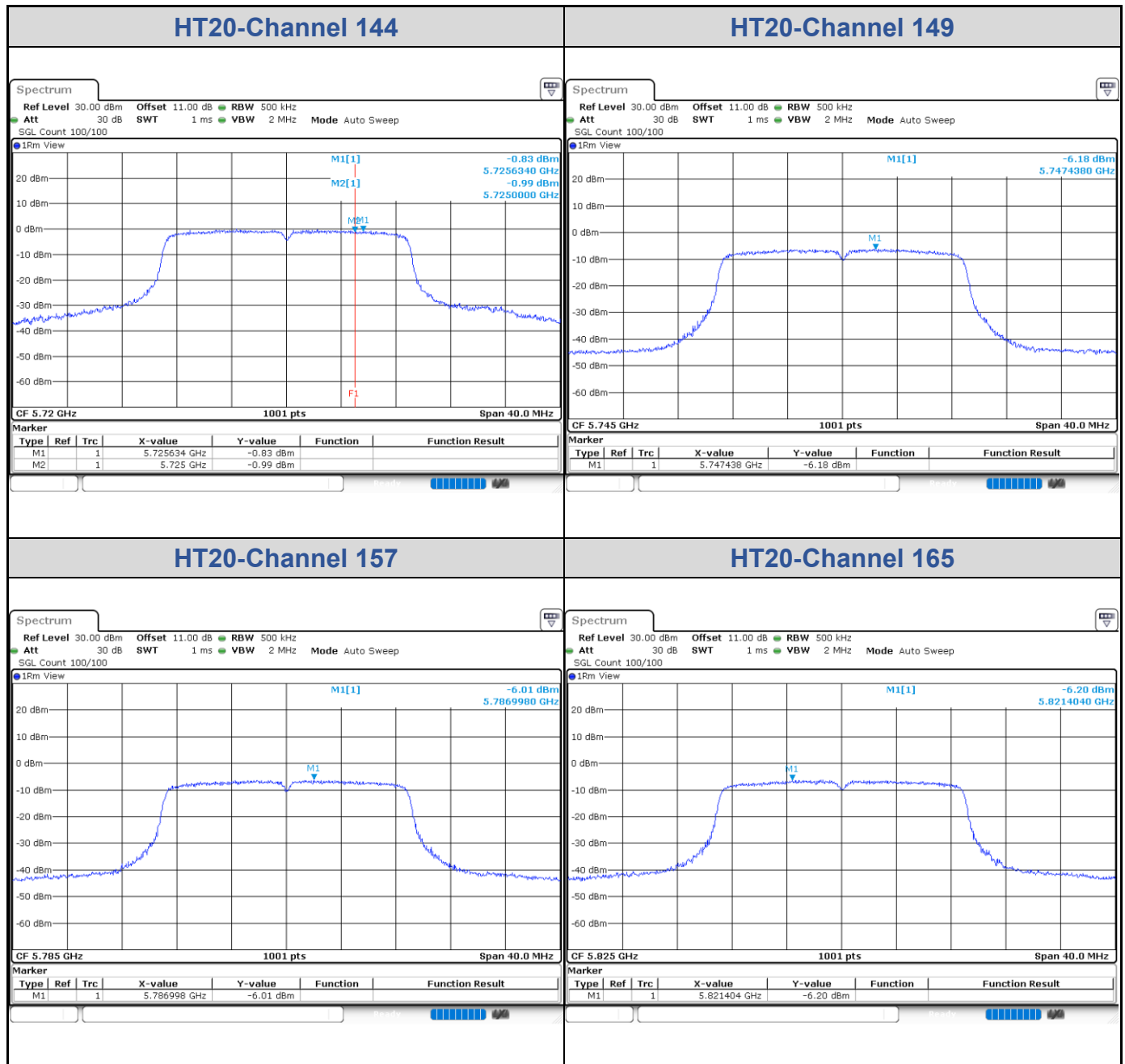
HT20-Channel 60



HT20-Channel 64



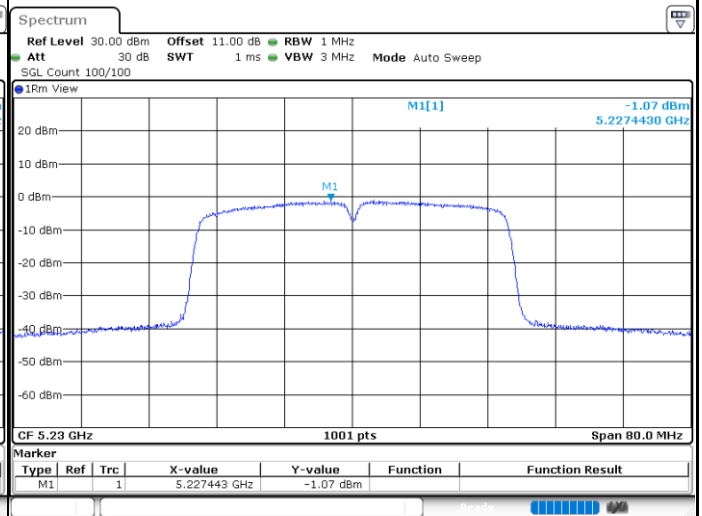
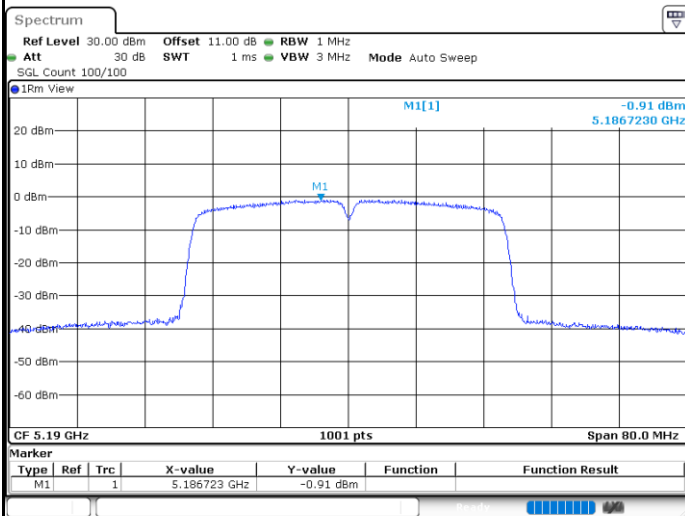
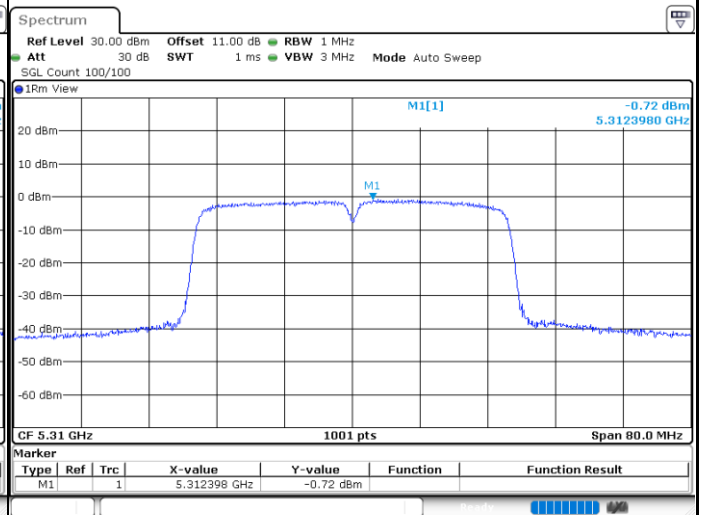
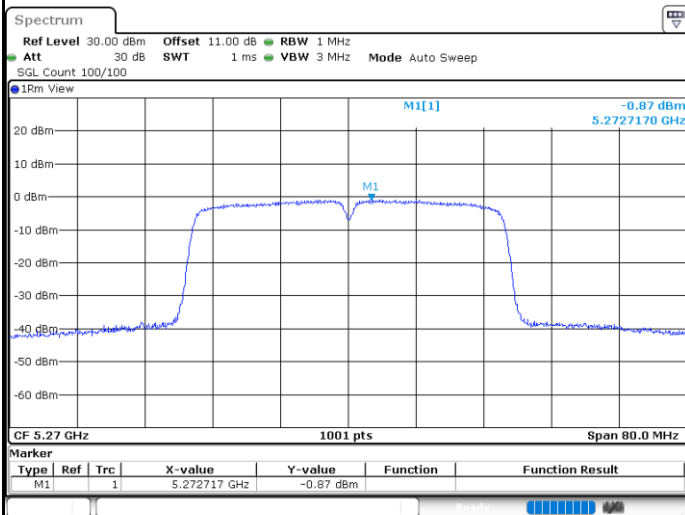


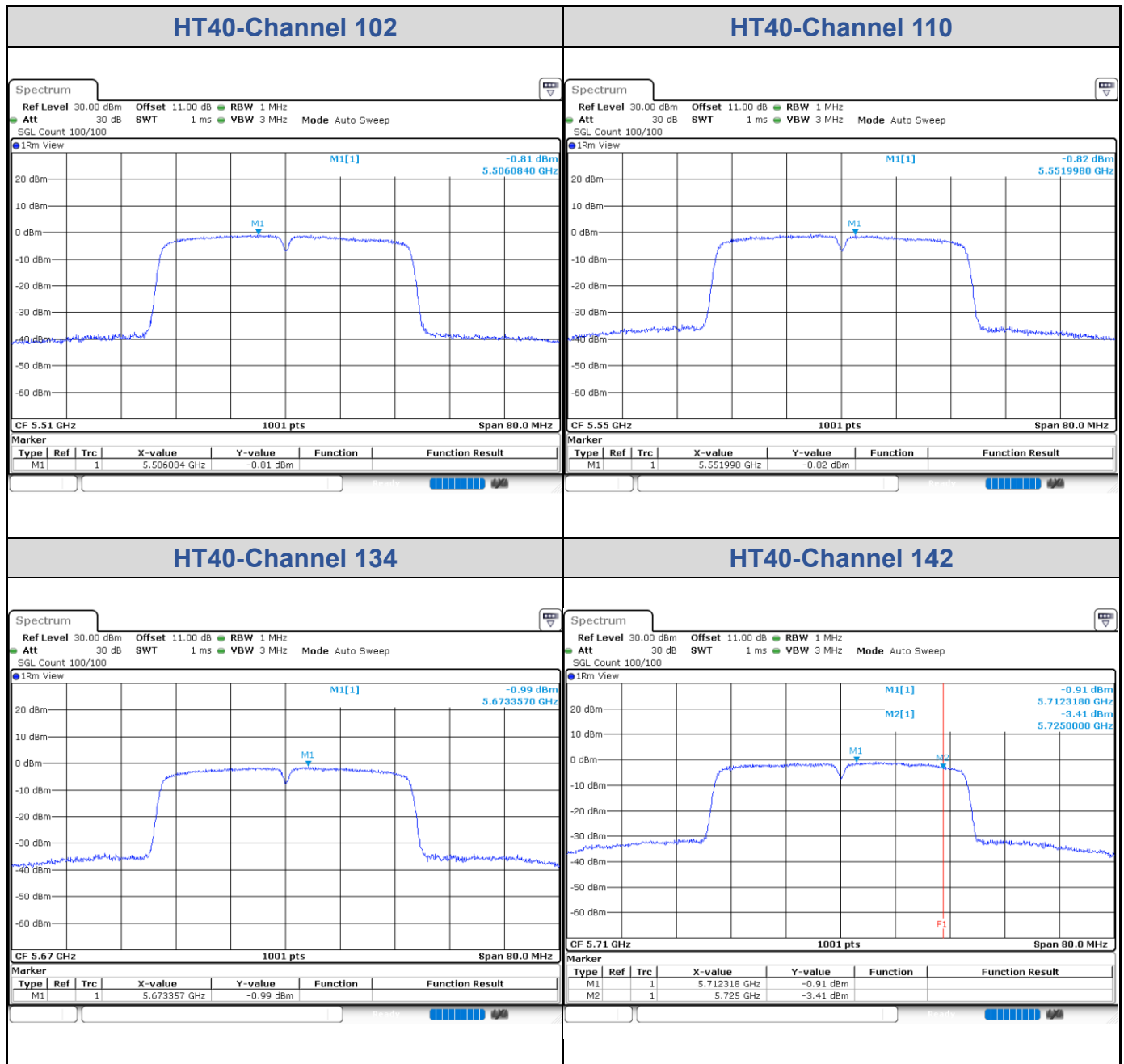


802.11n HT40

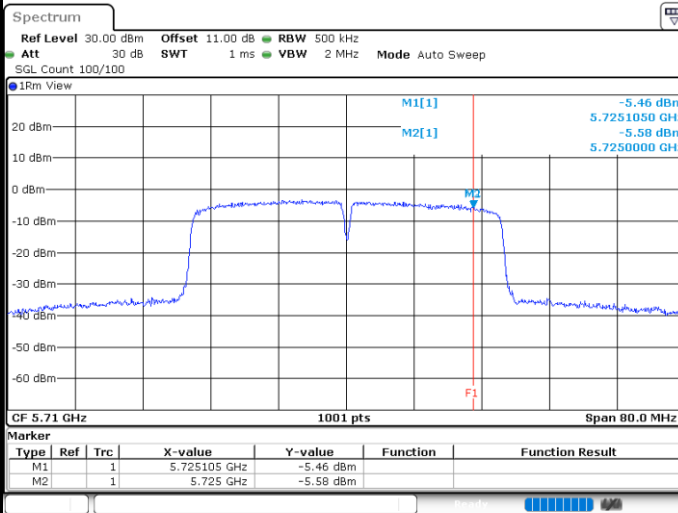
Band	Channel	Frequency (MHz)	PSD without Duty Factor (dBm/MHz)	Total PSD with Duty Factor (dBm/MHz)	Maximum Limit (dBm/MHz)	Pass / Fail
U-NII-1	38	5190	-0.91	-0.35	11.00	Pass
	46	5230	-1.07	-0.51	11.00	Pass
U-NII-2A	54	5270	-0.87	-0.31	11.00	Pass
	62	5310	-0.72	-0.16	11.00	Pass
U-NII-2C	102	5510	-0.81	-0.25	11.00	Pass
	110	5550	-0.82	-0.26	11.00	Pass
	134	5670	-0.99	-0.43	11.00	Pass
	142	5710	-0.91	-0.35	11.00	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	142	5710	-5.46	-4.90	30.00	Pass
	151	5755	-8.89	-8.33	30.00	Pass
	159	5795	-8.94	-8.38	30.00	Pass

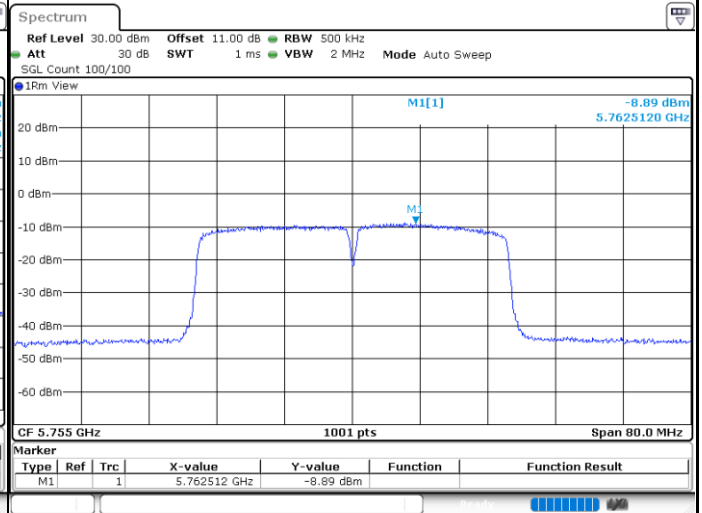
HT40-Channel 38
HT40-Channel 46

HT40-Channel 54
HT40-Channel 62




HT40-Channel 142



HT40-Channel 151



HT40-Channel 159

