

Appendix A: Test Results of Conducted Test

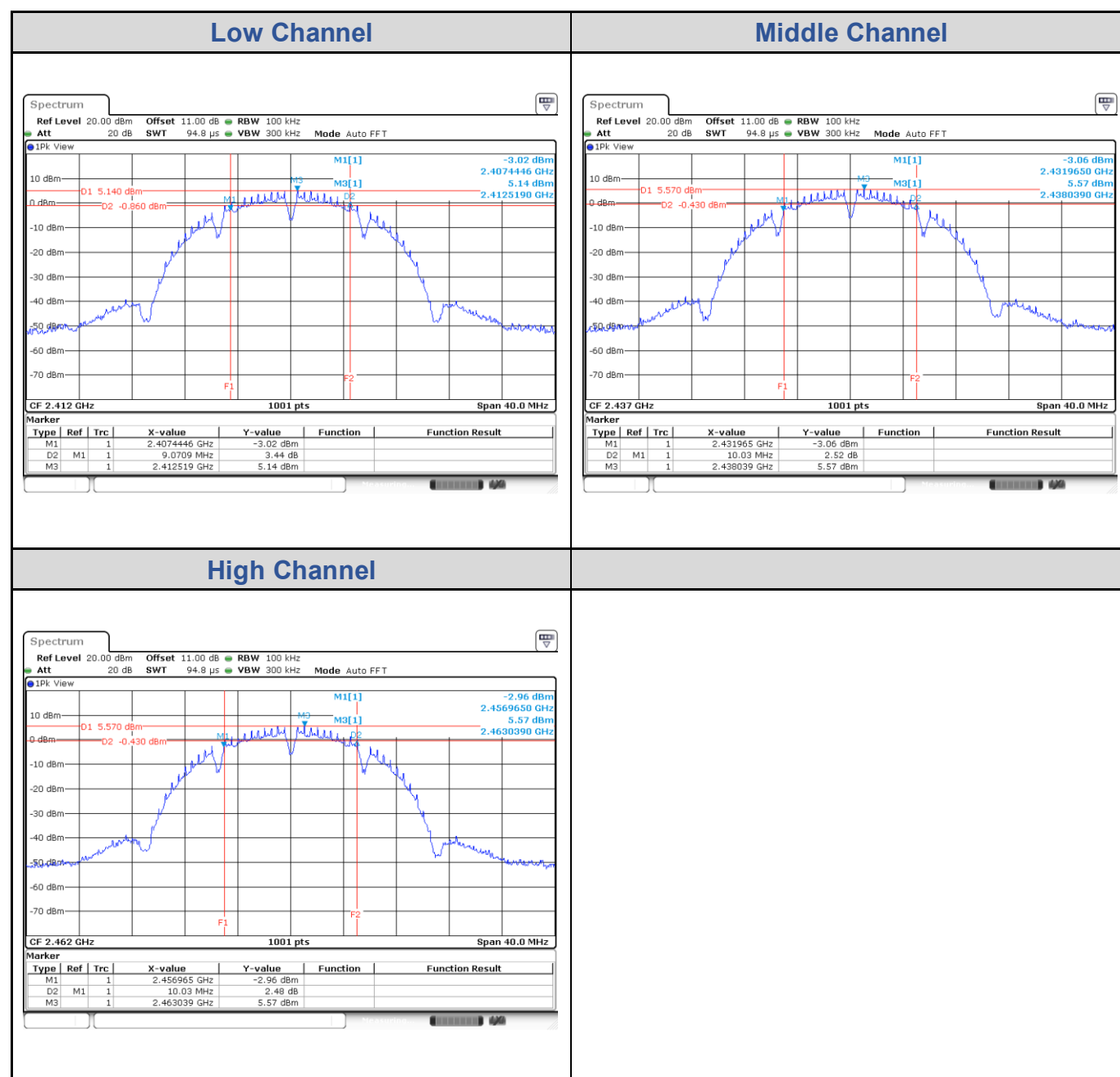
Test Result of 6 dB Bandwidth

802.11b

Channel	Channel Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
Low Channel	2412	9.07	> 0.5	Pass
Middle Channel	2437	10.03	> 0.5	Pass
High Channel	2462	10.03	> 0.5	Pass

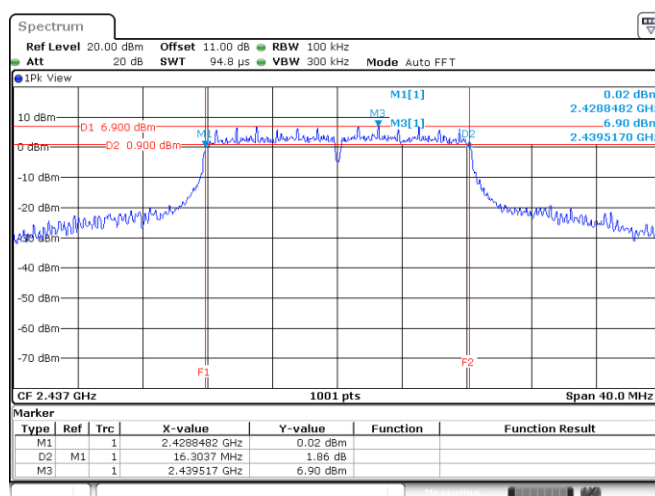
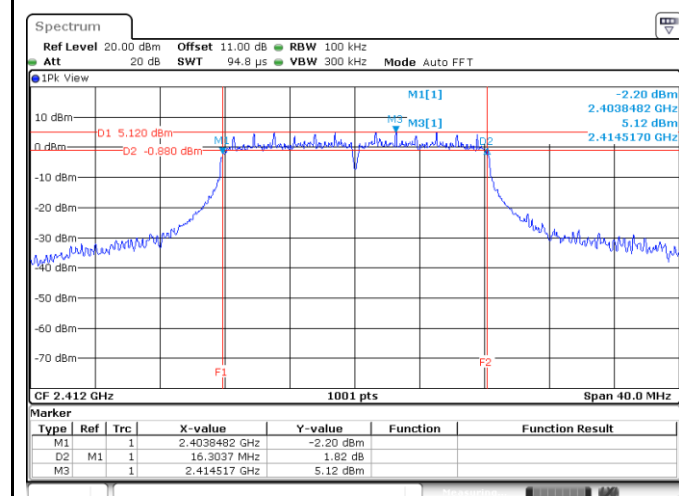
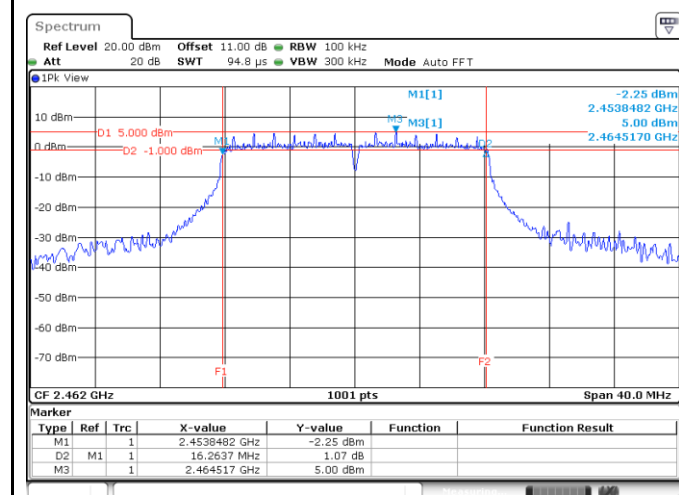
Low Channel

Middle Channel



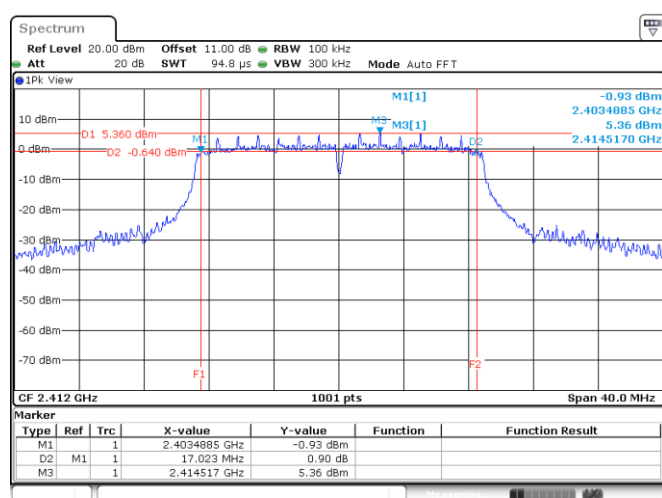
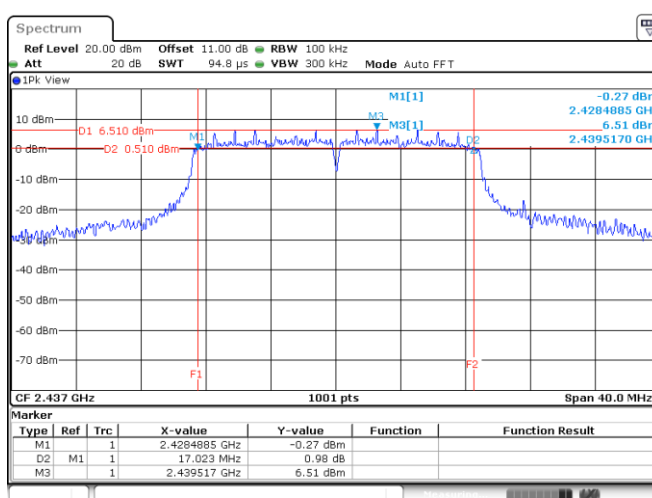
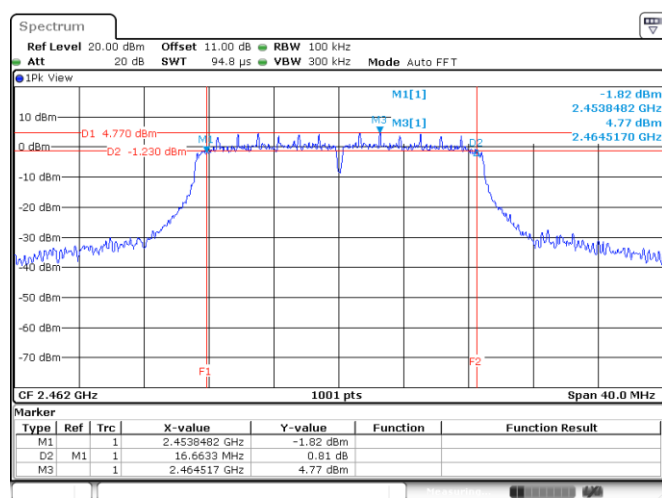
802.11g

Channel	Channel Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
Low Channel	2412	16.30	> 0.5	Pass
Middle Channel	2437	16.30	> 0.5	Pass
High Channel	2462	16.26	> 0.5	Pass

Low Channel
Middle Channel

High Channel


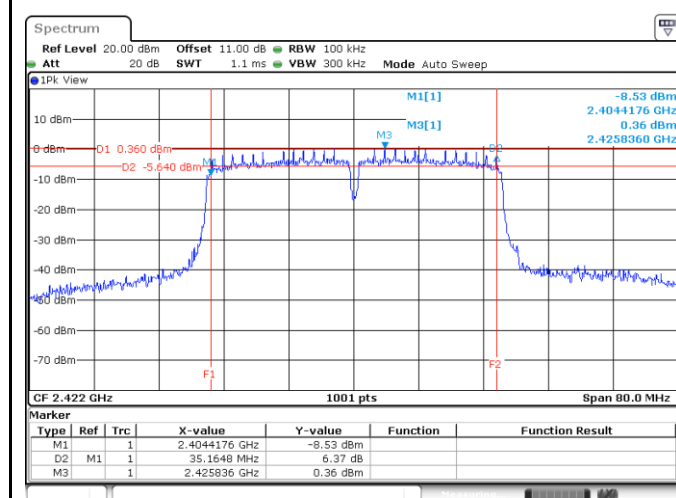
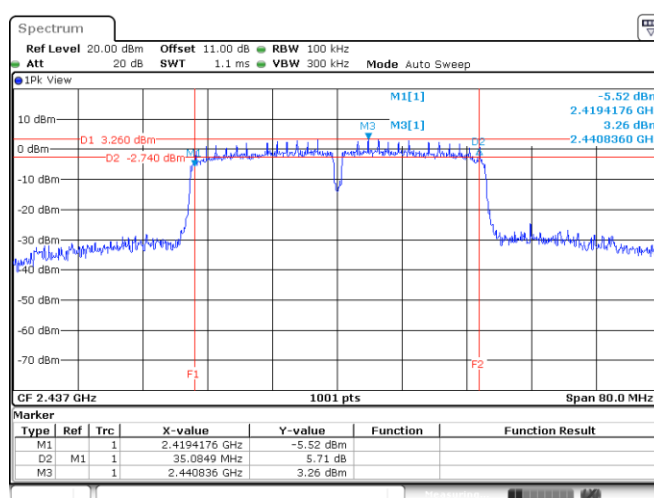
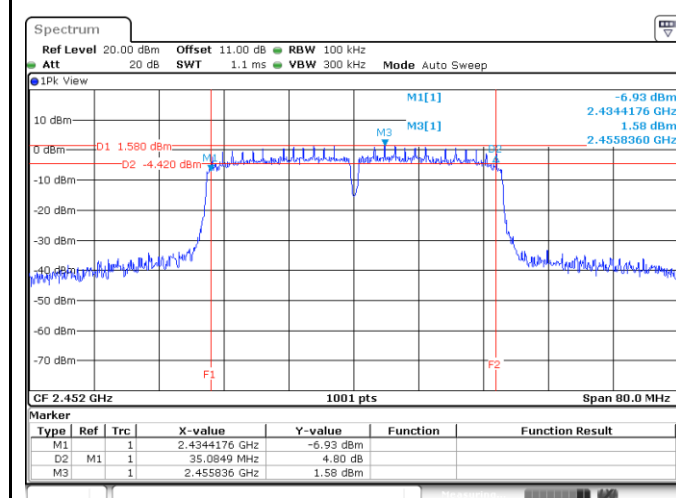
802.11n HT20

Channel	Channel Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
Low Channel	2412	17.02	> 0.5	Pass
Middle Channel	2437	17.02	> 0.5	Pass
High Channel	2462	16.66	> 0.5	Pass

Low Channel

Middle Channel

High Channel


802.11n HT40

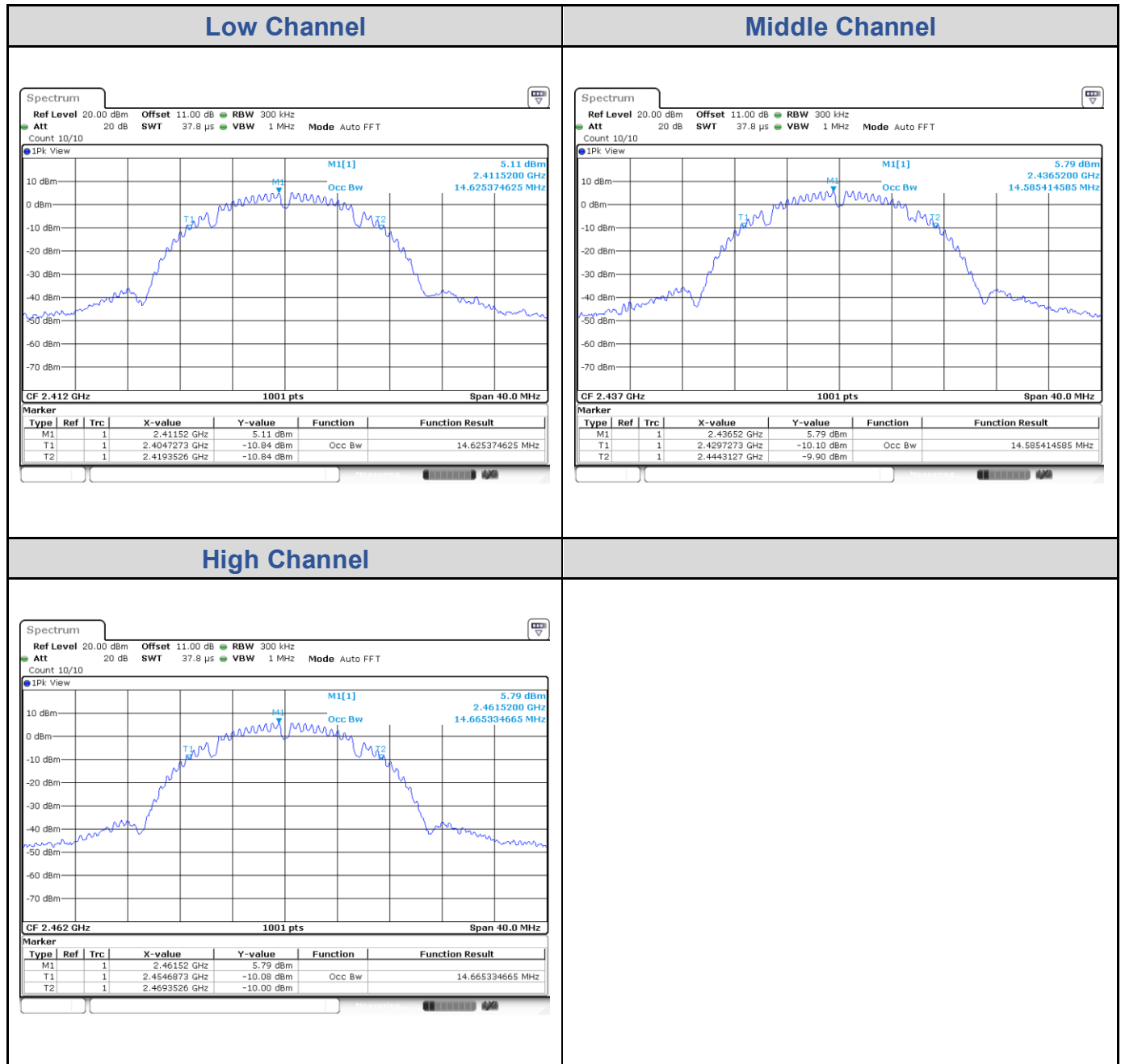
Channel	Channel Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
Low Channel	2422	35.16	> 0.5	Pass
Middle Channel	2437	35.08	> 0.5	Pass
High Channel	2452	35.08	> 0.5	Pass

Low Channel

Middle Channel

High Channel


Test Result of 99% Occupied Bandwidth

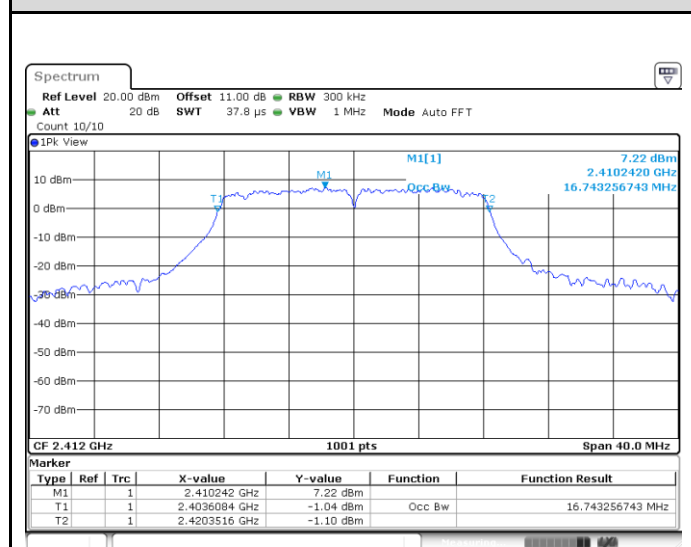
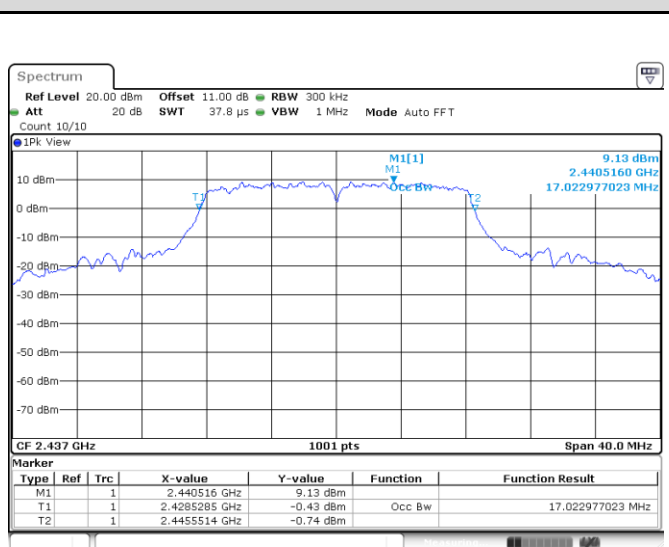
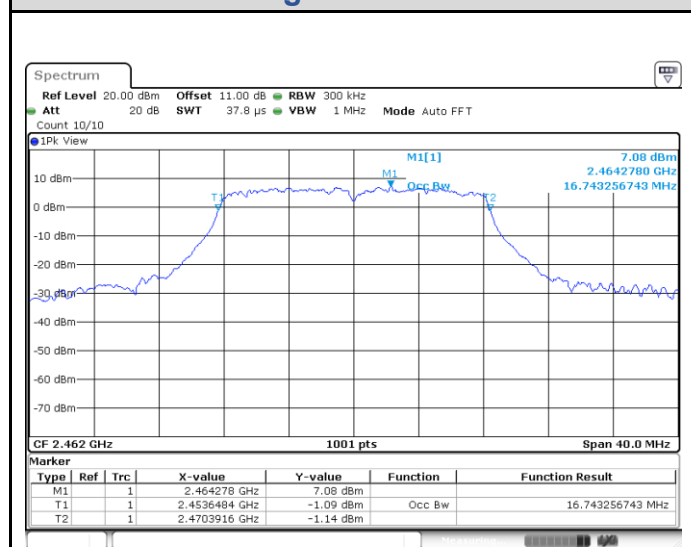
802.11b

Channel	Channel Frequency (MHz)	99% Bandwidth (MHz)
Low Channel	2412	14.63
Middle Channel	2437	14.59
High Channel	2462	14.67



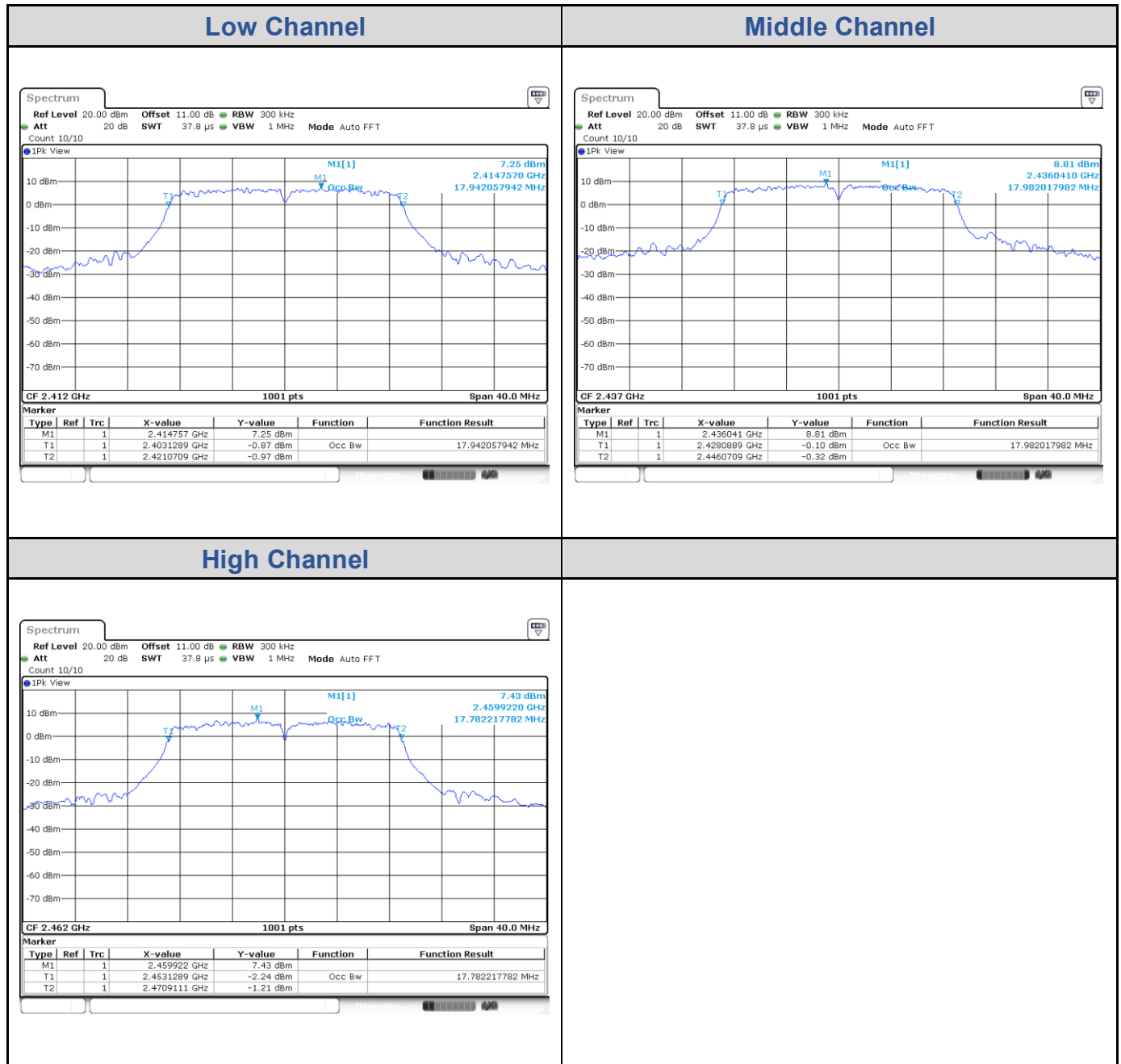
802.11g

Channel	Channel Frequency (MHz)	99% Bandwidth (MHz)
Low Channel	2412	16.74
Middle Channel	2437	17.02
High Channel	2462	16.74

Low Channel

Middle Channel

High Channel


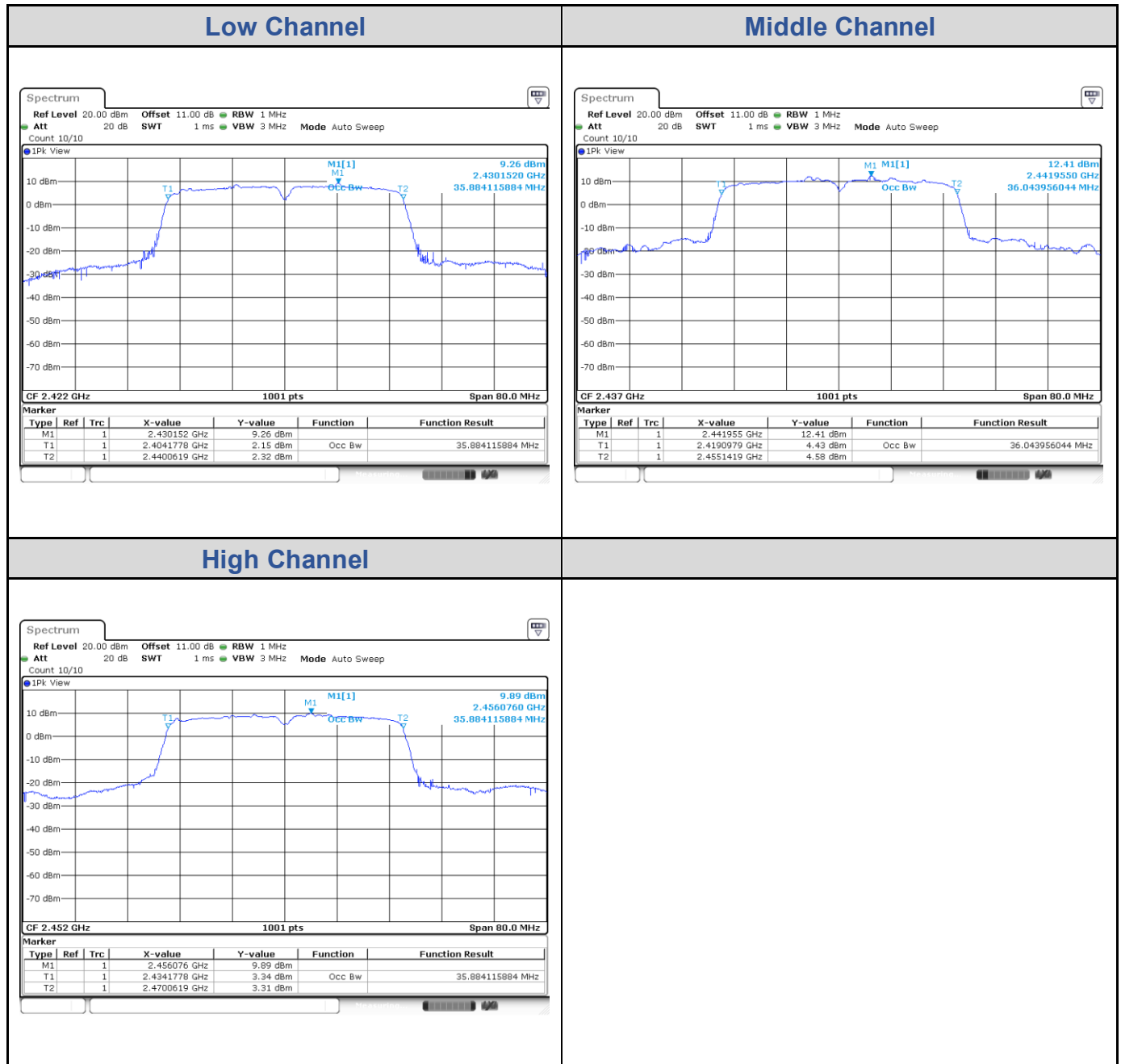
802.11n HT20

Channel	Channel Frequency (MHz)	99% Bandwidth (MHz)
Low Channel	2412	17.94
Middle Channel	2437	17.98
High Channel	2462	17.78



802.11n HT40

Channel	Channel Frequency (MHz)	99% Bandwidth (MHz)
Low Channel	2422	35.88
Middle Channel	2437	36.04
High Channel	2452	35.88



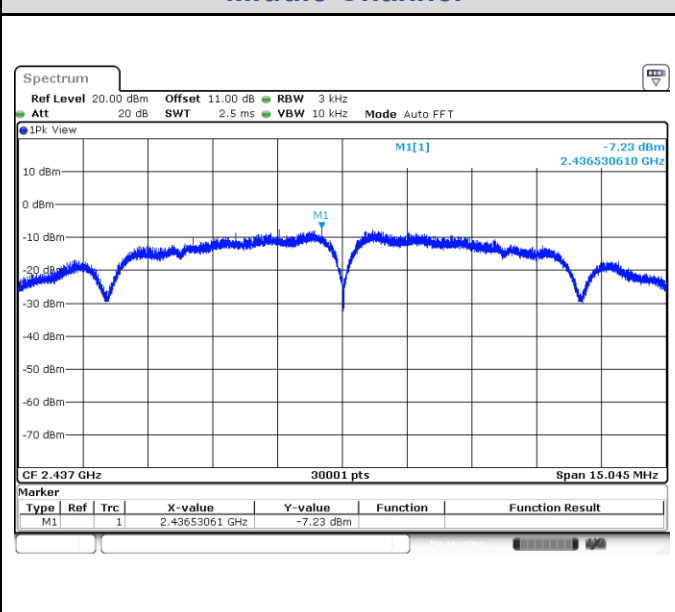
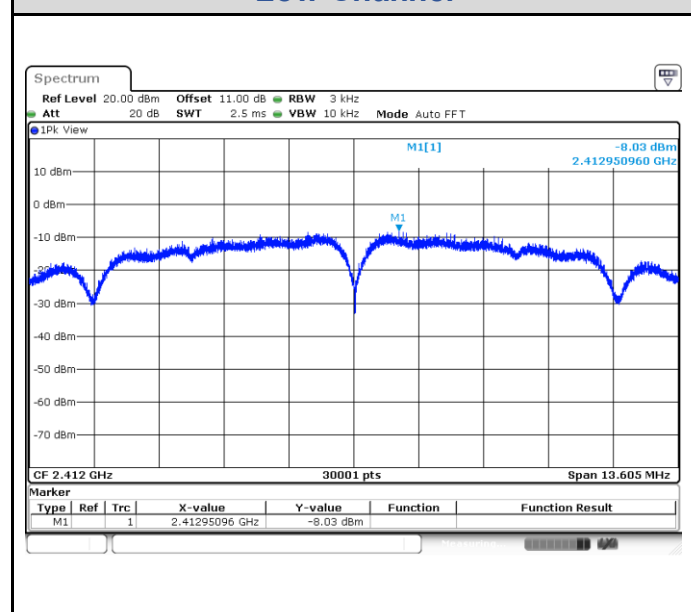
Test Result of Power Spectral Density

802.11b

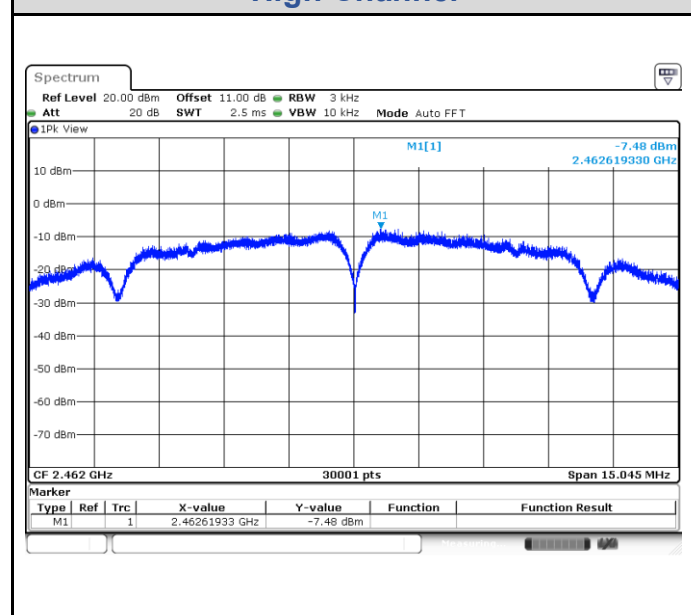
Channel	Channel Frequency (MHz)	Power Density (dBm/3kHz)	Limit (dBm/3kHz)
Low Channel	2412	-8.03	8
Middle Channel	2437	-7.23	8
High Channel	2462	-7.48	8

Low Channel

Middle Channel



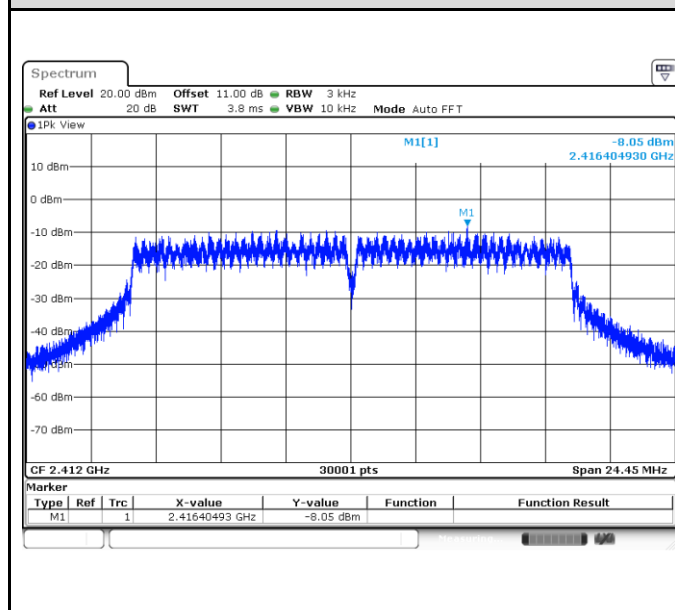
High Channel



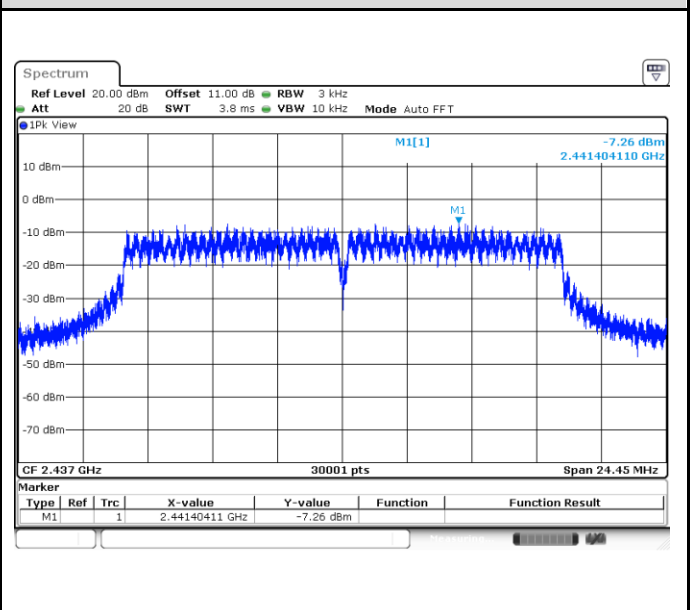
802.11g

Channel	Channel Frequency (MHz)	Power Density (dBm/3kHz)	Limit (dBm/3kHz)
Low Channel	2412	-8.05	8
Middle Channel	2437	-7.26	8
High Channel	2462	-9.32	8

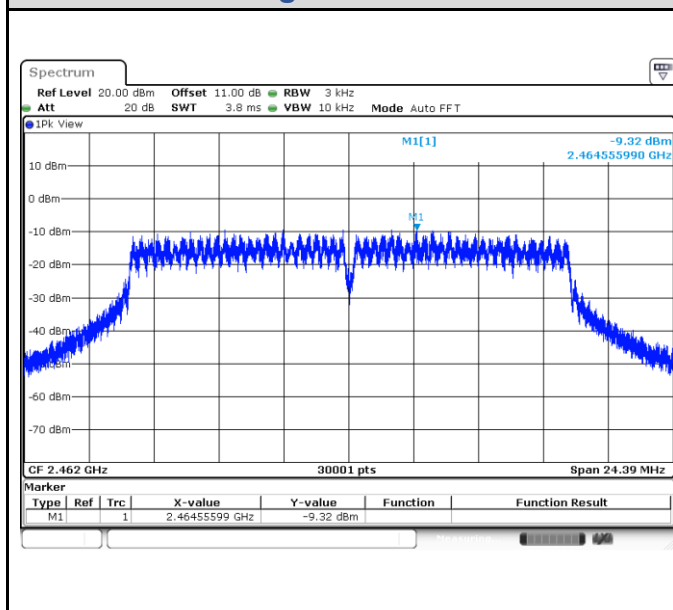
Low Channel



Middle Channel

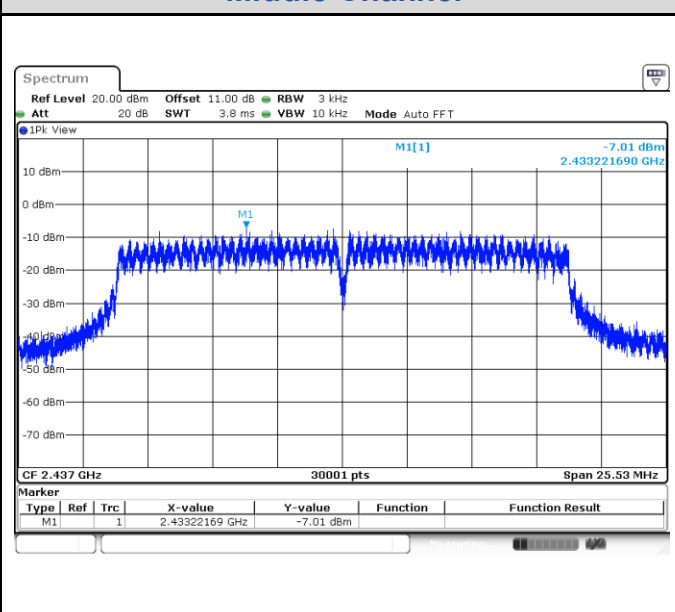
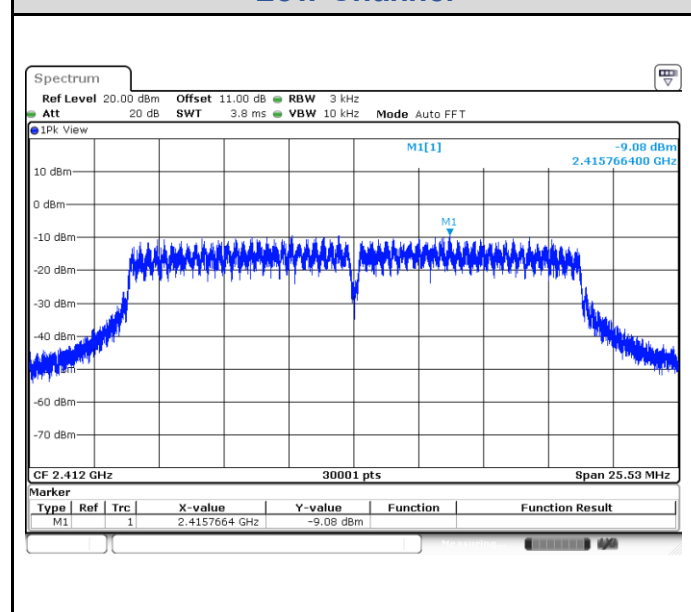
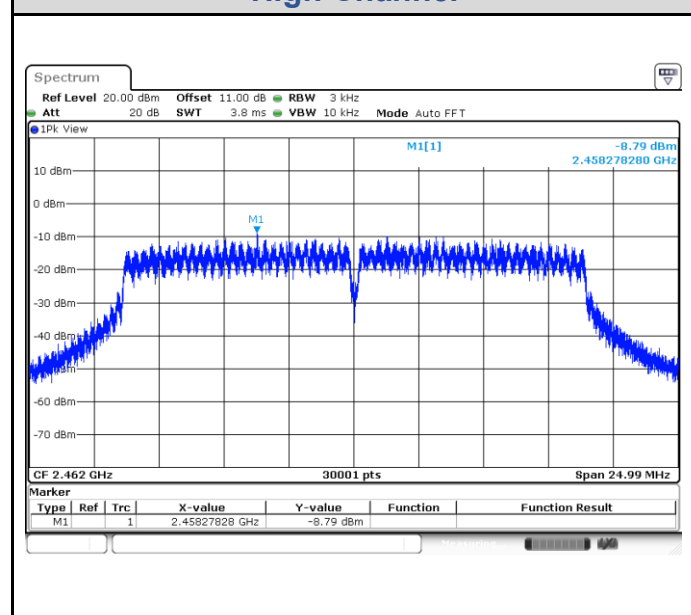


High Channel



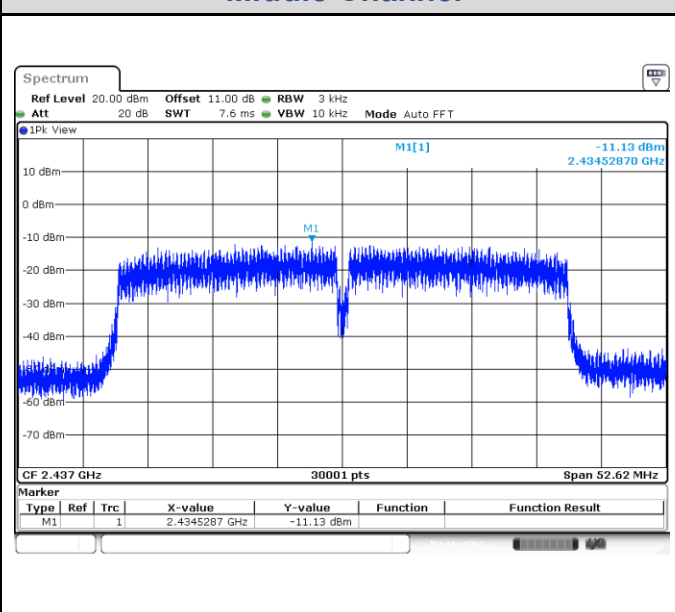
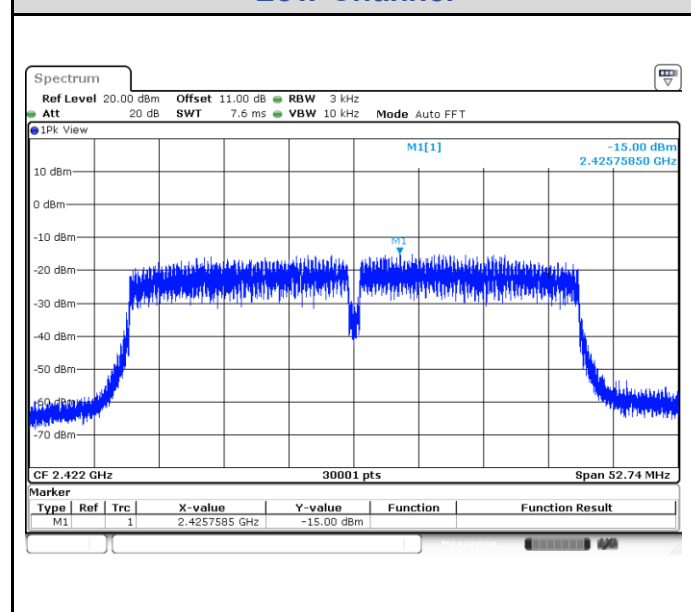
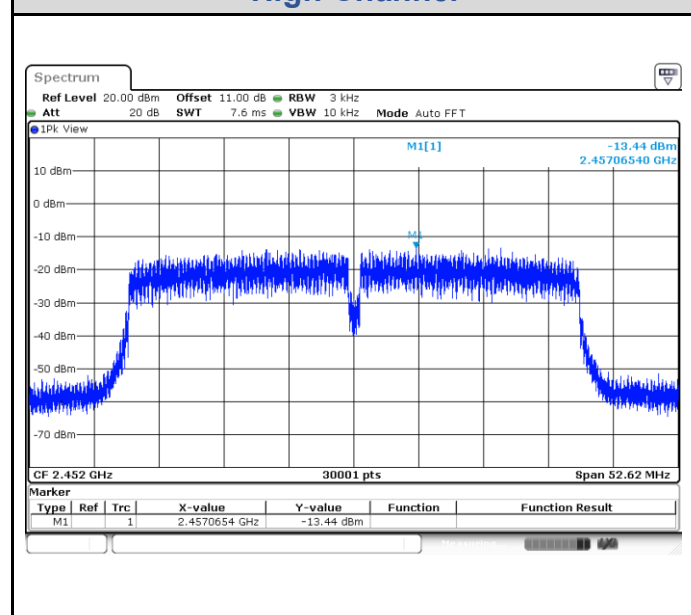
802.11n HT20

Channel	Channel Frequency (MHz)	Power Density (dBm/3kHz)	Limit (dBm/3kHz)
Low Channel	2412	-9.08	8
Middle Channel	2437	-7.01	8
High Channel	2462	-8.79	8

Low Channel
Middle Channel

High Channel


802.11n HT40

Channel	Channel Frequency (MHz)	Power Density (dBm/3kHz)	Limit (dBm/3kHz)
Low Channel	2422	-15.00	8
Middle Channel	2437	11.13	8
High Channel	2452	-13.44	8

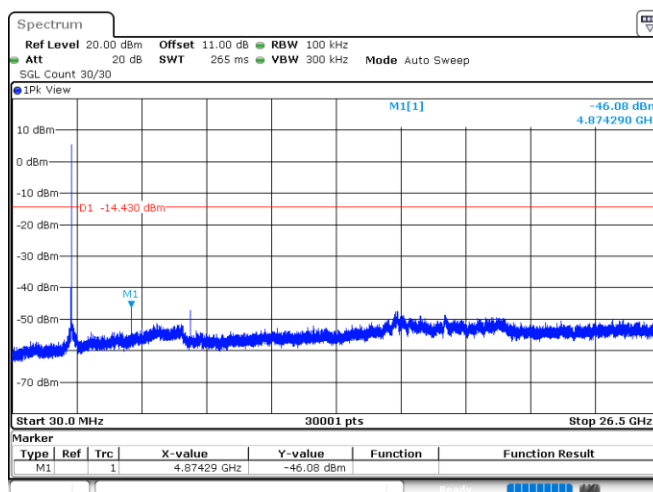
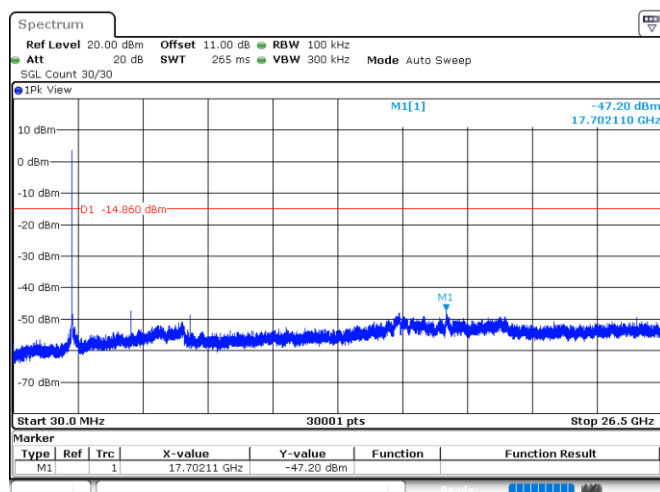
Low Channel
Middle Channel

High Channel


Test Result of Conducted Spurious Emissions

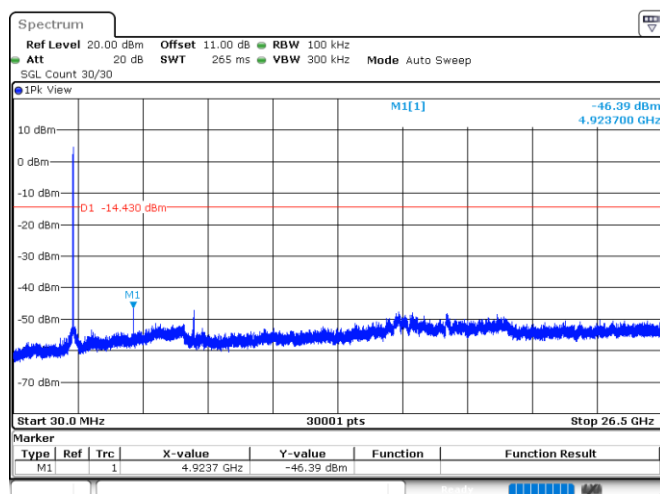
802.11b

Low Channel

Middle Channel



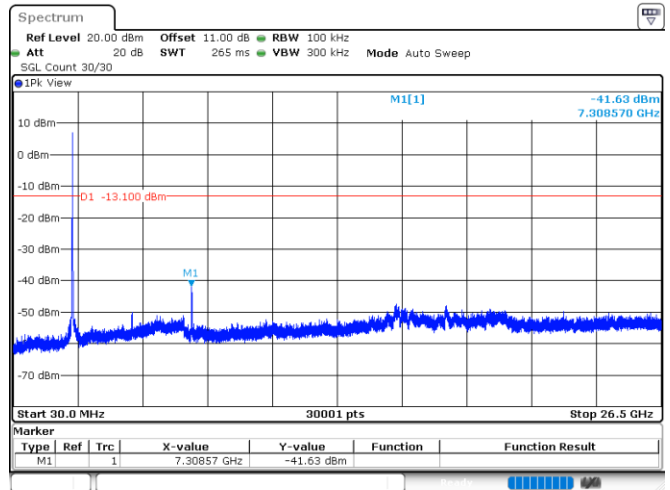
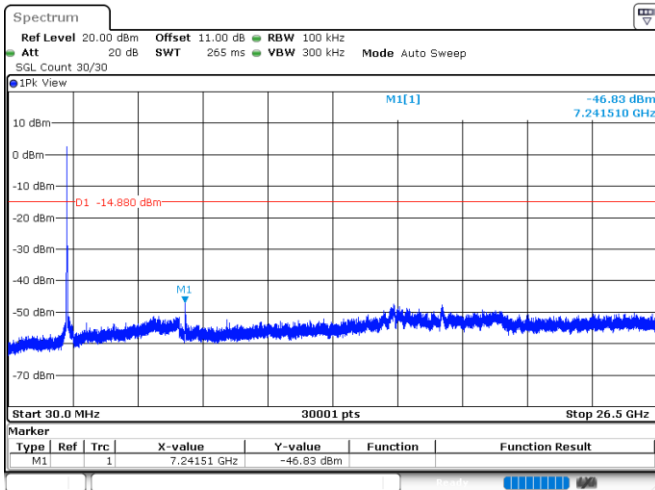
High Channel



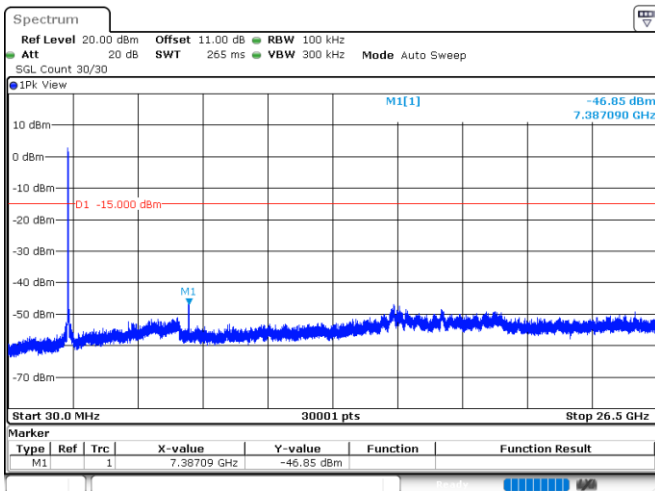
802.11g

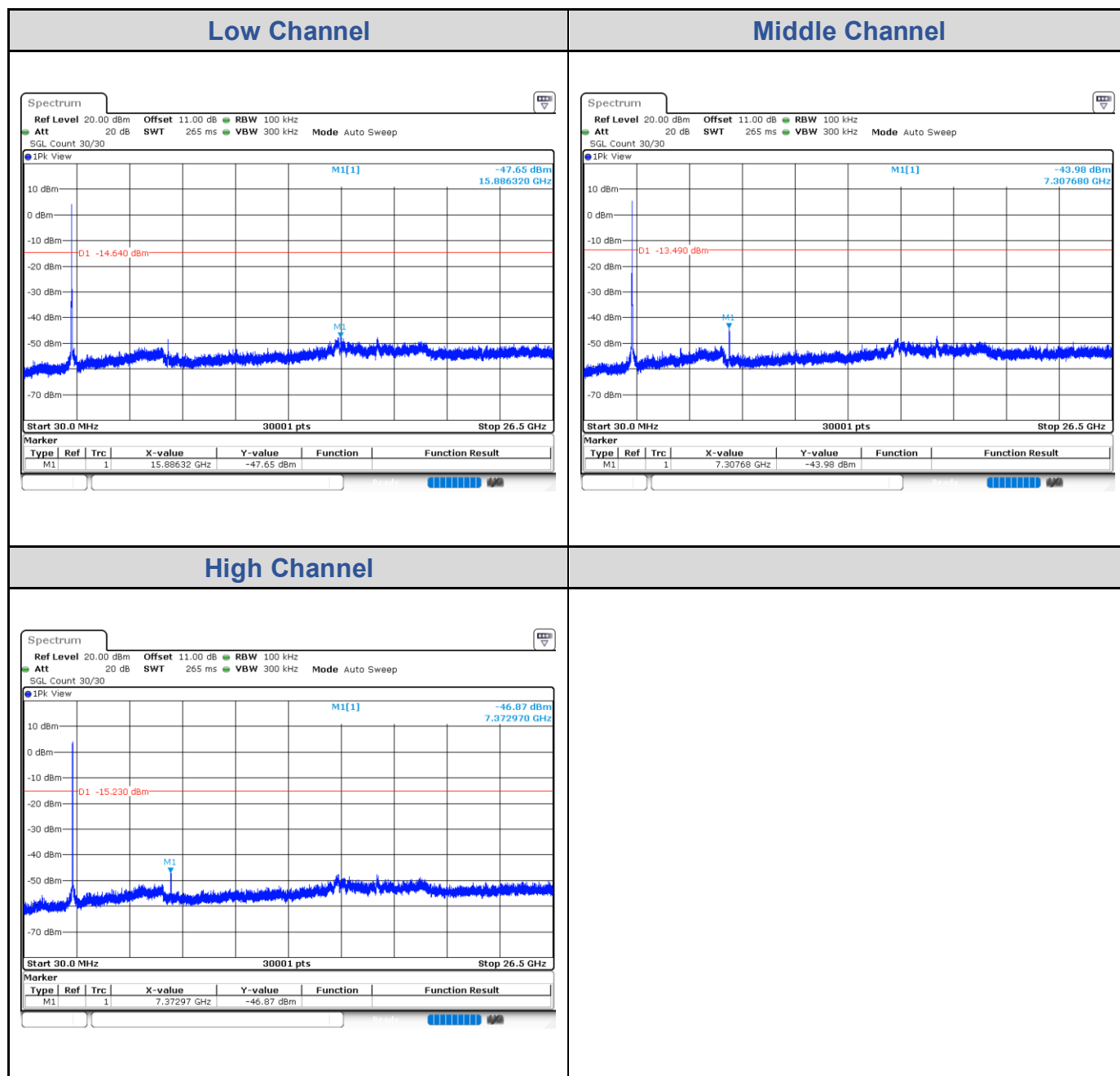
Low Channel

Middle Channel



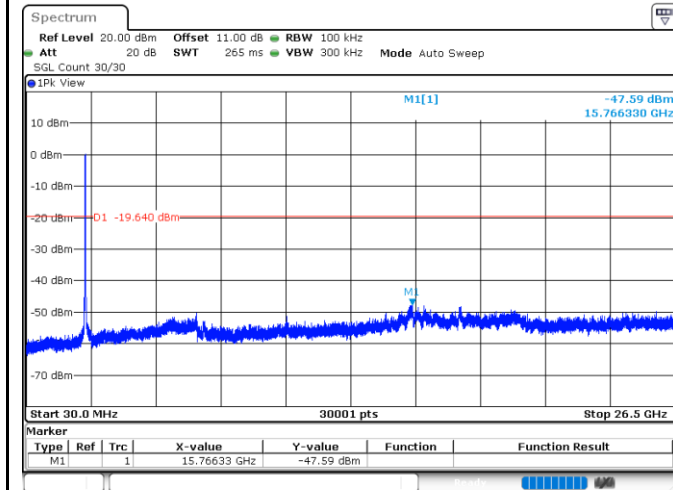
High Channel



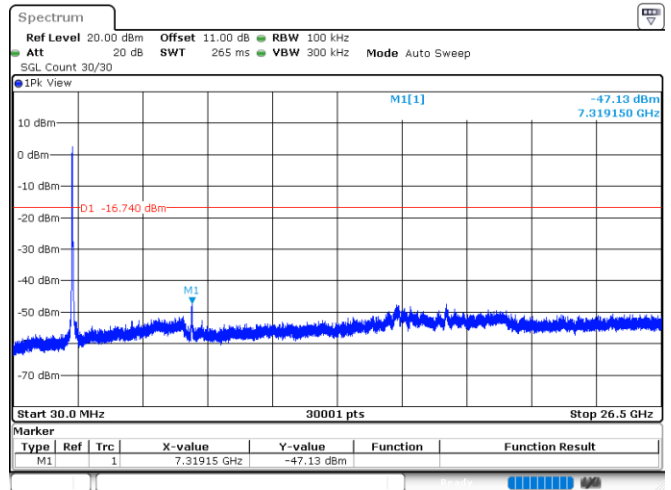
802.11n HT20
Low Channel
Middle Channel


802.11n HT40

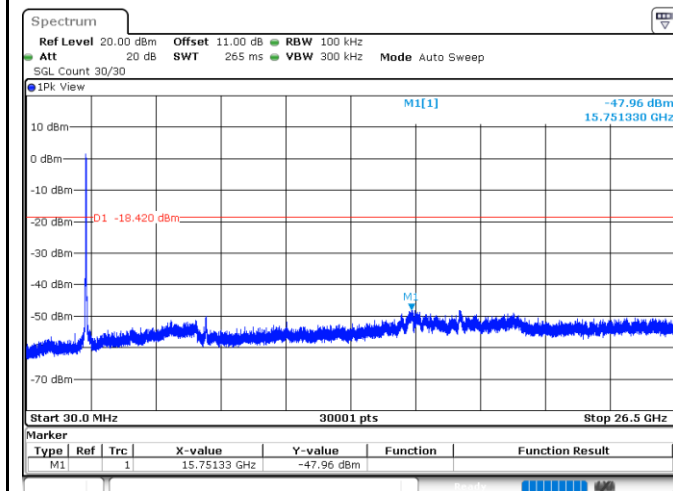
Low Channel



Middle Channel

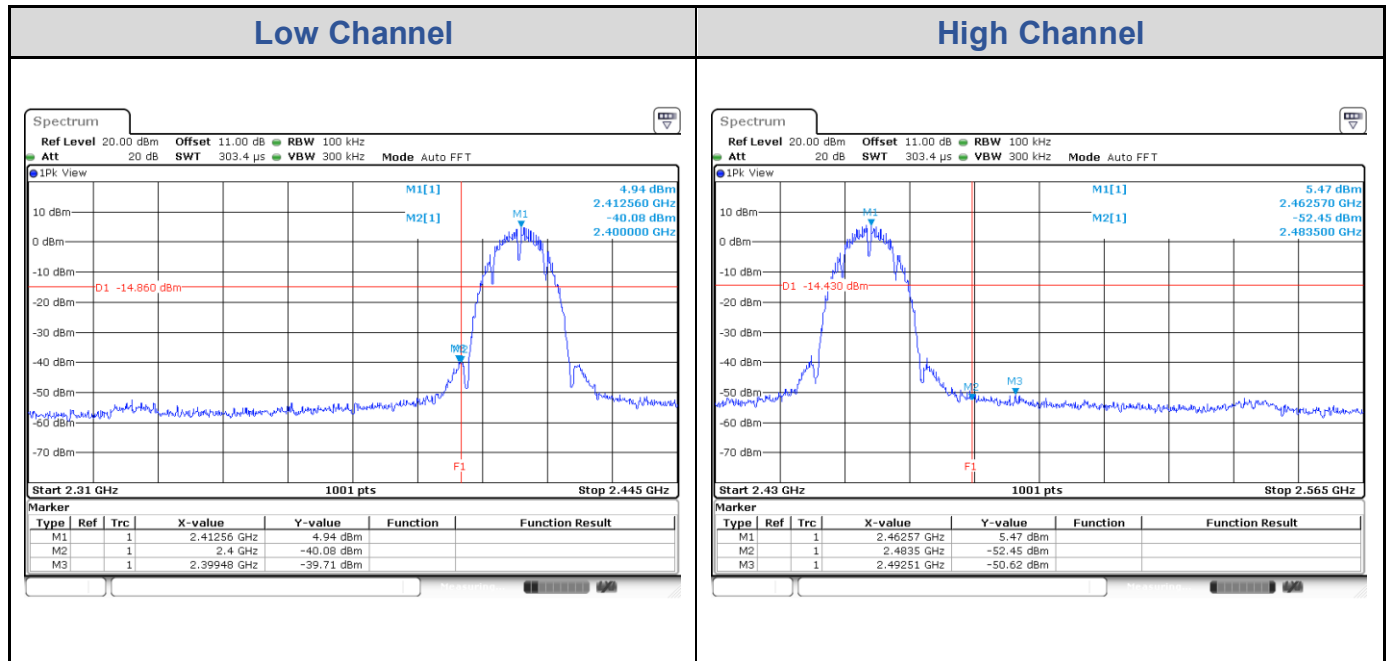


High Channel

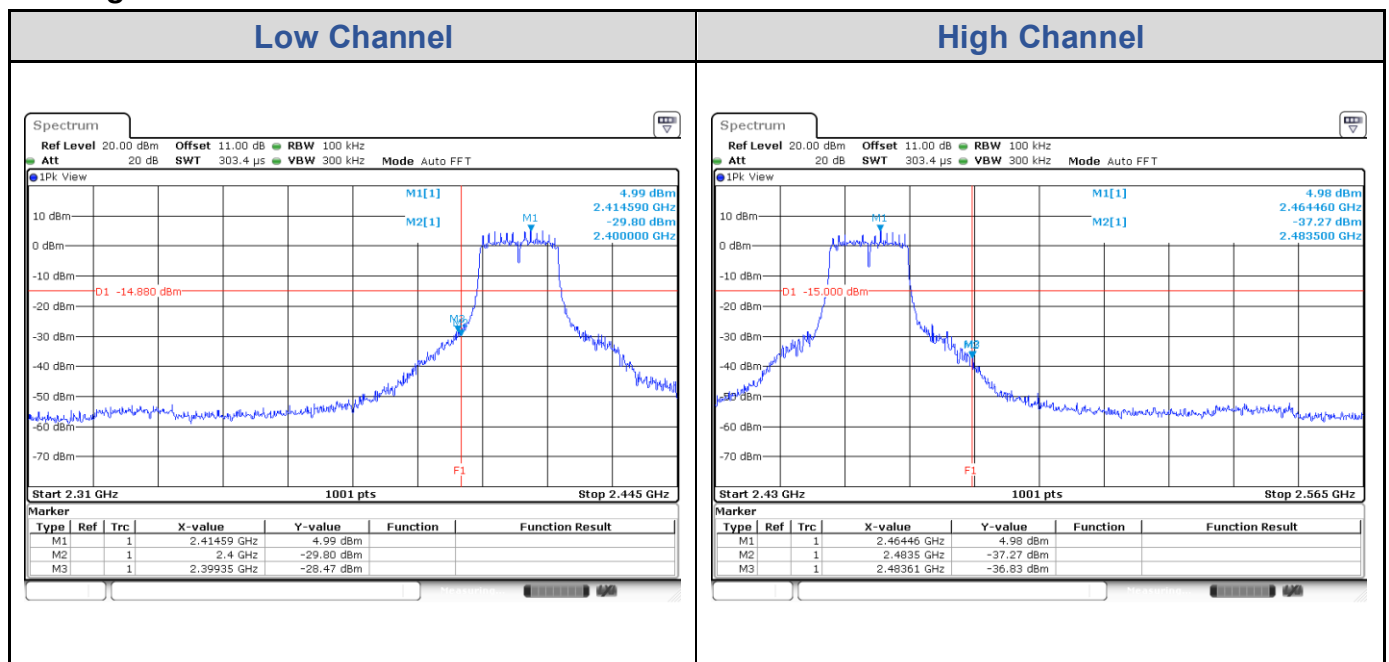


Test Result of Conducted Bandedge, Tx Mode

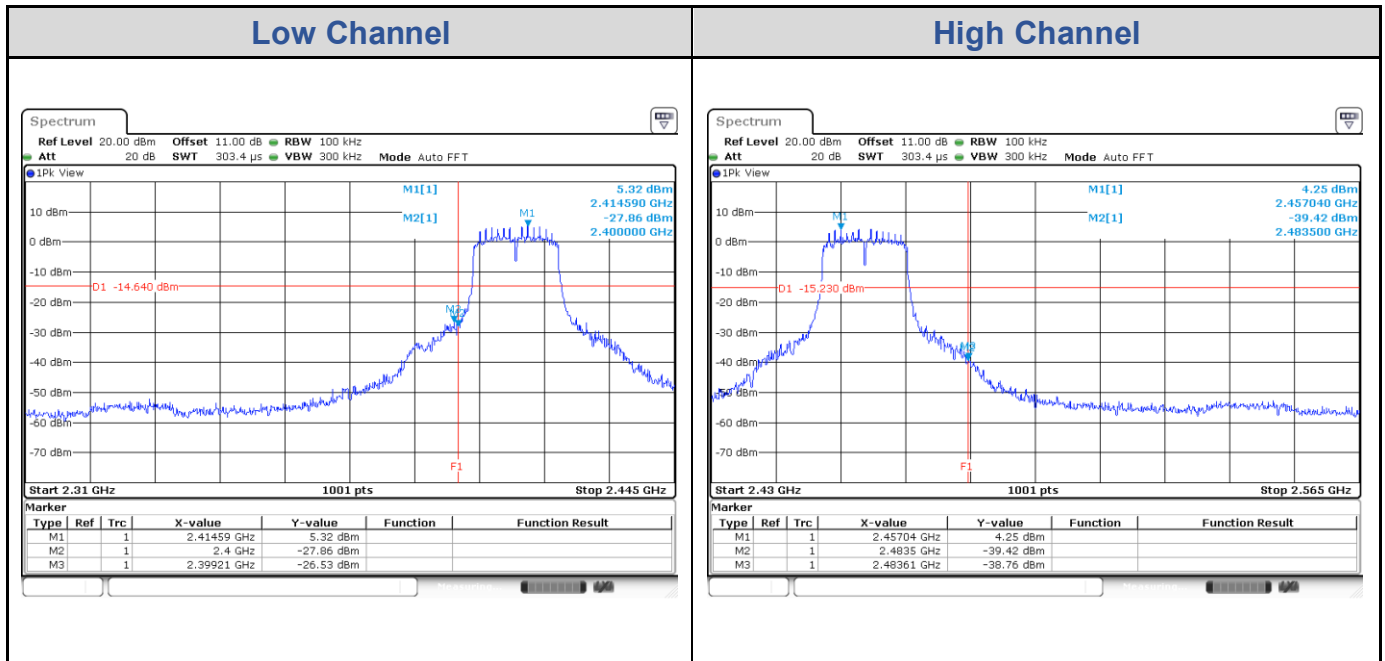
802.11b



802.11g



802.11n HT20



802.11n HT40

