Appendix A

Test Results of Wi-Fi 802.11b/g/n(HT20)/n(HT40) Conducted Testing

APPENDIX A **1**

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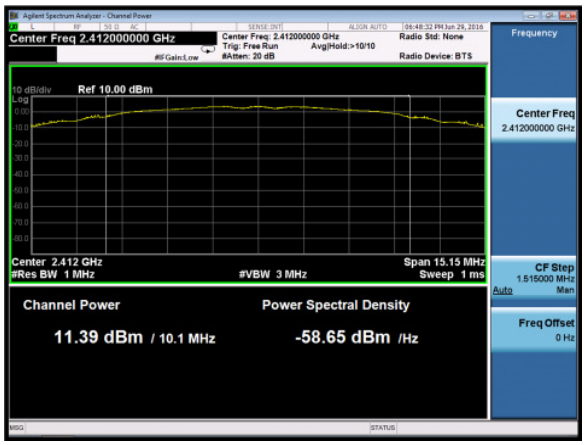
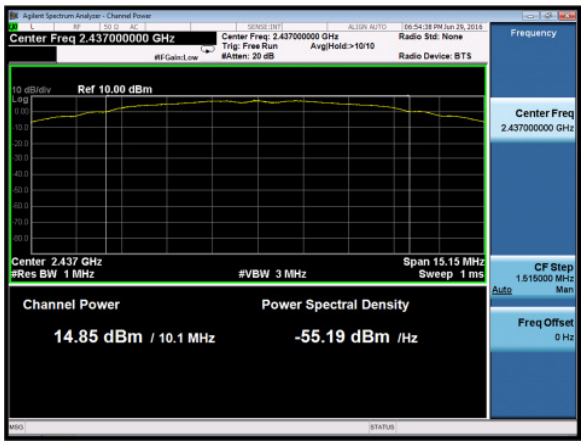
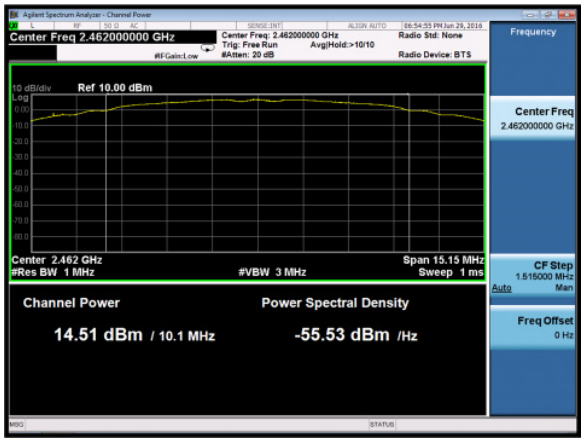
Appendix A.1: Maximum Peak Conducted Output Power

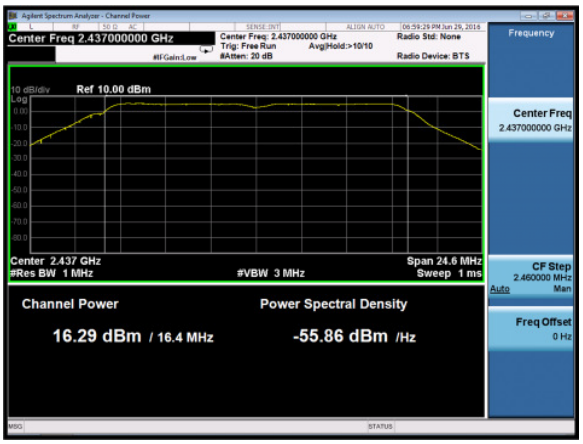
Wi-Fi 802.11 b mode, 1 Mbps



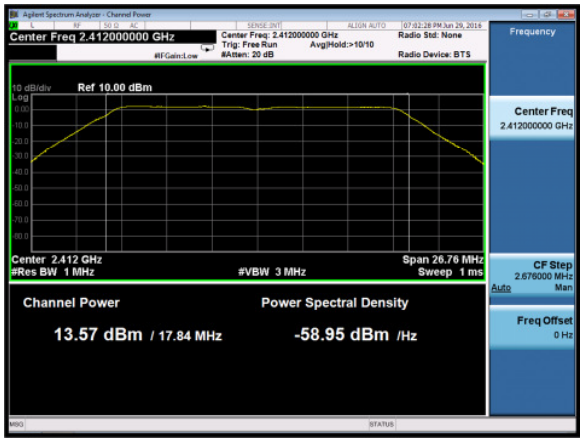


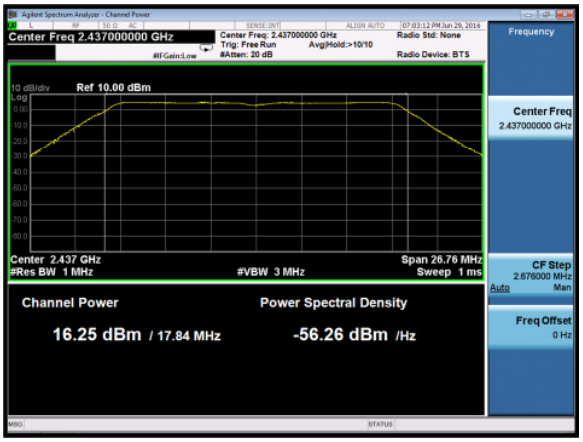


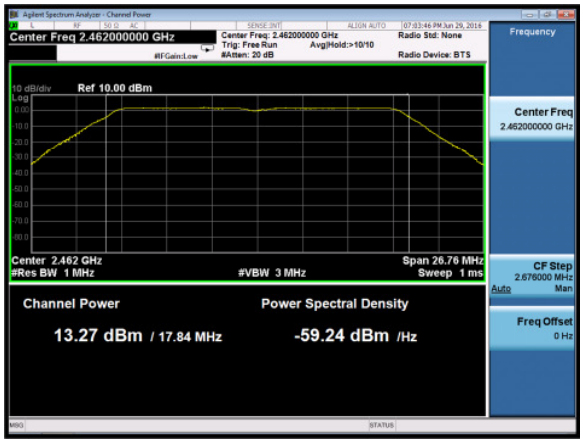
Wi-Fi 802.11 g mode, 6 Mbps



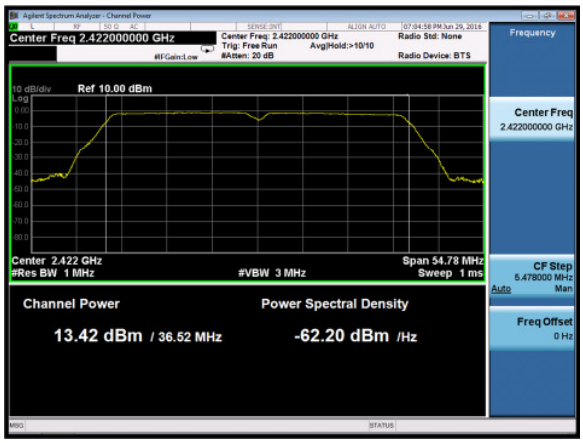
Wi-Fi 802.11 n(HT20) mode, MCS0

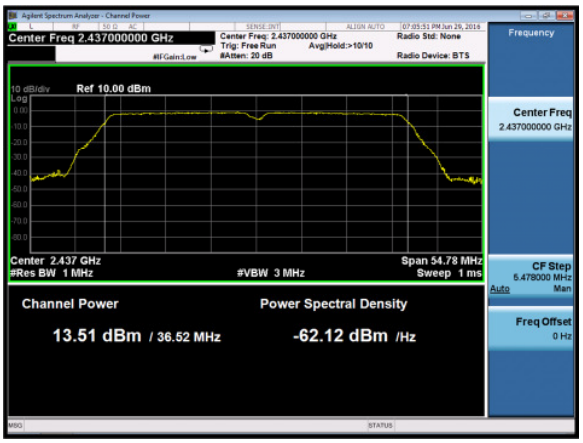


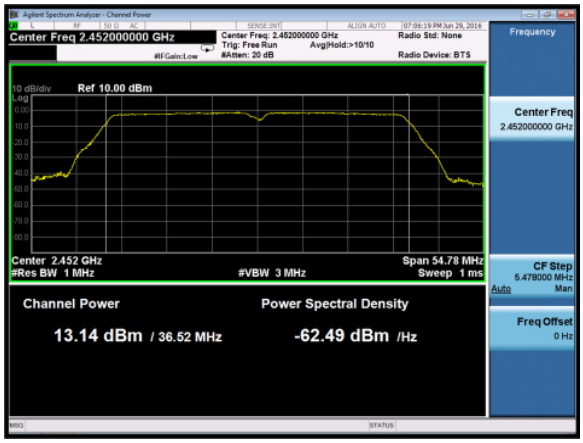




Wi-Fi 802.11 n(HT40) mode, MCS0



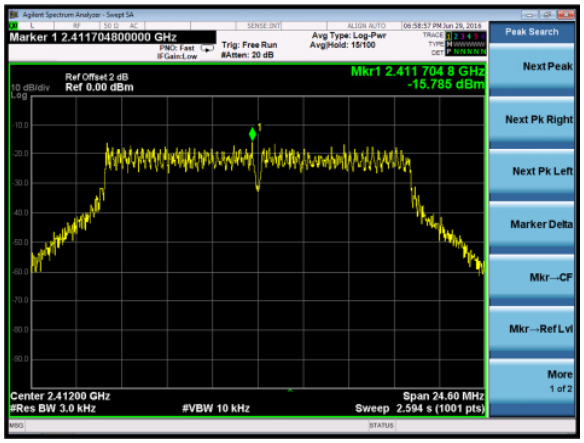


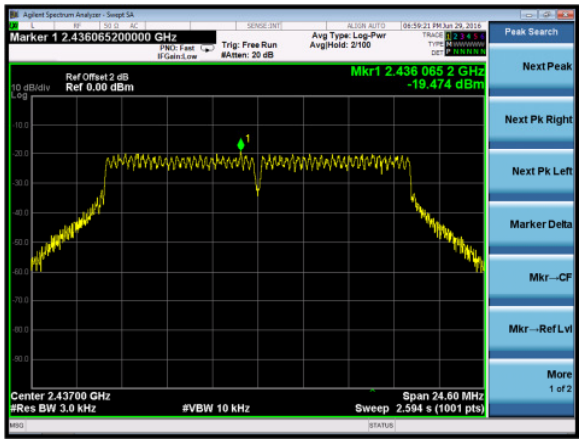


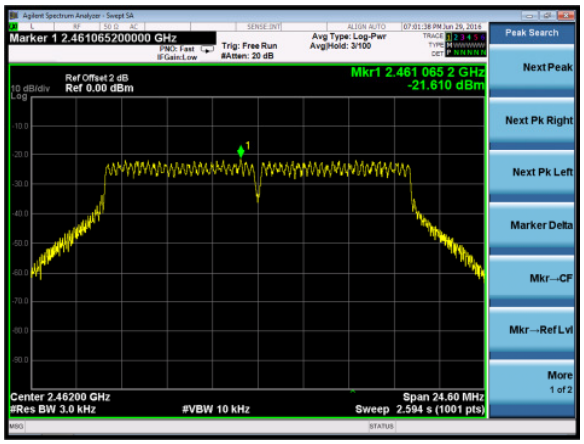
Appendix A.2: Conducted Power Spectral Density

Wi-Fi 802.11 b mode, 1 Mbps

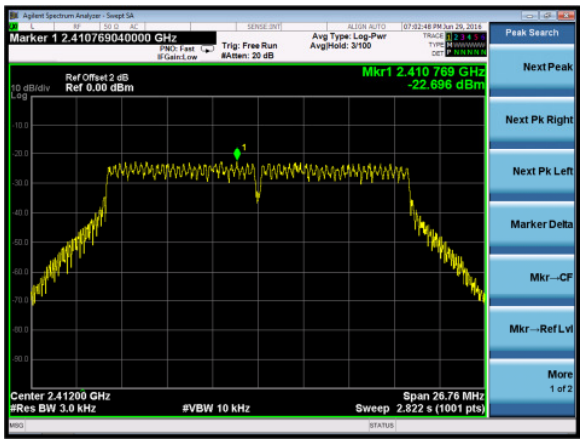
Wi-Fi 802.11 g mode, 6 Mbps

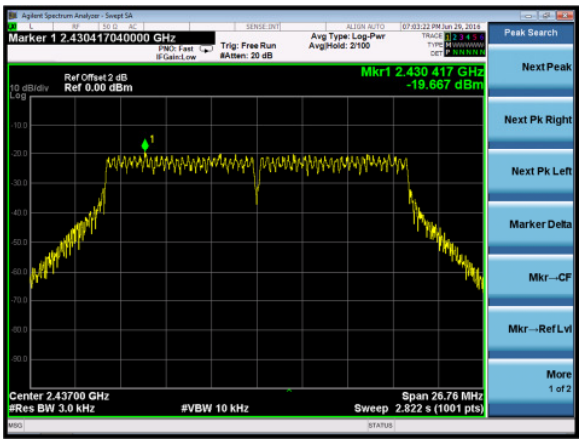


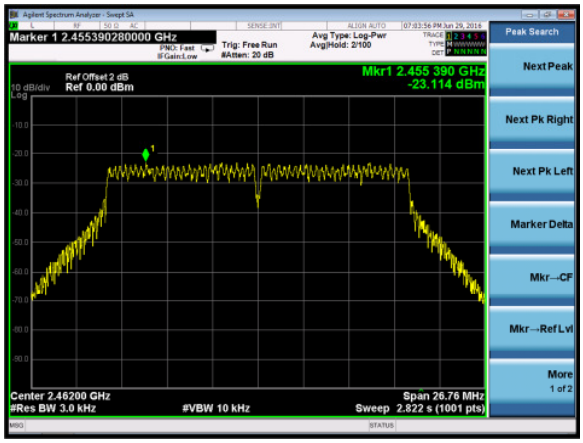




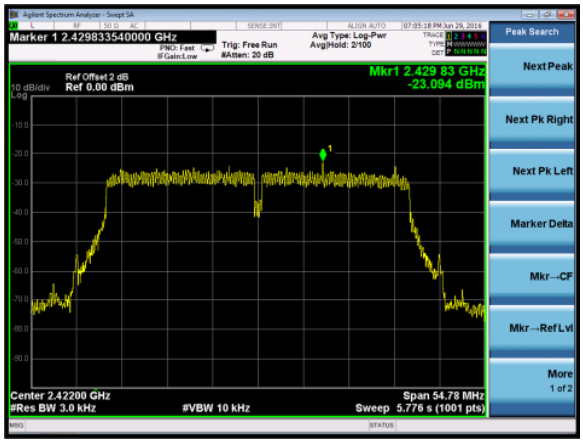
Wi-Fi 802.11 n(HT20) mode, MCS0

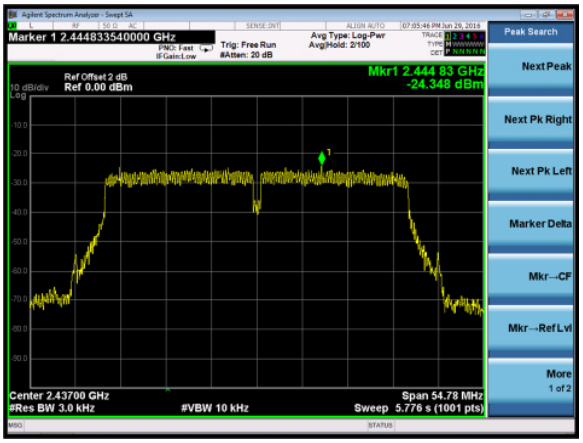


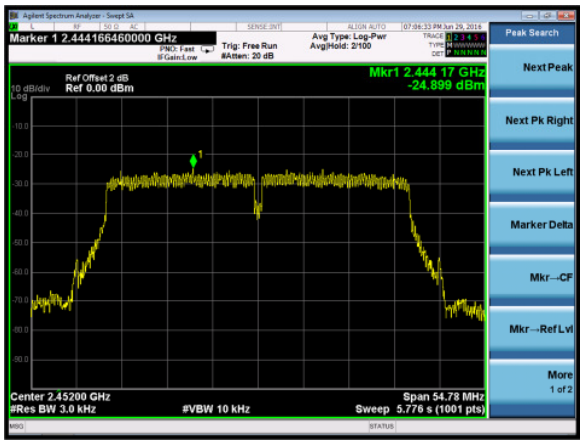




Wi-Fi 802.11 n(HT40) mode, MCS0

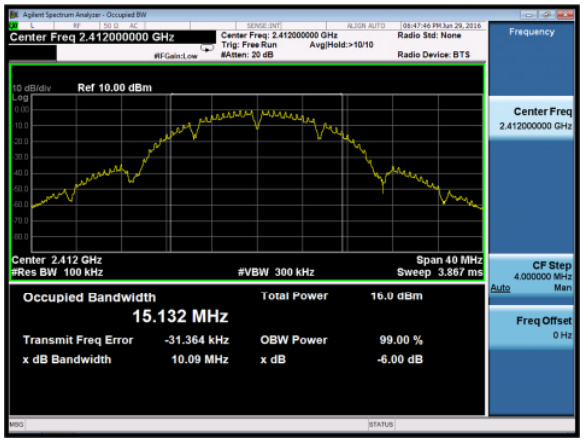


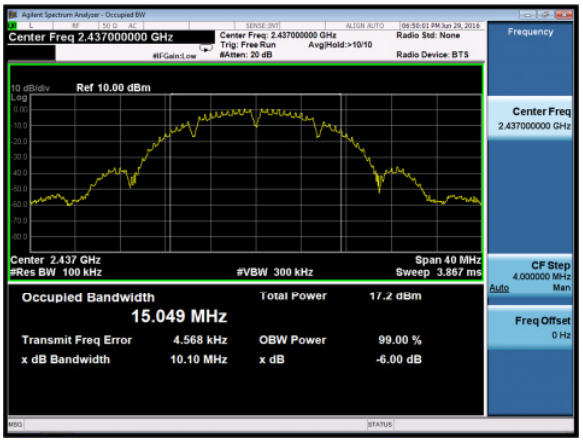


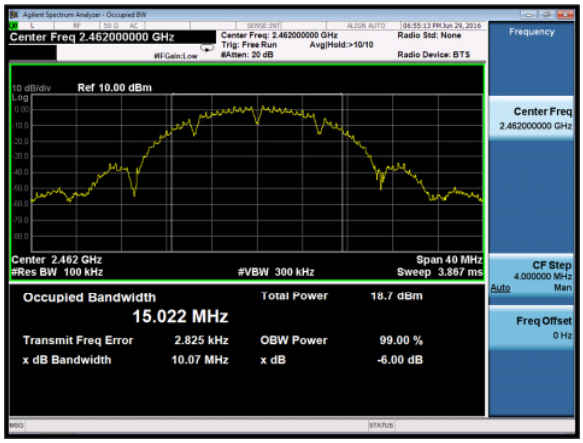


Appendix A.3: 6dB Bandwidth

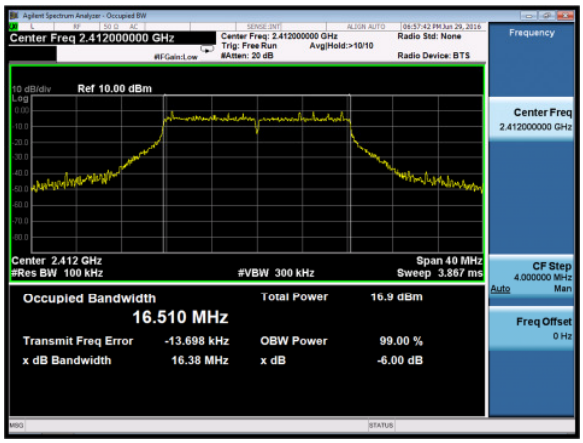
Wi-Fi 802.11 b mode, 1 Mbps

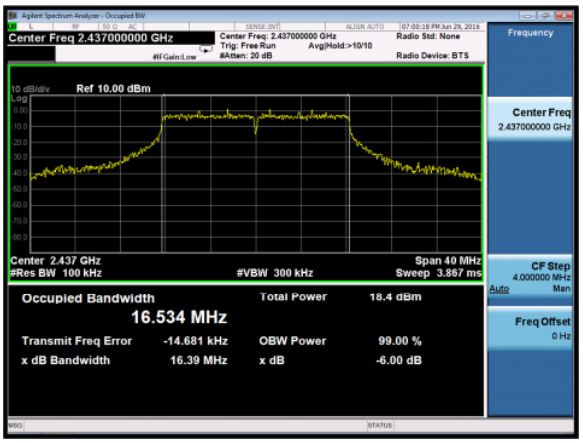


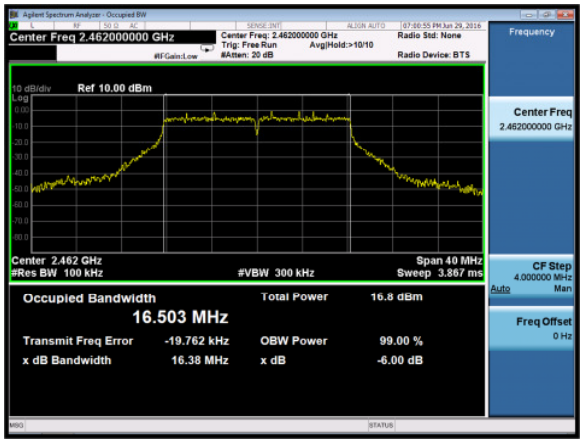




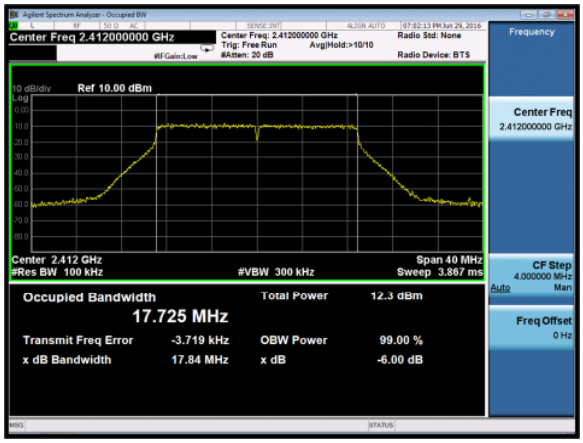
Wi-Fi 802.11 g mode, 6 Mbps

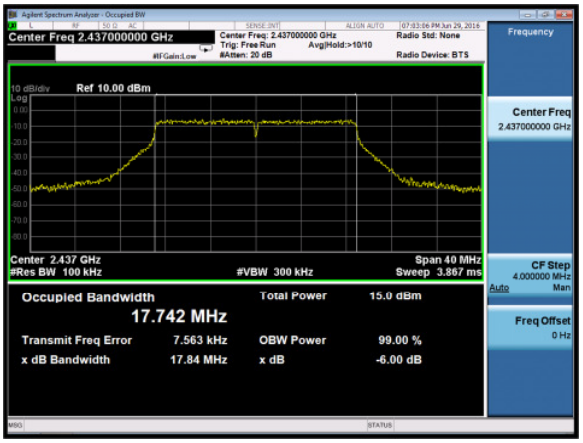


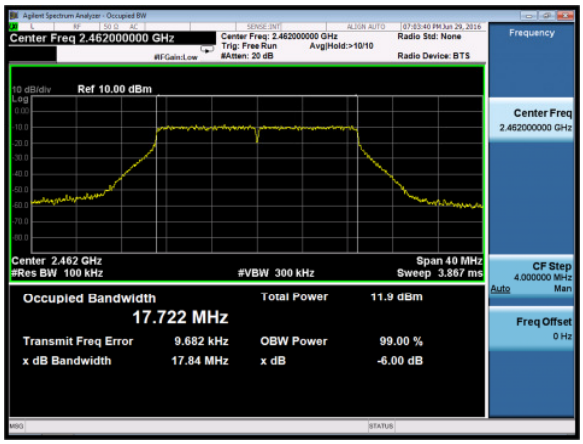




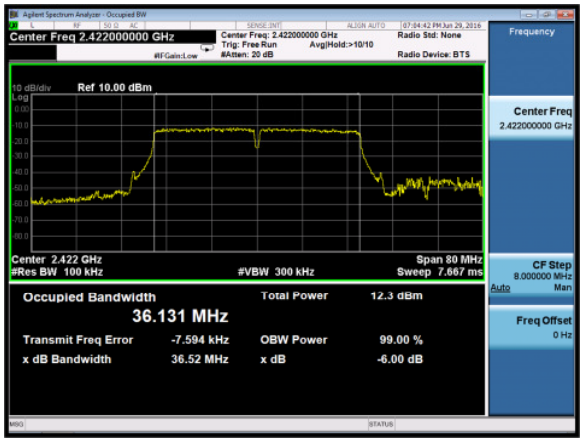
Wi-Fi 802.11 n(HT20) mode, MCS0

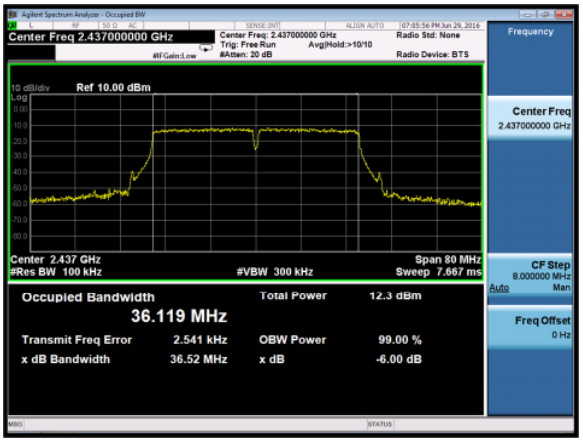


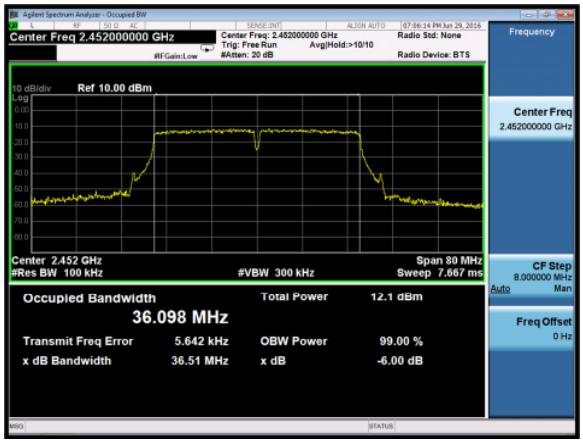




Wi-Fi 802.11 n(HT40) mode, MCS0







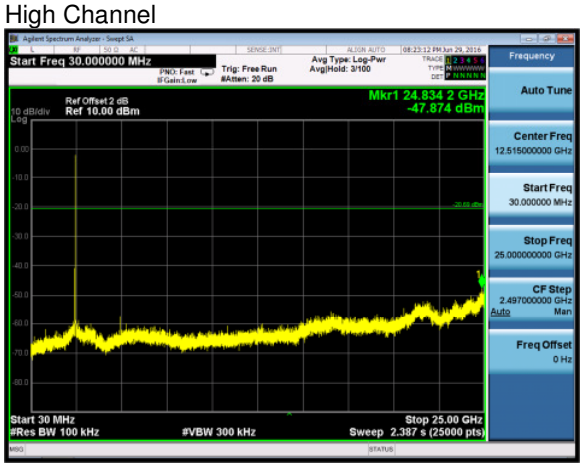
Appendix A.4: Conducted Spurious Emissions Measured in 100 kHz Bandwidth

Wi-Fi 802.11 b mode, 1 Mbps

Low Channel

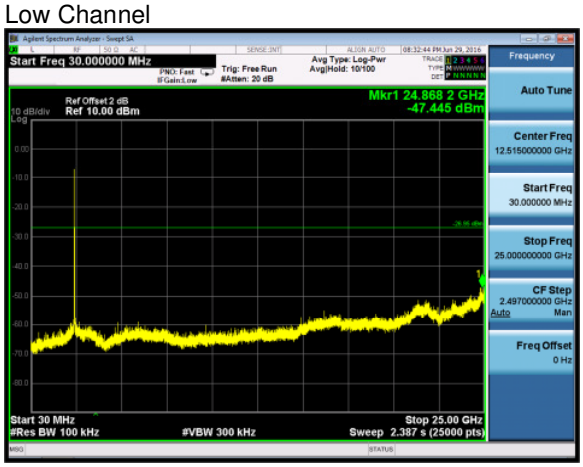
Middle Channel

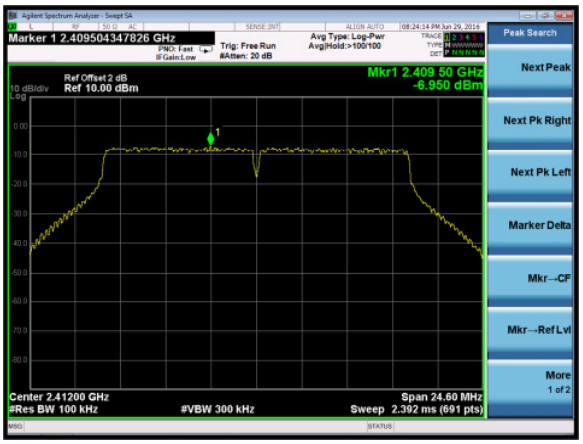
High Channel



Wi-Fi 802.11 g mode, 6 Mbps

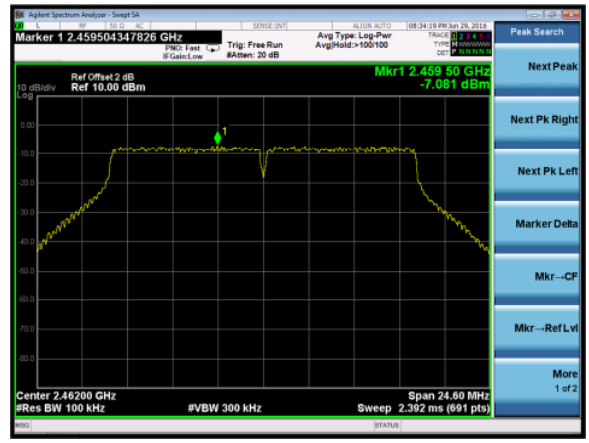
Low Channel





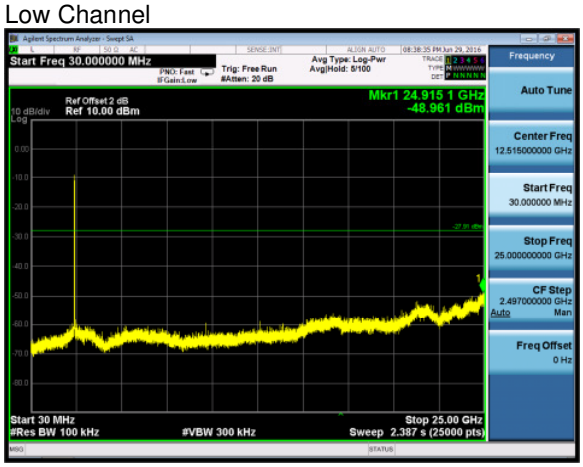
Middle Channel

High Channel



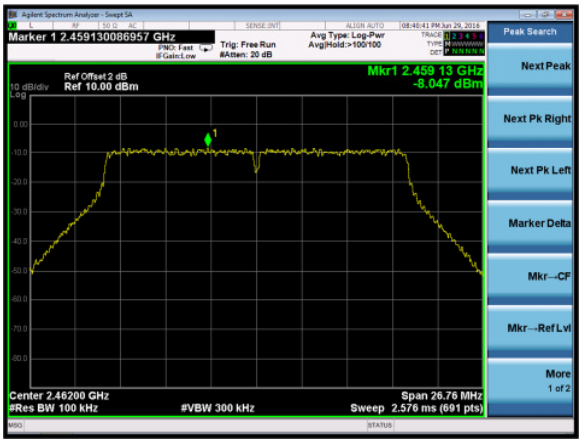
Wi-Fi 802.11 n(HT20) mode, MCS0

Low Channel



Middle Channel

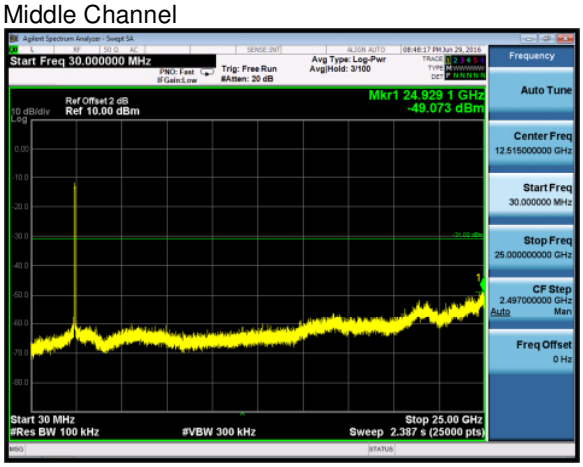
High Channel



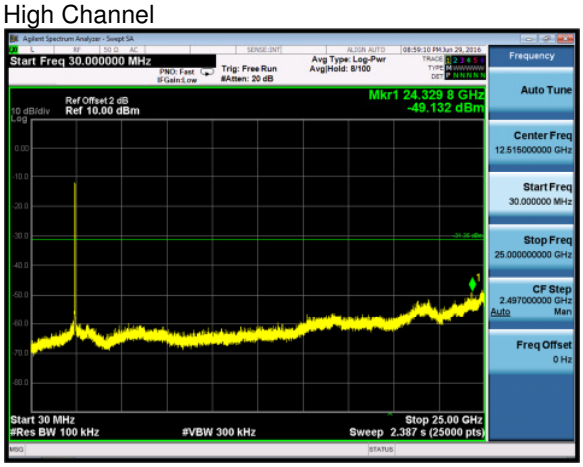
Wi-Fi 802.11 n(HT40) mode, MCS0

Low Channel

Middle Channel



High Channel



Wi-Fi 802.11 b mode, Band Edge

Wi-Fi 802.11 g mode, Band Edge

Wi-Fi 802.11 n(HT20) mode, Band Edge

Wi-Fi 802.11 n(HT40) mode, Band Edge