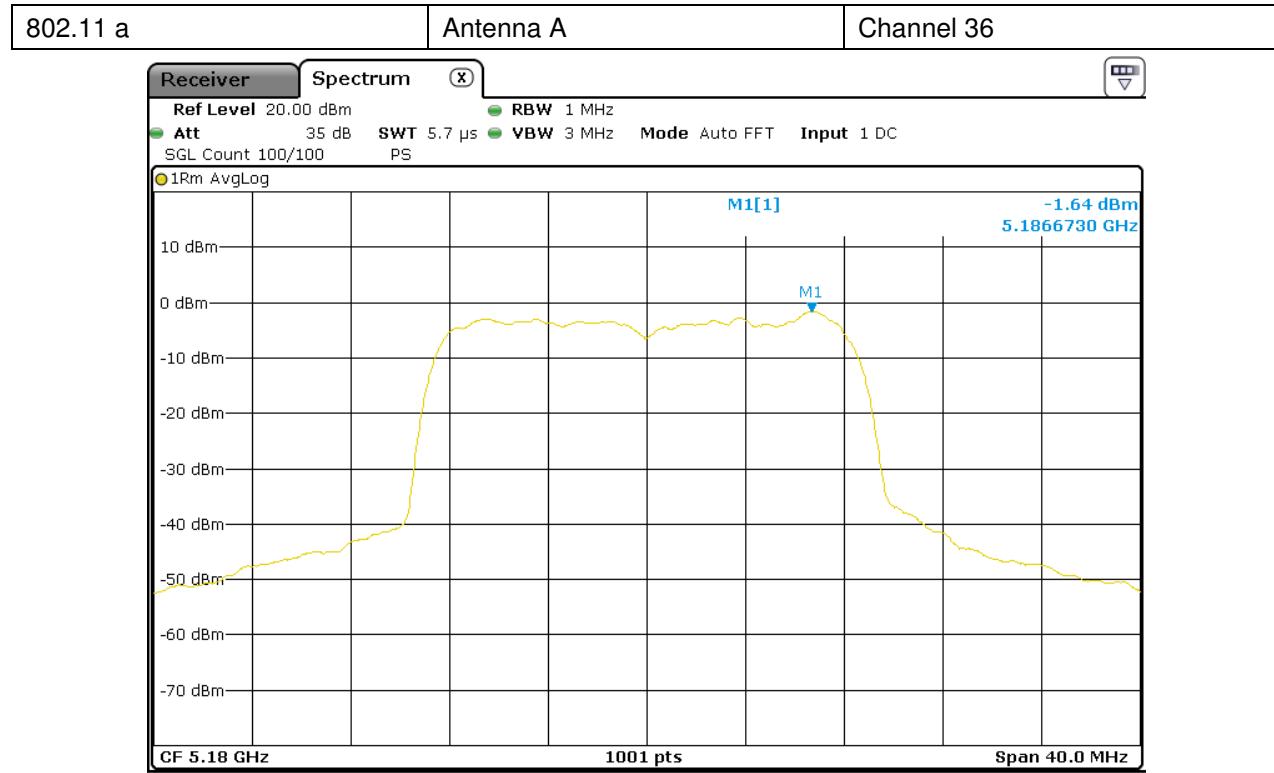


Appendix II

Test plots of Peak Power spectrum density

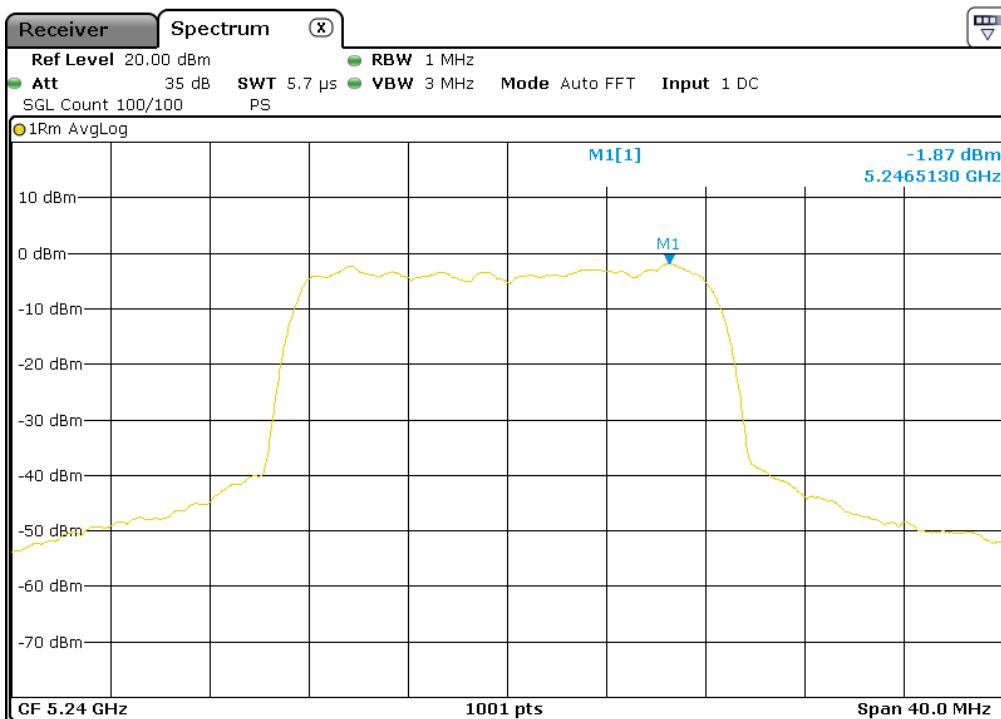
a. Single Input Single Output mode test plot as follows:



802.11 a Antenna A Channel 40



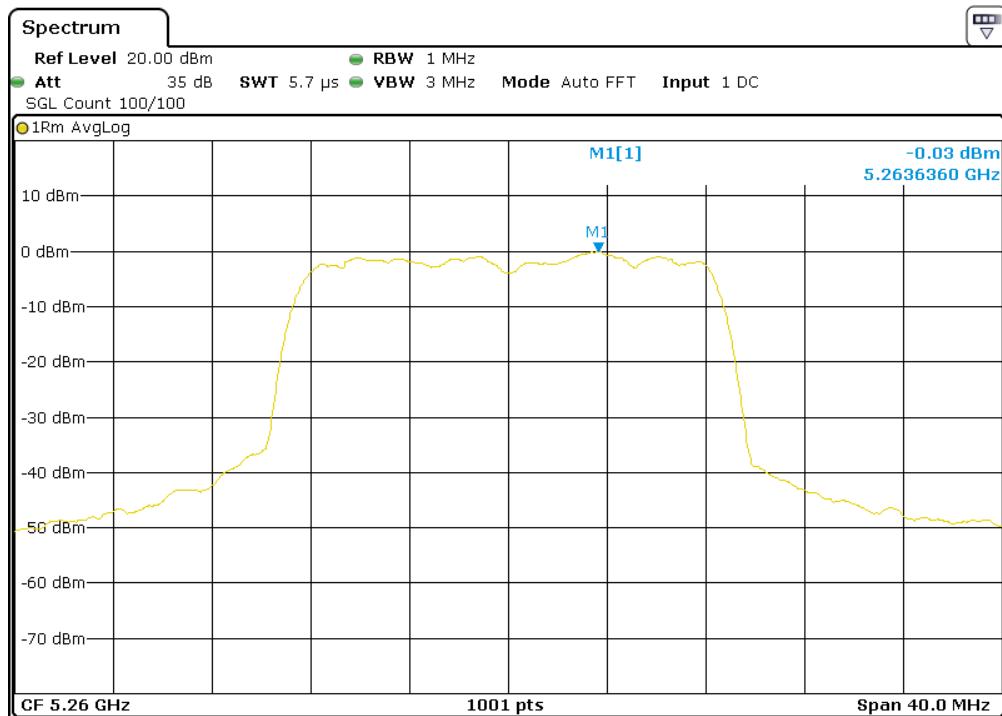
802.11 a Antenna A Channel 48



802.11 a

Antenna A

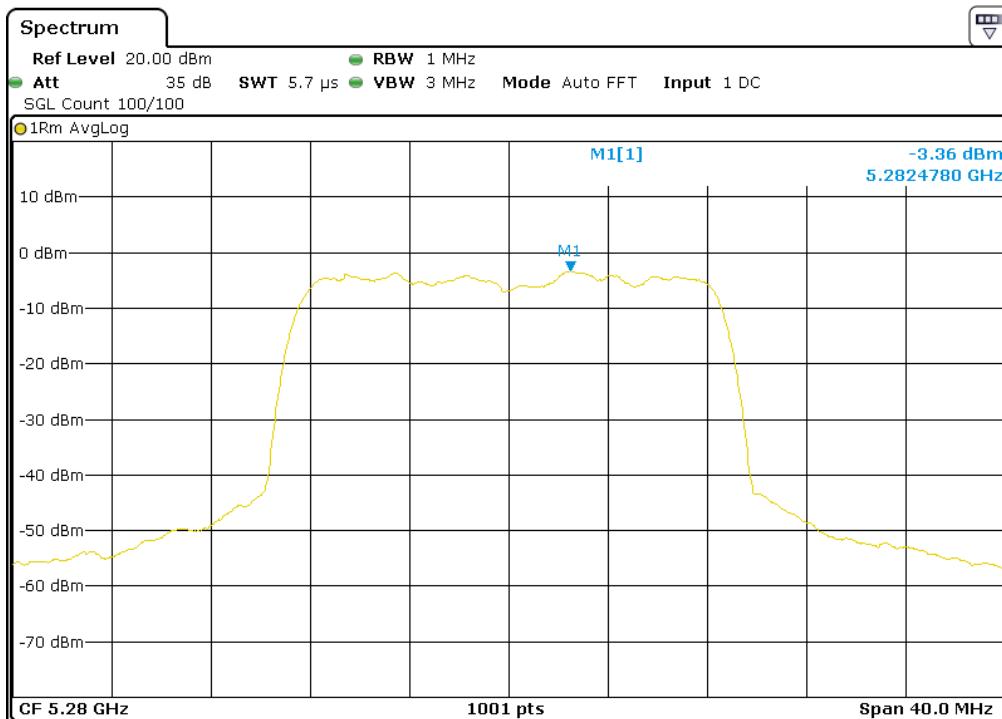
Channel 52



802.11 a

Antenna A

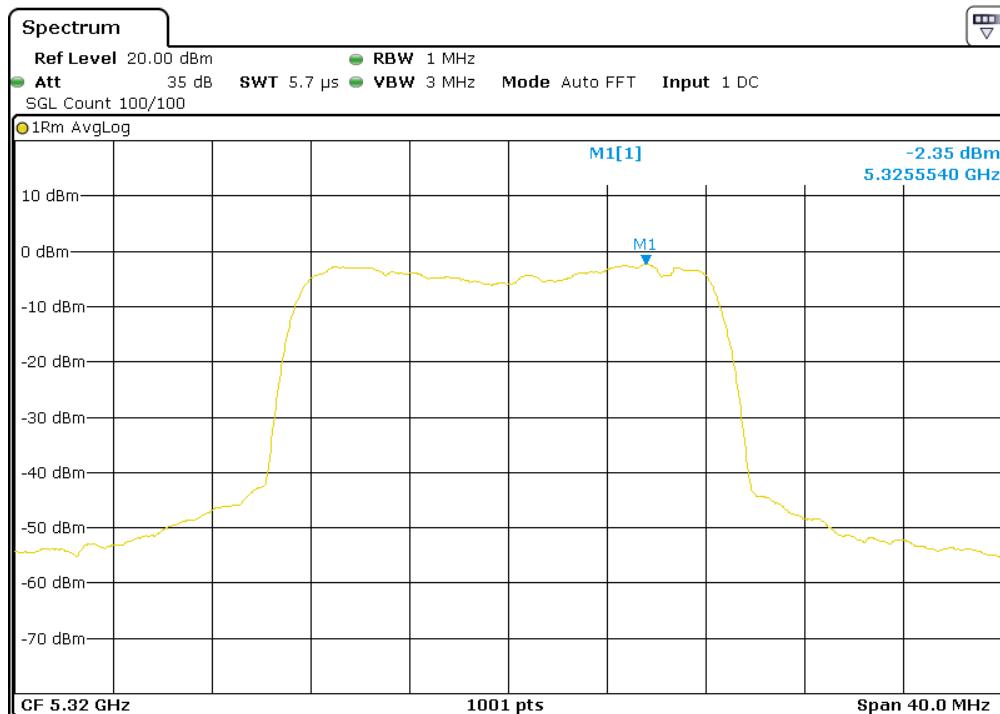
Channel 56



802.11 a

Antenna A

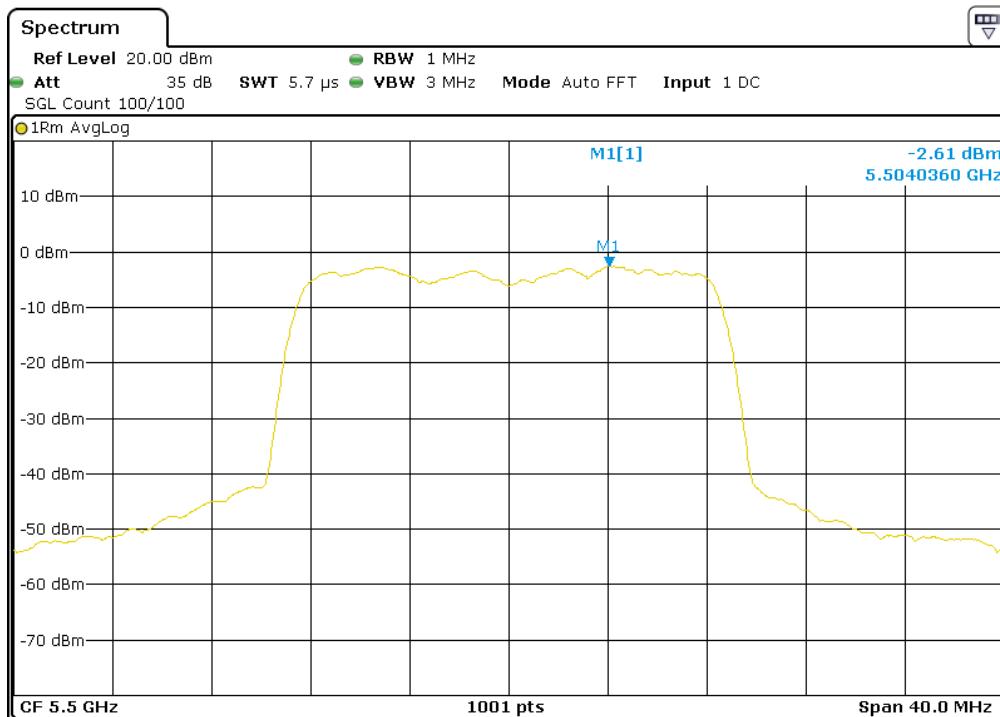
Channel 64



802.11 a

Antenna A

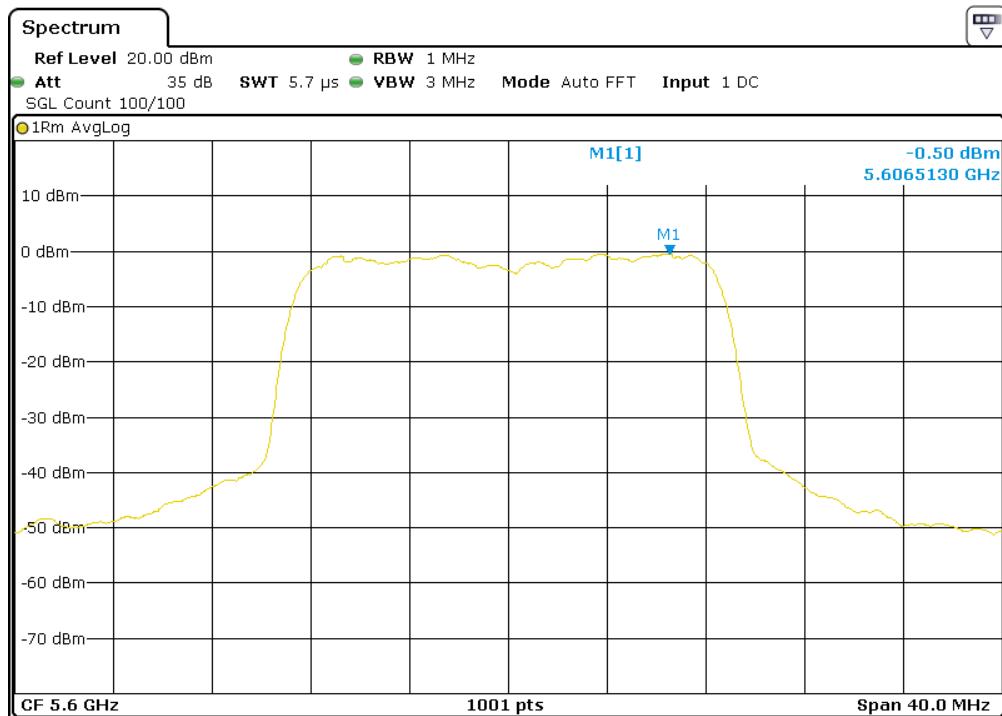
Channel 100



802.11 a

Antenna A

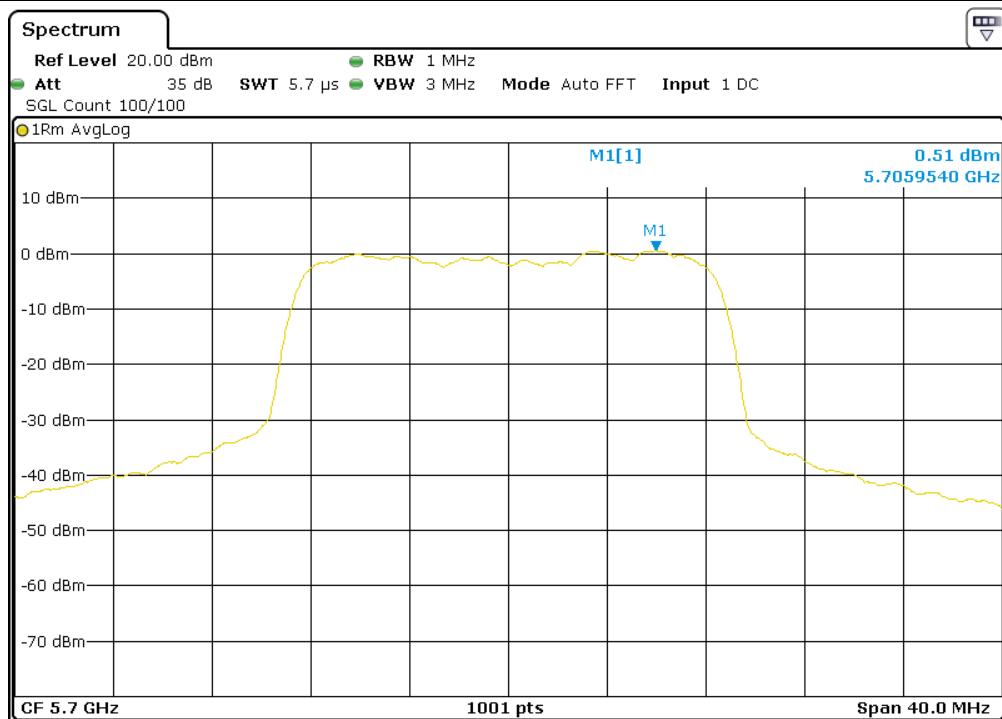
Channel 120



802.11 a

Antenna A

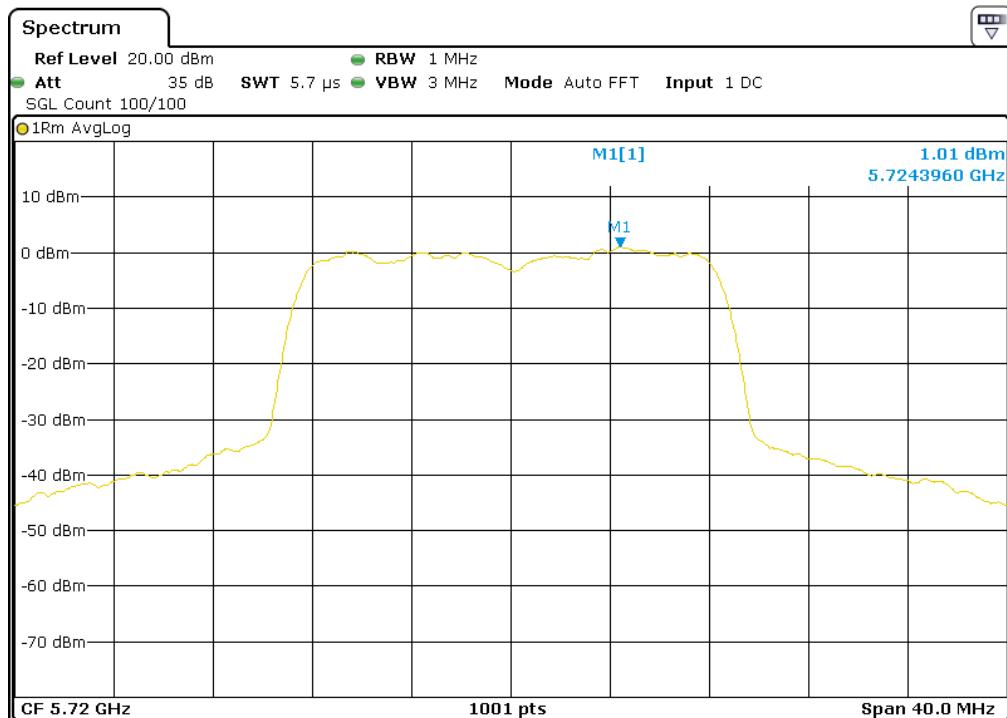
Channel 140



802.11 a

Antenna A

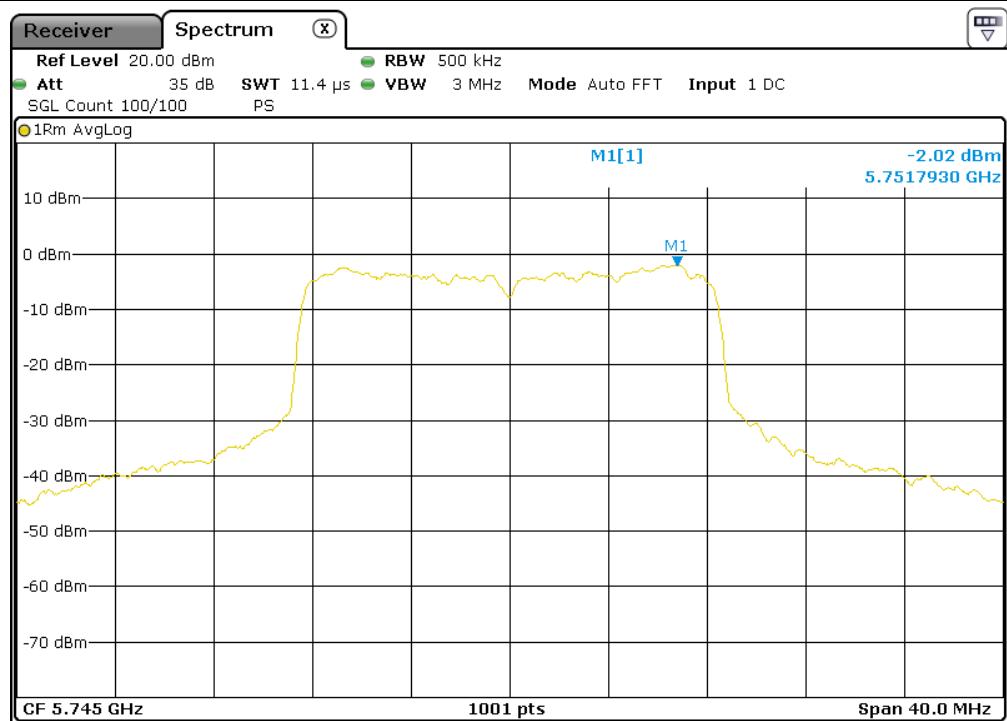
Channel 144



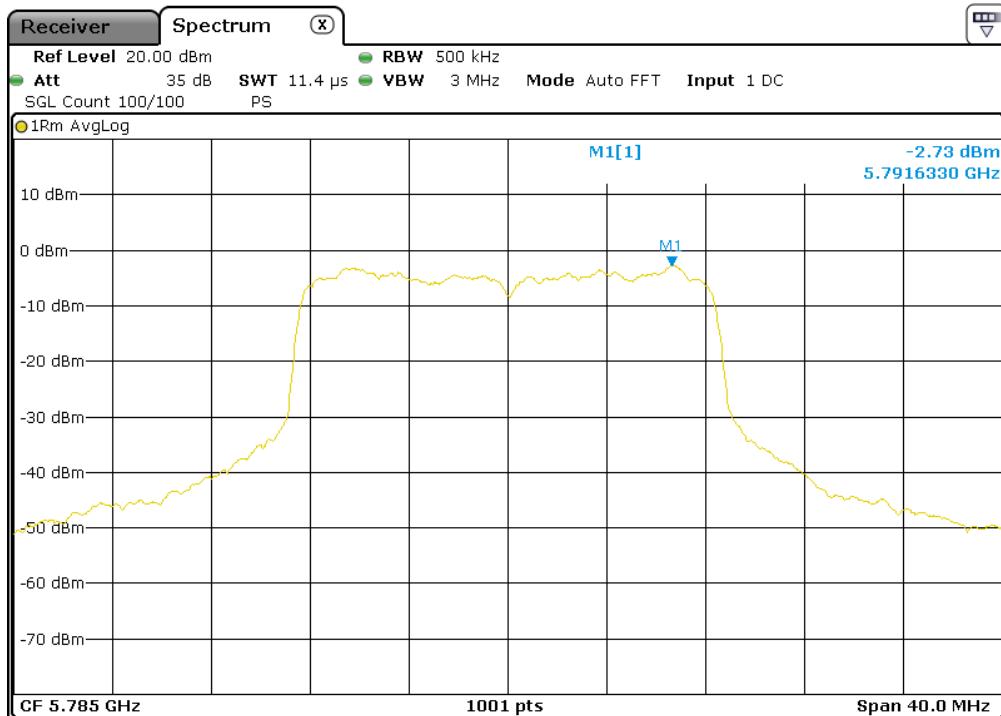
802.11 a

Antenna A

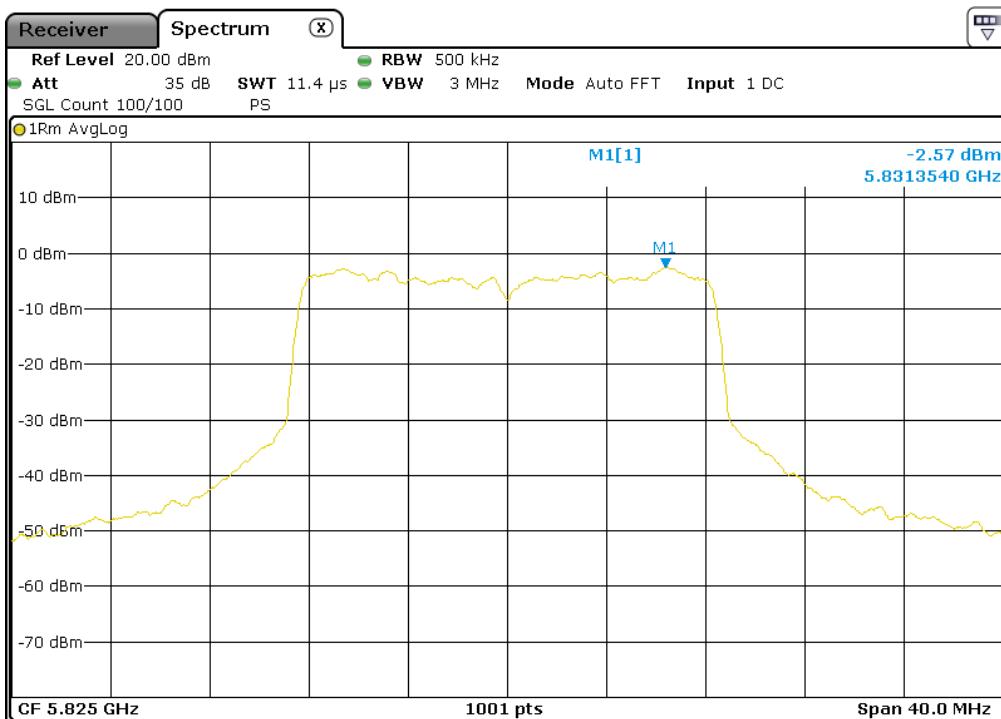
Channel 149



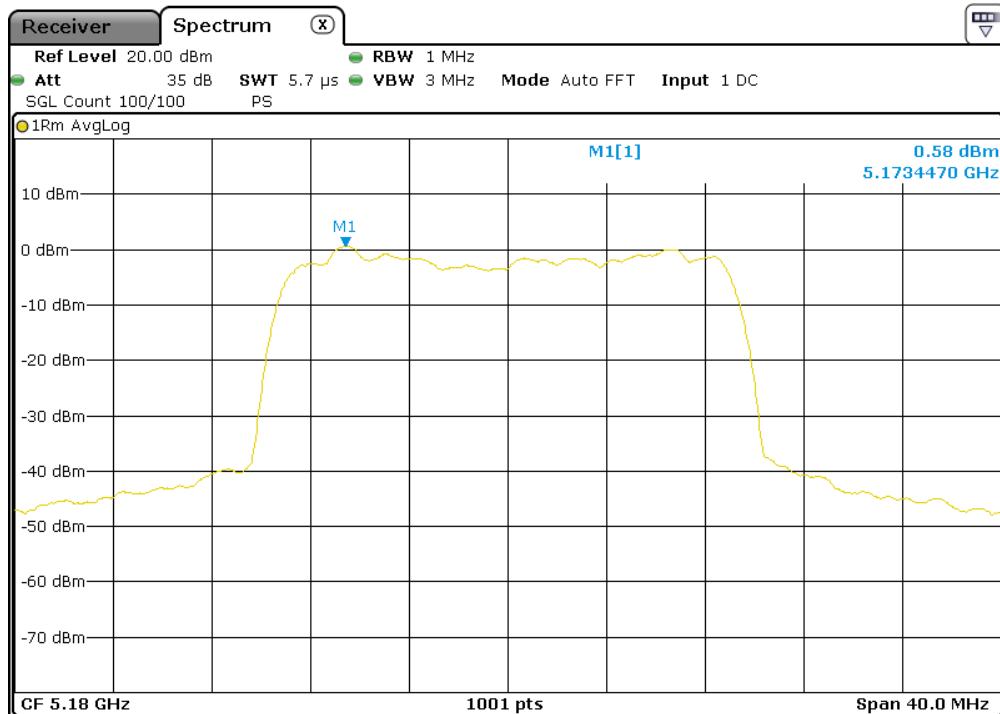
802.11 a Antenna A Channel 157



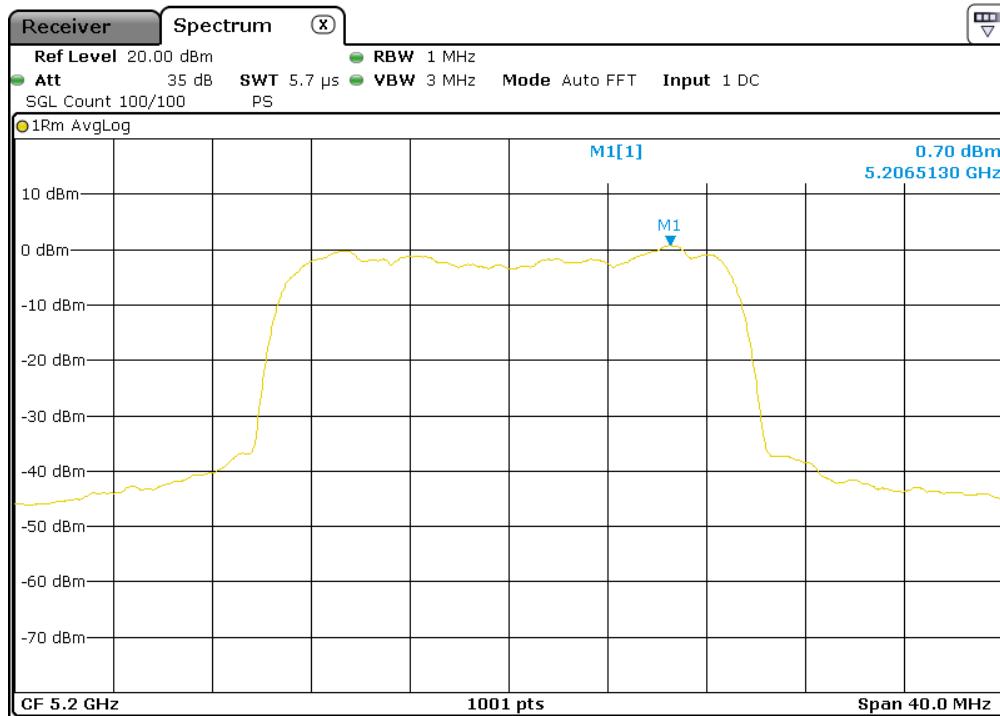
802.11 a Antenna A Channel 165



802.11 n(HT20)	Antenna A	Channel 36
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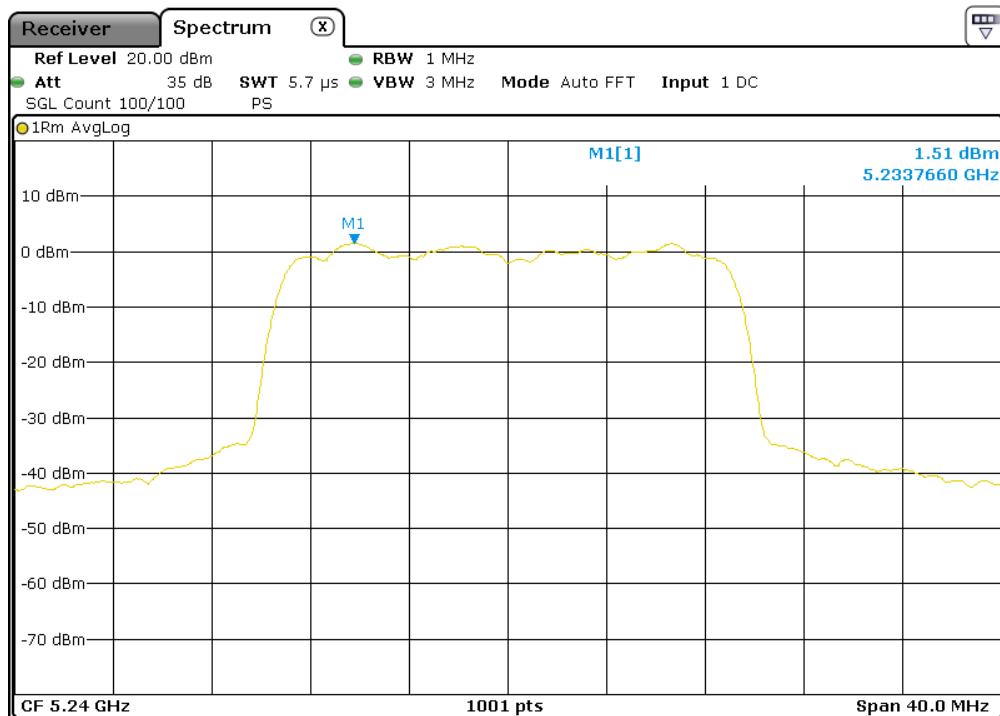
802.11 n(HT20)	Antenna A	Channel 40
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802.11 n(HT20)

Antenna A

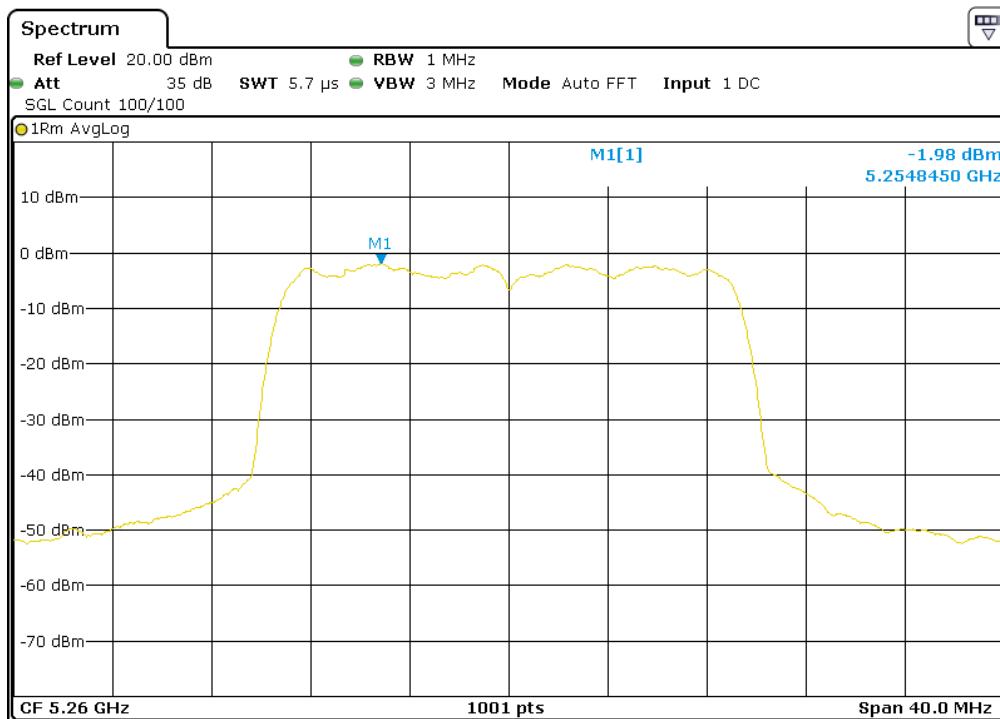
Channel 48



802.11 n(HT20)

Antenna A

Channel 52



802.11 n(HT20)

Antenna A

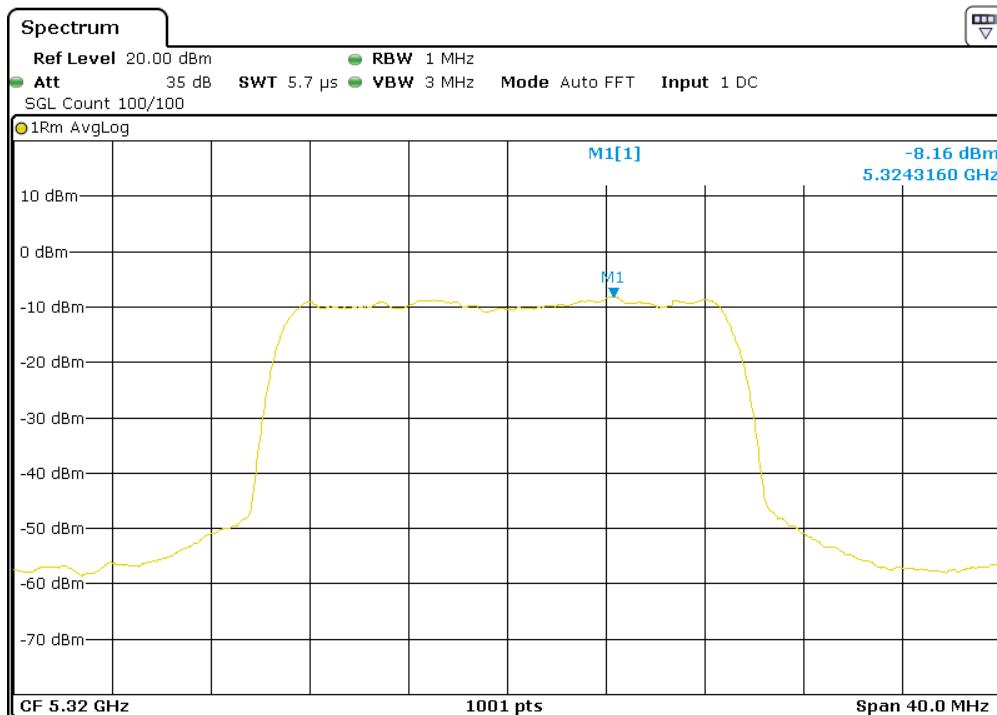
Channel 56



802.11 n(HT20)

Antenna A

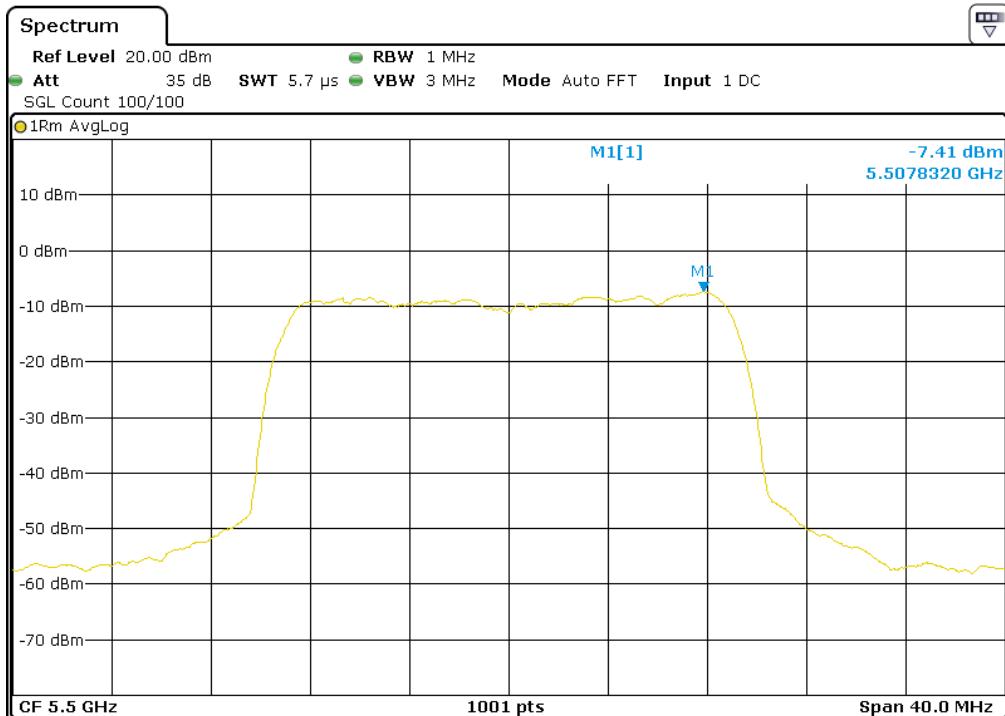
Channel 64



802.11 n(HT20)

Antenna A

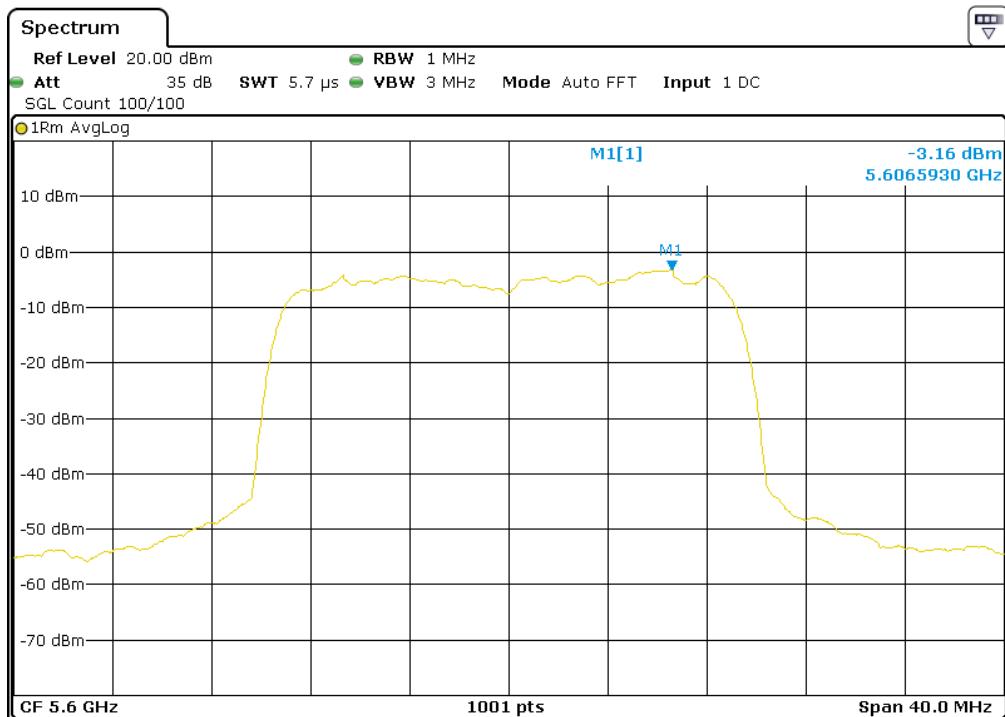
Channel 100



802.11 n(HT20)

Antenna A

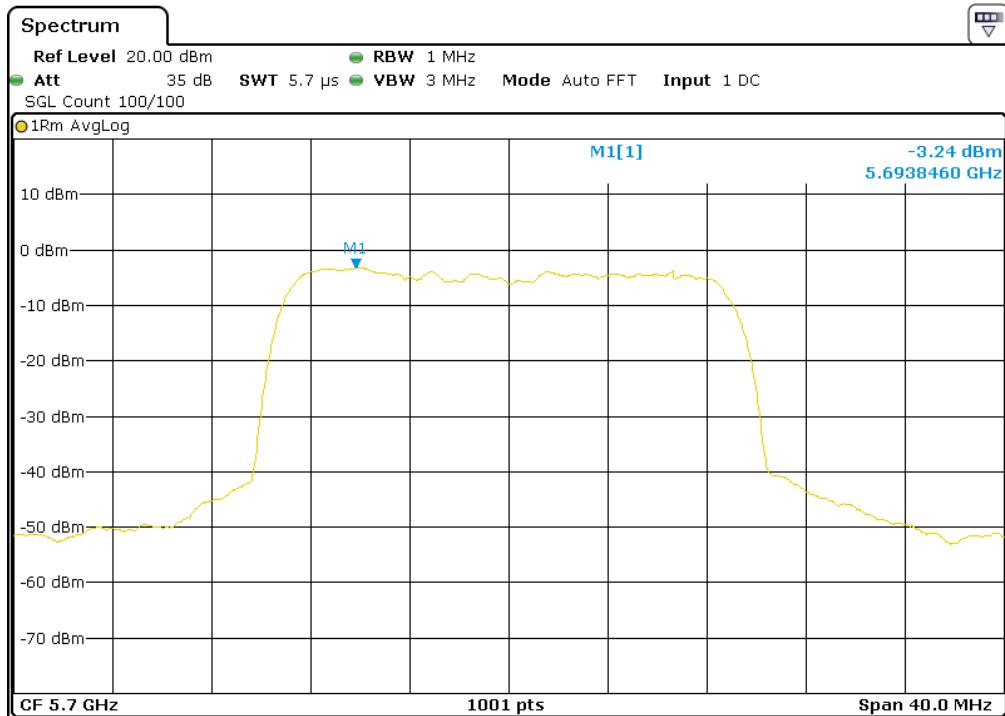
Channel 120



802.11 n(HT20)

Antenna A

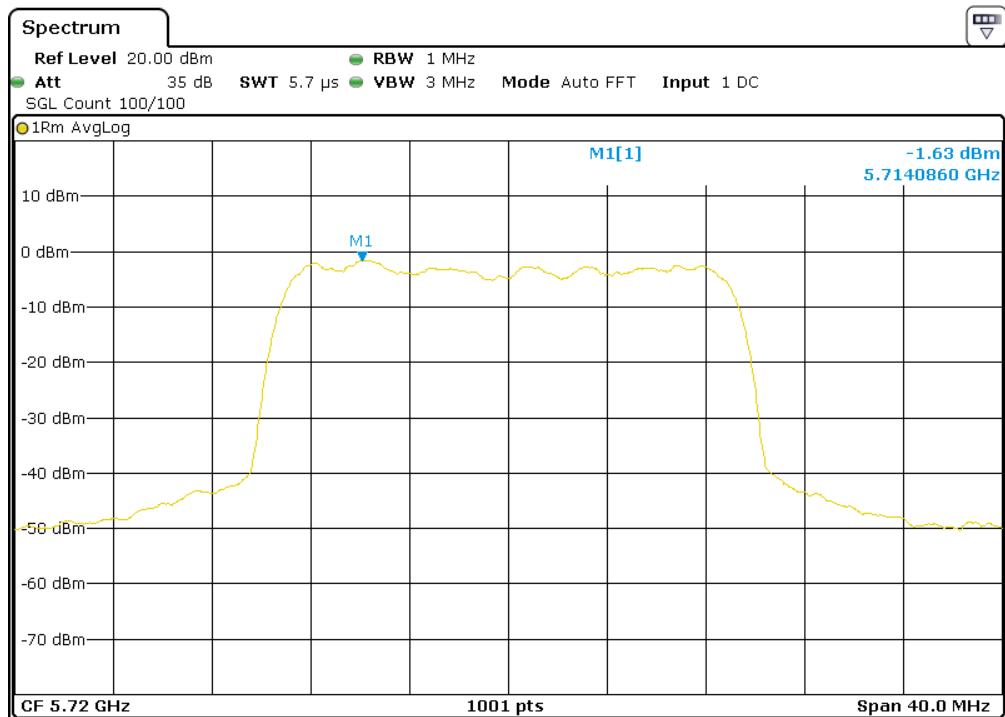
Channel 140



802.11 n(HT20)

Antenna A

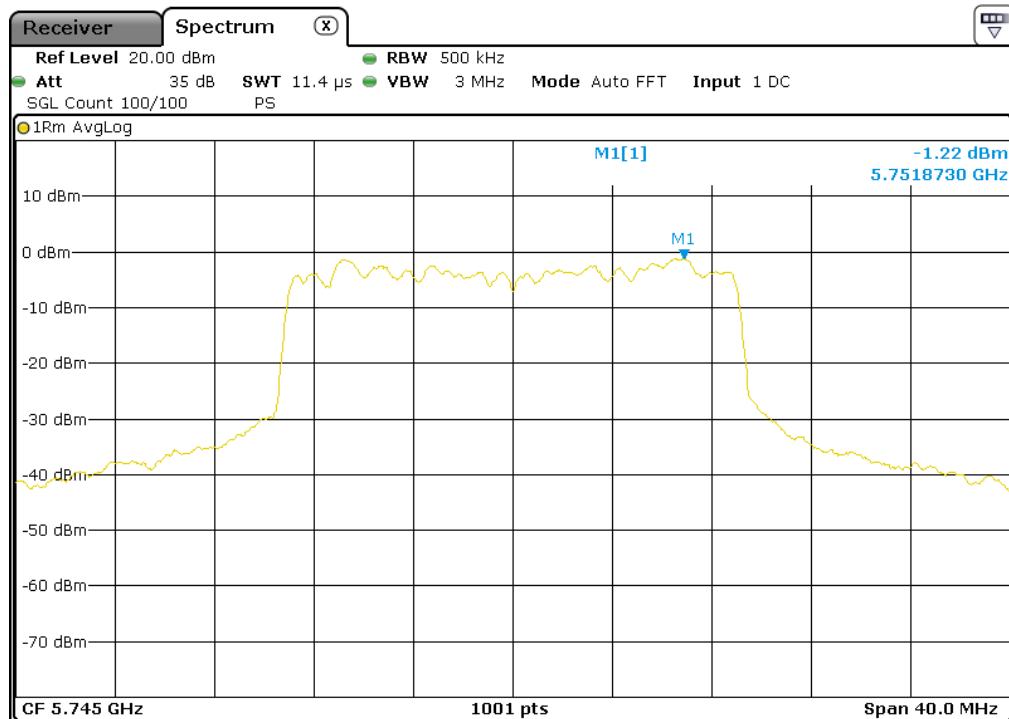
Channel 144



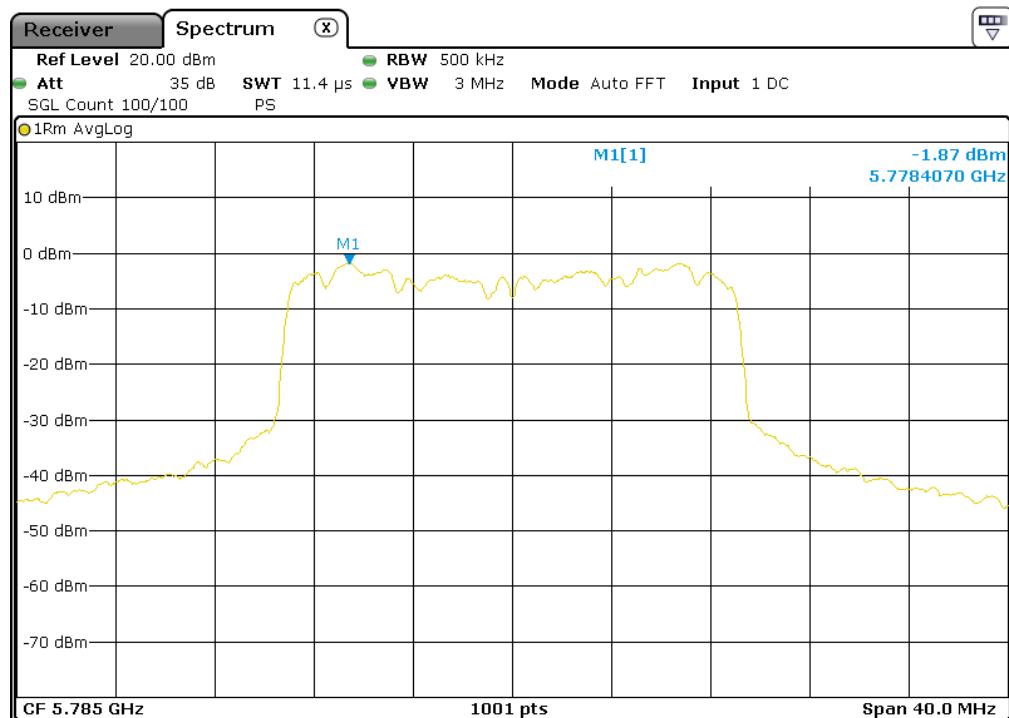
802.11 n(HT20)

Antenna A

Channel 149



802.11 n(HT20) Antenna A Channel 157



802.11 n(HT20)

Antenna A

Channel 165



802.11 n(HT40)

Antenna A

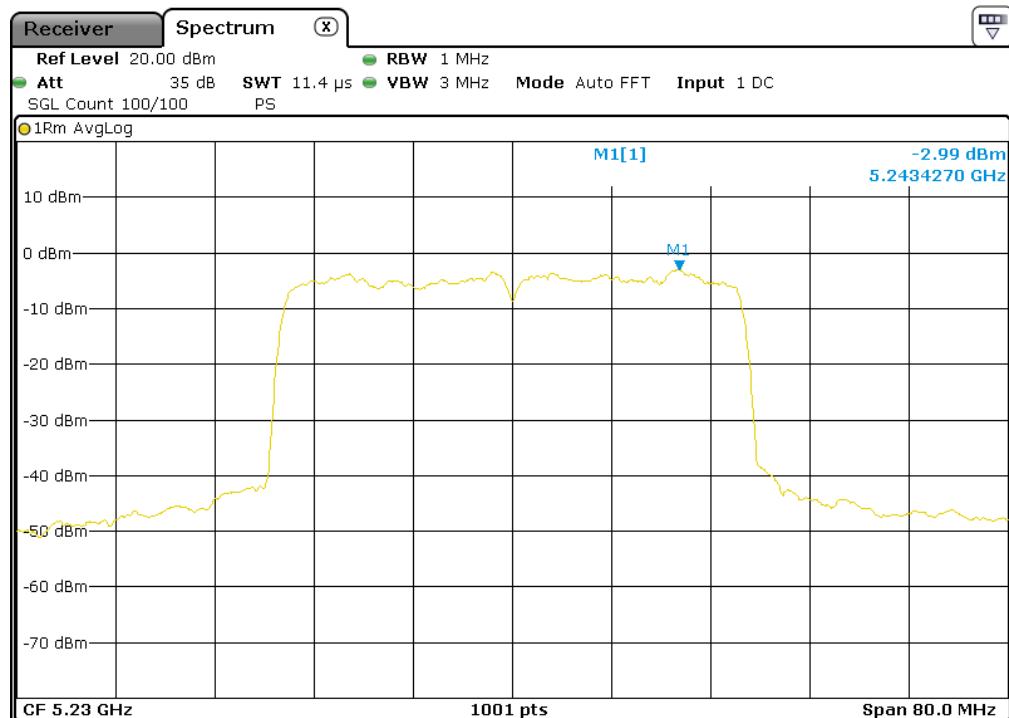
Channel 38



802.11 n(HT40)

Antenna A

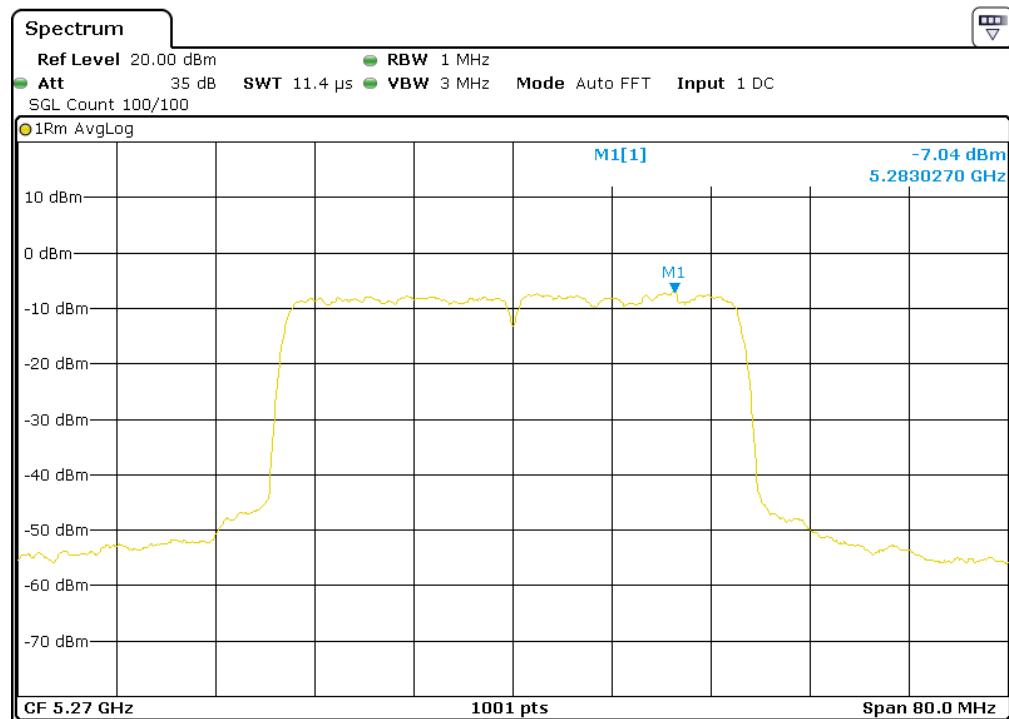
Channel 46



802.11 n(HT40)

Antenna A

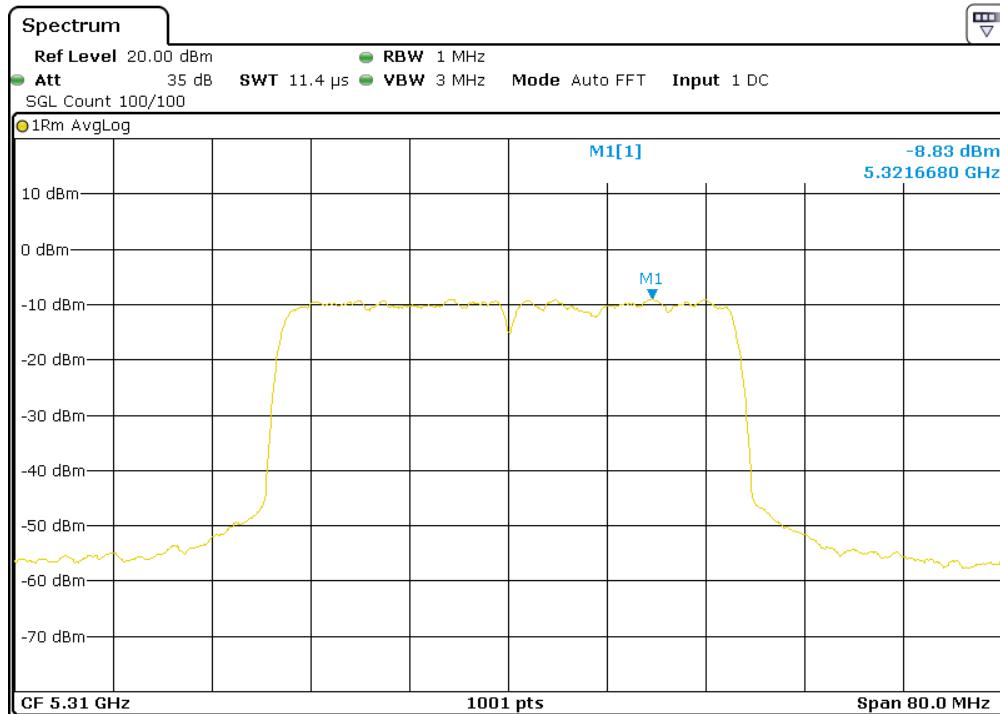
Channel 54



802.11 n(HT40)

Antenna A

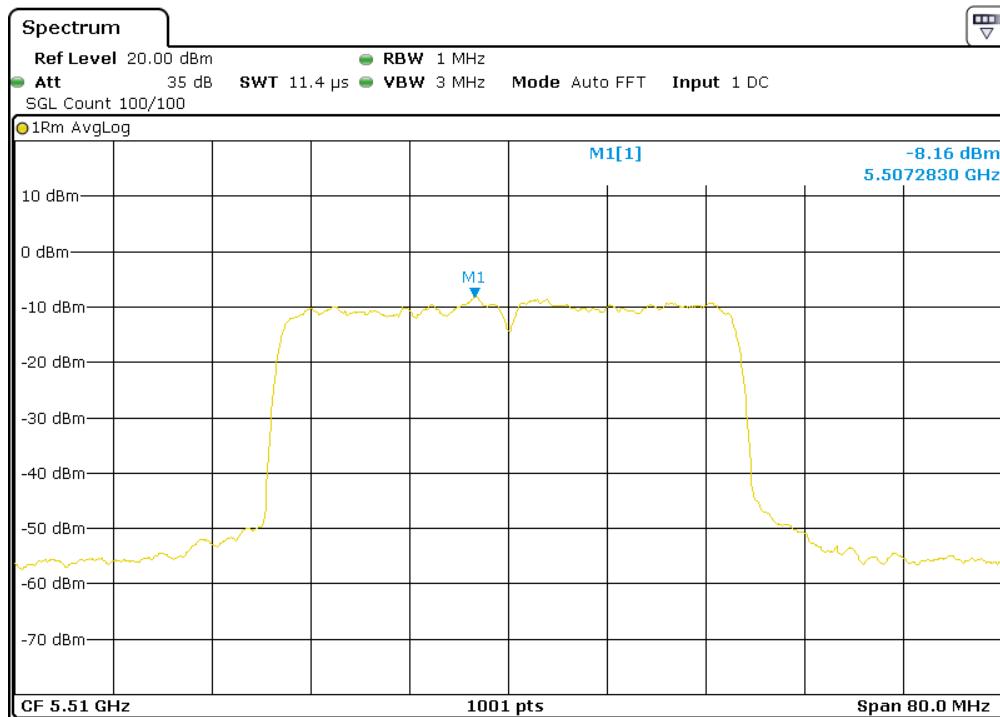
Channel 62



802.11 n(HT40)

Antenna A

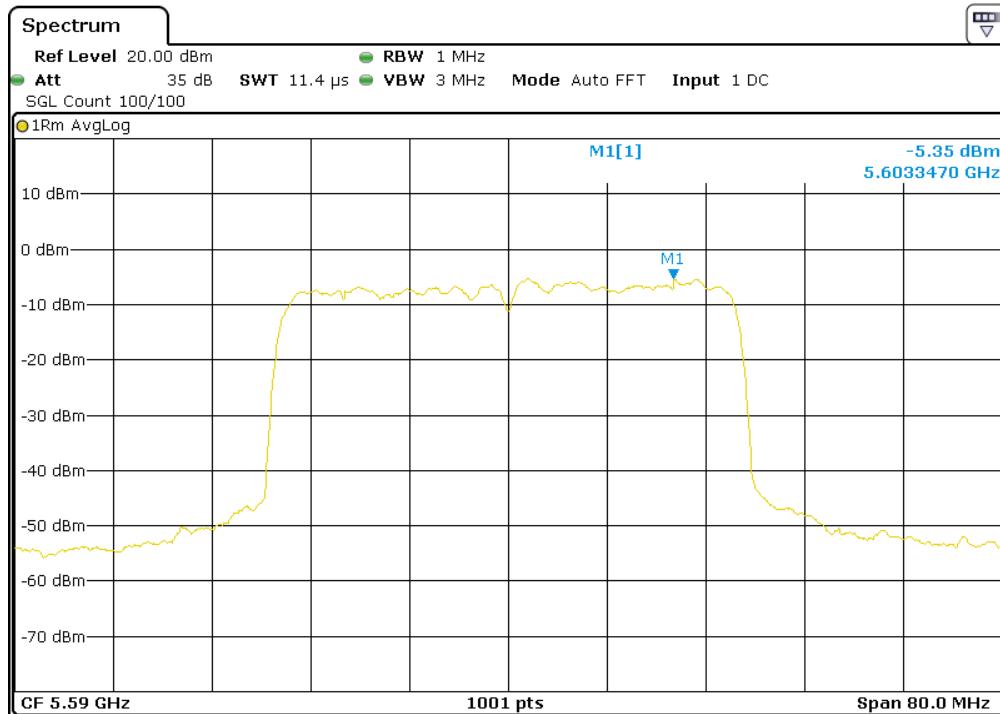
Channel 102



802.11 n(HT40)

Antenna A

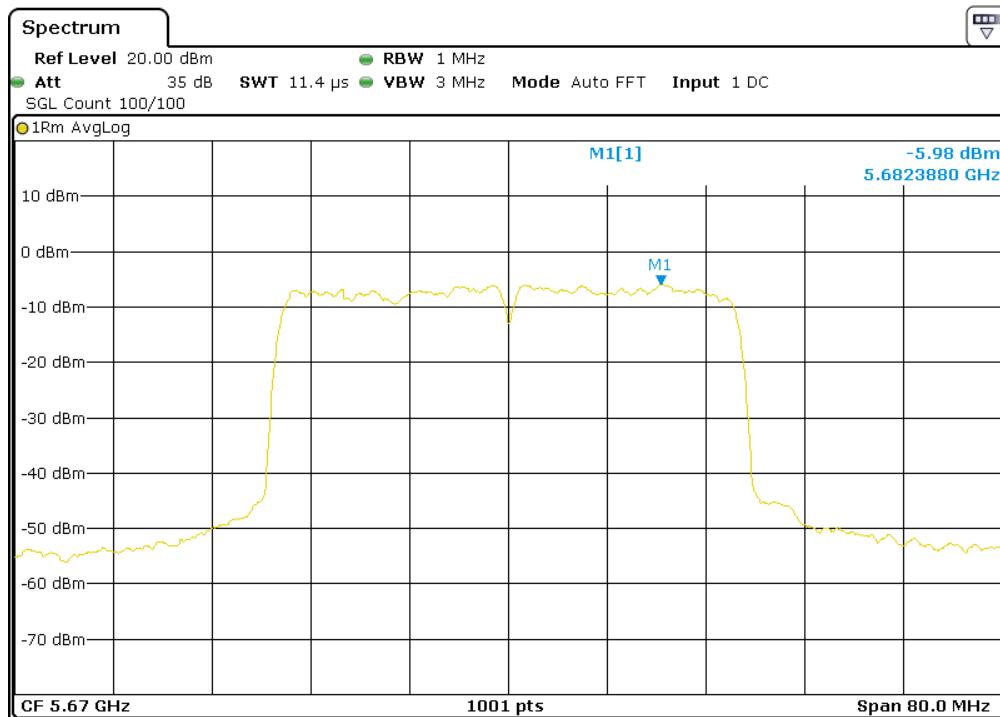
Channel 118



802.11 n(HT40)

Antenna A

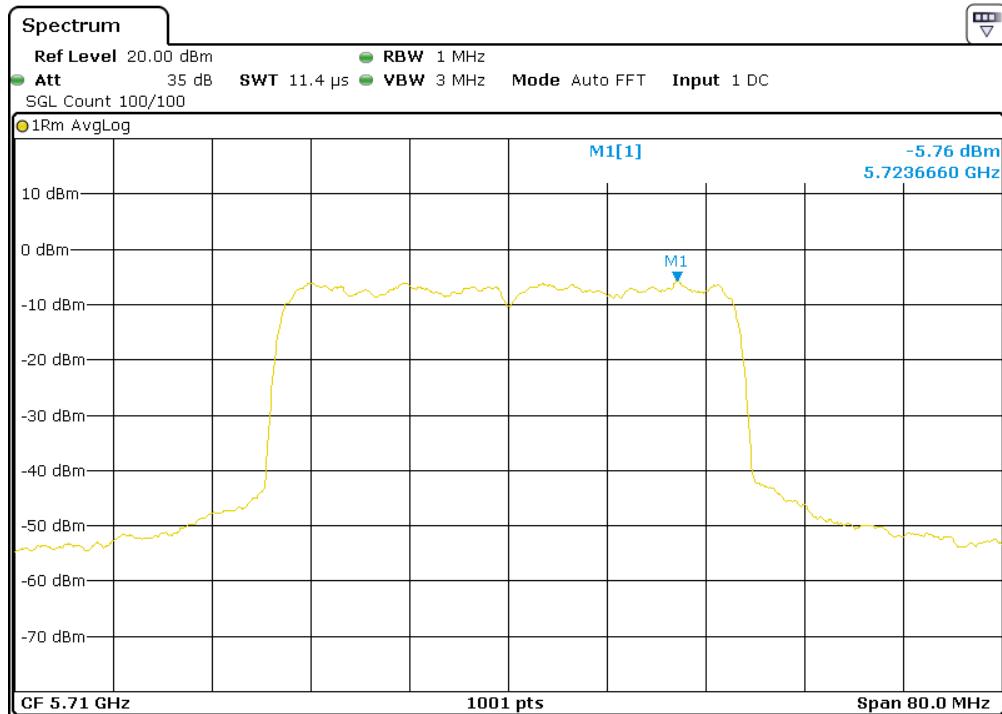
Channel 134



802.11 n(HT40)

Antenna A

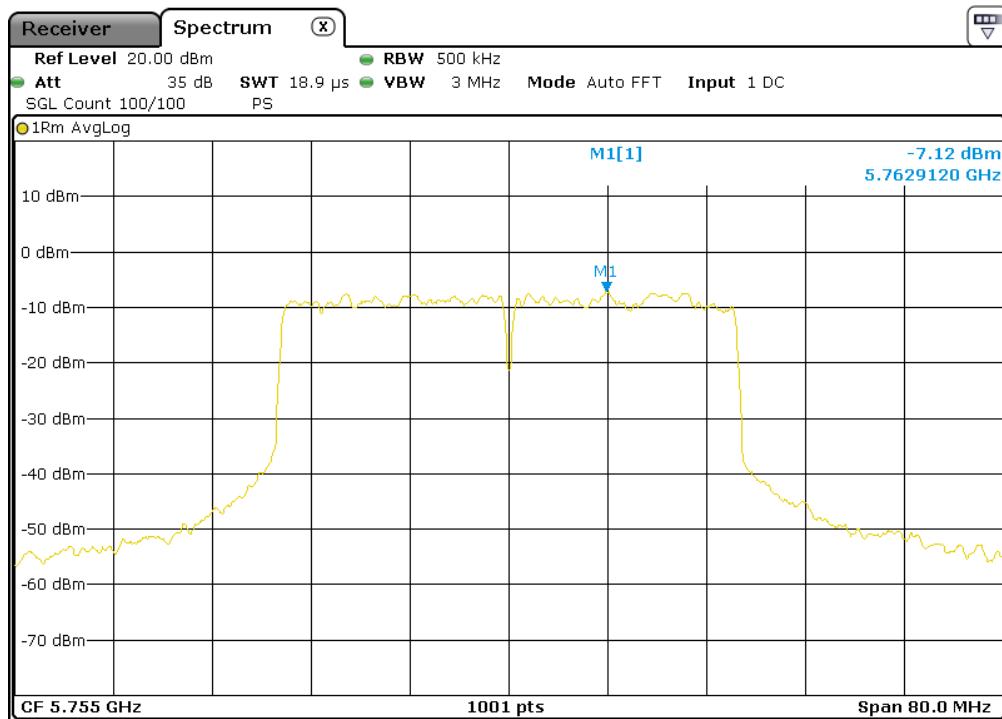
Channel 142

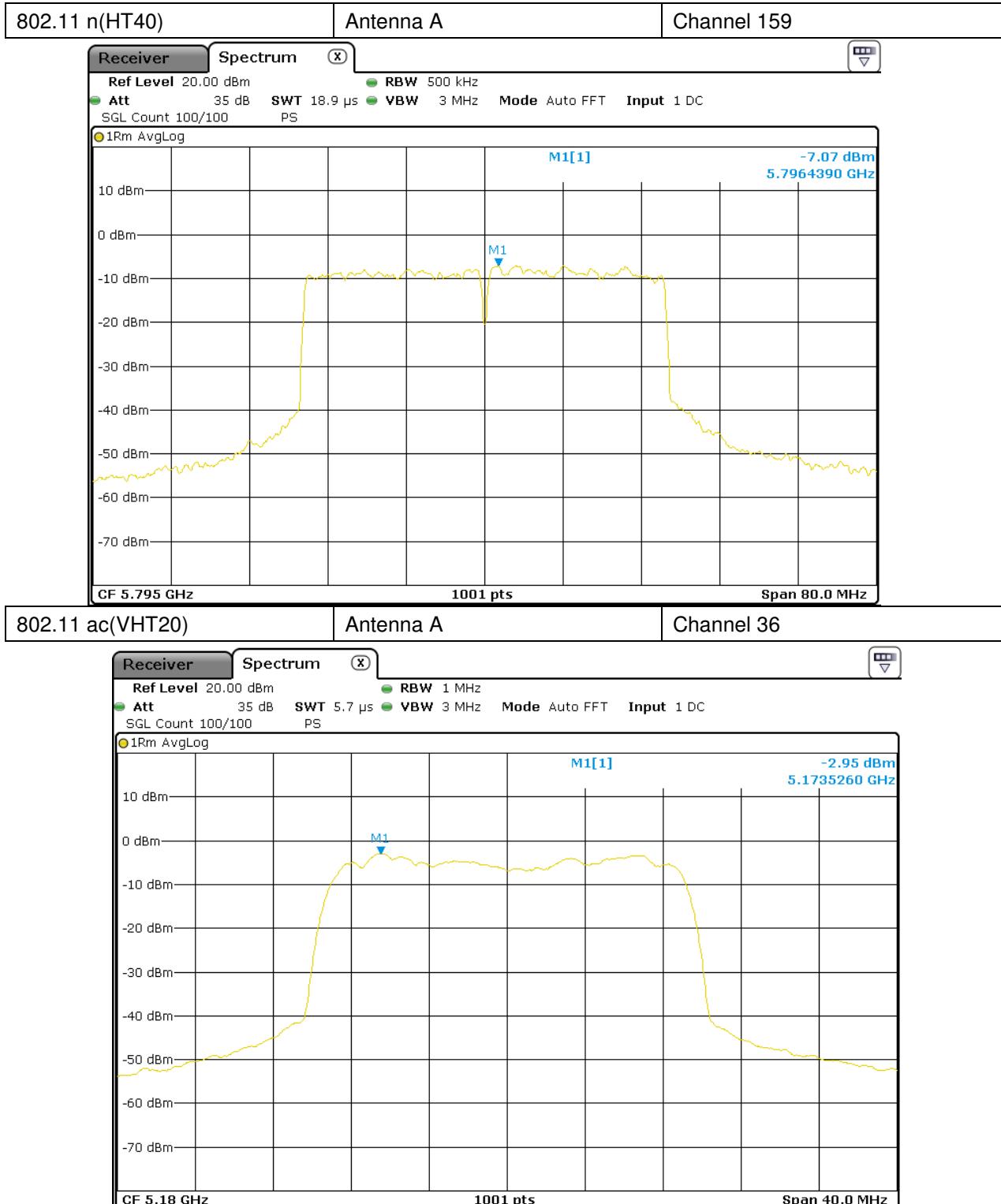


802.11 n(HT40)

Antenna A

Channel 151

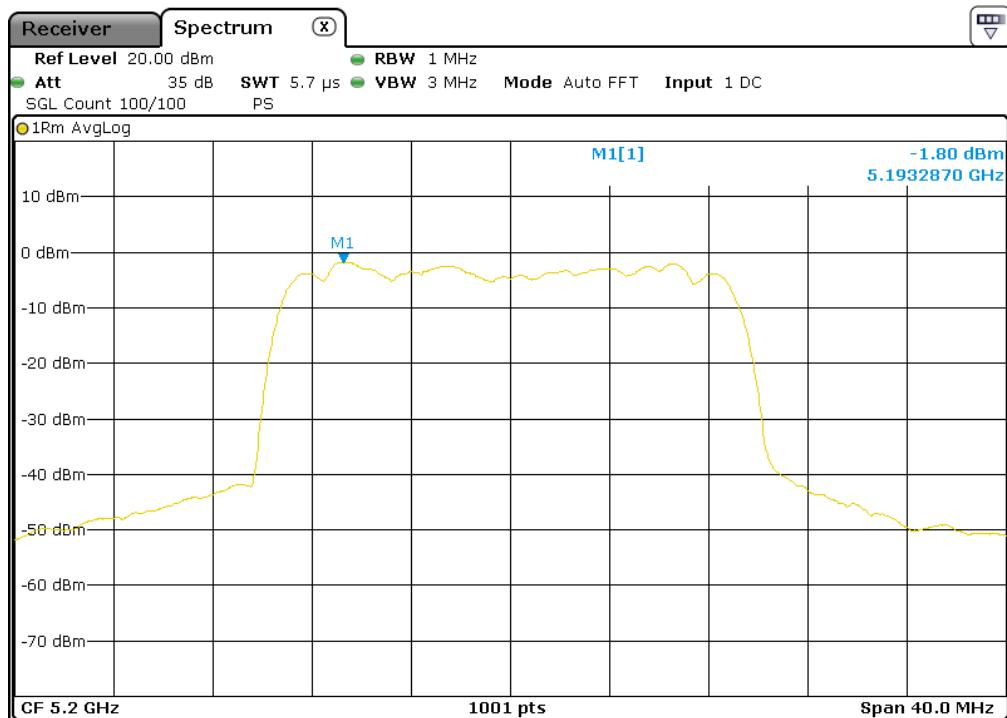




802.11 ac(VHT20)

Antenna A

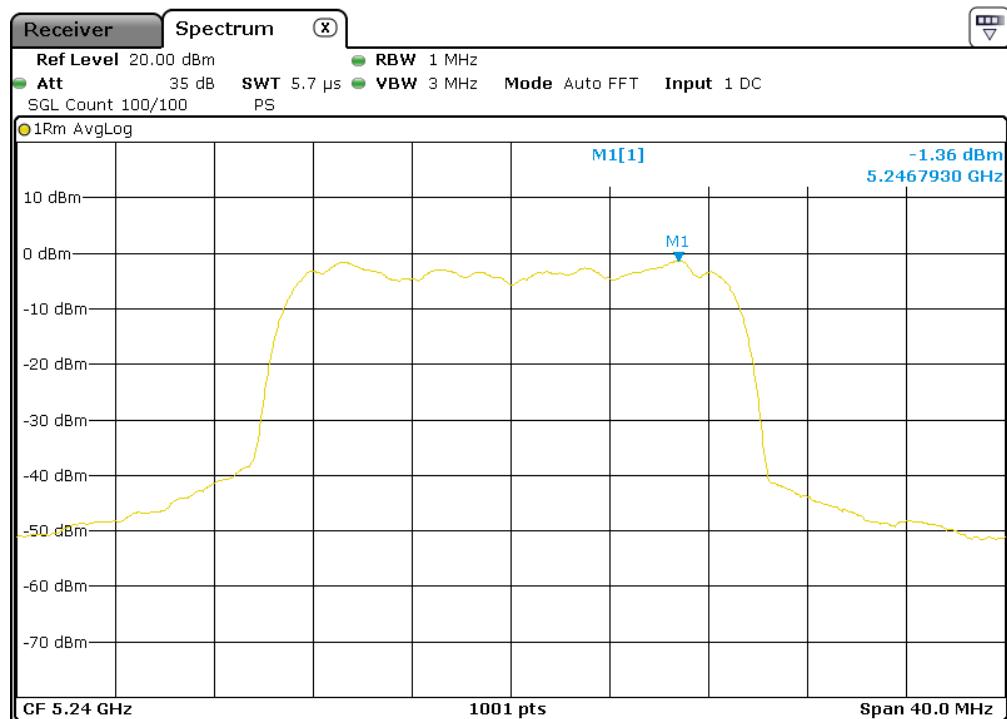
Channel 40



802.11 ac(VHT20)

Antenna A

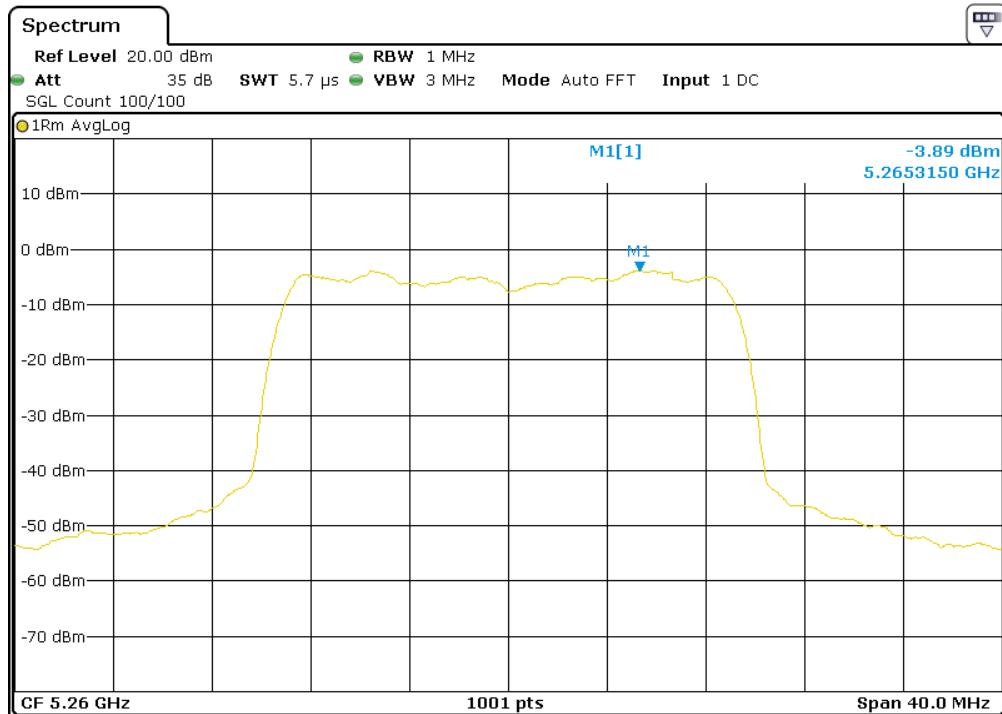
Channel 48



802.11 ac(VHT20)

Antenna A

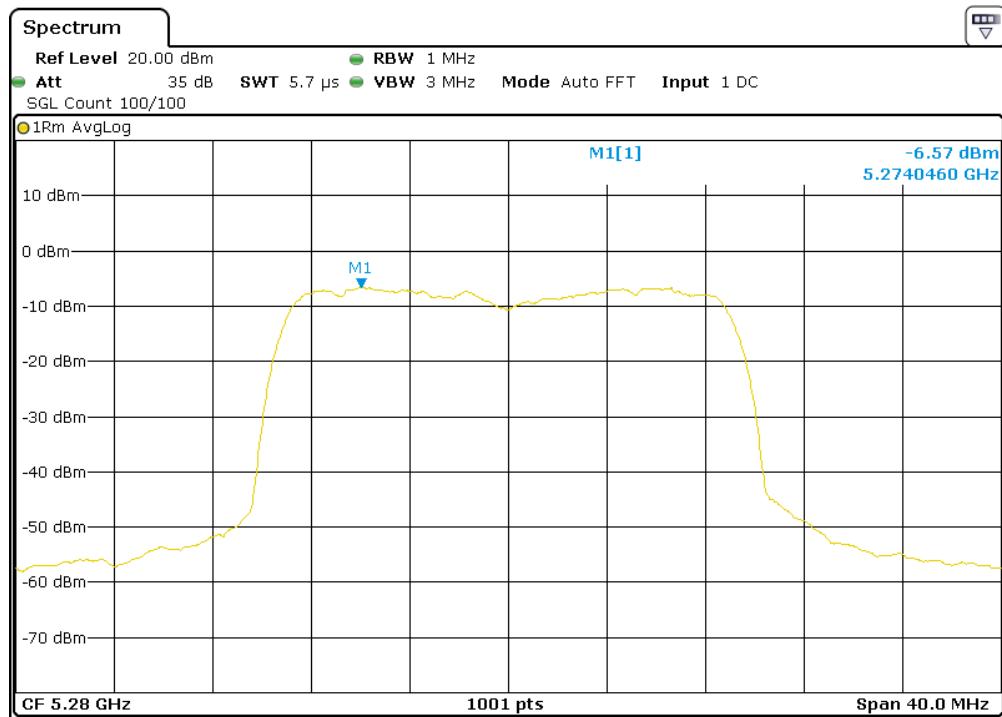
Channel 52



802.11 ac(VHT20)

Antenna A

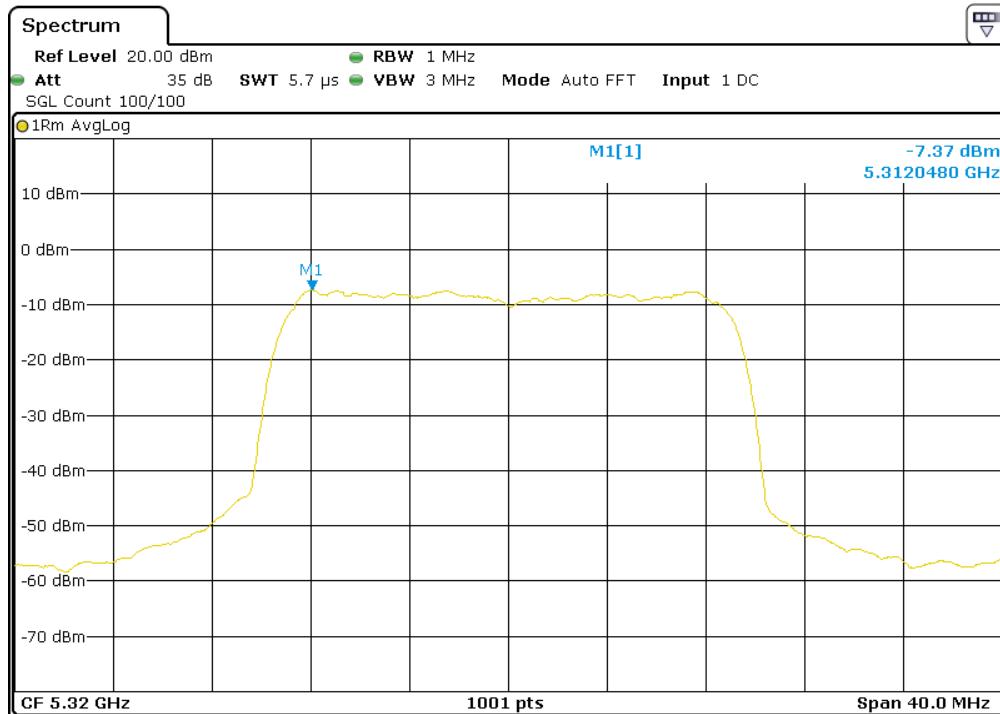
Channel 56



802.11 ac(VHT20)

Antenna A

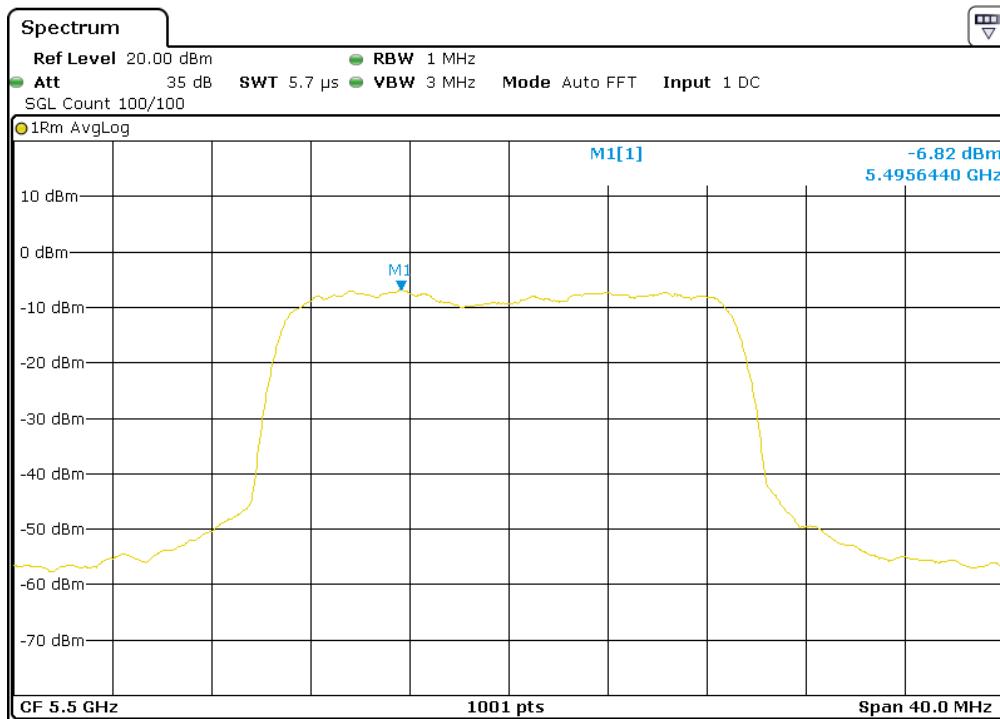
Channel 64



802.11 ac(VHT20)

Antenna A

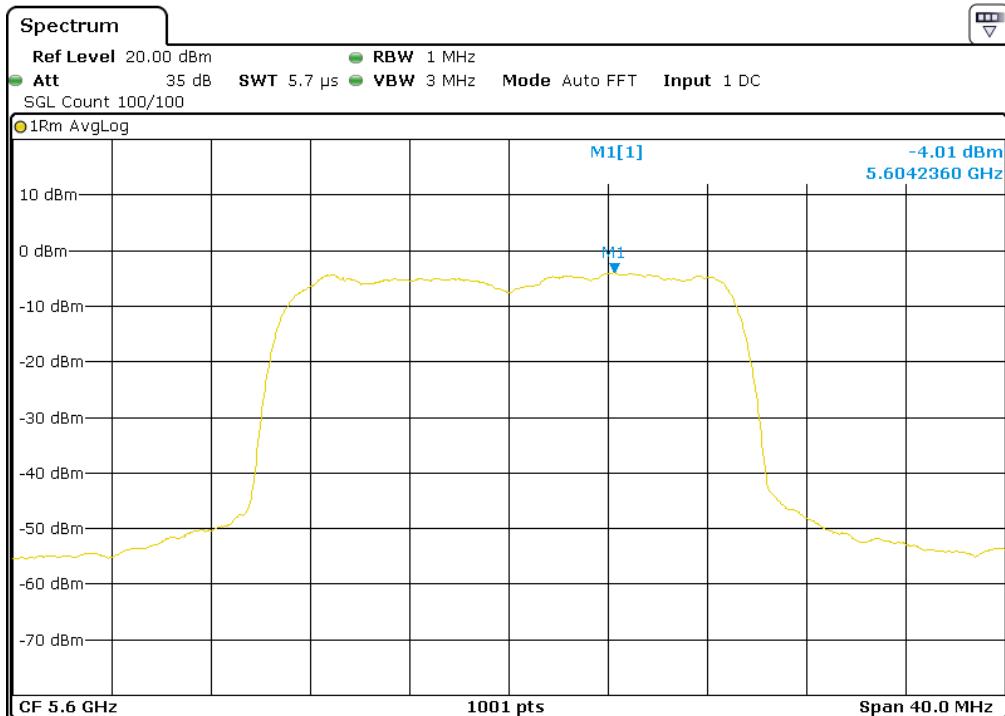
Channel 100



802.11 ac(VHT20)

Antenna A

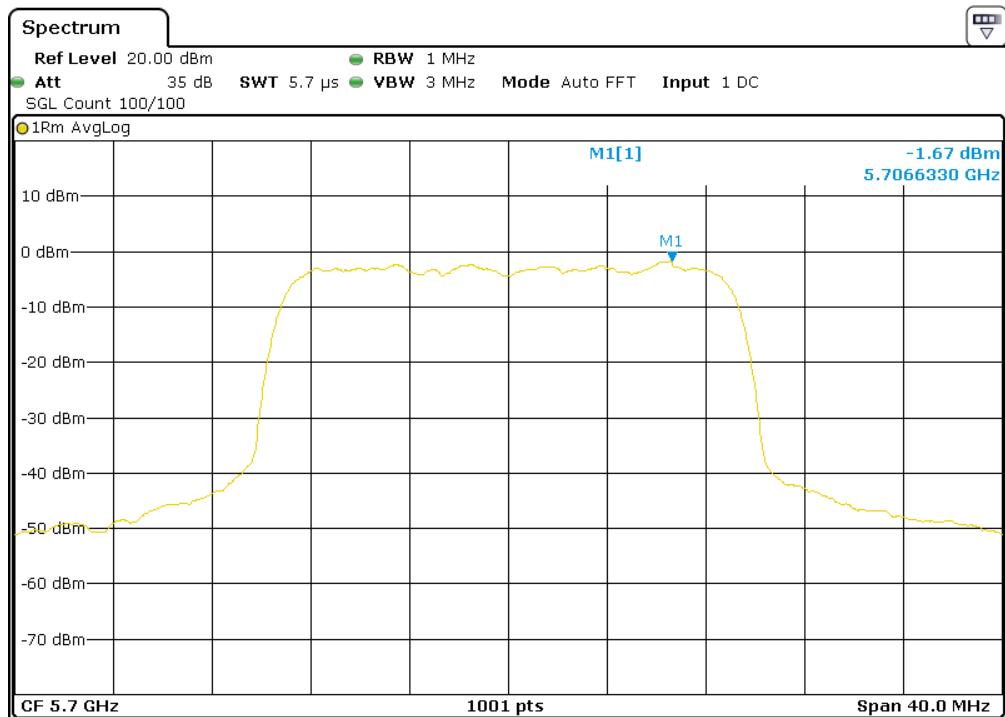
Channel 120



802.11 ac(VHT20)

Antenna A

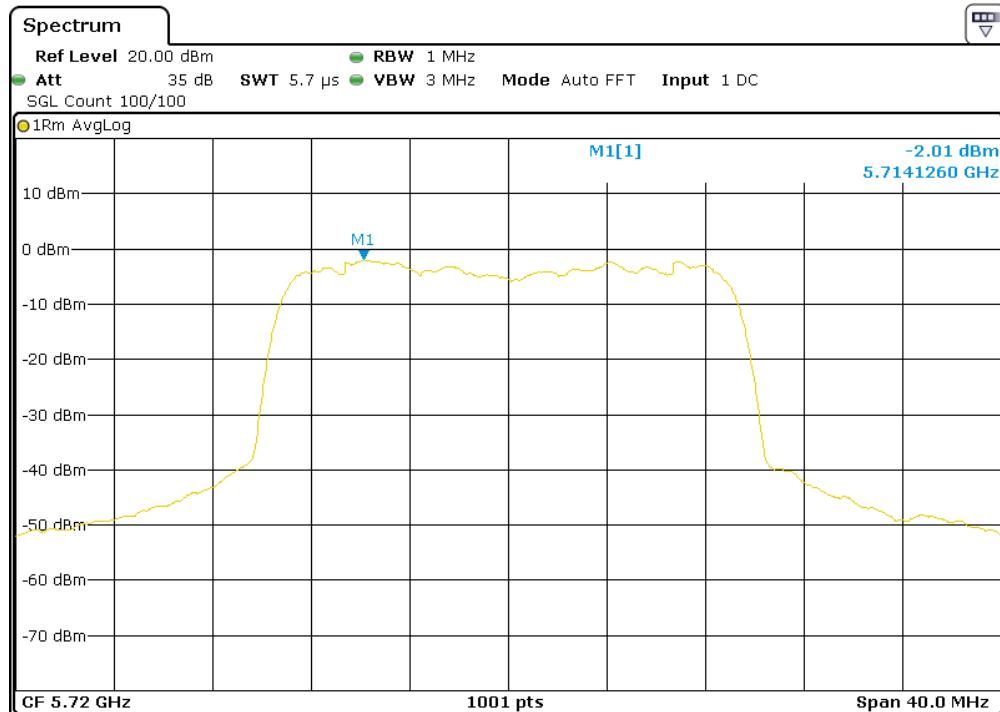
Channel 140



802.11 ac(VHT20)

Antenna A

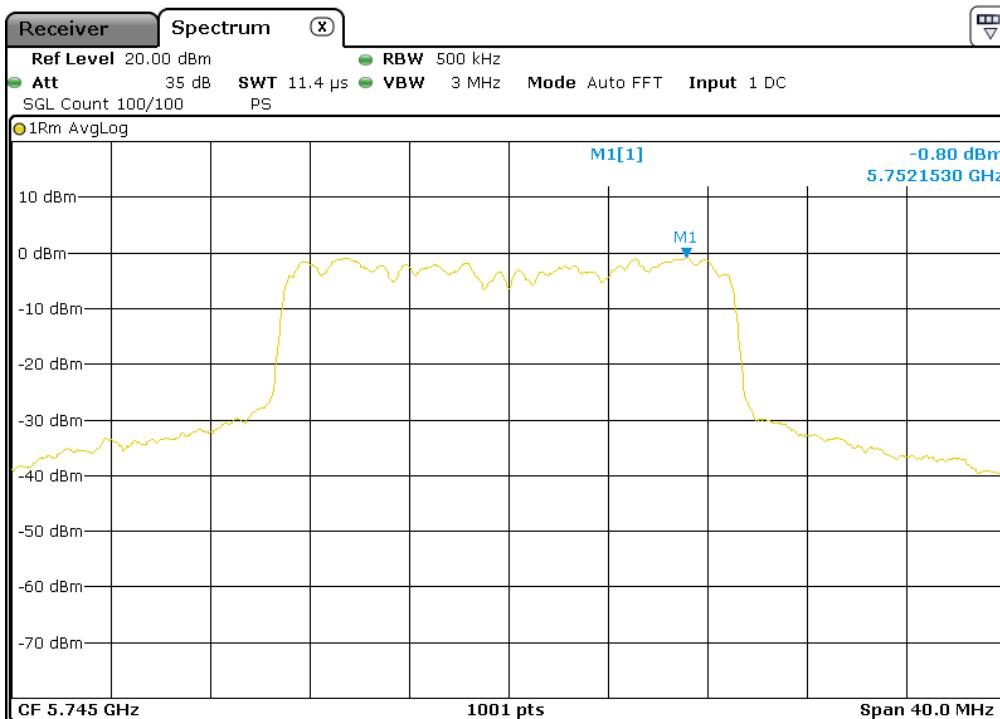
Channel 144



802.11 ac(VHT20)

Antenna A

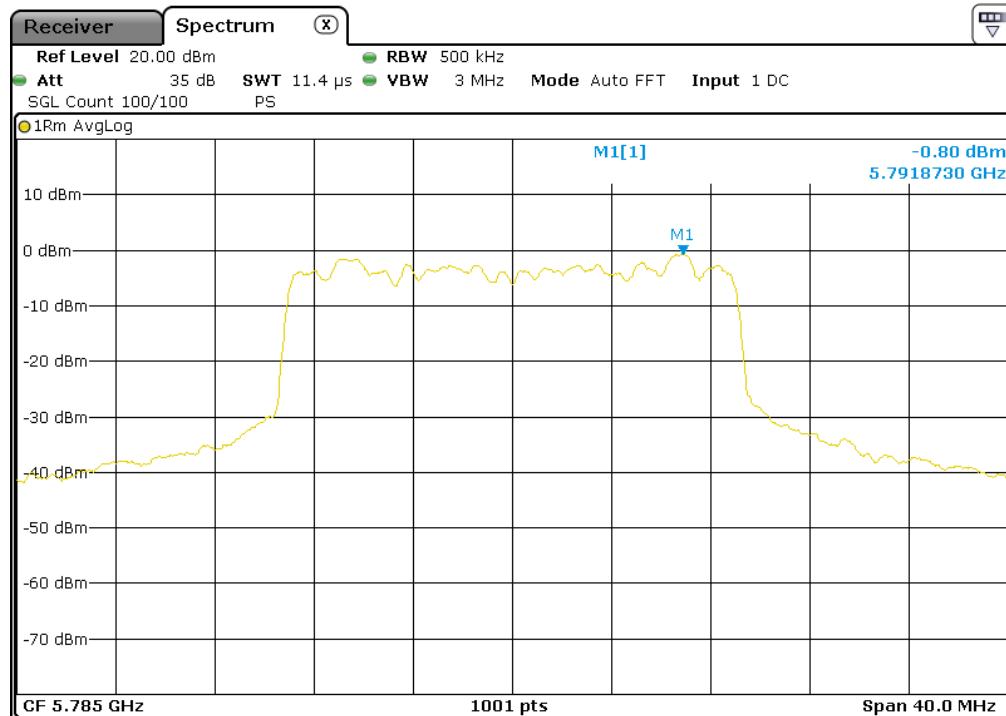
Channel 149



802.11 ac(VHT20)

Antenna A

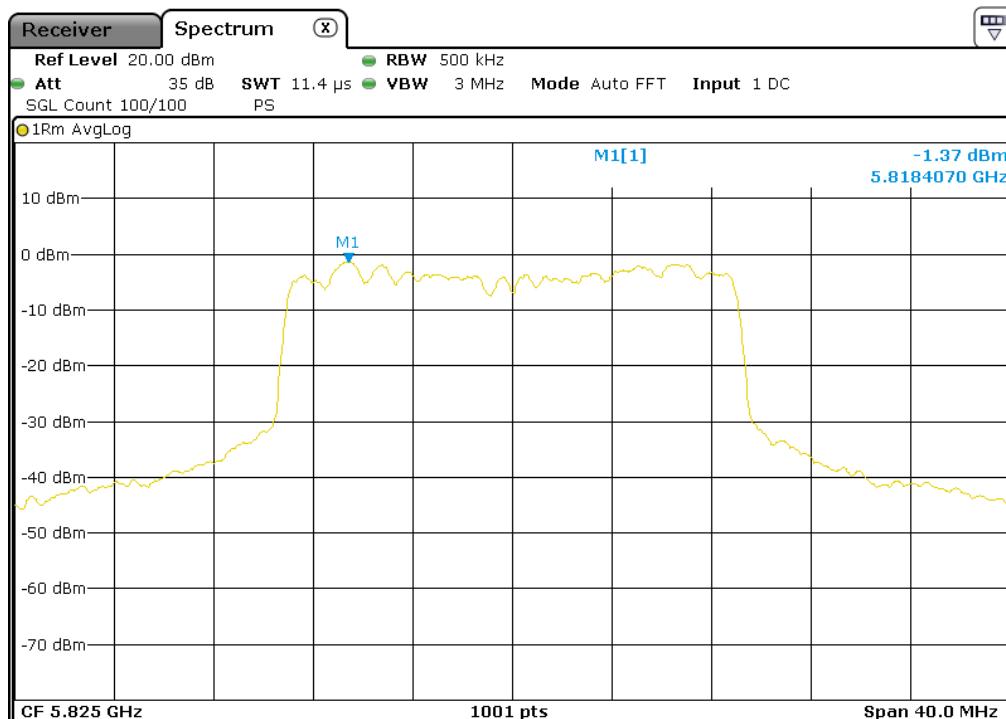
Channel 157



802.11 ac(VHT20)

Antenna A

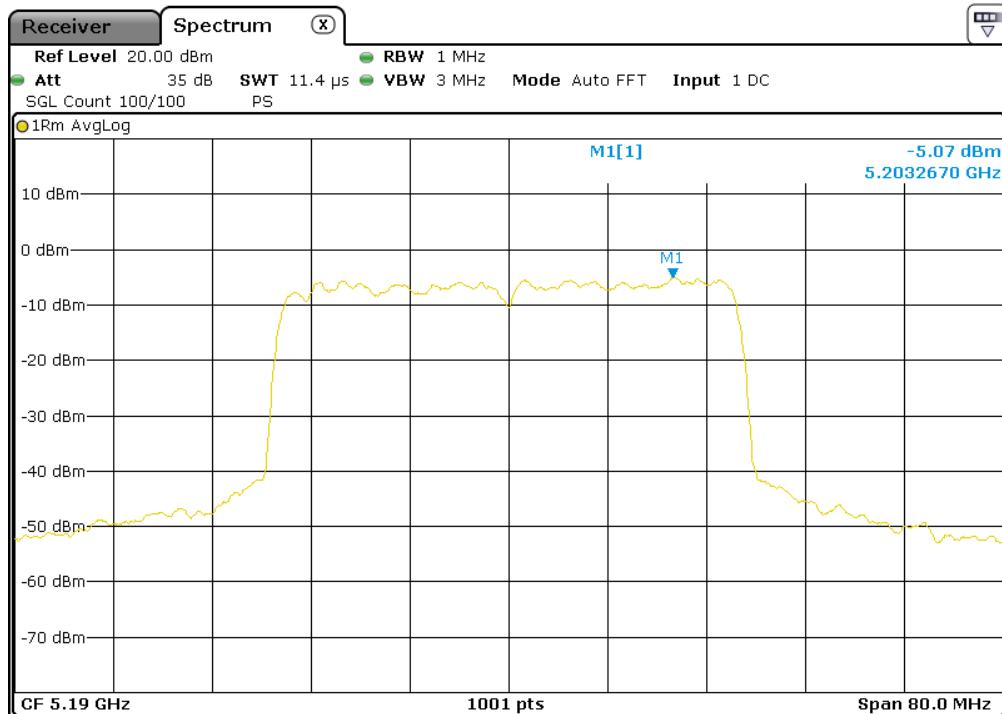
Channel 165



802.11 ac(VHT40)

Antenna A

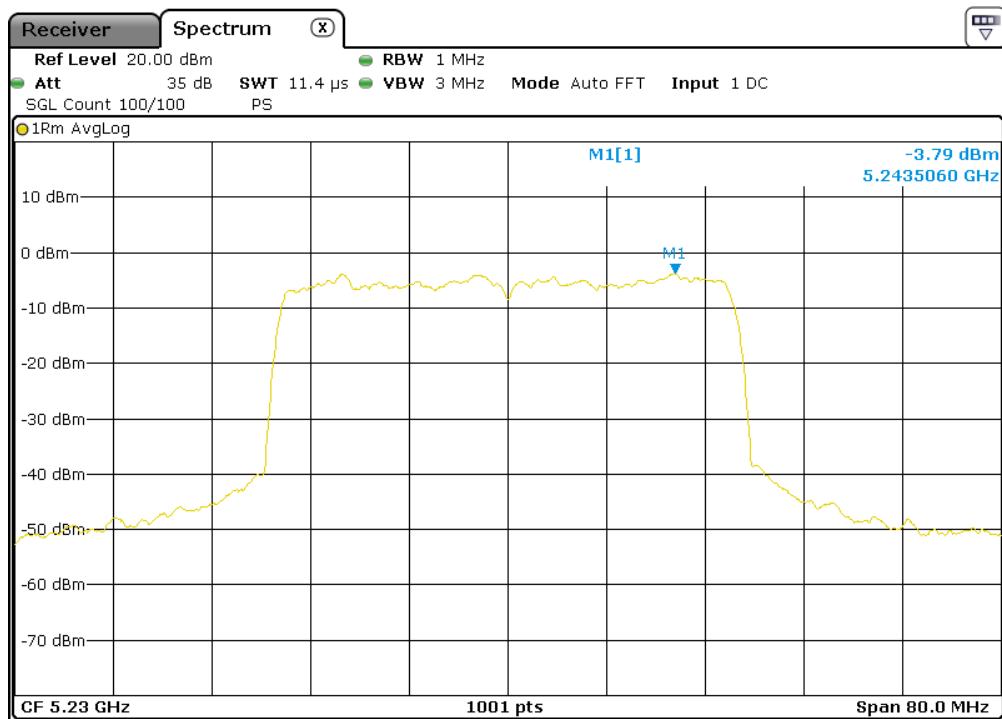
Channel 38



802.11 ac(VHT40)

Antenna A

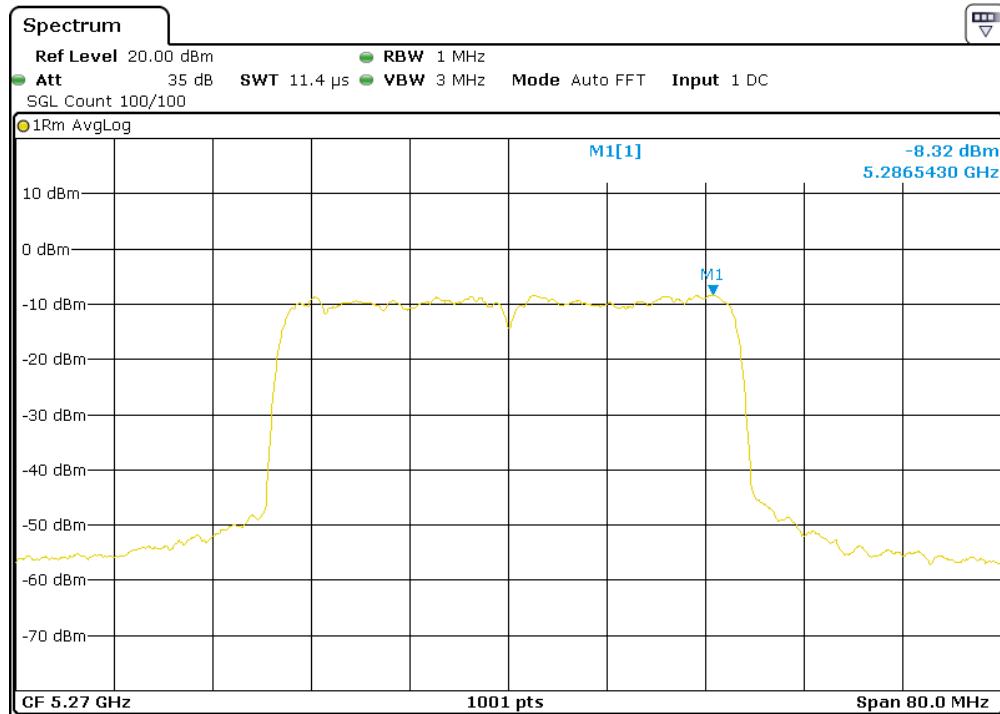
Channel 46



802.11 ac(VHT40)

Antenna A

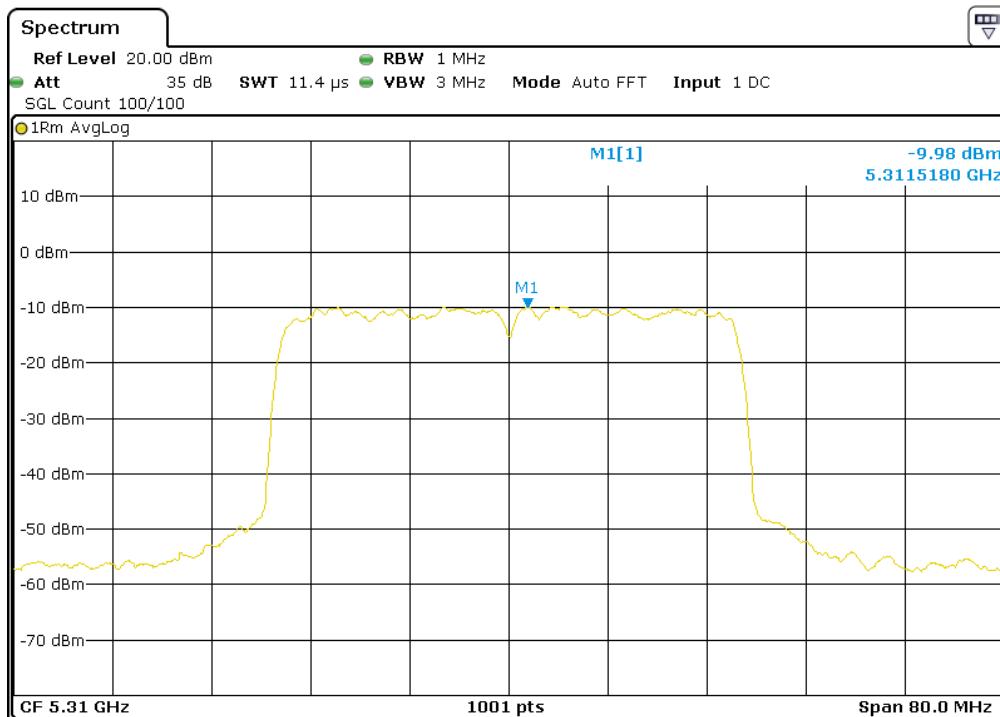
Channel 54



802.11 ac(VHT40)

Antenna A

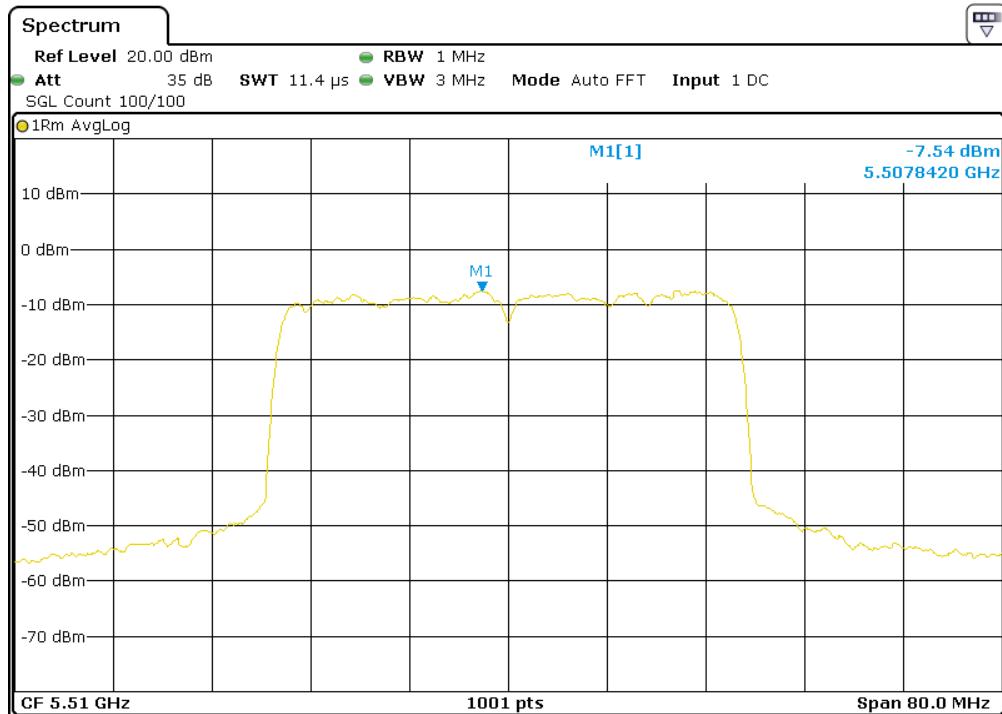
Channel 62



802.11 ac(VHT40)

Antenna A

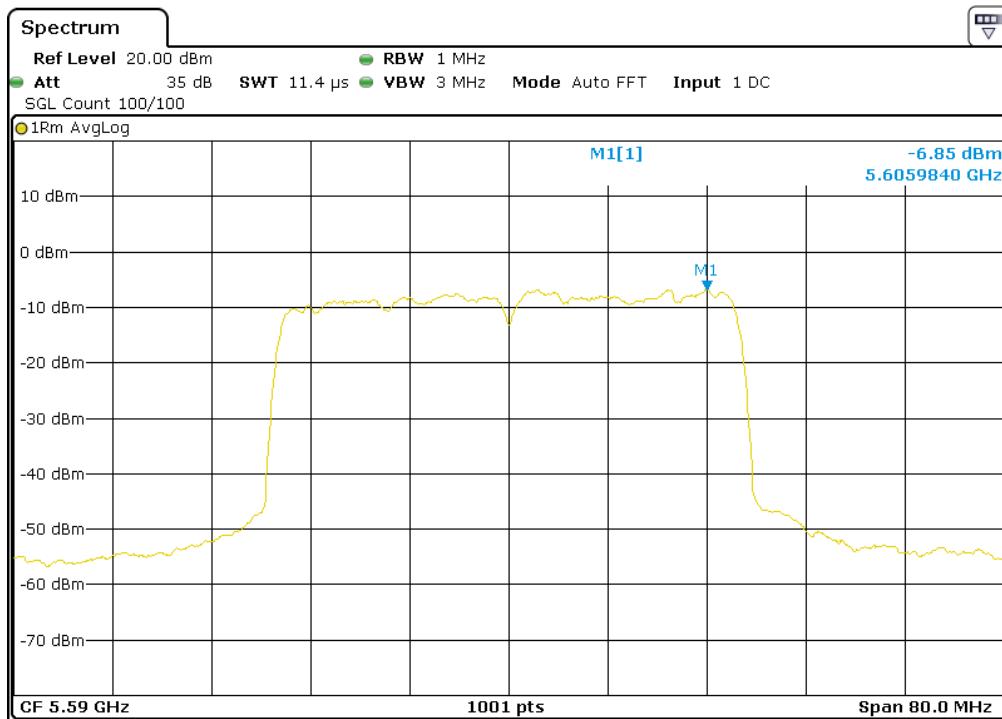
Channel 102



802.11 ac(VHT40)

Antenna A

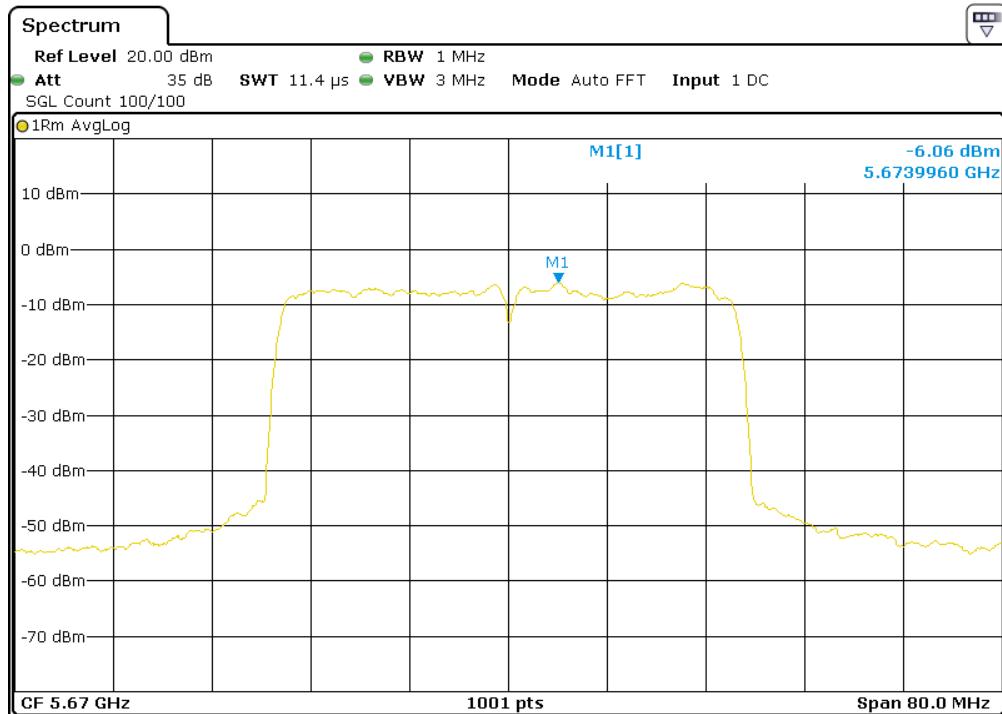
Channel 118



802.11 ac(VHT40)

Antenna A

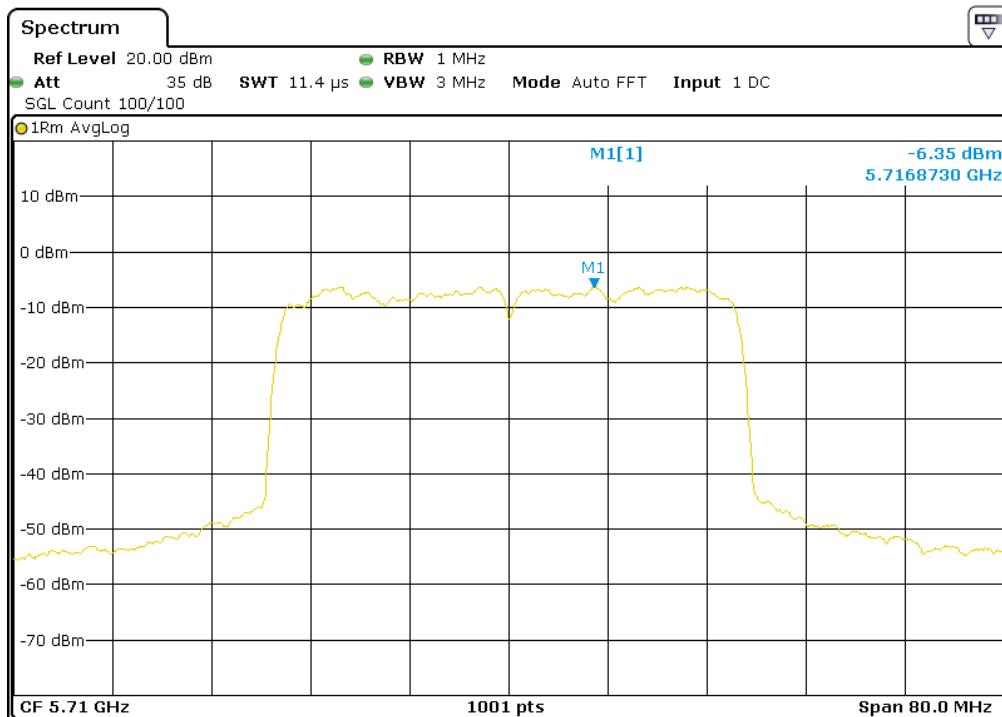
Channel 134



802.11 ac(VHT40)

Antenna A

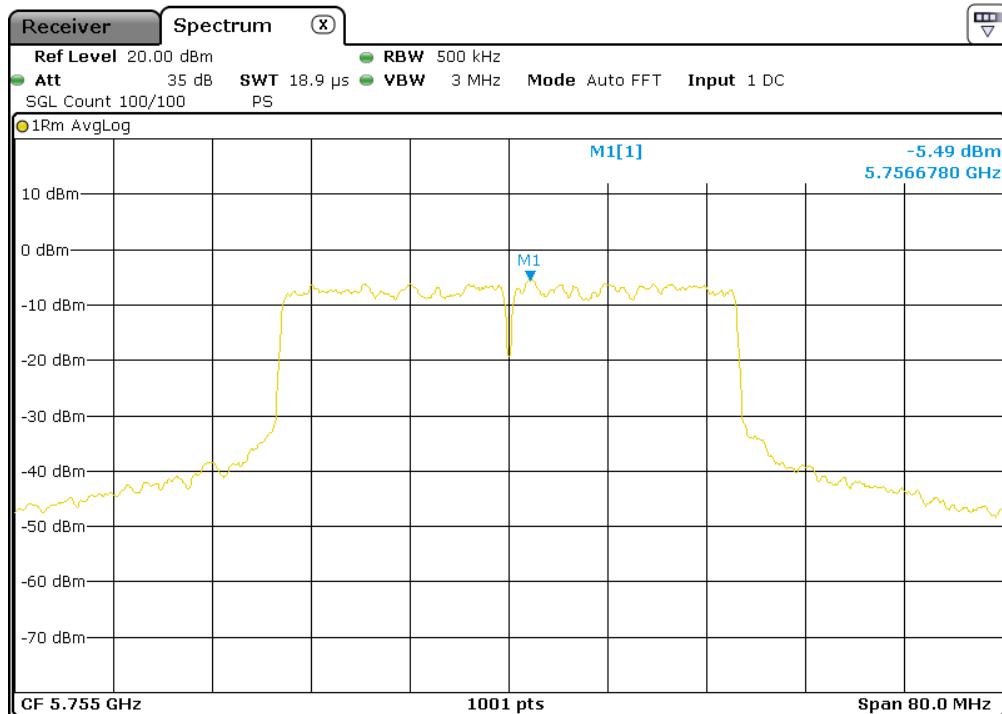
Channel 142



802.11 ac(VHT40)

Antenna A

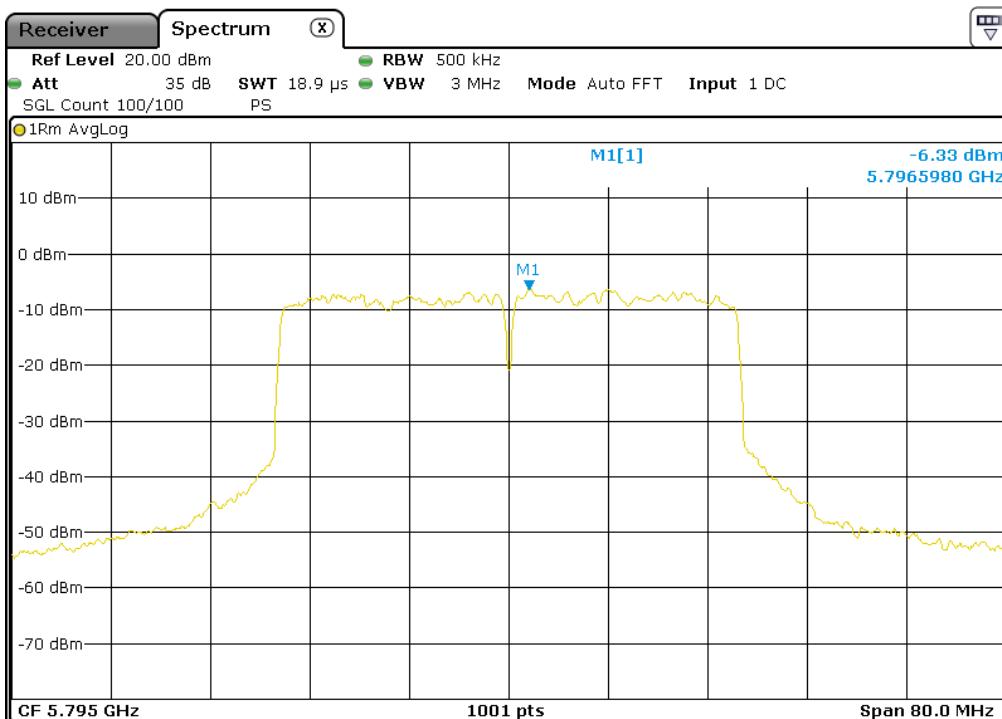
Channel 151



802.11 ac(VHT40)

Antenna A

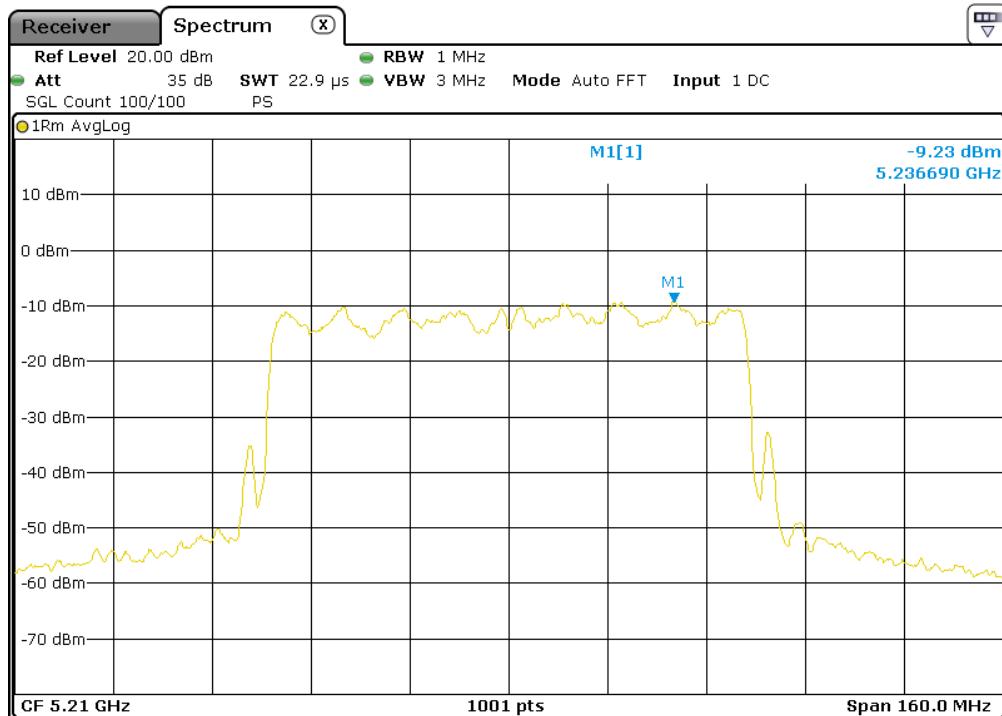
Channel 159



802.11 ac(VHT80)

Antenna A

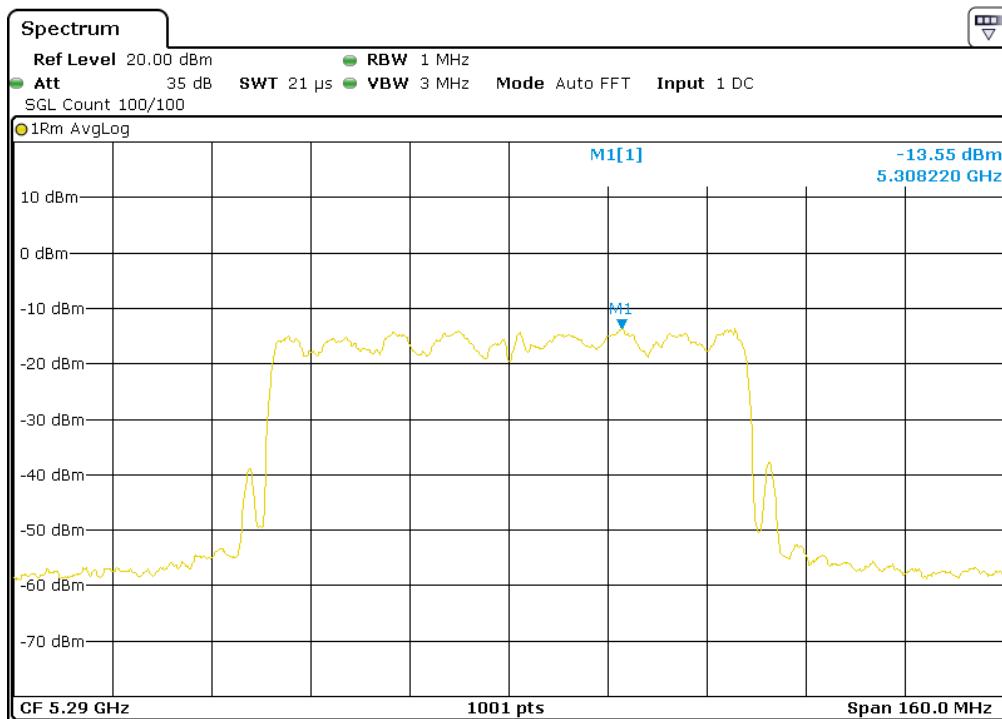
Channel 42



802.11 ac(VHT80)

Antenna A

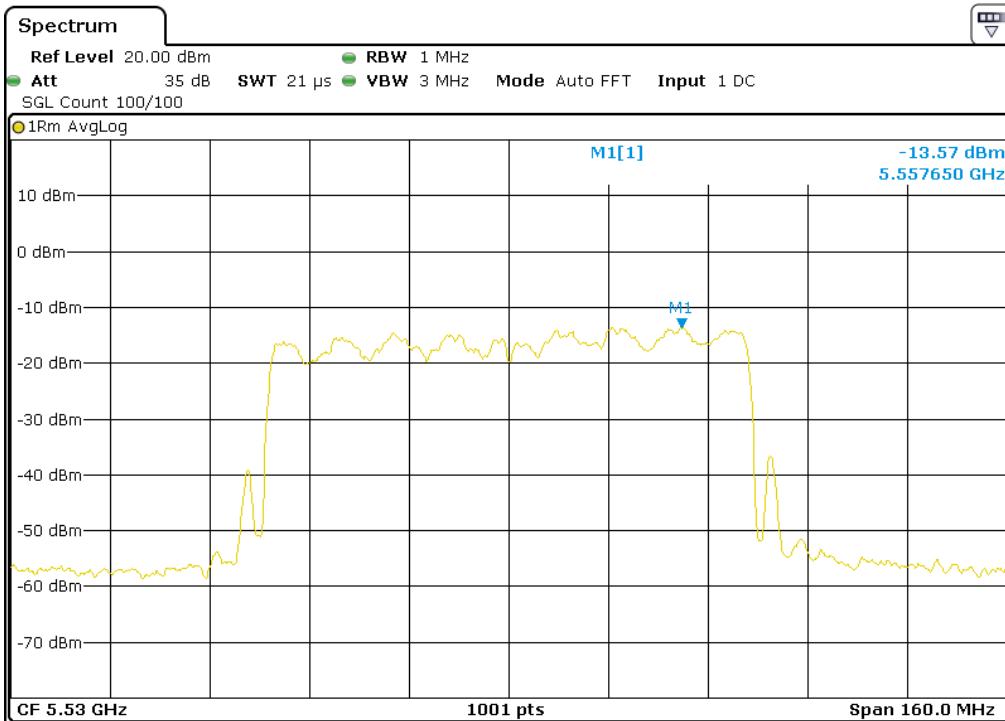
Channel 58



802.11 ac(VHT80)

Antenna A

Channel 106



802.11 ac(VHT80)

Antenna A

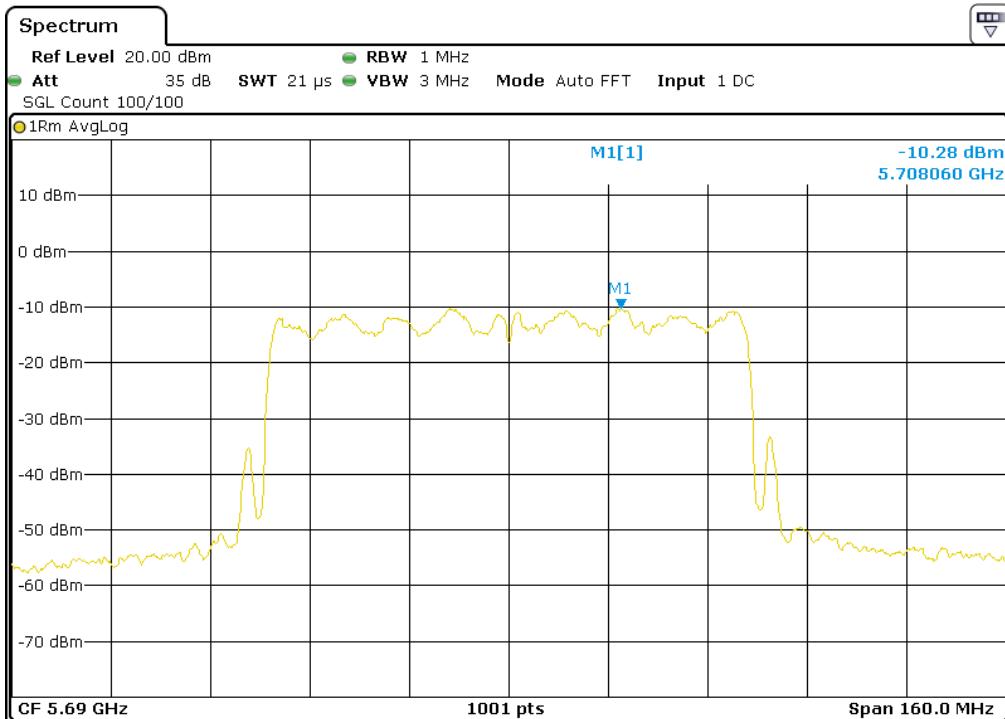
Channel 122



802.11 ac(VHT80)

Antenna A

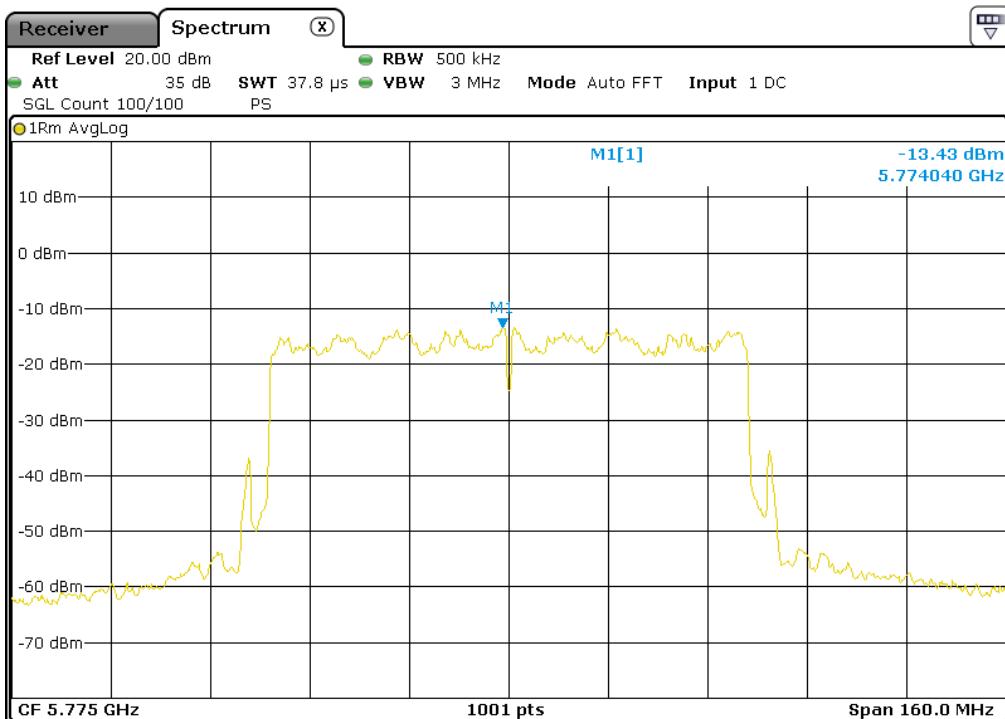
Channel 138



802.11 ac(VHT80)

Antenna A

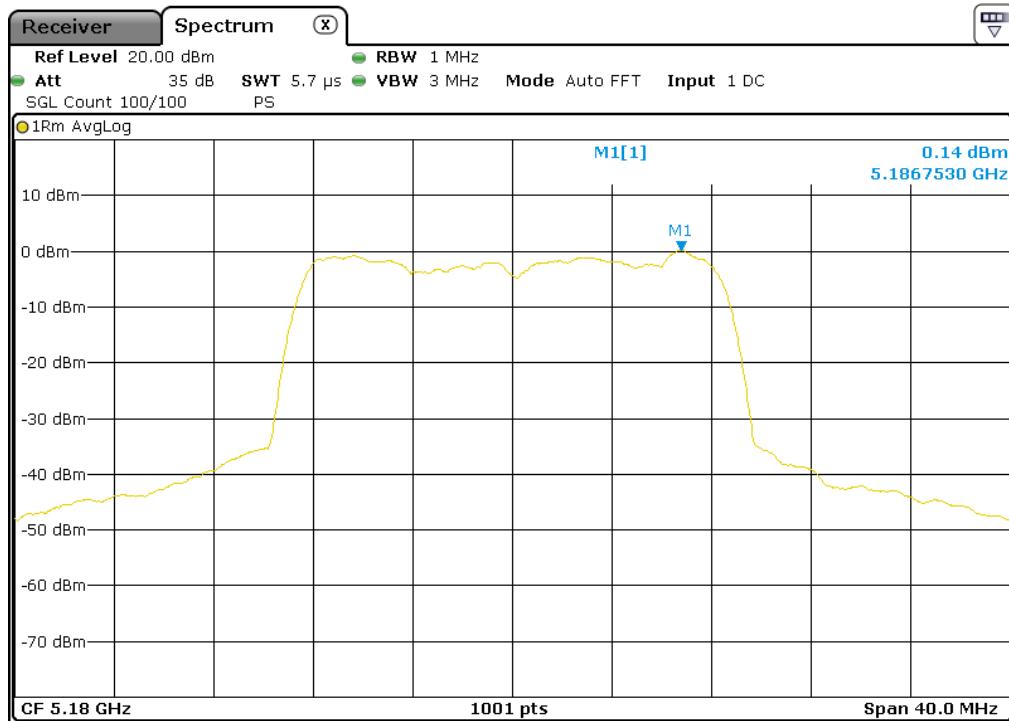
Channel 155



802.11 a

Antenna B

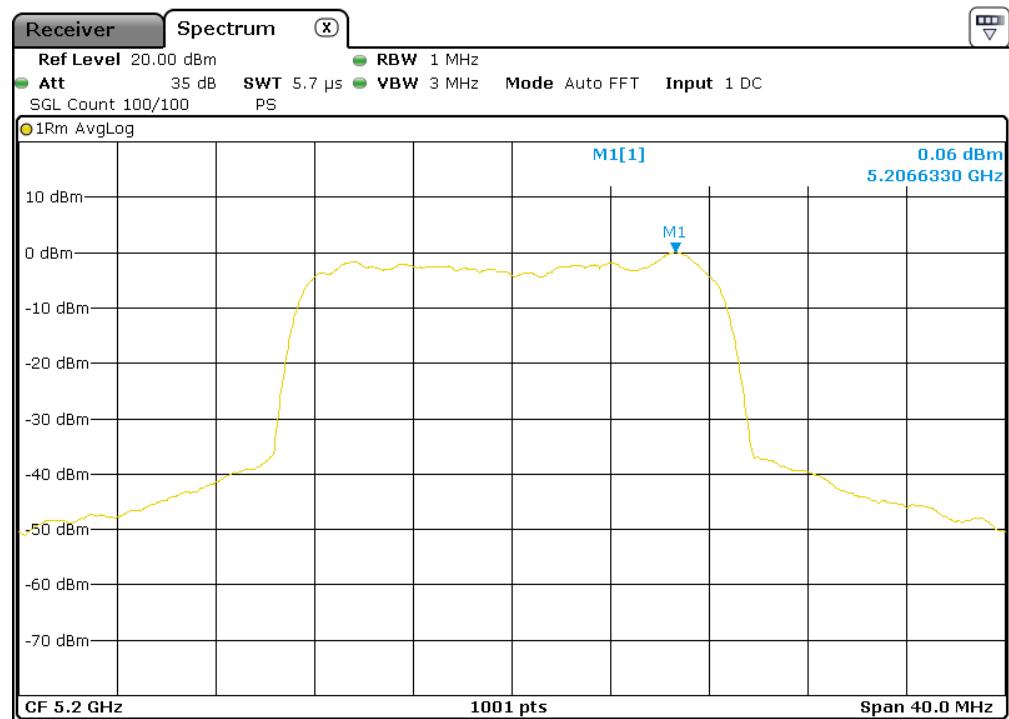
Channel 36



802.11 a

Antenna B

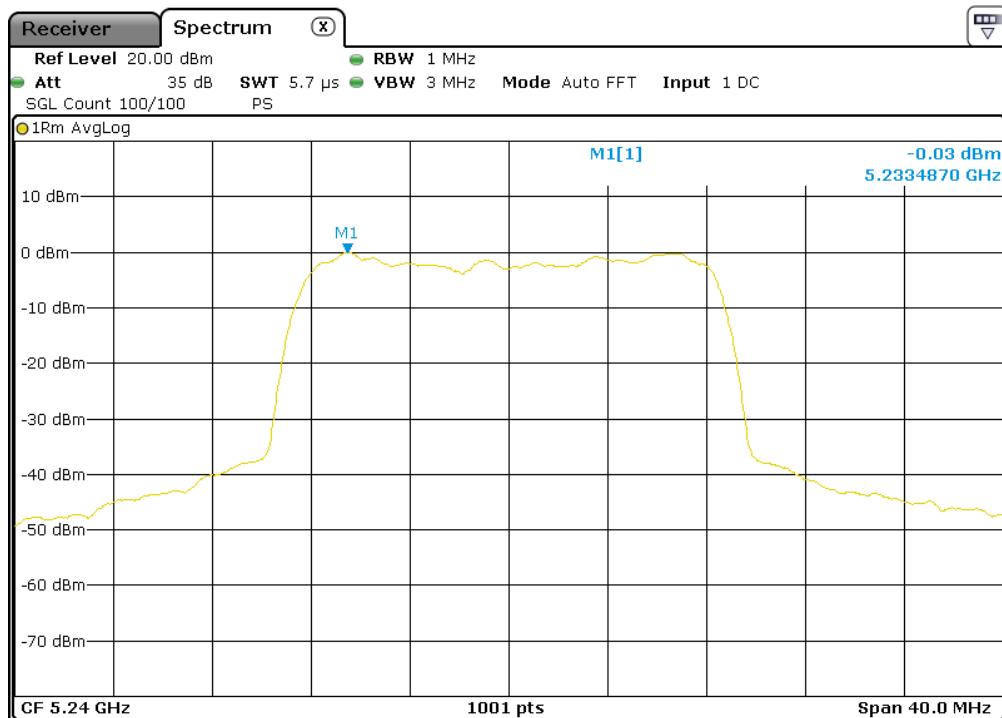
Channel 40



802.11 a

Antenna B

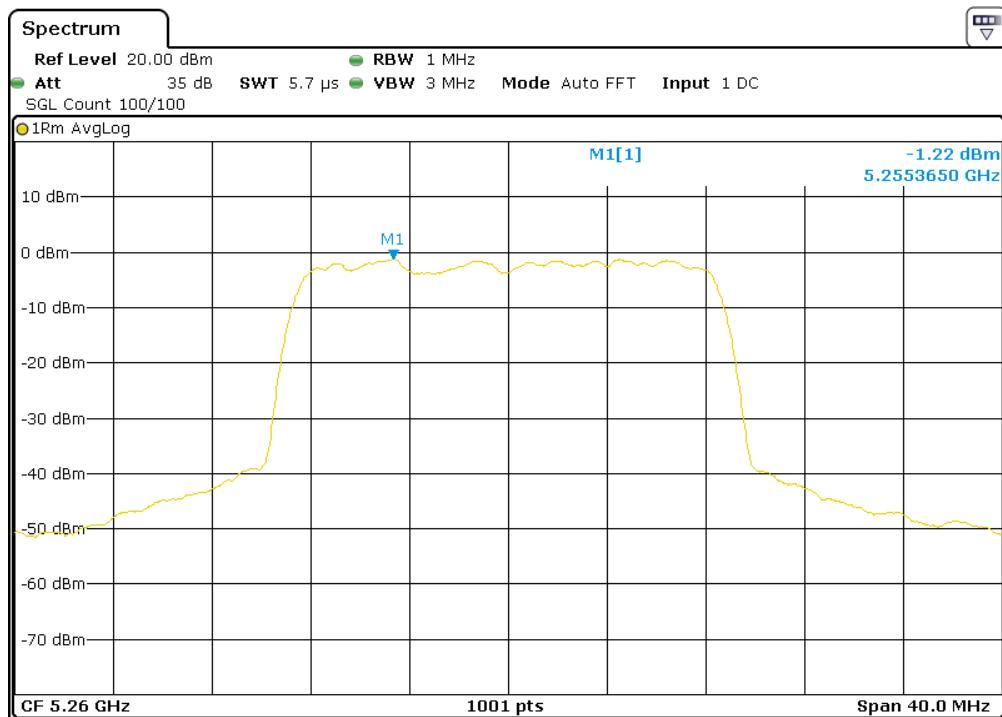
Channel 48



802.11 a

Antenna B

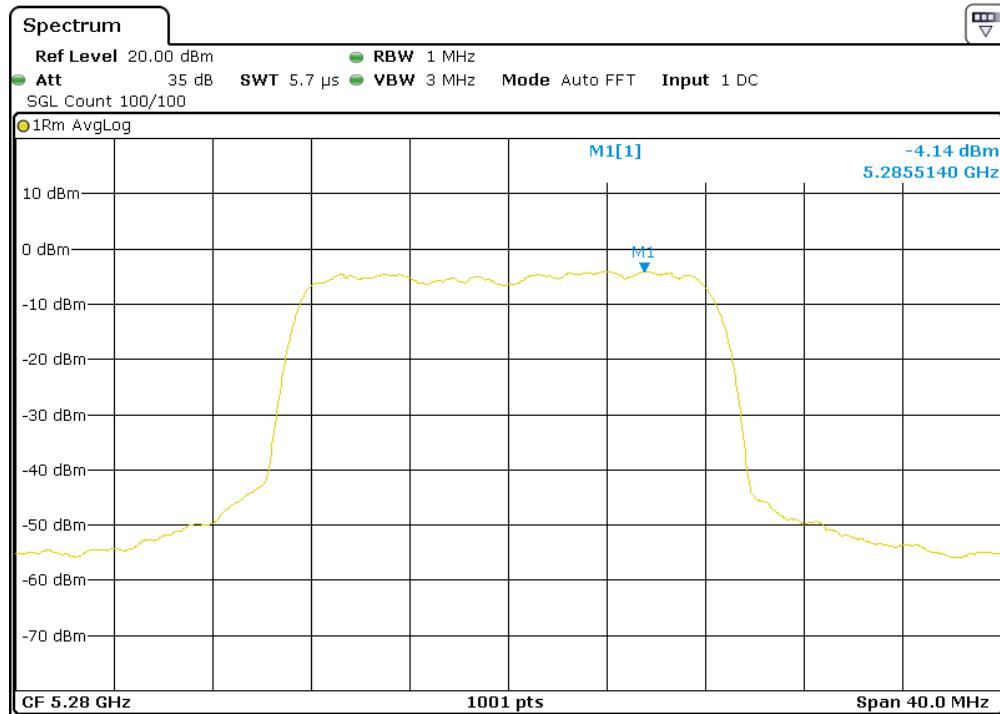
Channel 52



802.11 a

Antenna B

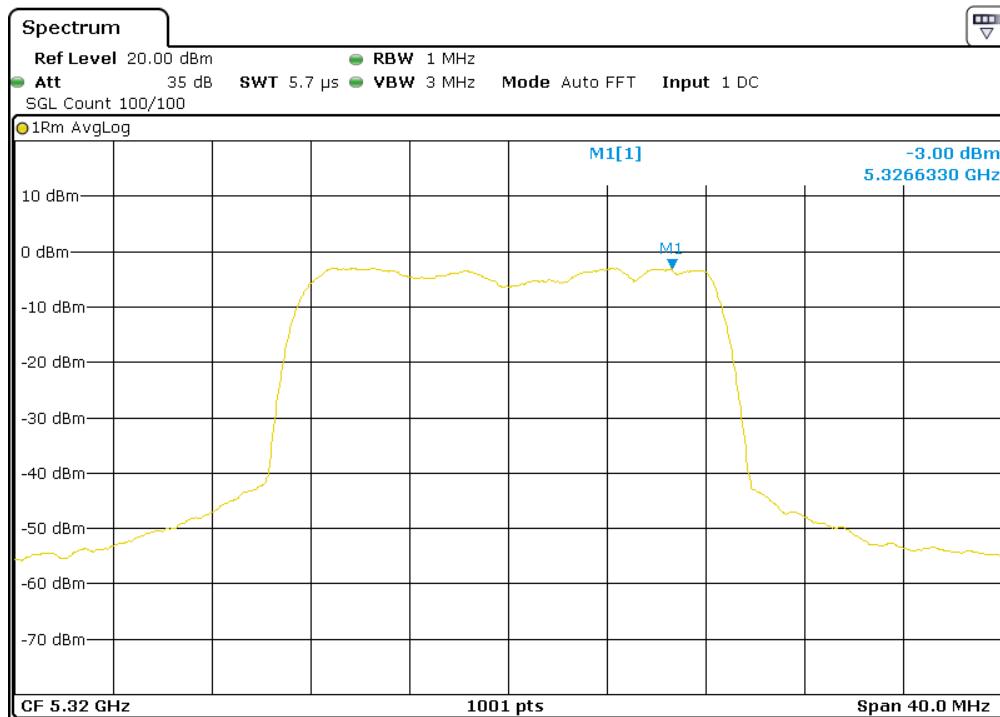
Channel 56



802.11 a

Antenna B

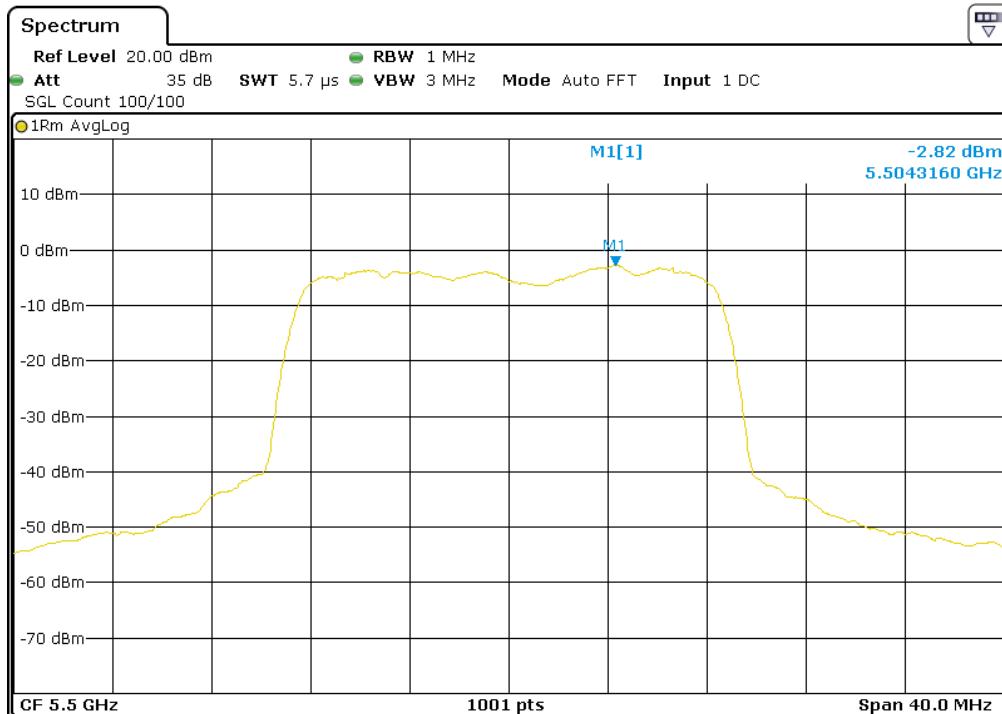
Channel 64



802.11 a

Antenna B

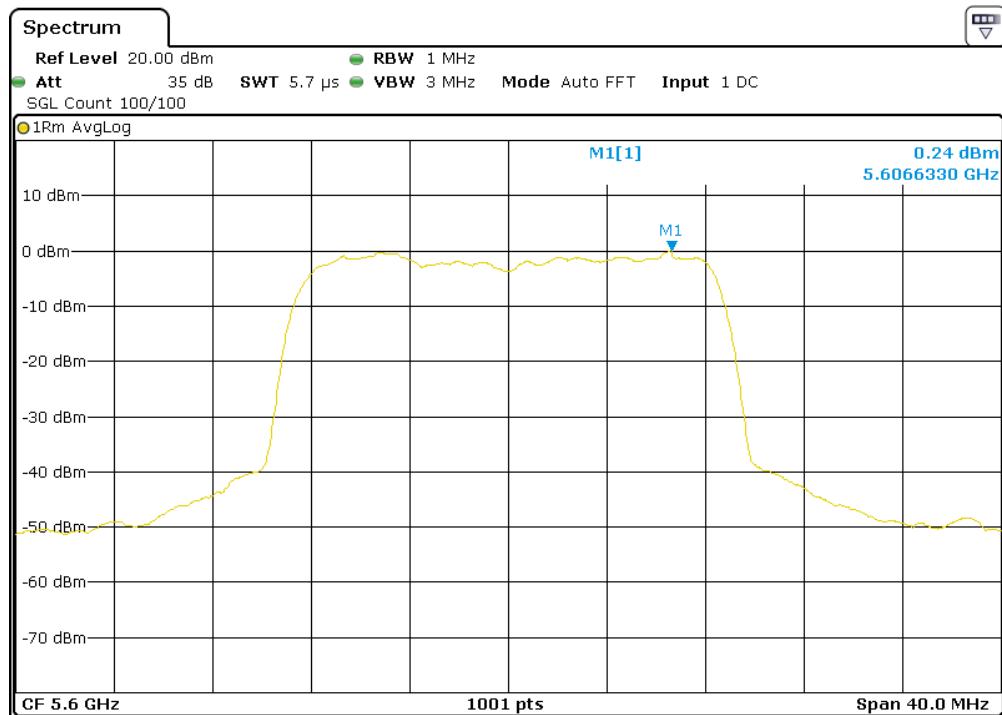
Channel 100



802.11 a

Antenna B

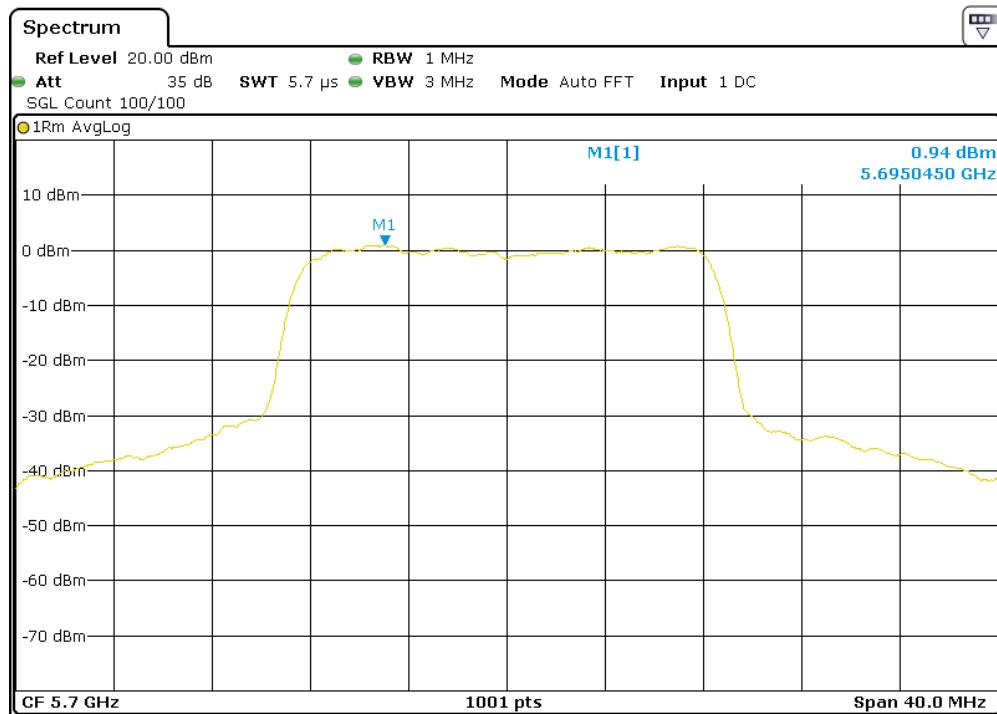
Channel 120



802.11 a

Antenna B

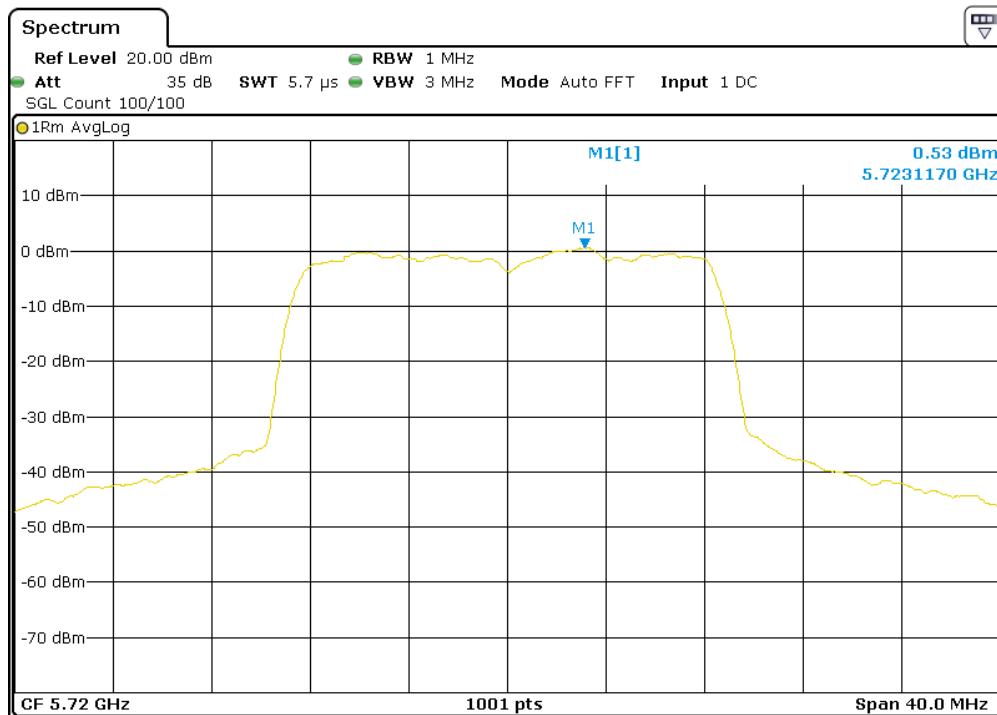
Channel 140



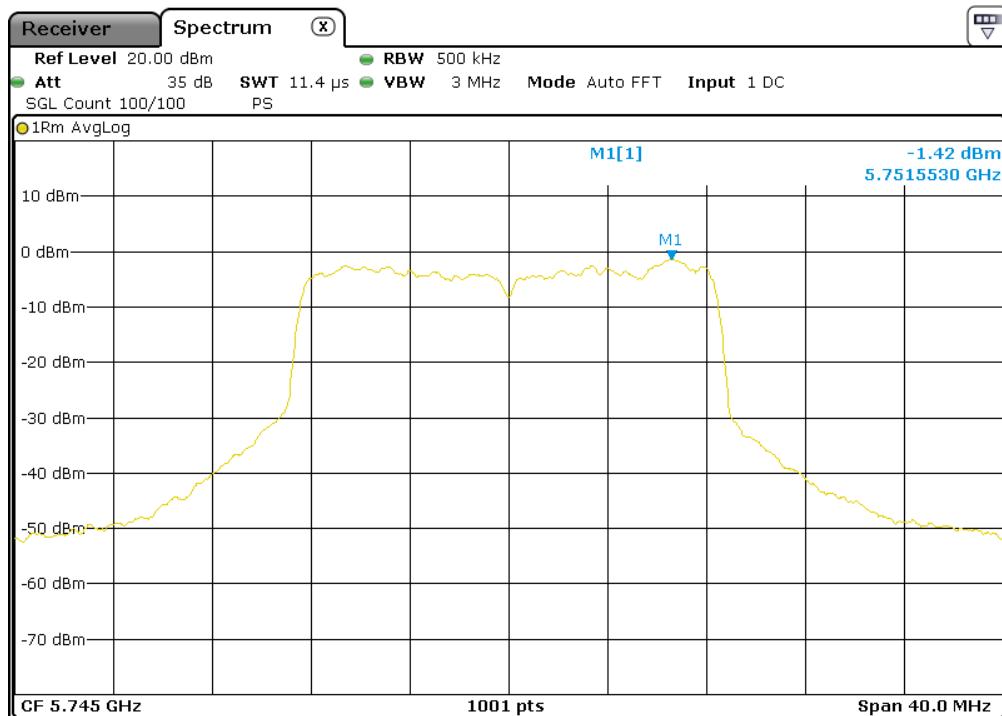
802.11 a

Antenna B

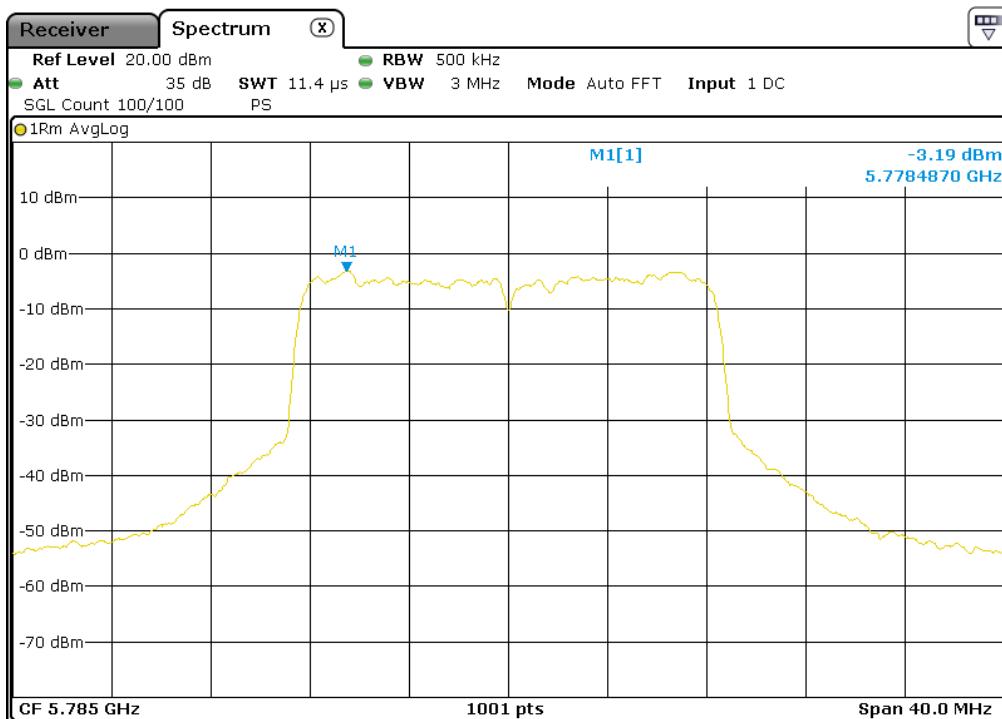
Channel 144



802.11 a	Antenna B	Channel 149
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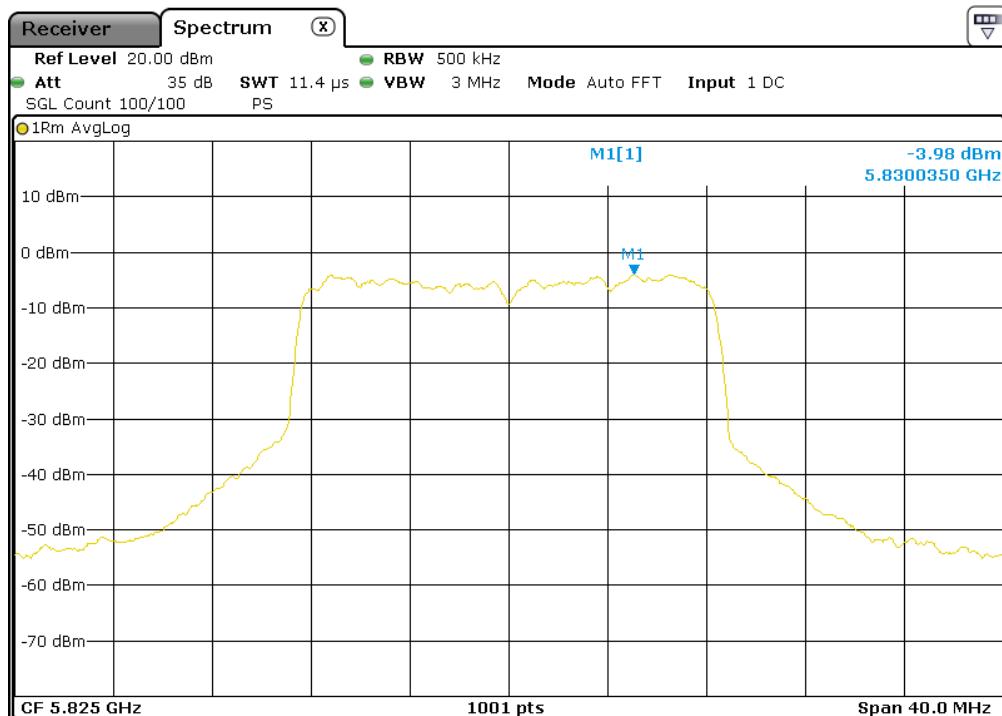
802.11 a	Antenna B	Channel 157
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802.11 a

Antenna B

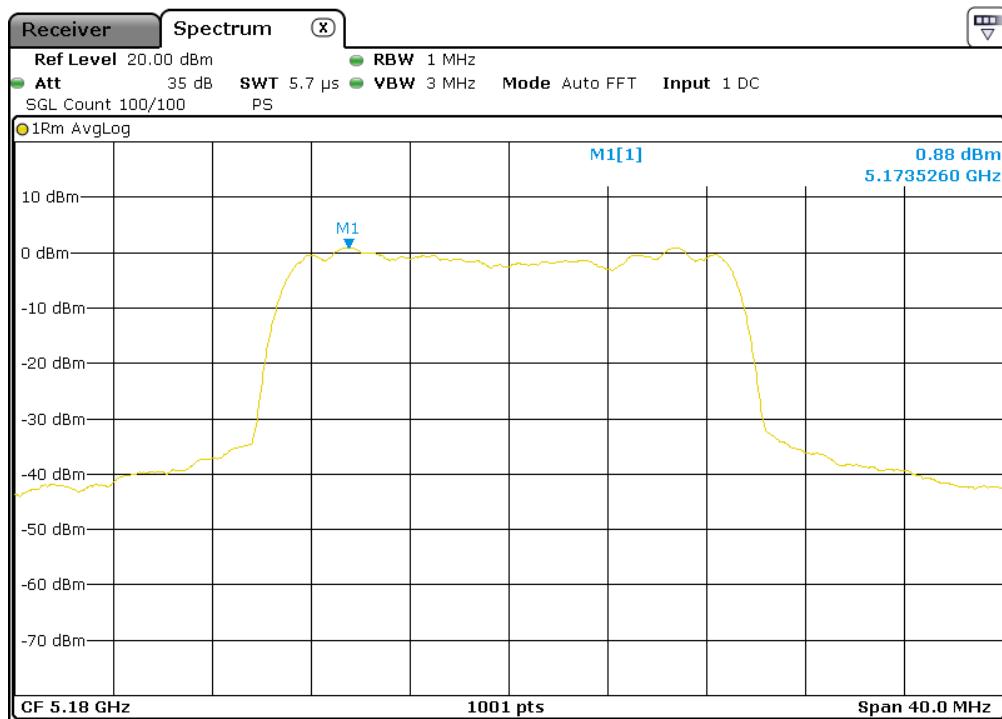
Channel 165



802.11 n(HT20)

Antenna B

Channel 36



802.11 n(HT20)

Antenna B

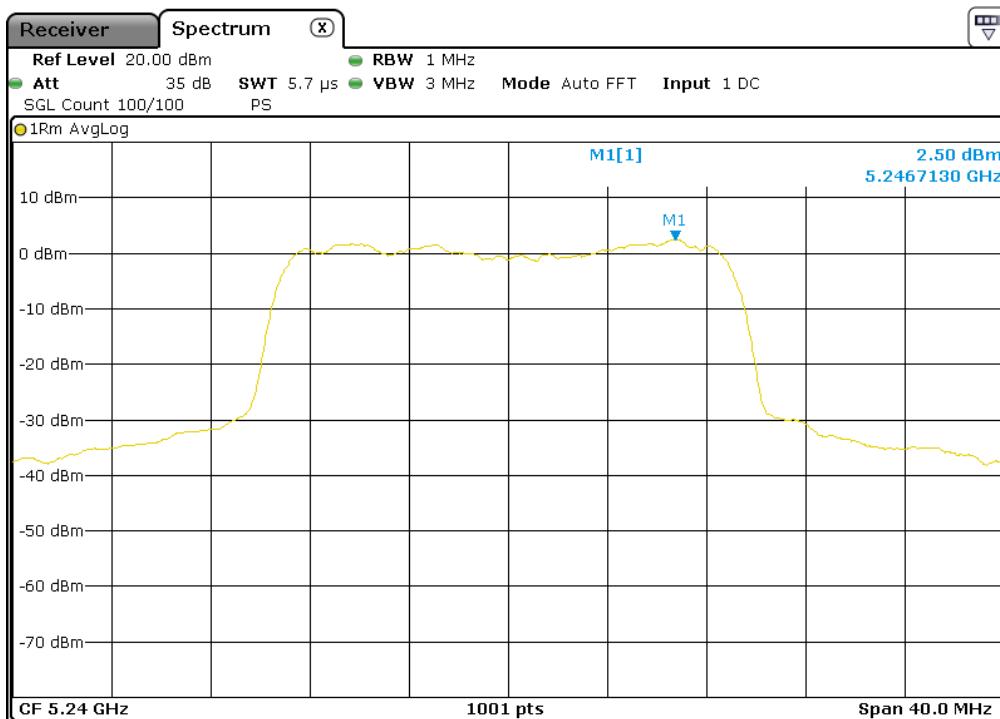
Channel 40



802.11 n(HT20)

Antenna B

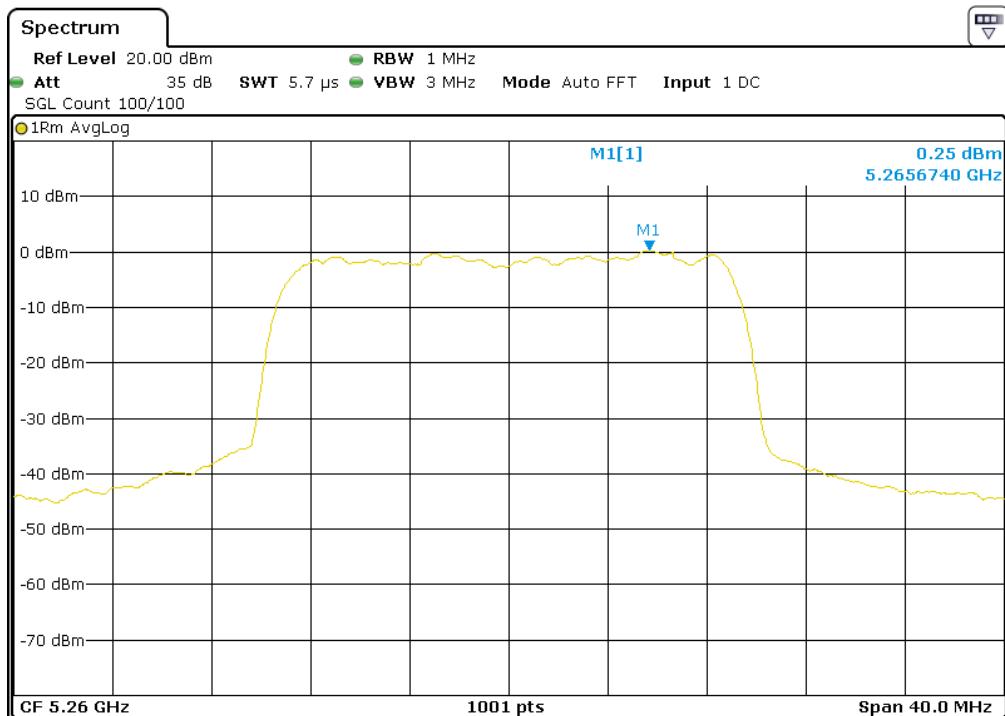
Channel 48



802.11 n(HT20)

Antenna B

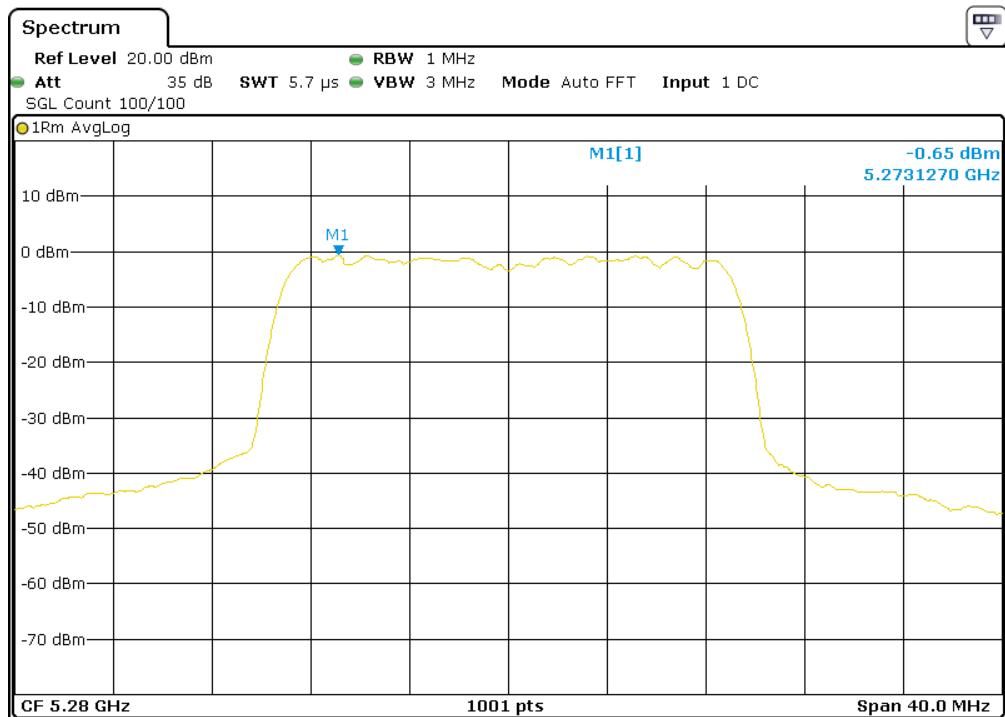
Channel 52



802.11 n(HT20)

Antenna B

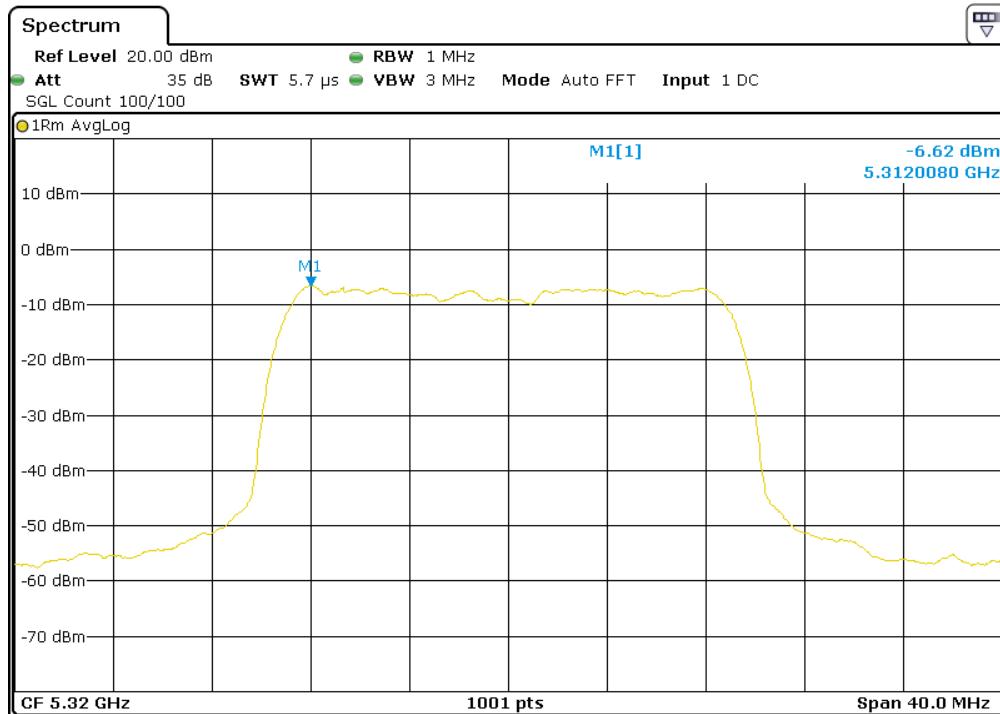
Channel 56



802.11 n(HT20)

Antenna B

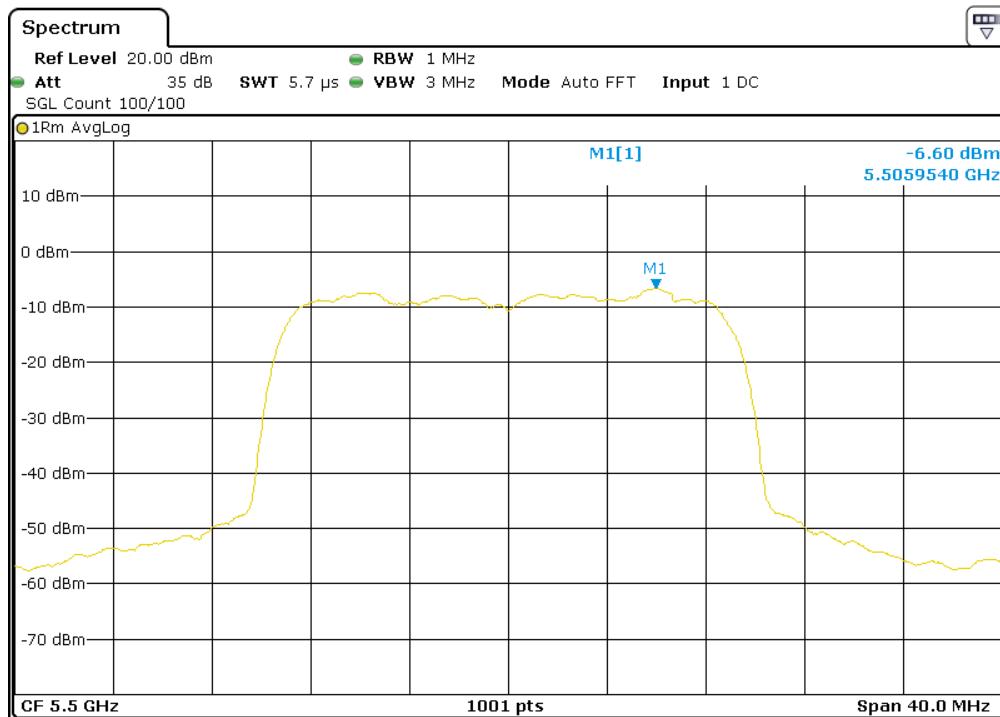
Channel 64



802.11 n(HT20)

Antenna B

Channel 100



802.11 n(HT20)

Antenna B

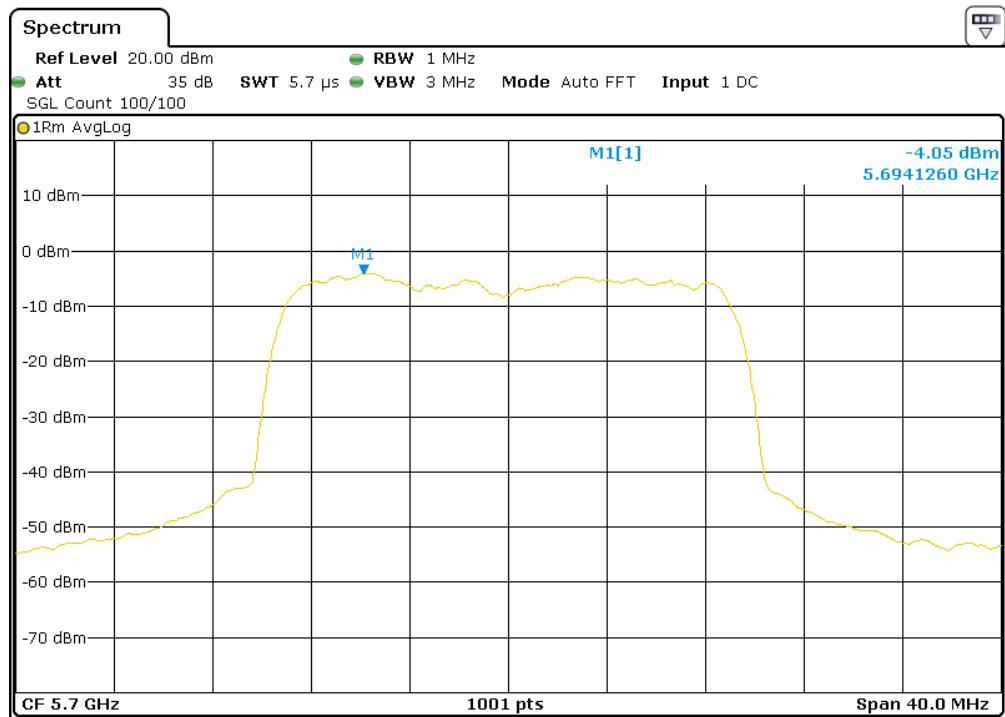
Channel 120



802.11 n(HT20)

Antenna B

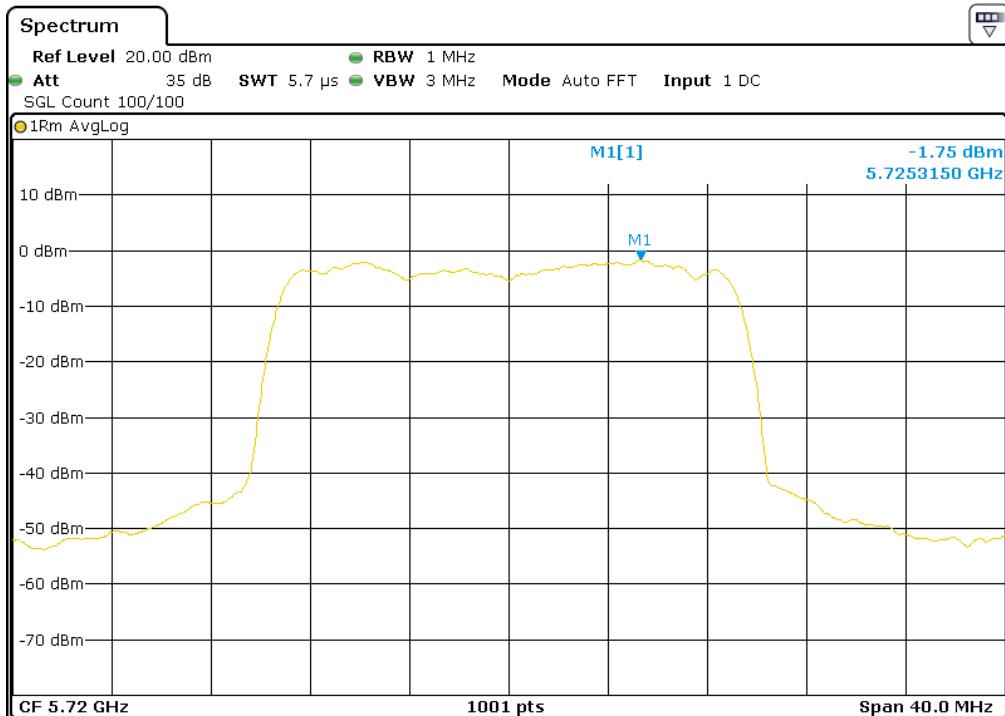
Channel 140



802.11 n(HT20)

Antenna B

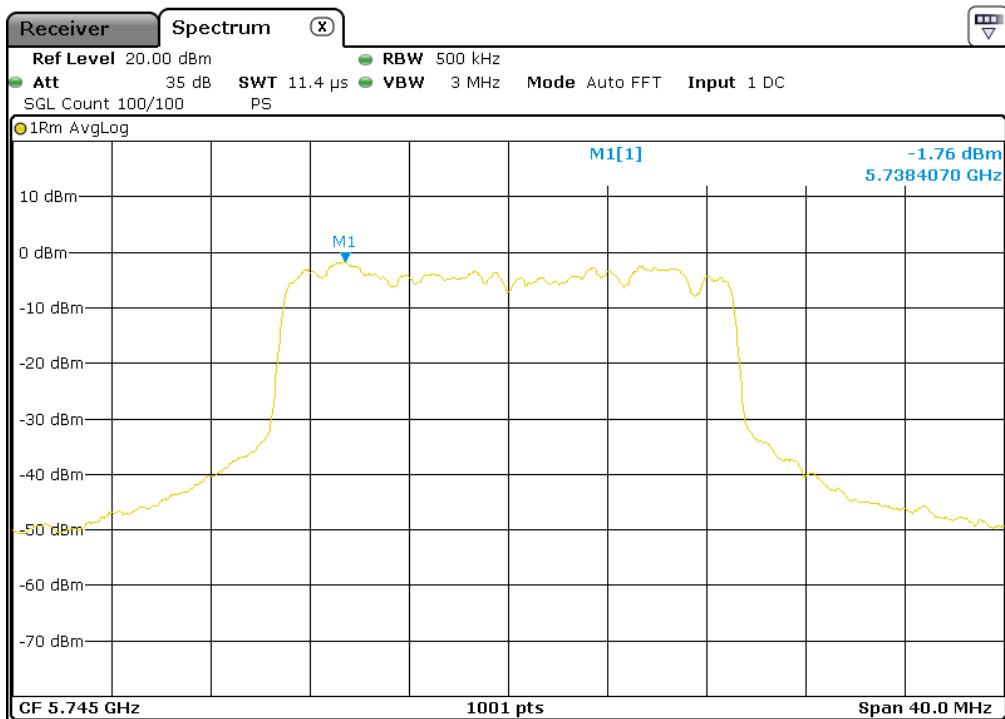
Channel 144



802.11 n(HT20)

Antenna B

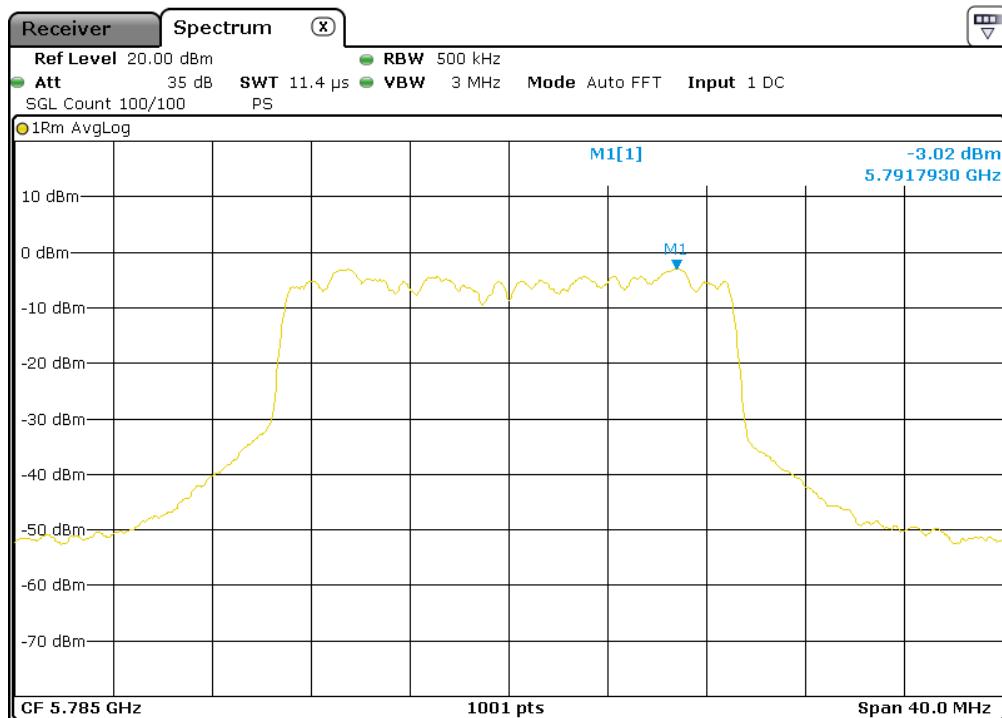
Channel 149



802.11 n(HT20)

Antenna B

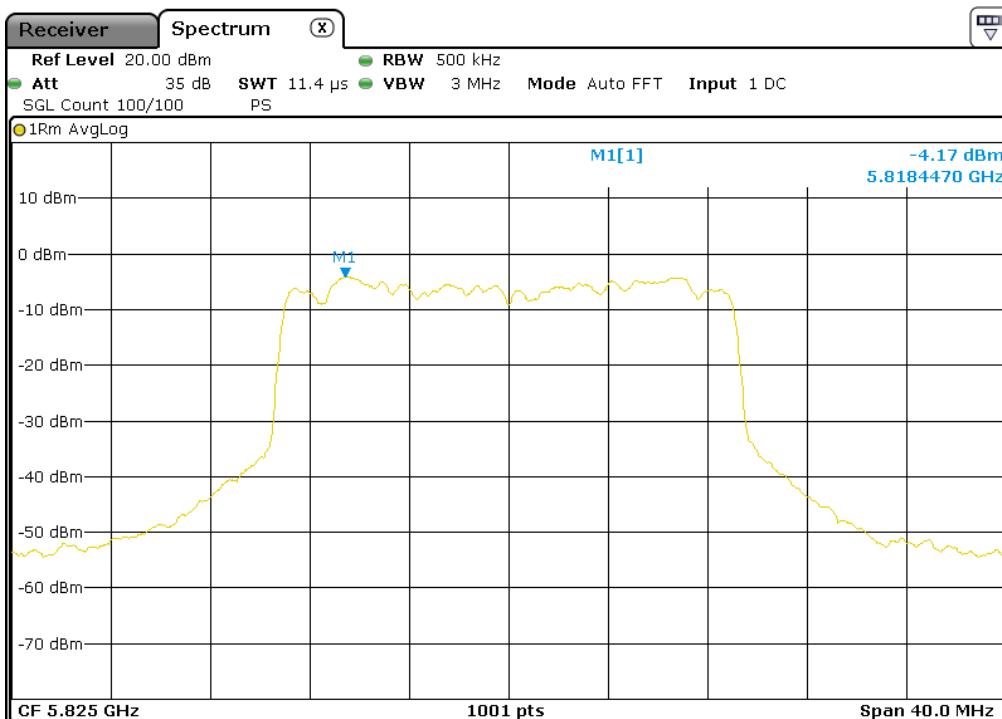
Channel 157



802.11 n(HT20)

Antenna B

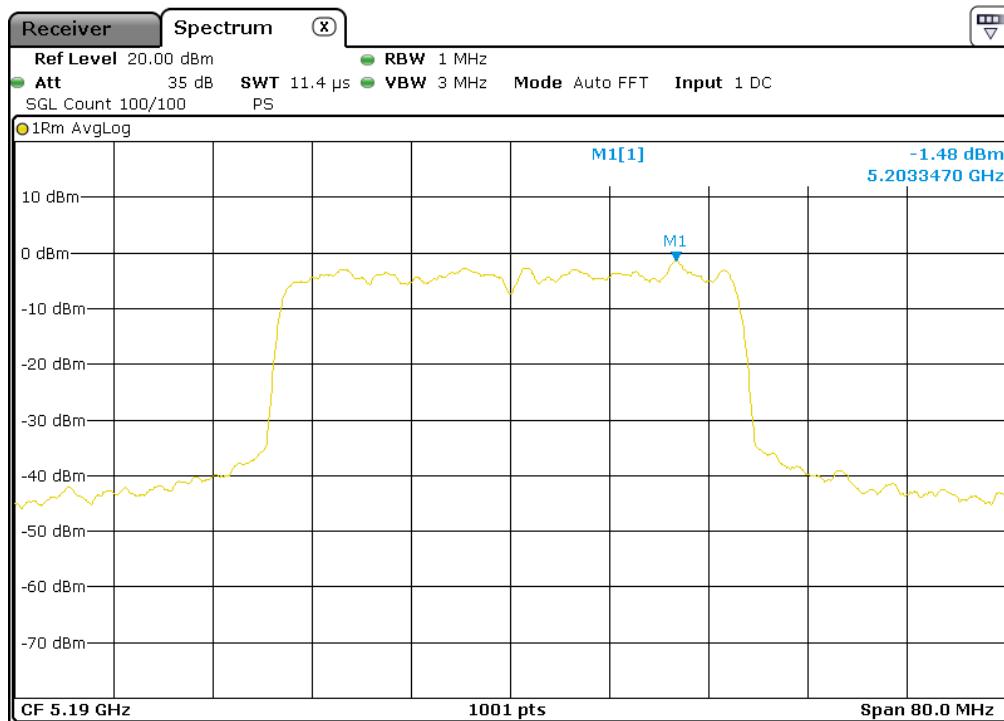
Channel 165



802.11 n(HT40)

Antenna B

Channel 38



802.11 n(HT40)

Antenna B

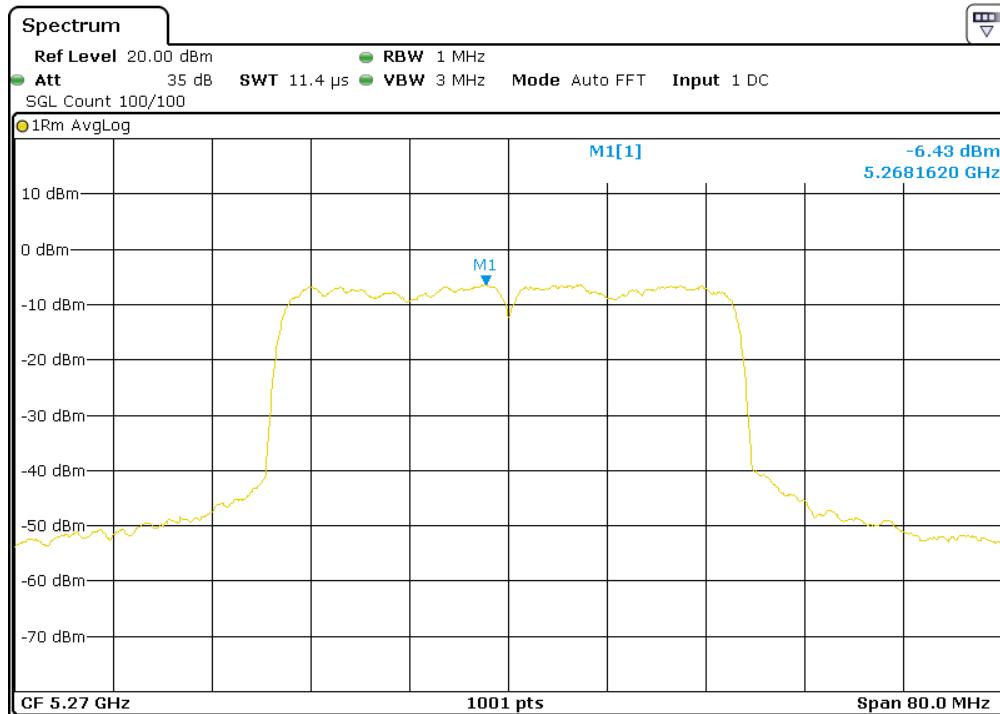
Channel 46



802.11 n(HT40)

Antenna B

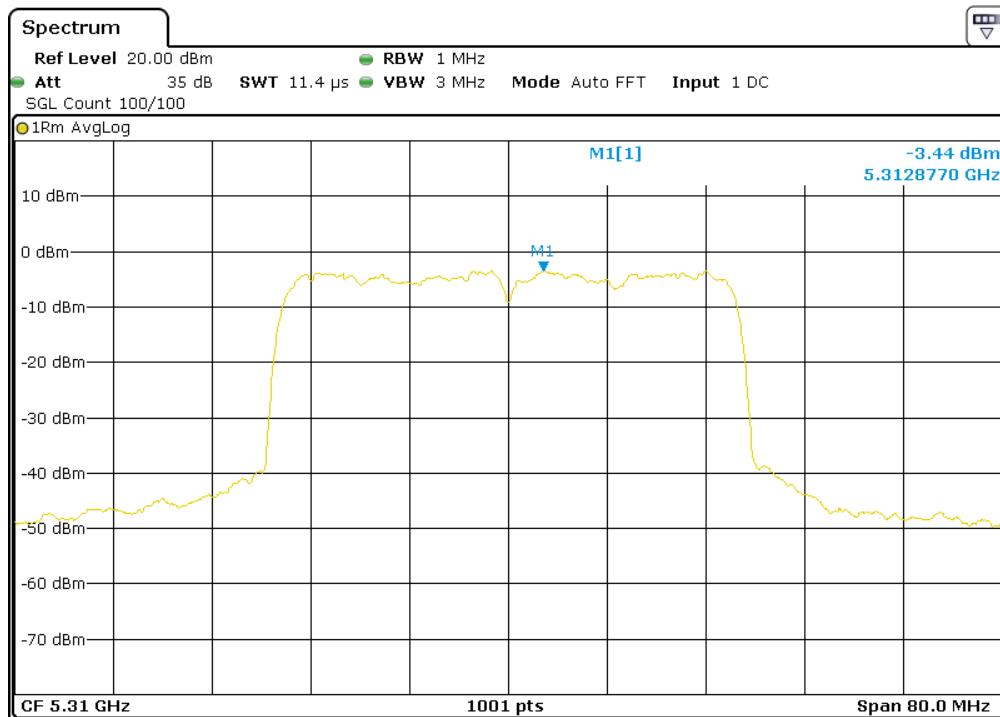
Channel 54



802.11 n(HT40)

Antenna B

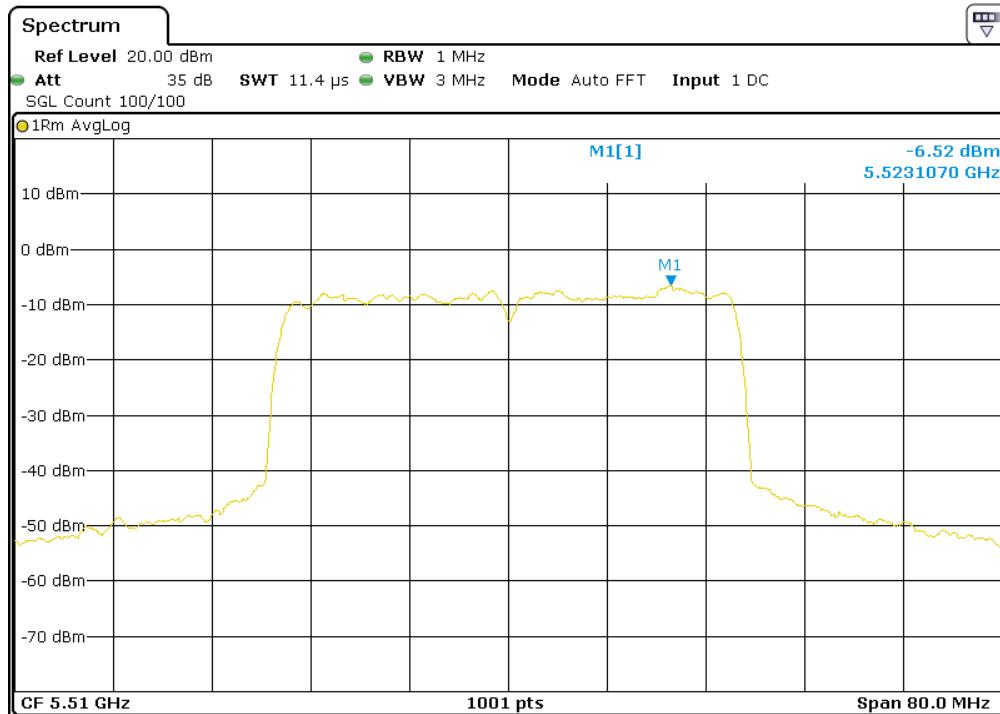
Channel 62



802.11 n(HT40)

Antenna B

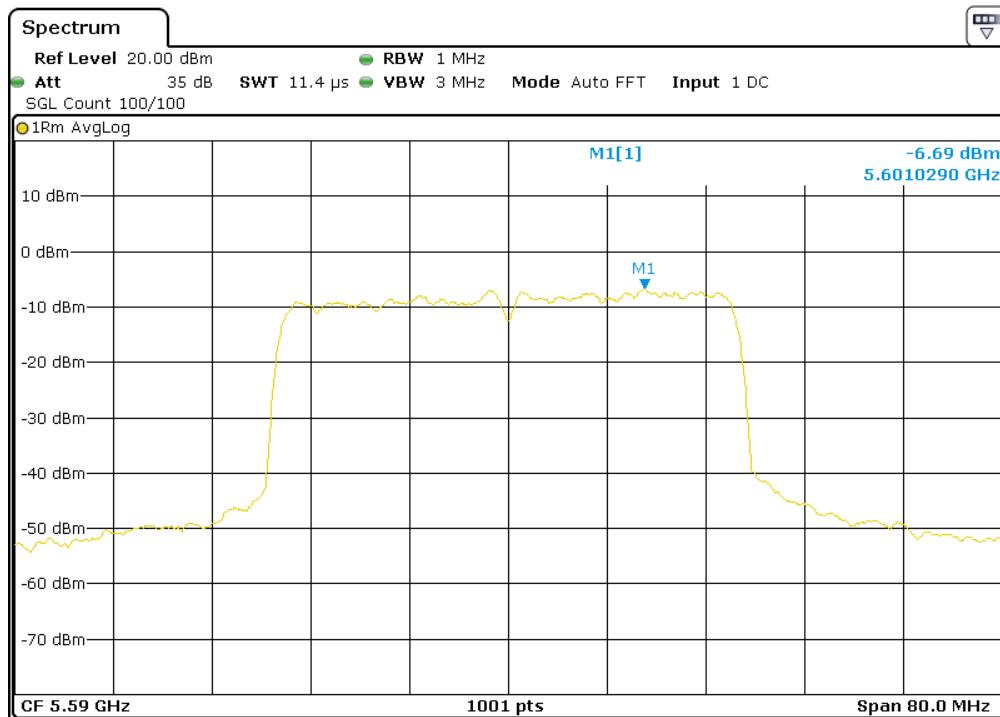
Channel 102



802.11 n(HT40)

Antenna B

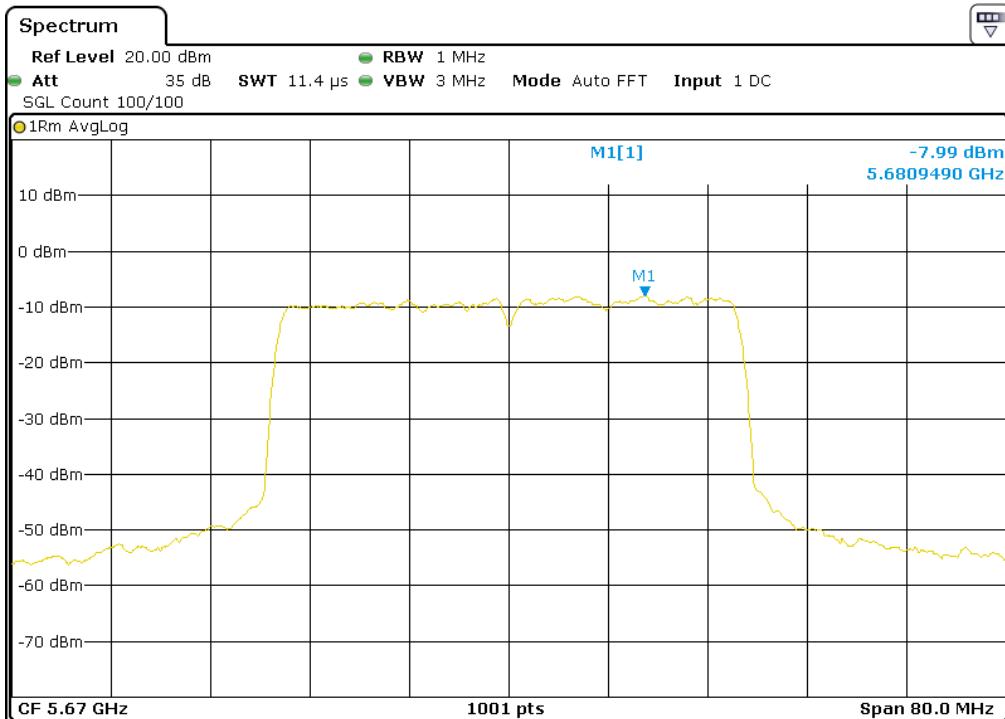
Channel 118



802.11 n(HT40)

Antenna B

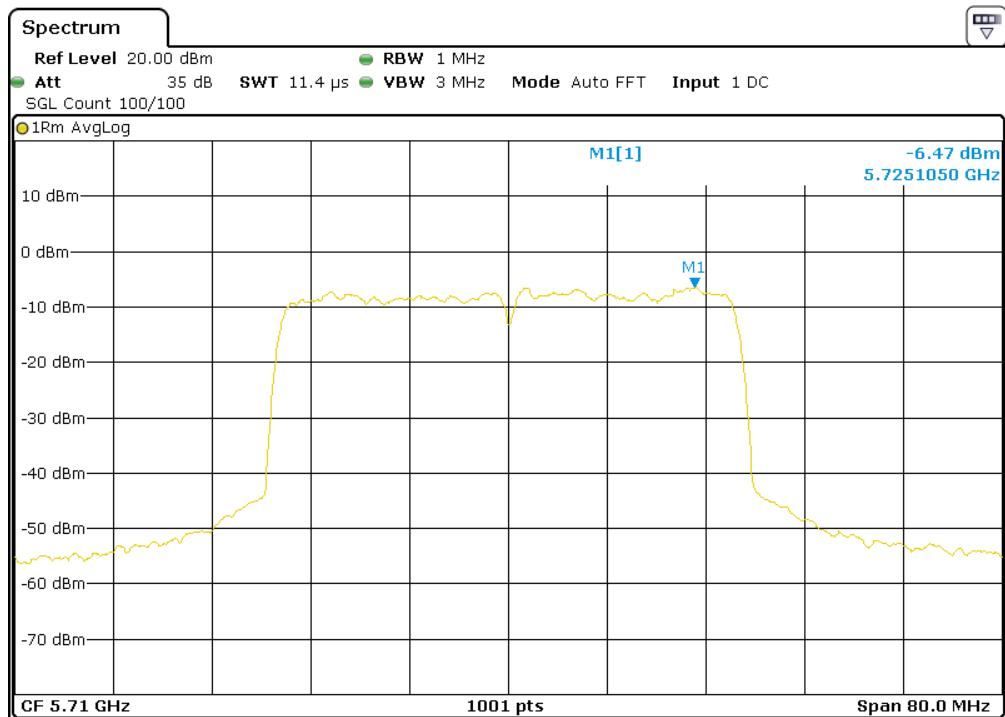
Channel 134



802.11 n(HT40)

Antenna B

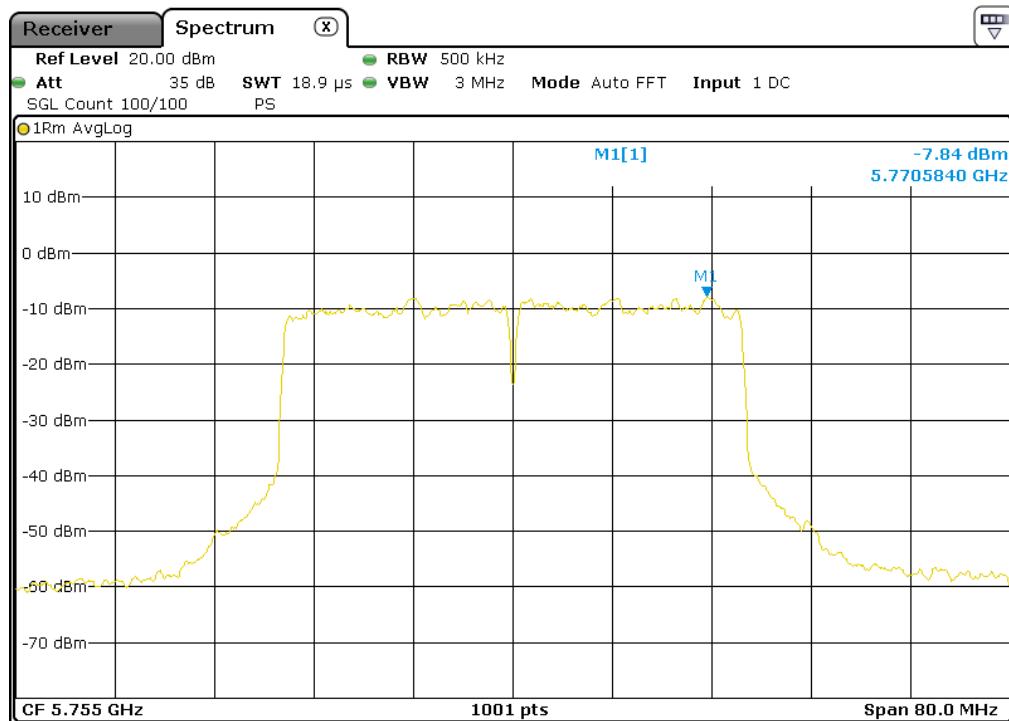
Channel 142



802.11 n(HT40)

Antenna B

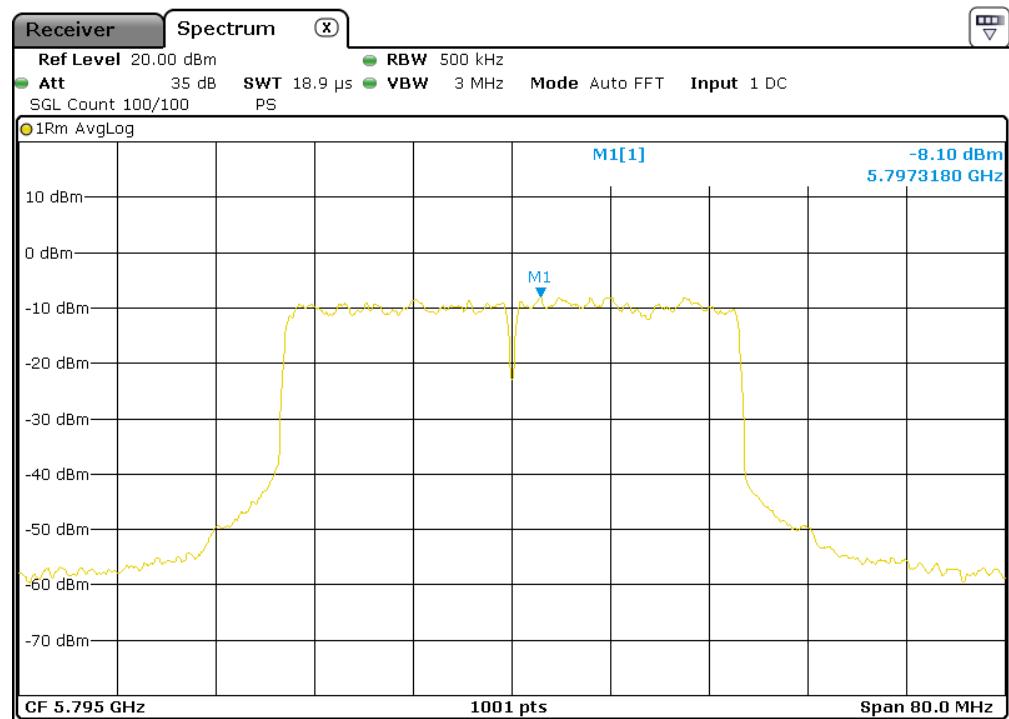
Channel 151



802.11 n(HT40)

Antenna B

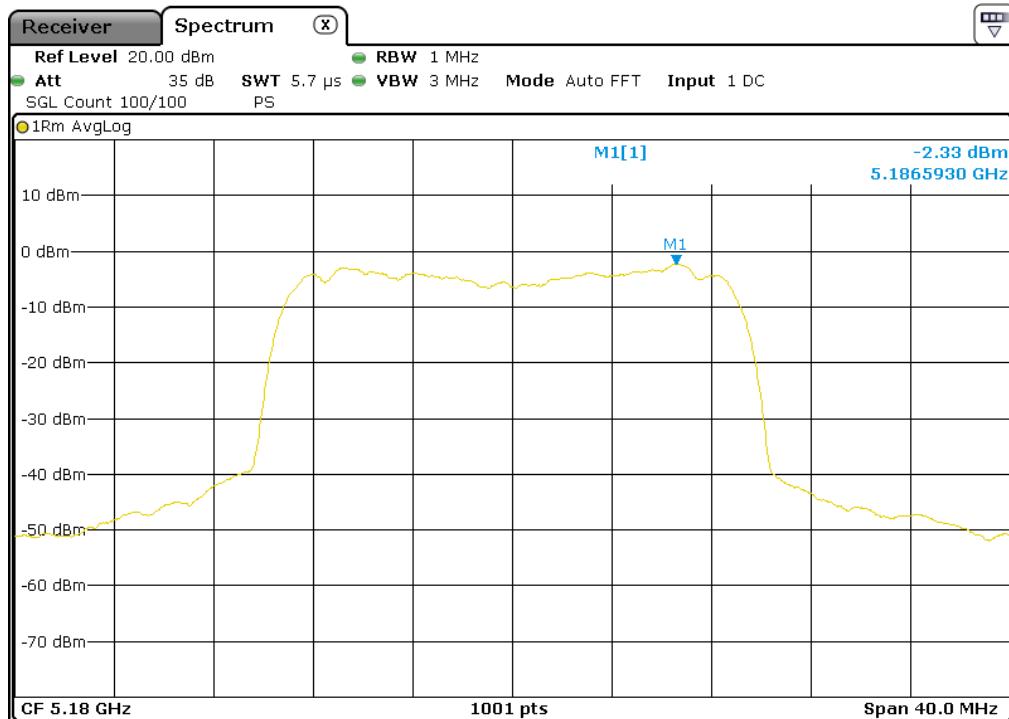
Channel 159



802.11 ac(VHT20)

Antenna B

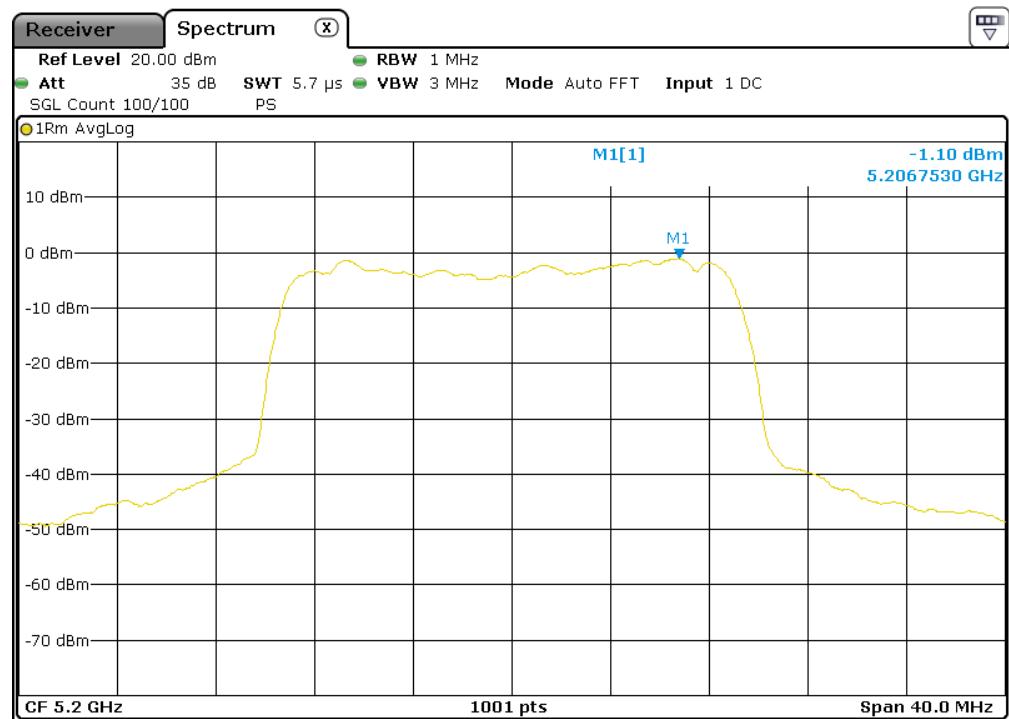
Channel 36



802.11 ac(VHT20)

Antenna B

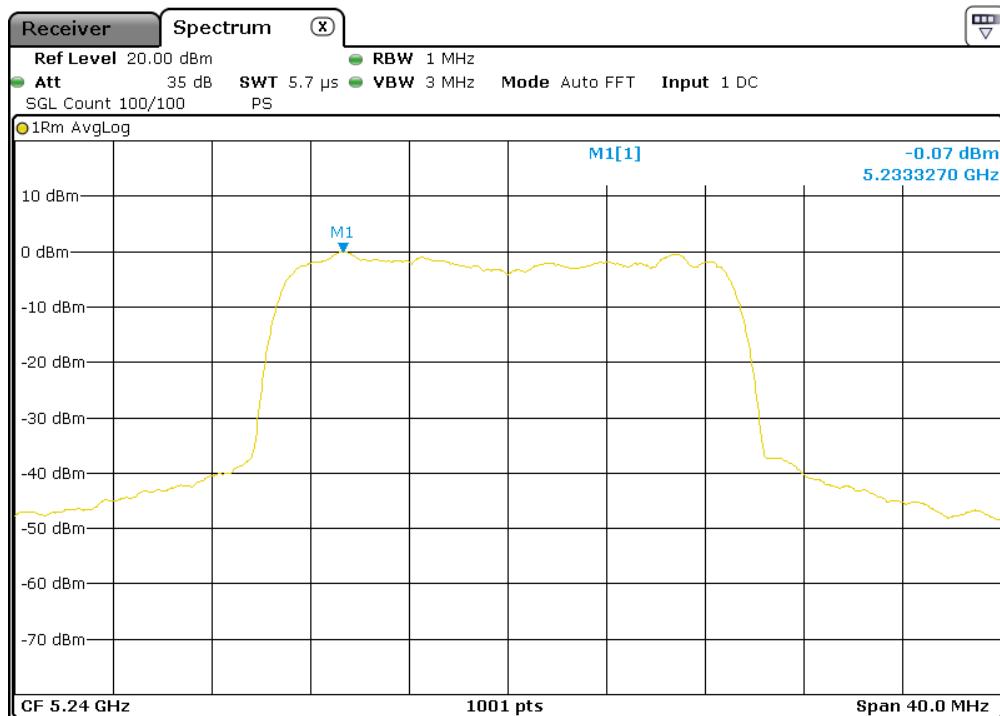
Channel 40



802.11 ac(VHT20)

Antenna B

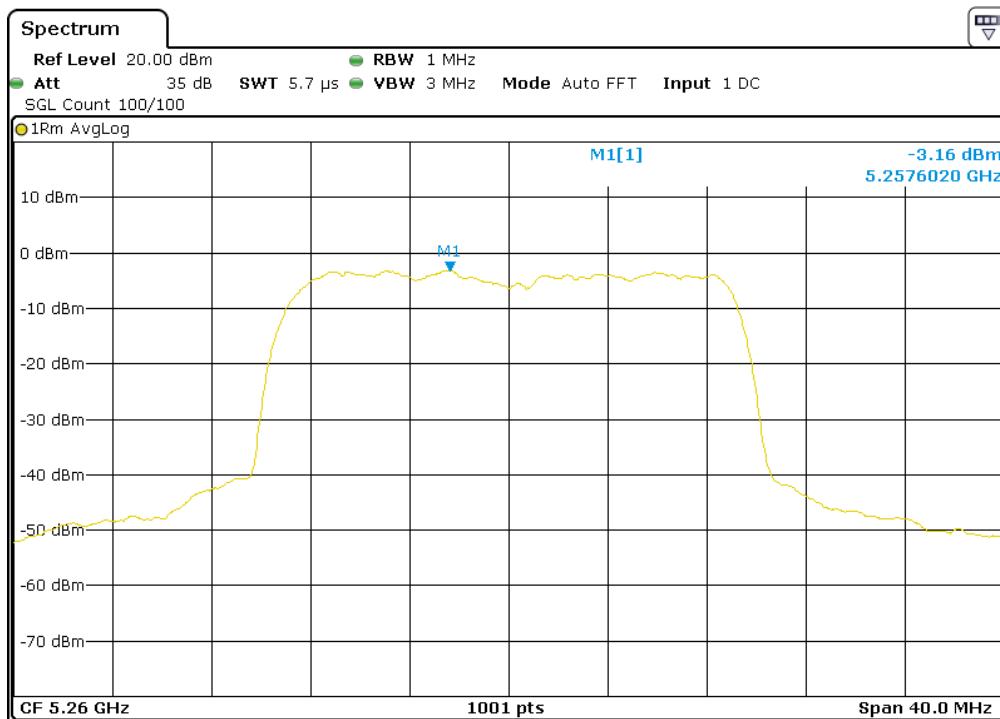
Channel 48



802.11 ac(VHT20)

Antenna B

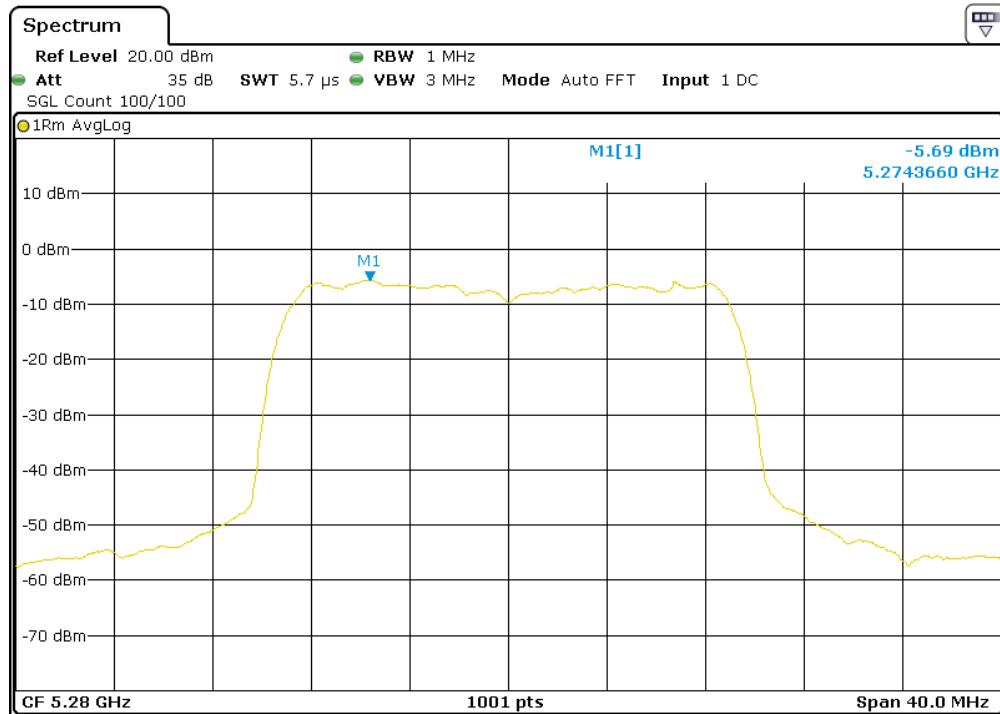
Channel 52



802.11 ac(VHT20)

Antenna B

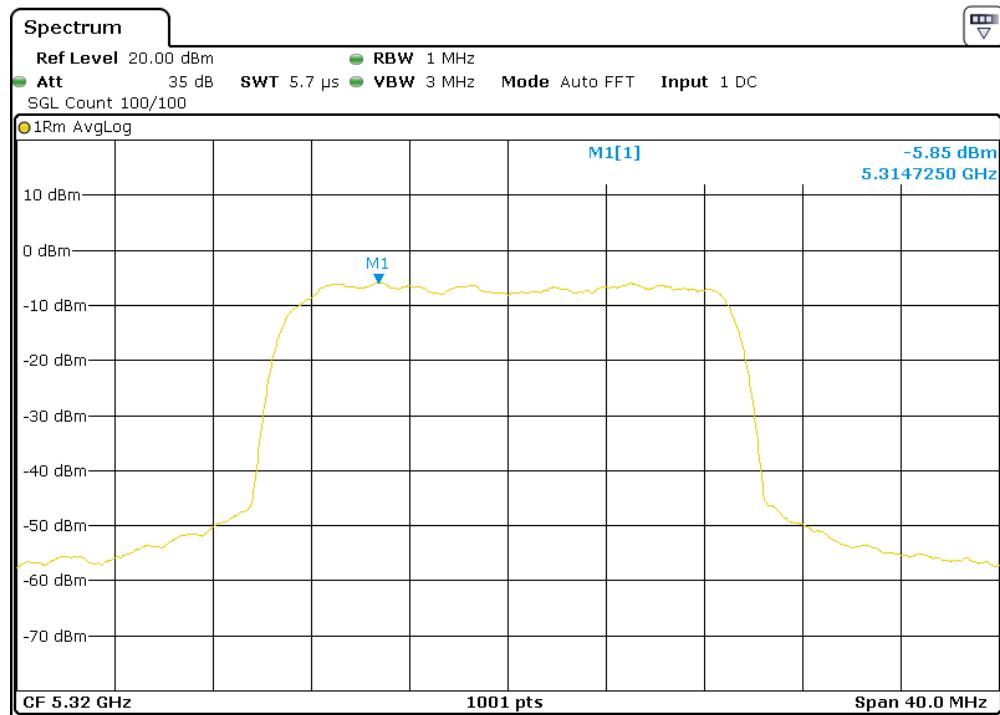
Channel 56



802.11 ac(VHT20)

Antenna B

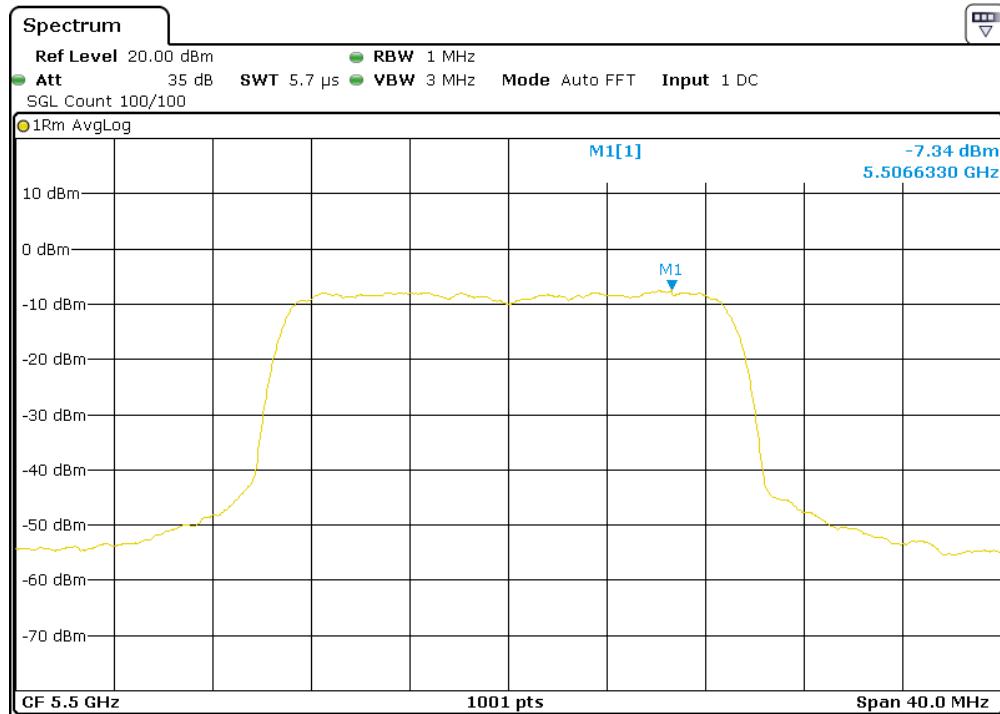
Channel 64



802.11 ac(VHT20)

Antenna B

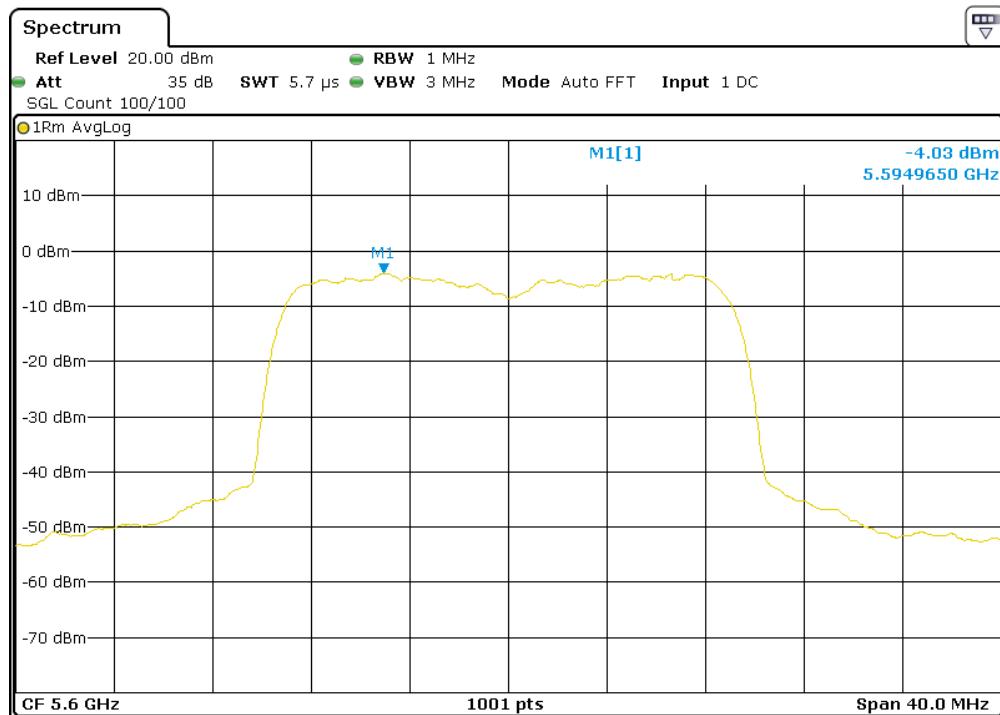
Channel 100



802.11 ac(VHT20)

Antenna B

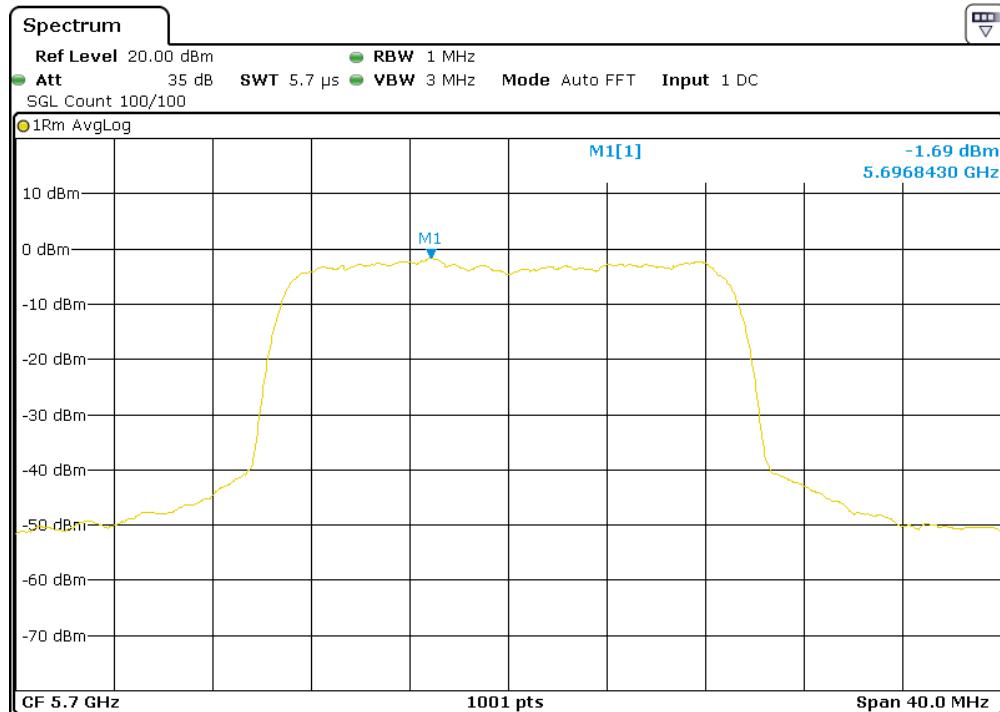
Channel 120



802.11 ac(VHT20)

Antenna B

Channel 140



802.11 ac(VHT20)

Antenna B

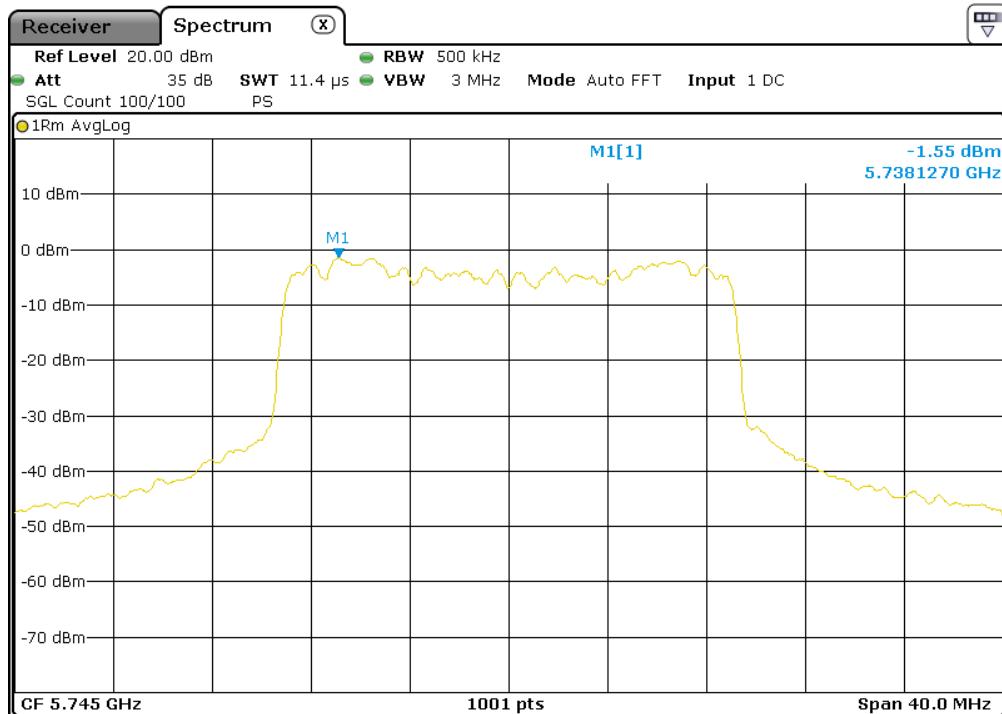
Channel 144



802.11 ac(VHT20)

Antenna B

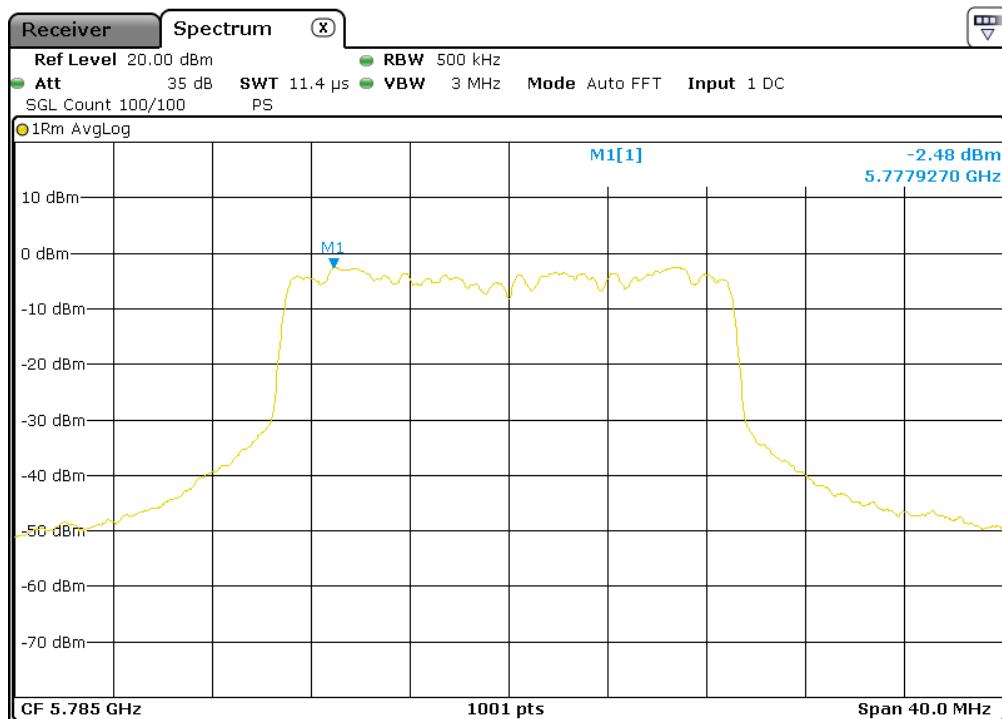
Channel 149



802.11 ac(VHT20)

Antenna B

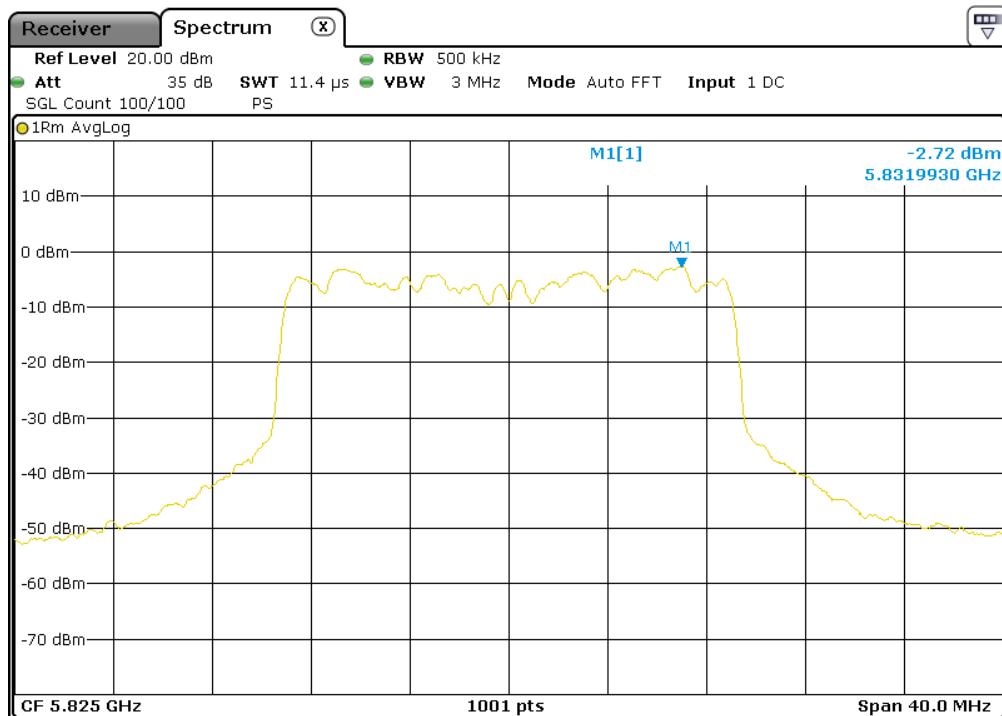
Channel 157



802.11 ac(VHT20)

Antenna B

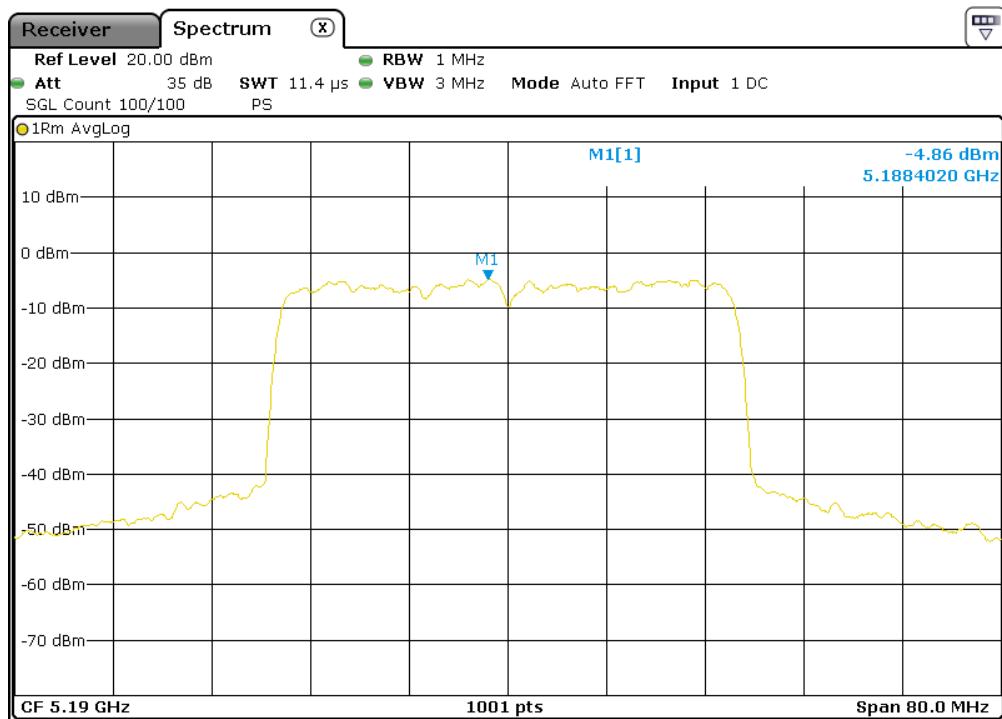
Channel 165



802.11 ac(VHT40)

Antenna B

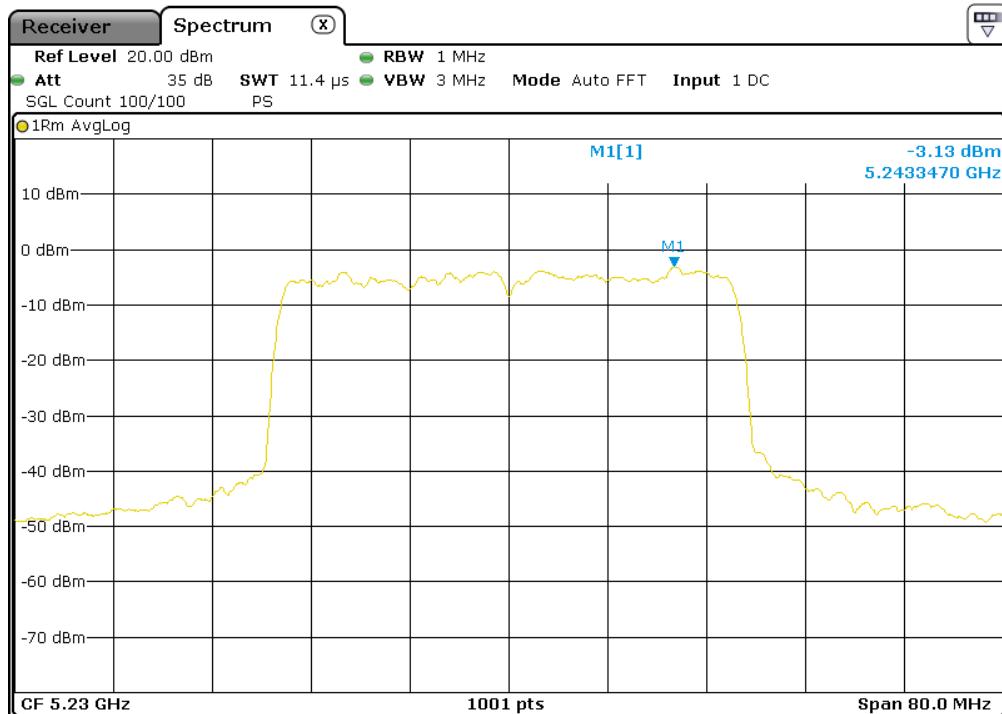
Channel 38



802.11 ac(VHT40)

Antenna B

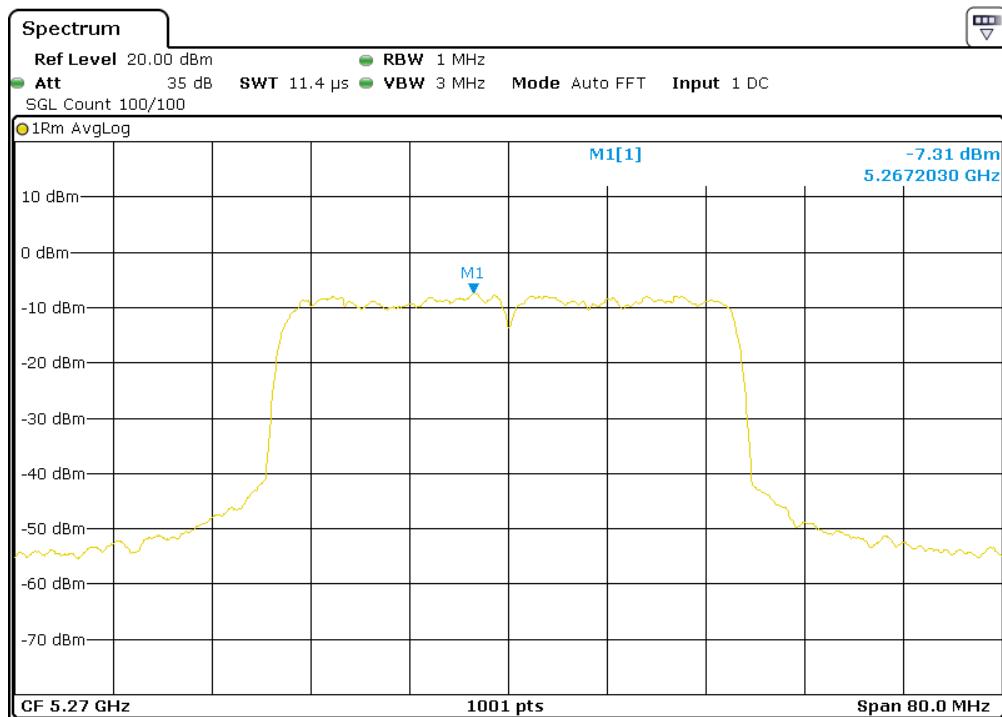
Channel 46



802.11 ac(VHT40)

Antenna B

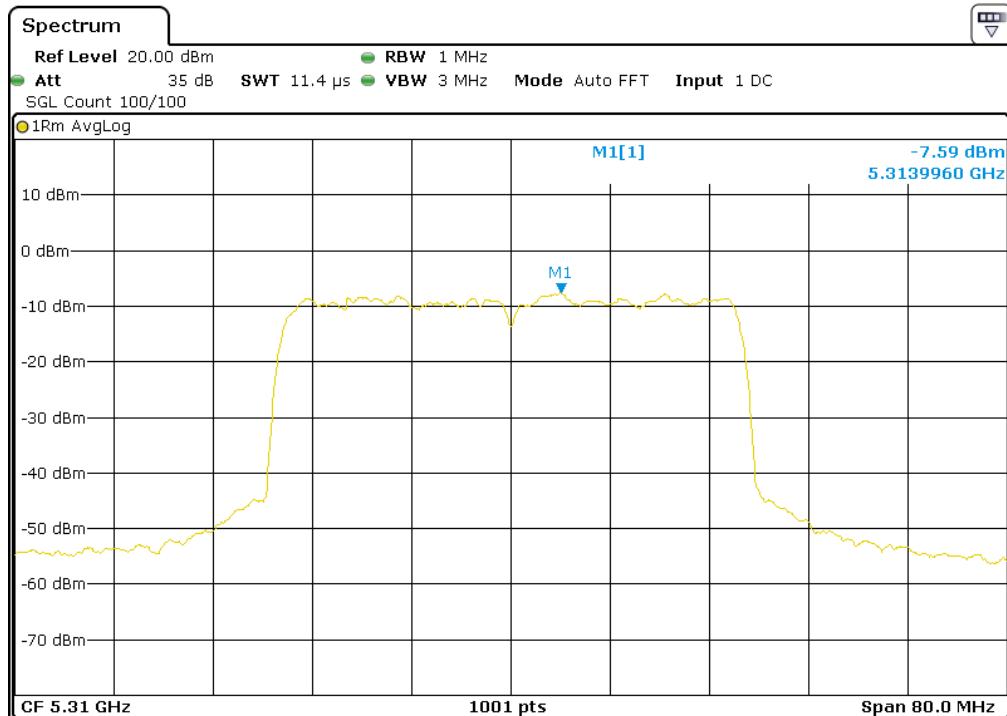
Channel 54



802.11 ac(VHT40)

Antenna B

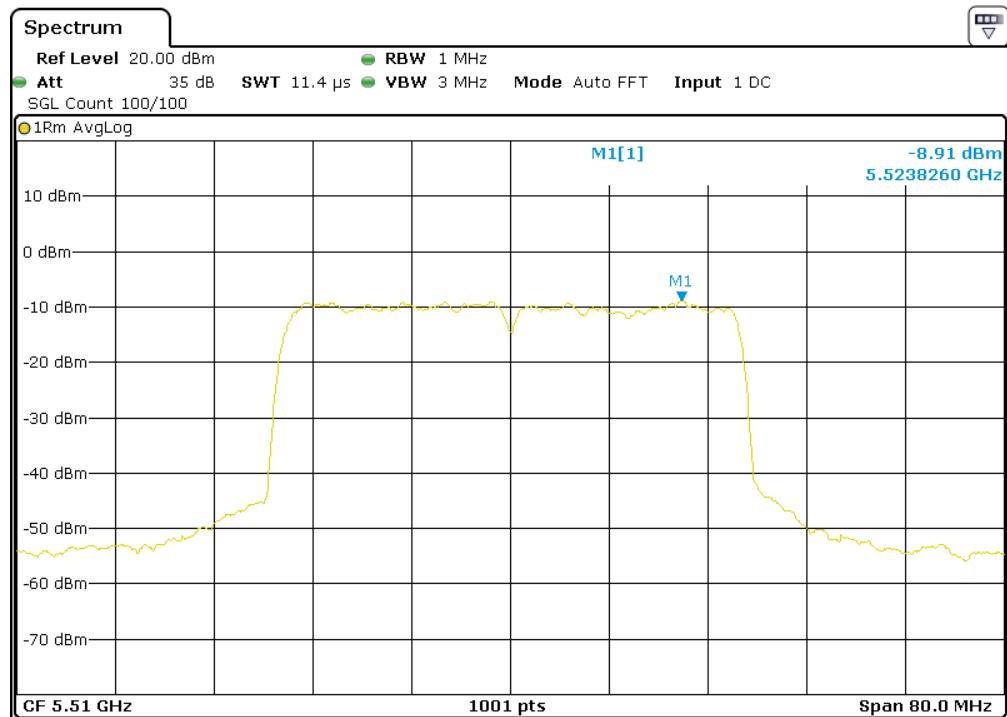
Channel 62



802.11 ac(VHT40)

Antenna B

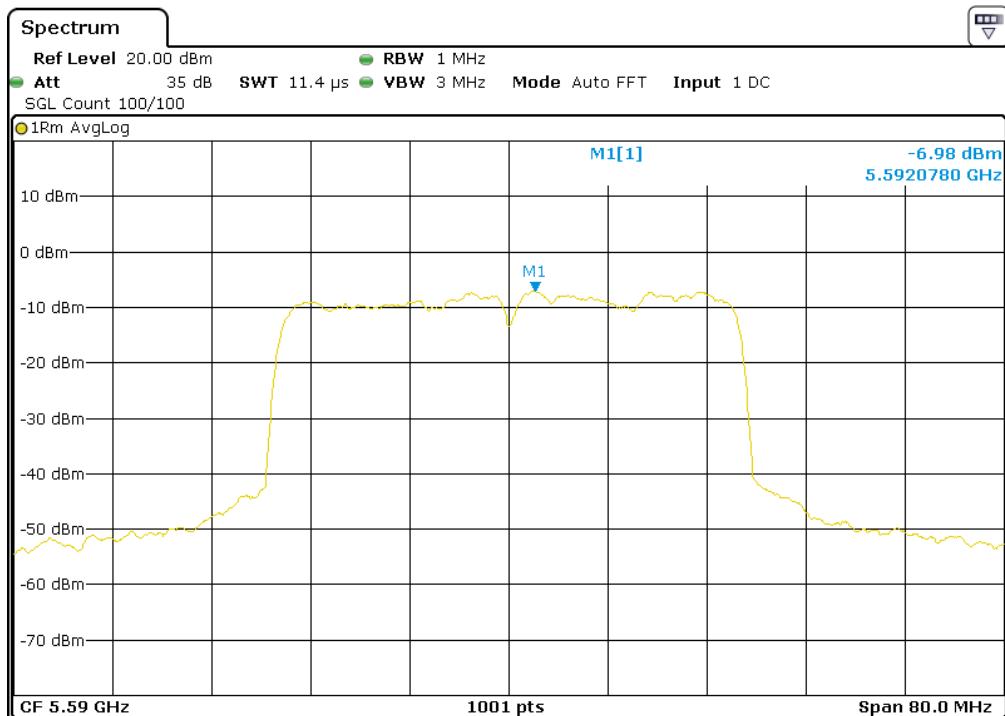
Channel 102



802.11 ac(VHT40)

Antenna B

Channel 118



802.11 ac(VHT40)

Antenna B

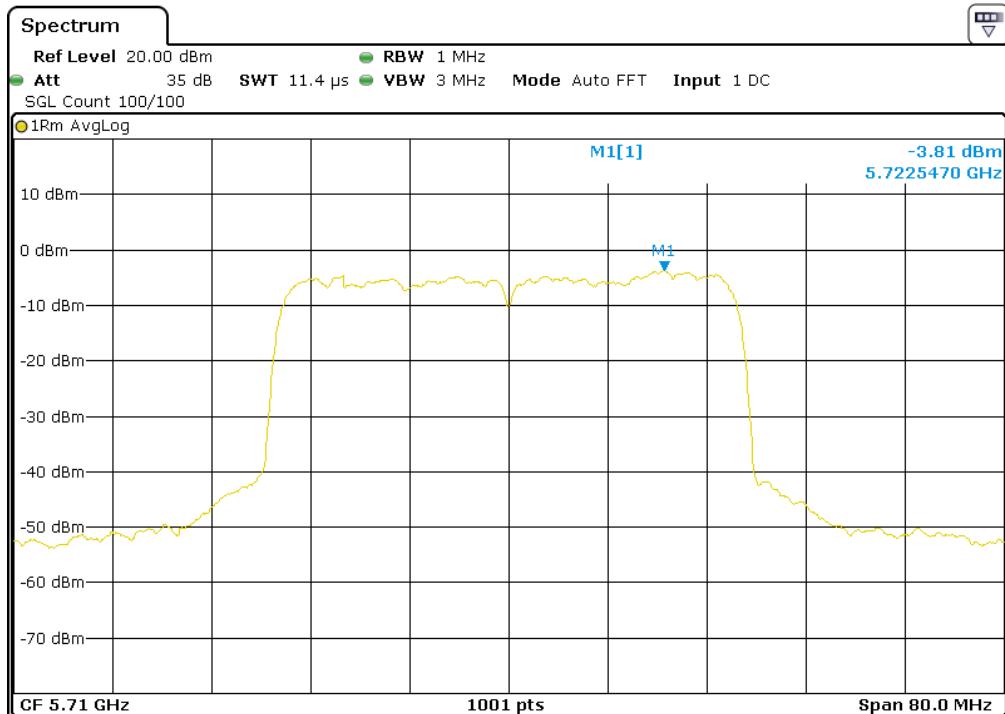
Channel 134



802.11 ac(VHT40)

Antenna B

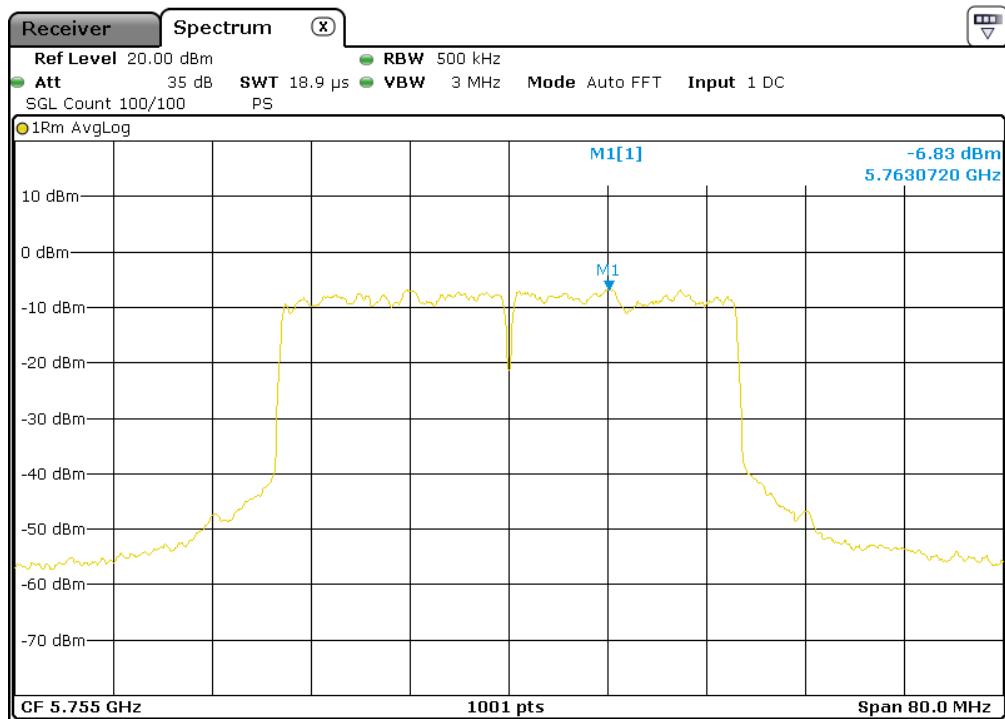
Channel 142



802.11 ac(VHT40)

Antenna B

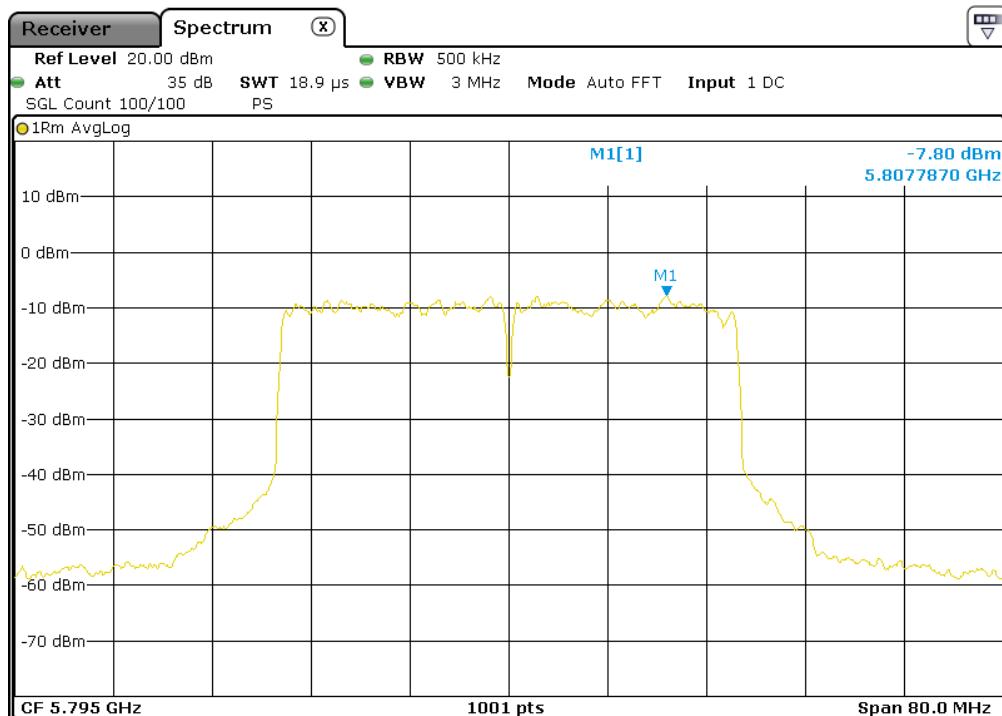
Channel 151



802.11 ac(VHT40)

Antenna B

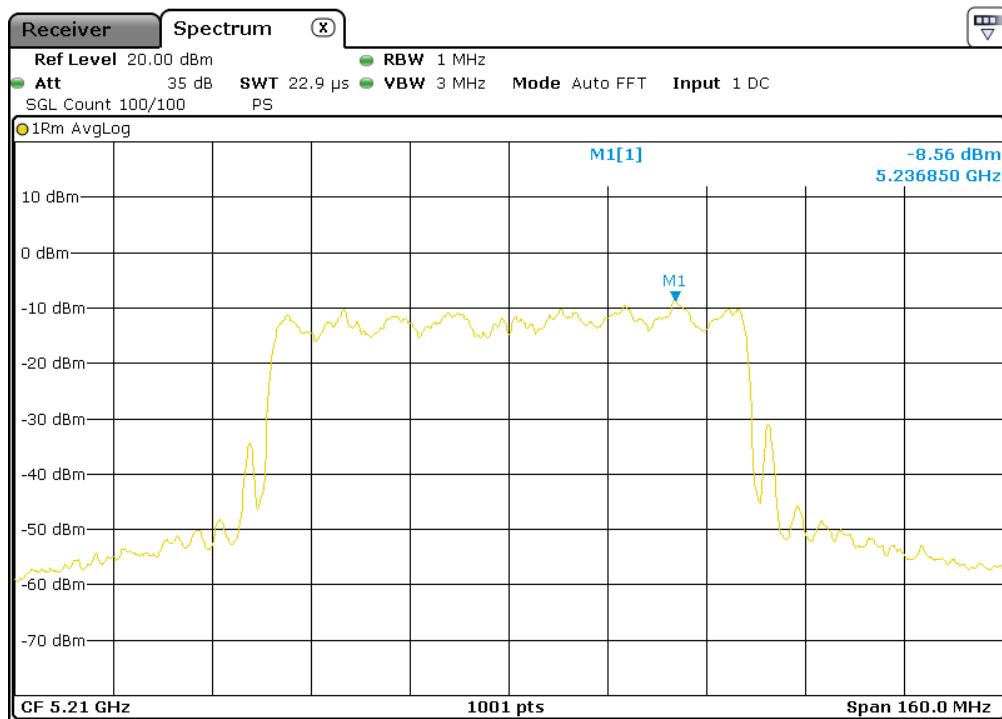
Channel 159



802.11 ac(VHT80)

Antenna B

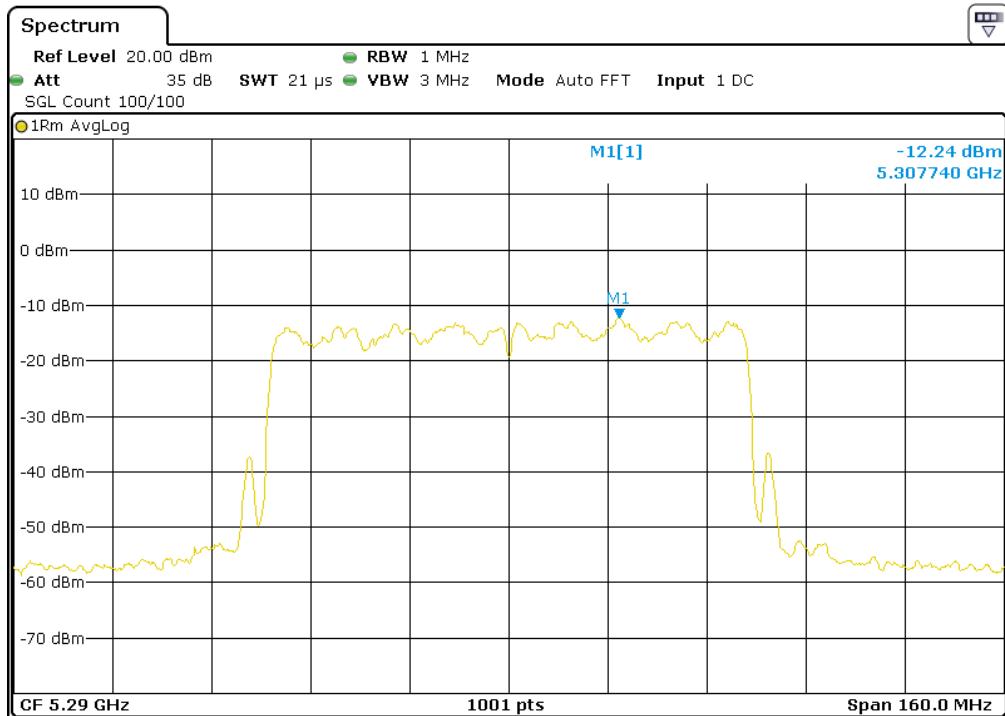
Channel 42



802.11 ac(VHT80)

Antenna B

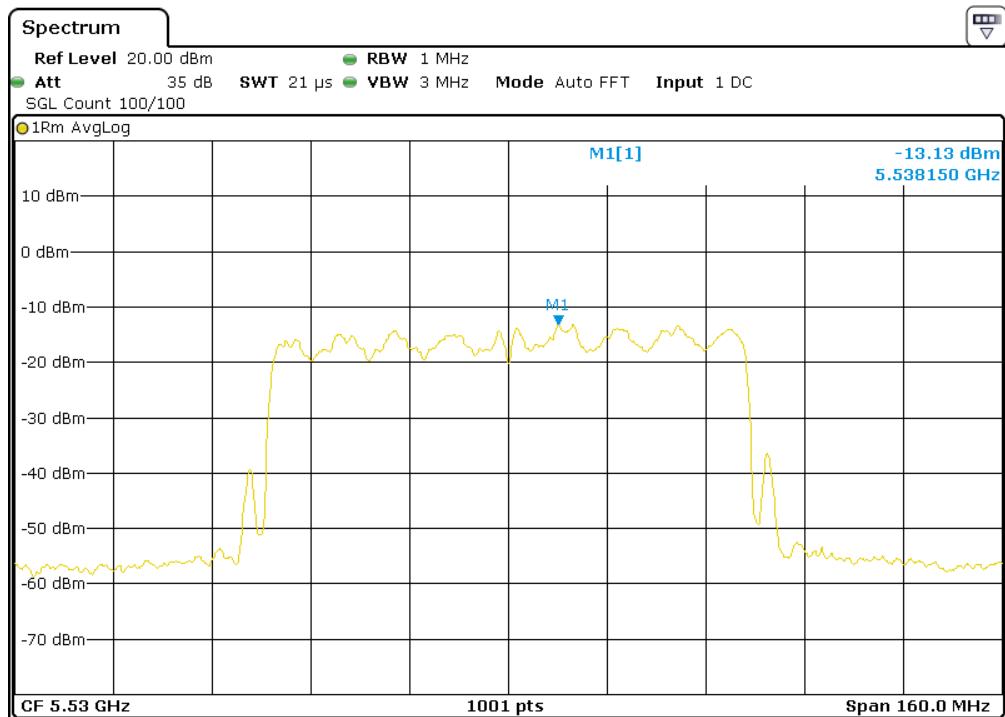
Channel 58



802.11 ac(VHT80)

Antenna B

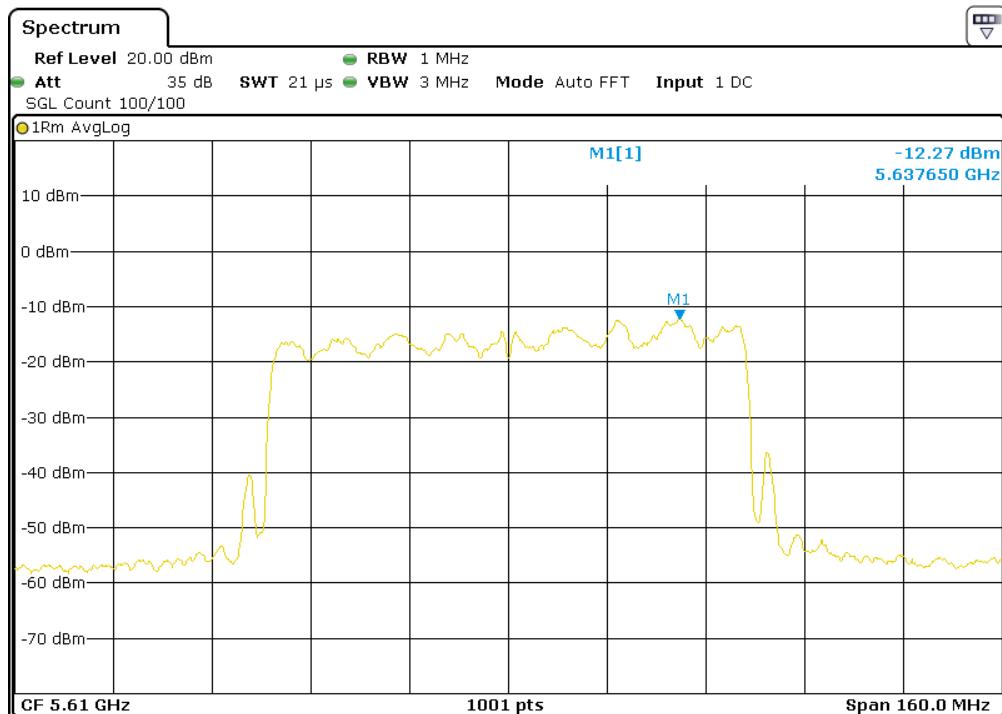
Channel 106



802.11 ac(VHT80)

Antenna B

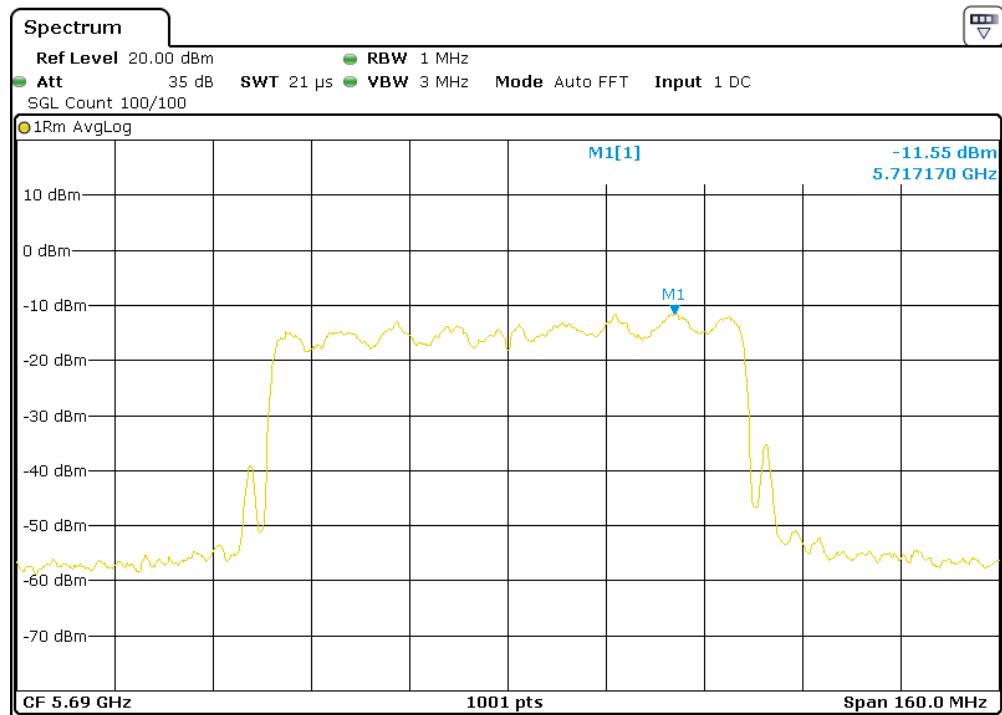
Channel 122

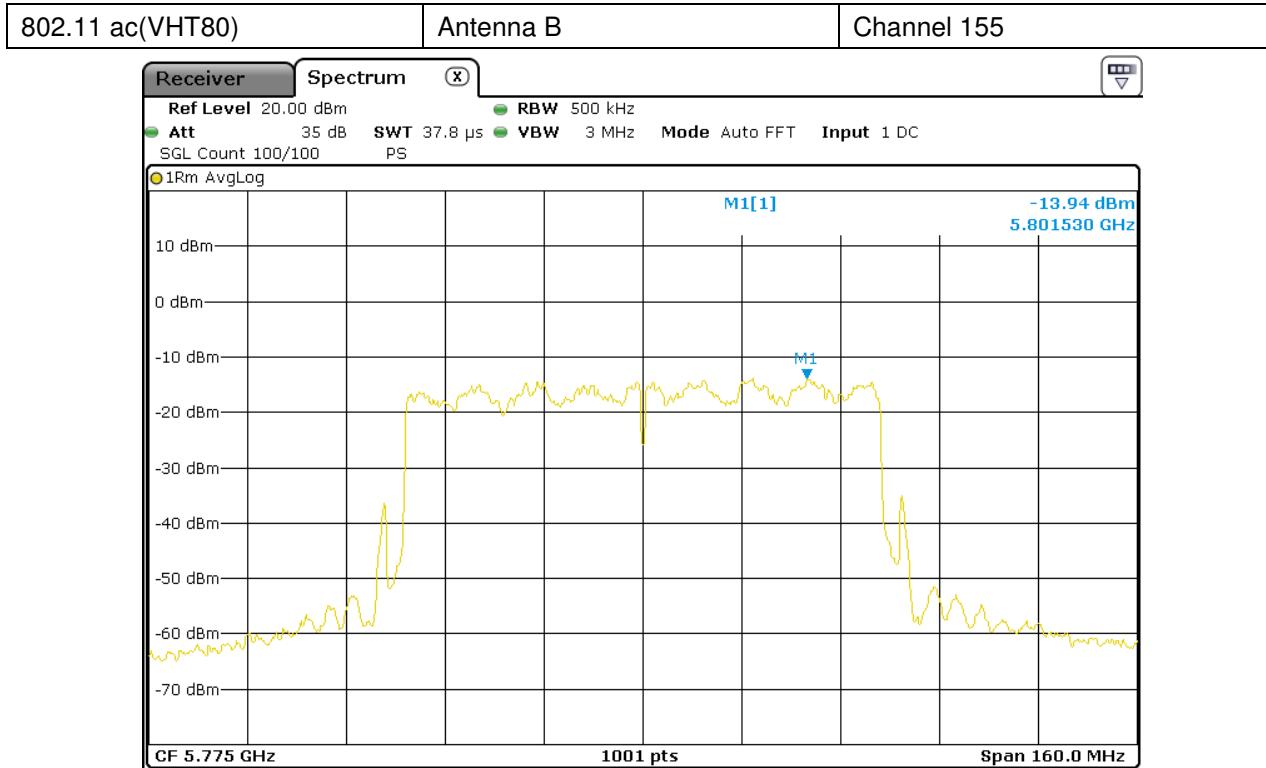


802.11 ac(VHT80)

Antenna B

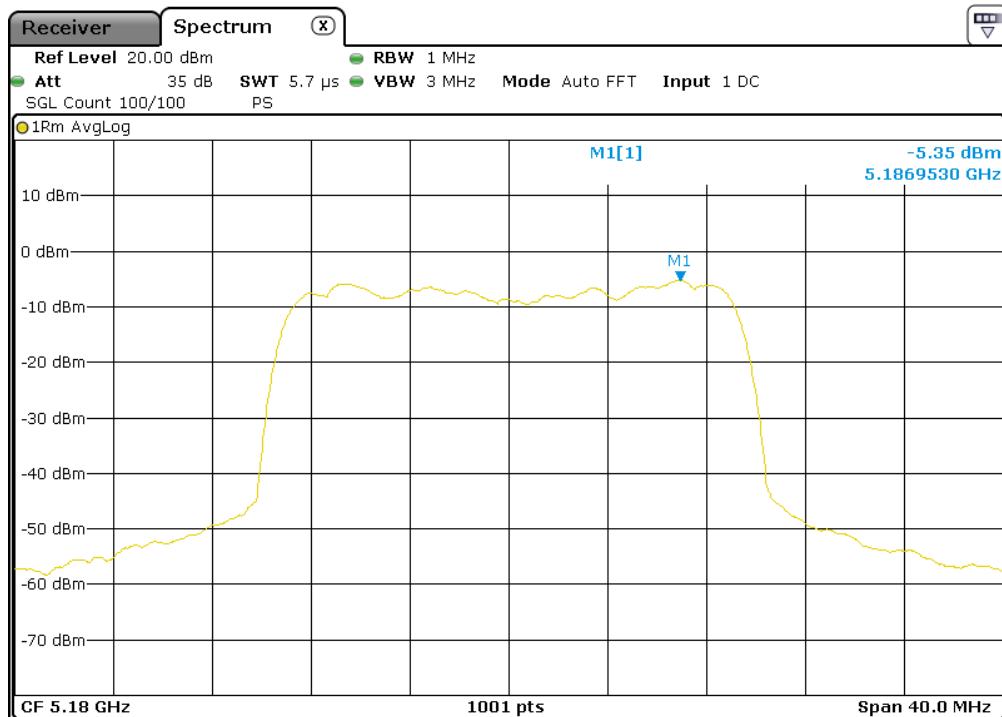
Channel 138



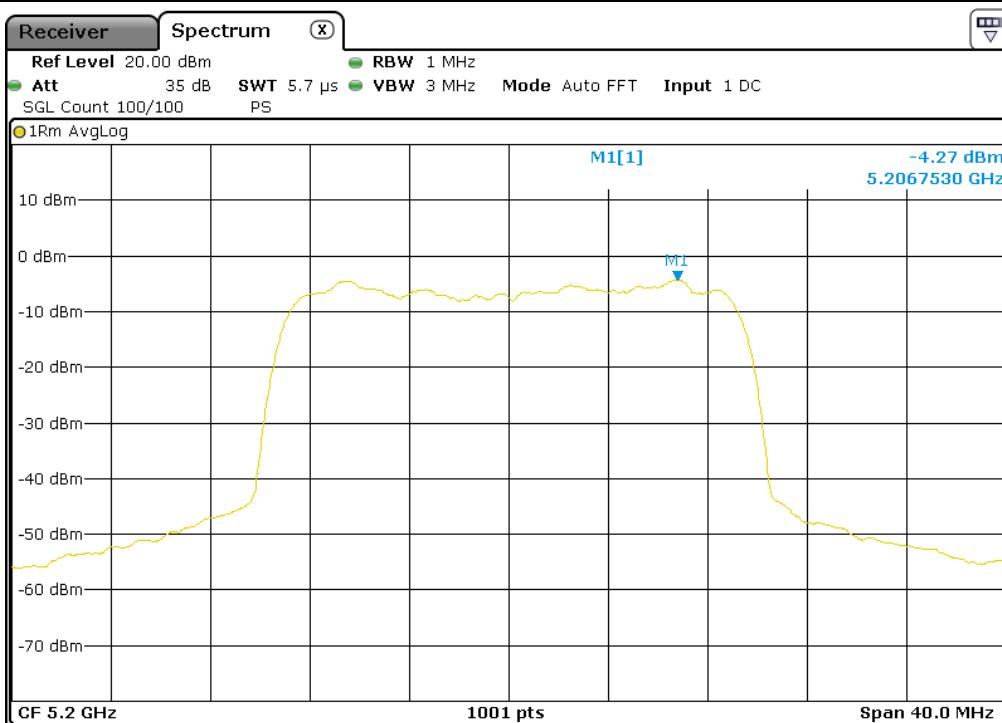


b. Spatial Diversity Multiplexing-MIMO function mode test plot as follows:

802.11 n(HT20)	Antenna A	Channel 36
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802.11 n(HT20)	Antenna A	Channel 40
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802.11 n(HT20)

Antenna A

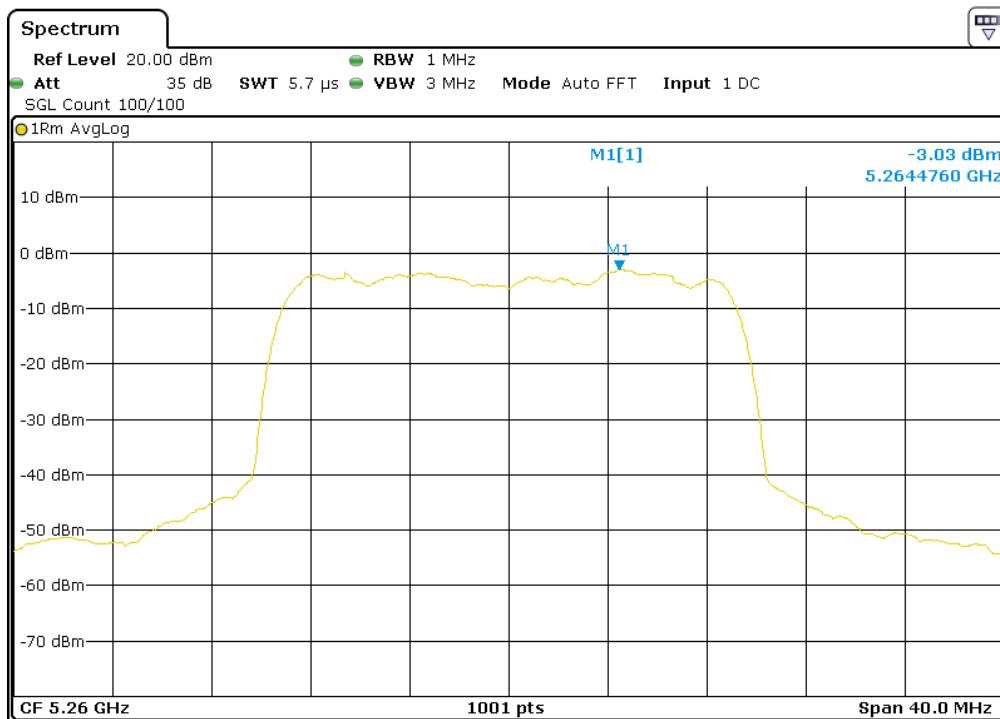
Channel 48



802.11 n(HT20)

Antenna A

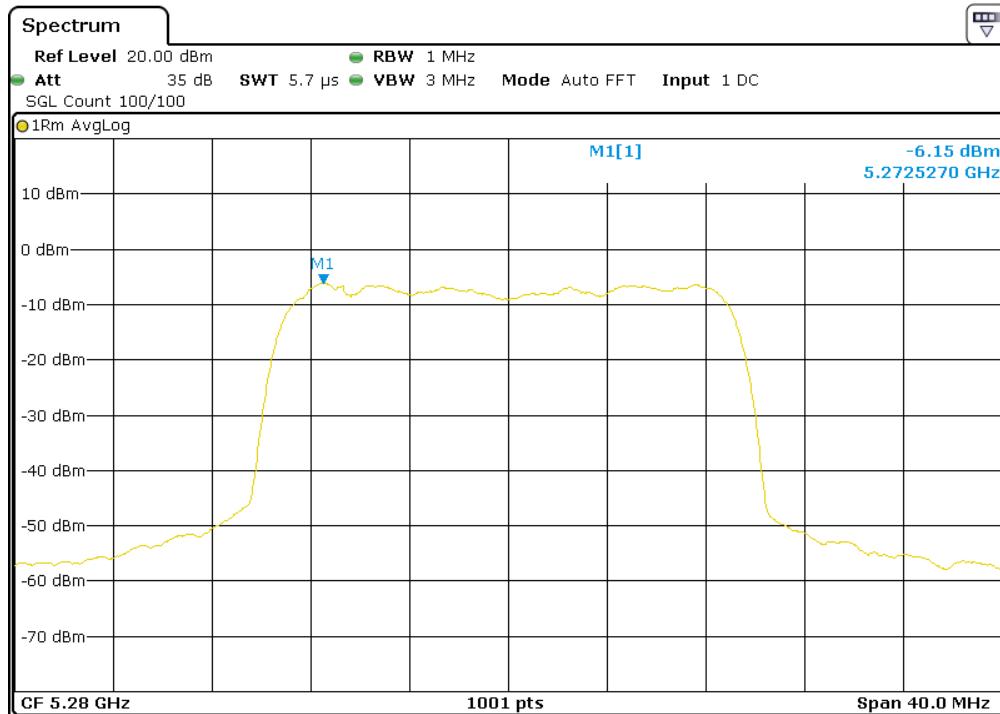
Channel 52



802.11 n(HT20)

Antenna A

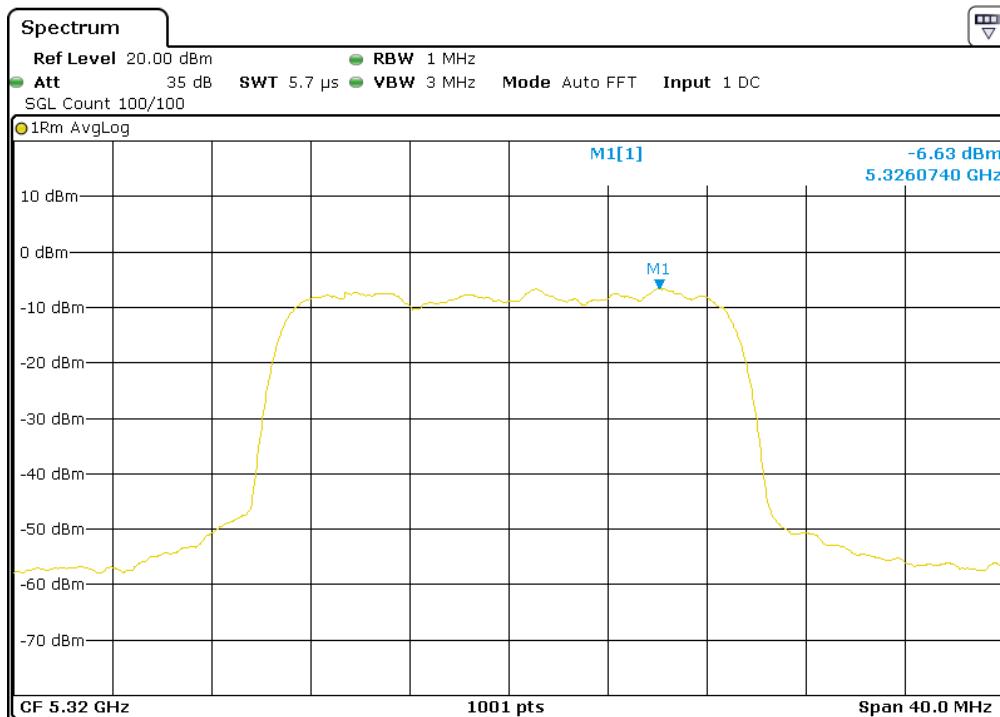
Channel 56



802.11 n(HT20)

Antenna A

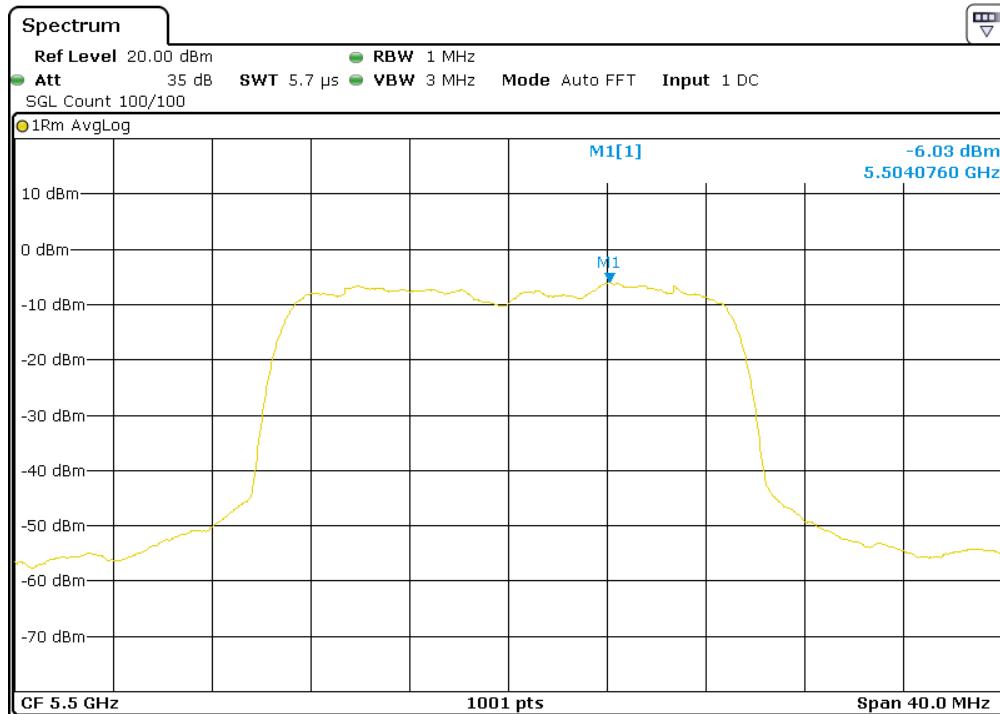
Channel 64



802.11 n(HT20)

Antenna A

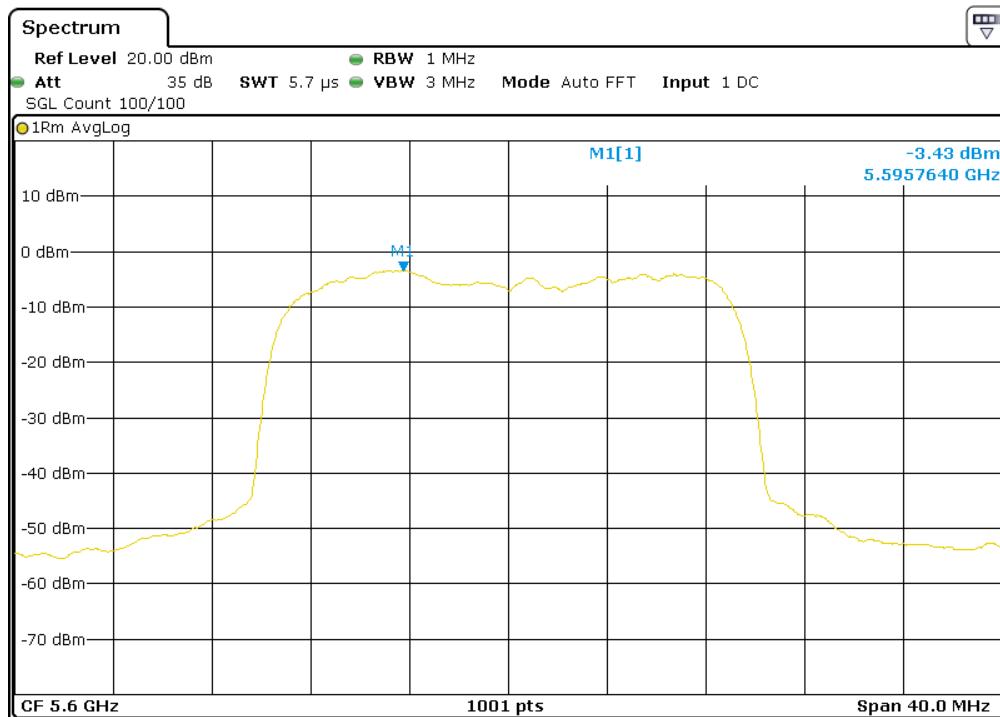
Channel 100



802.11 n(HT20)

Antenna A

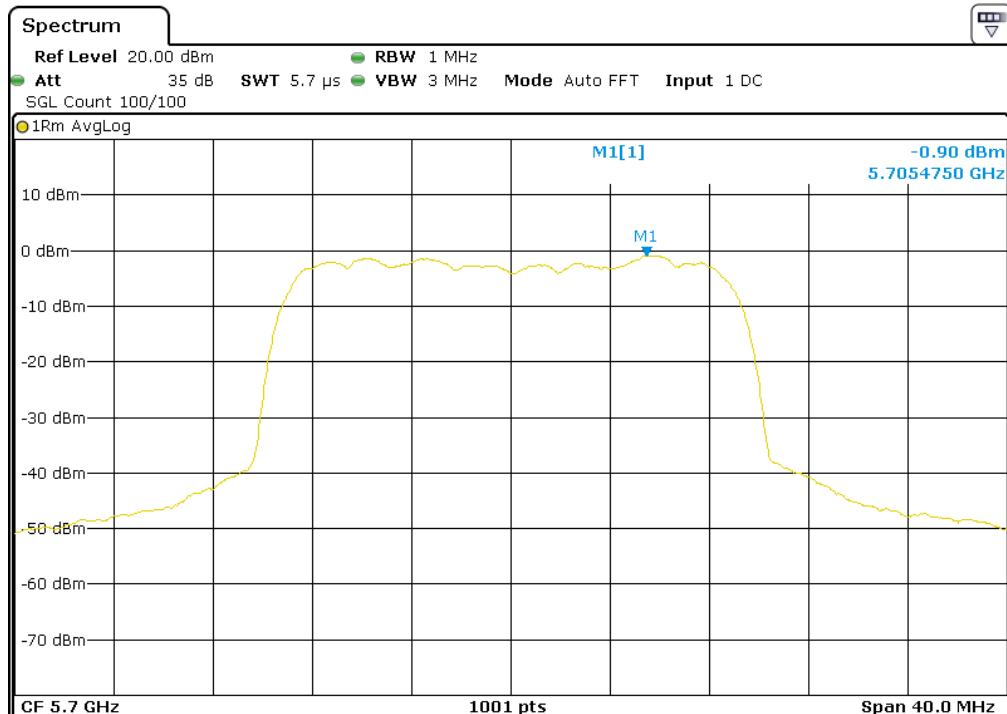
Channel 120



802.11 n(HT20)

Antenna A

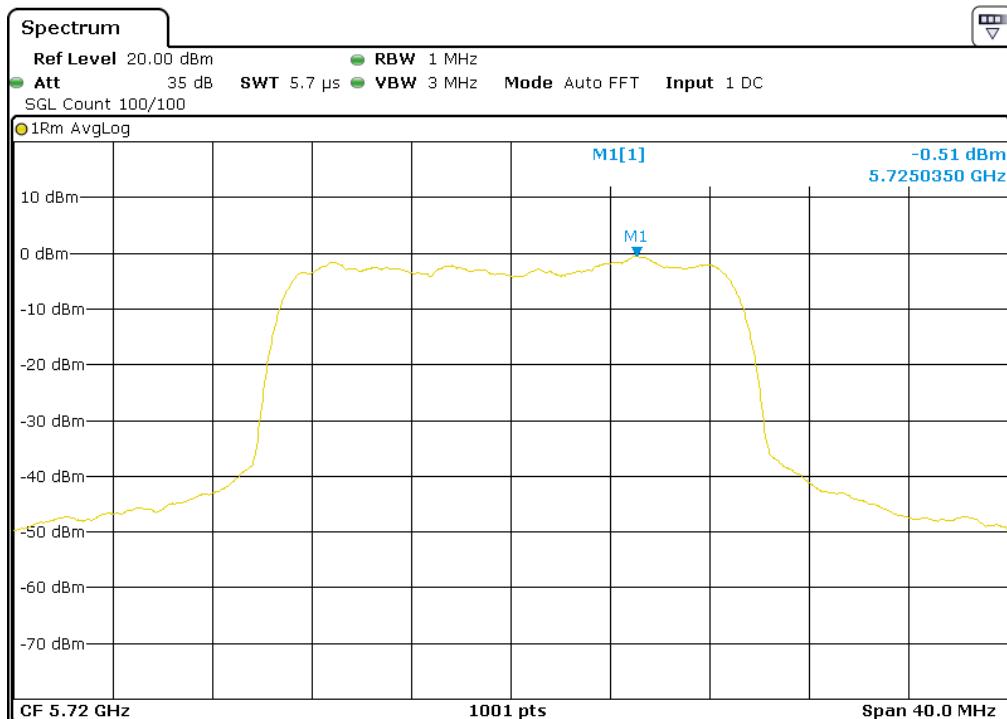
Channel 140



802.11 n(HT20)

Antenna A

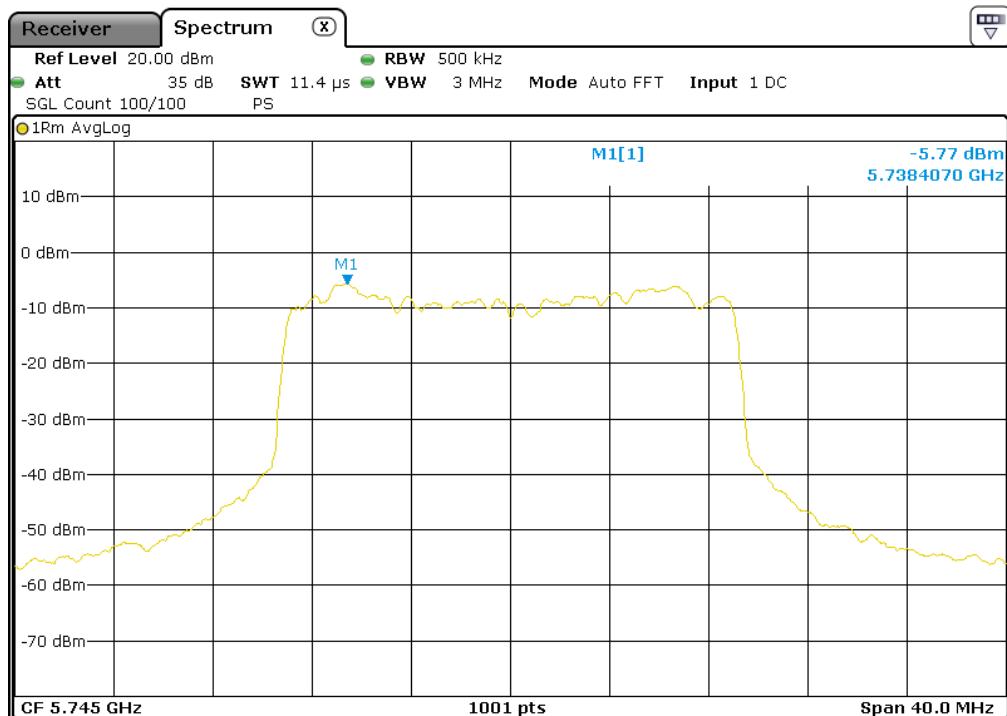
Channel 144



802.11 n(HT20)

Antenna A

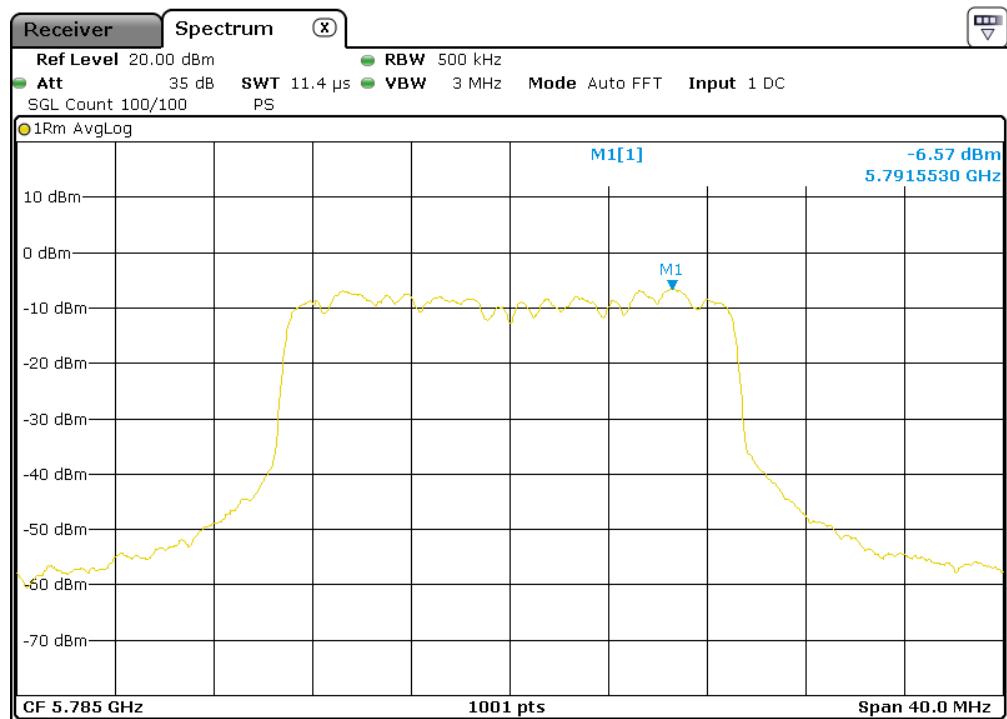
Channel 149



802.11 n(HT20)

Antenna A

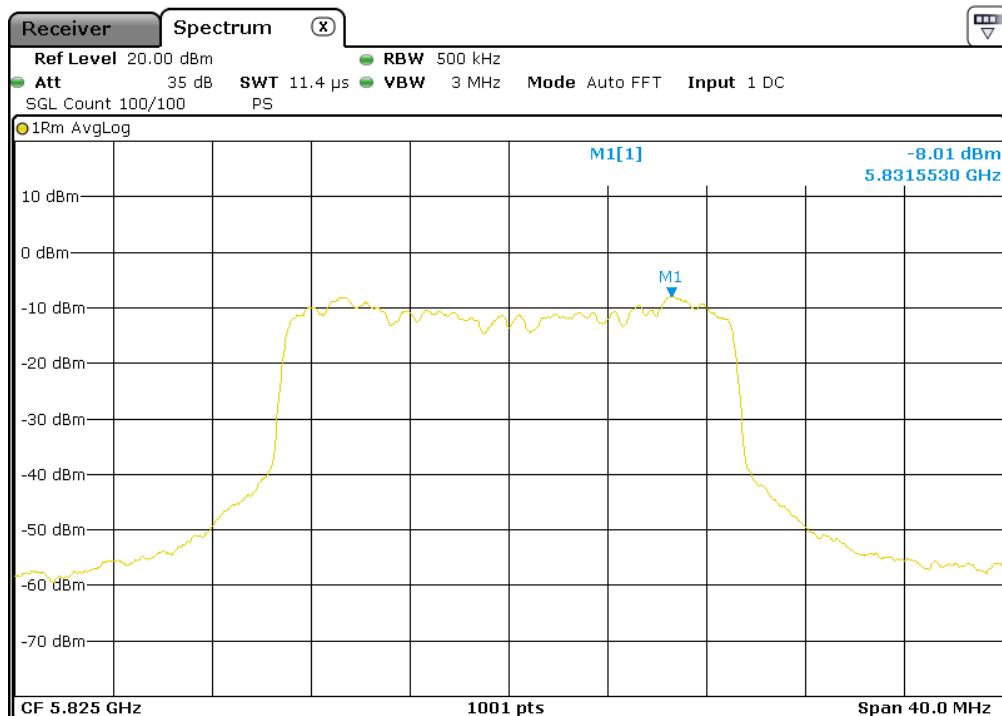
Channel 157



802.11 n(HT20)

Antenna A

Channel 165



802.11 n(HT40)

Antenna A

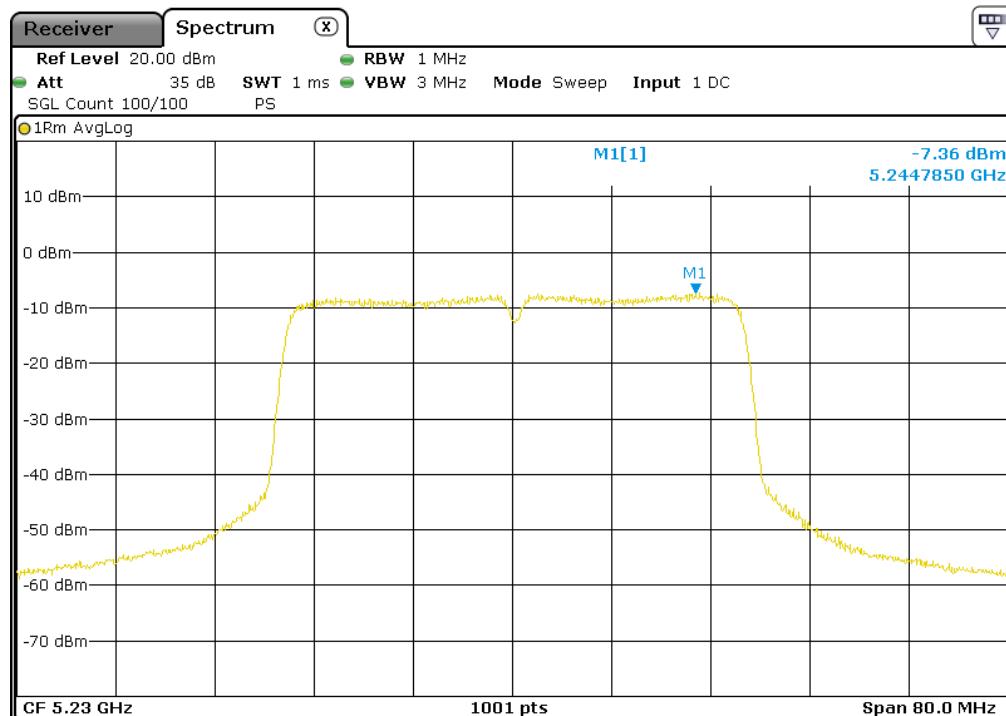
Channel 38



802.11 n(HT40)

Antenna A

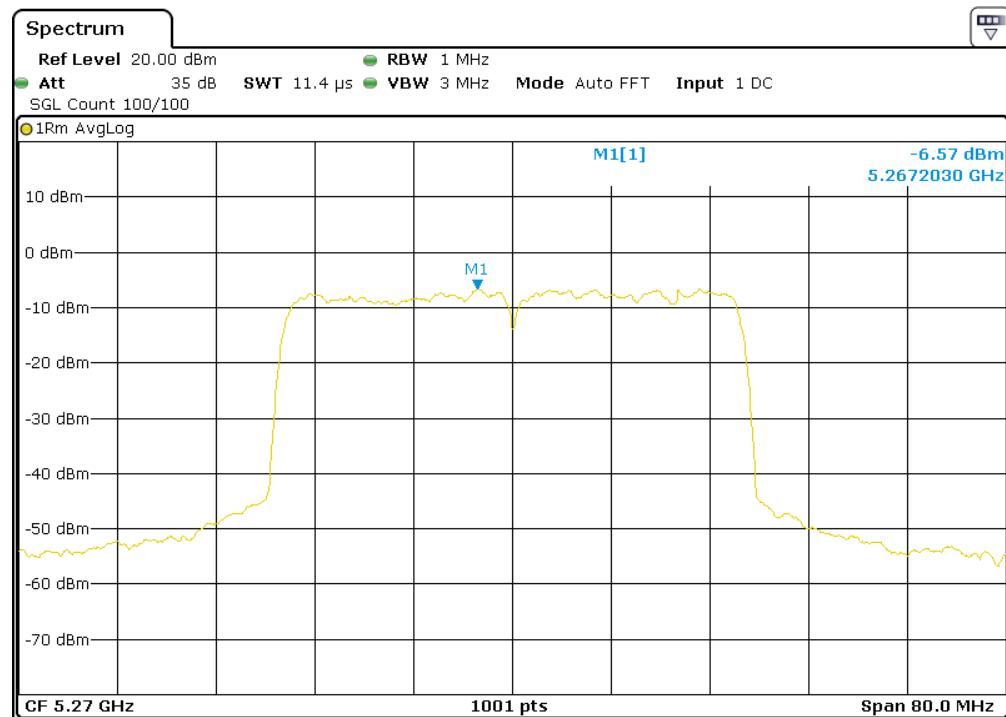
Channel 46



802.11 n(HT40)

Antenna A

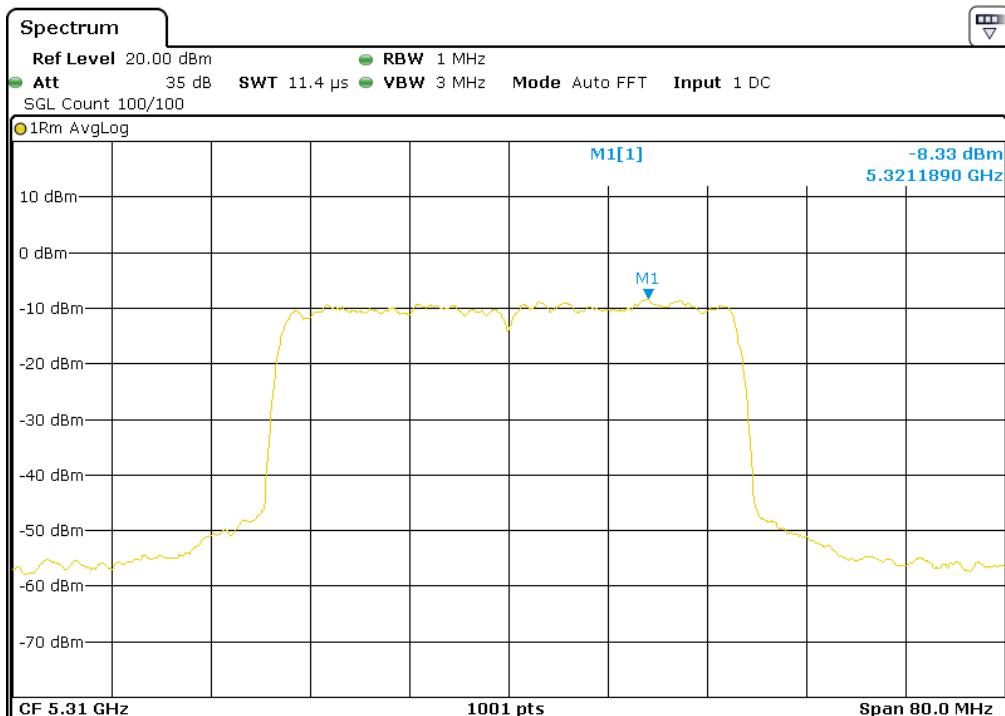
Channel 54



802.11 n(HT40)

Antenna A

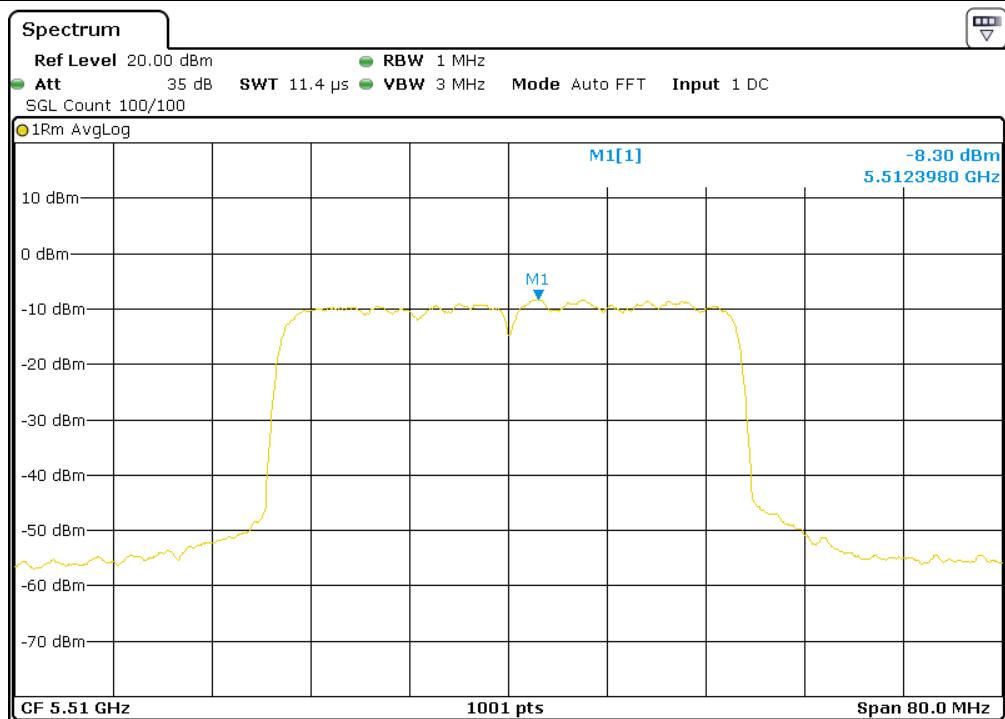
Channel 62



802.11 n(HT40)

Antenna A

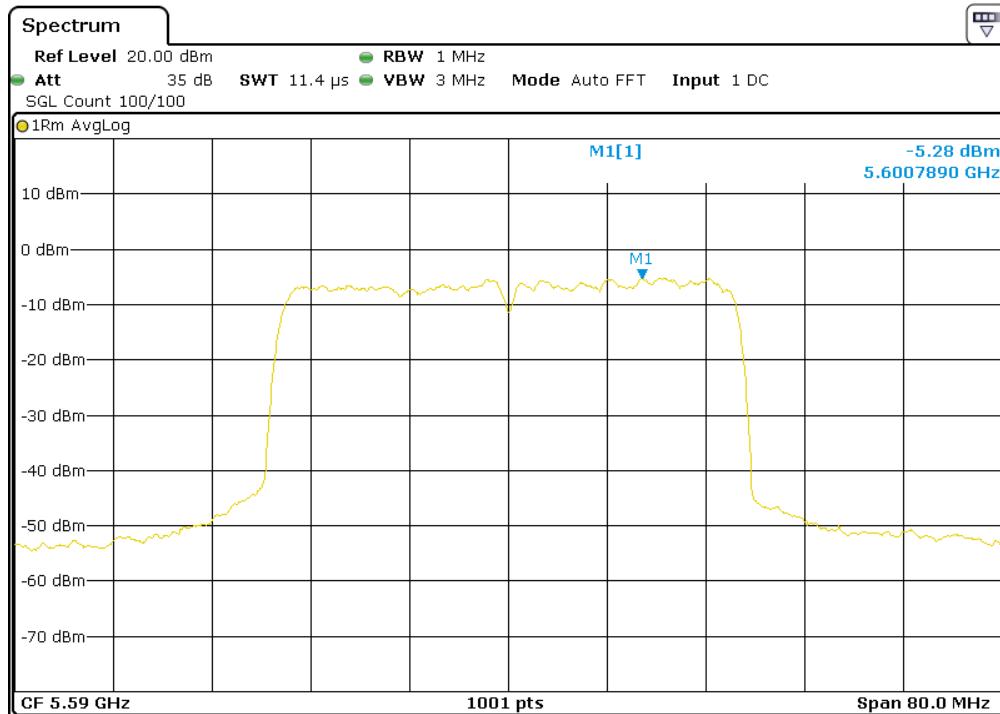
Channel 102



802.11 n(HT40)

Antenna A

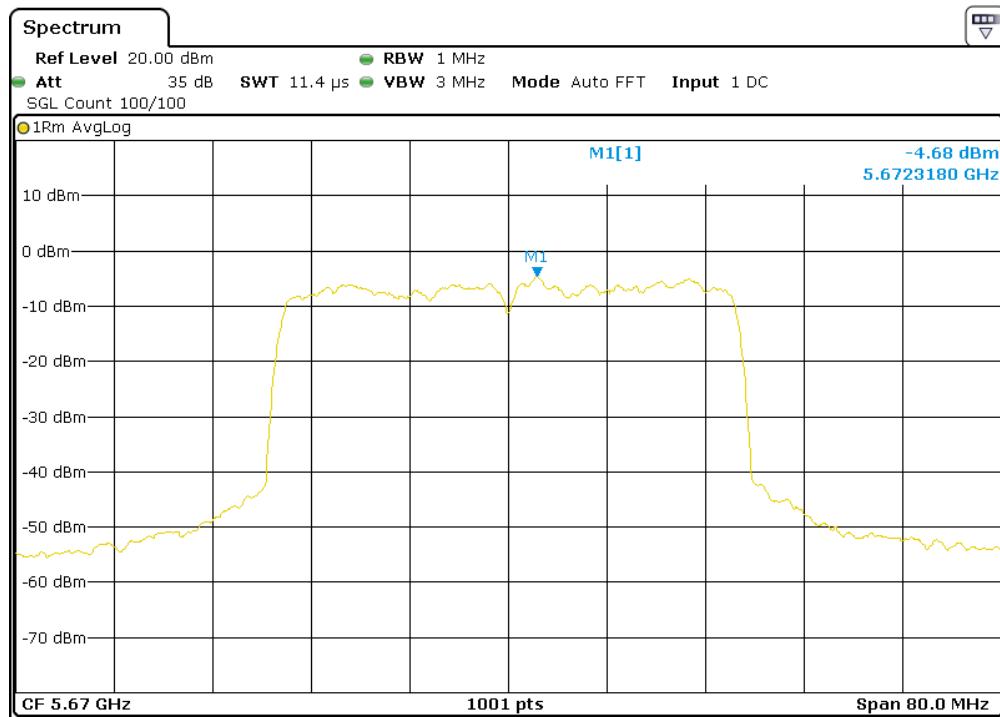
Channel 118



802.11 n(HT40)

Antenna A

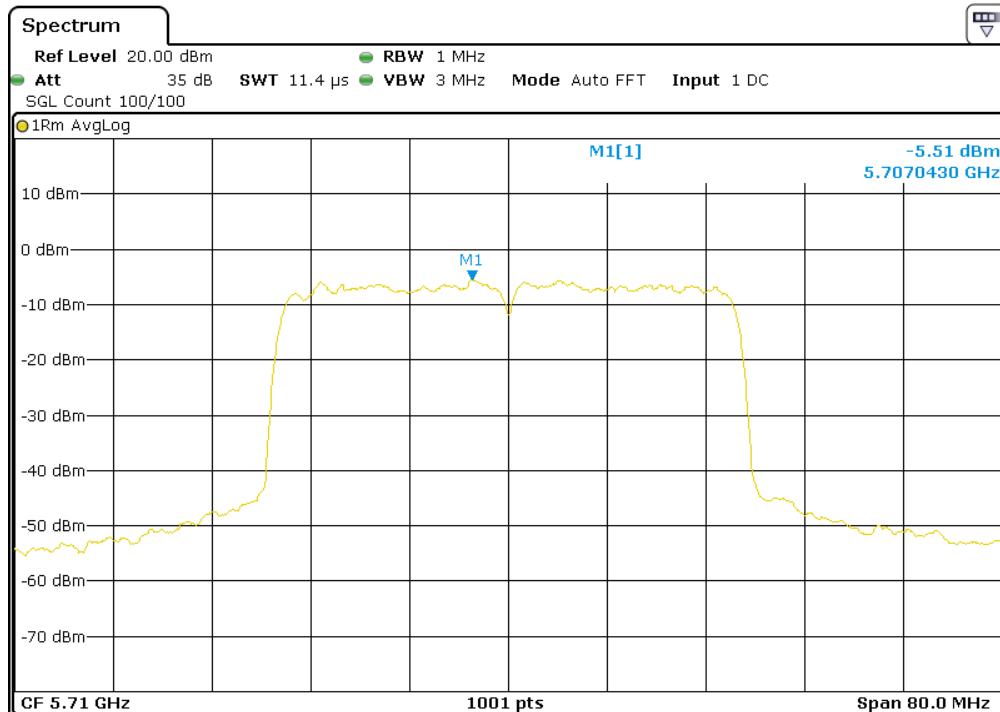
Channel 134



802.11 n(HT40)

Antenna A

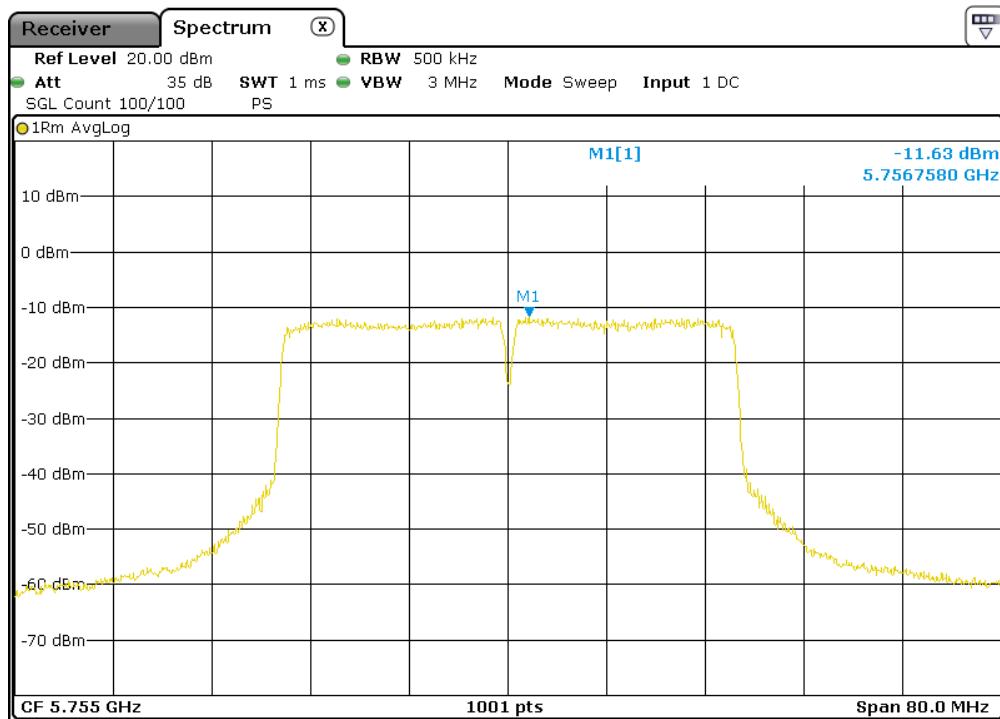
Channel 142

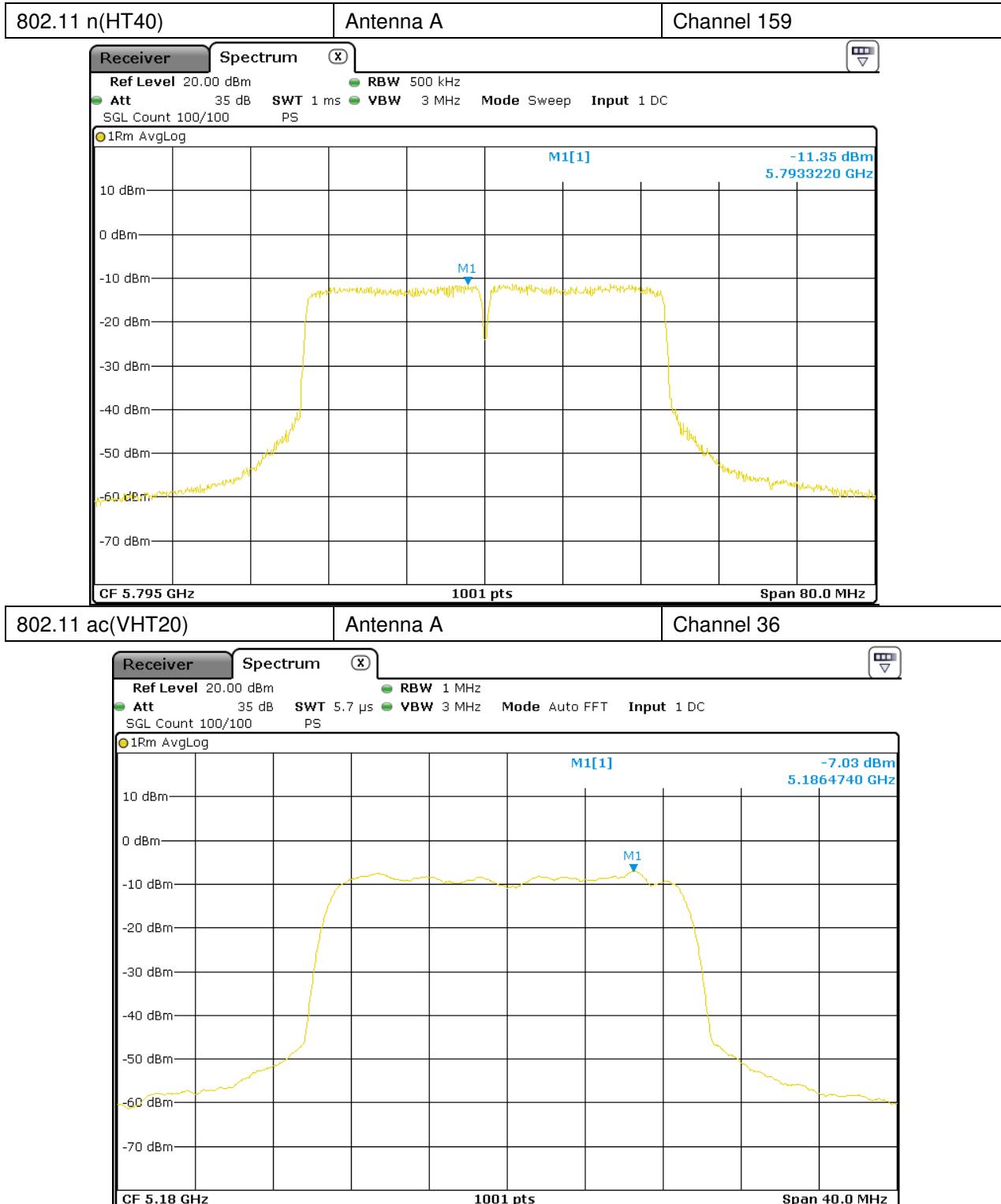


802.11 n(HT40)

Antenna A

Channel 151

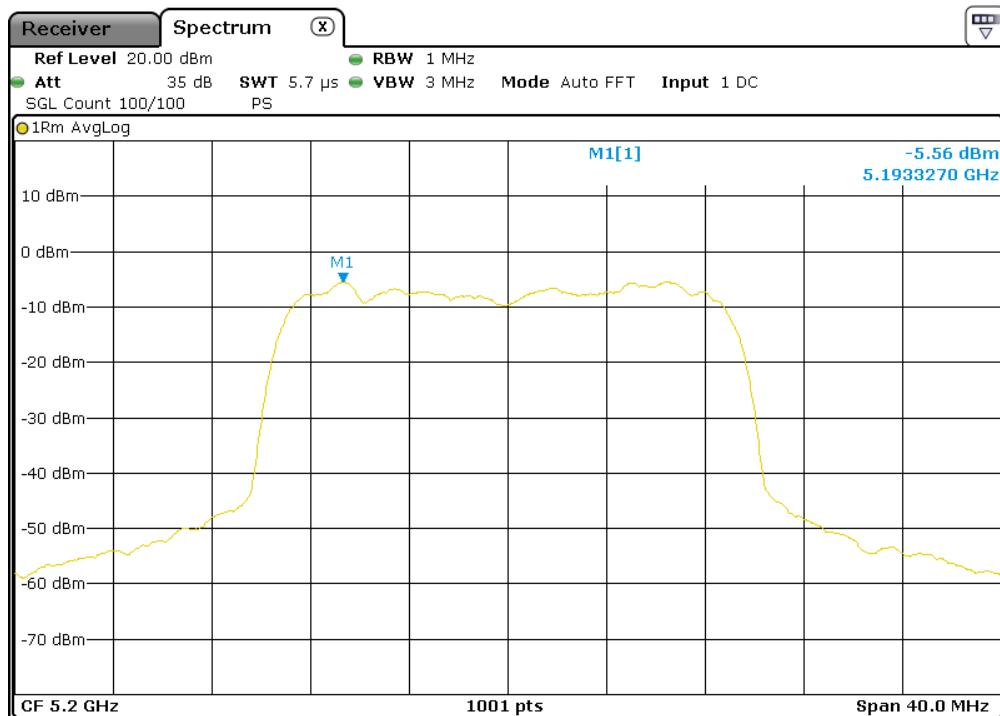




802.11 ac(VHT20)

Antenna A

Channel 40



802.11 ac(VHT20)

Antenna A

Channel 48



802.11 ac(VHT20)

Antenna A

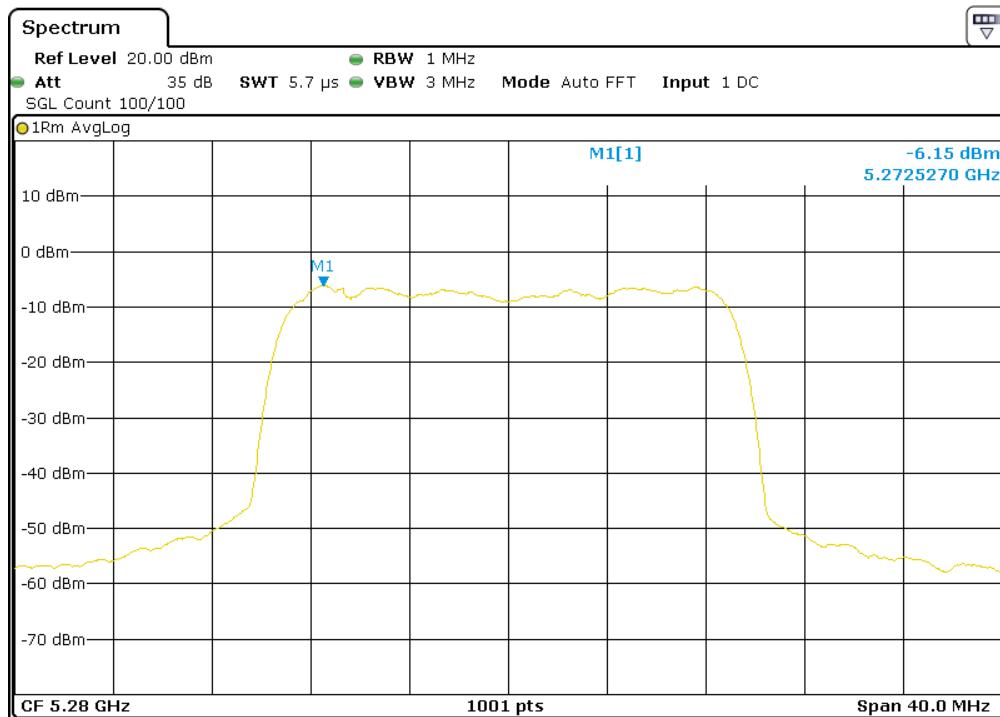
Channel 52



802.11 ac(VHT20)

Antenna A

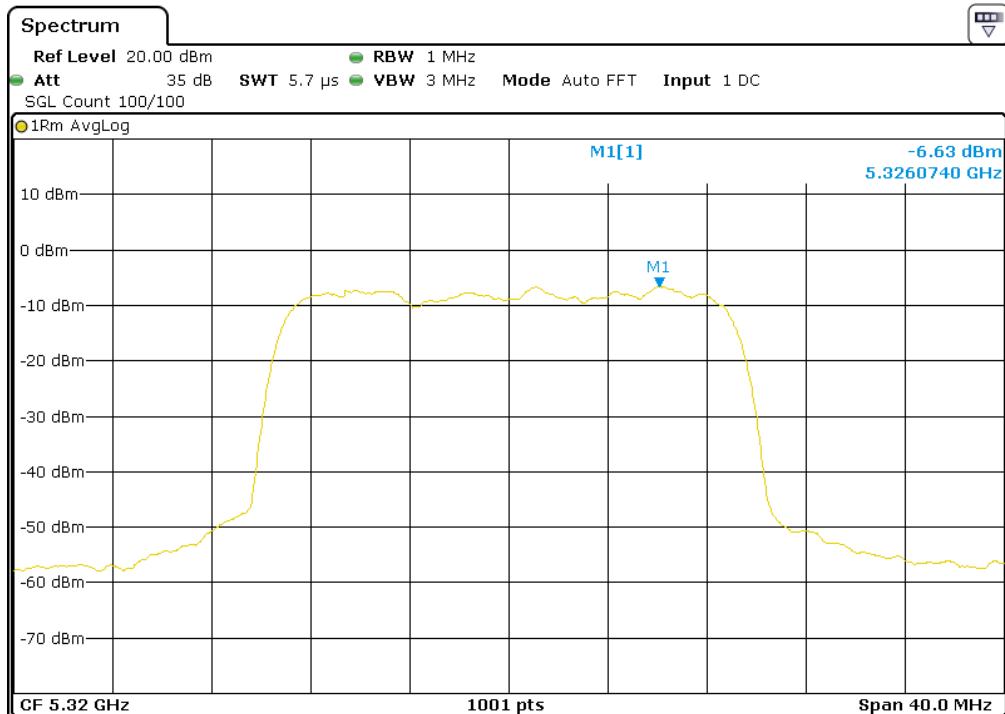
Channel 56



802.11 ac(VHT20)

Antenna A

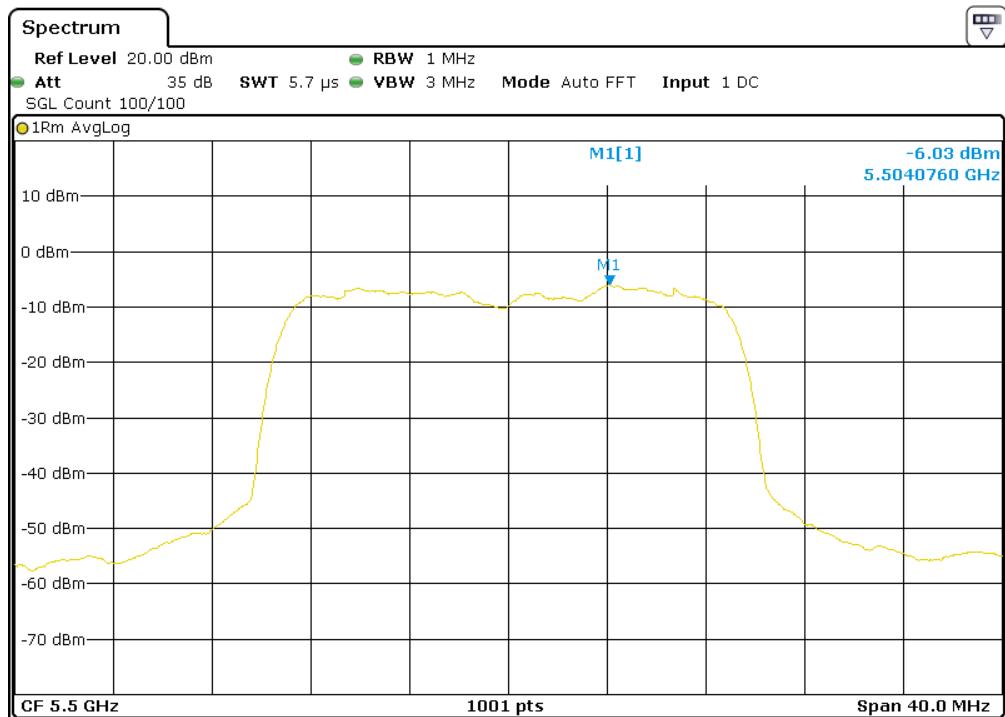
Channel 64



802.11 ac(VHT20)

Antenna A

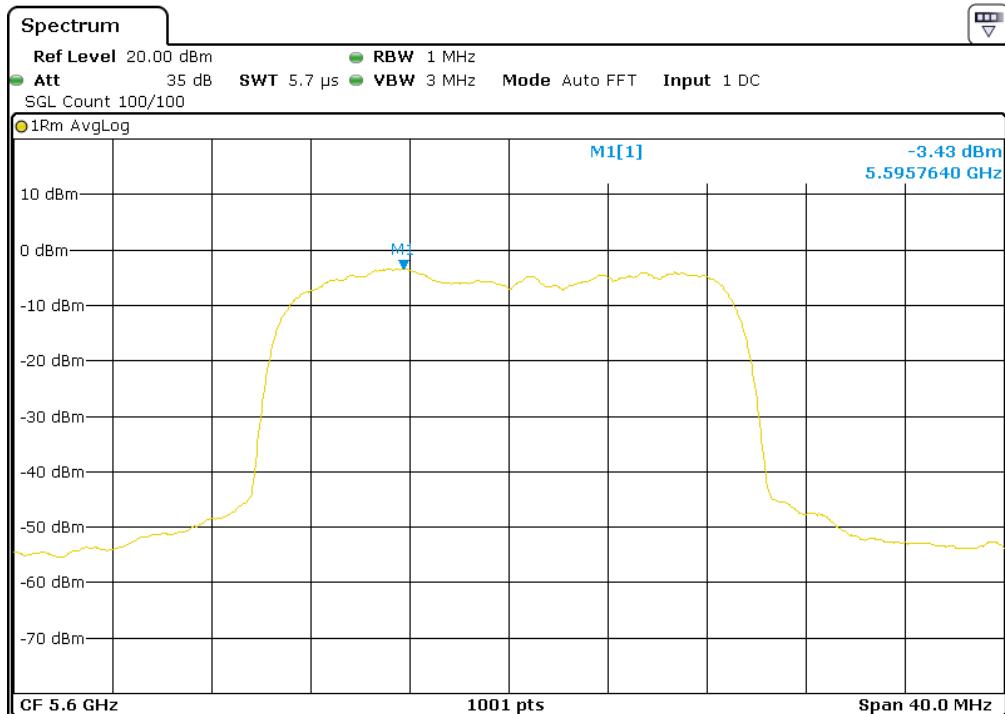
Channel 100



802.11 ac(VHT20)

Antenna A

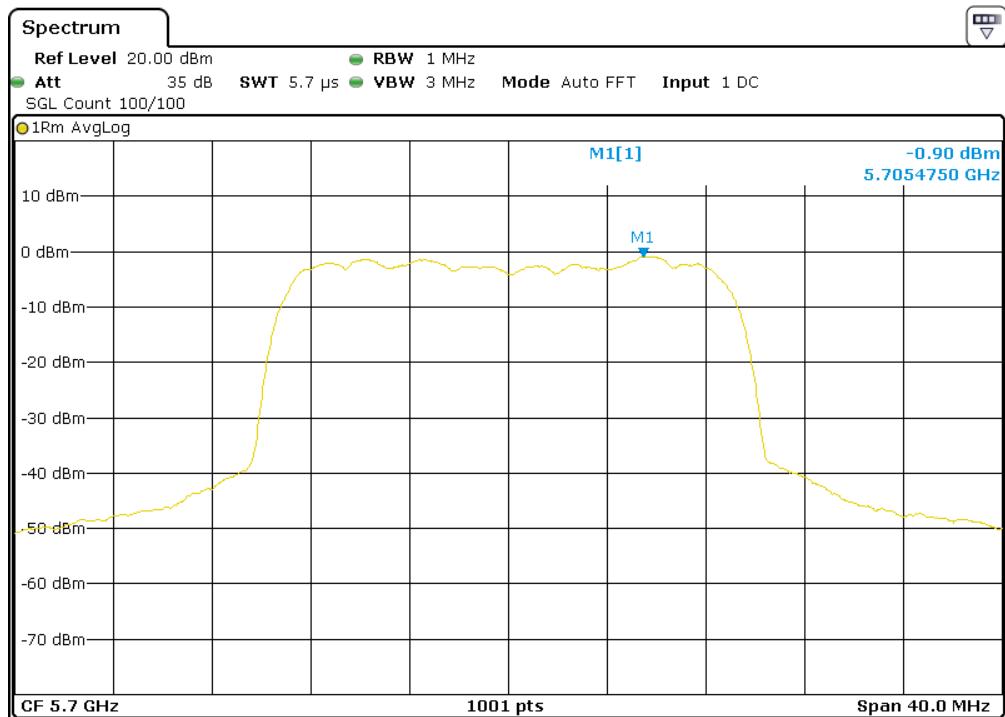
Channel 120



802.11 ac(VHT20)

Antenna A

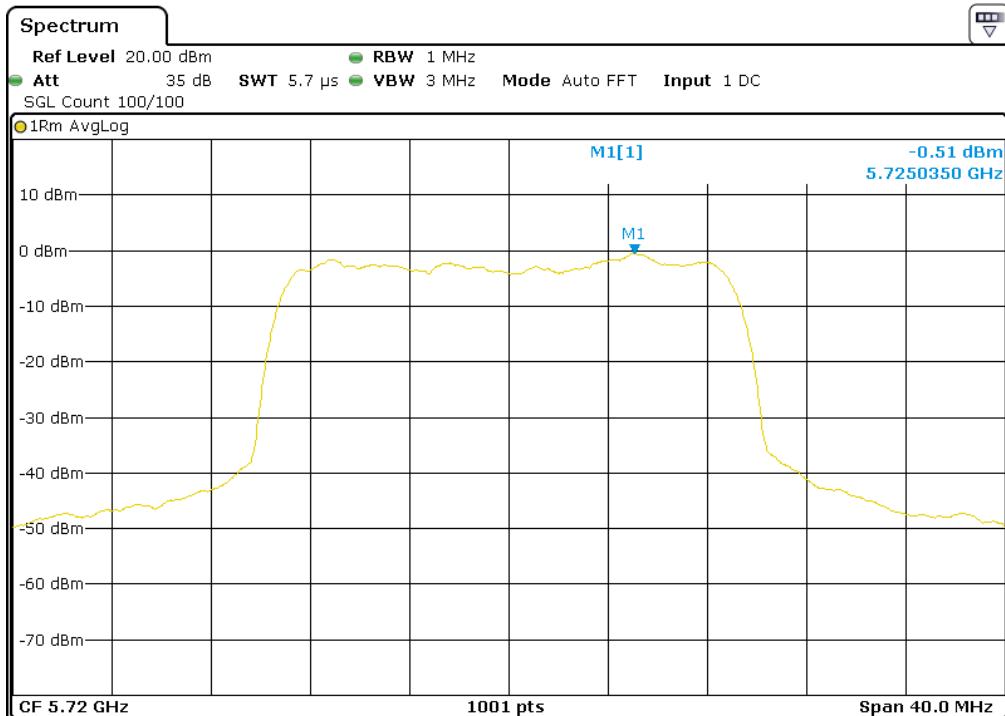
Channel 140



802.11 ac(VHT20)

Antenna A

Channel 144



802.11 ac(VHT20)

Antenna A

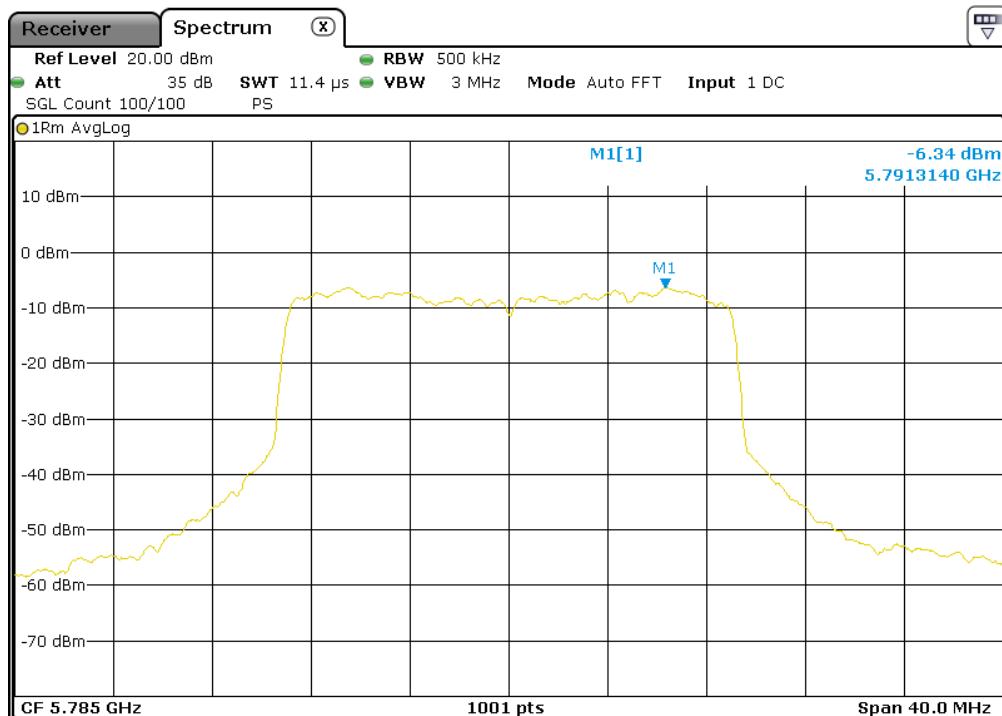
Channel 149



802.11 ac(VHT20)

Antenna A

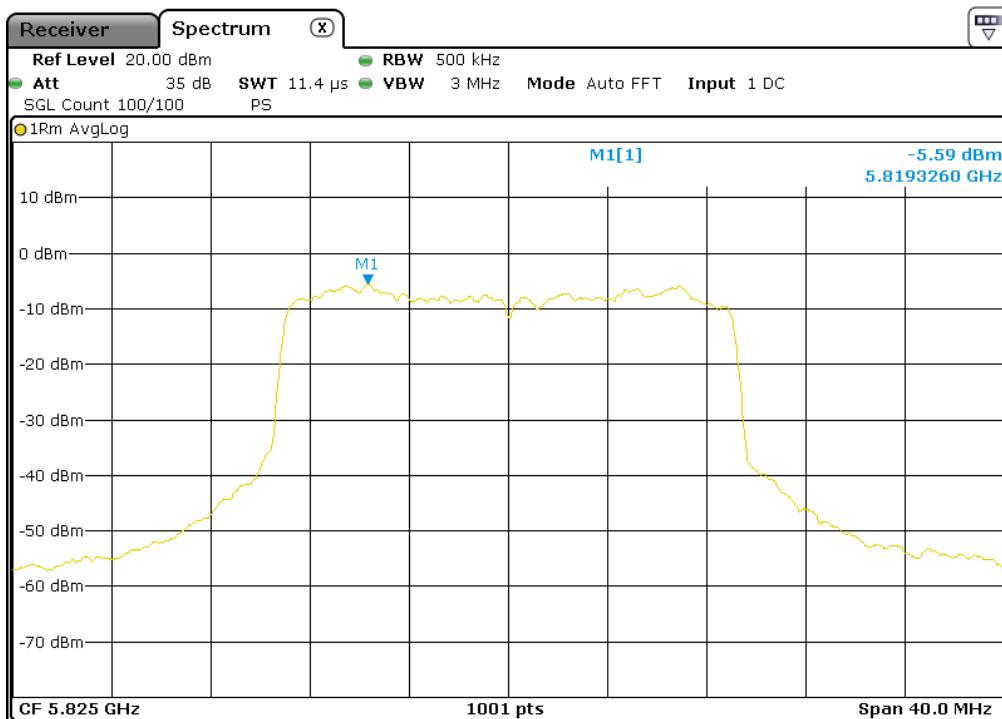
Channel 157



802.11 ac(VHT20)

Antenna A

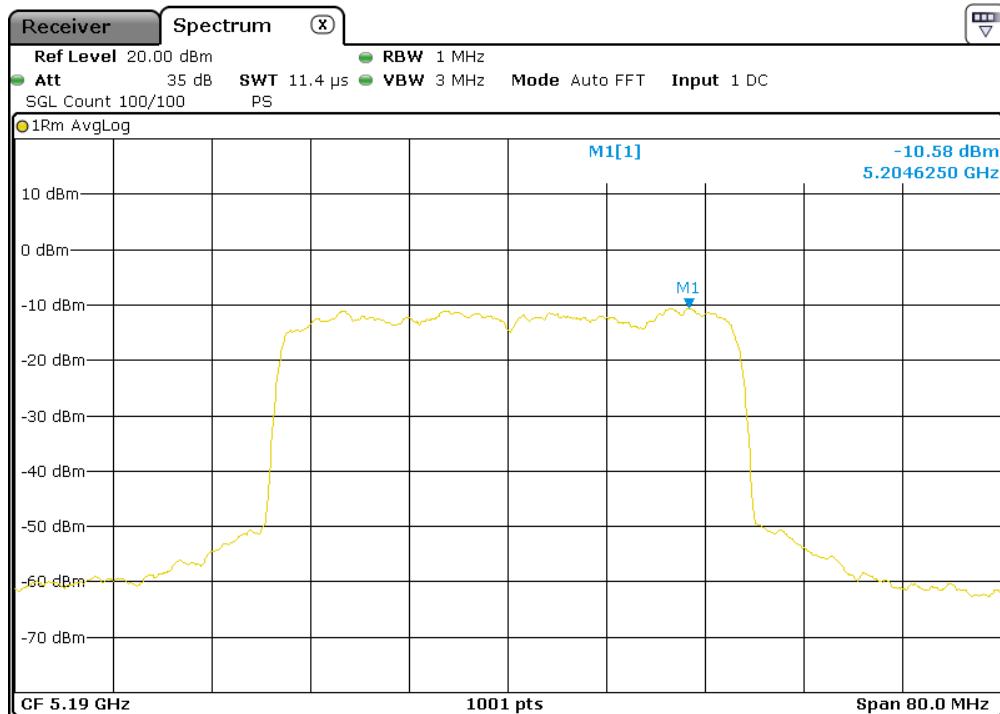
Channel 165



802.11 ac(VHT40)

Antenna A

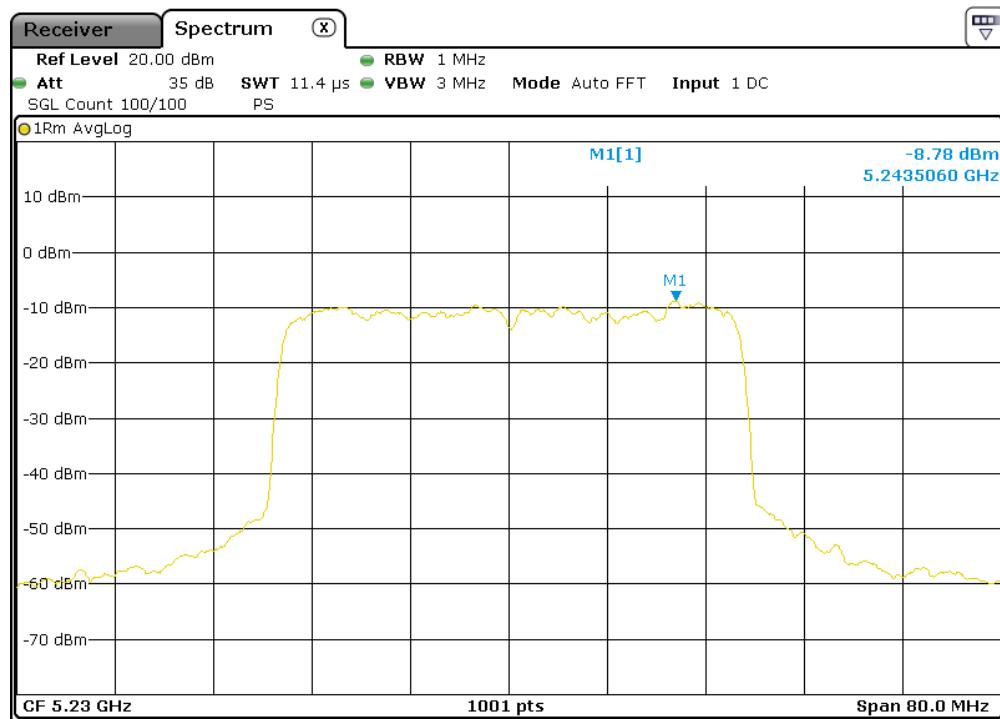
Channel 38



802.11 ac(VHT40)

Antenna A

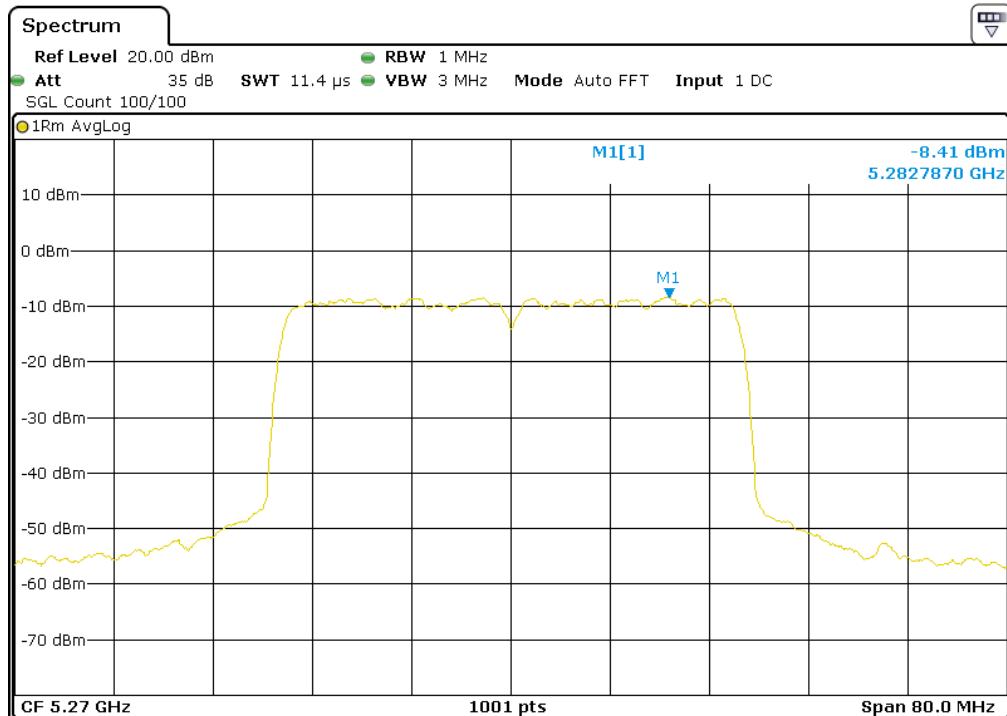
Channel 46



802.11 ac(VHT40)

Antenna A

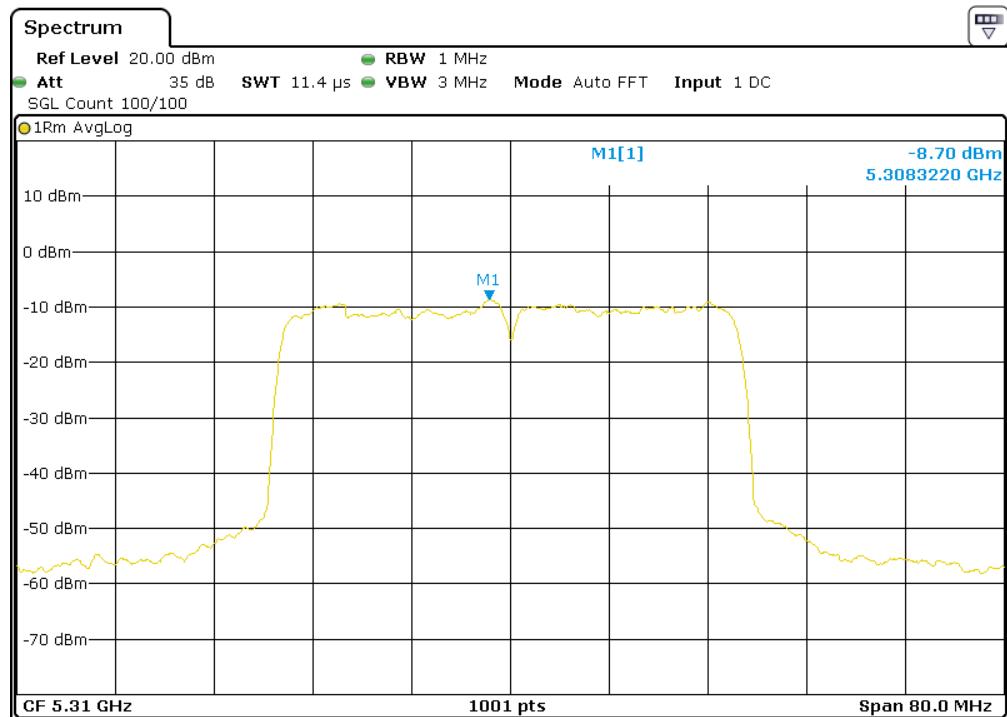
Channel 54



802.11 ac(VHT40)

Antenna A

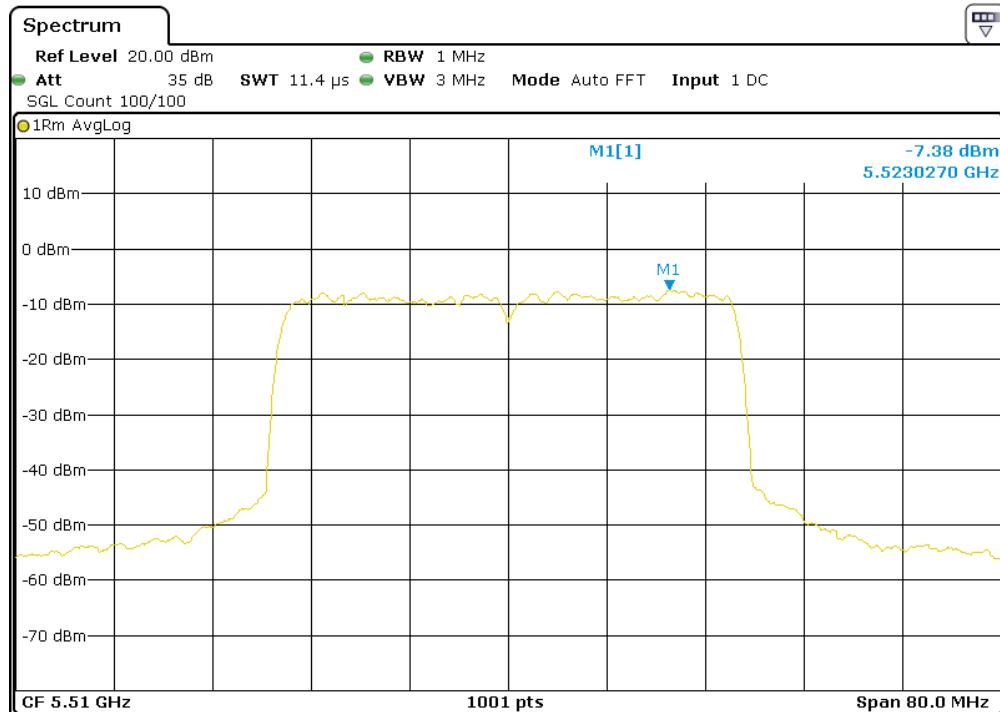
Channel 62



802.11 ac(VHT40)

Antenna A

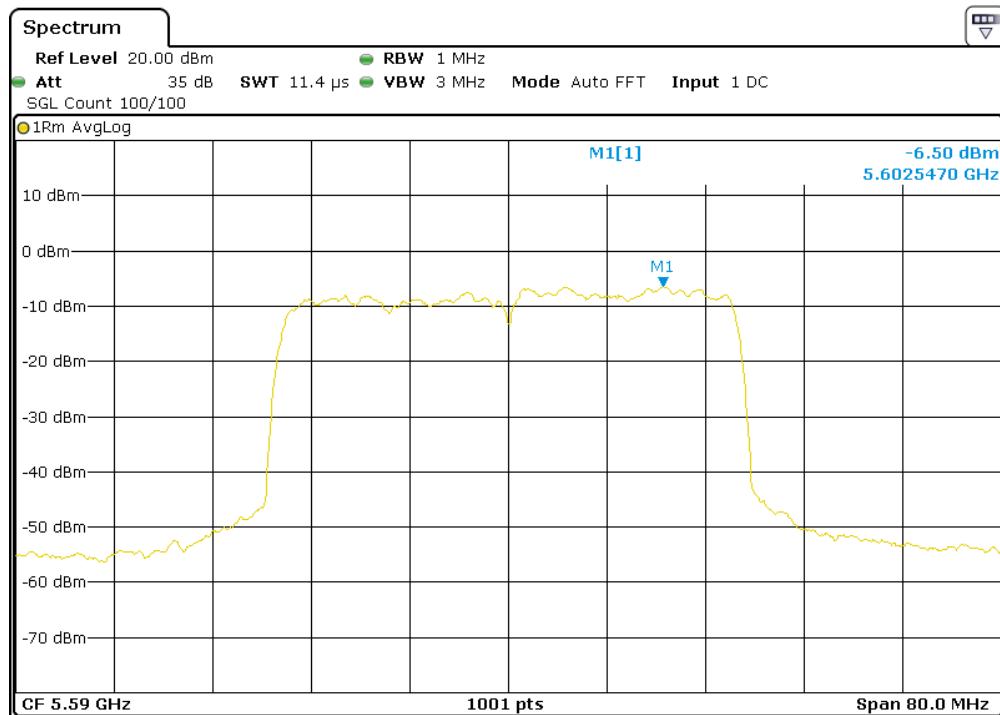
Channel 102



802.11 ac(VHT40)

Antenna A

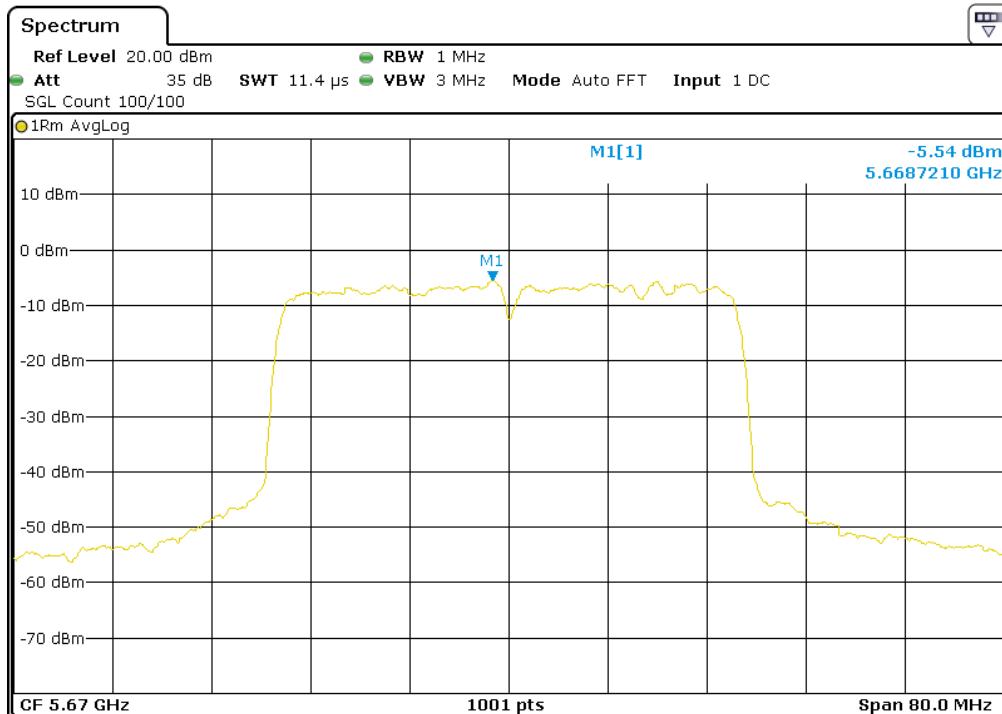
Channel 118



802.11 ac(VHT40)

Antenna A

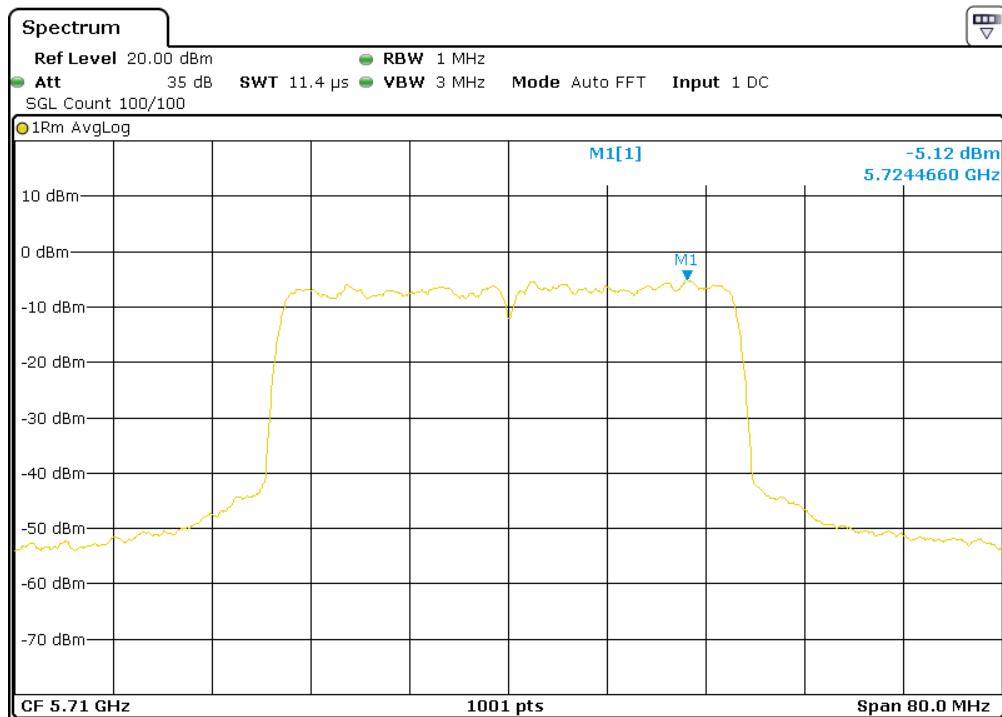
Channel 134



802.11 ac(VHT40)

Antenna A

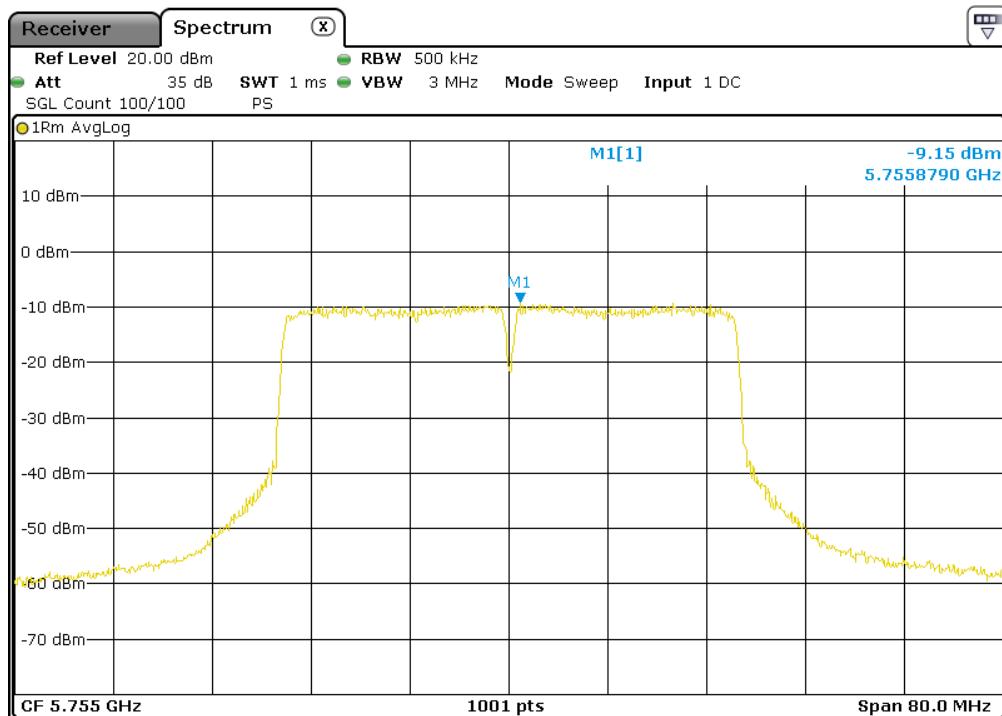
Channel 142



802.11 ac(VHT40)

Antenna A

Channel 151



802.11 ac(VHT40)

Antenna A

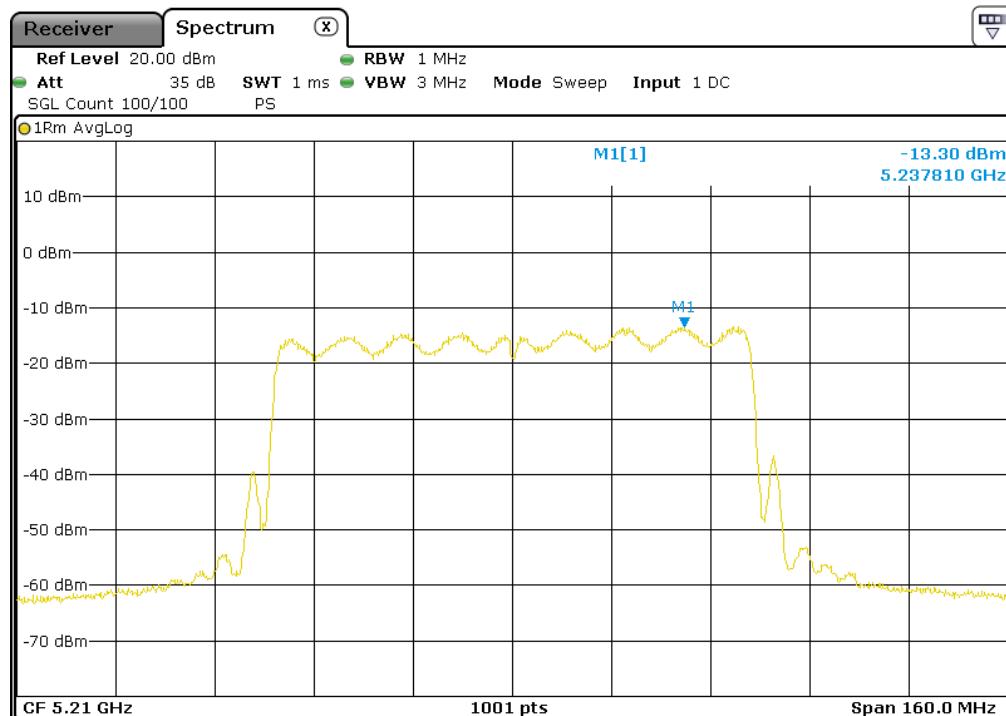
Channel 159



802.11 ac(VHT80)

Antenna A

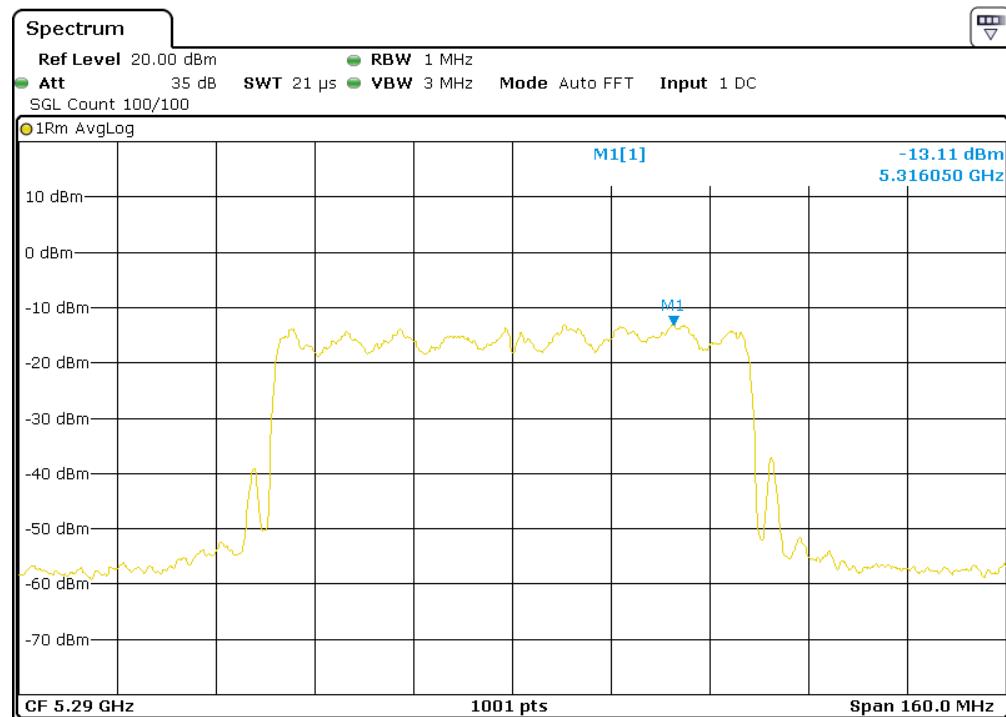
Channel 42



802.11 ac(VHT80)

Antenna A

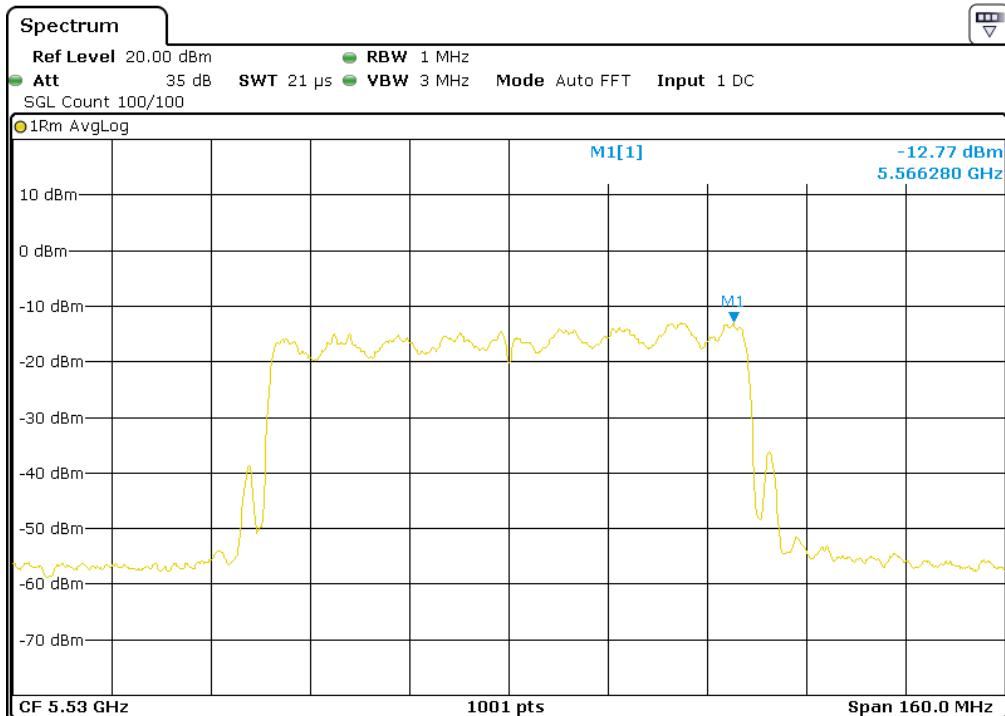
Channel 58



802.11 ac(VHT80)

Antenna A

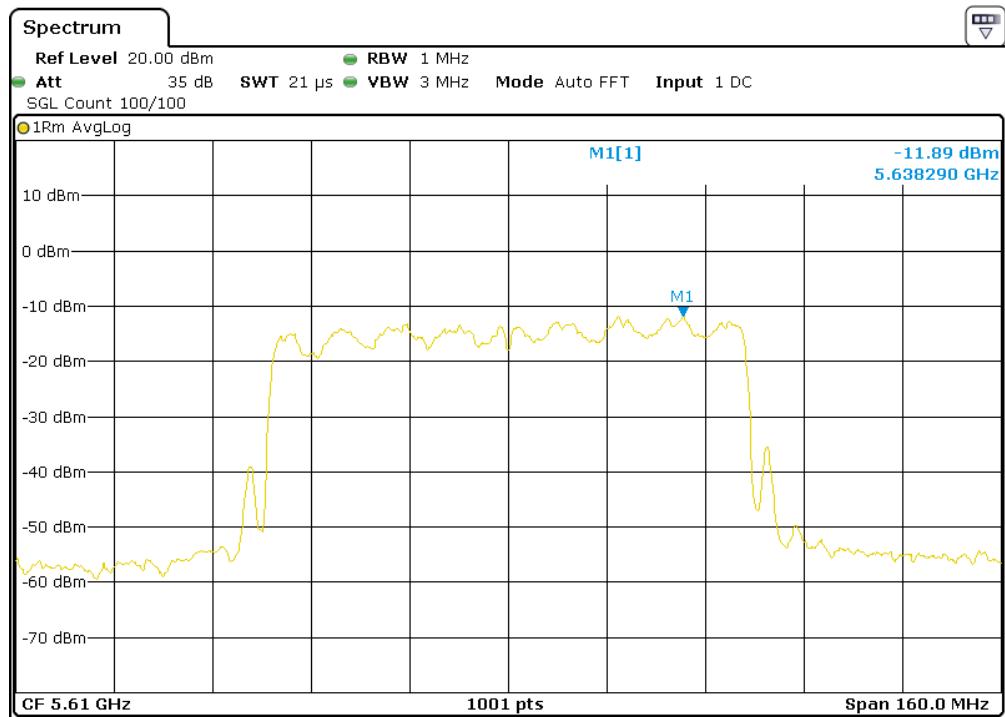
Channel 106



802.11 ac(VHT80)

Antenna A

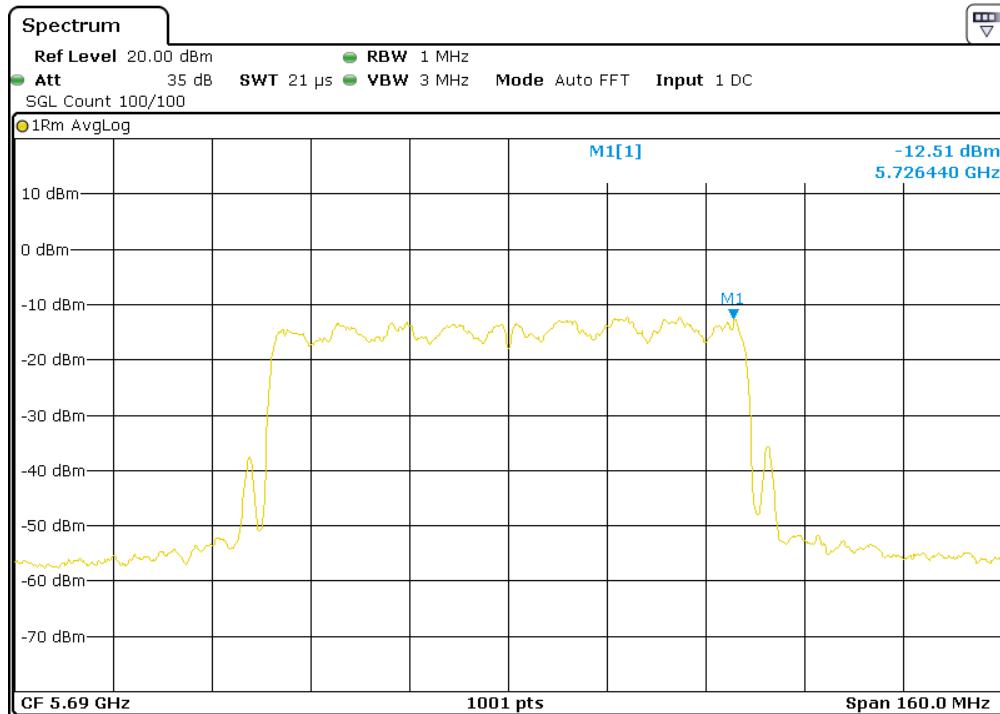
Channel 122



802.11 ac(VHT80)

Antenna A

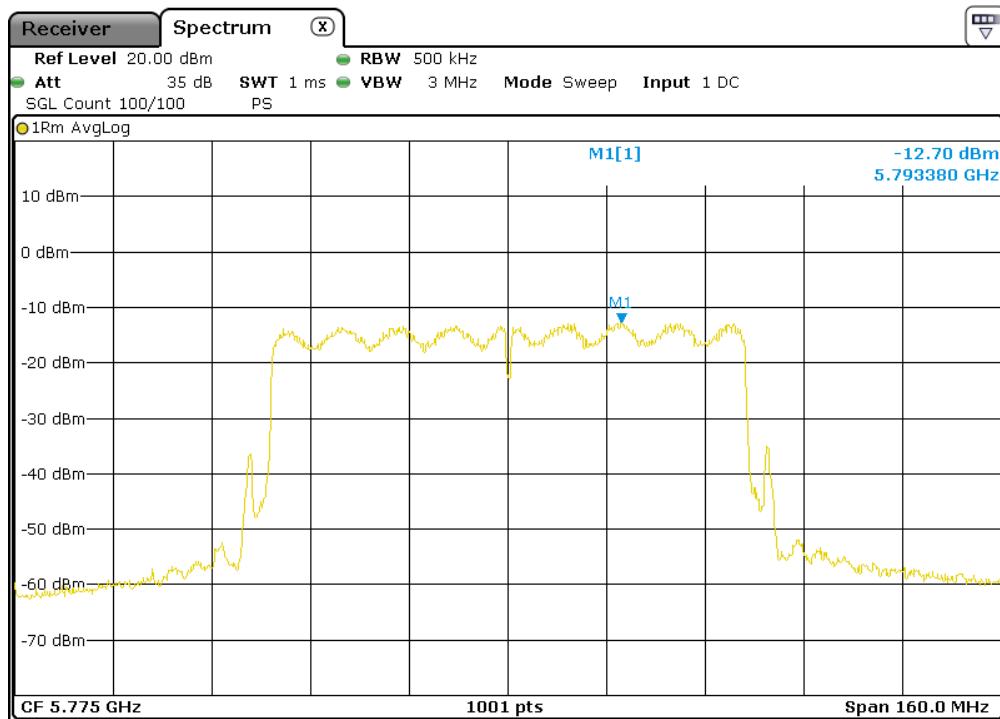
Channel 138



802.11 ac(VHT80)

Antenna A

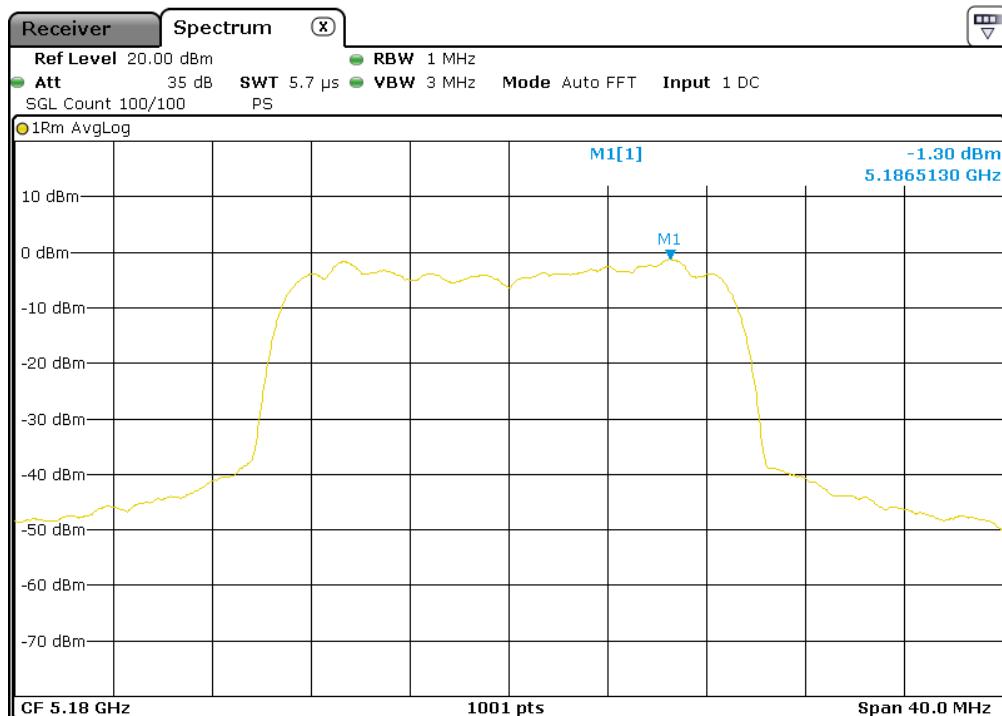
Channel 155



802.11 n(HT20)

Antenna B

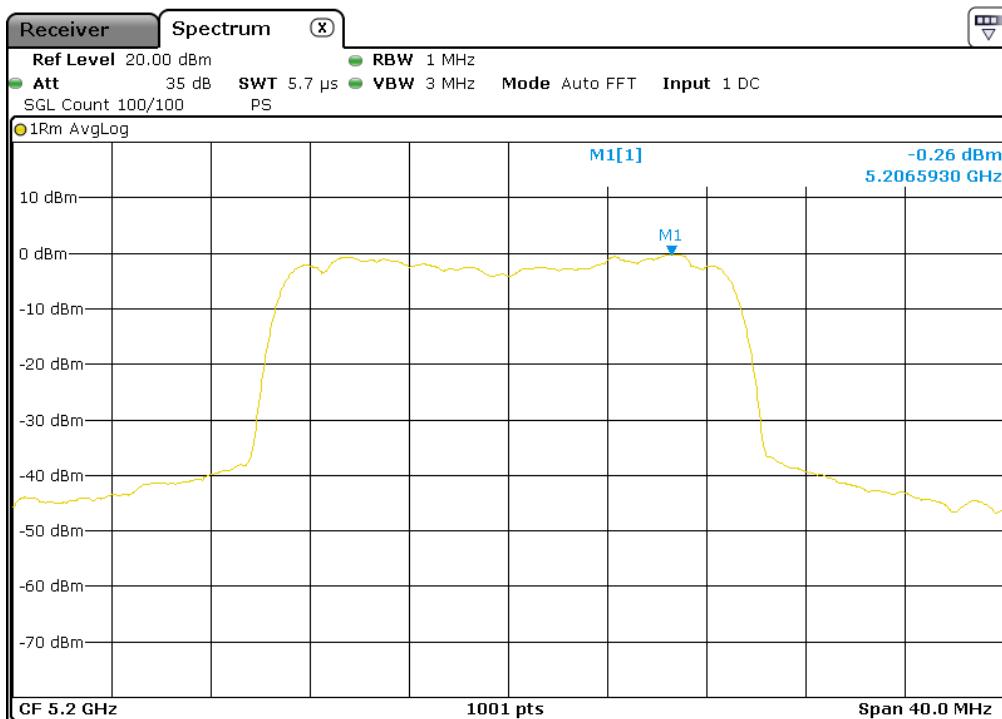
Channel 36



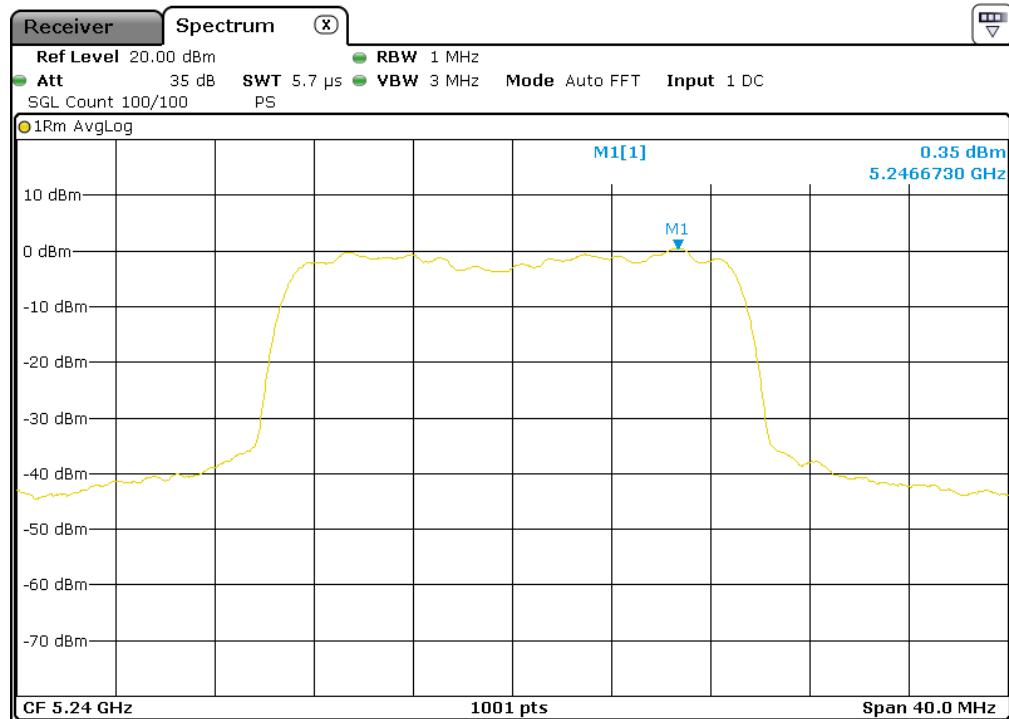
802.11 n(HT20)

Antenna B

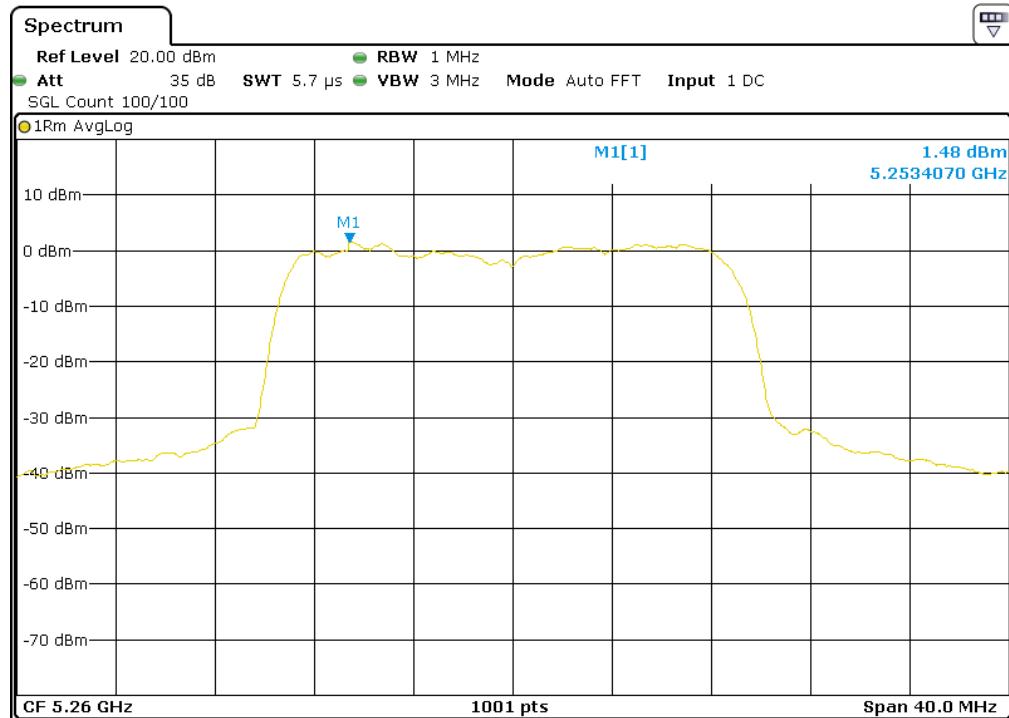
Channel 40



802.11 n(HT20)	Antenna B	Channel 48
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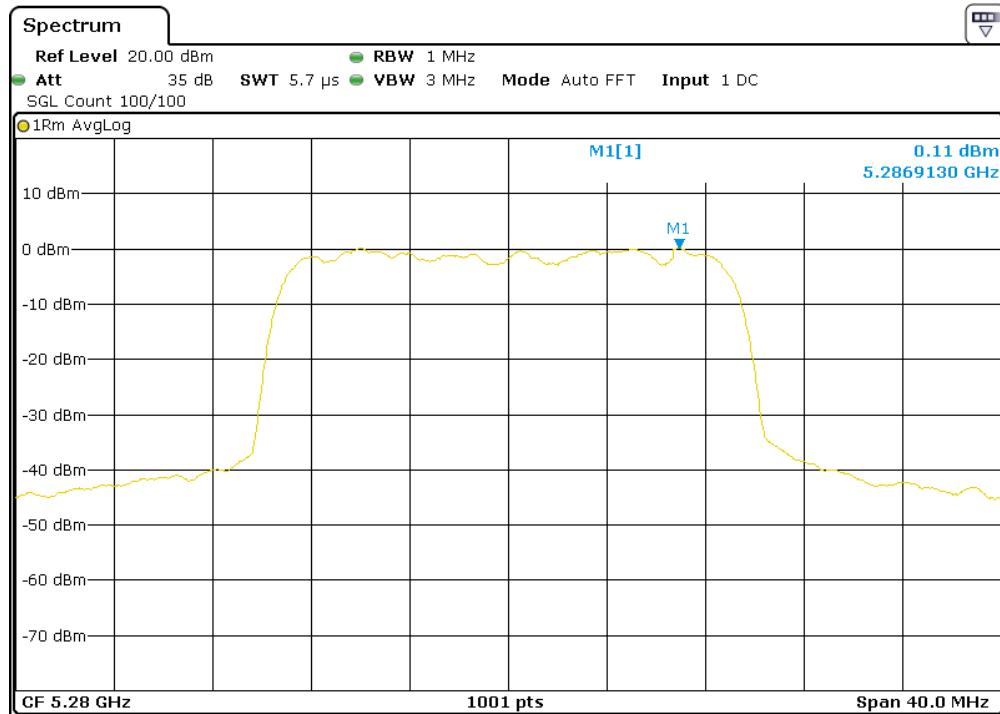
802.11 n(HT20)	Antenna B	Channel 52
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802.11 n(HT20)

Antenna B

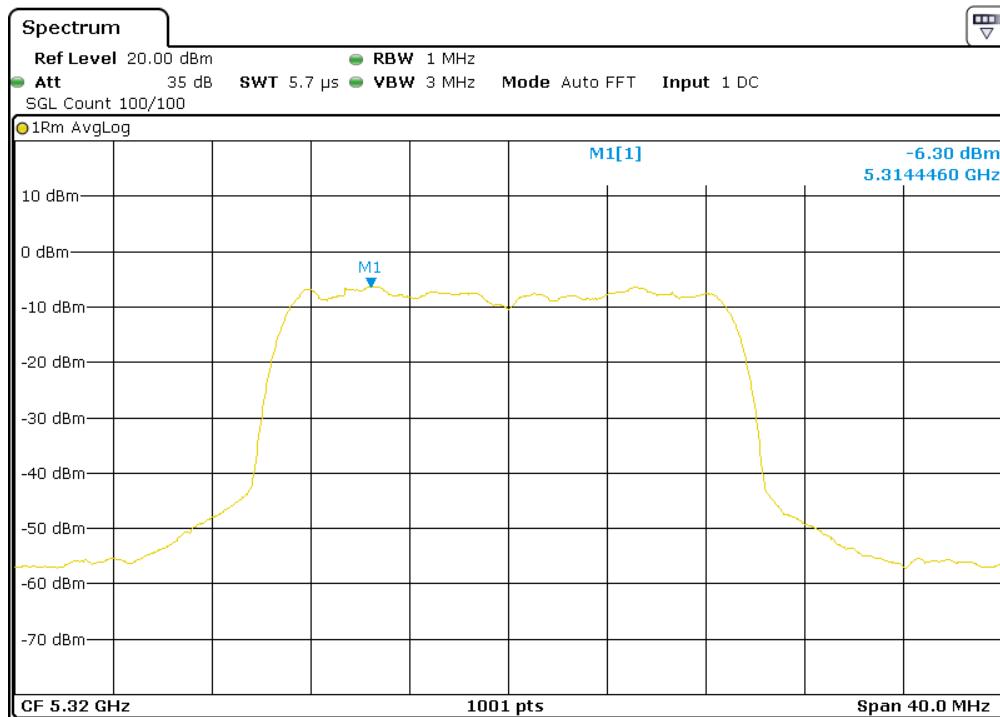
Channel 56



802.11 n(HT20)

Antenna B

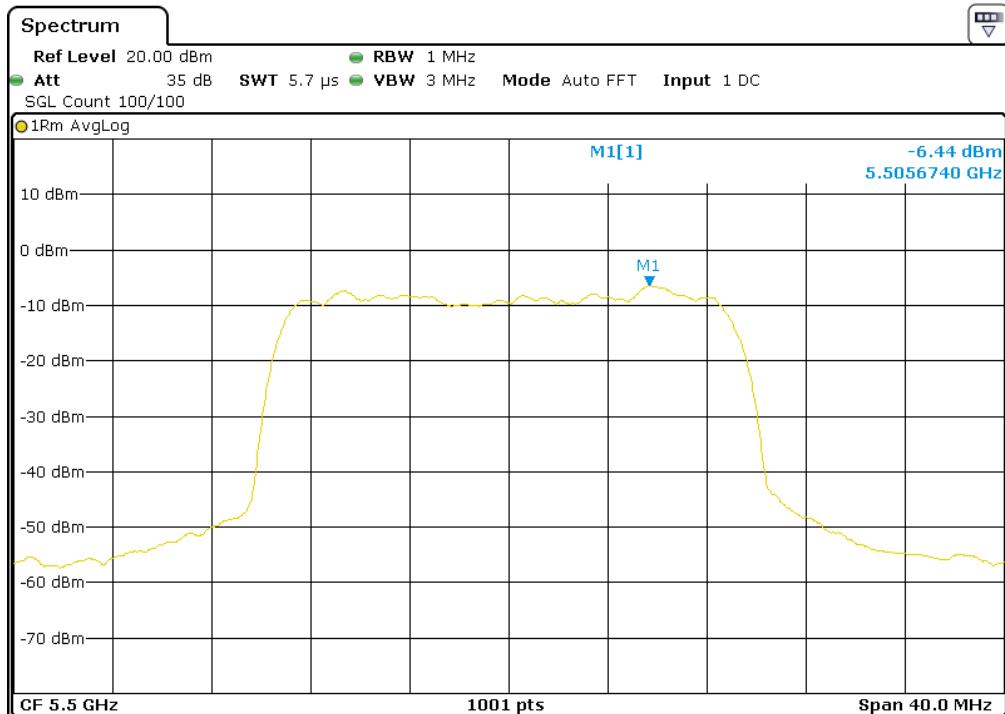
Channel 64



802.11 n(HT20)

Antenna B

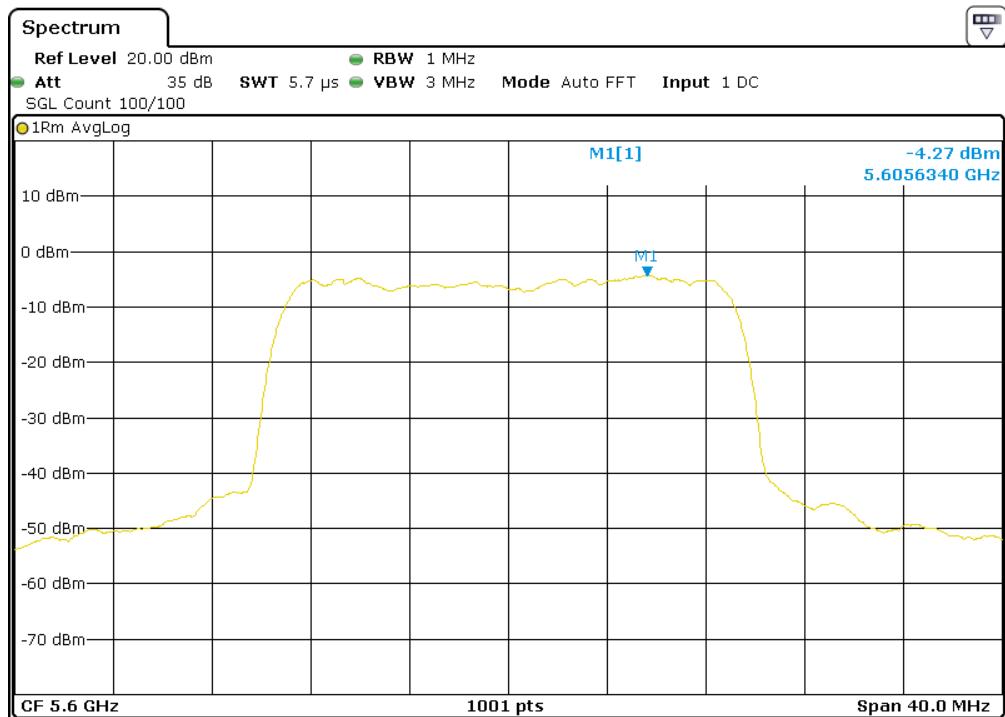
Channel 100



802.11 n(HT20)

Antenna B

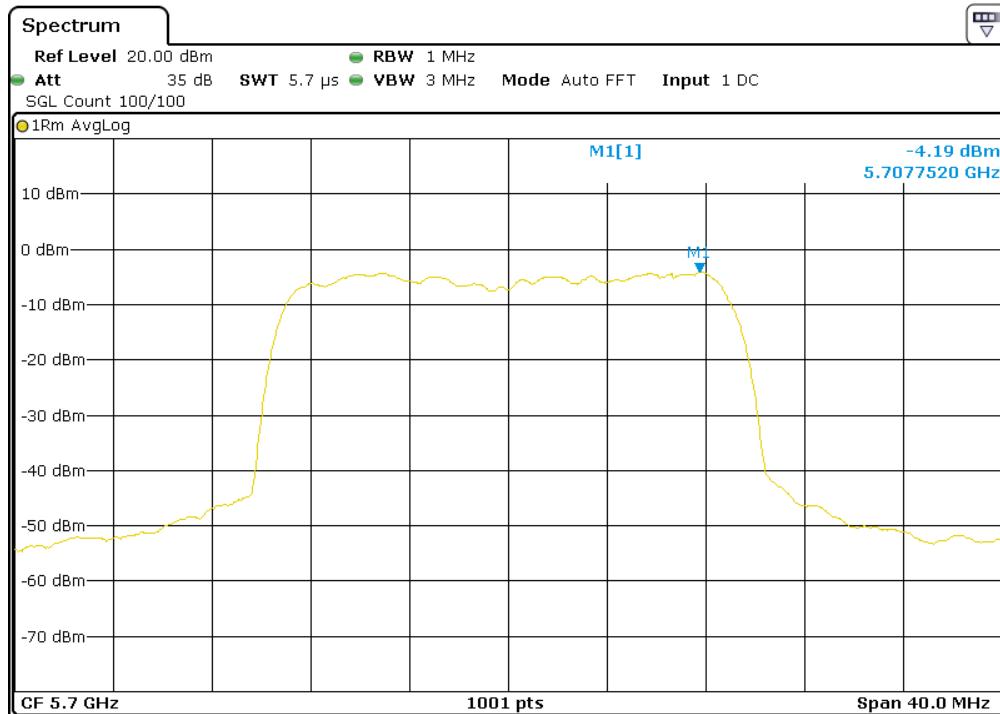
Channel 120



802.11 n(HT20)

Antenna B

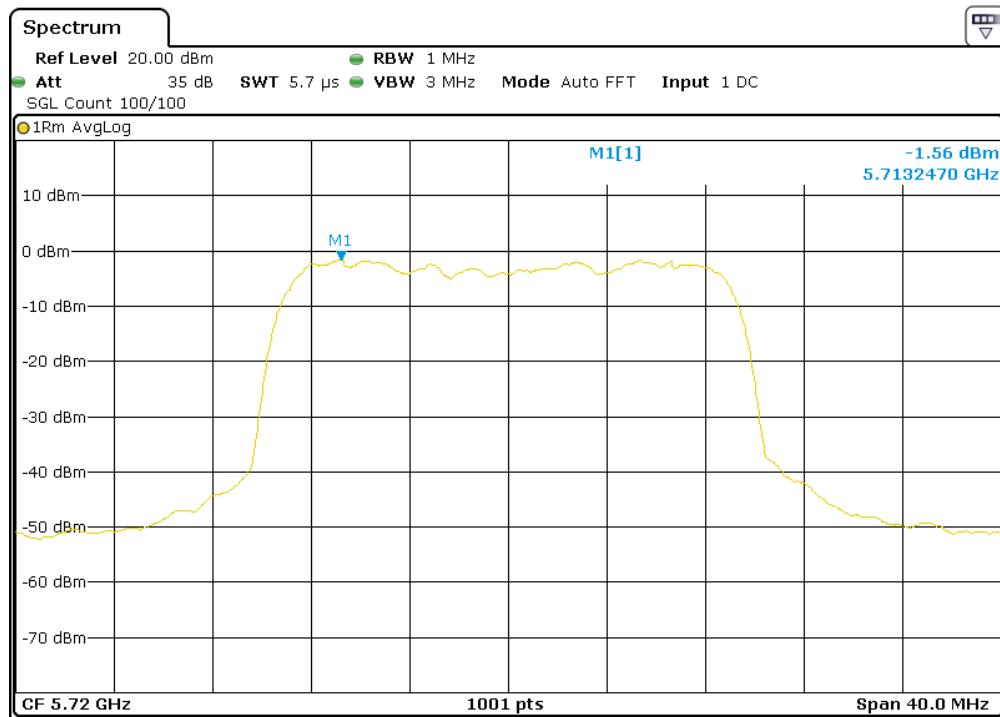
Channel 140



802.11 n(HT20)

Antenna B

Channel 144



802.11 n(HT20)

Antenna B

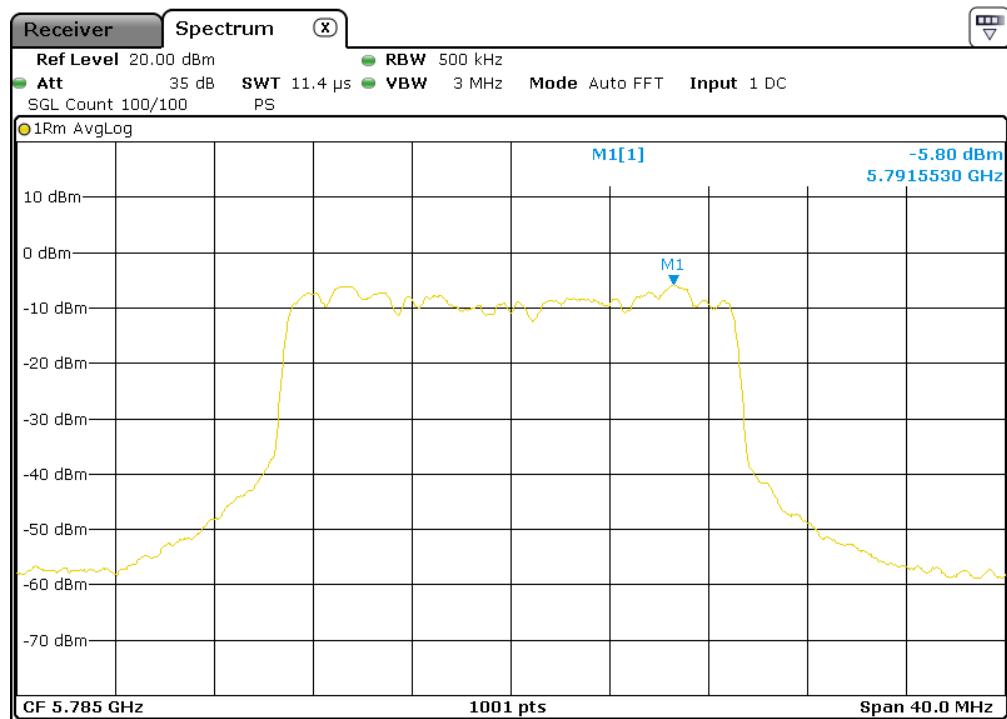
Channel 149



802.11 n(HT20)

Antenna B

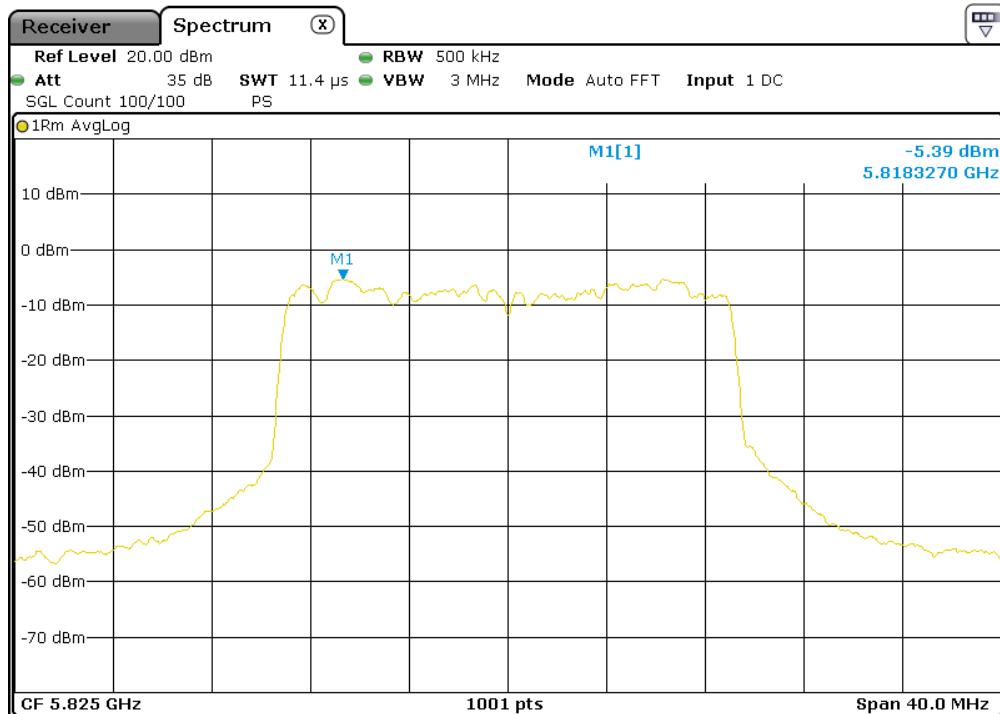
Channel 157



802.11 n(HT20)

Antenna B

Channel 165



802.11 n(HT40)

Antenna B

Channel 38



802.11 n(HT40)

Antenna B

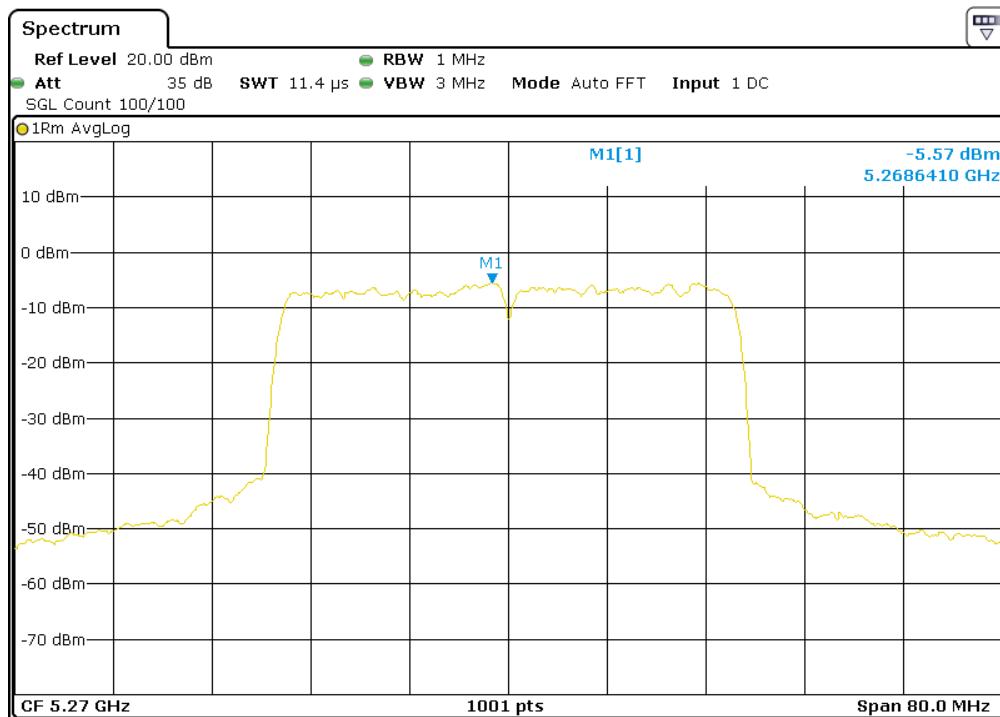
Channel 46



802.11 n(HT40)

Antenna B

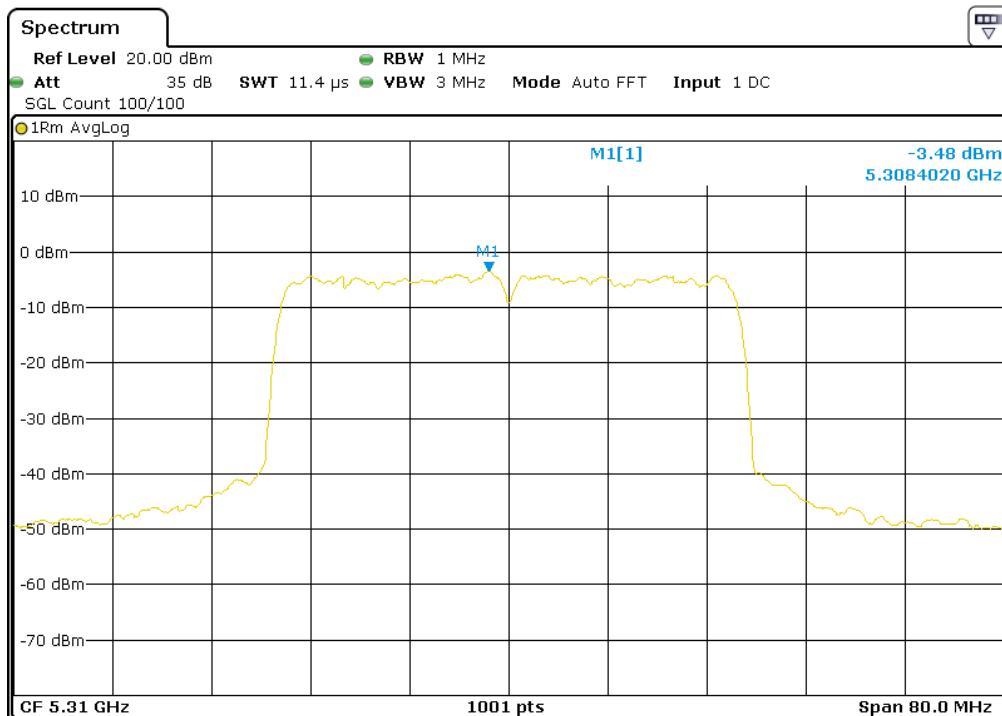
Channel 54



802.11 n(HT40)

Antenna B

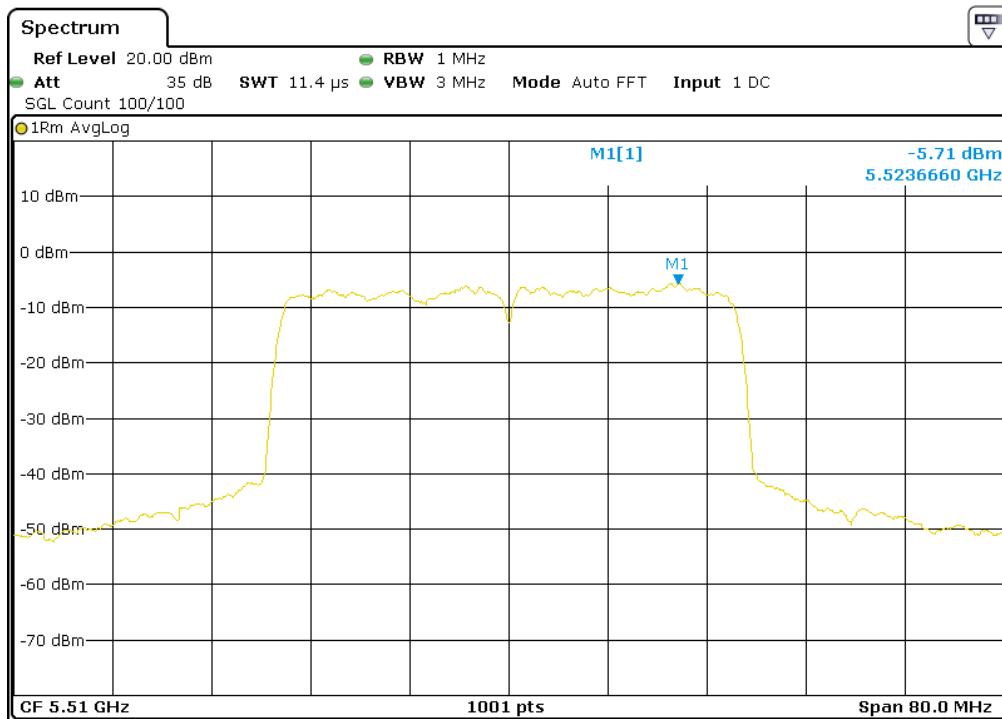
Channel 62



802.11 n(HT40)

Antenna B

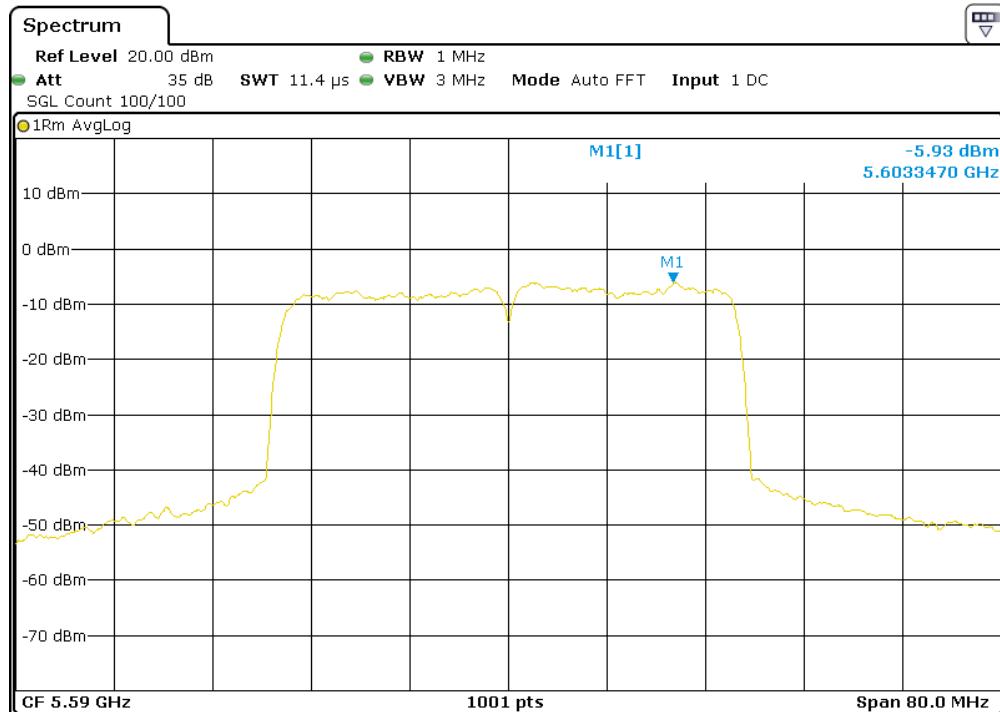
Channel 102



802.11 n(HT40)

Antenna B

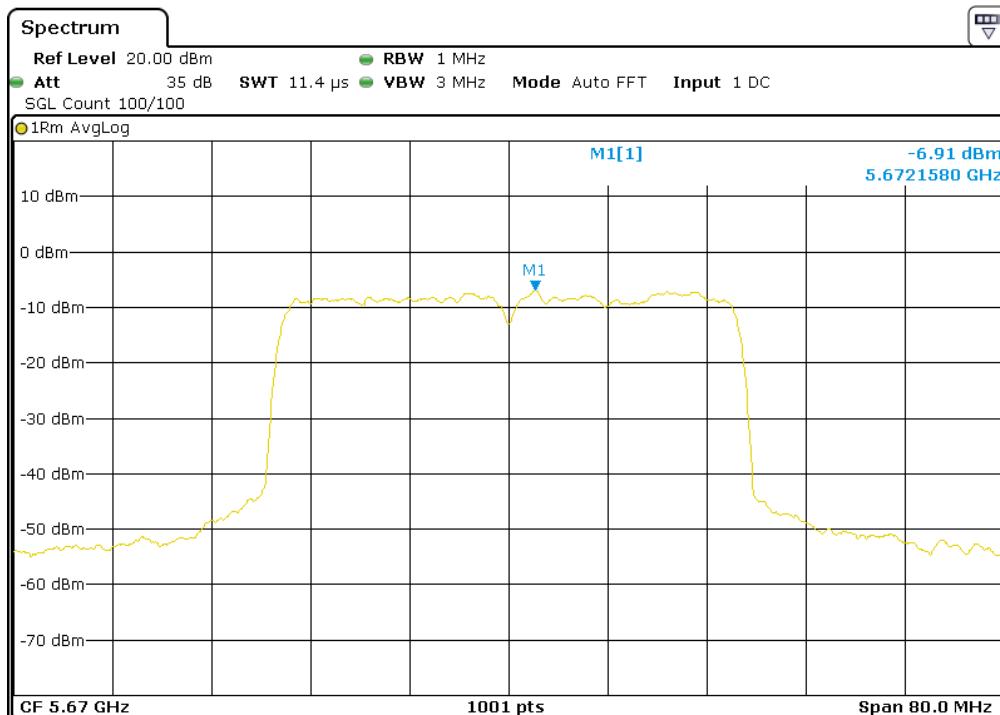
Channel 118



802.11 n(HT40)

Antenna B

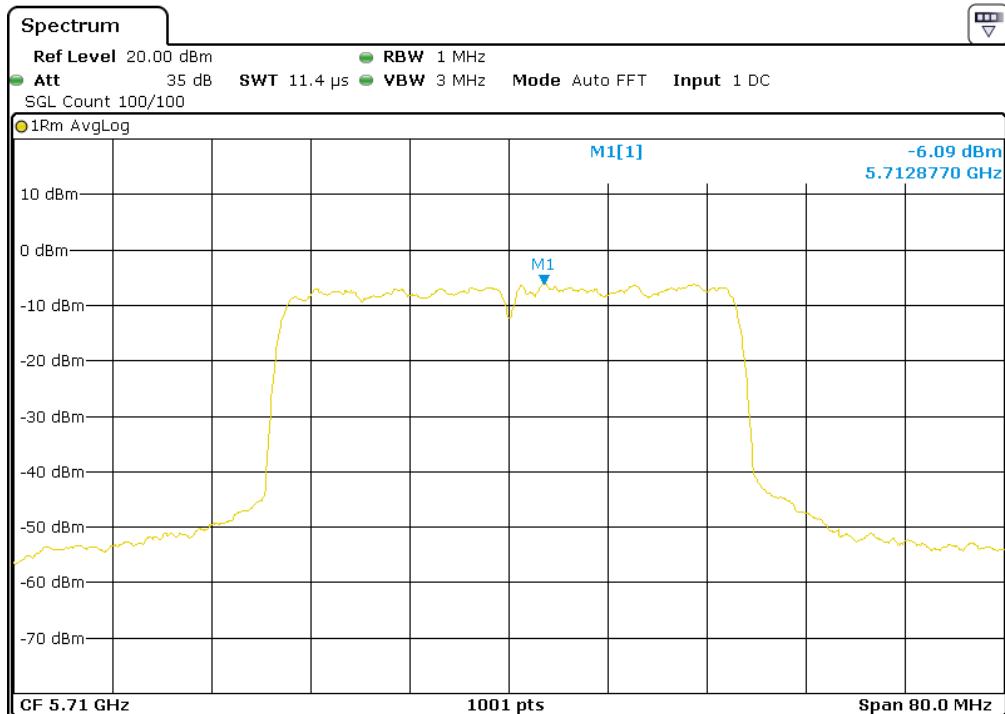
Channel 134



802.11 n(HT40)

Antenna B

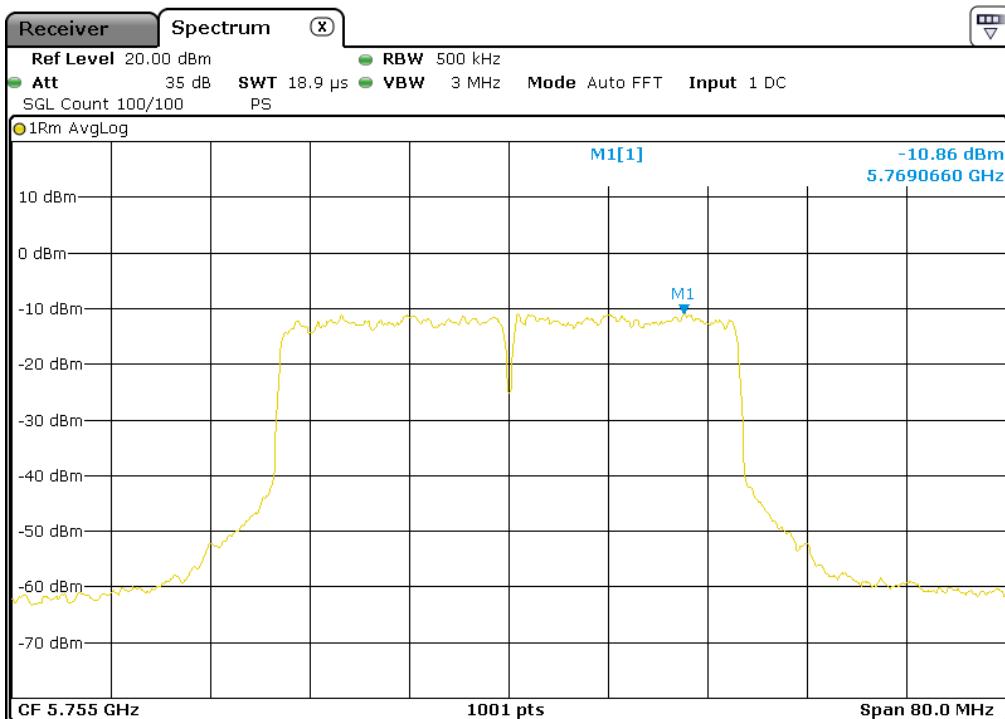
Channel 142



802.11 n(HT40)

Antenna B

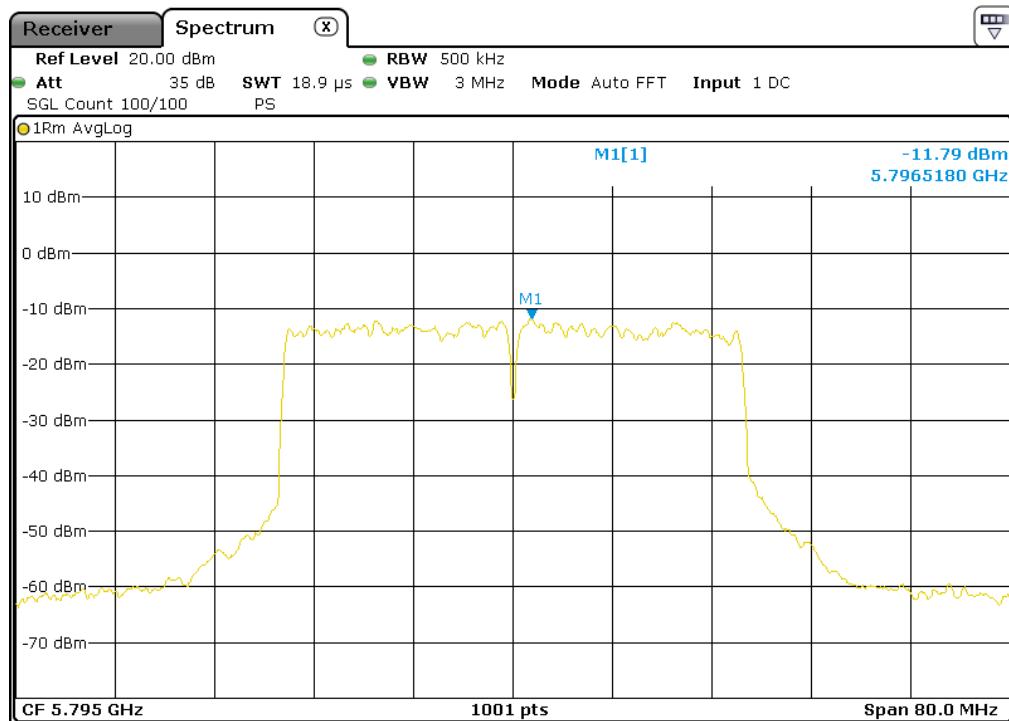
Channel 151



802.11 n(HT40)

Antenna B

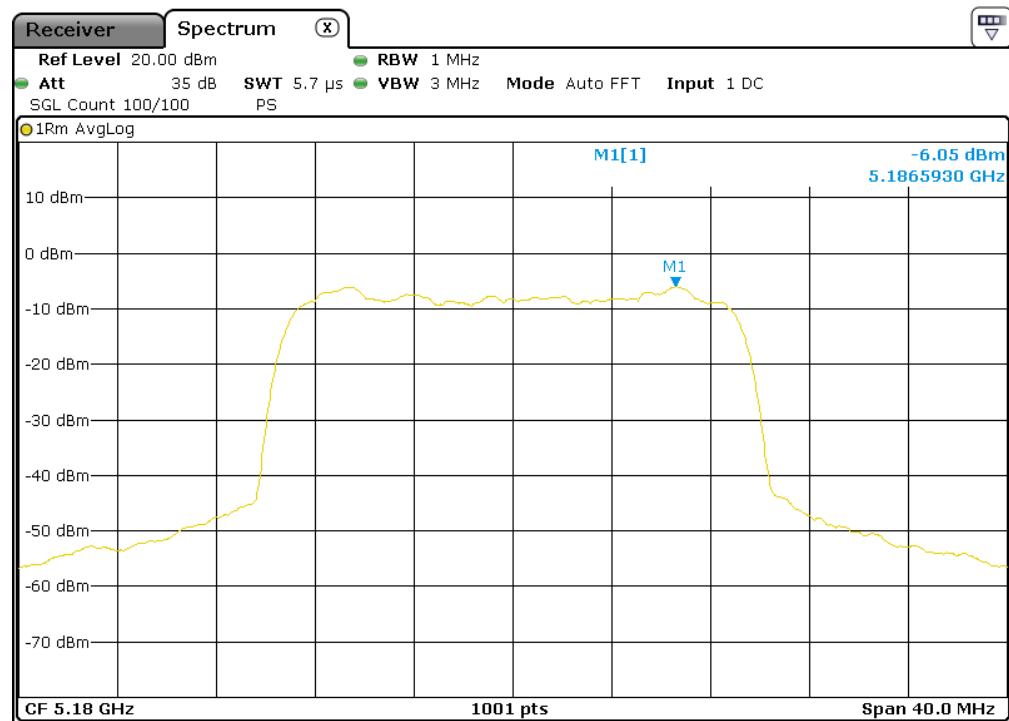
Channel 159



802.11 ac(VHT20)

Antenna B

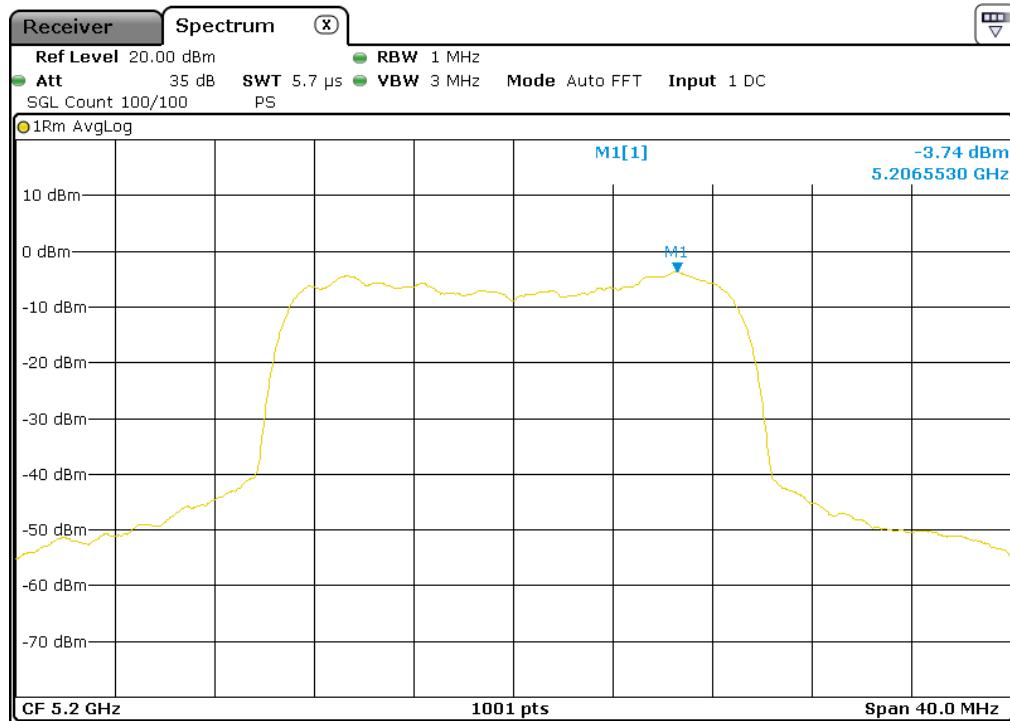
Channel 36



802.11 ac(VHT20)

Antenna B

Channel 40



802.11 ac(VHT20)

Antenna B

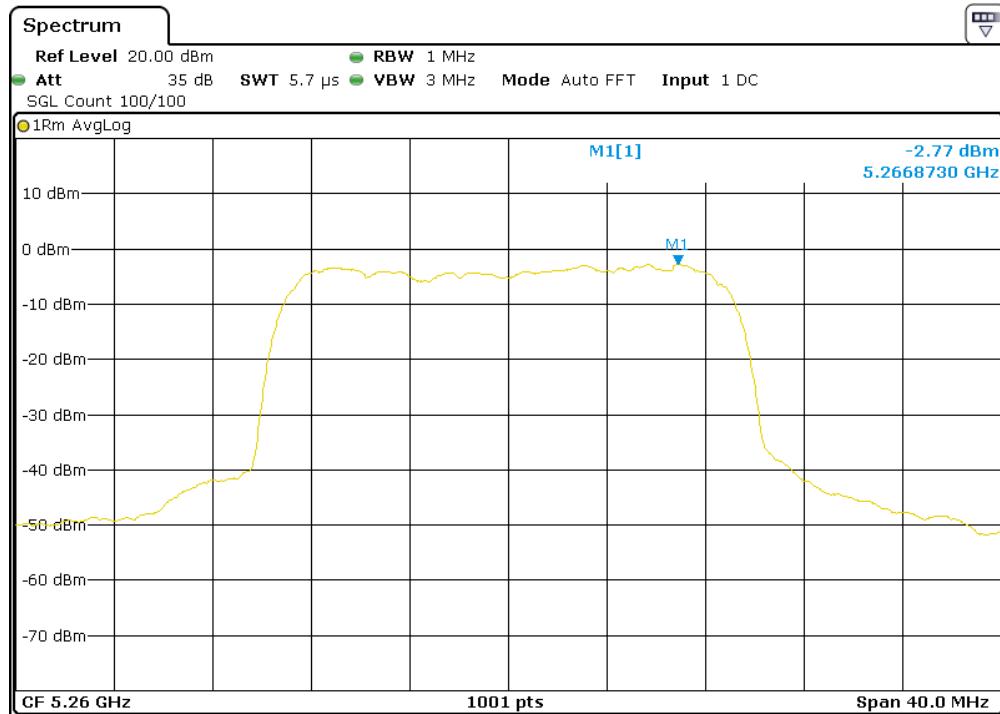
Channel 48



802.11 ac(VHT20)

Antenna B

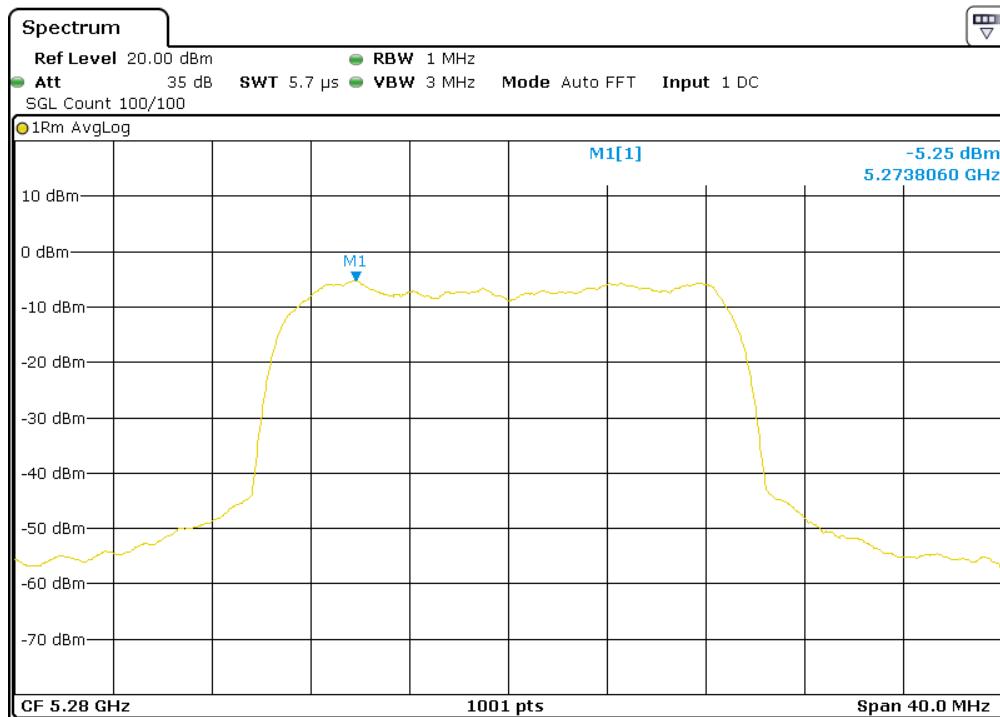
Channel 52



802.11 ac(VHT20)

Antenna B

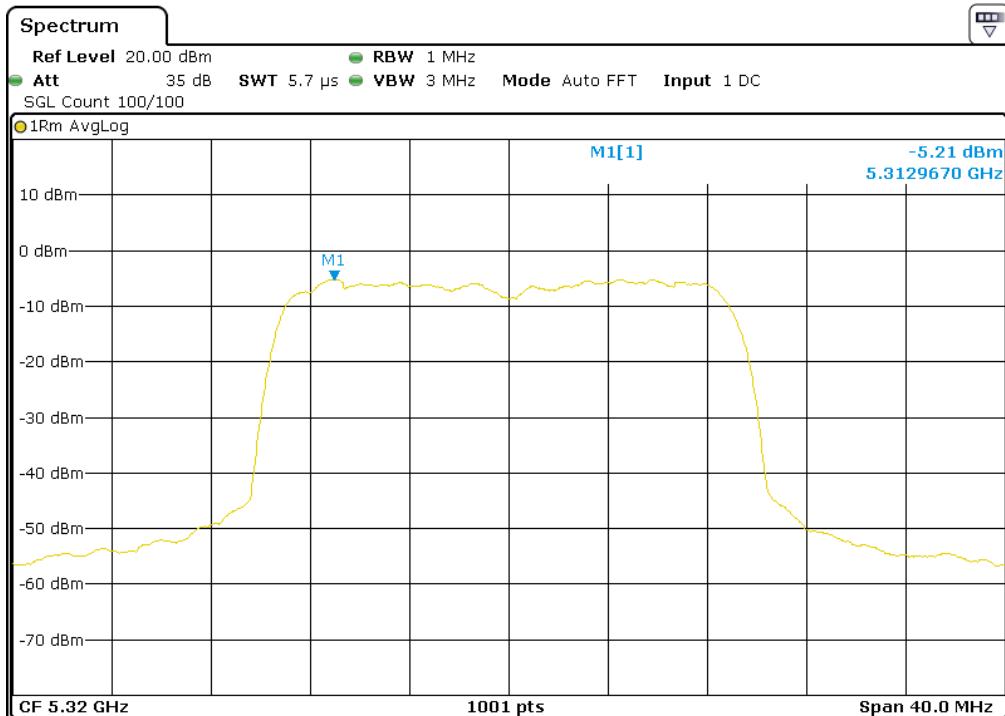
Channel 56



802.11 ac(VHT20)

Antenna B

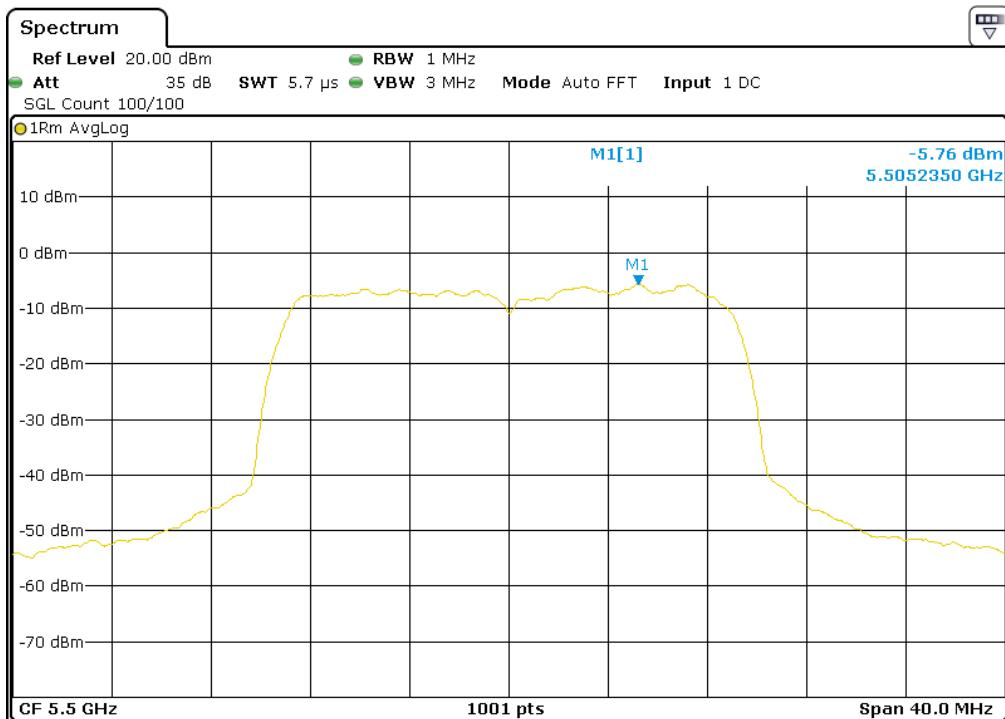
Channel 64



802.11 ac(VHT20)

Antenna B

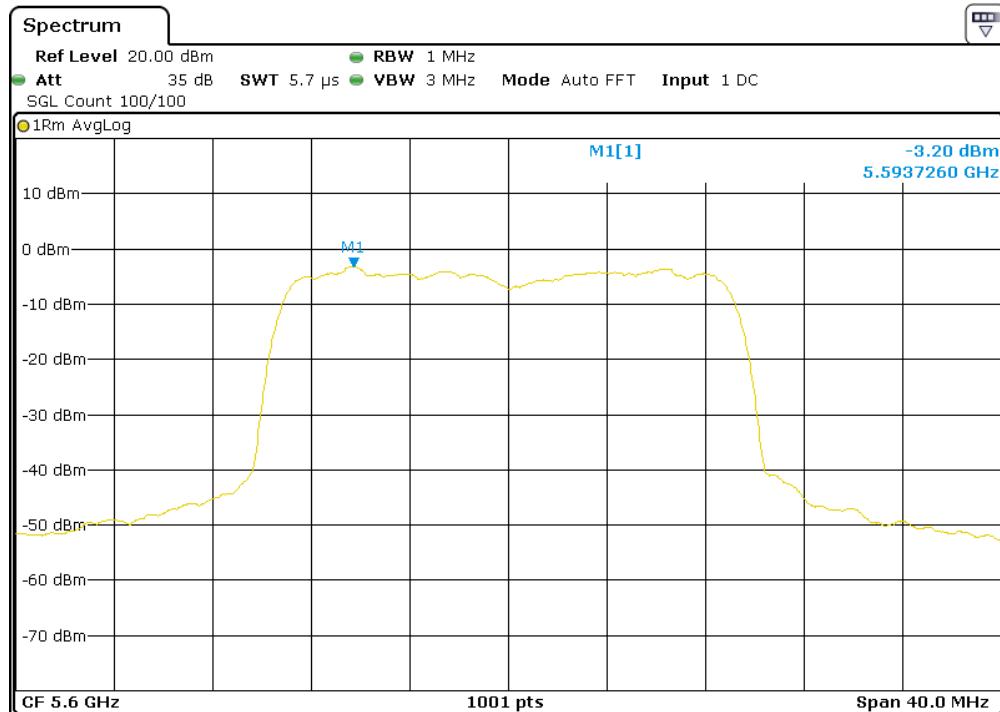
Channel 100



802.11 ac(VHT20)

Antenna B

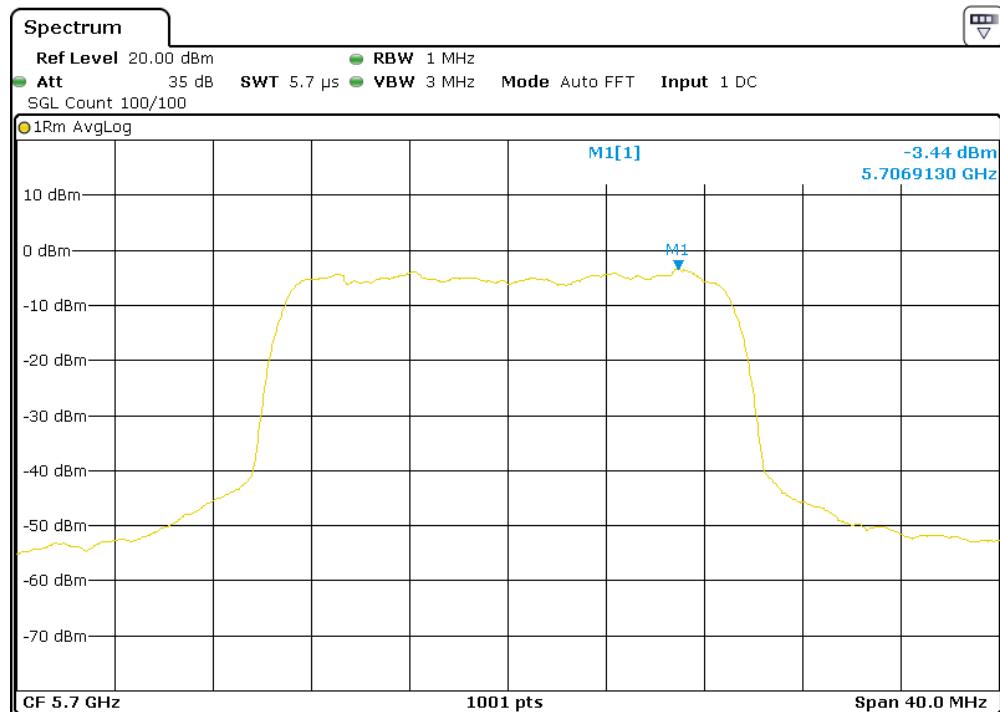
Channel 120



802.11 ac(VHT20)

Antenna B

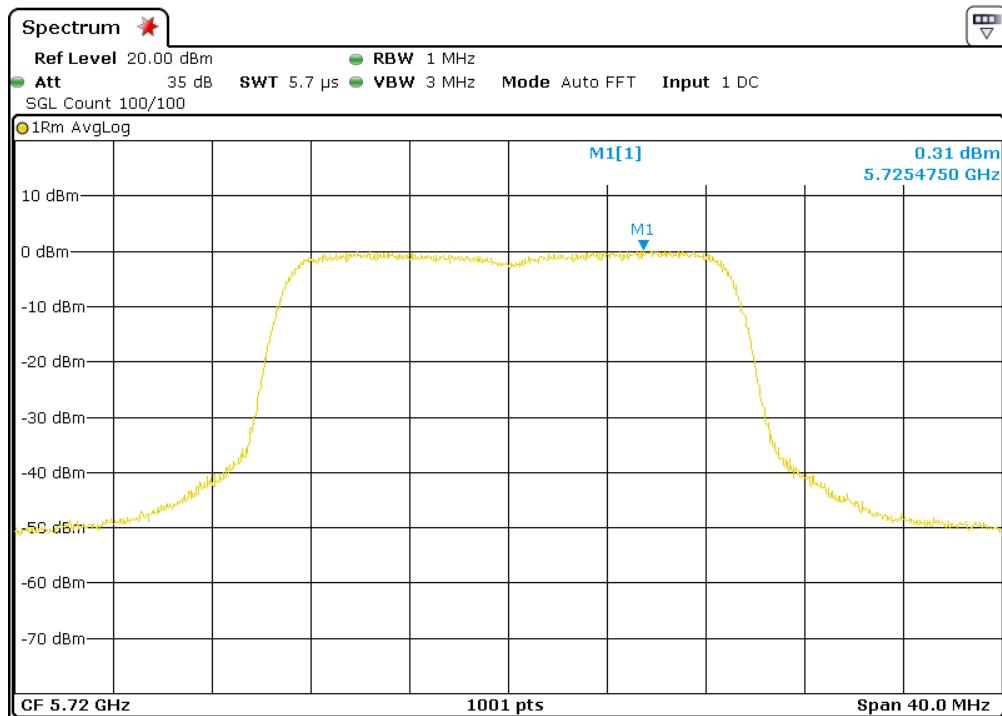
Channel 140



802.11 ac(VHT20)

Antenna B

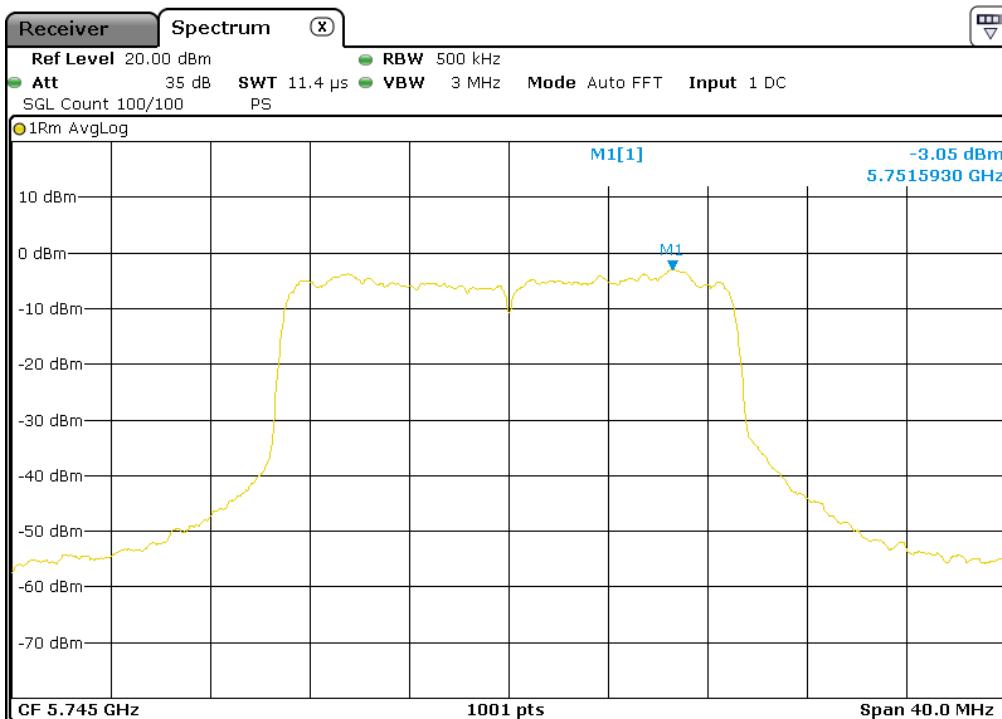
Channel 144



802.11 ac(VHT20)

Antenna B

Channel 149



802.11 ac(VHT20)

Antenna B

Channel 157



802.11 ac(VHT20)

Antenna B

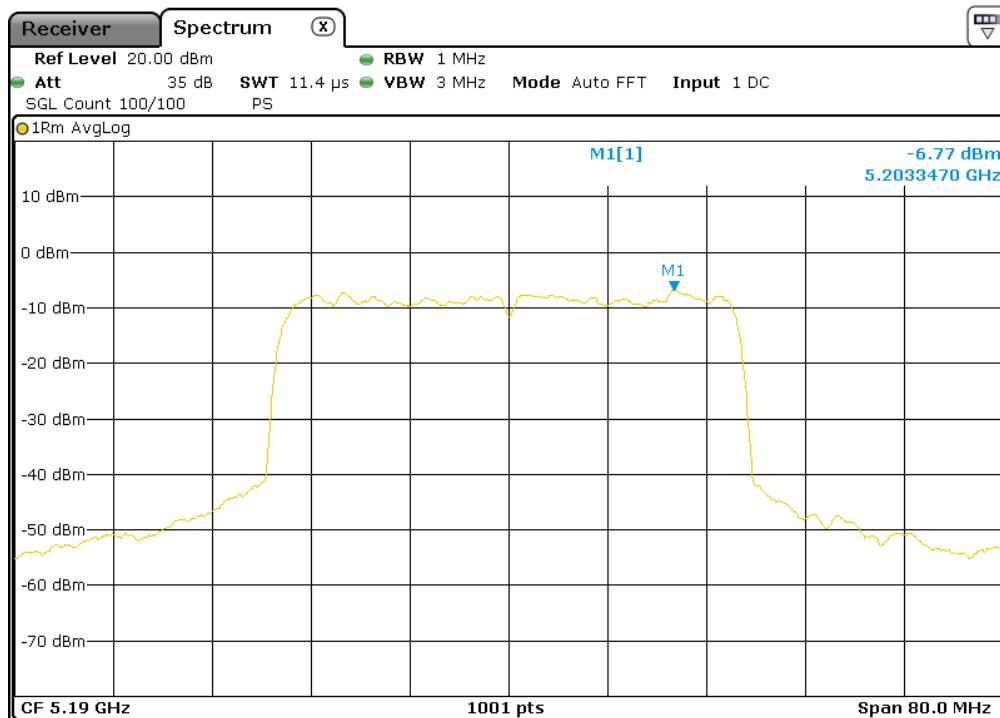
Channel 165



802.11 ac(VHT40)

Antenna B

Channel 38



802.11 ac(VHT40)

Antenna B

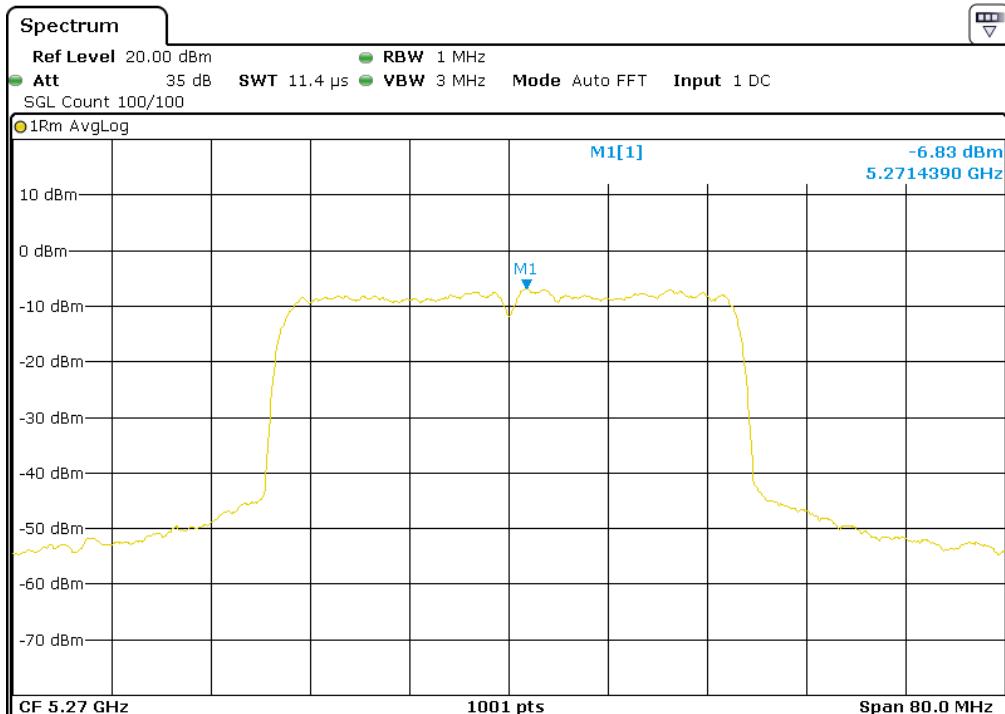
Channel 46



802.11 ac(VHT40)

Antenna B

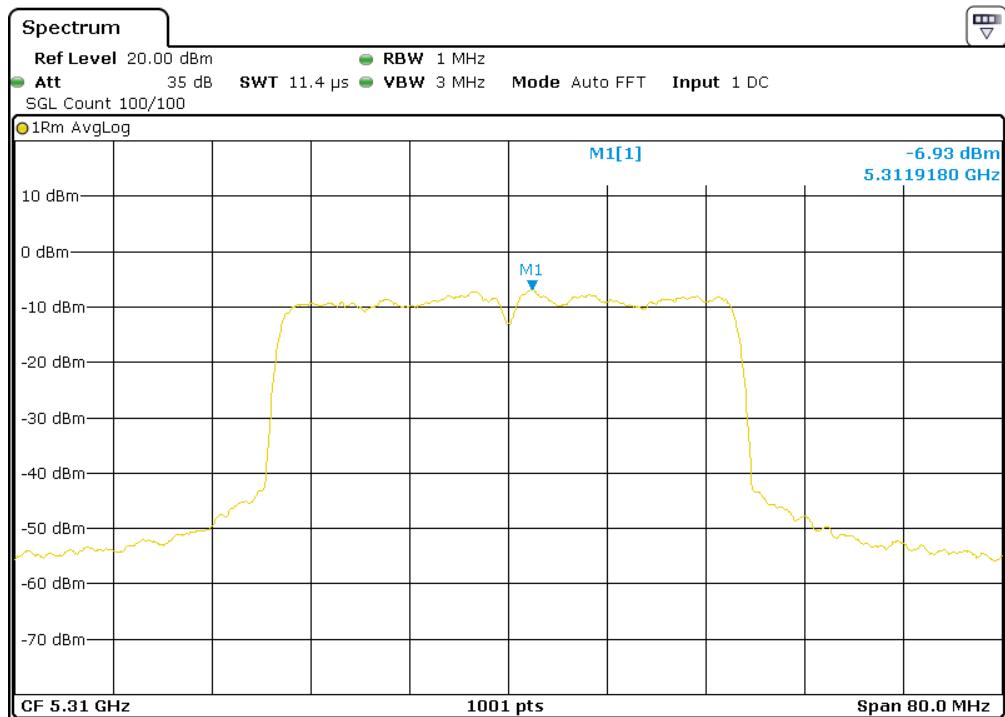
Channel 54



802.11 ac(VHT40)

Antenna B

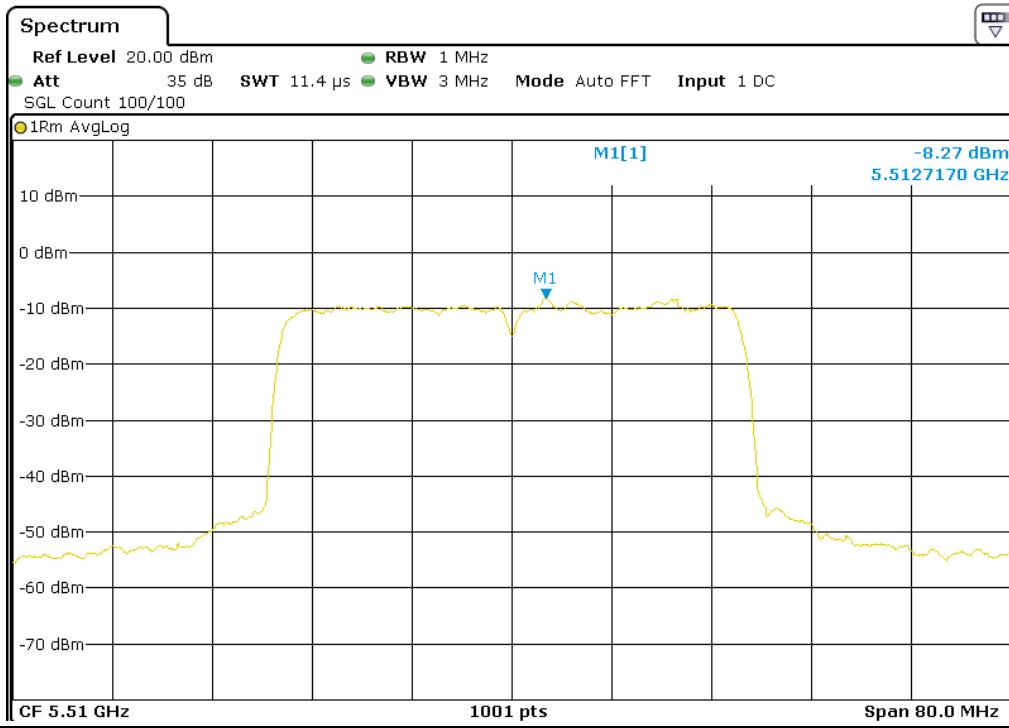
Channel 62



802.11 ac(VHT40)

Antenna B

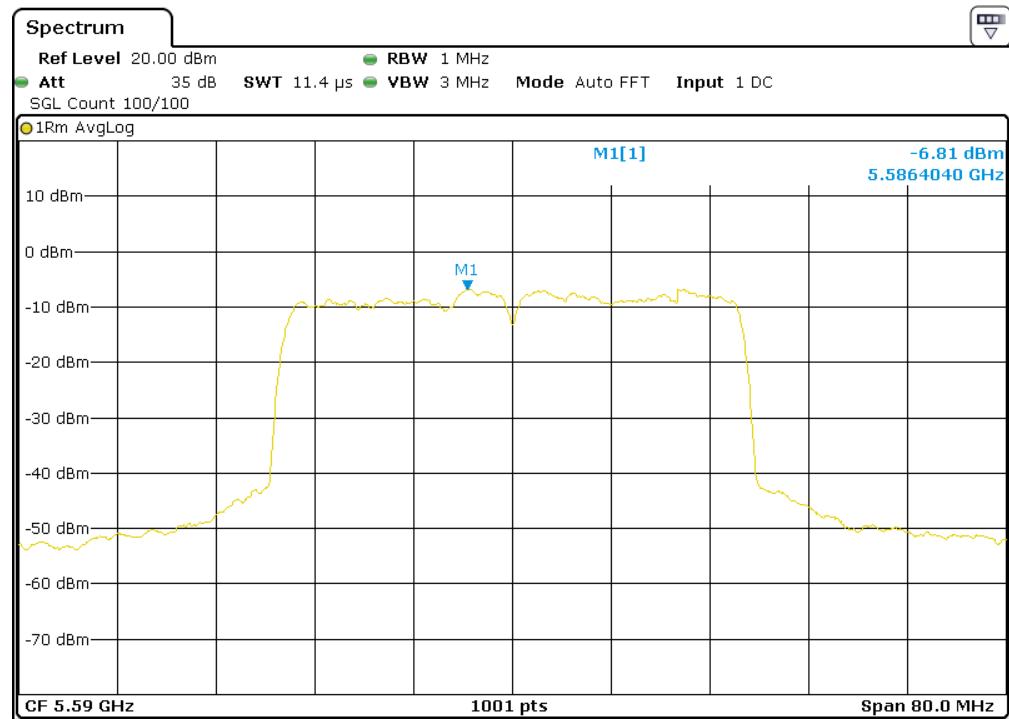
Channel 102



802.11 ac(VHT40)

Antenna B

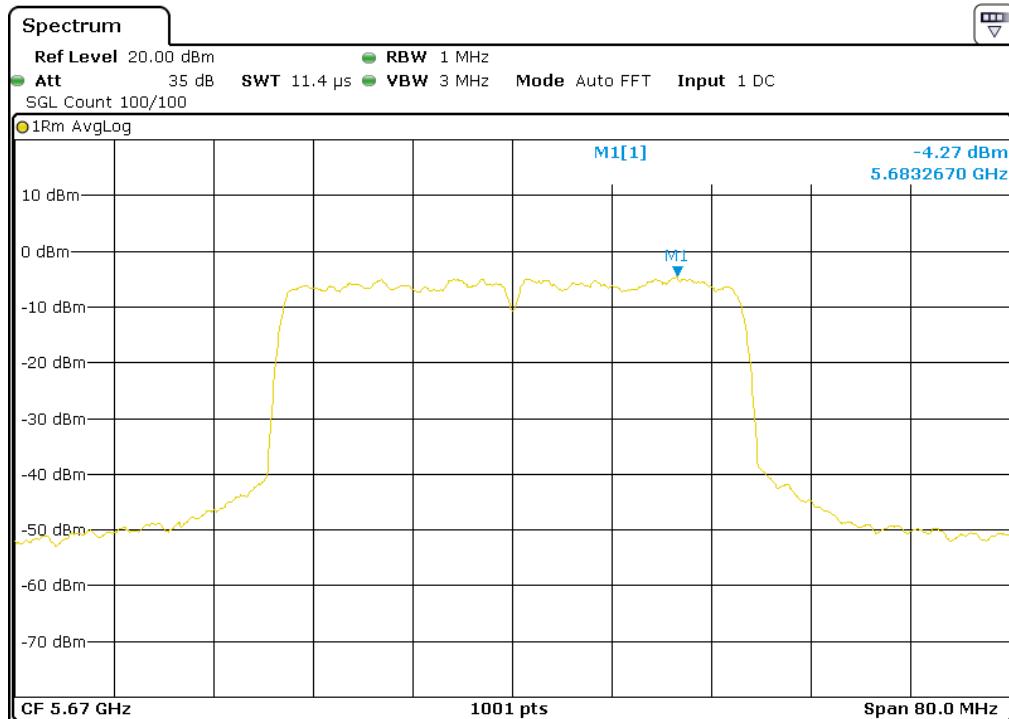
Channel 118



802.11 ac(VHT40)

Antenna B

Channel 134



802.11 ac(VHT40)

Antenna B

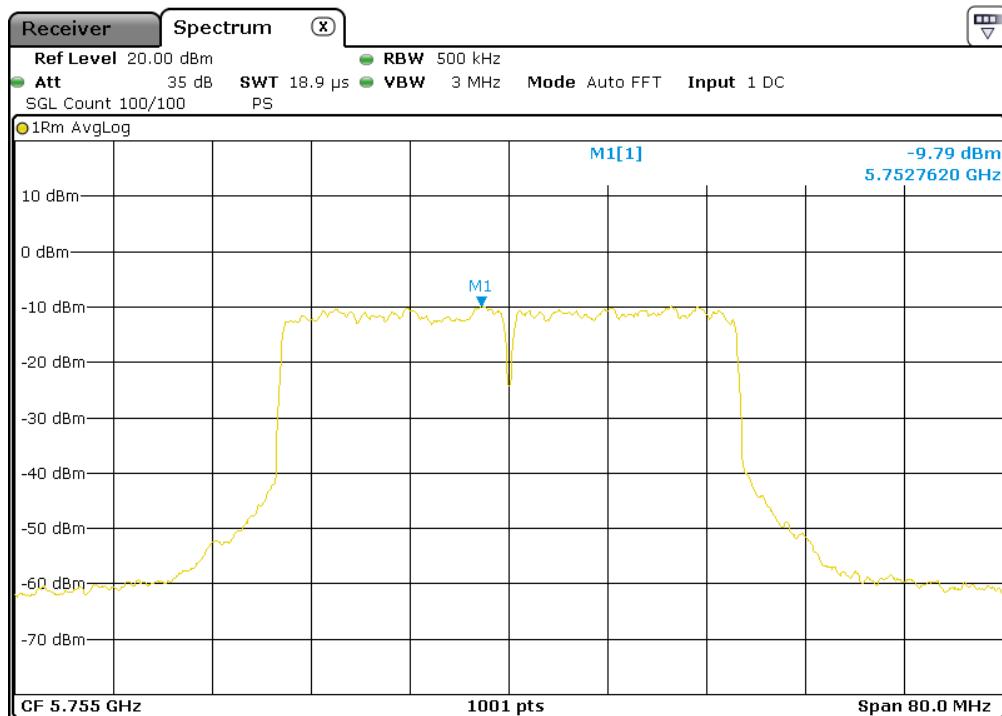
Channel 142



802.11 ac(VHT40)

Antenna B

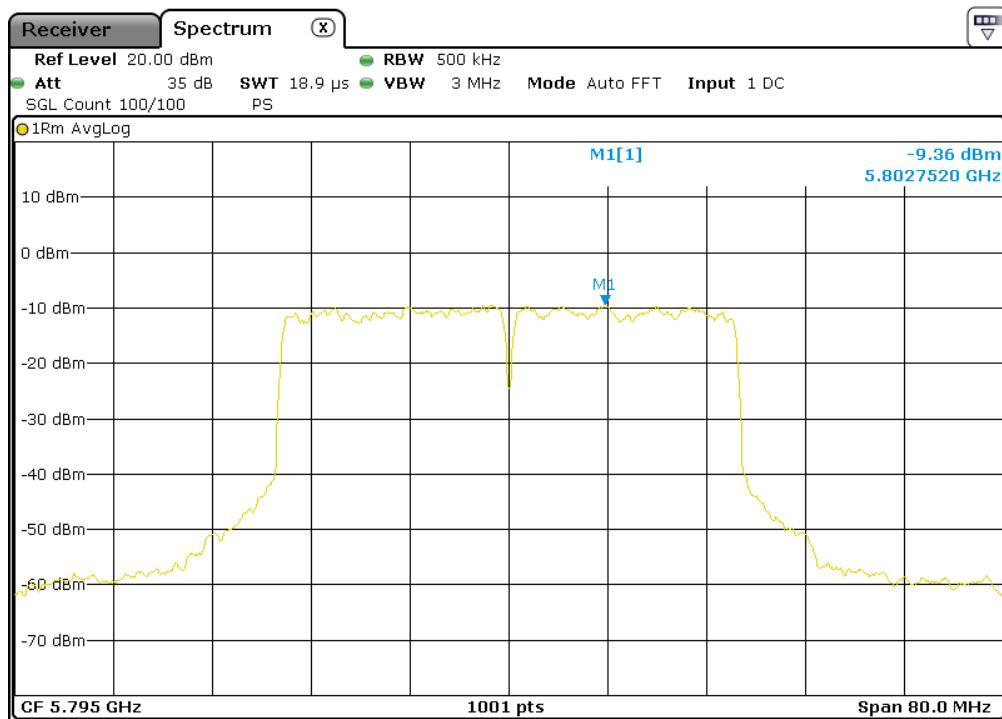
Channel 151



802.11 ac(VHT40)

Antenna B

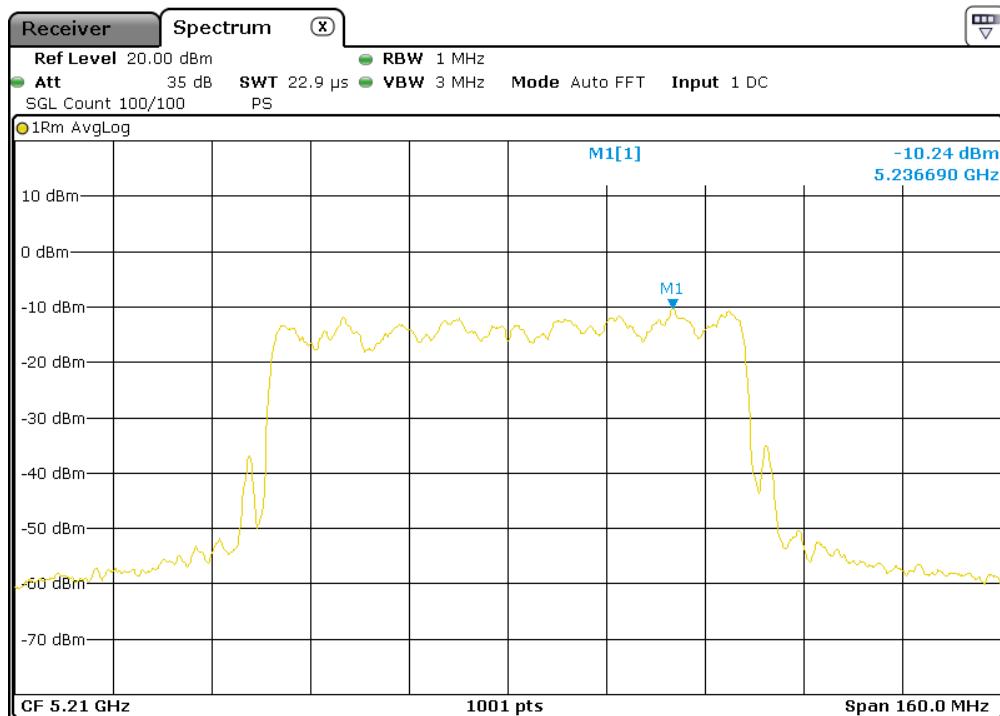
Channel 159



802.11 ac(VHT80)

Antenna B

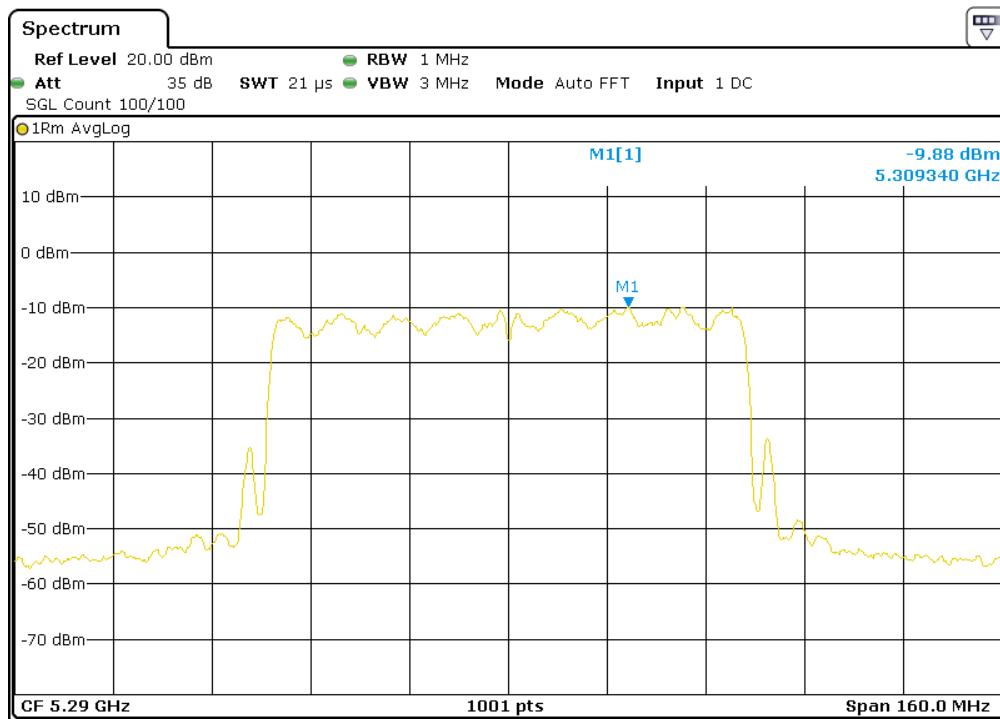
Channel 42



802.11 ac(VHT80)

Antenna B

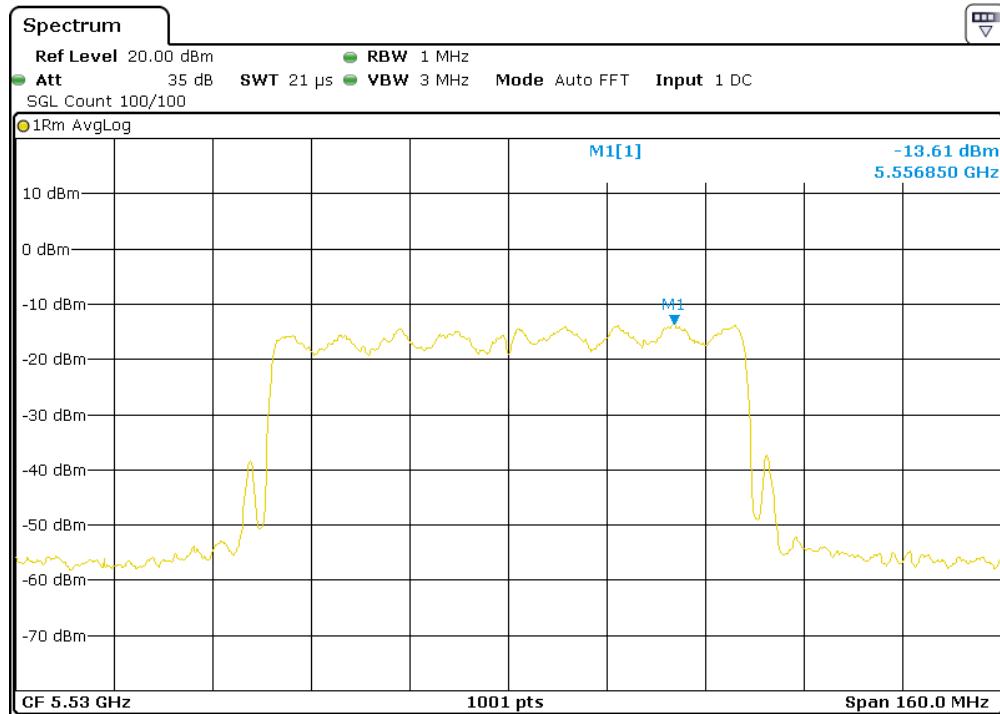
Channel 58



802.11 ac(VHT80)

Antenna B

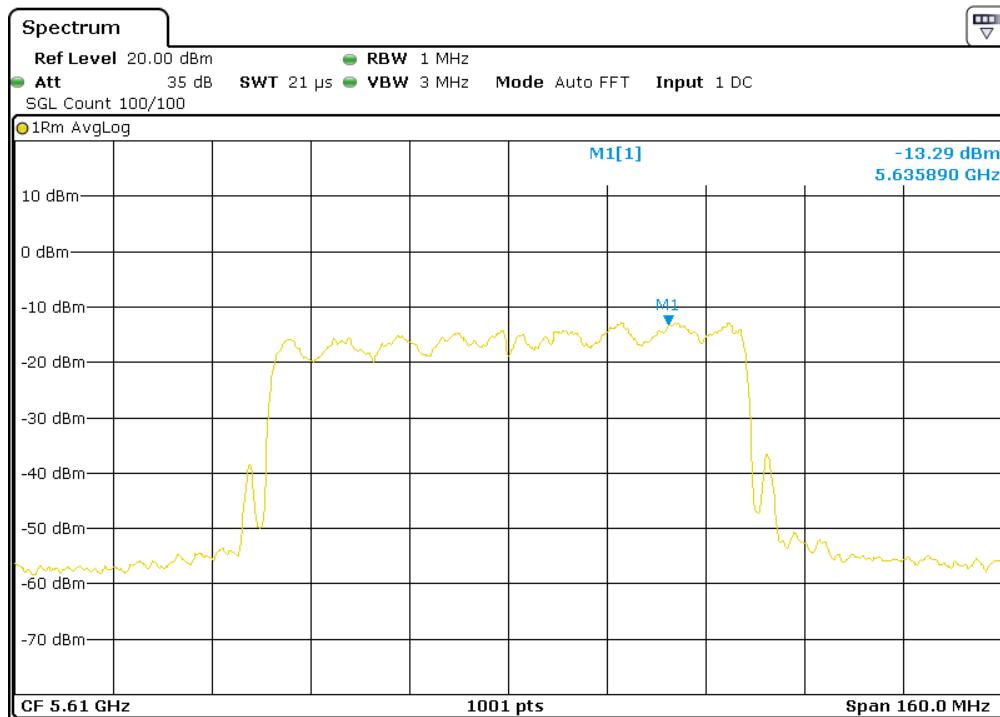
Channel 106



802.11 ac(VHT80)

Antenna B

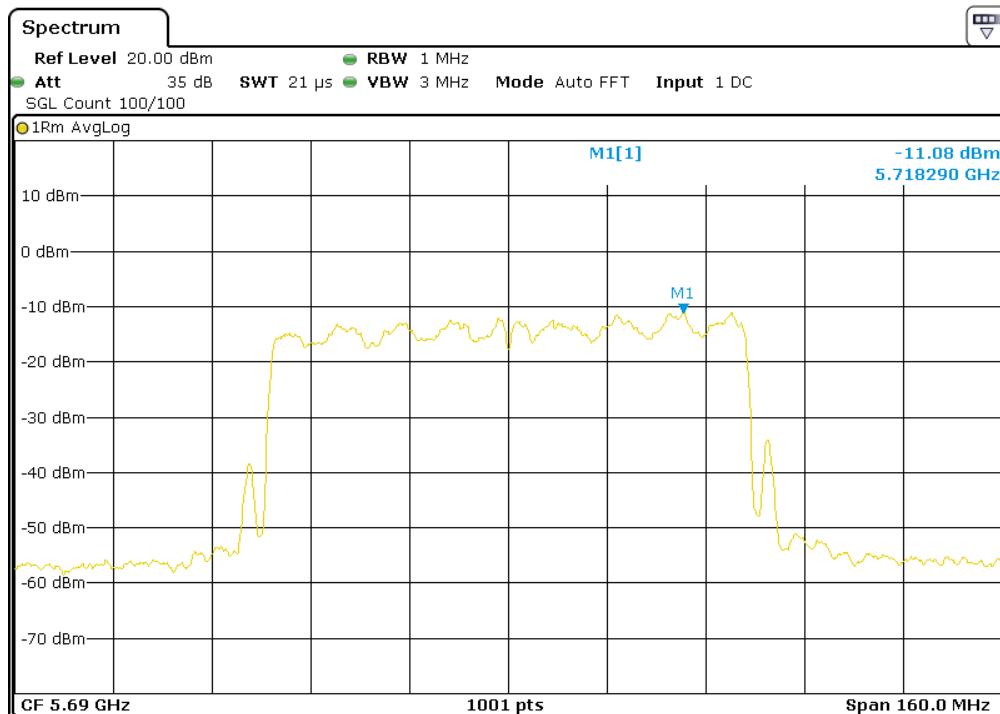
Channel 122



802.11 ac(VHT80)

Antenna B

Channel 138



802.11 ac(VHT80)

Antenna B

Channel 155

