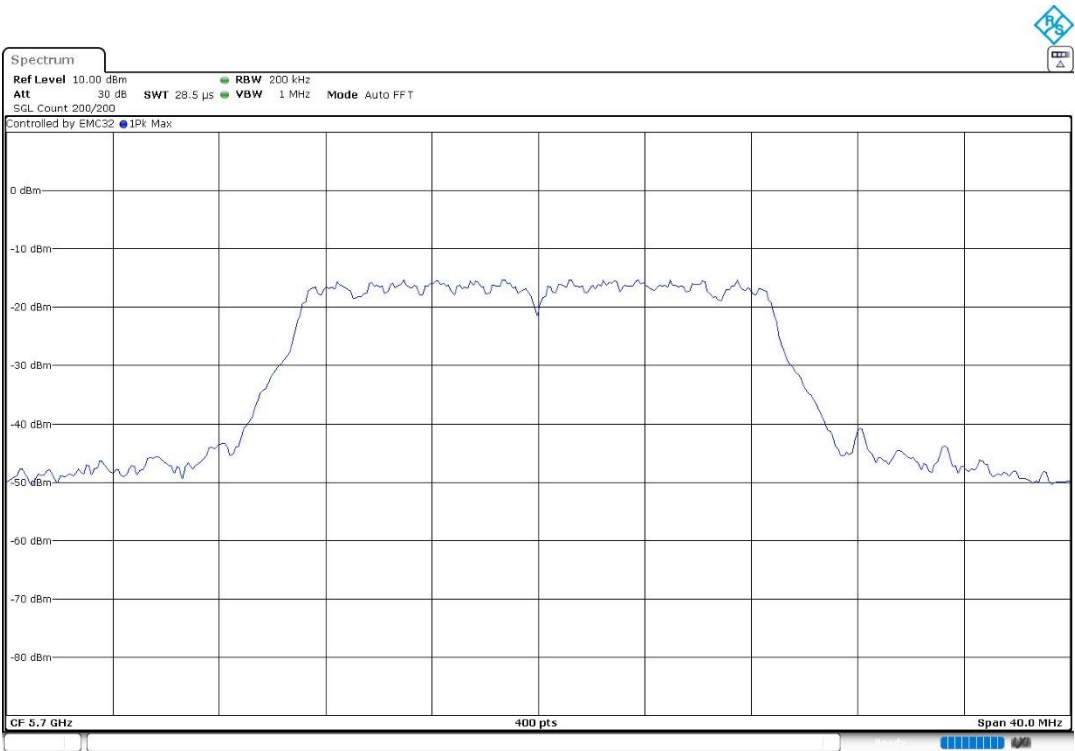
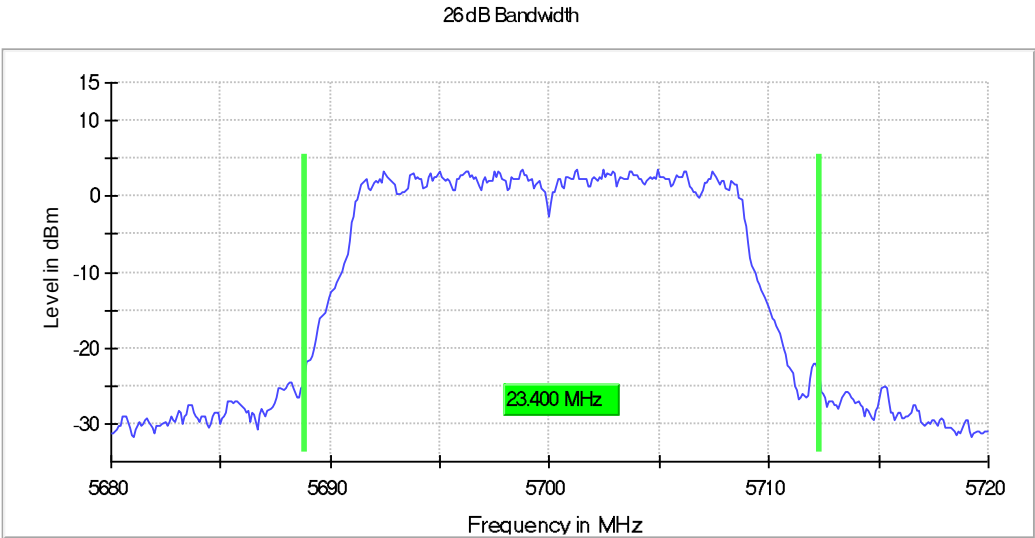
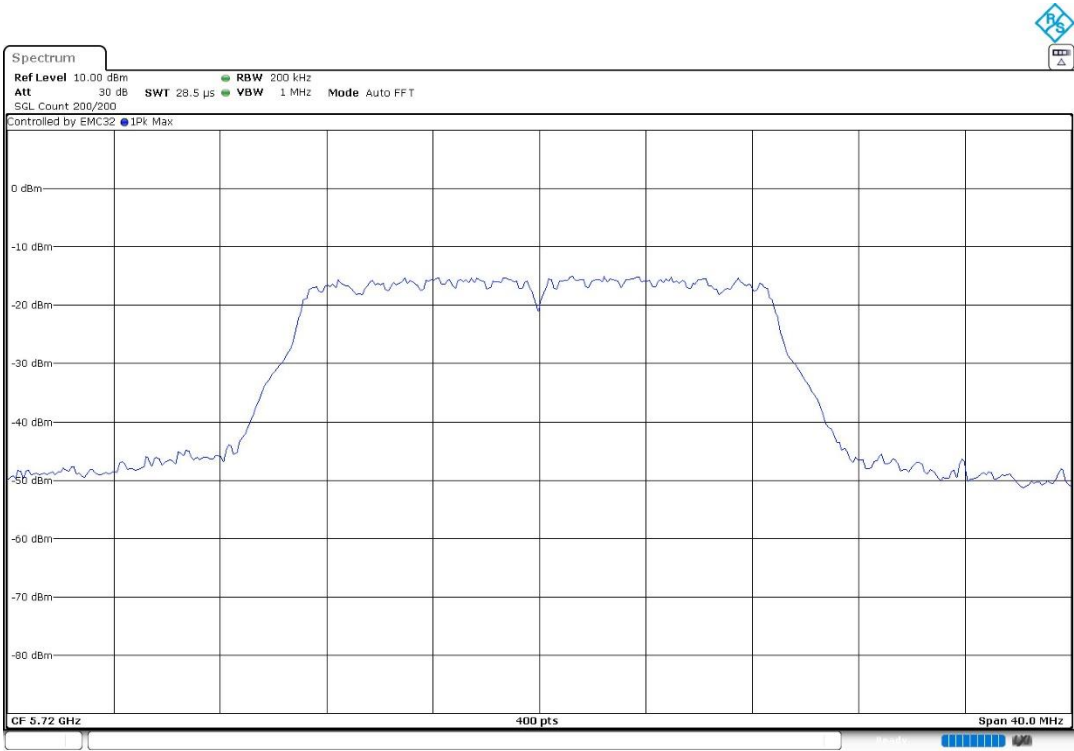
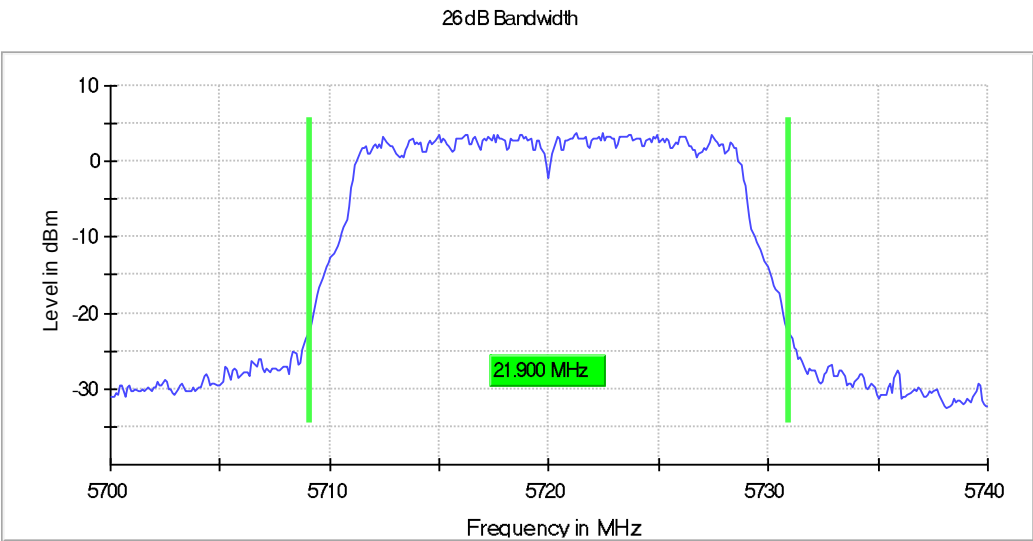


- High Channel 140 (5700 MHz):

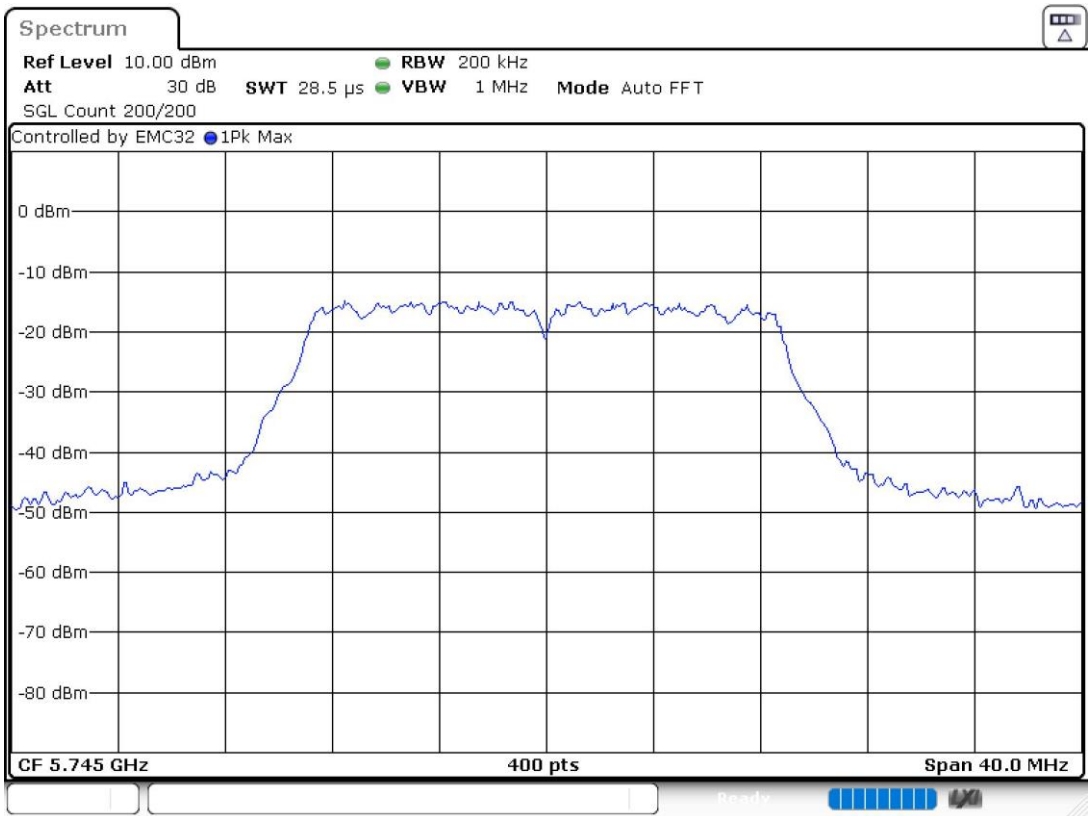
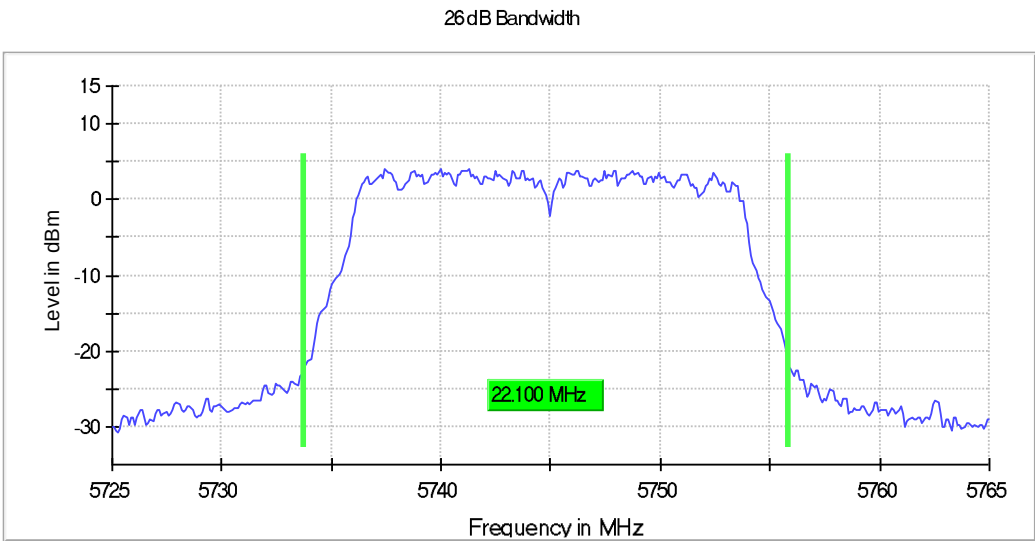


- Straddle Channel 142 (5720 MHz):

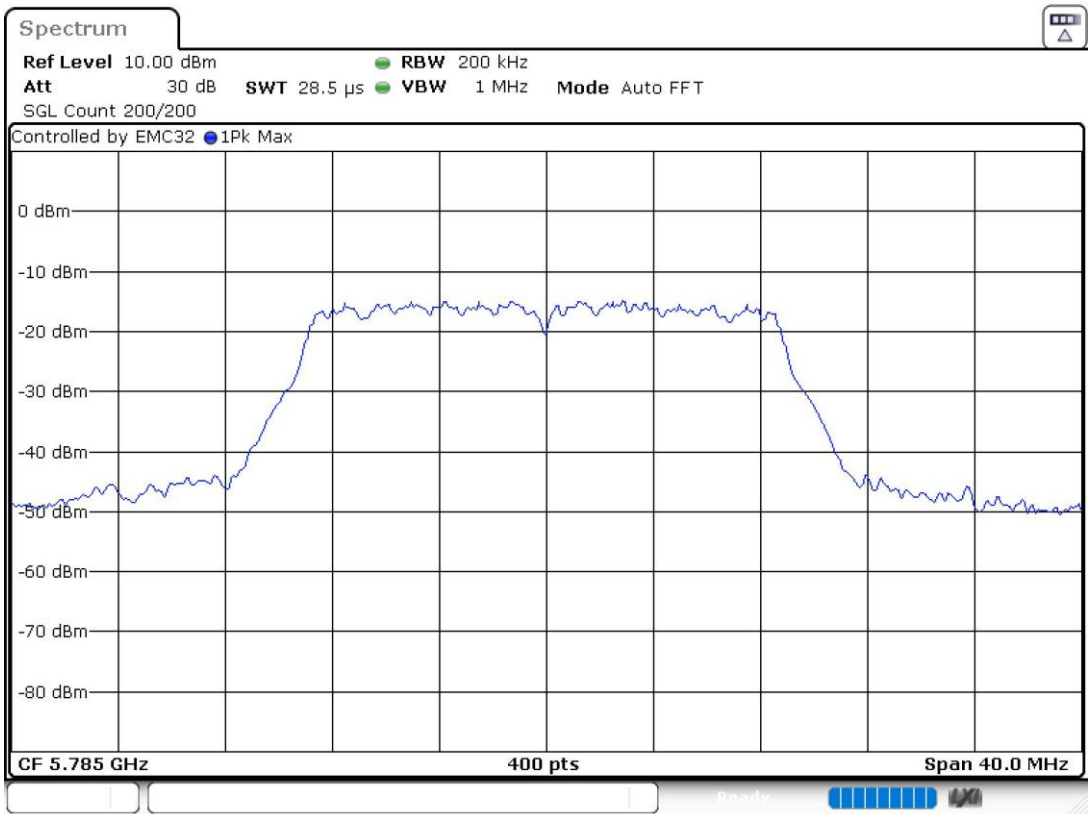
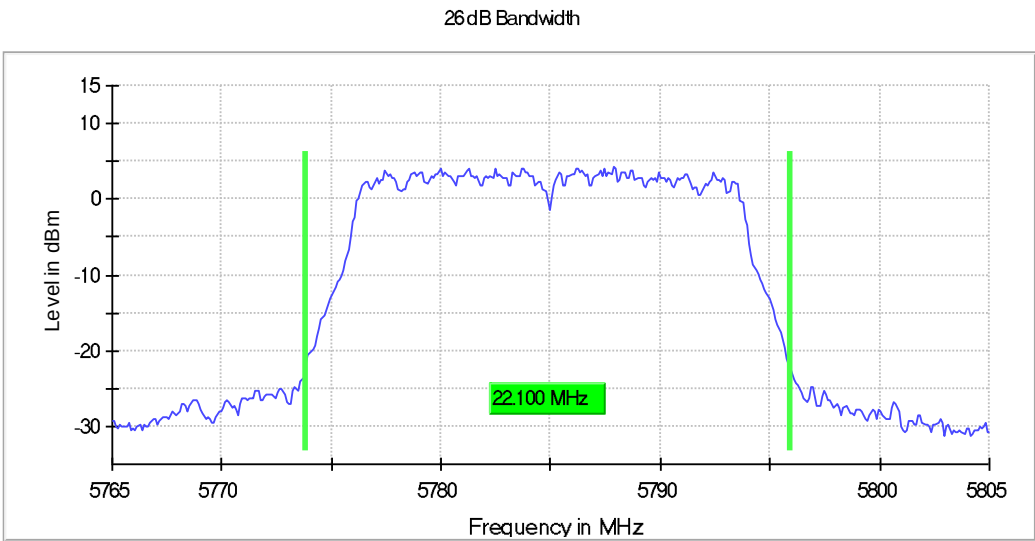


U-NII-3 (5725-5850 MHz)

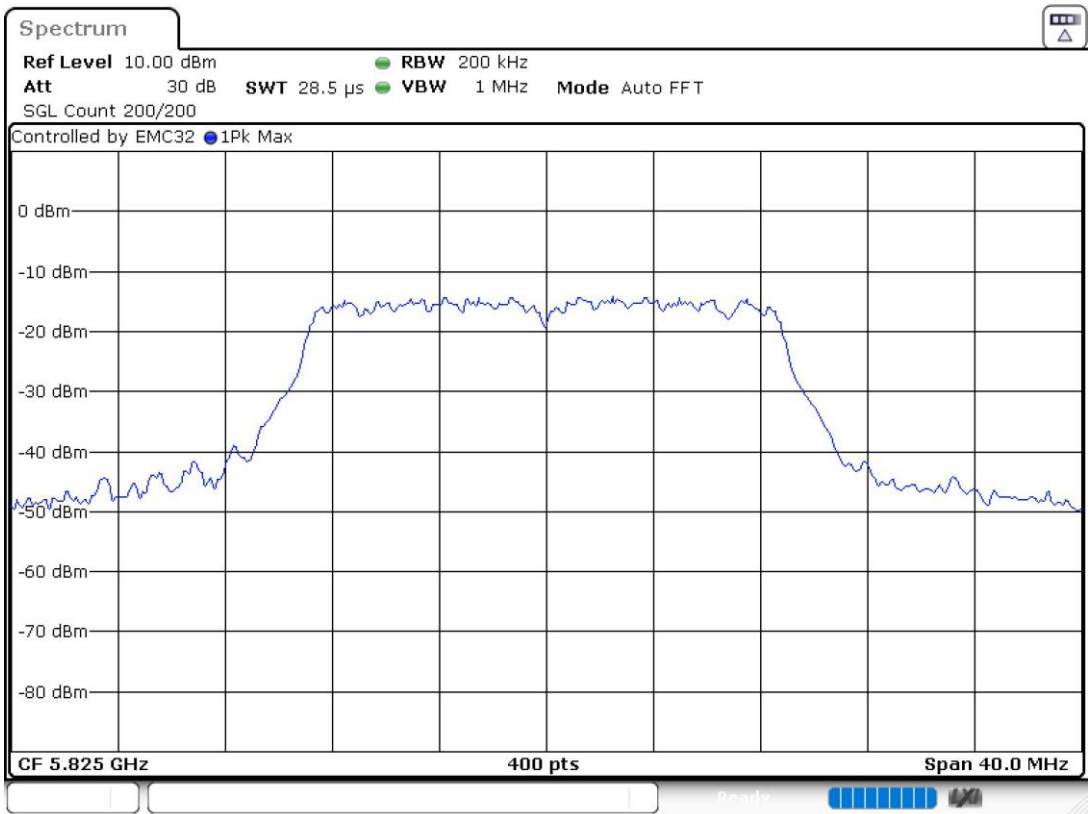
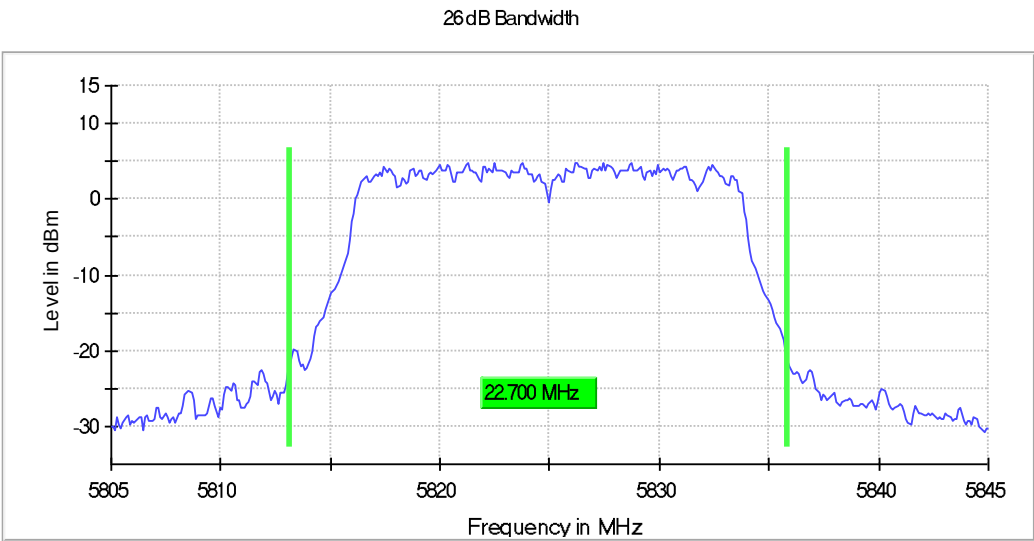
- Low Channel 149 (5745 MHz):



- Middle Channel 157 (5785 MHz):



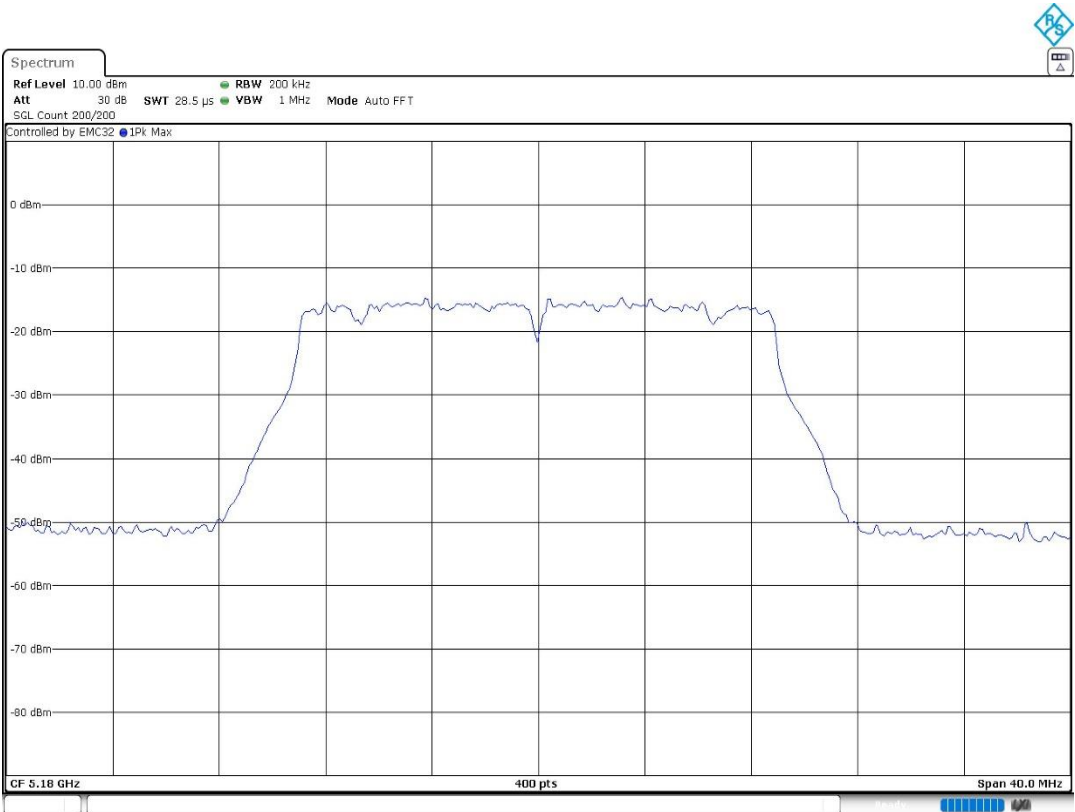
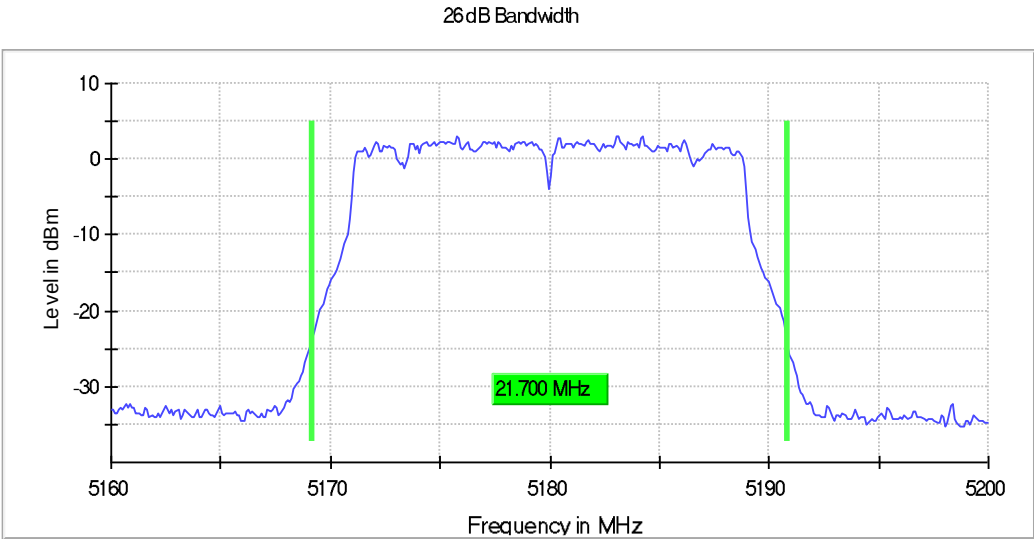
- High Channel 165 (5825 MHz):



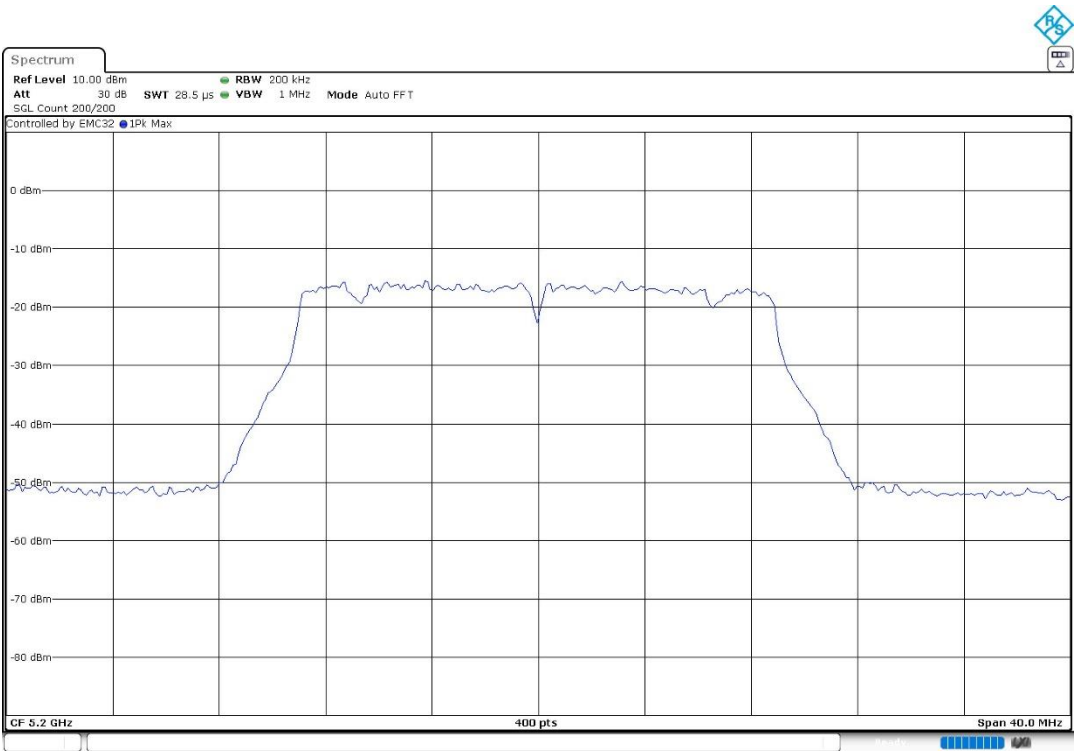
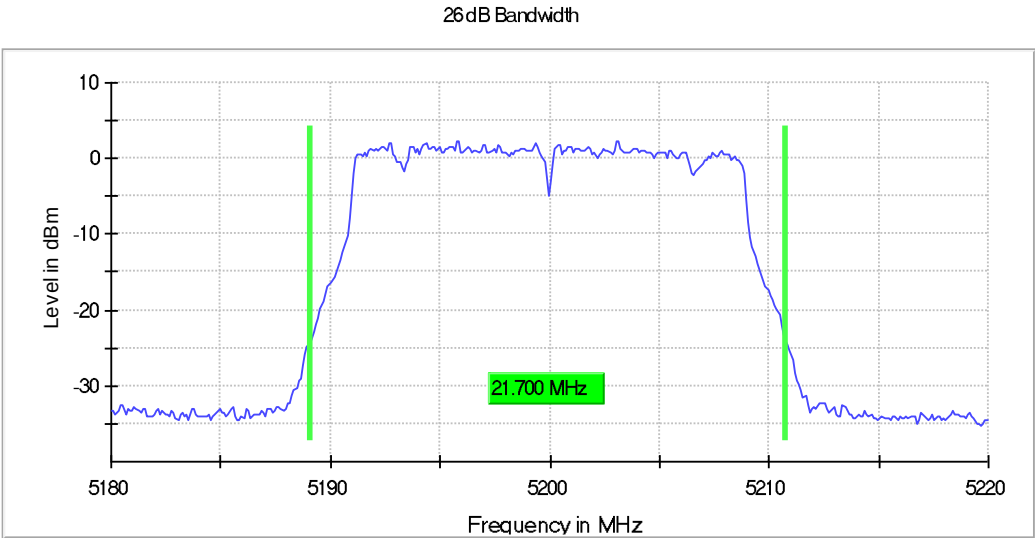
SISO 802.11 ac20 (VHT20):

U-NII-1 (5150-5250 MHz)

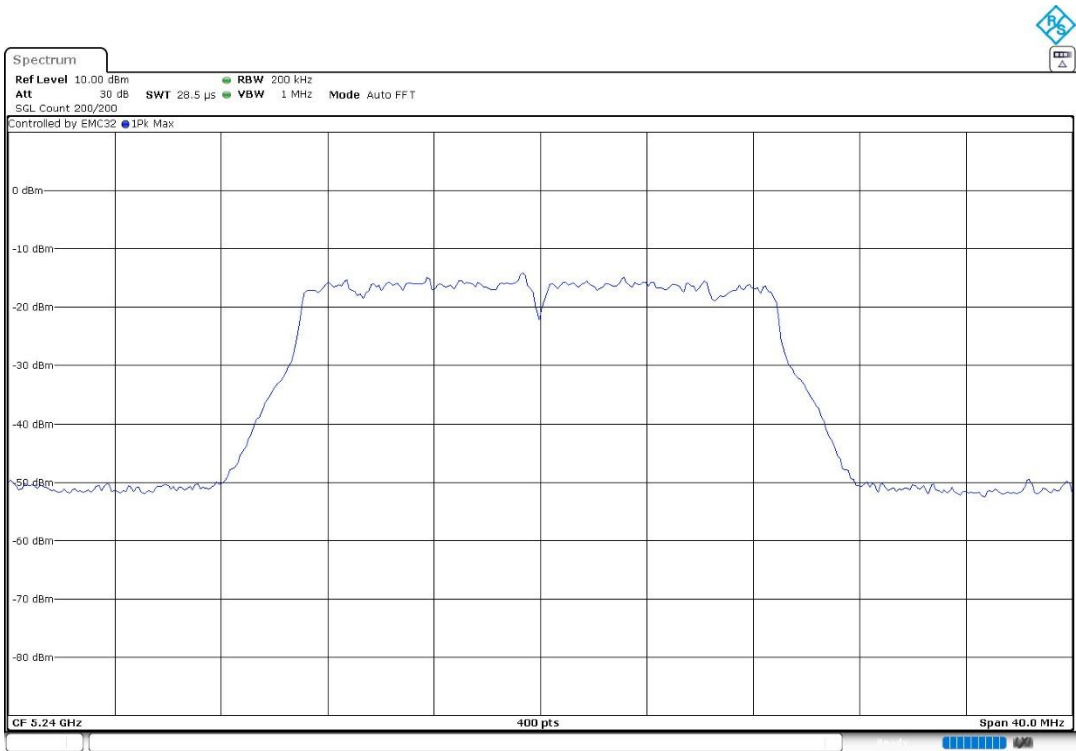
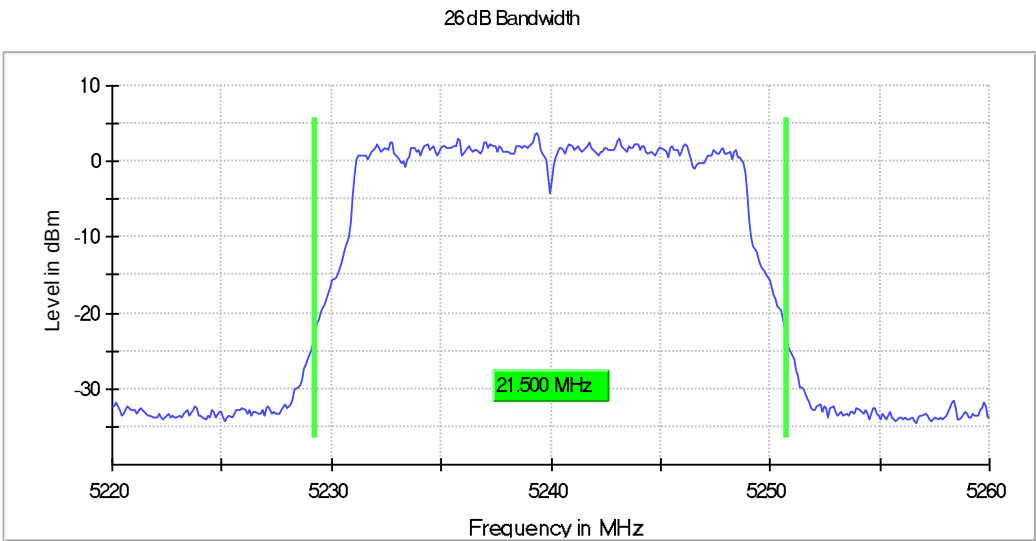
- Low Channel 36 (5180 MHz):



- Middle Channel 40 (5200 MHz):

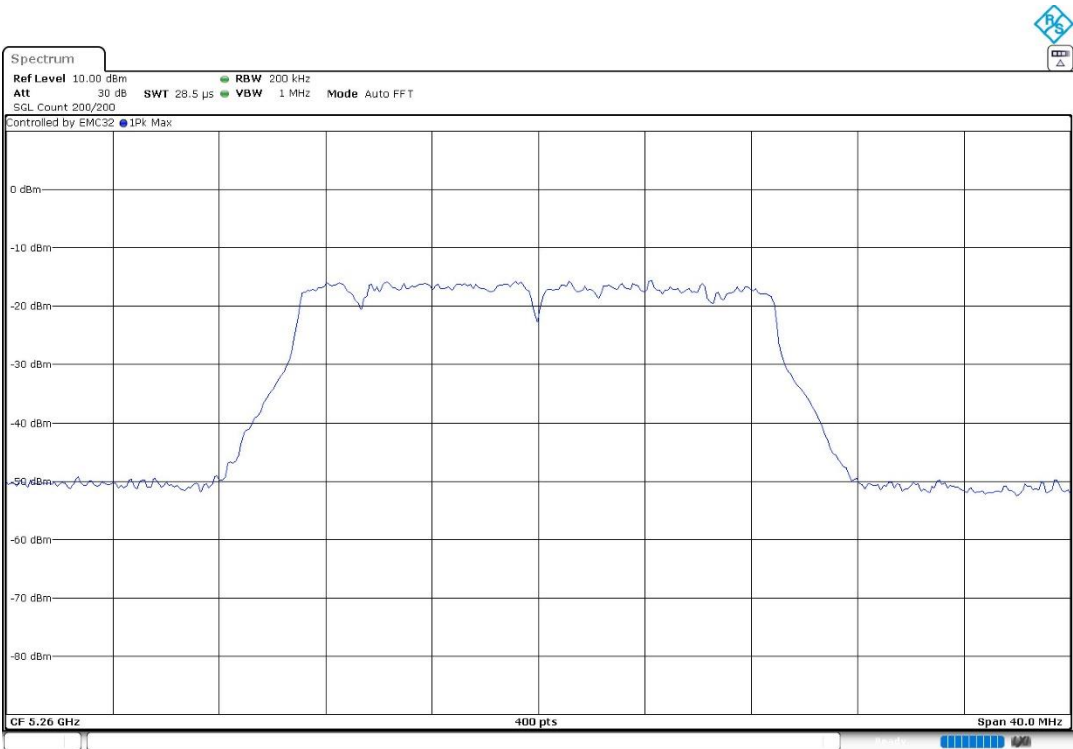
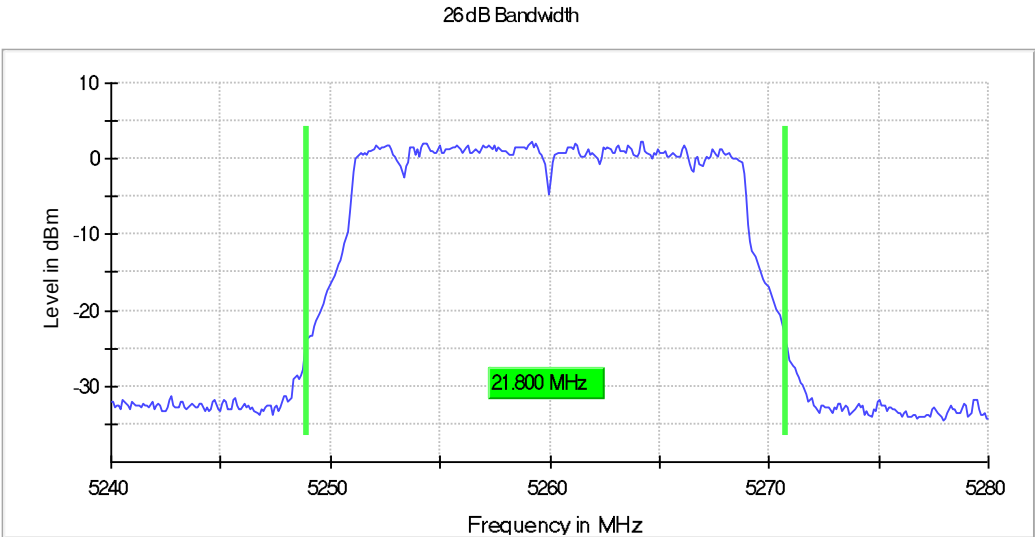


- High Channel 48 (5240 MHz):

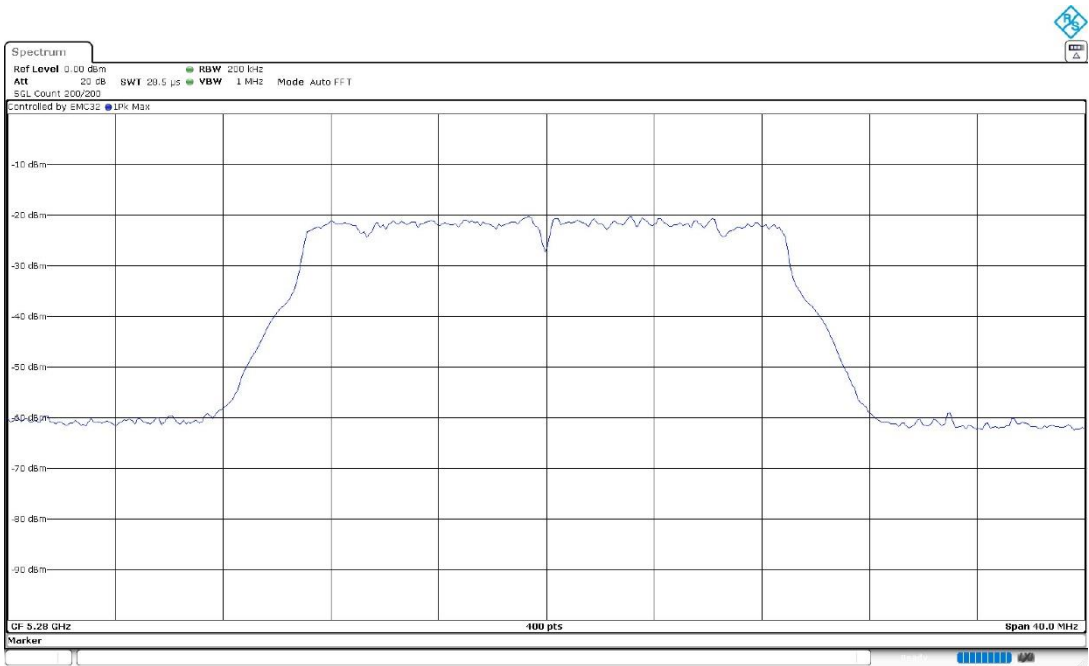
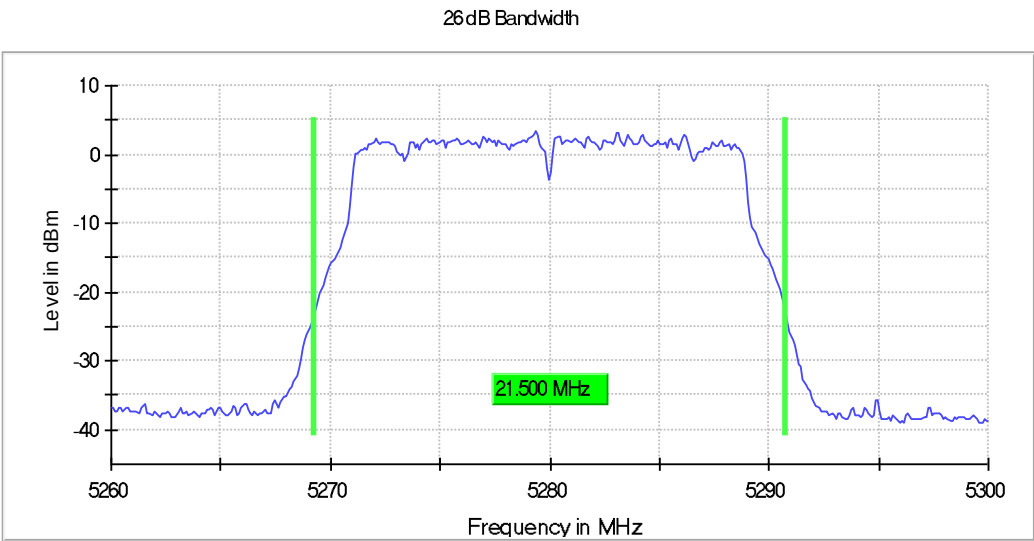


U-NII-2A (5250-5350 MHz)

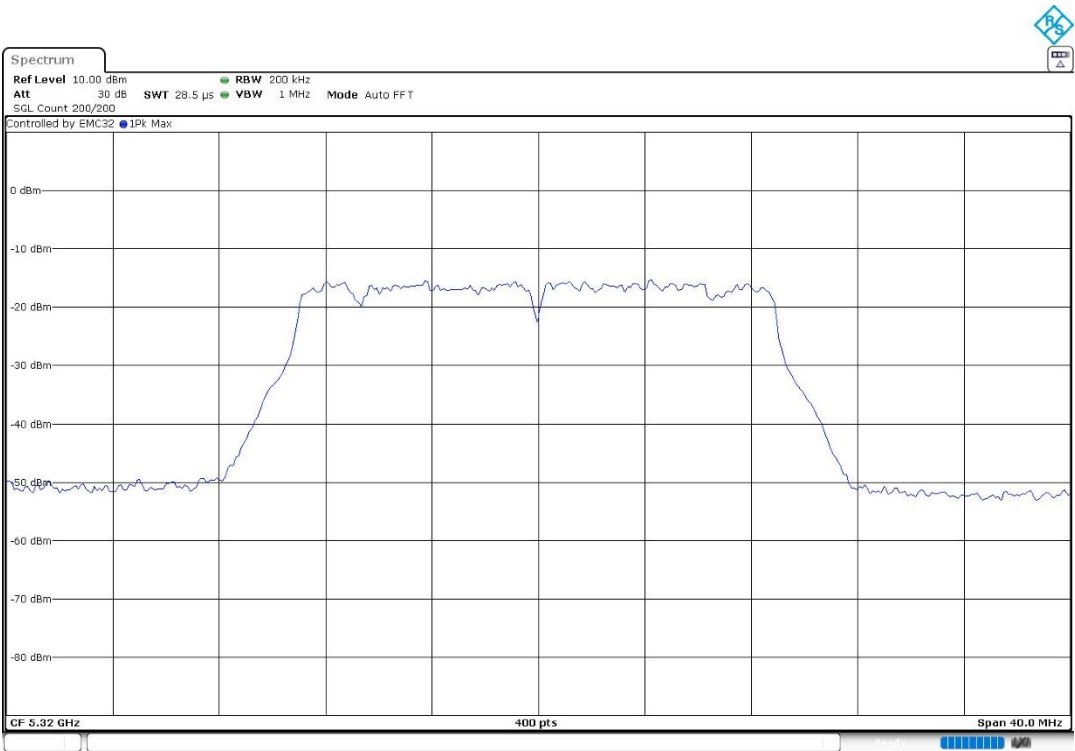
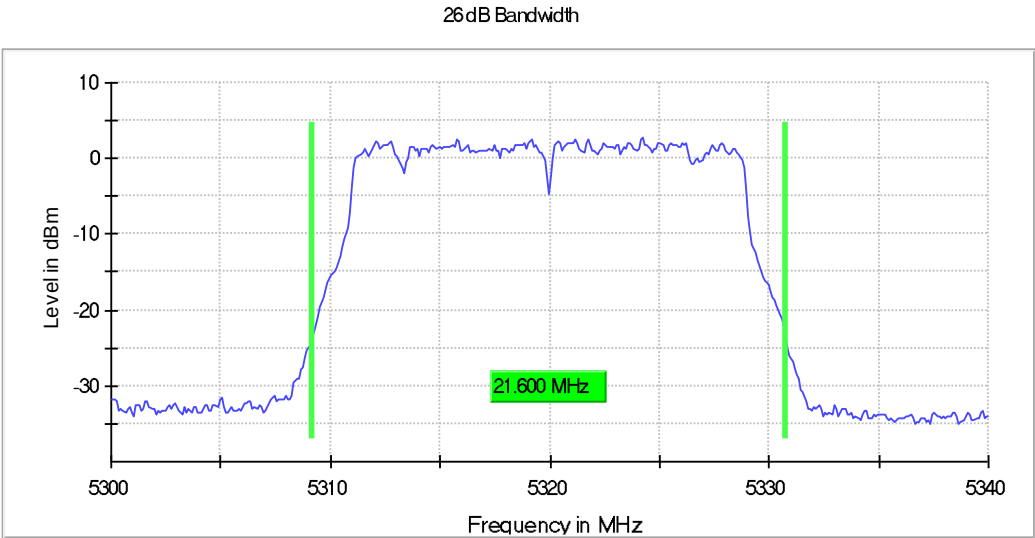
- Low Channel 52 (5260 MHz):



- Middle Channel 56 (5280 MHz):

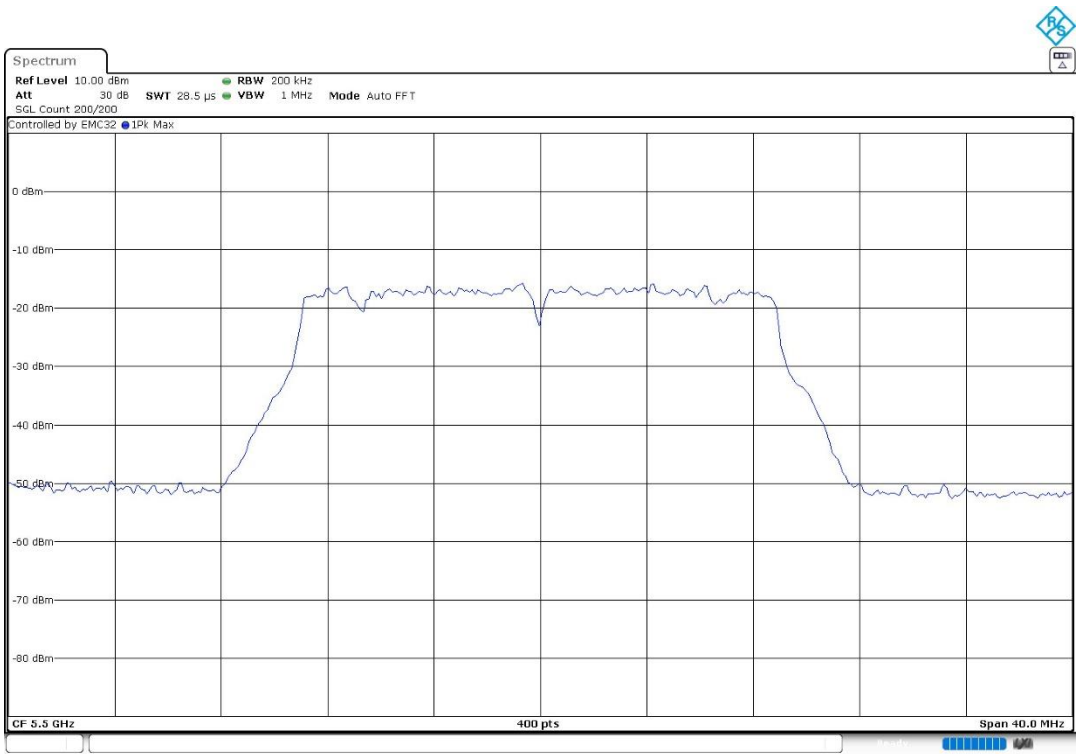
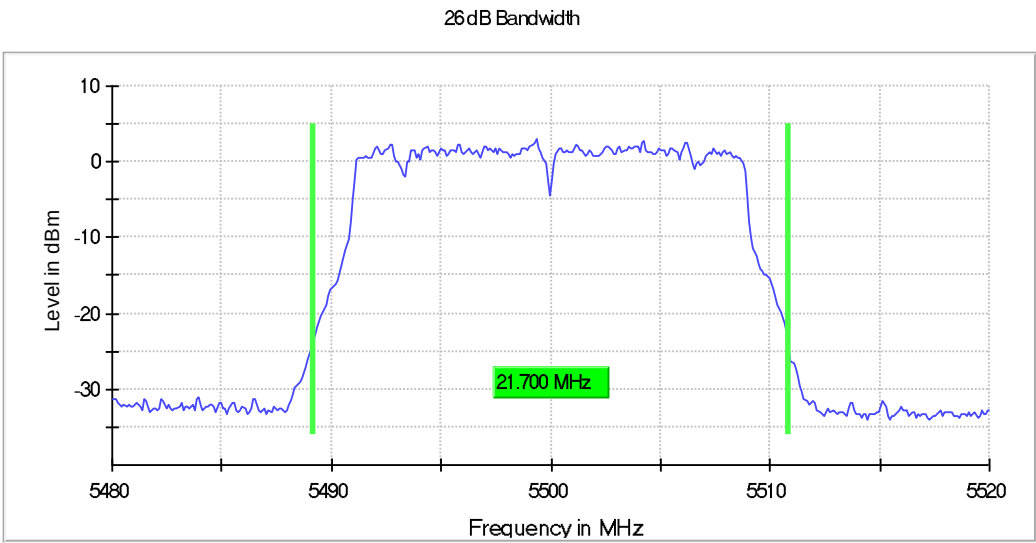


- High Channel 64 (5320 MHz):

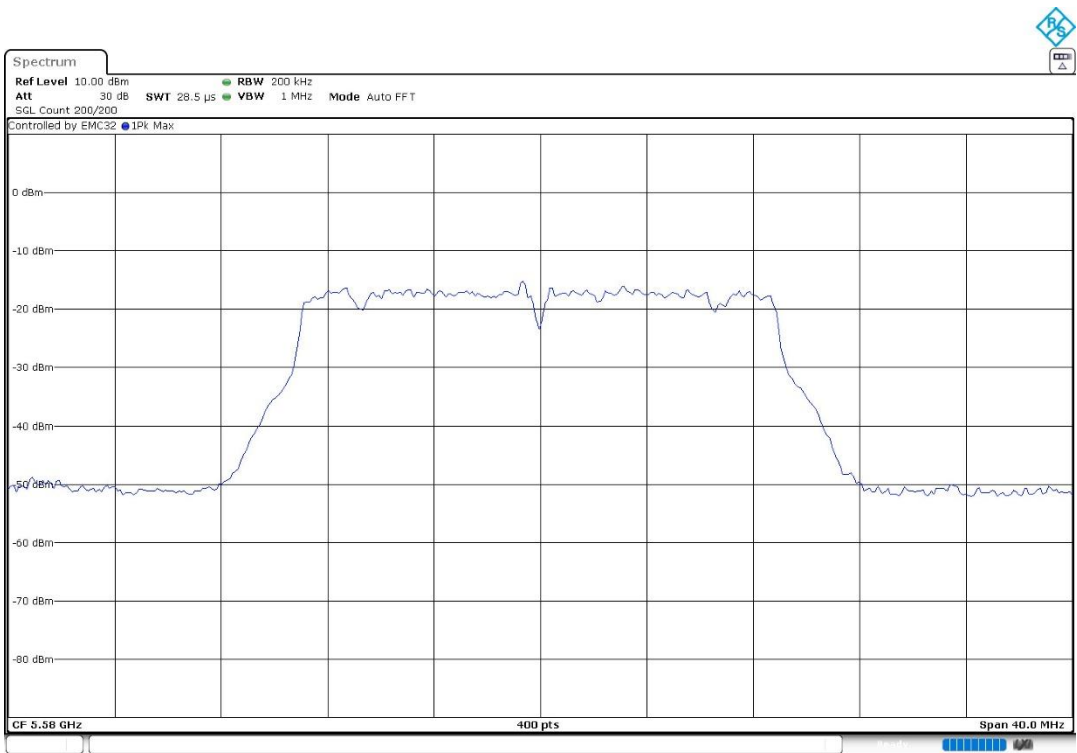
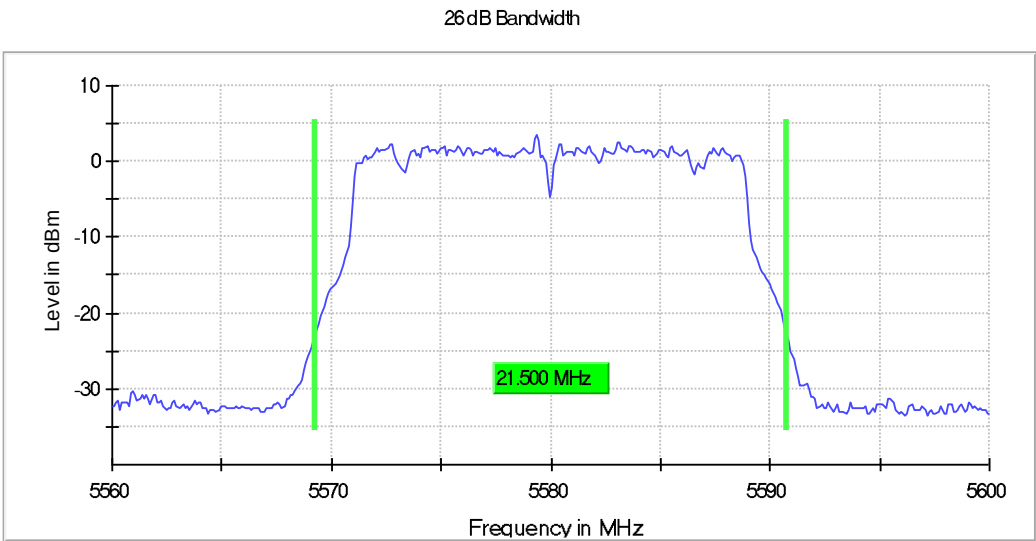


U-NII-2C (5470-5725 MHz)

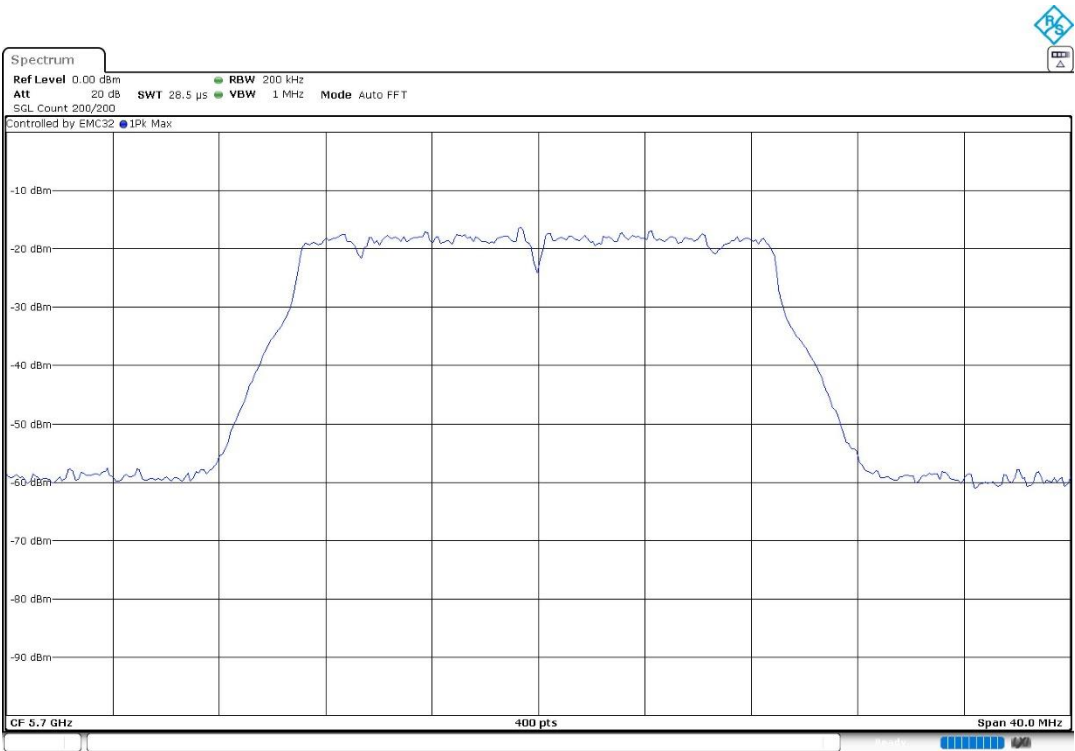
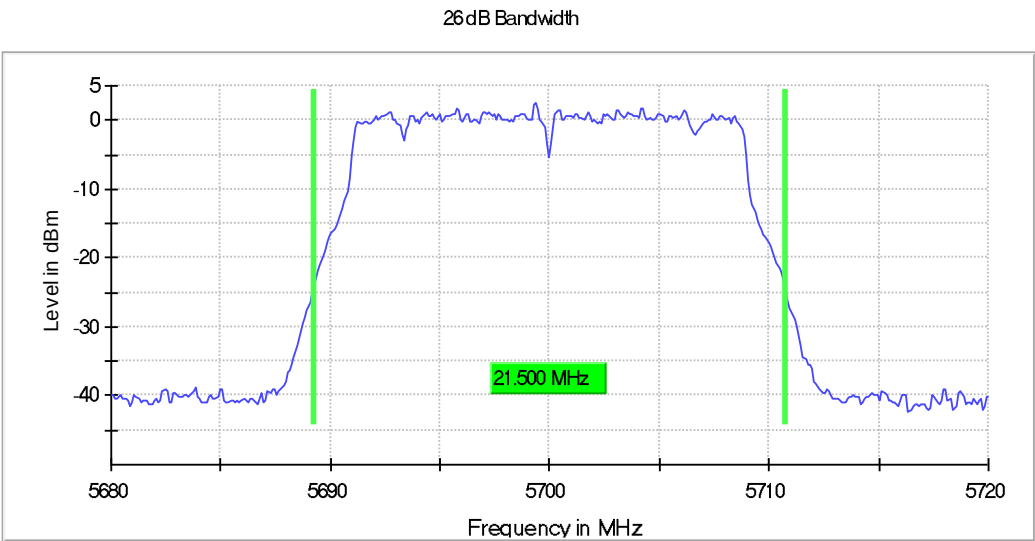
- Low Channel 100 (5500 MHz):



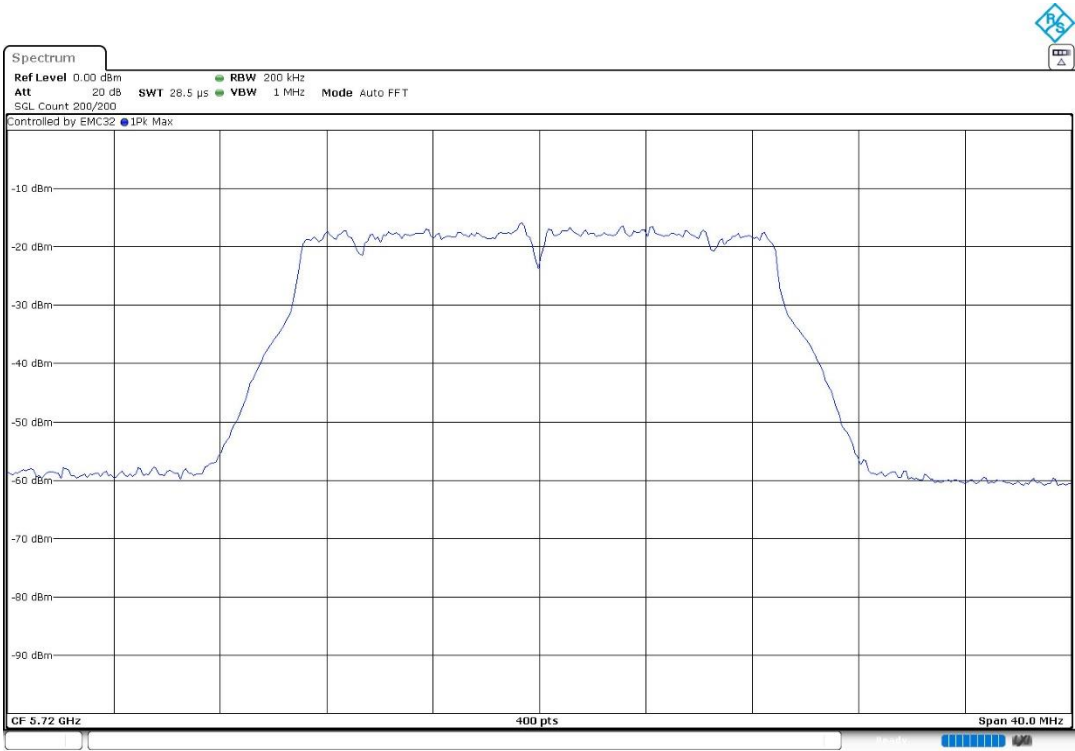
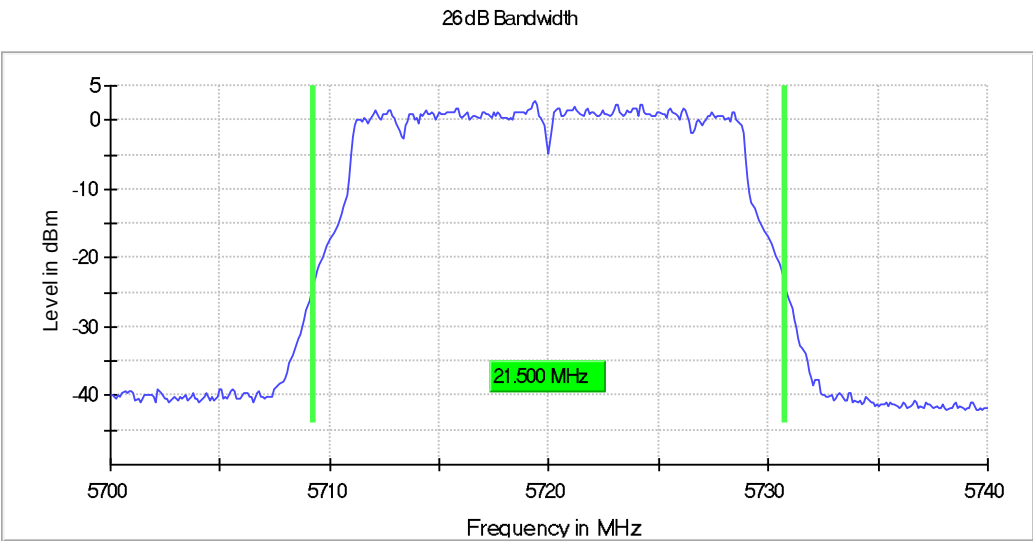
- Middle Channel 116 (5580 MHz):



- High Channel 140 (5700 MHz):

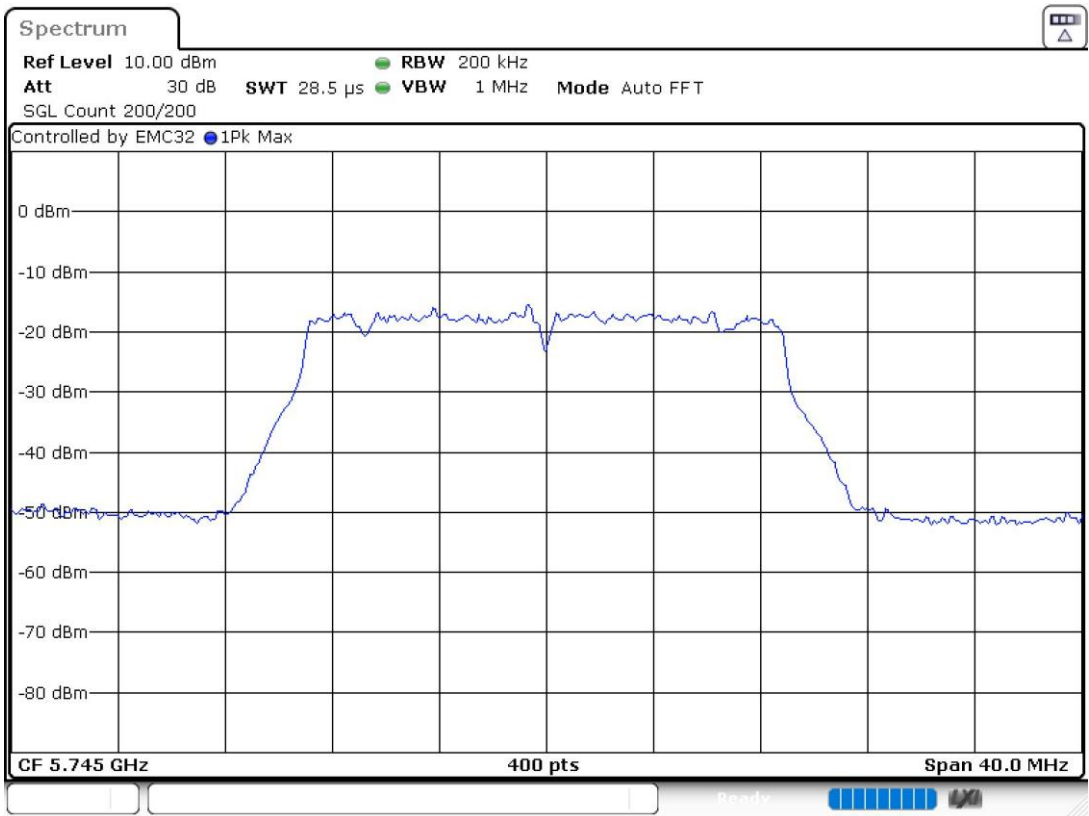
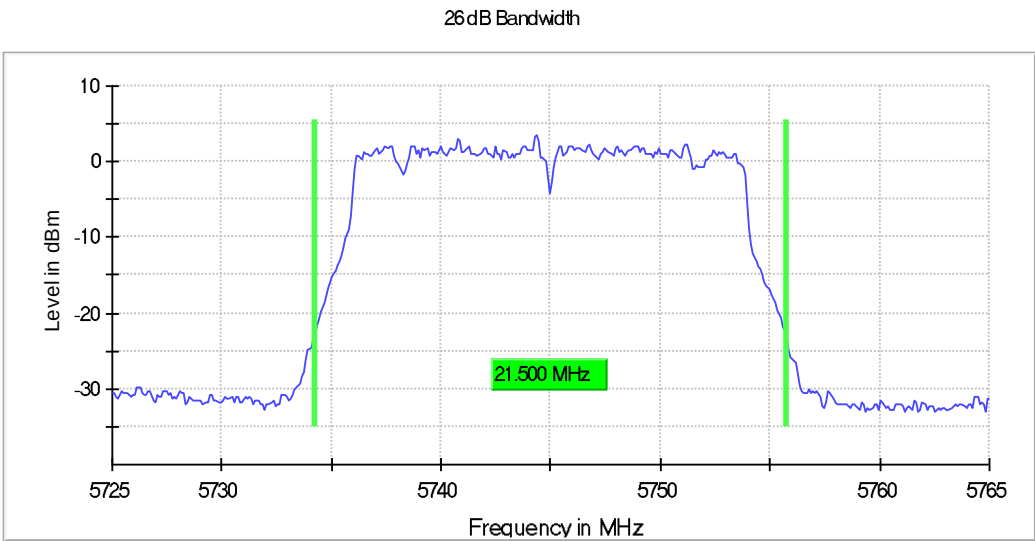


- Straddle Channel 142 (5720 MHz):

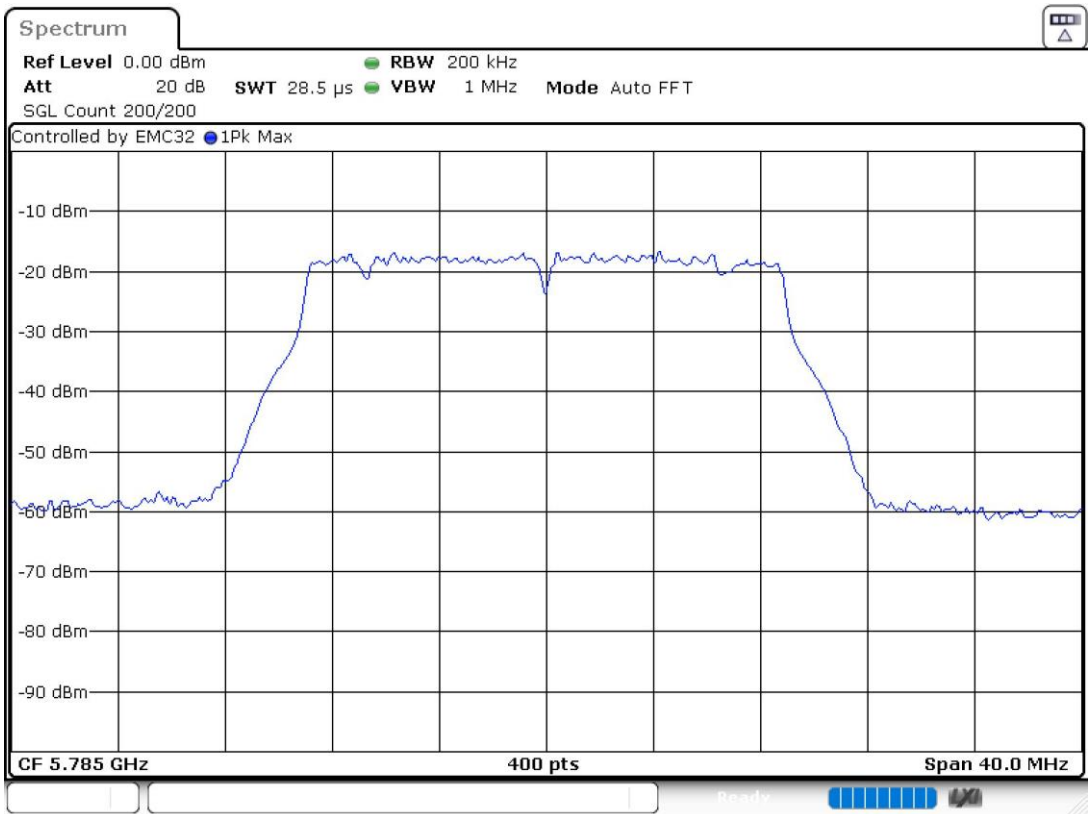
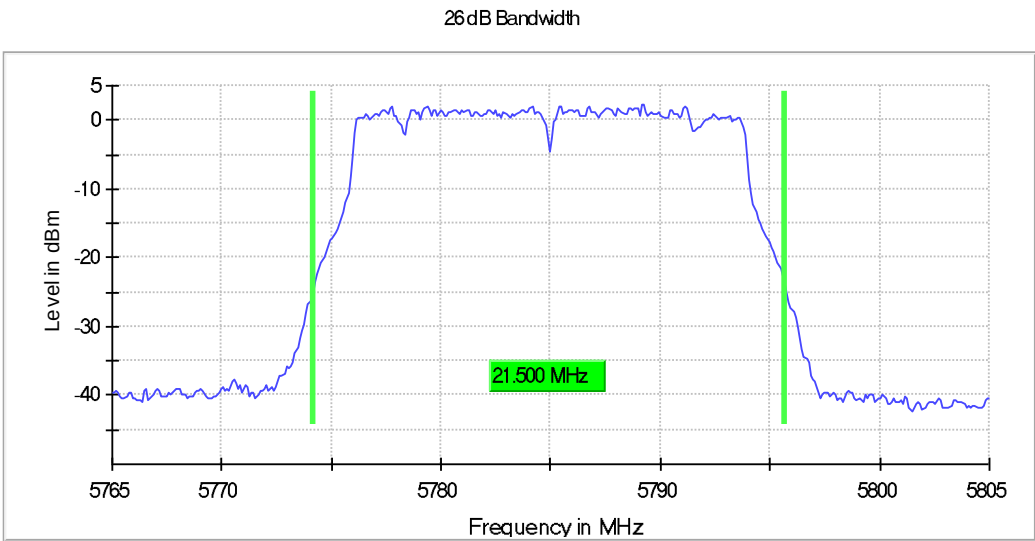


U-NII-3 (5725-5850 MHz)

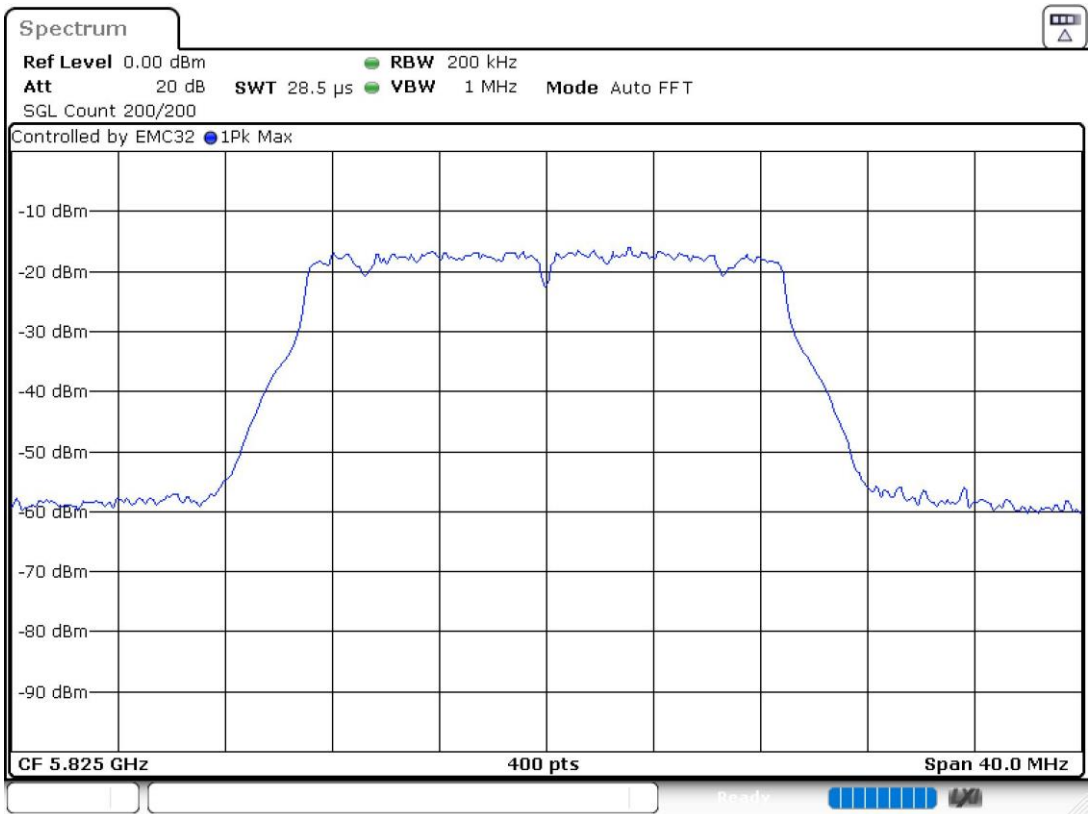
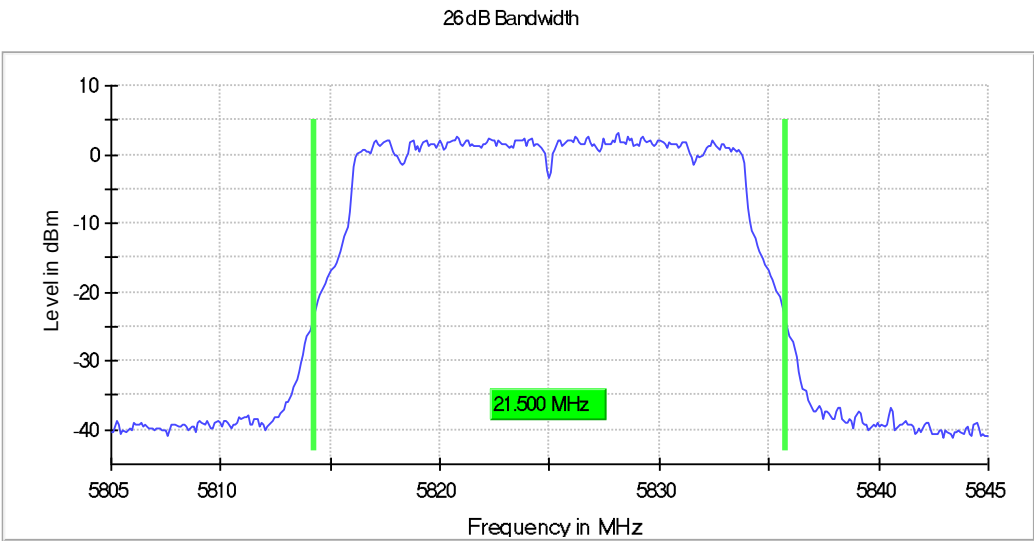
- Low Channel 149 (5745 MHz):



- Middle Channel 157 (5785 MHz):



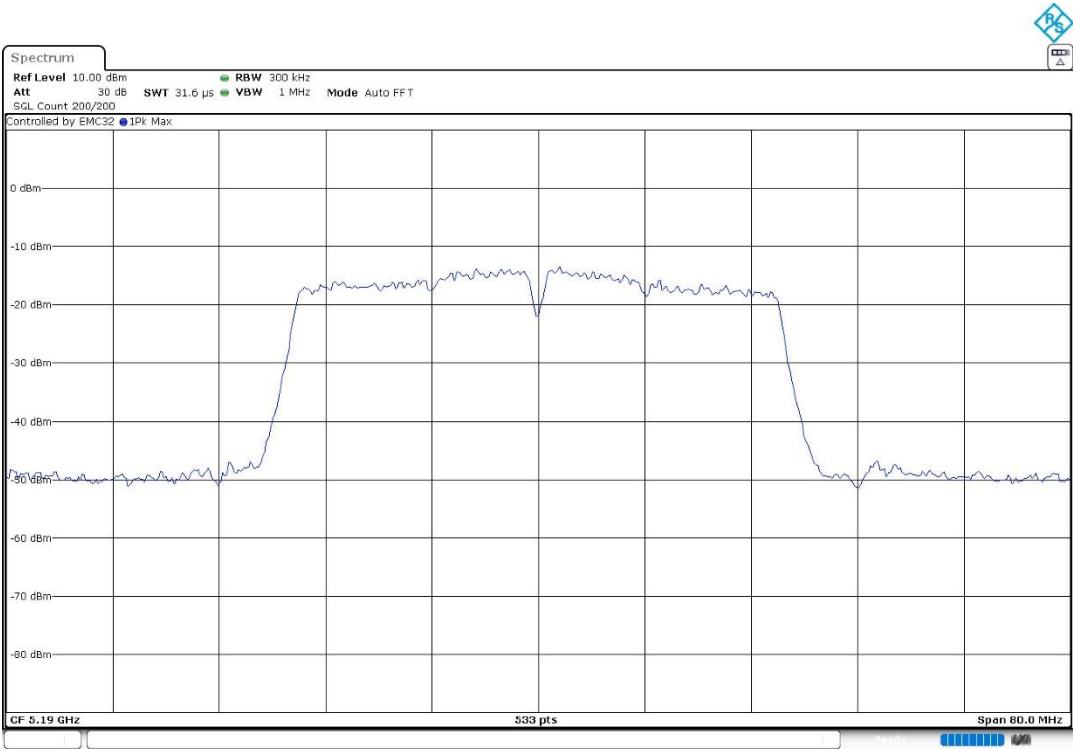
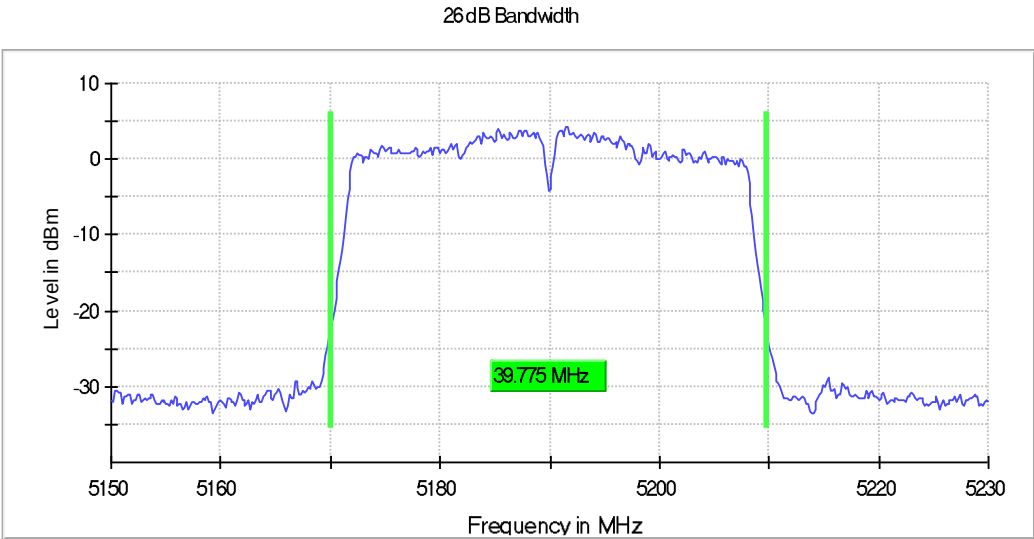
- High Channel 165 (5825 MHz):



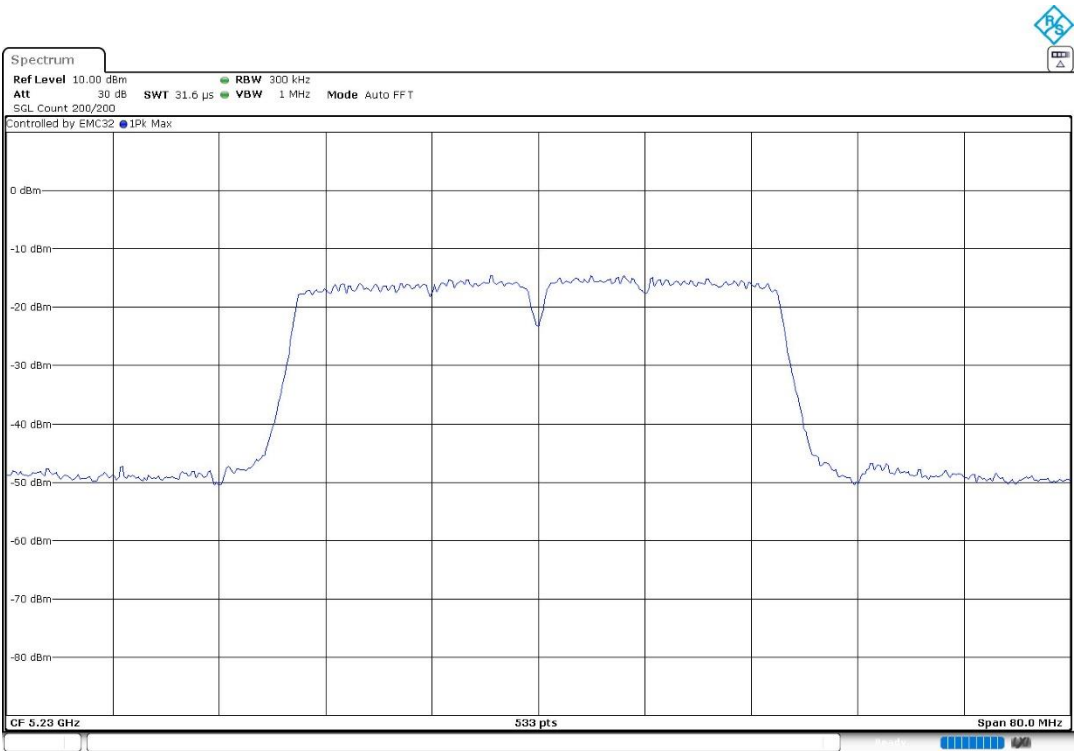
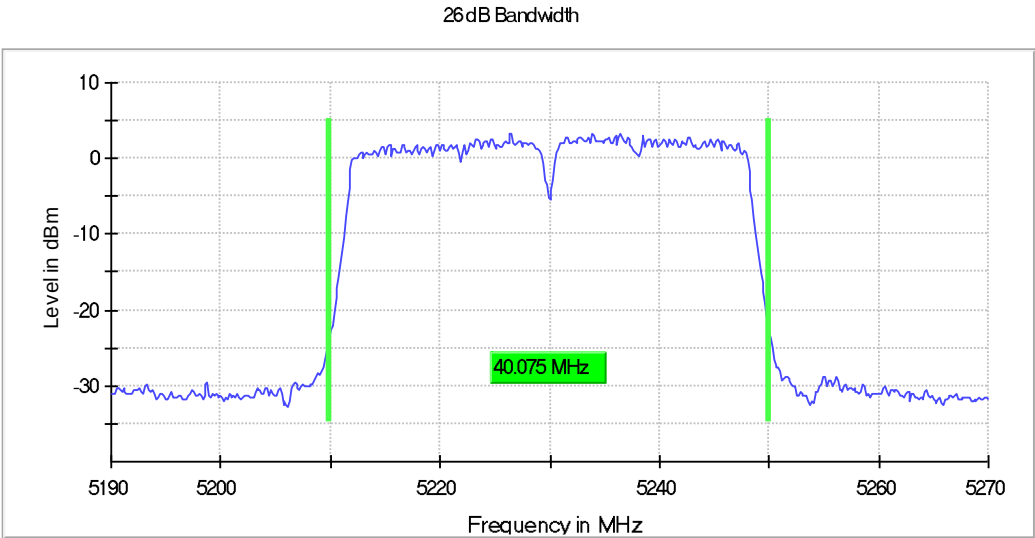
SISO 802.11 n40 (HT40):

U-NII-1 (5150-5250 MHz)

- Low Channel 38 (5190 MHz):

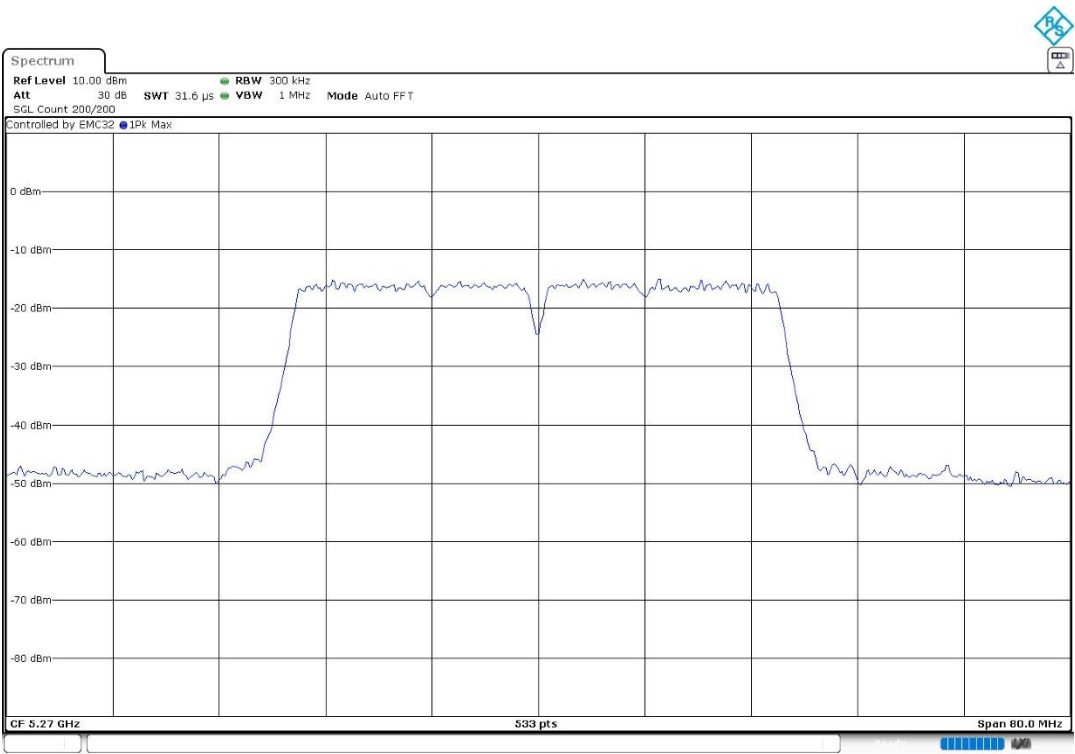
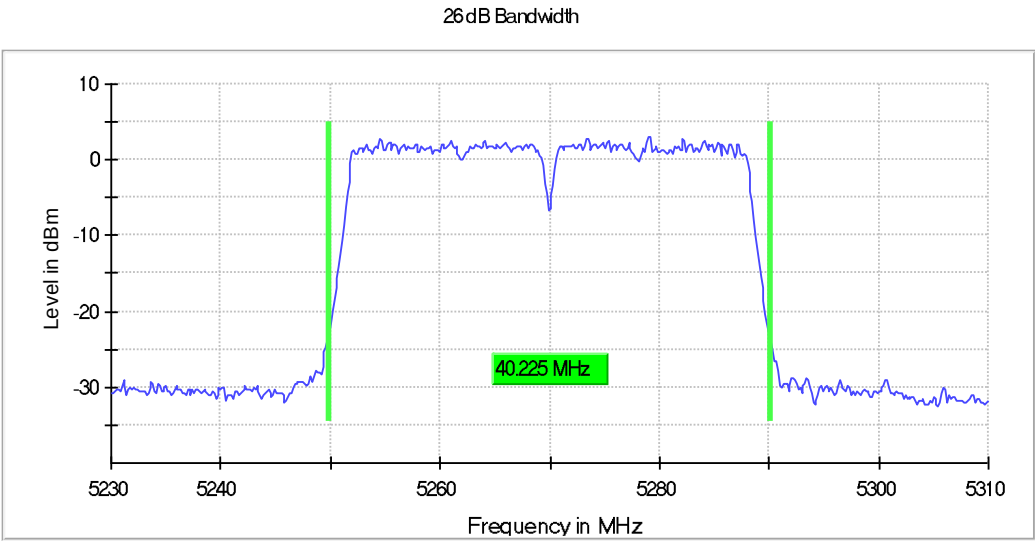


- High Channel 46 (5230 MHz):

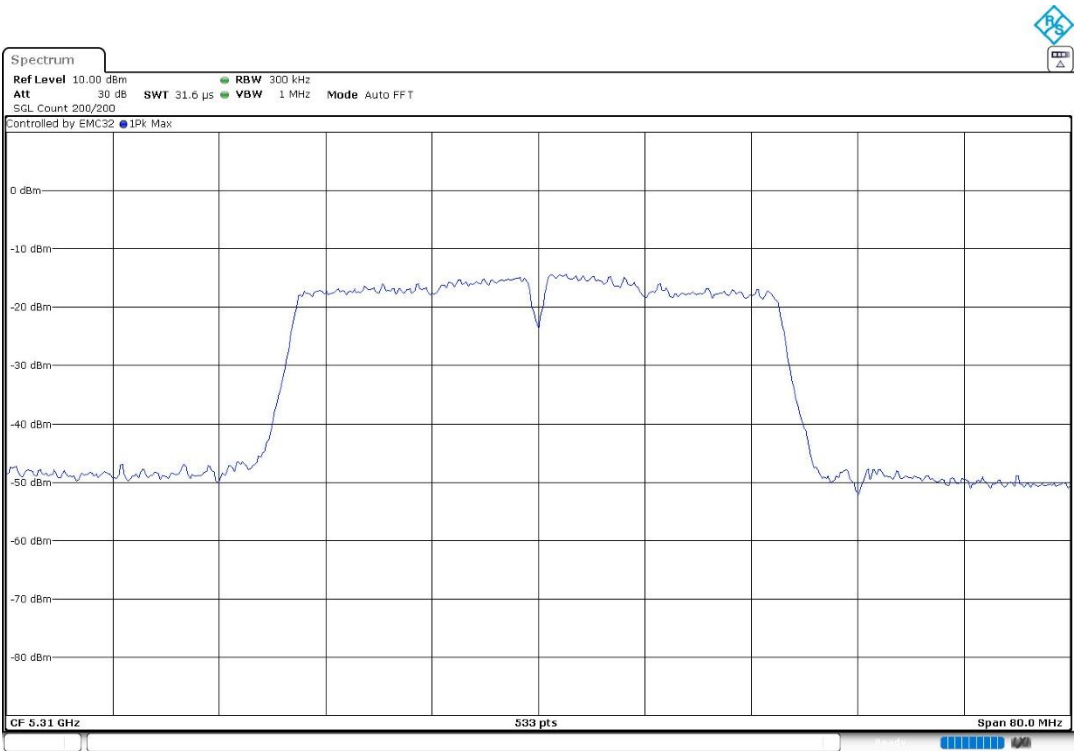
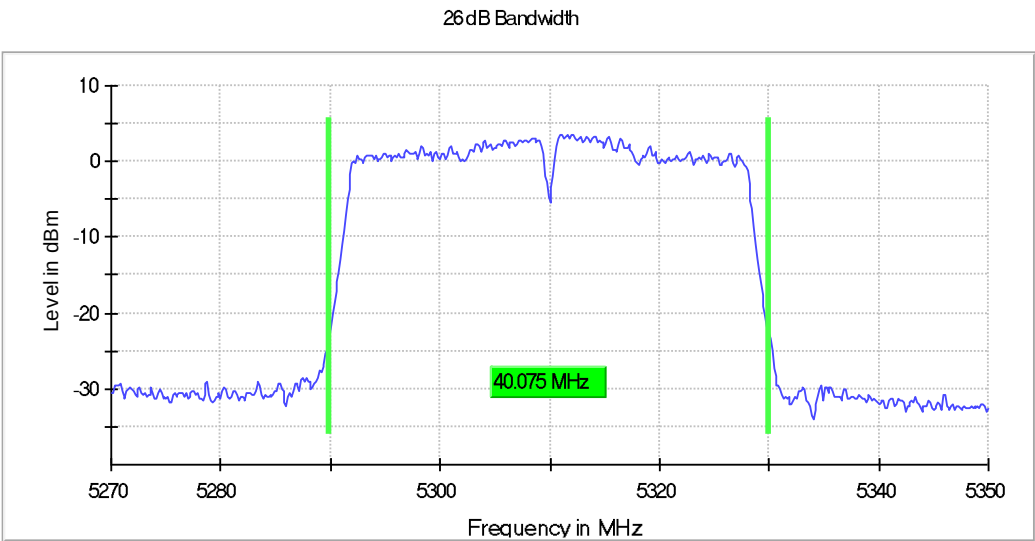


U-NII-2A (5250-5350 MHz)

- Low Channel 54 (5270 MHz):

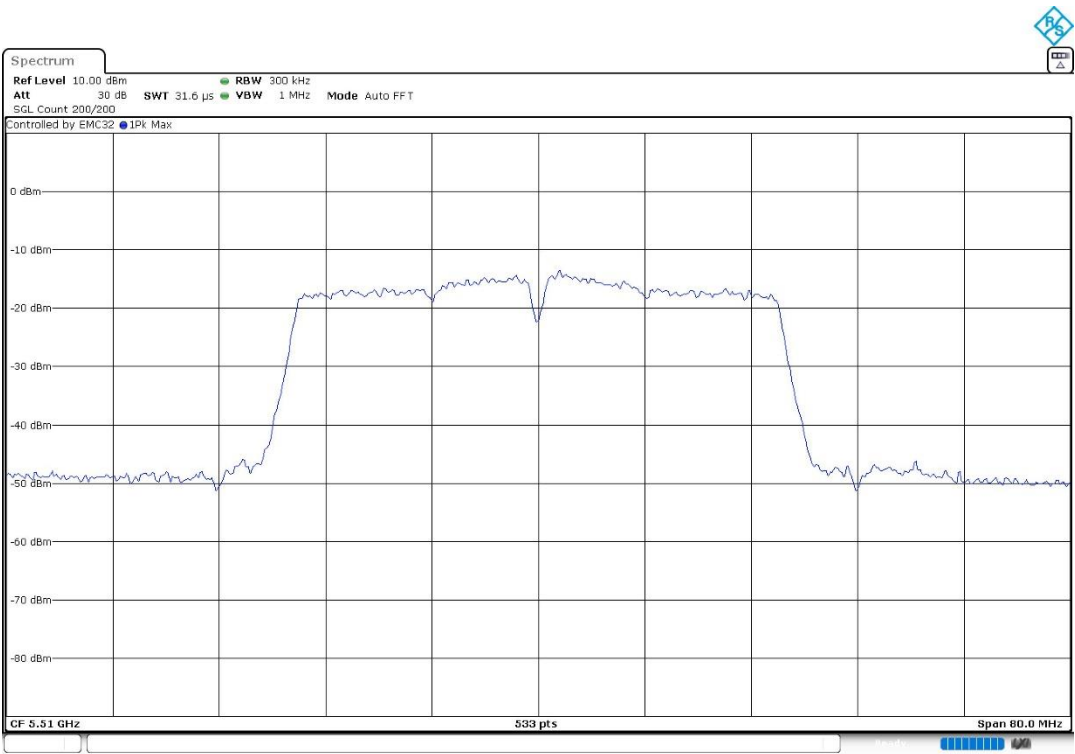
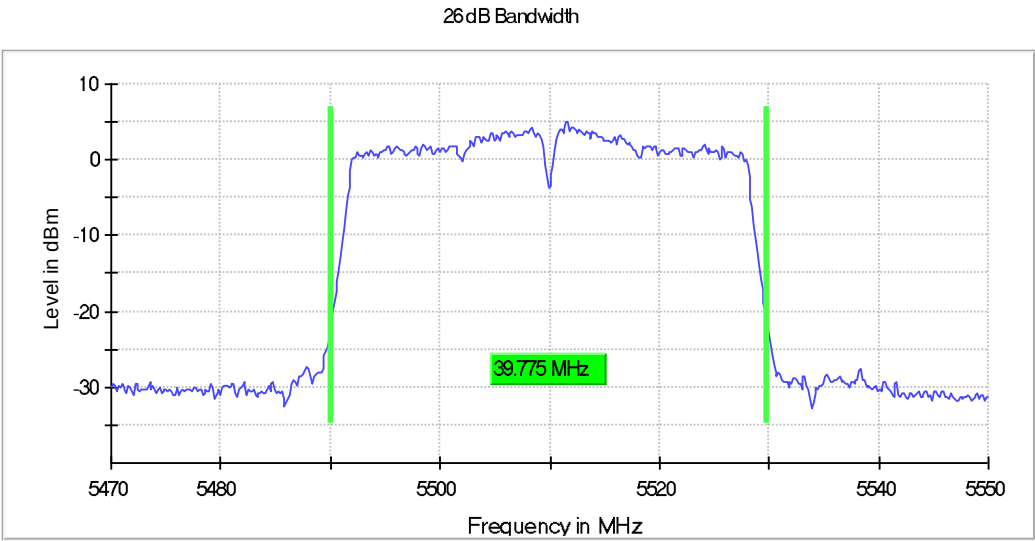


- High Channel 62 (5310 MHz):

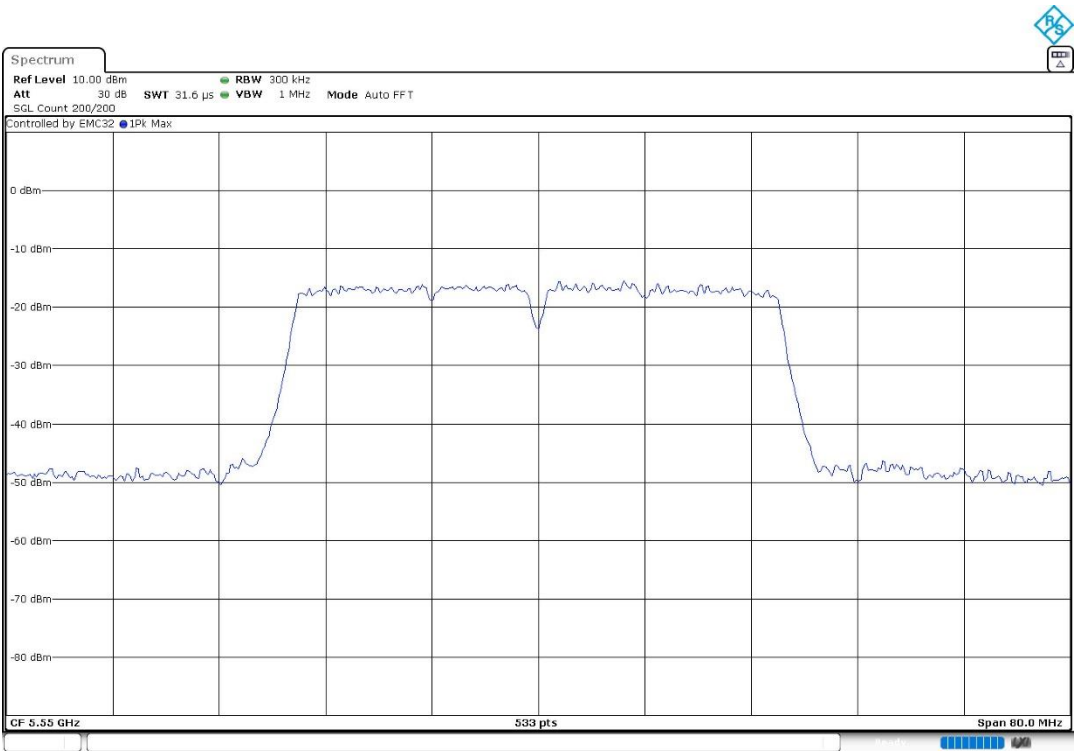
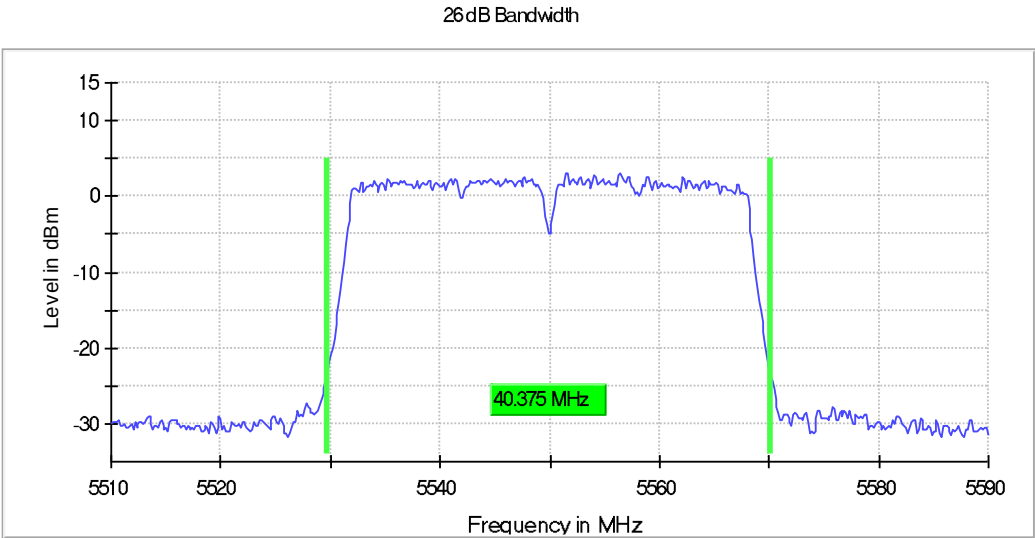


U-NII-2C (5470-5725 MHz)

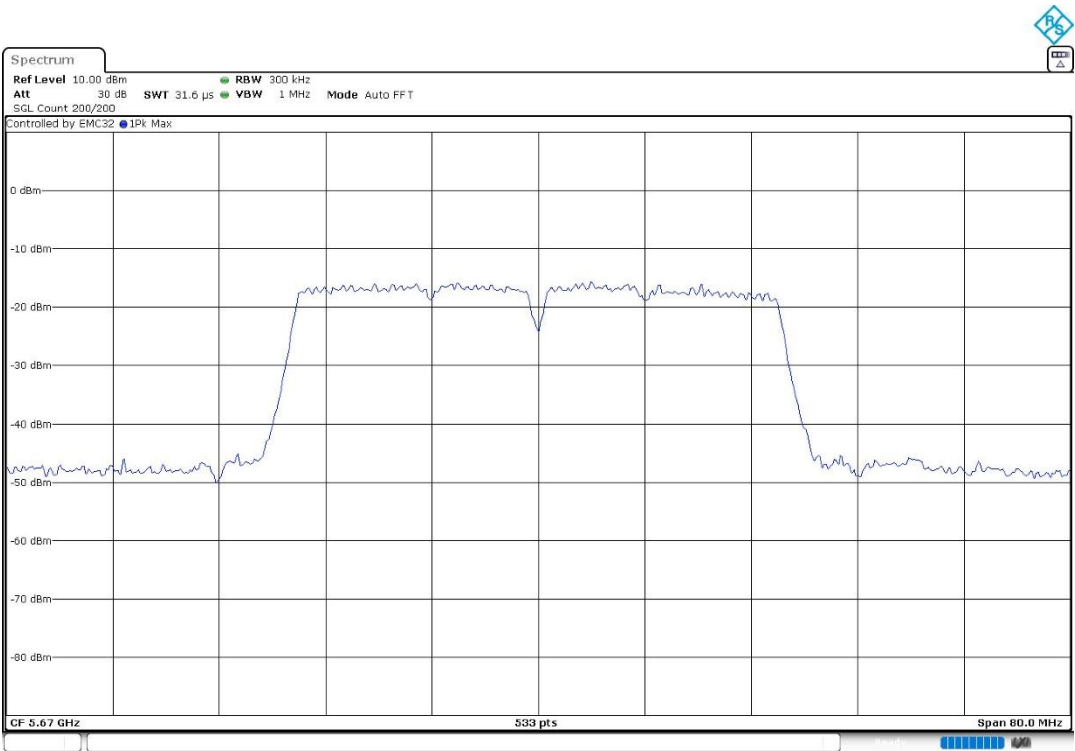
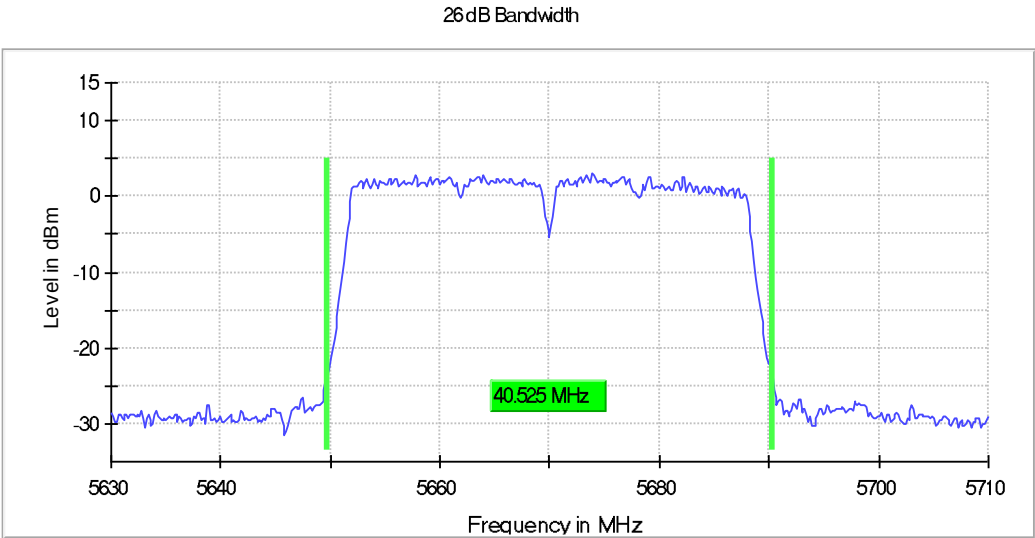
- Low Channel 102 (5510 MHz):



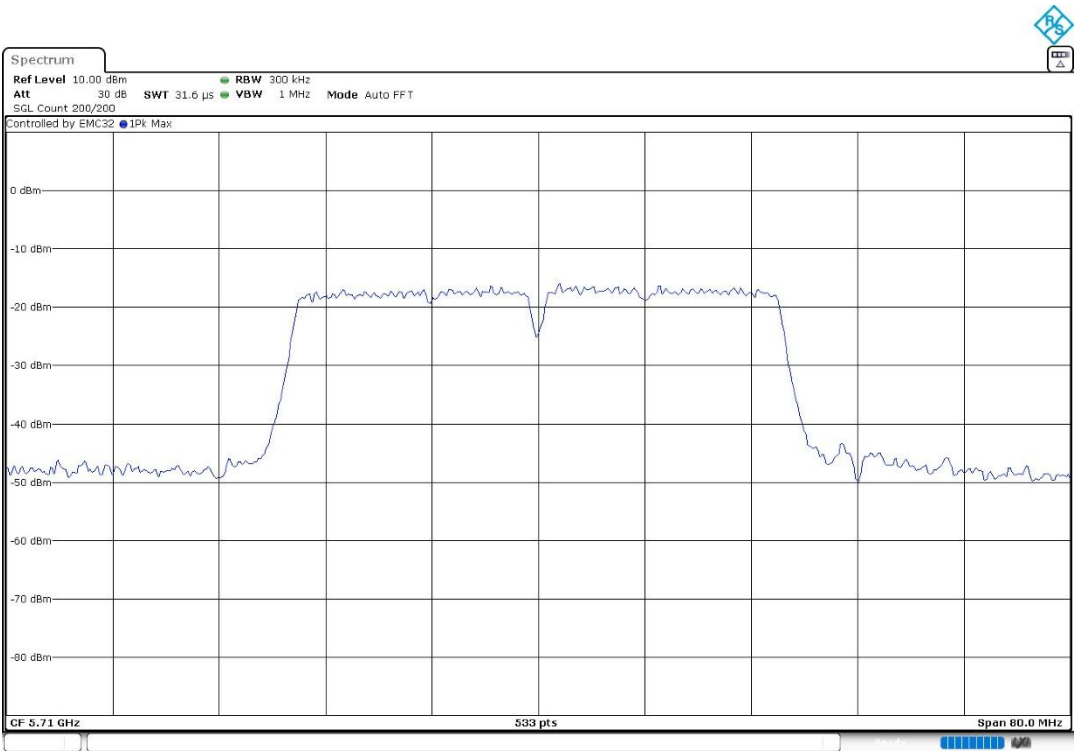
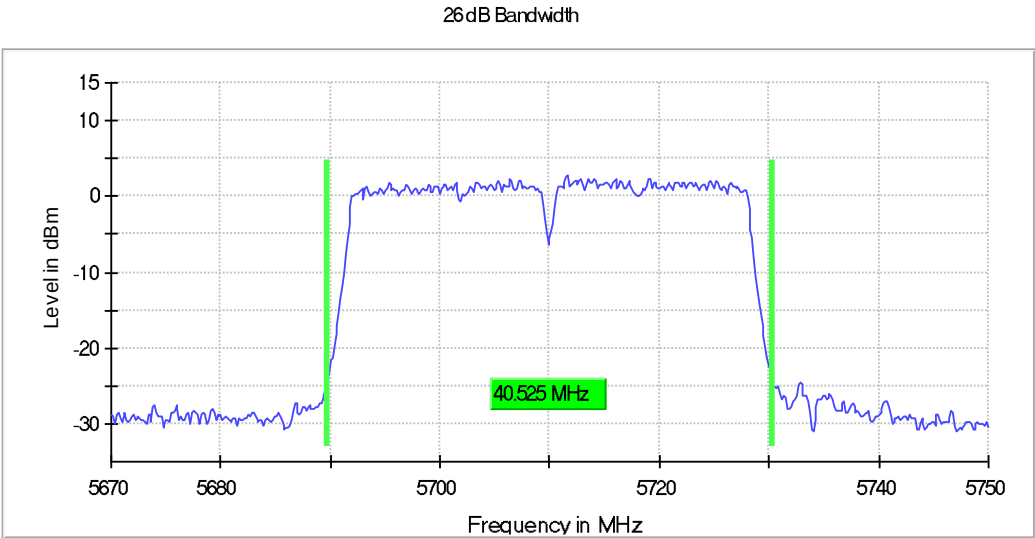
- Low Channel+1 110 (5550 MHz):



- High Channel 134 (5670 MHz):

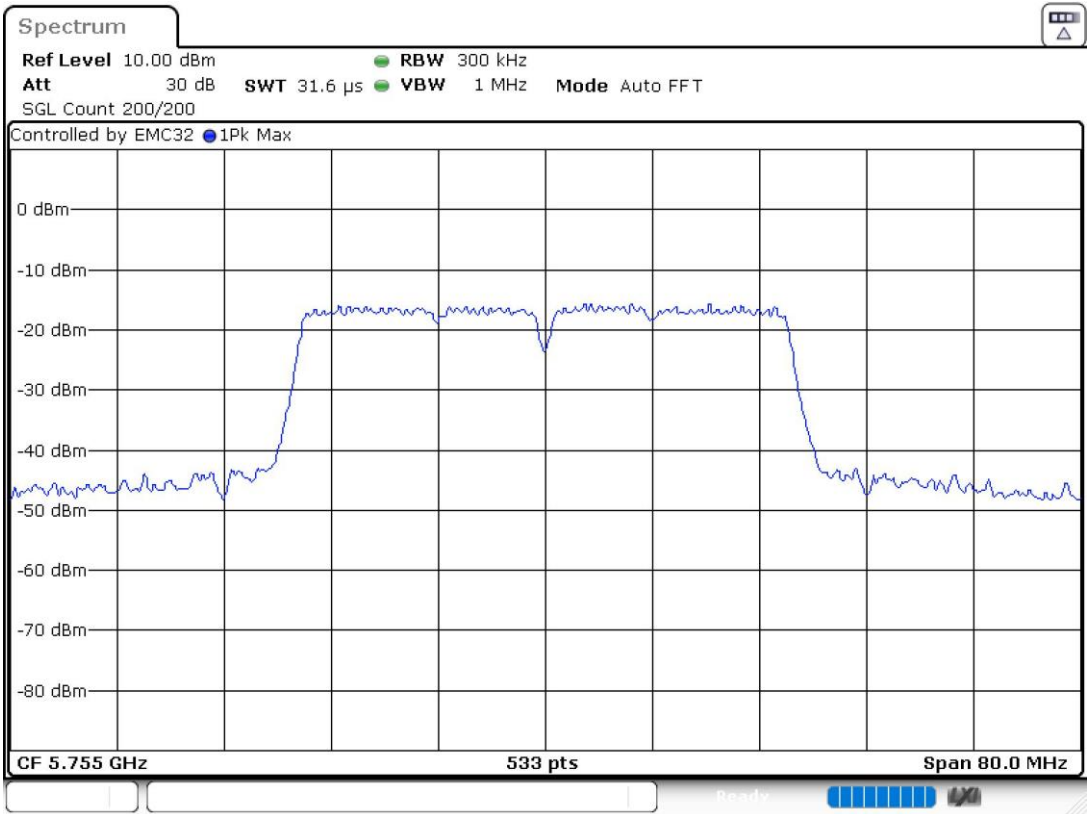
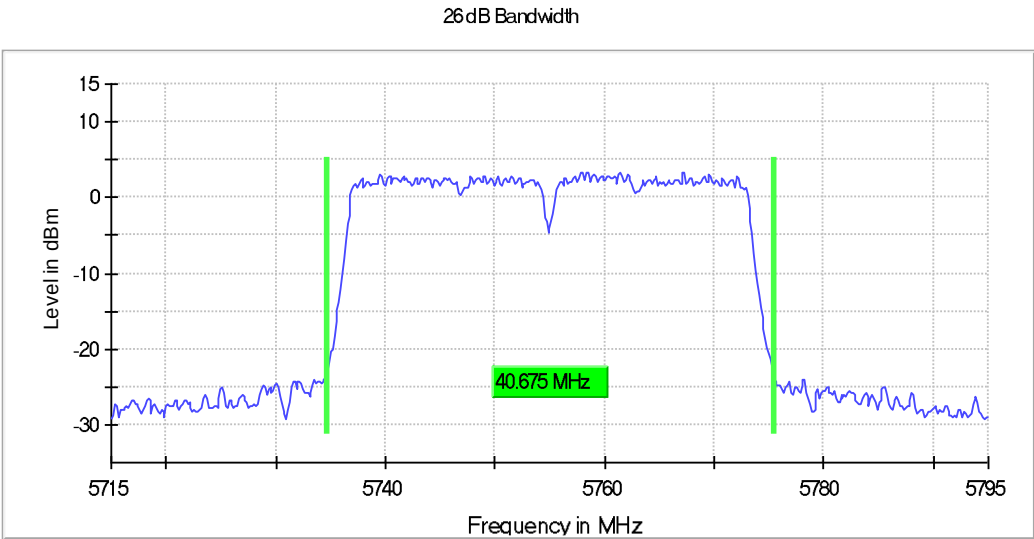


- Straddle Channel 142 (5710 MHz):

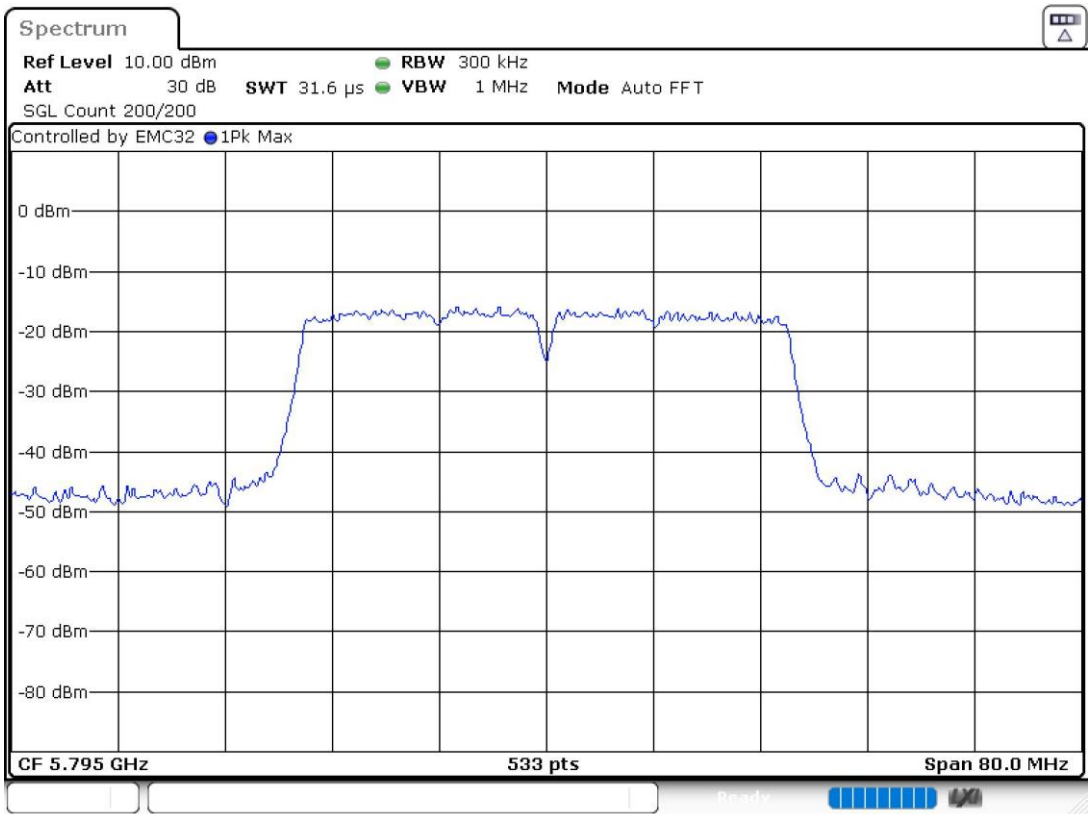
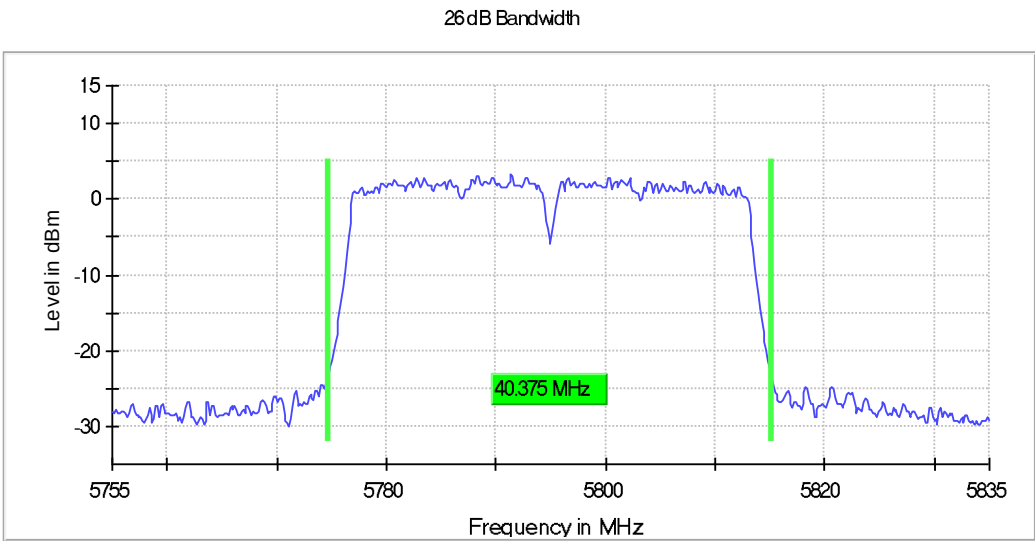


U-NII-3 (5725-5850 MHz)

- Low Channel 151 (5755 MHz):



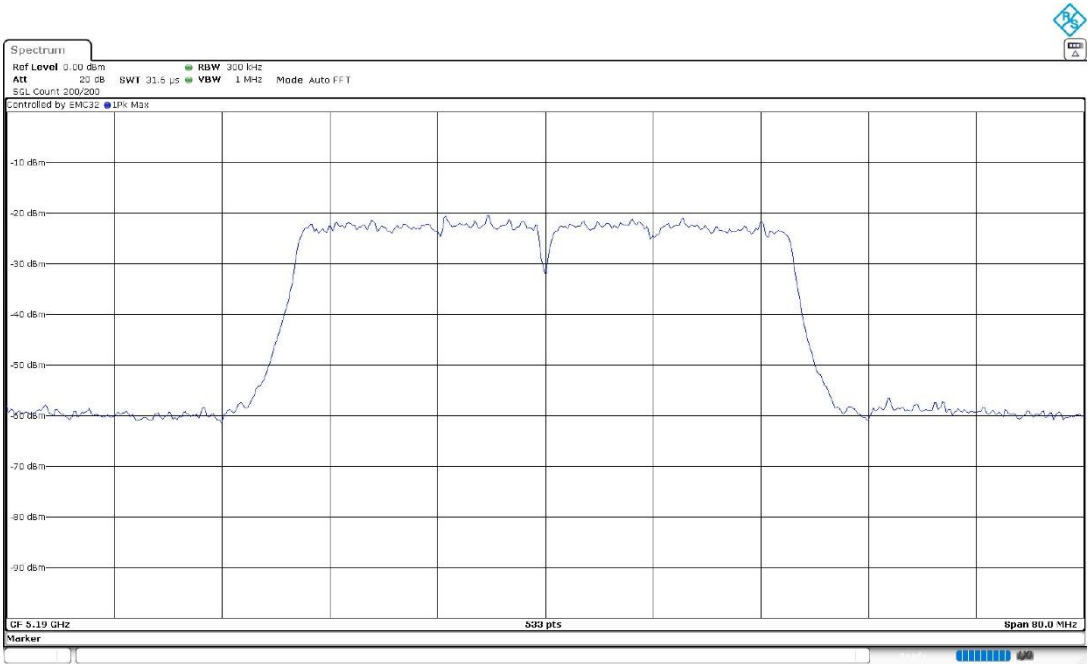
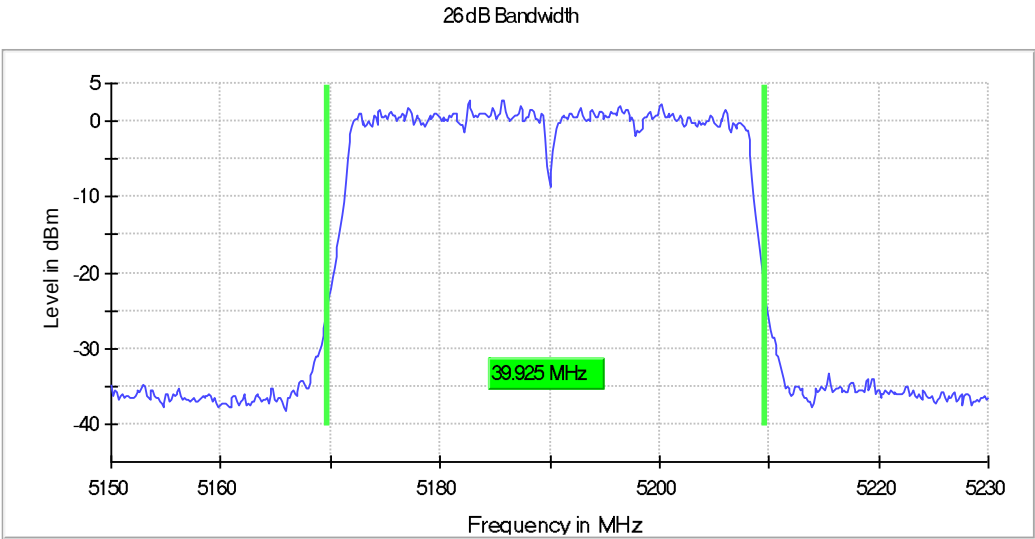
- High Channel 159 (5795 MHz):



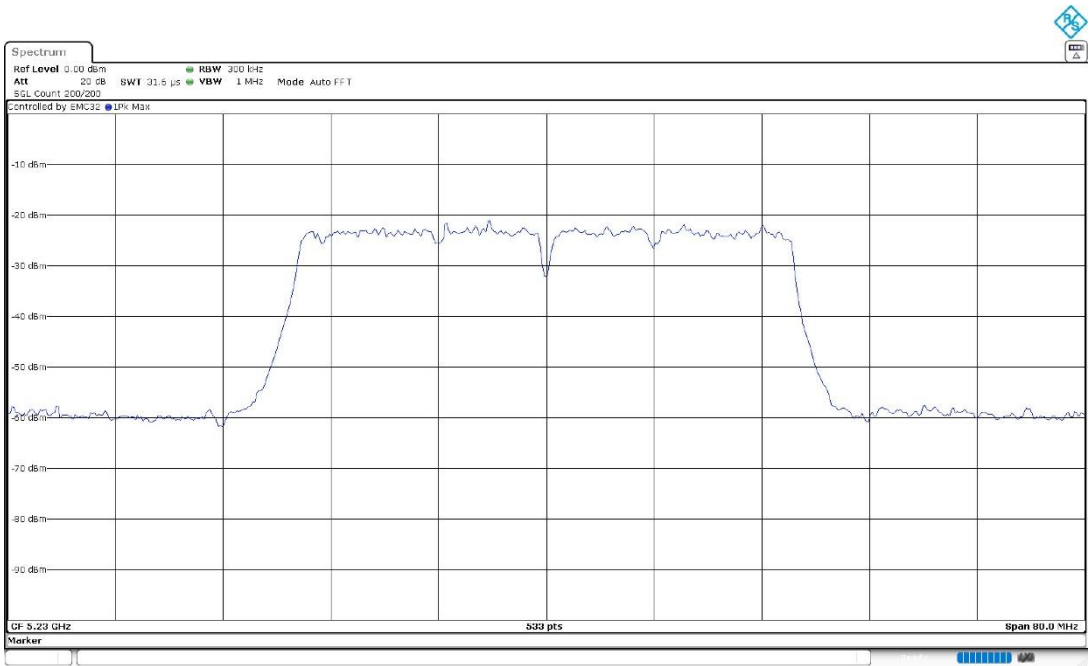
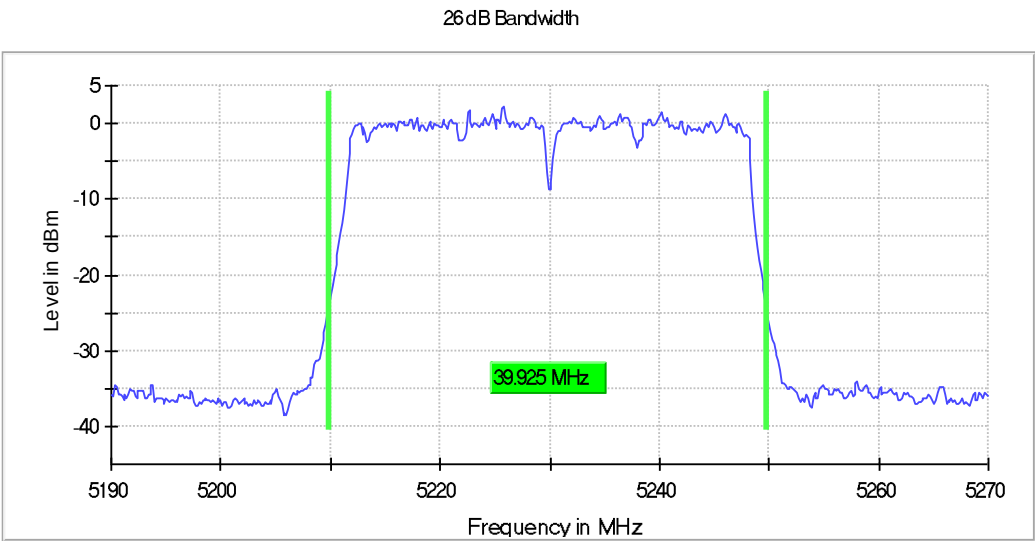
SISO 802.11 ac40 (VHT40):

U-NII-1 (5150-5250 MHz)

- Low Channel 38 (5190 MHz):

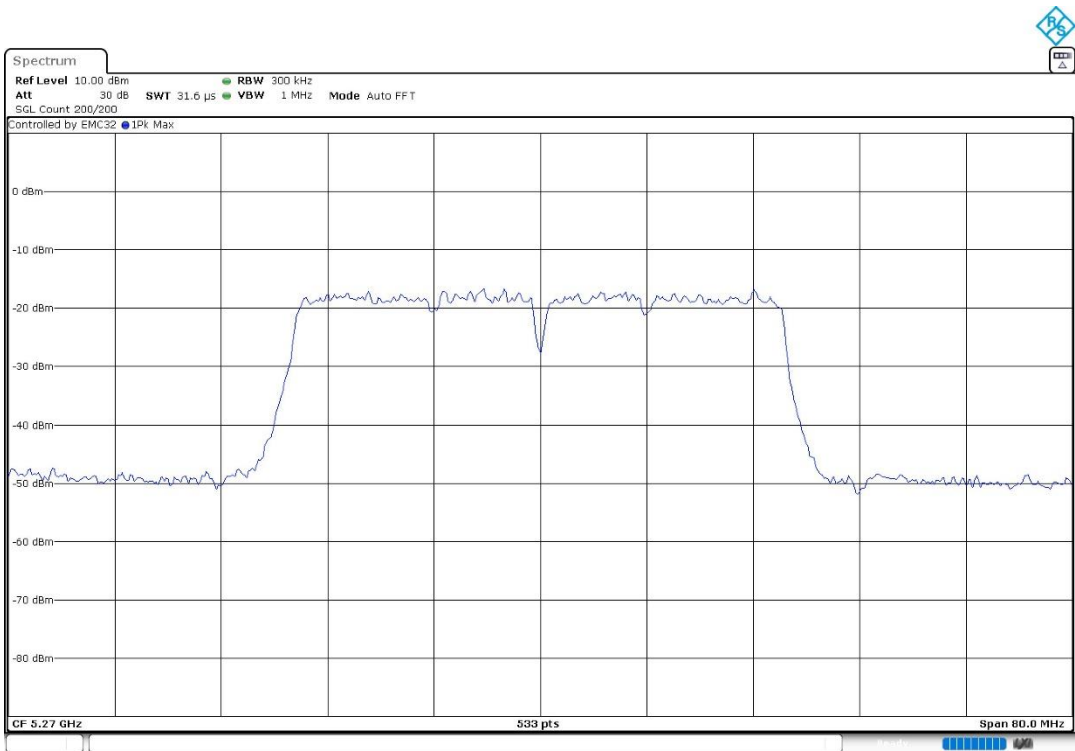
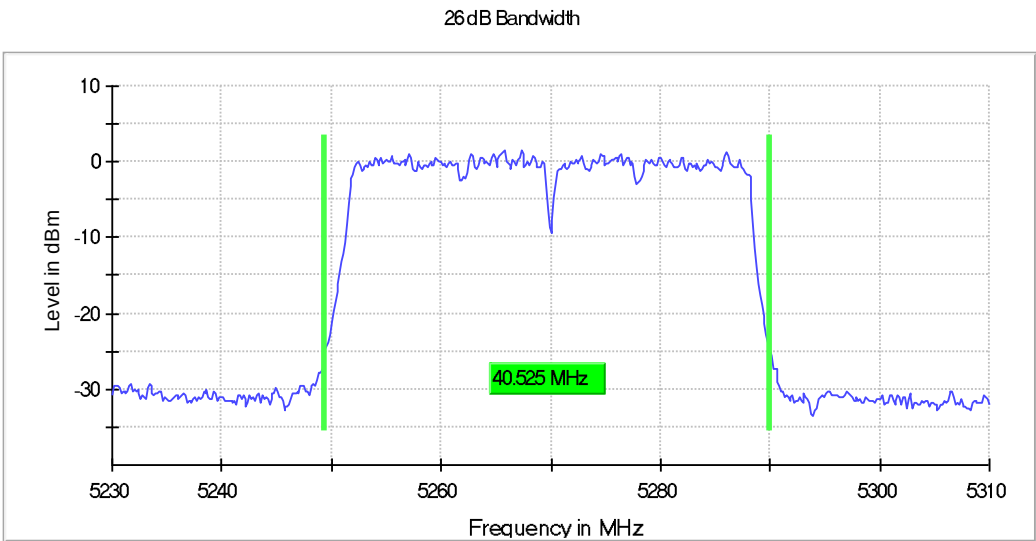


- High Channel 46 (5230 MHz):

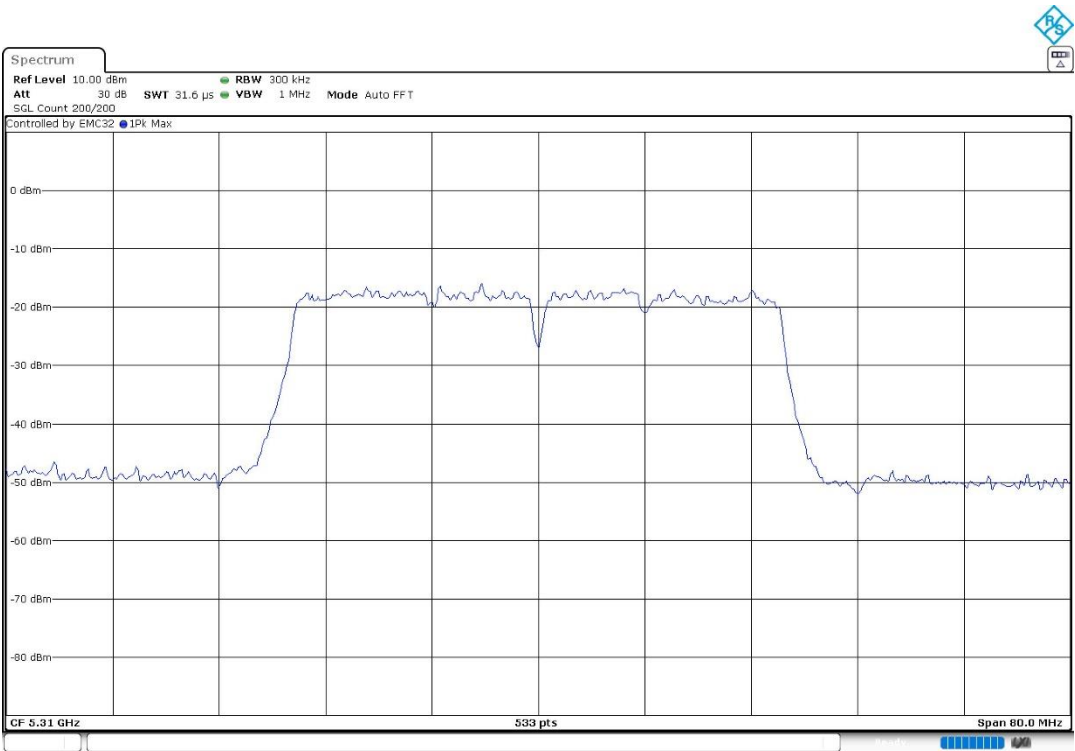
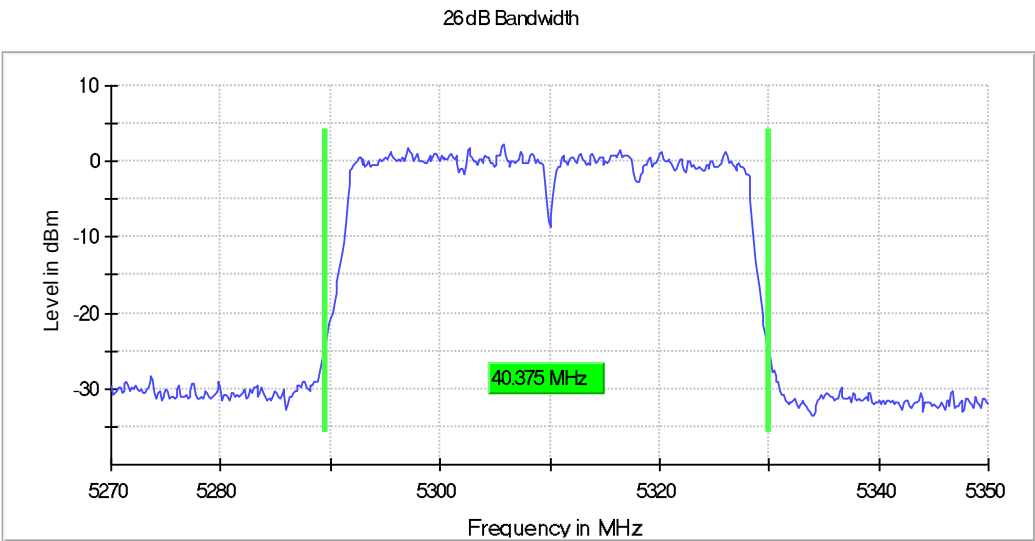


U-NII-2A (5250-5350 MHz)

- Low Channel 54 (5270 MHz):

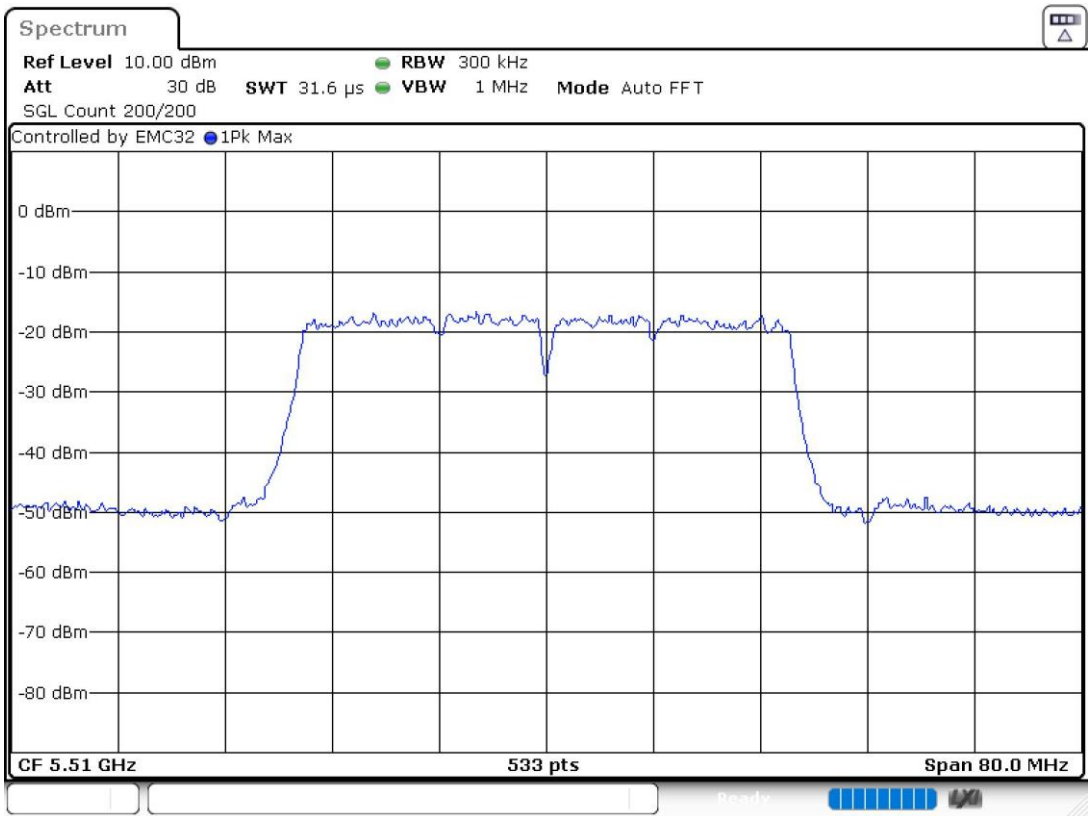
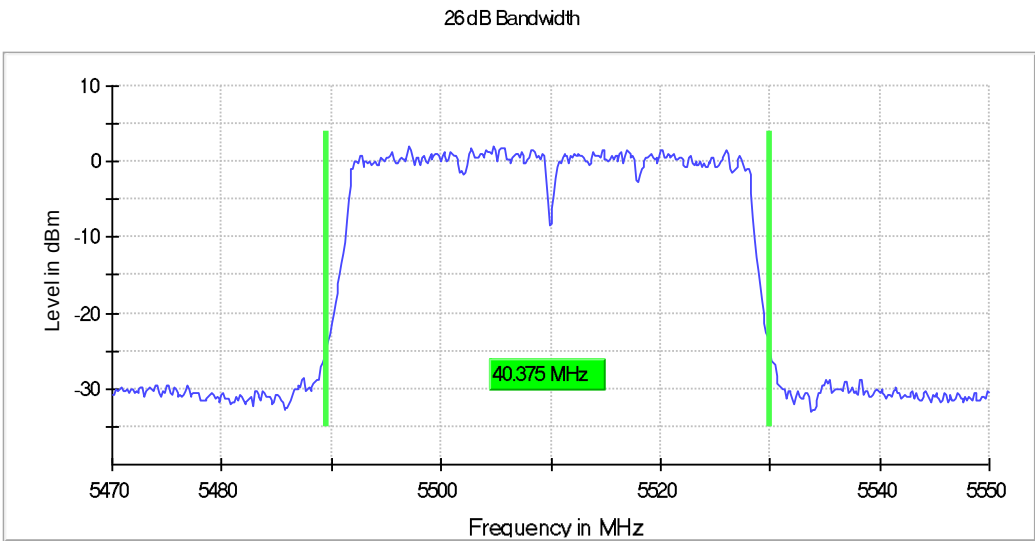


- High Channel 62 (5310 MHz):

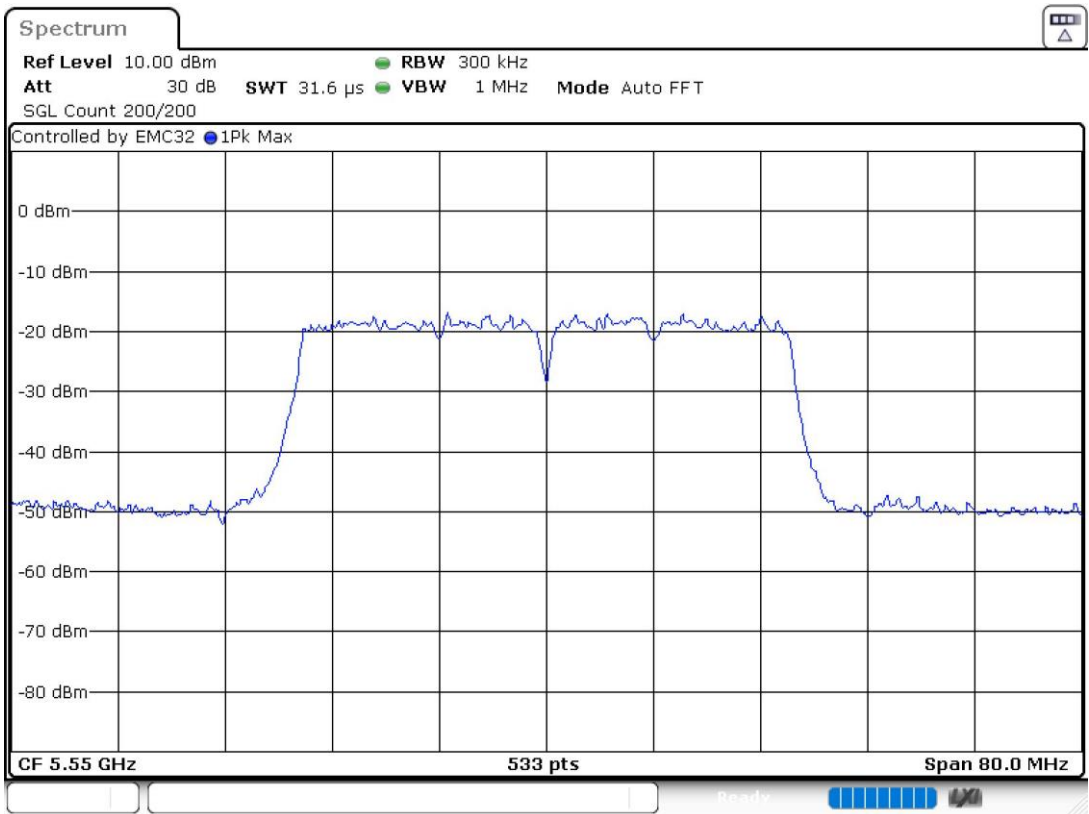
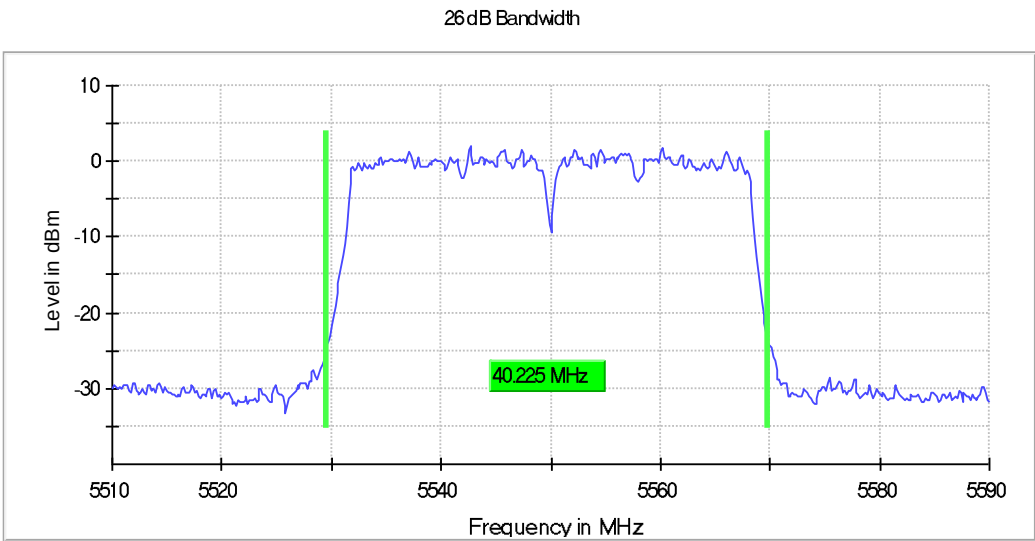


U-NII-2C (5470-5725 MHz)

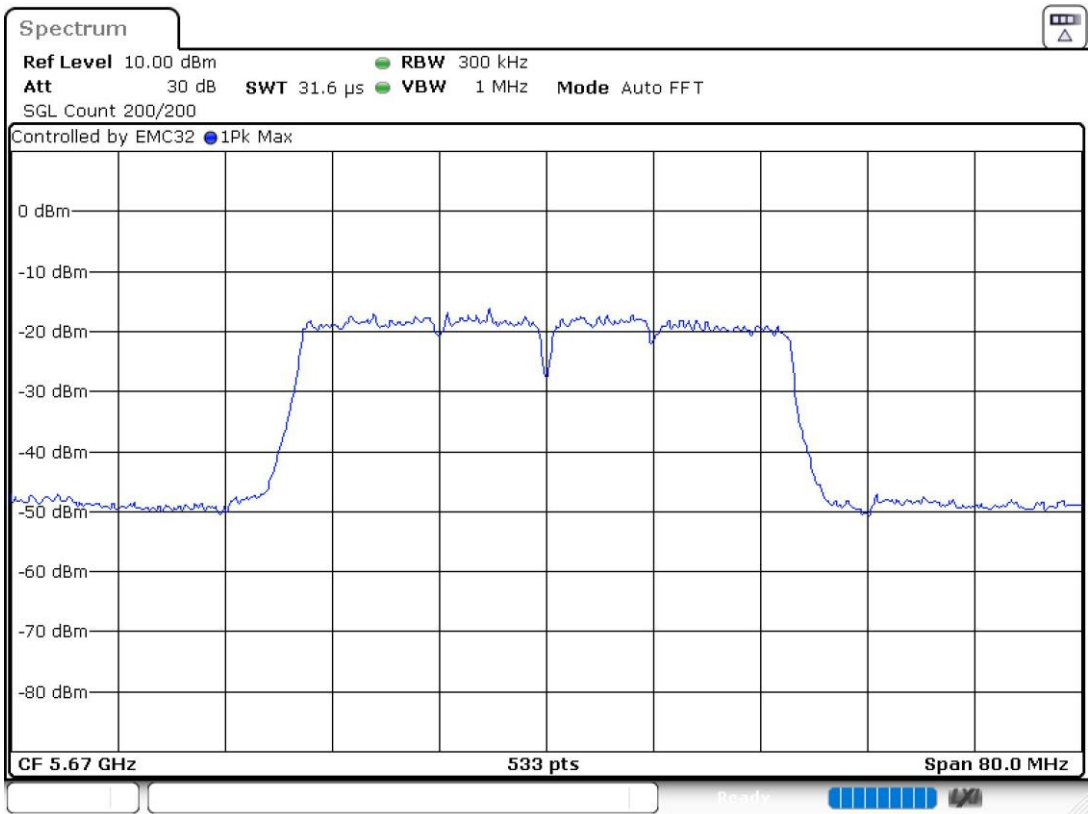
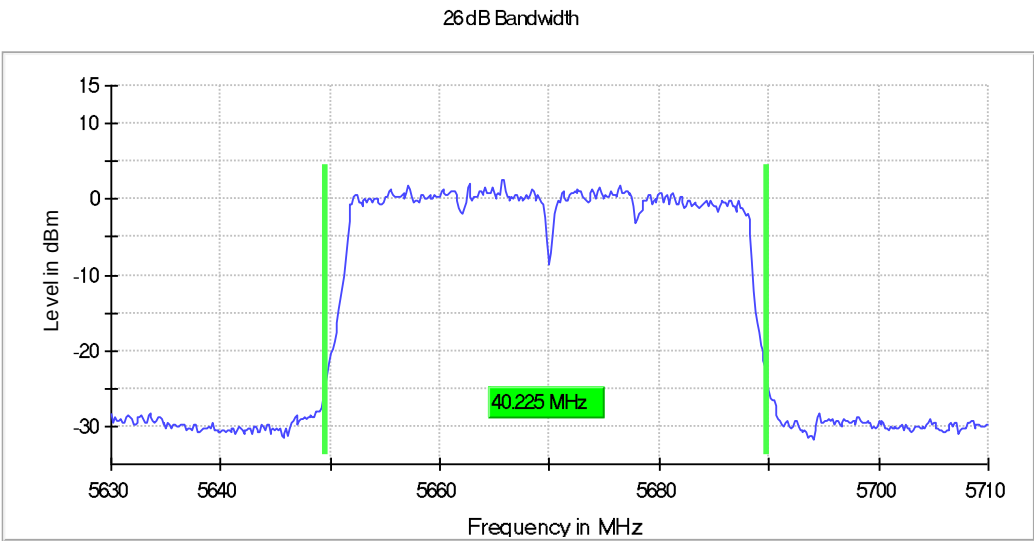
- Low Channel 102 (5510 MHz):



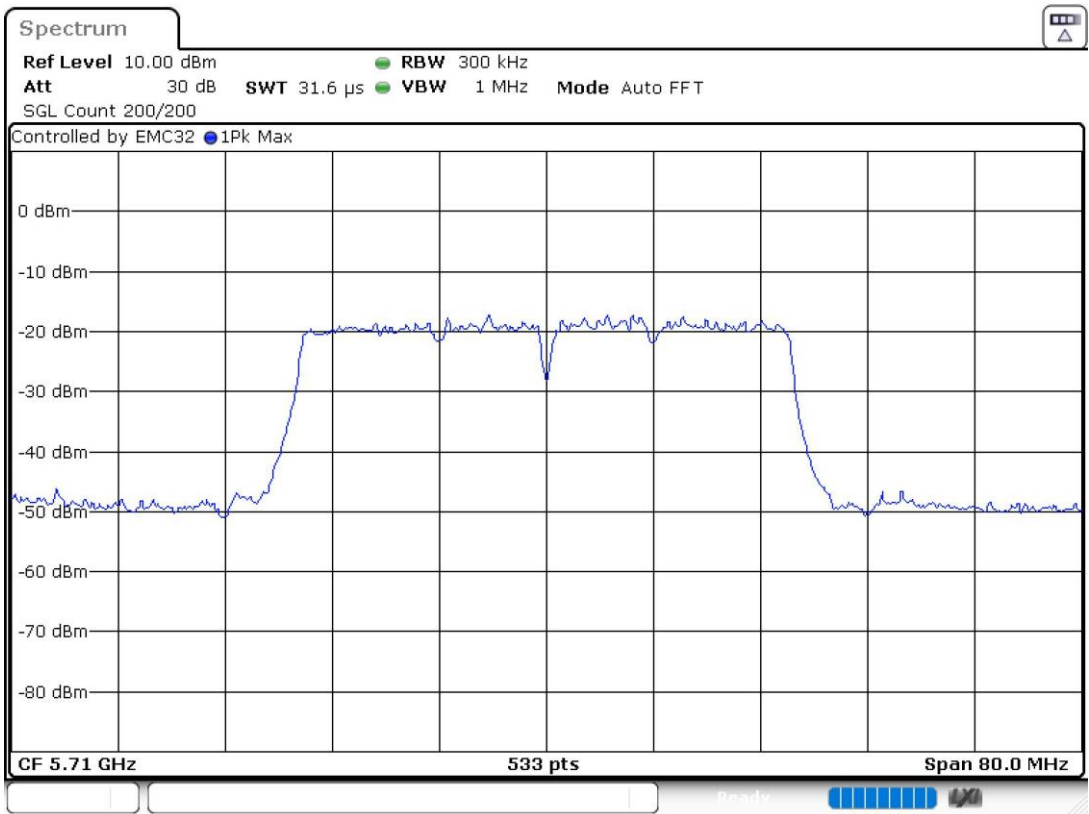
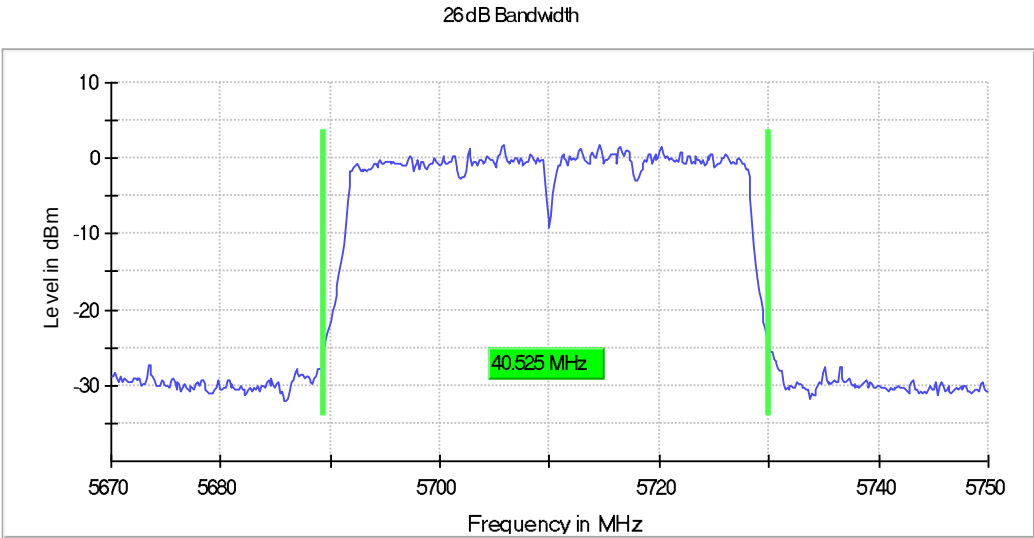
- Low Channel+1 110 (5550 MHz):



- High Channel 134 (5670 MHz):

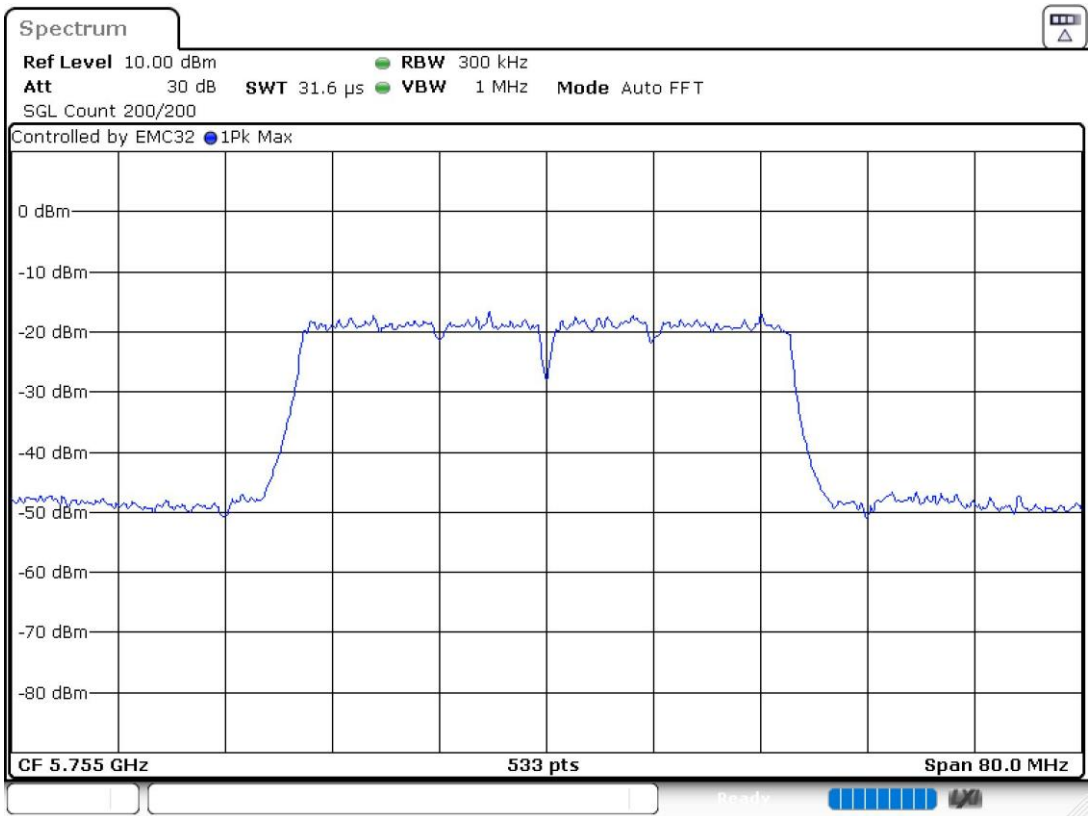
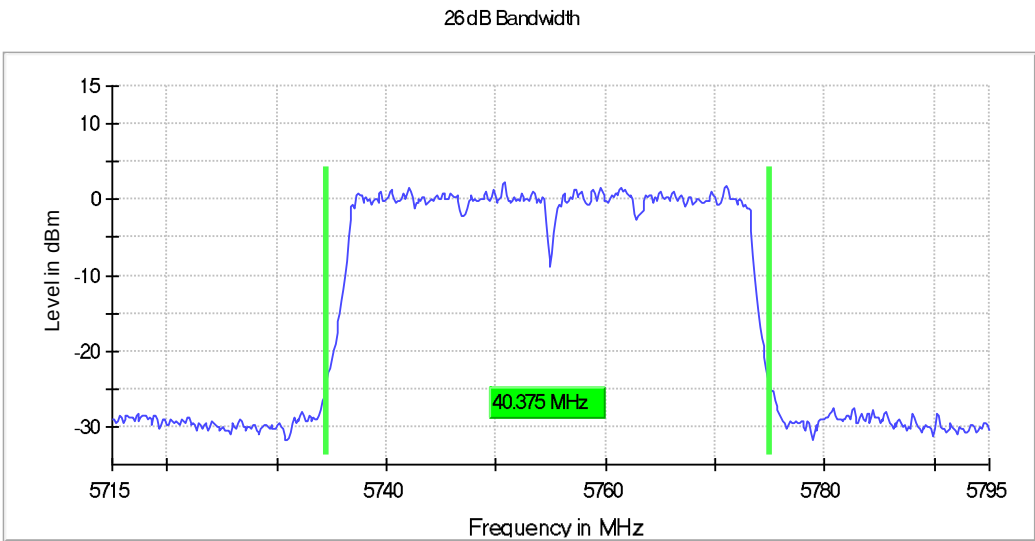


- Straddle Channel 142 (5710 MHz):

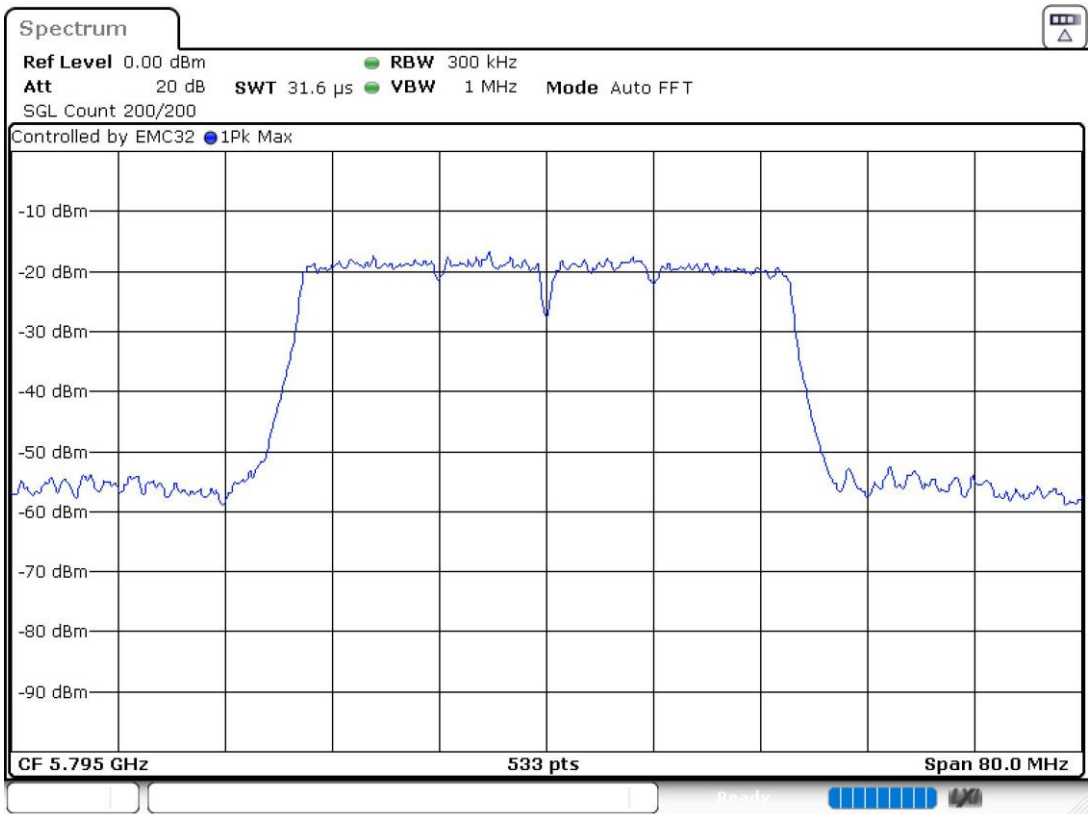
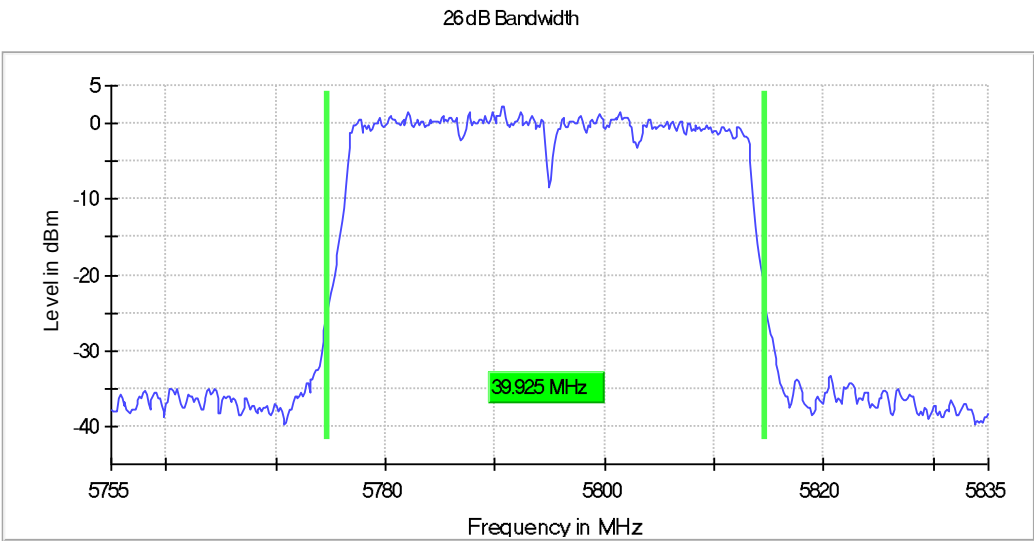


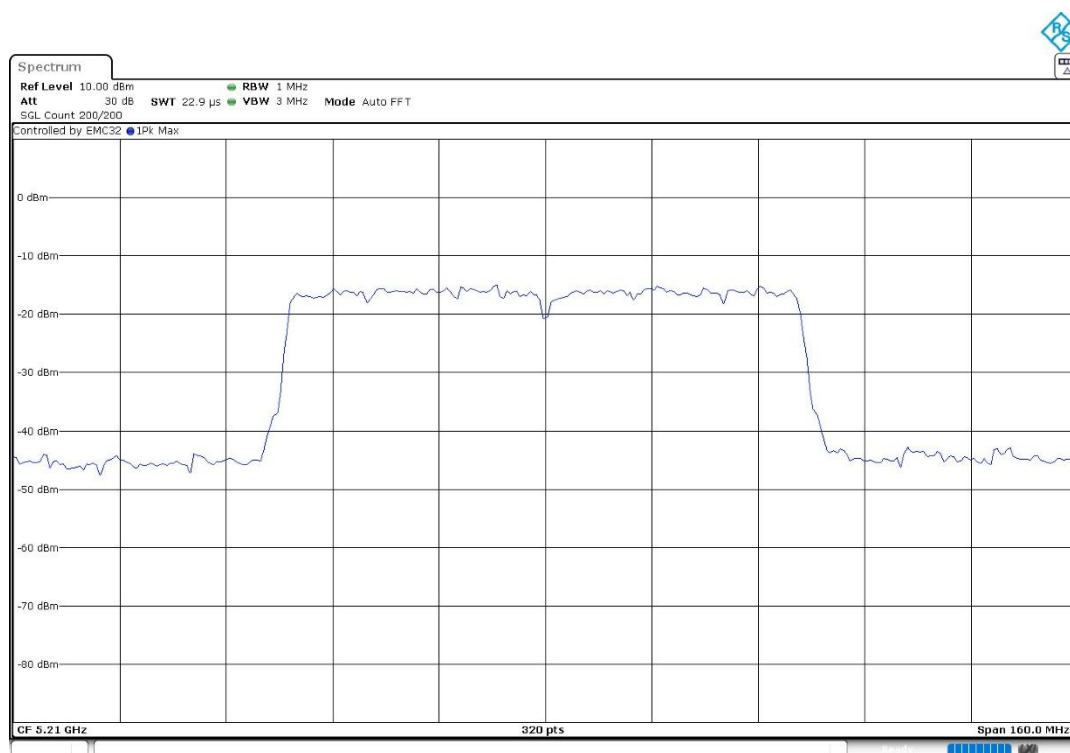
U-NII-3 (5725-5850 MHz)

- Low Channel 151 (5755 MHz):



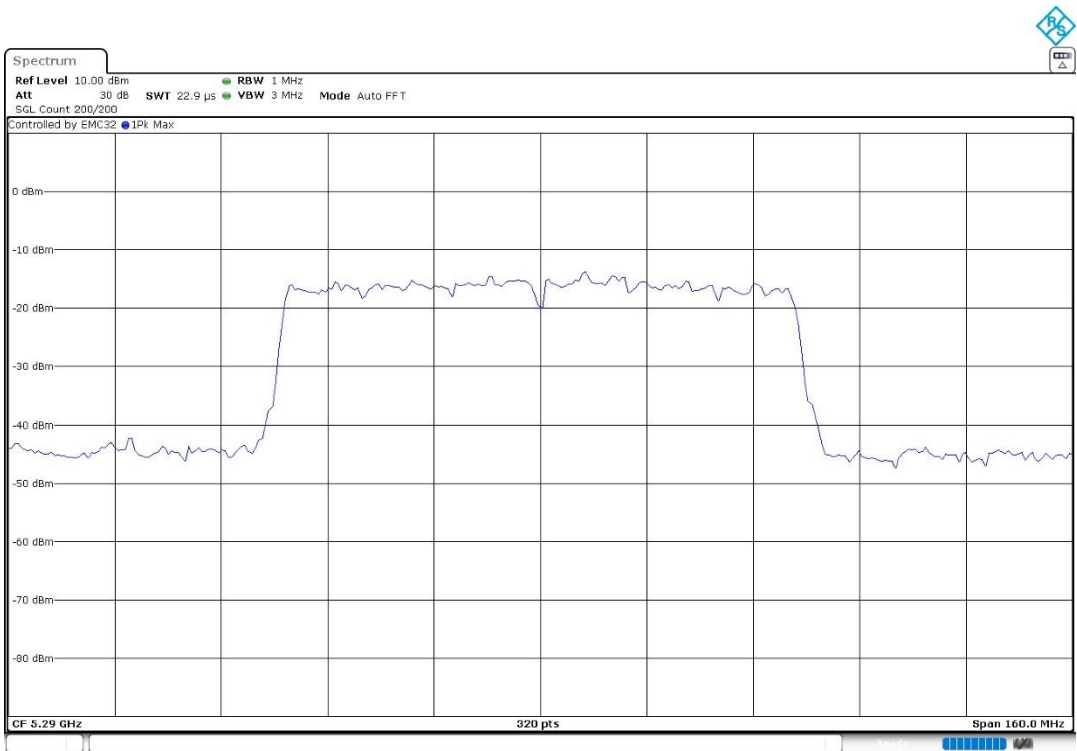
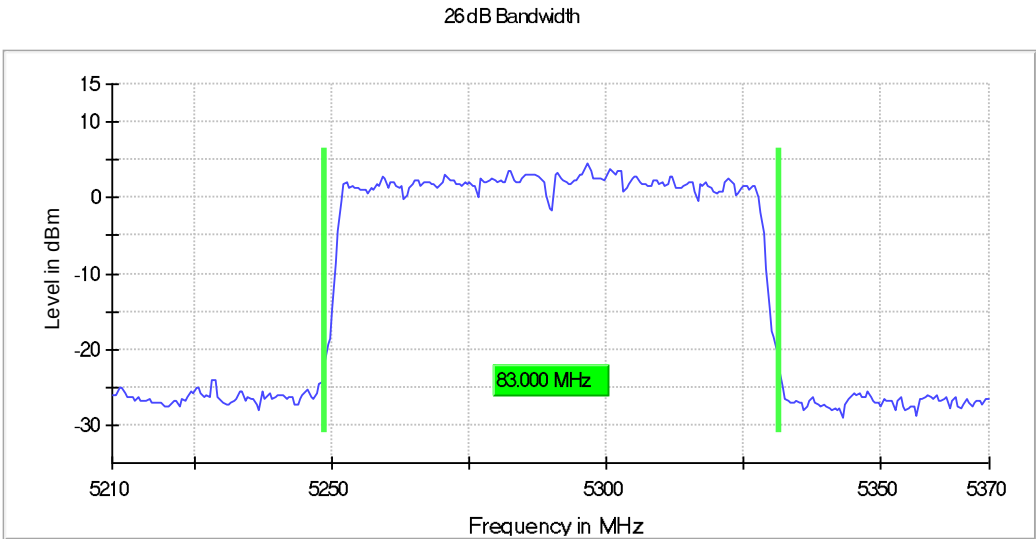
- High Channel 159 (5795 MHz):





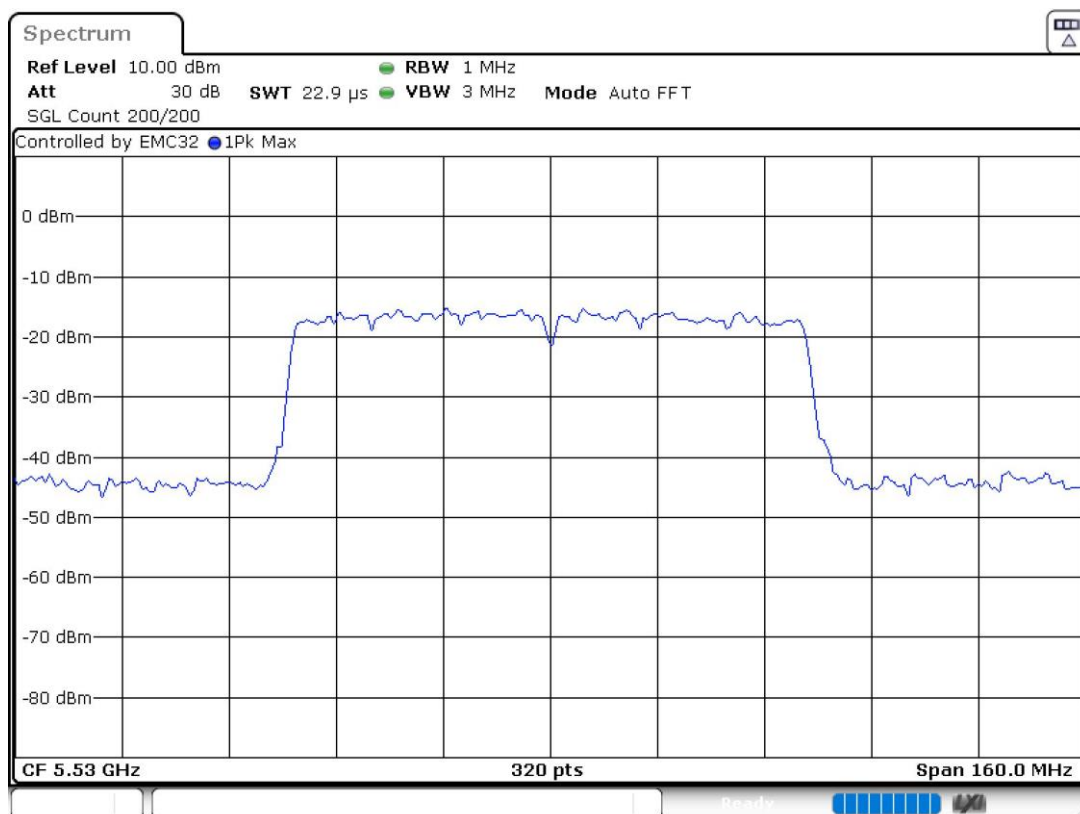
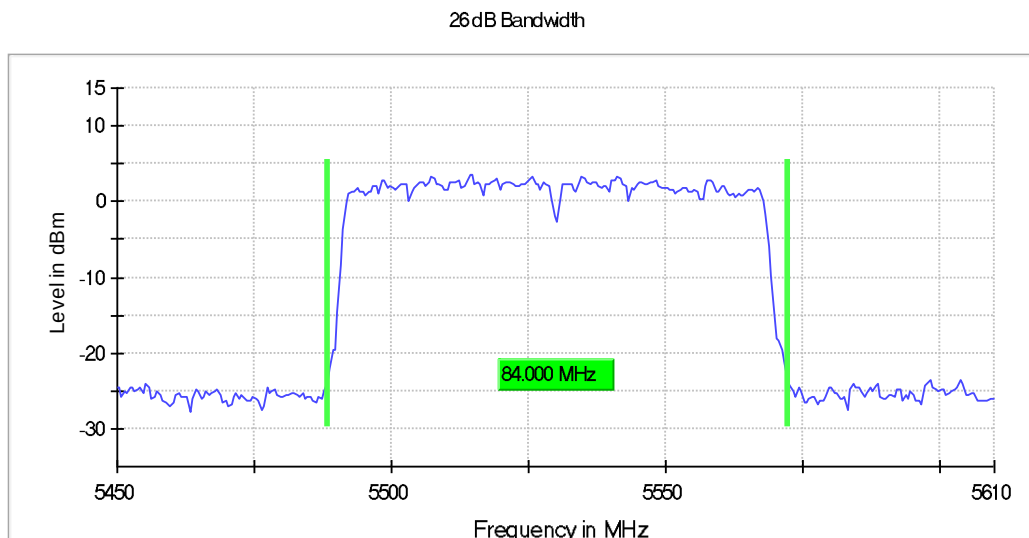
U-NII-2A (5250-5350 MHz)

- Single Channel 58 (5290 MHz):

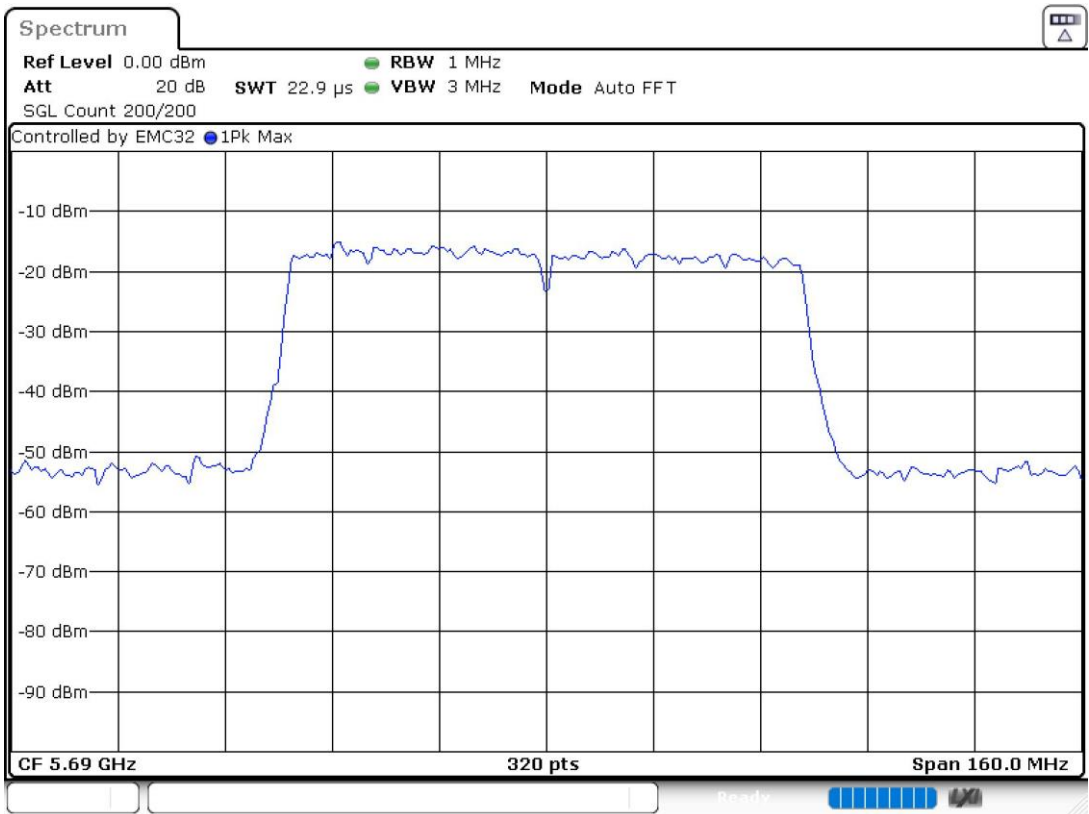
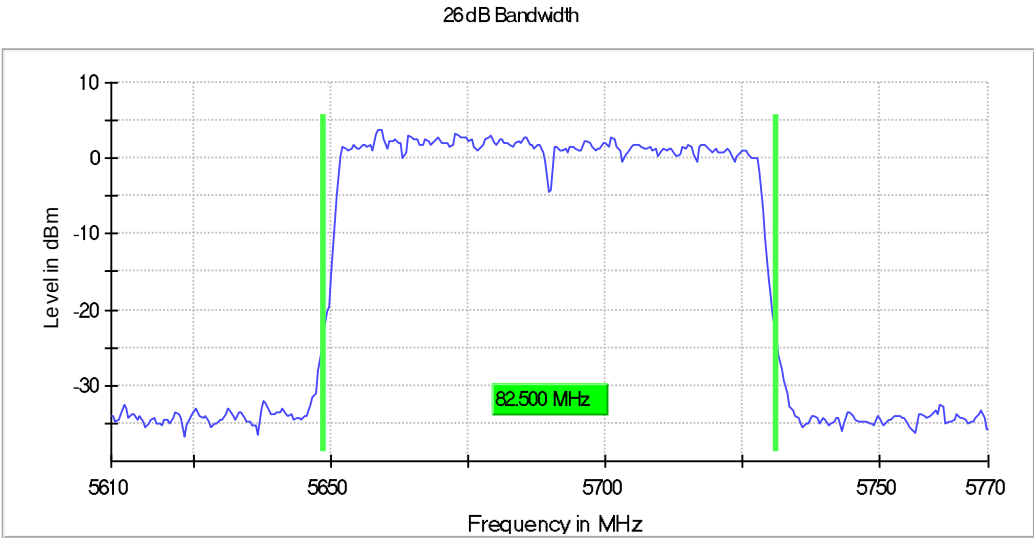


U-NII-2C (5470-5725 MHz)

- Single Channel 106 (5530 MHz):

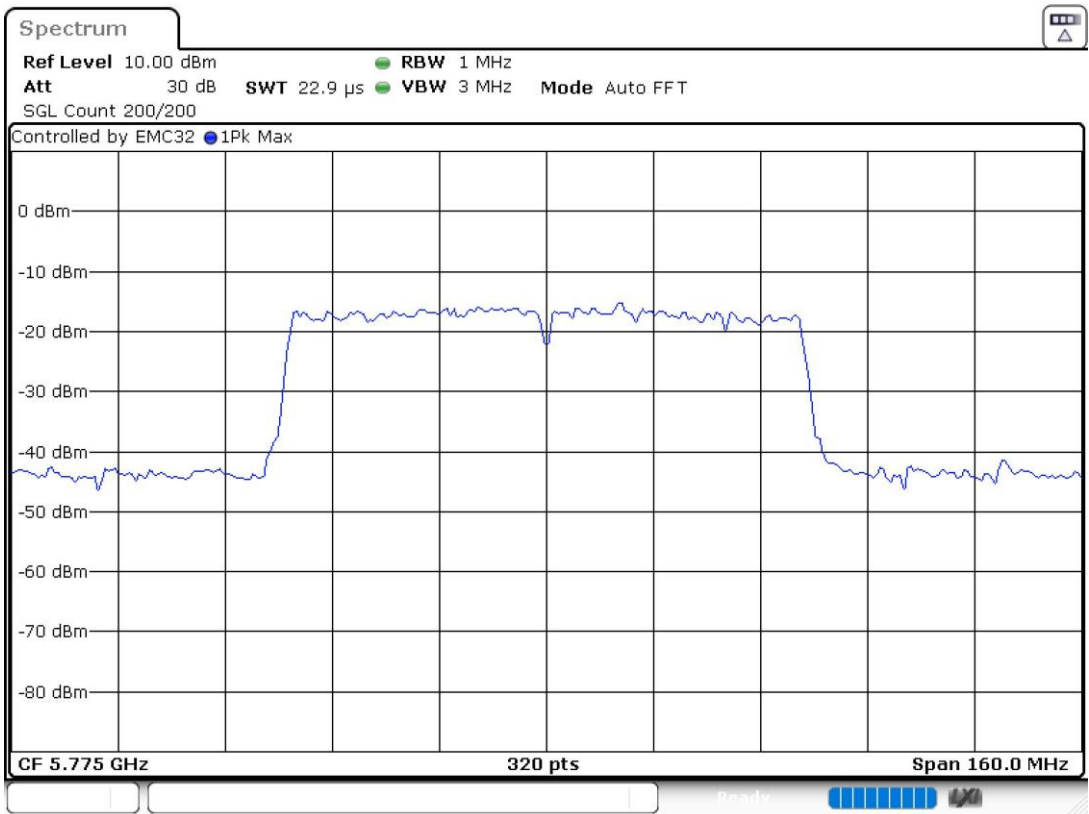
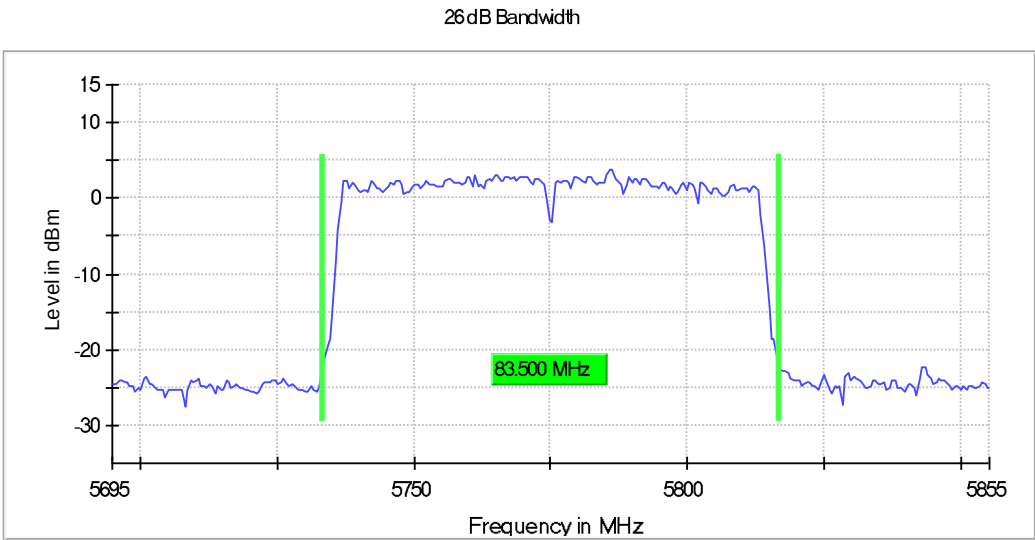


- Straddle Channel 138 (5690 MHz):



U-NII-3 (5725-5850 MHz)

- Single Channel 155 (5775 MHz):



MIMO worst case

MIMO 802.11 n20 (HT20):

U-NII-1 (5150-5250 MHz):

Channels	Low Channel 36 (5180 MHz)	Middle Channel 40 (5200 MHz)	High Channel 48 (5240 MHz)
26 dB Emission Bandwidth (MHz)	19.20	19.50	19.40

U-NII-2A (5250-5350 MHz):

Channels	Low Channel 52 (5260 MHz)	Middle Channel 56 (5280 MHz)	High Channel 64 (5320 MHz)
26 dB Emission Bandwidth (MHz)	19.70	19.80	19.10

U-NII-2C (5470-5725 MHz):

Channels	Low Channel 100 (5500 MHz)	Middle Channel 116 (5580 MHz)	High Channel 140 (5700 MHz)	Straddle Channel 144 (5720 MHz)
26 dB Emission Bandwidth (MHz)	19.30	19.60	19.50	19.50

U-NII-3 (5725-5850 MHz):

Channels	Low Channel 149 (5745 MHz)	Middle Channel 157 (5785 MHz)	High Channel 165 (5825 MHz)
26 dB Emission Bandwidth (MHz)	19.80	19.70	19.50

MIMO 802.11 ac20 (VHT20):

U-NII-1 (5150-5250 MHz):

Channels	Low Channel 36 (5180 MHz)	Middle Channel 40 (5200 MHz)	High Channel 48 (5240 MHz)
26 dB Emission Bandwidth (MHz)	19.00	19.00	18.80

U-NII-2A (5250-5350 MHz):

Channels	Low Channel 52 (5260 MHz)	Middle Channel 56 (5280 MHz)	High Channel 64 (5320 MHz)
26 dB Emission Bandwidth (MHz)	19.20	18.80	19.40

U-NII-2C (5470-5725 MHz):

Channels	Low Channel 100 (5500 MHz)	Middle Channel 116 (5580 MHz)	High Channel 140 (5700 MHz)	Straddle Channel 144 (5720 MHz)
26 dB Emission Bandwidth (MHz)	19.30	19.10	19.30	19.00

U-NII-3 (5725-5850 MHz):

Channels	Low Channel 149 (5745 MHz)	Middle Channel 157 (5785 MHz)	High Channel 165 (5825 MHz)
26 dB Emission Bandwidth (MHz)	19.40	19.40	19.00

MIMO 802.11 n40 (HT40):

U-NII-1 (5150-5250 MHz):

Channels	Low Channel 38 (5190 MHz)	High Channel 46 (5230 MHz)
26 dB Emission Bandwidth (MHz)	38.87	39.02

U-NII-2A (5250-5350 MHz):

Channels	Low Channel 54 (5270 MHz)	High Channel 62 (5310 MHz)
26 dB Emission Bandwidth (MHz)	39.02	38.72

U-NII-2C (5470-5725 MHz):

Channels	Low Channel 102 (5510 MHz)	Low Channel (+1) 110 (5550 MHz)	High Channel 134 (5670 MHz)	Straddle Channel 142 (5710 MHz)
26 dB Emission Bandwidth (MHz)	38.72	39.32	39.47	39.32

U-NII-3 (5725-5850 MHz):

Channels	Low Channel 151 (5755 MHz)	High Channel 159 (5795 MHz)
26 dB Emission Bandwidth (MHz)	39.77	39.17

MIMO 802.11 ac40 (VHT40):

U-NII-1 (5150-5250 MHz):

Channels	Low Channel 38 (5190 MHz)	High Channel 46 (5230 MHz)
26 dB Emission Bandwidth (MHz)	39.62	39.47

U-NII-2A (5250-5350 MHz):

Channels	Low Channel 54 (5270 MHz)	High Channel 62 (5310 MHz)
26 dB Emission Bandwidth (MHz)	39.77	39.92

U-NII-2C (5470-5725 MHz):

Channels	Low Channel 102 (5510 MHz)	Low Channel (+1) 110 (5550 MHz)	High Channel 134 (5670 MHz)	Straddle Channel 142 (5710 MHz)
26 dB Emission Bandwidth (MHz)	39.77	39.92	39.77	39.92

U-NII-3 (5725-5850 MHz):

Channels	Low Channel 151 (5755 MHz)	High Channel 159 (5795 MHz)
26 dB Emission Bandwidth (MHz)	40.07	39.77

MIMO 802.11 ac80 (VHT80):

U-NII-1 (5150-5250 MHz):

Channels	Single Channel 42 (5210 MHz)
26 dB Emission Bandwidth (MHz)	83.00

U-NII-2A (5250-5350 MHz):

Channels	Single Channel 58 (5290 MHz)
26 dB Emission Bandwidth (MHz)	81.50

U-NII-2C (5470-5725 MHz):

Channels	Single Channel 106 (5530 MHz)	Straddle Channel 138 (5690 MHz)
26 dB Emission Bandwidth (MHz)	81.50	81.50

U-NII-3 (5725-5850 MHz):

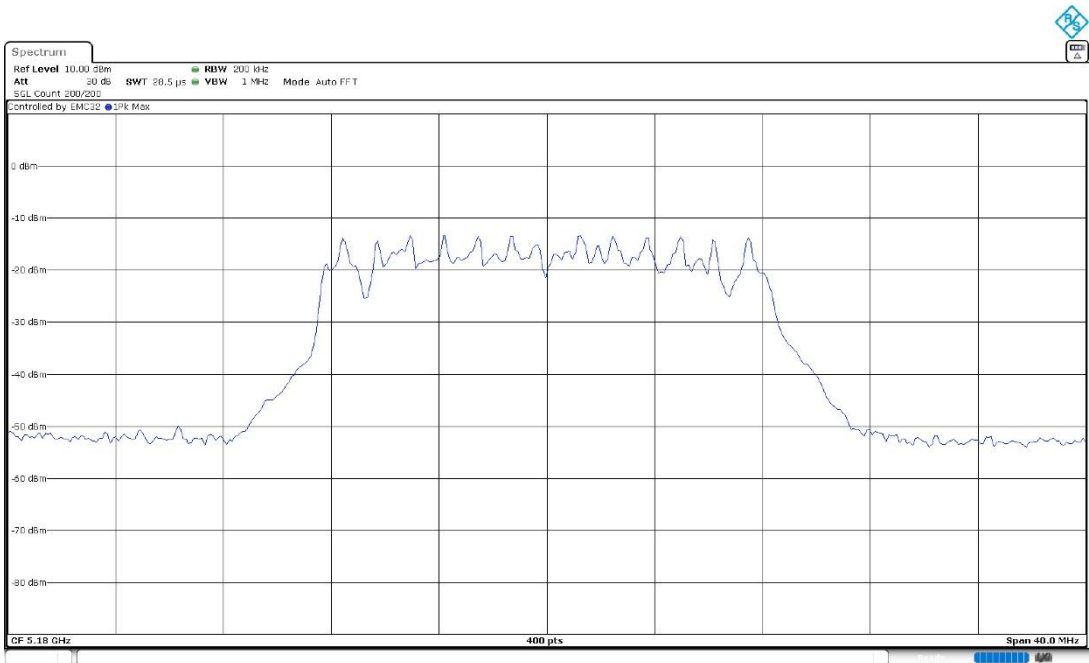
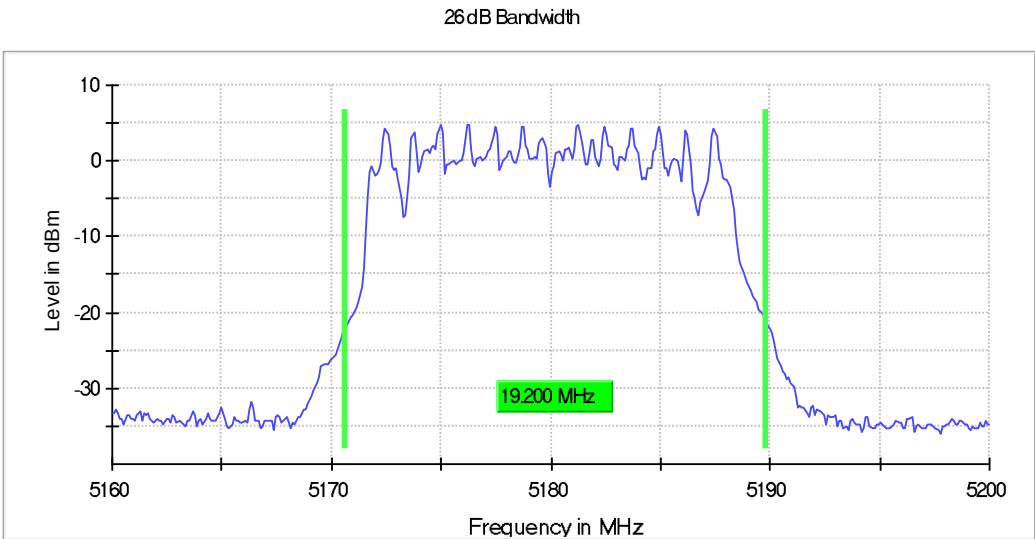
Channels	Single Channel 155 (5775 MHz)
26 dB Emission Bandwidth (MHz)	82.50

MIMO worst case

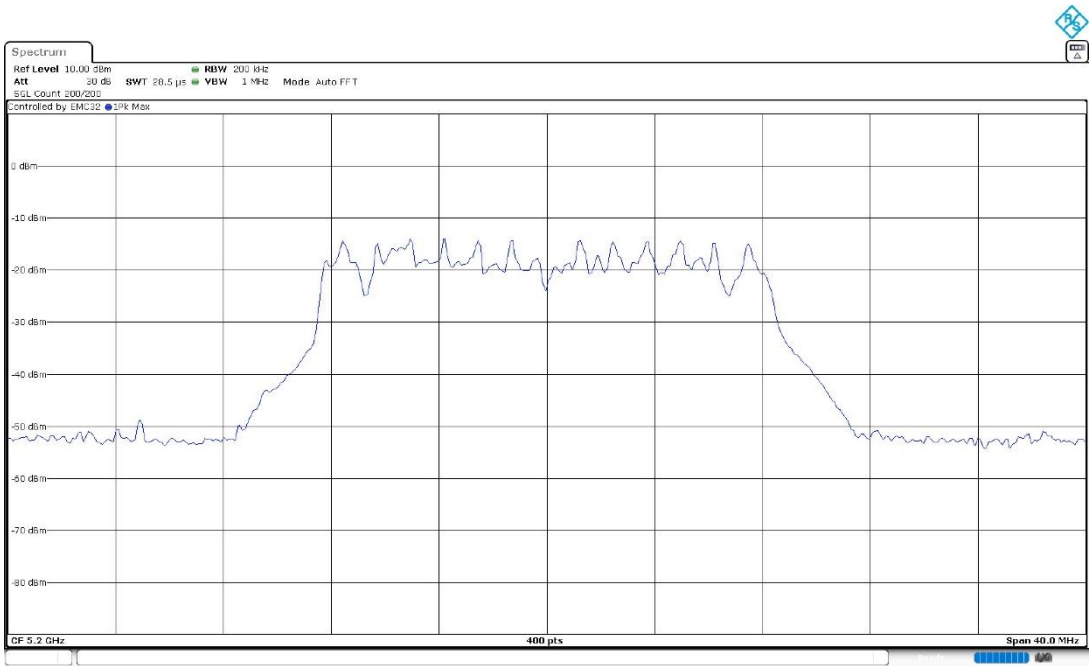
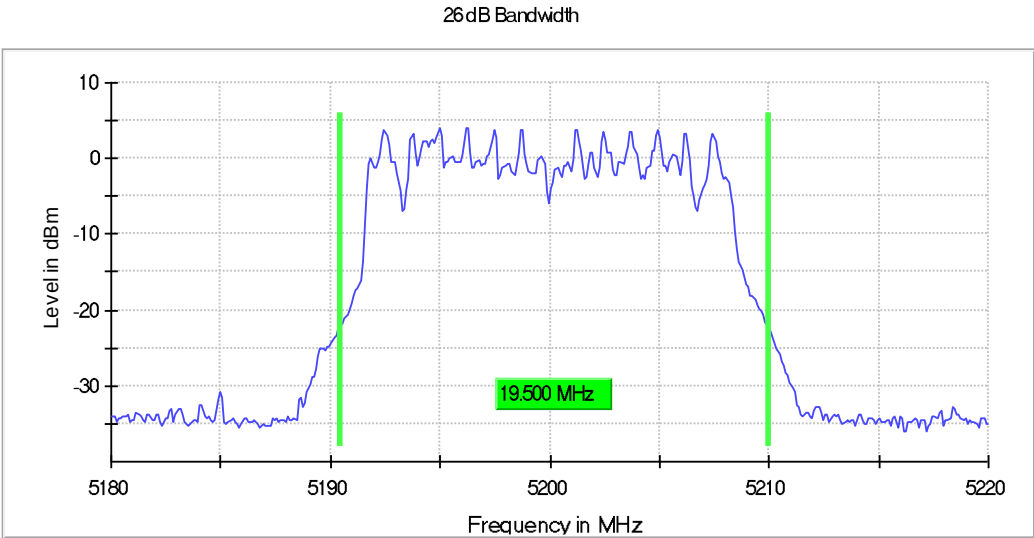
MIMO 802.11 n20 (HT20):

U-NII-1 (5150-5250 MHz)

- Low Channel 36 (5180 MHz):



- Middle Channel 40 (5200 MHz):



- High Channel 48 (5240 MHz):

