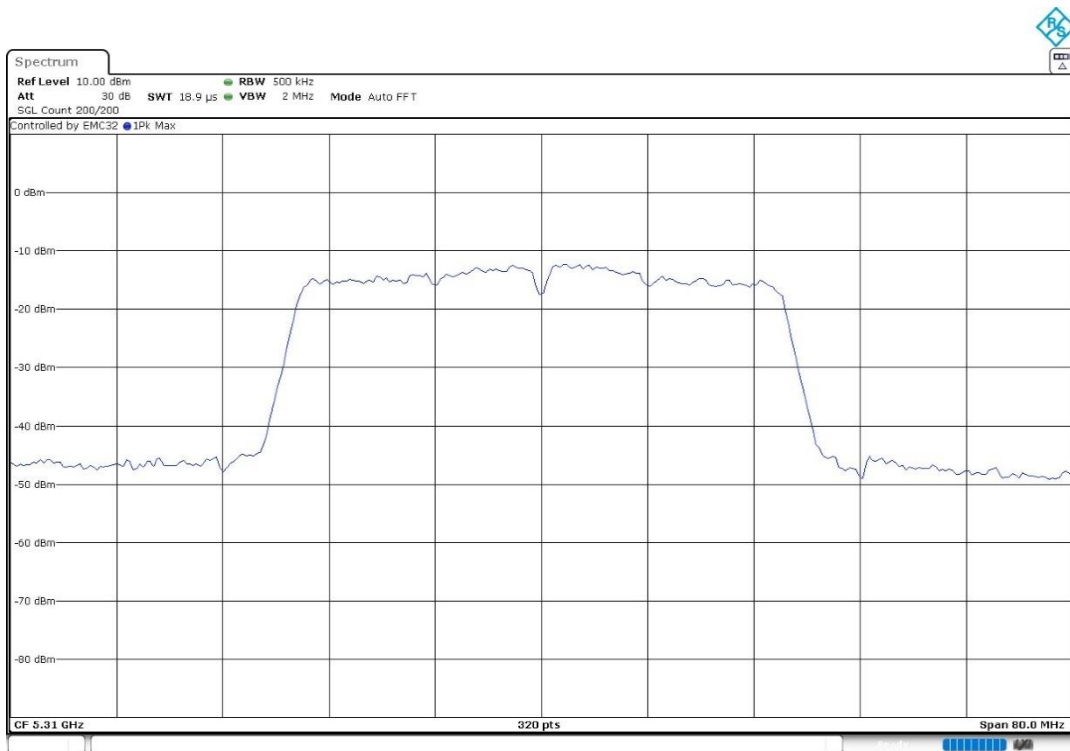
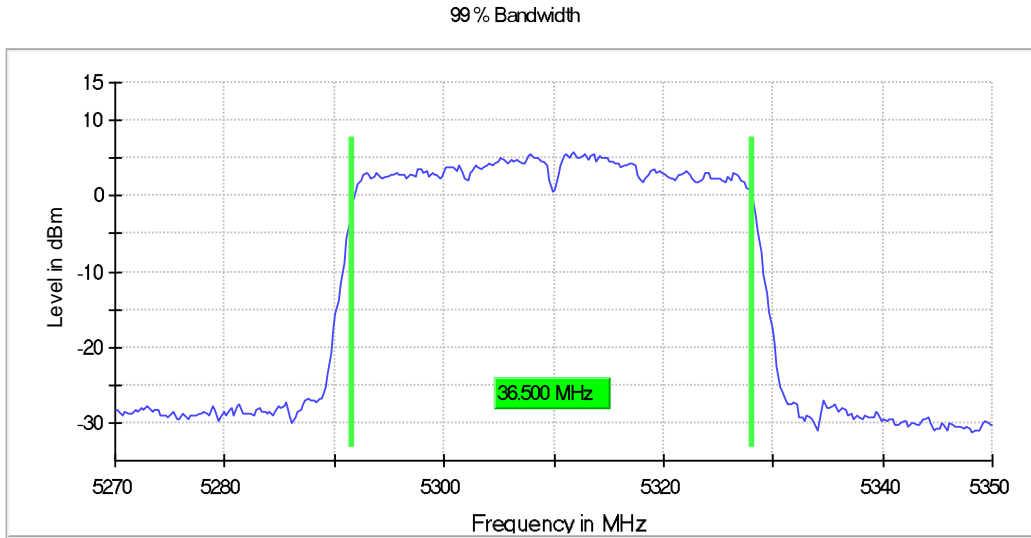
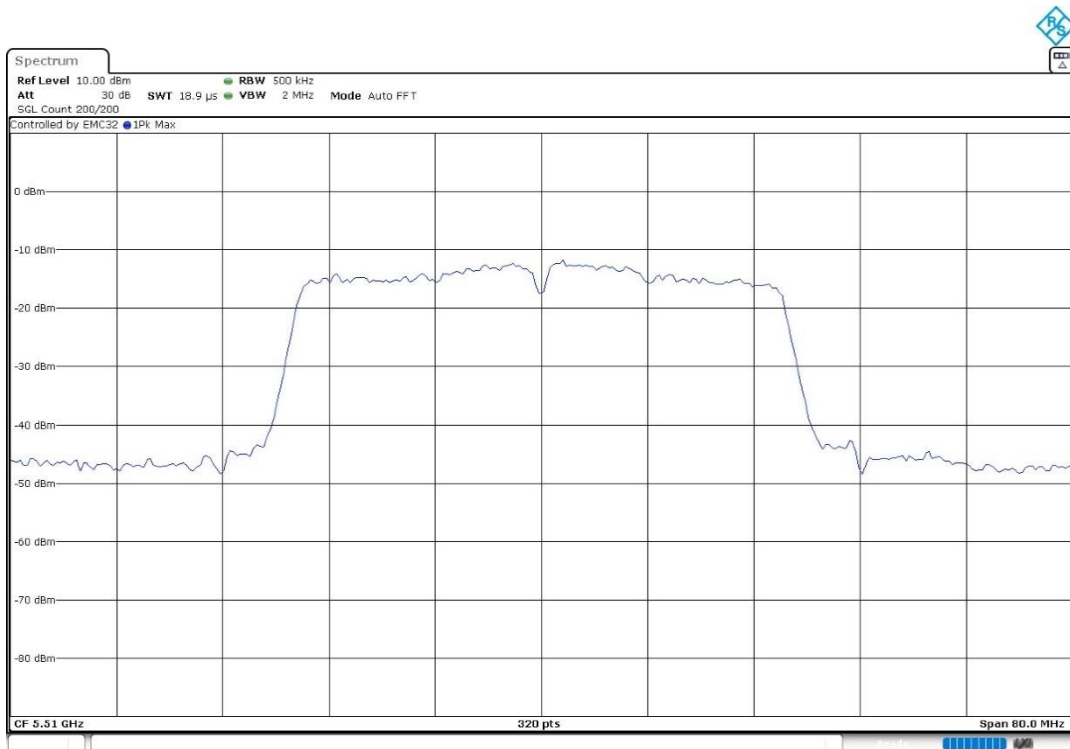
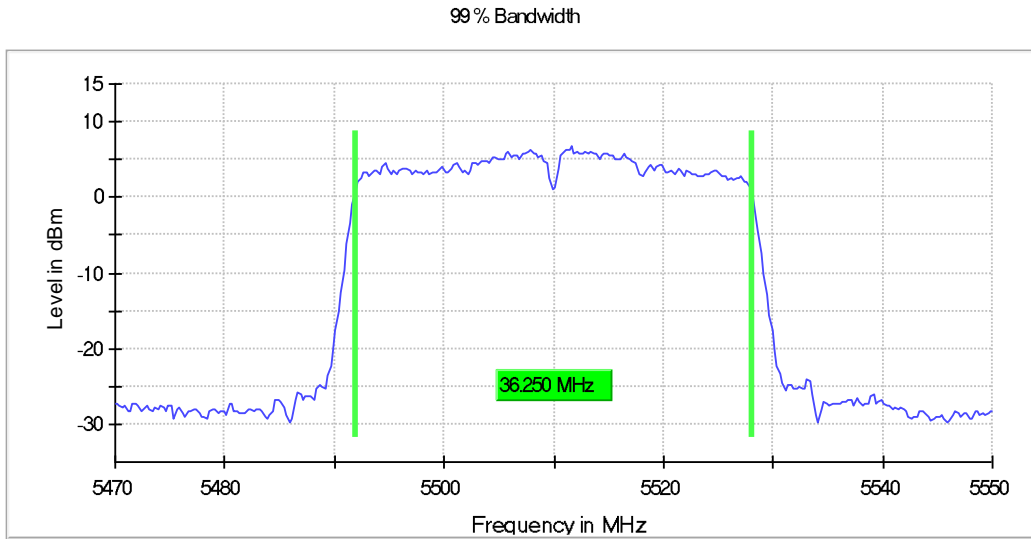


- High Channel 62 (5310 MHz):



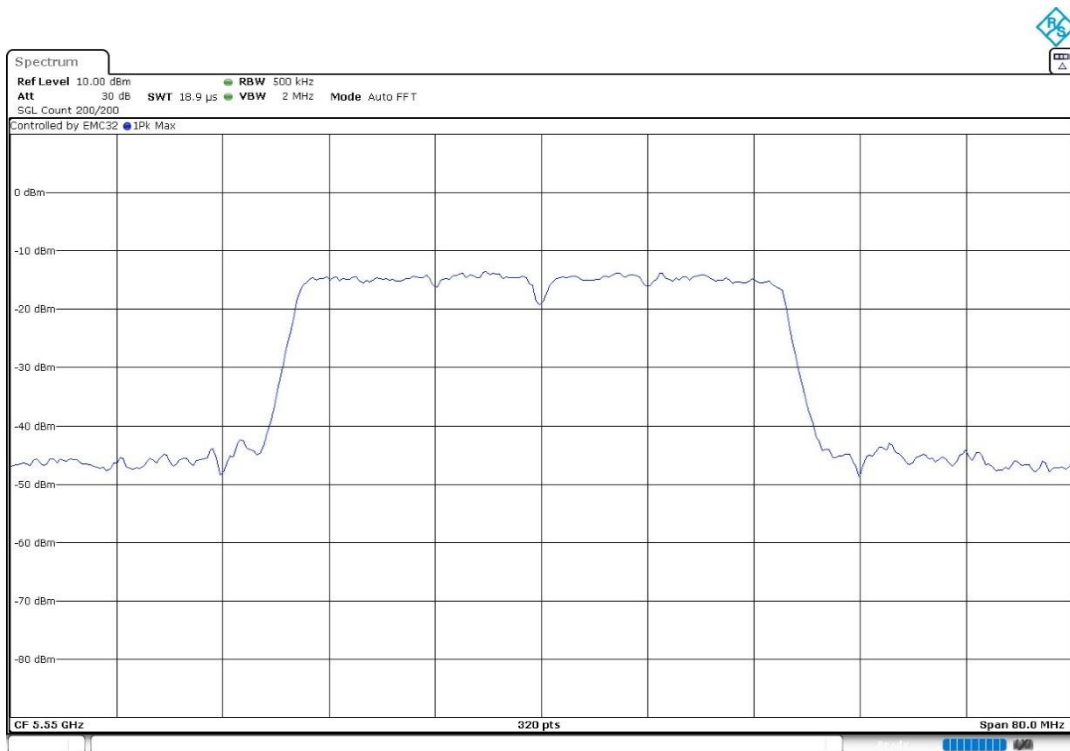
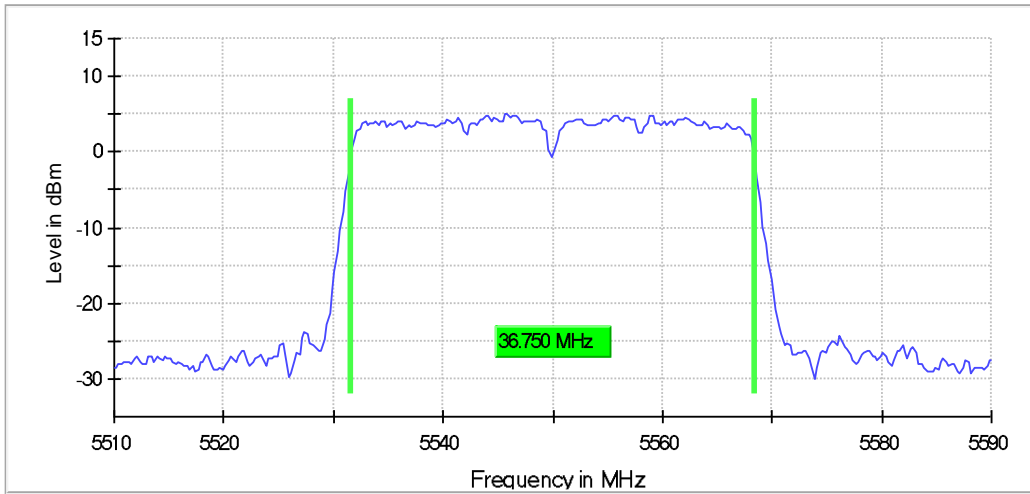
### U-NII-2C (5470-5725 MHz)

- Low Channel 102 (5510 MHz):

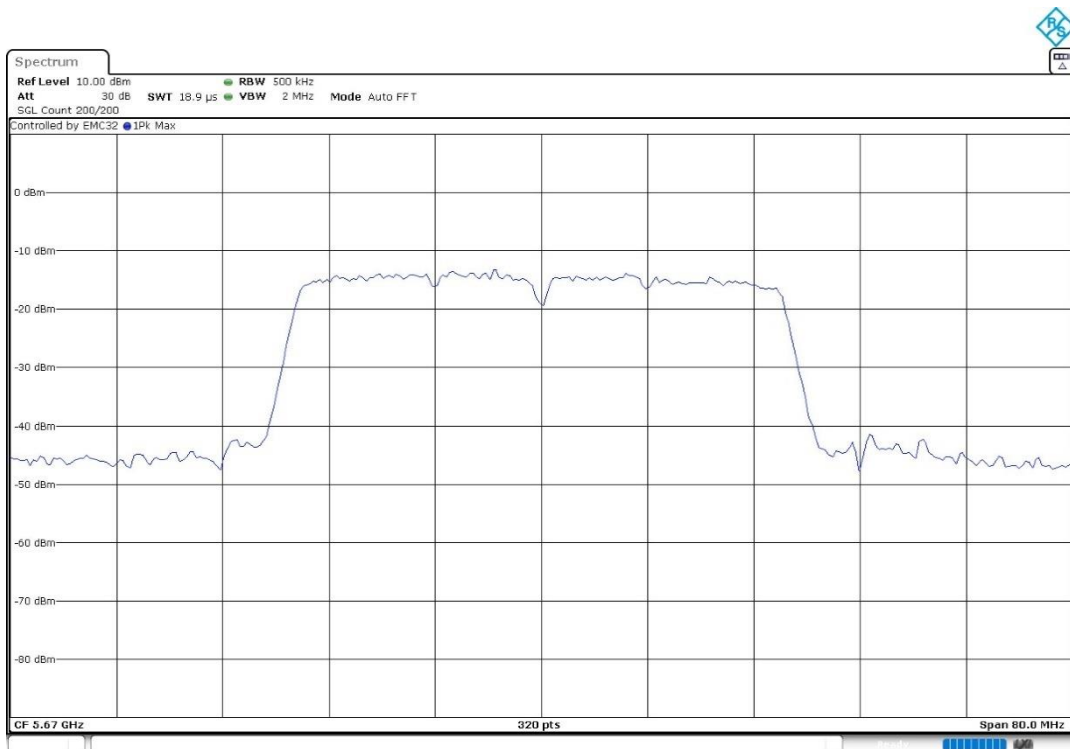
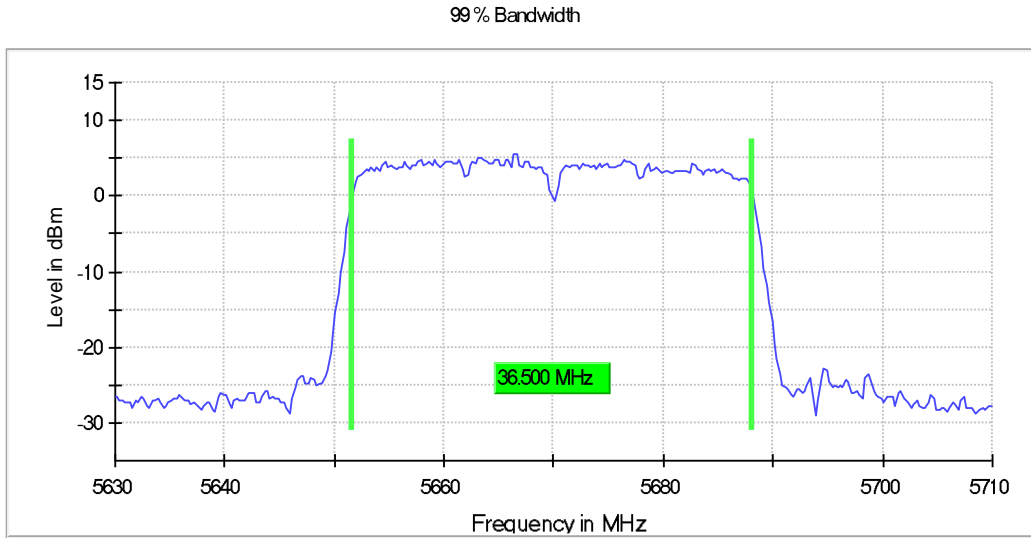


- Low Channel+1 110 (5550 MHz):

99% Bandwidth

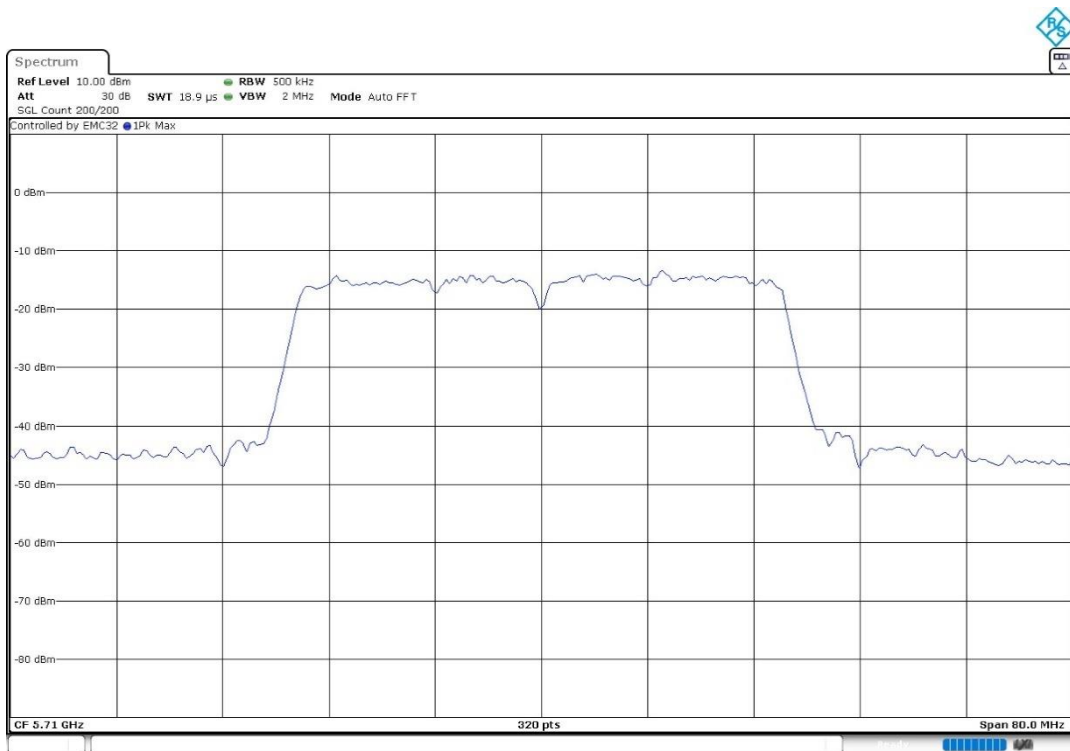
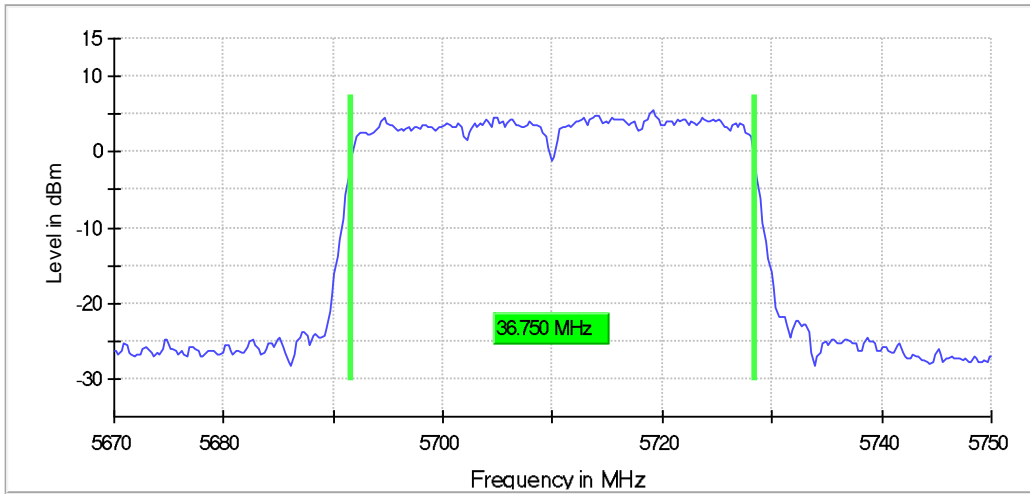


- High Channel 134 (5670 MHz):



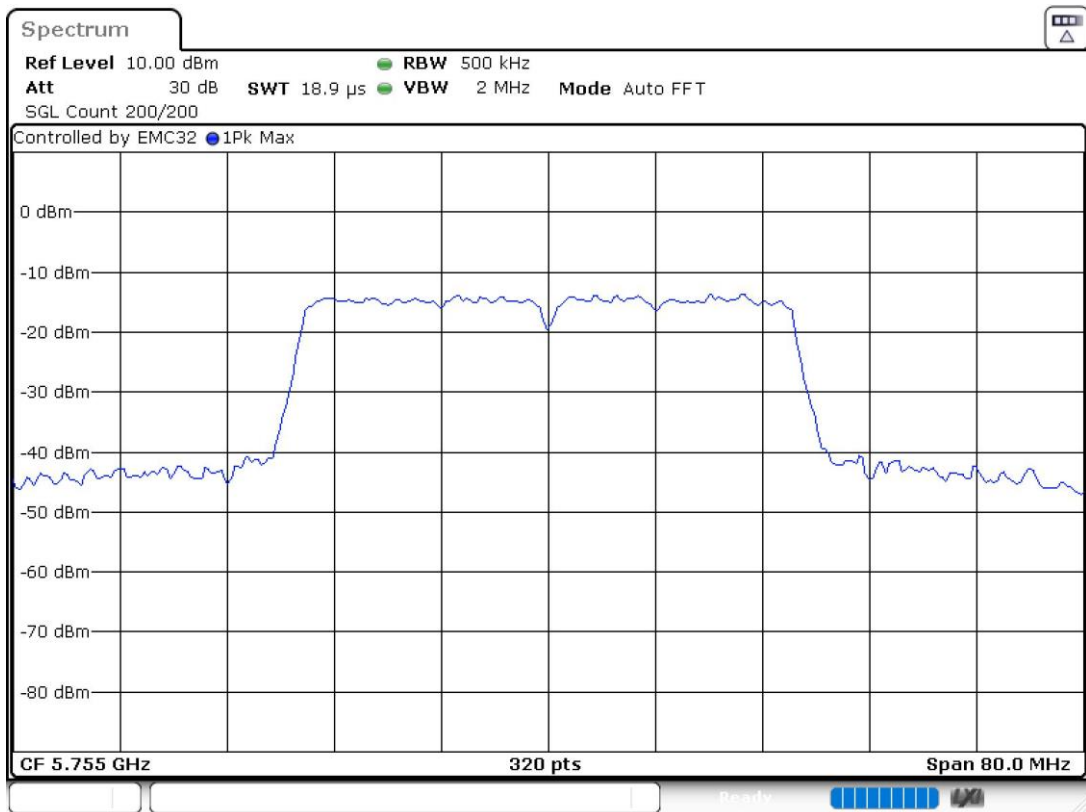
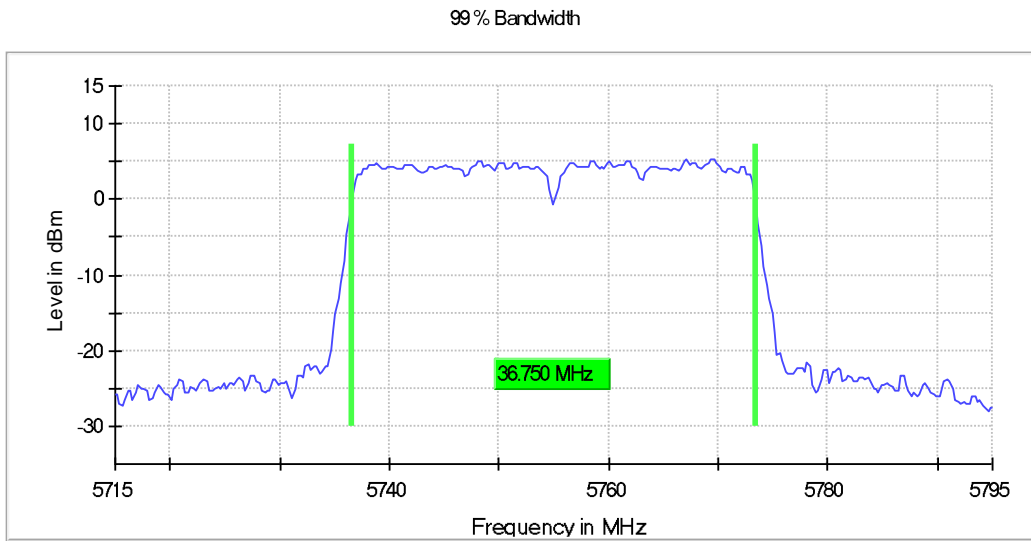
- Straddle Channel 142 (5710 MHz):

99% Bandwidth

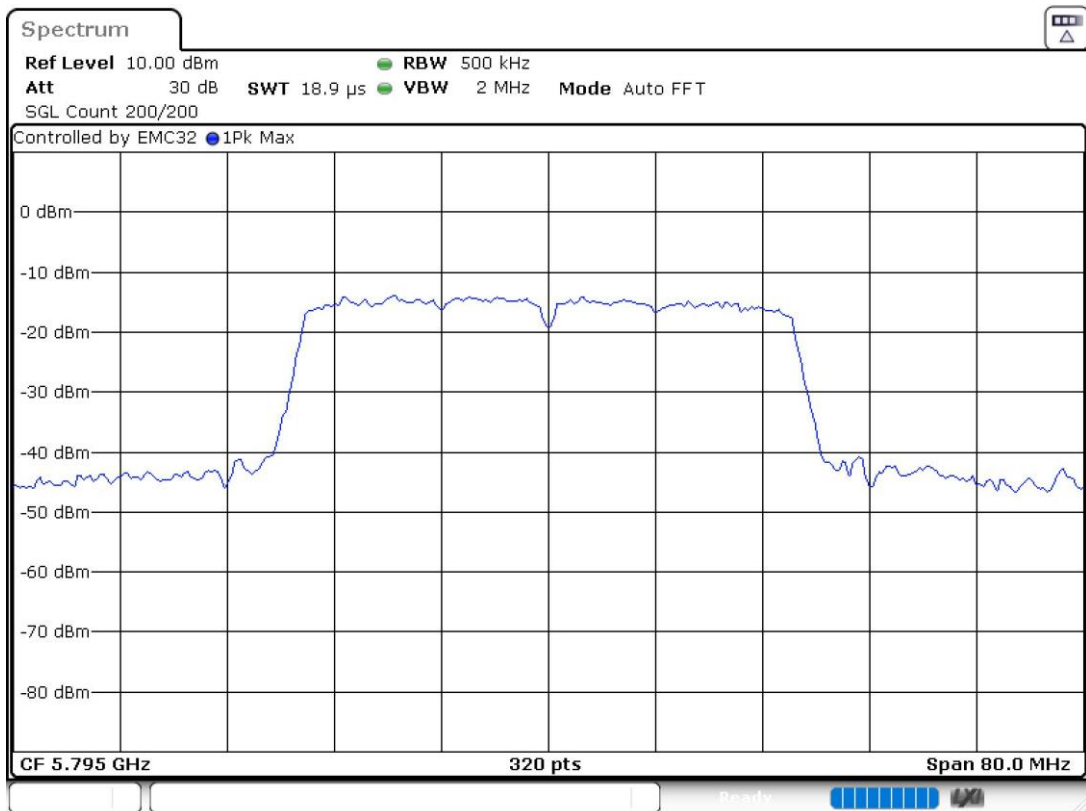
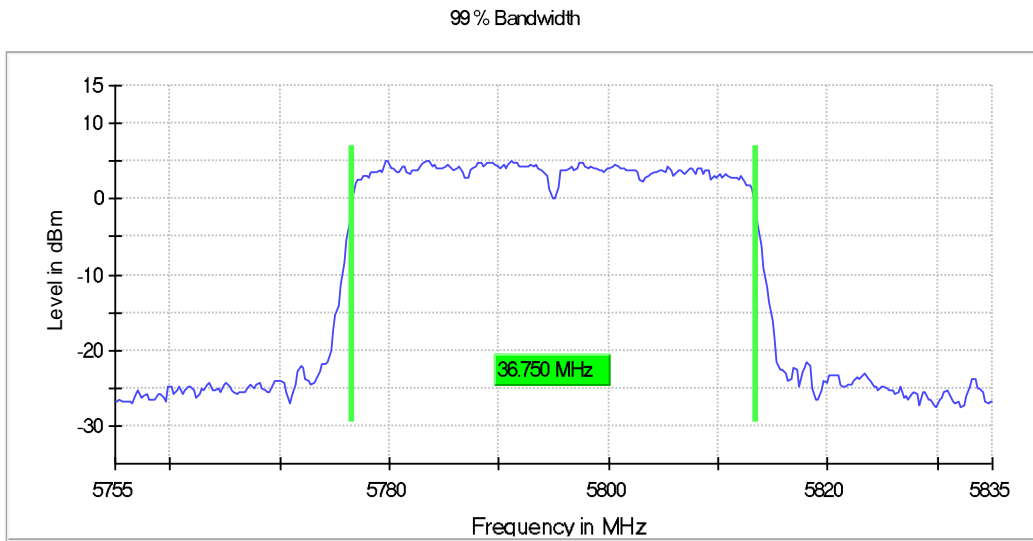


### U-NII-3 (5725-5850 MHz)

- Low Channel 151 (5755 MHz):



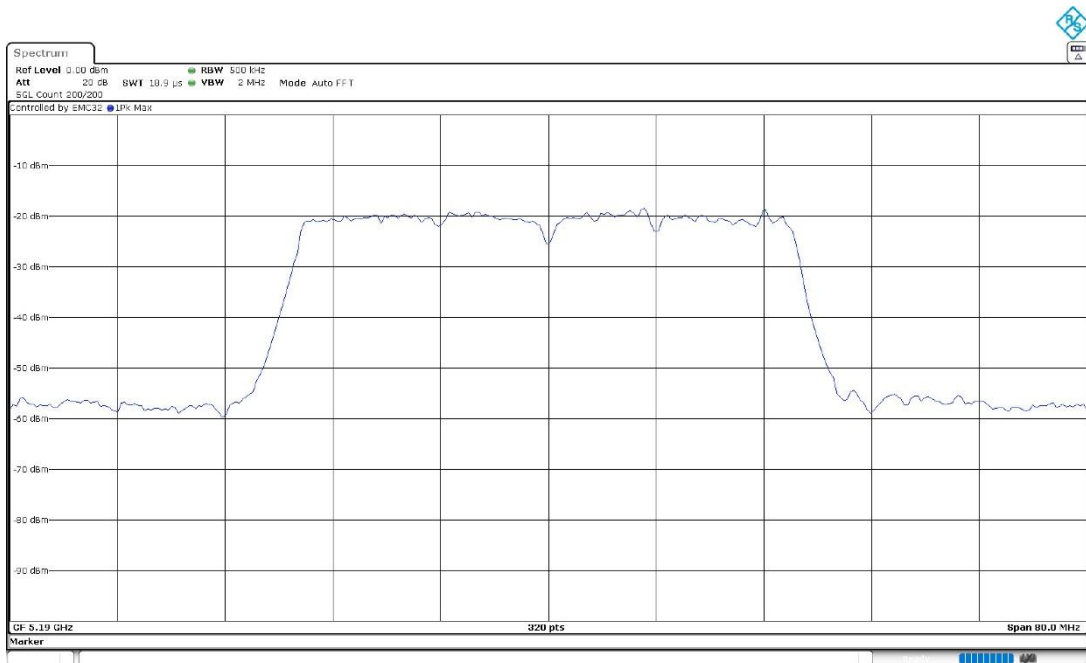
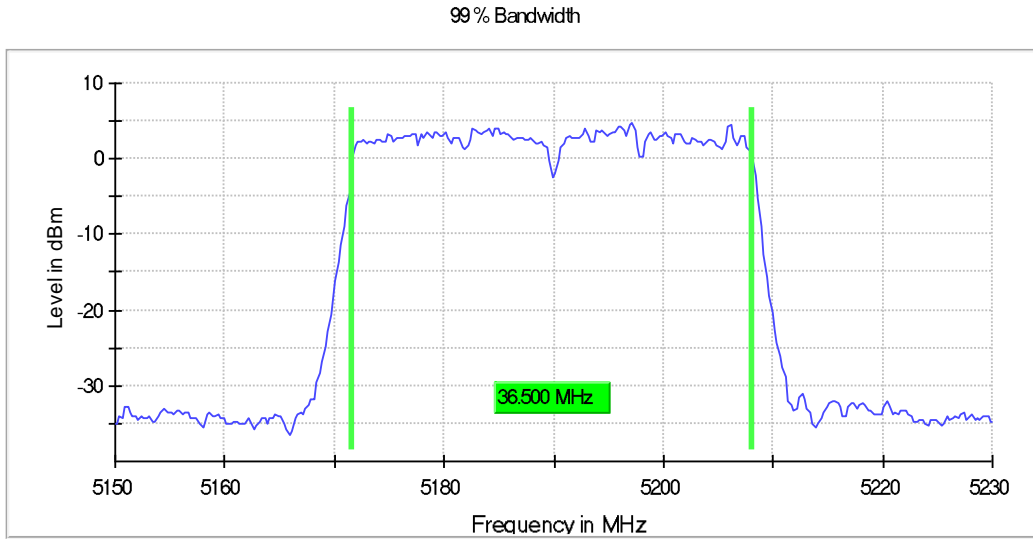
- High Channel 159 (5795 MHz):



SISO 802.11 ac40 (VHT40):

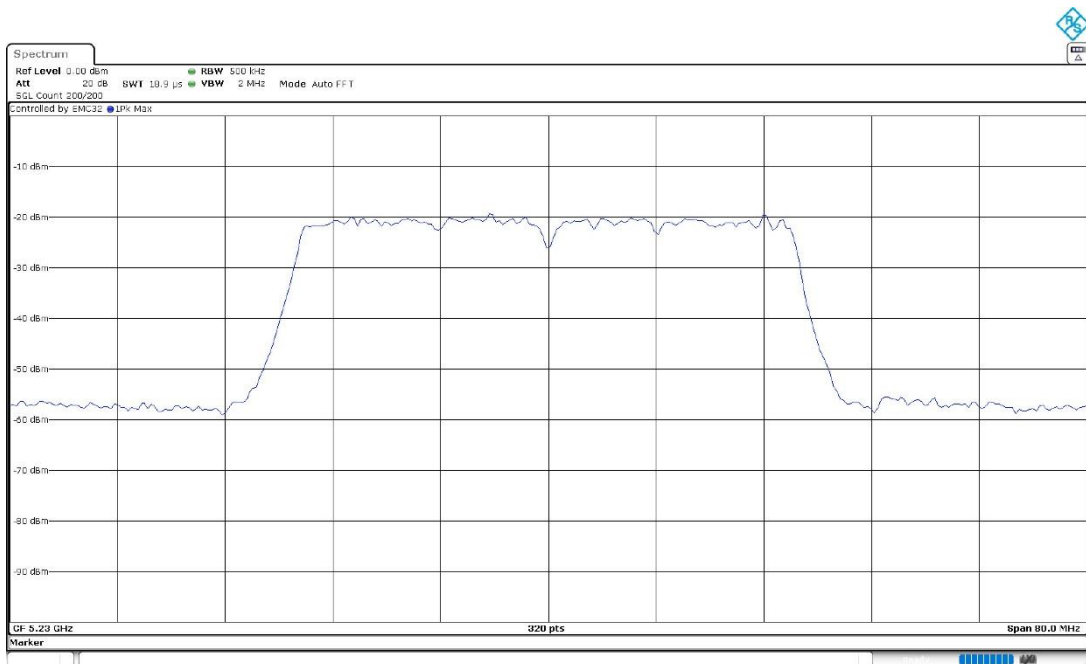
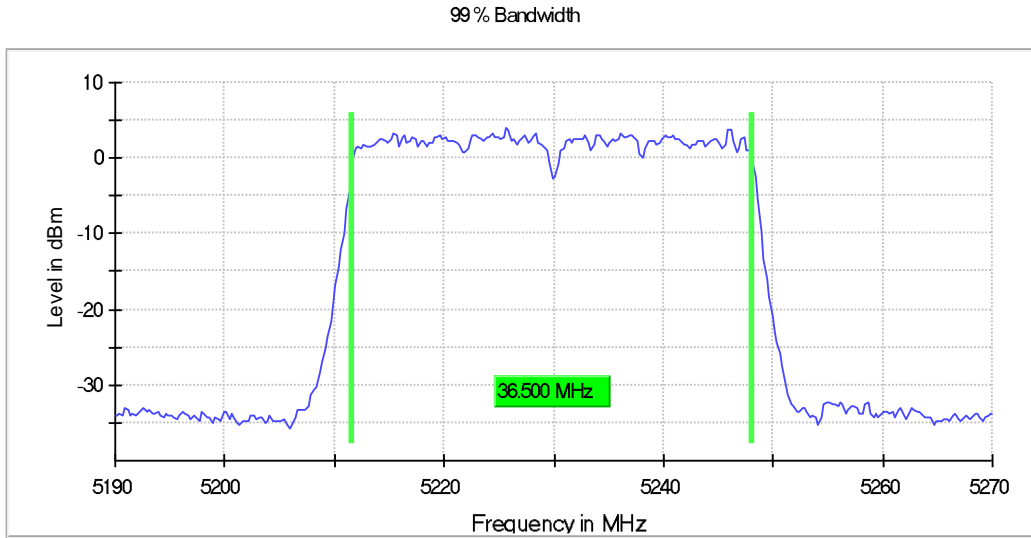
**U-NII-1 (5150-5250 MHz)**

- Low Channel 38 (5190 MHz):



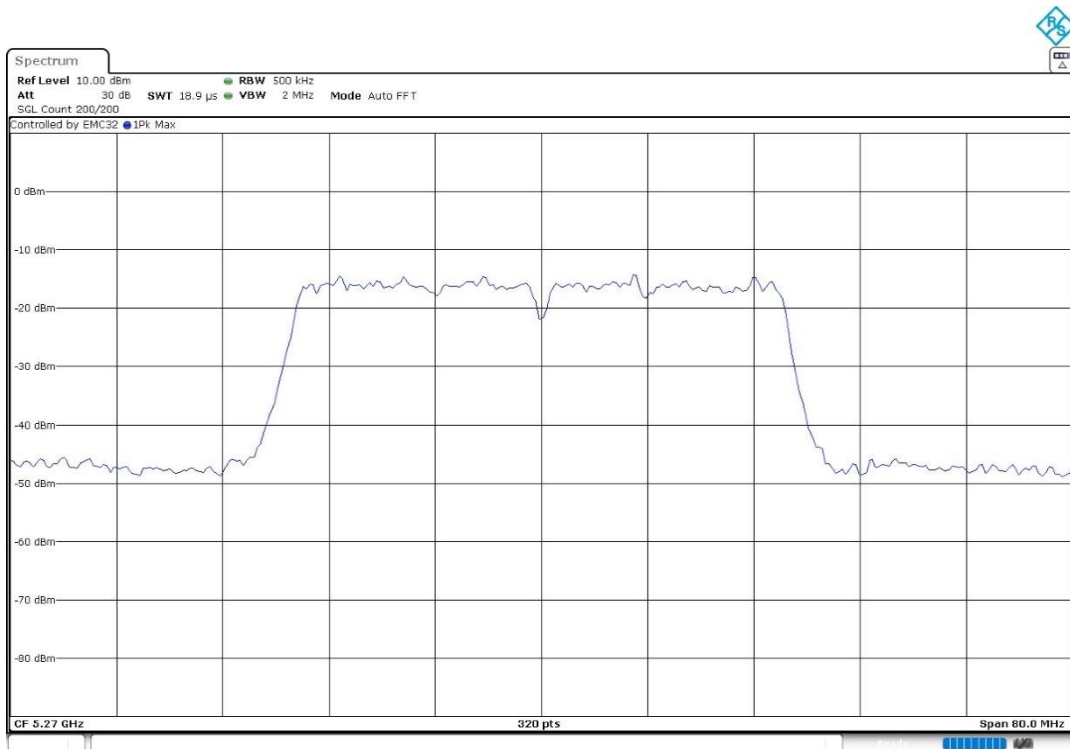
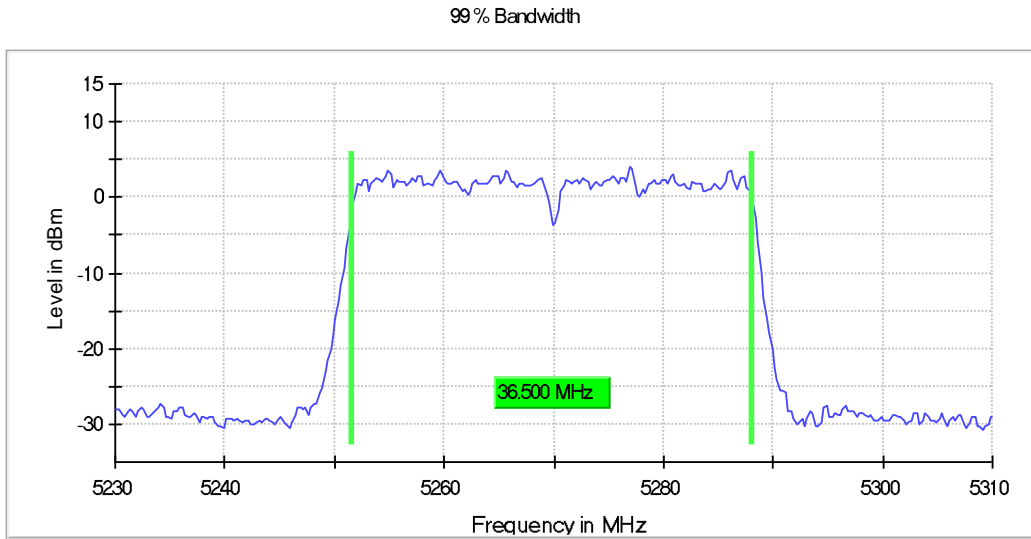


- High Channel 46 (5230 MHz):

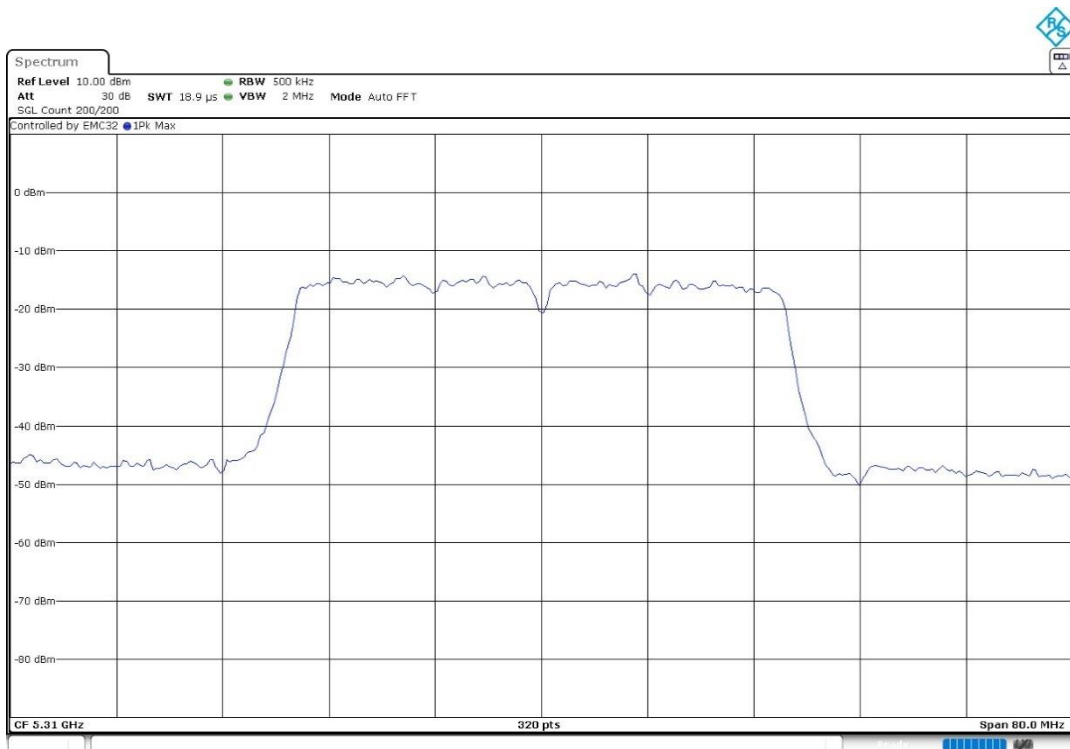
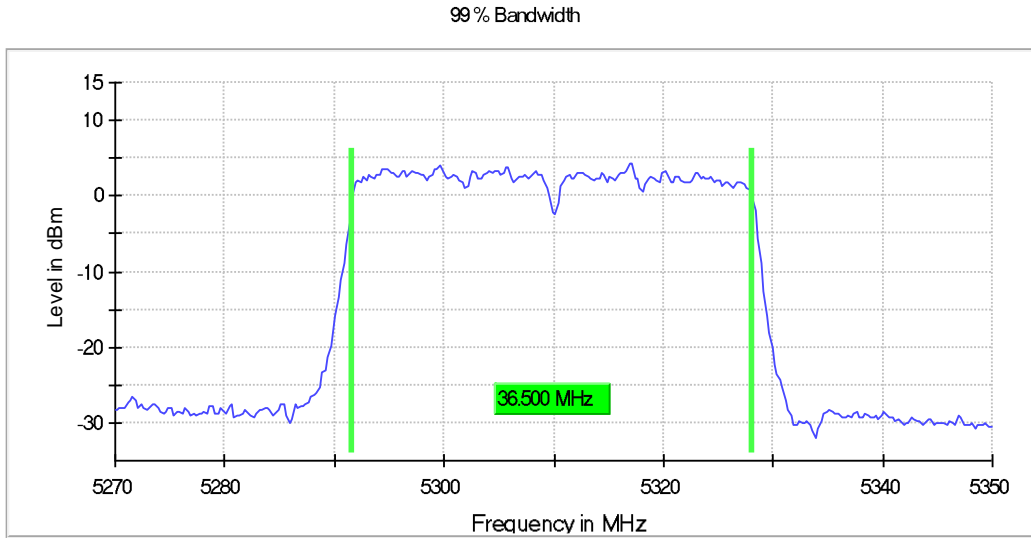


### U-NII-2A (5250-5350 MHz)

- Low Channel 54 (5270 MHz):

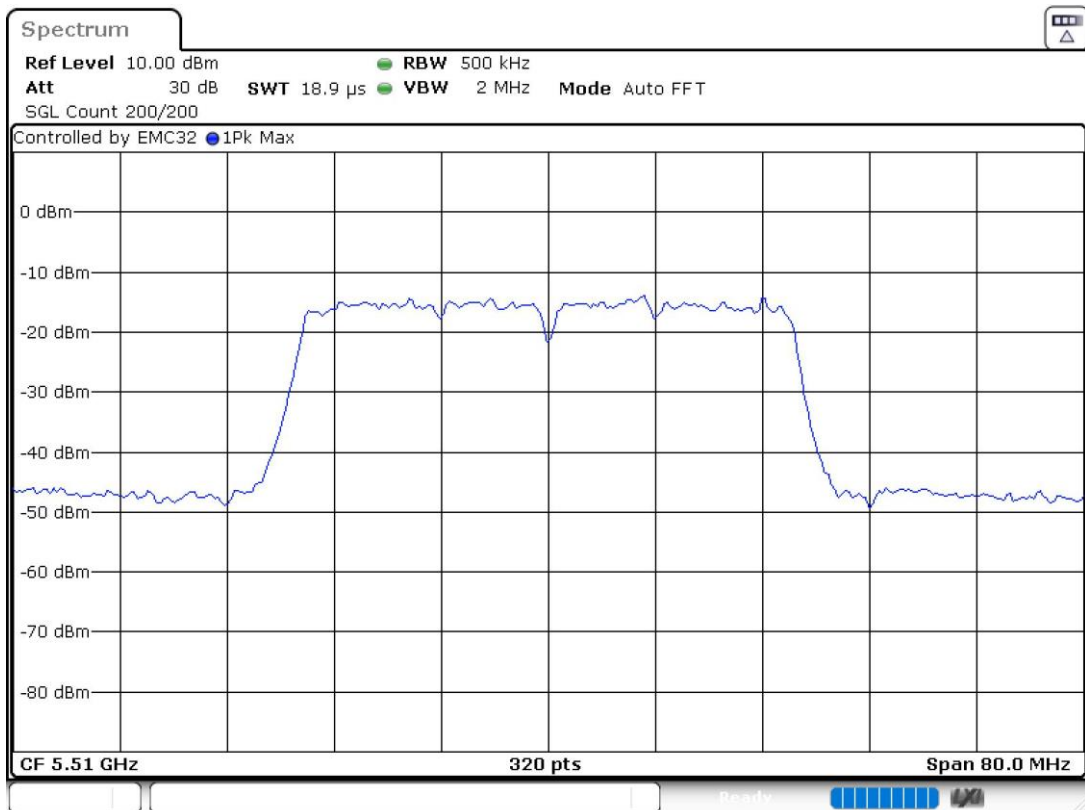
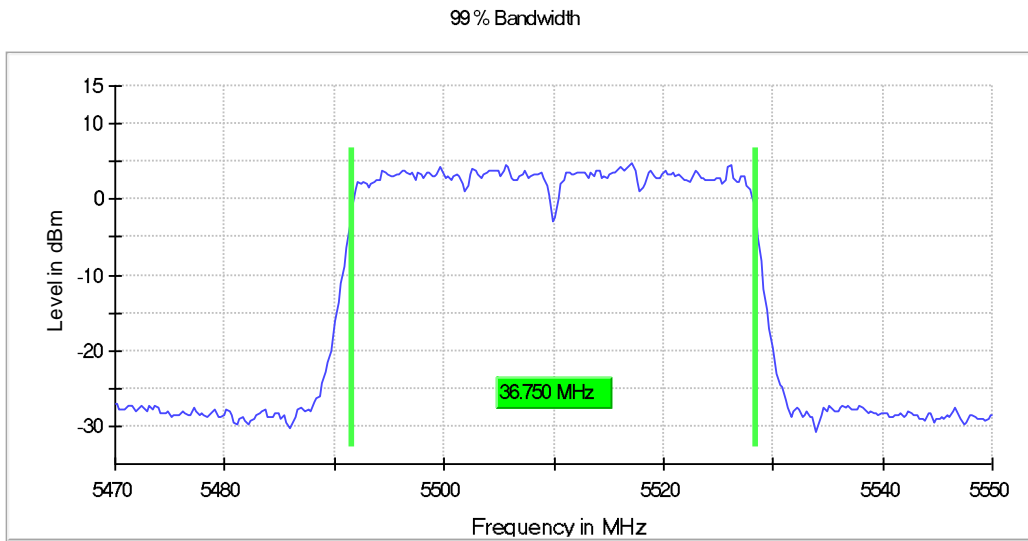


- High Channel 62 (5310 MHz):

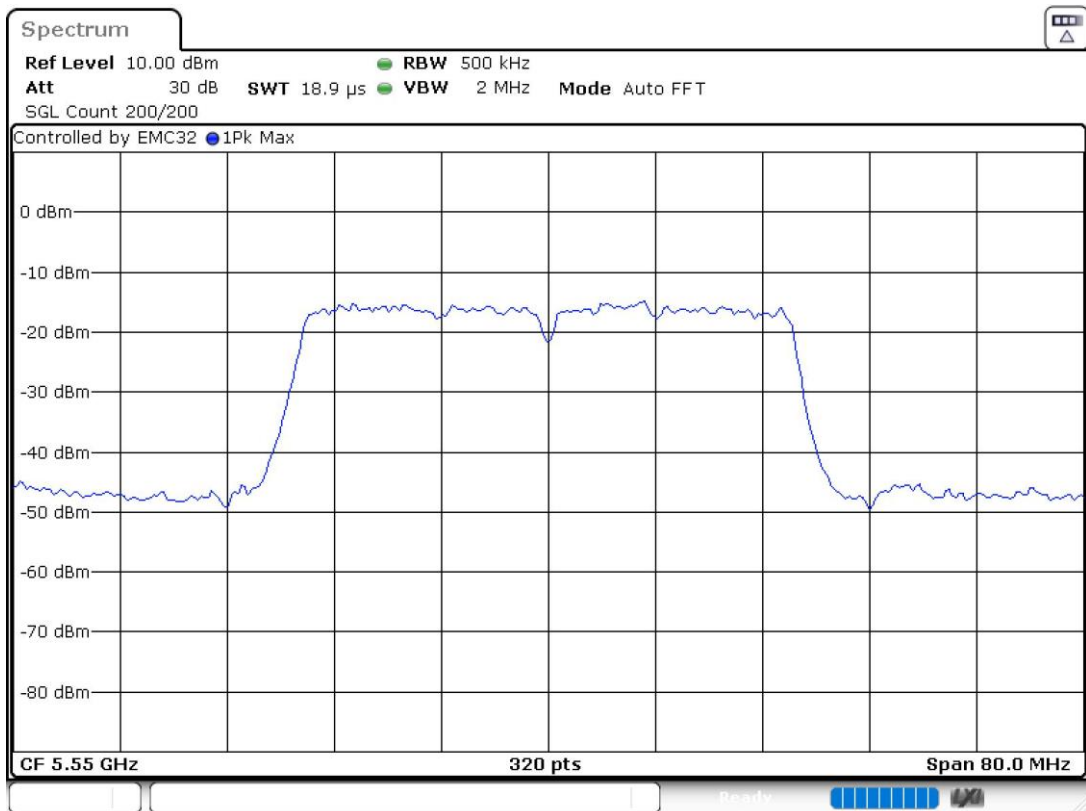
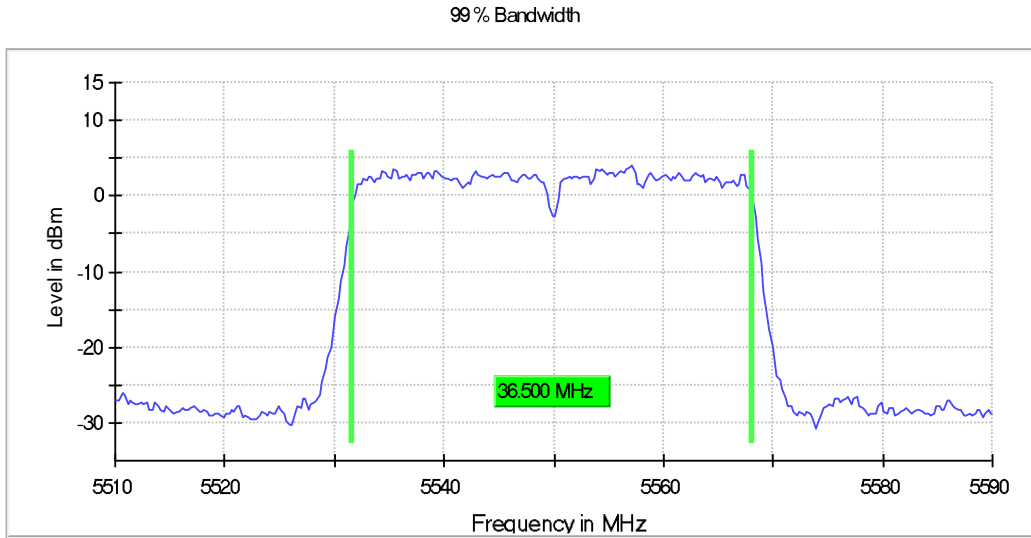


### U-NII-2C (5470-5725 MHz)

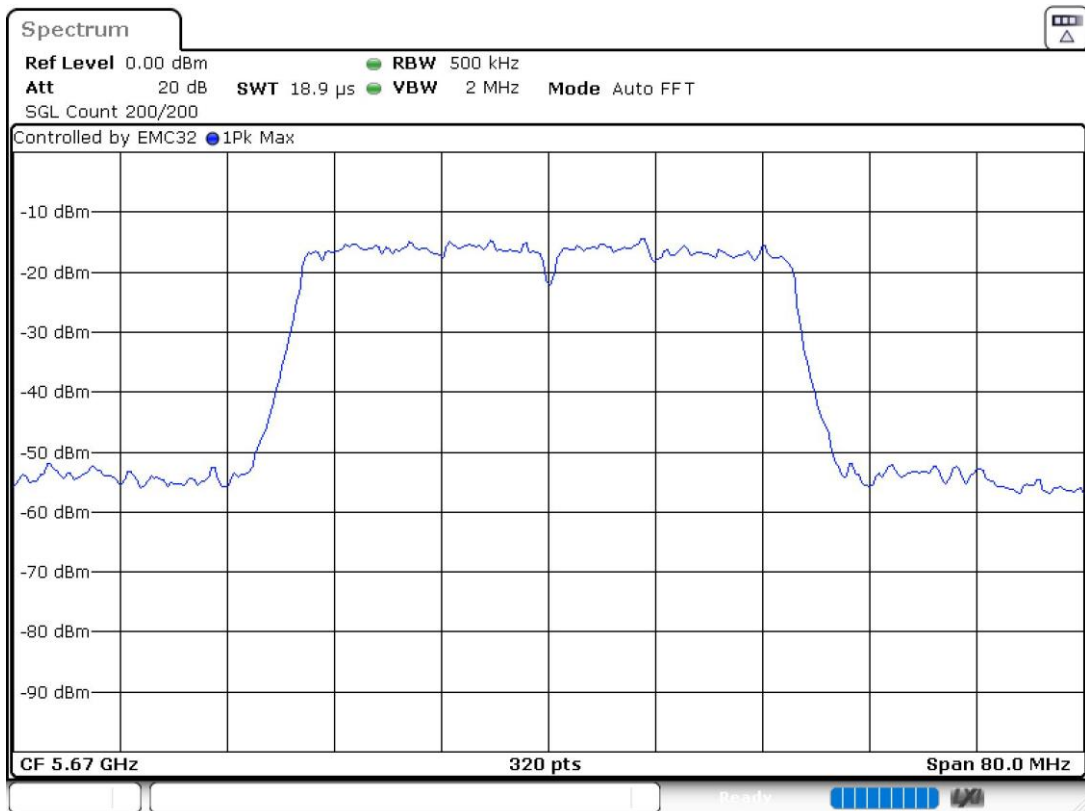
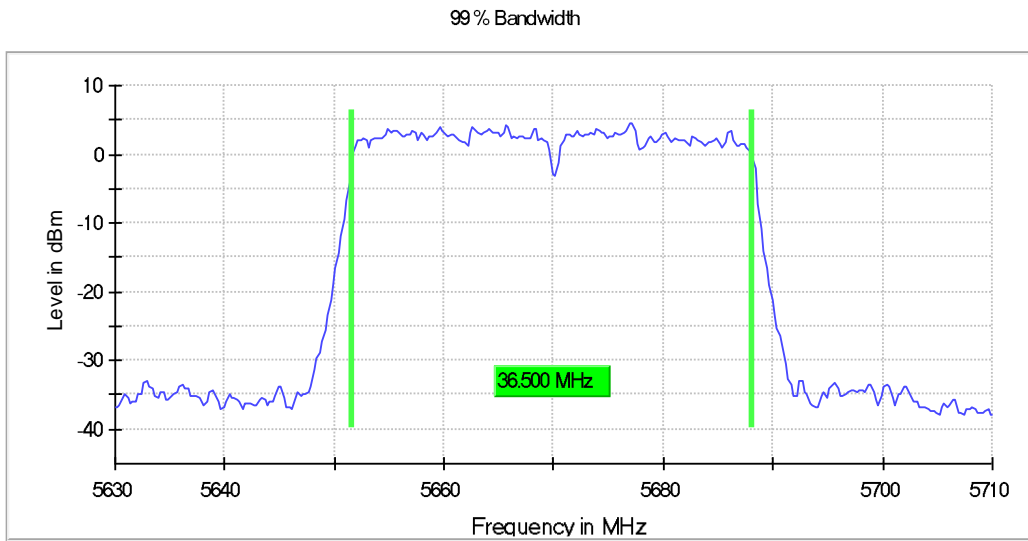
- Low Channel 102 (5510 MHz):



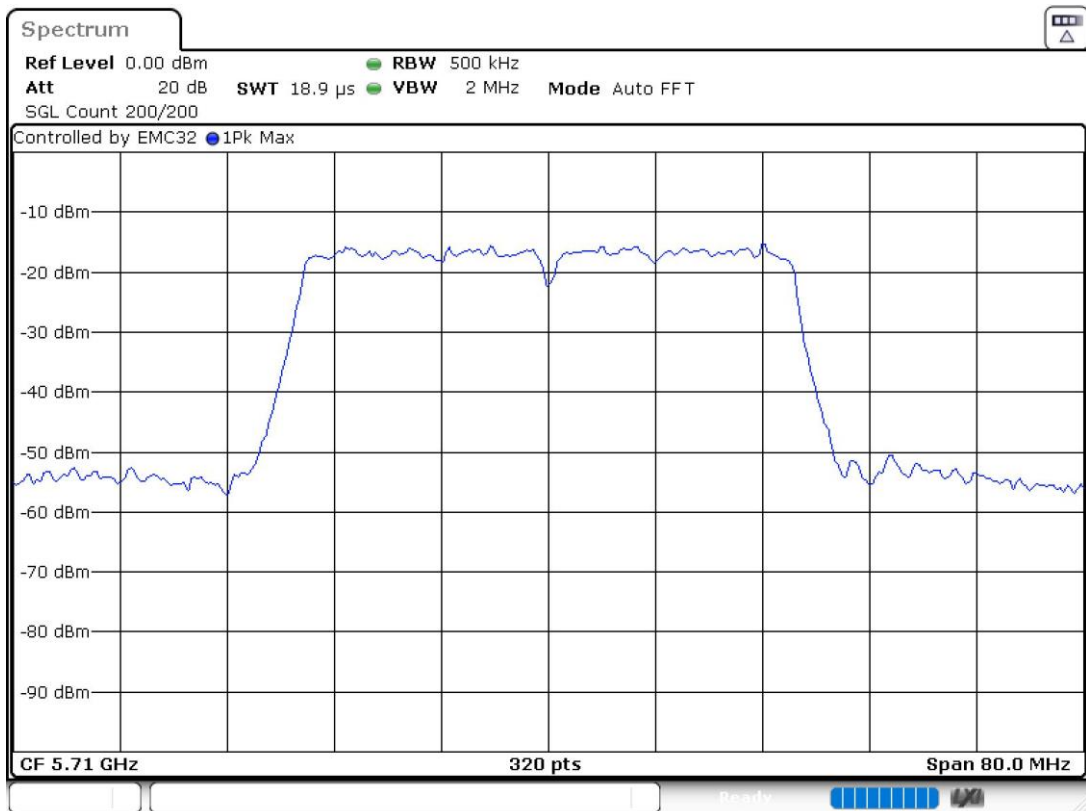
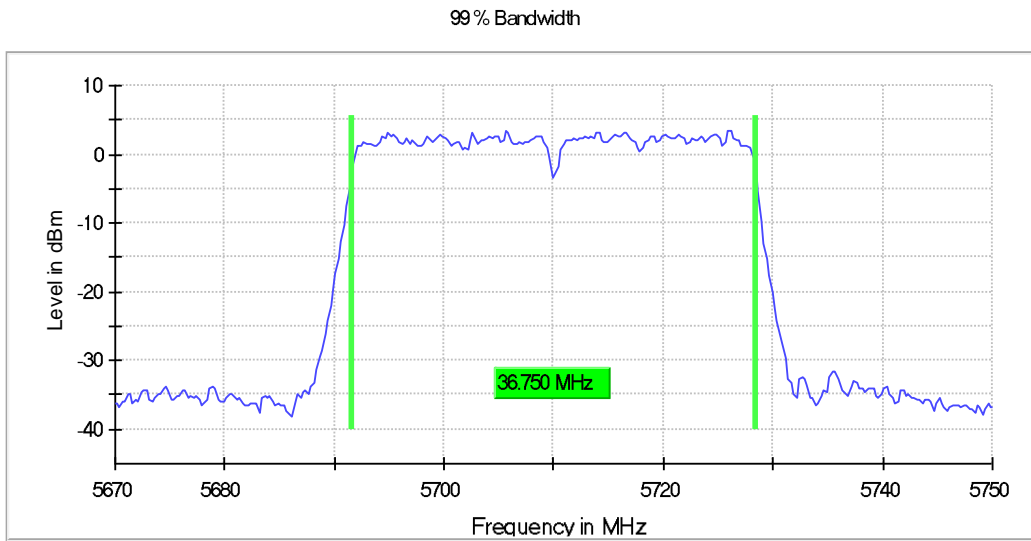
- Low Channel+1 110 (5550 MHz):



- High Channel 134 (5670 MHz):

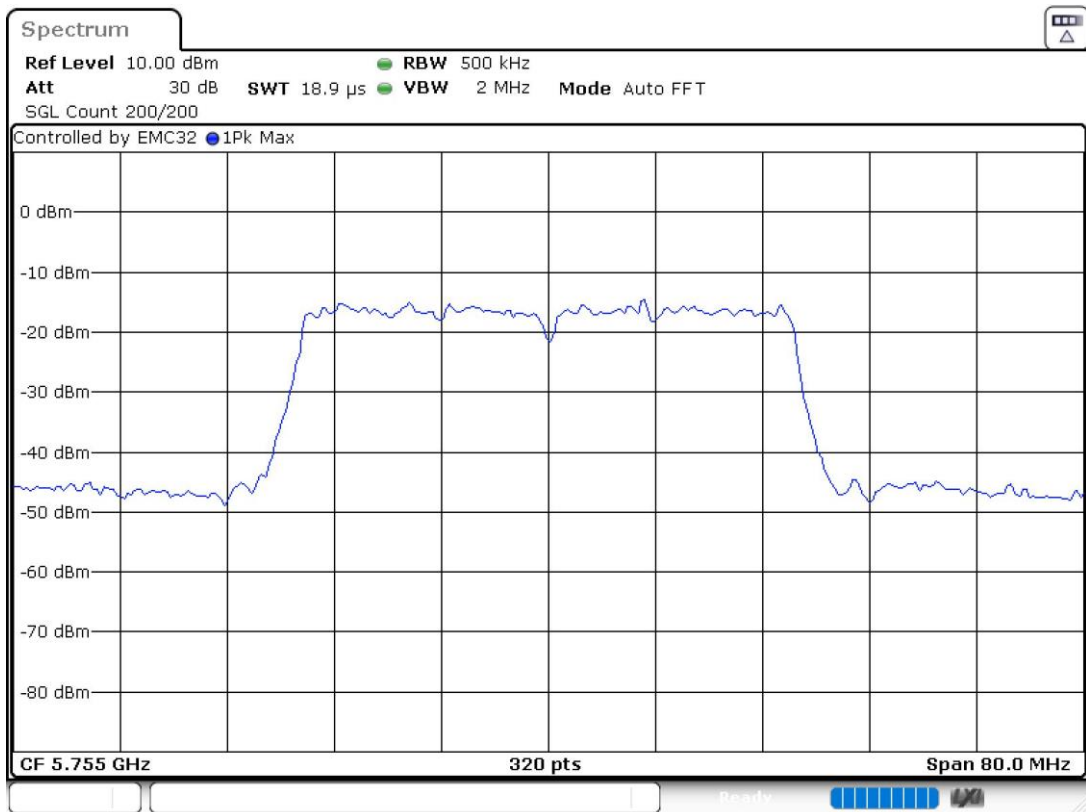
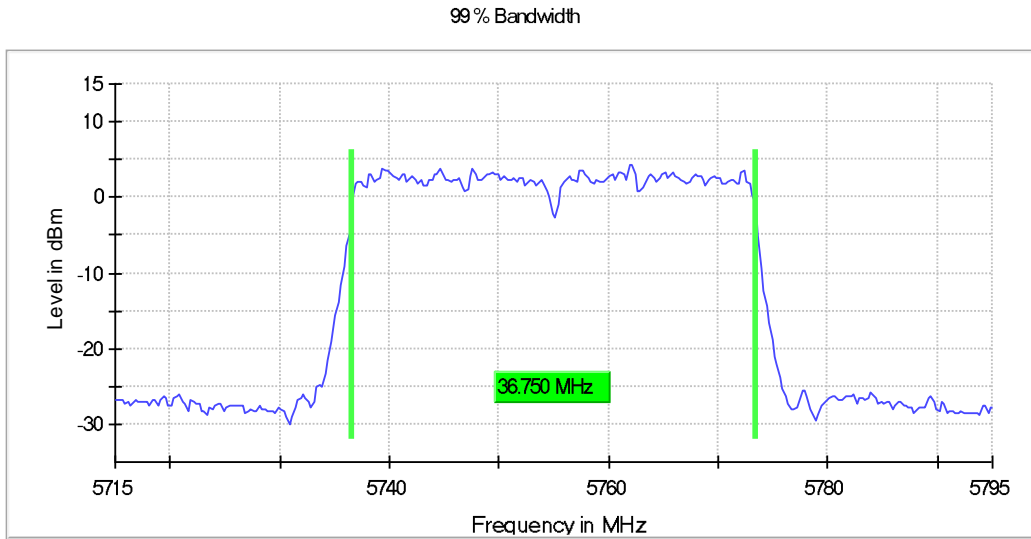


- Straddle Channel 142 (5710 MHz):



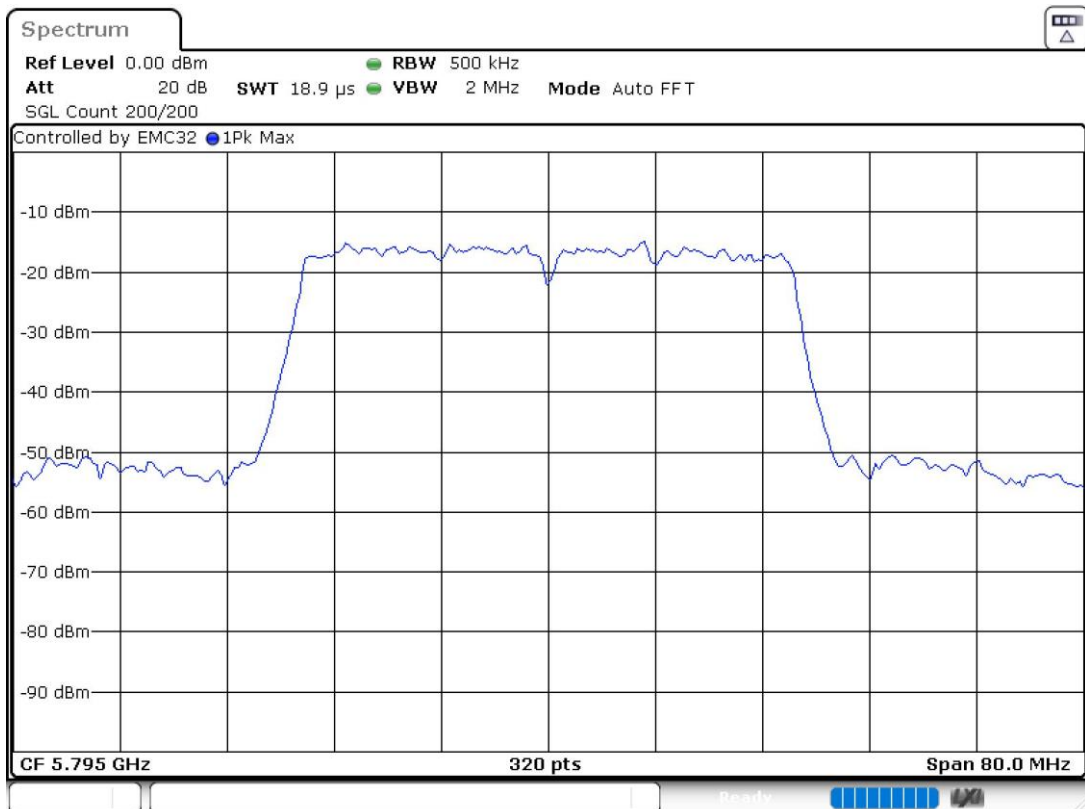
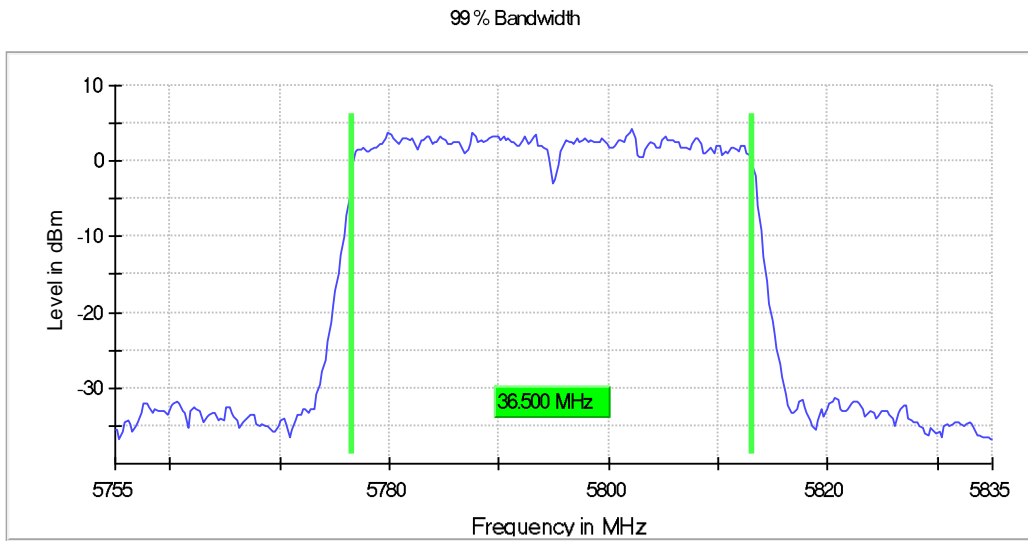
### U-NII-3 (5725-5850 MHz)

- Low Channel 151 (5755 MHz):





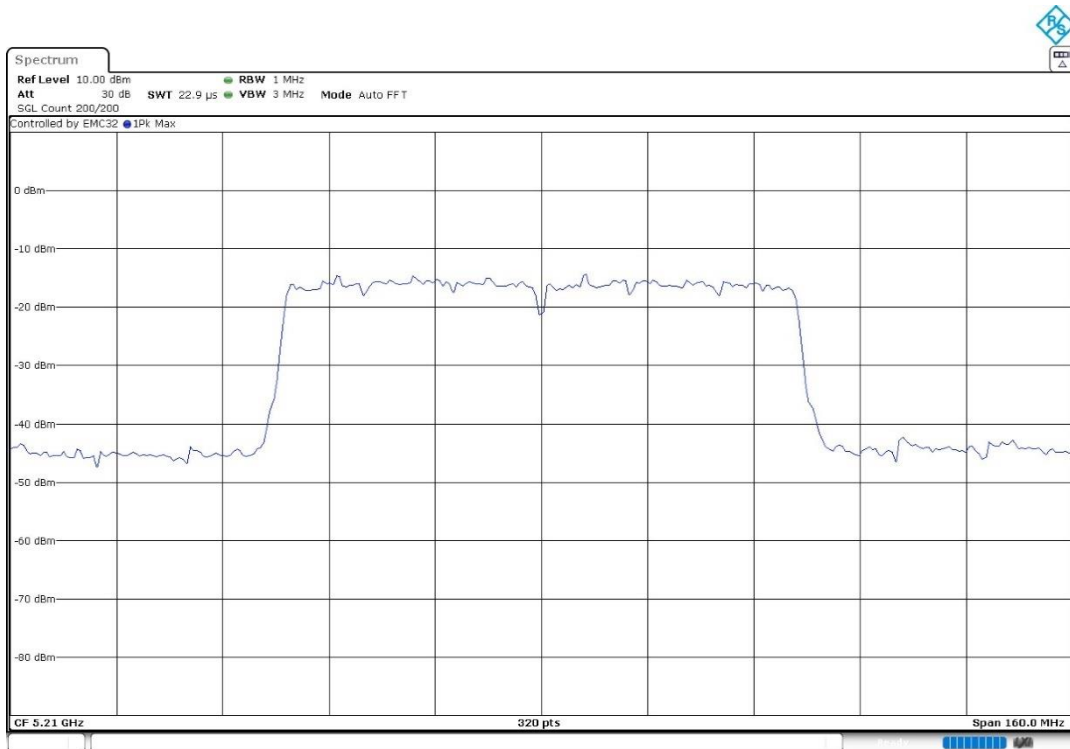
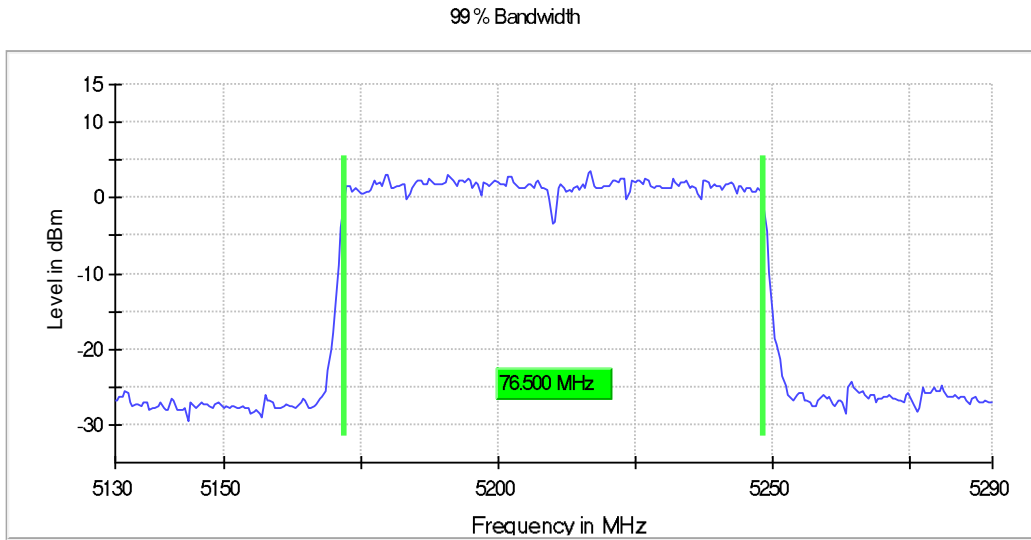
- High Channel 159 (5795 MHz):



**SISO 802.11 ac80 (VHT80):**

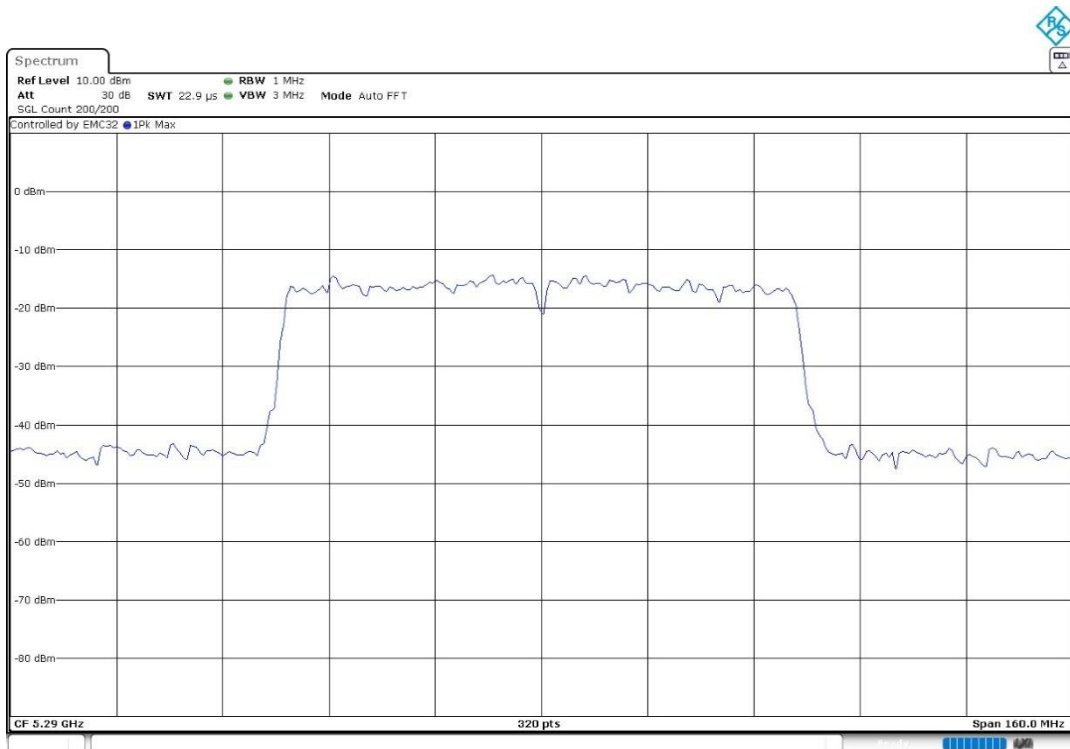
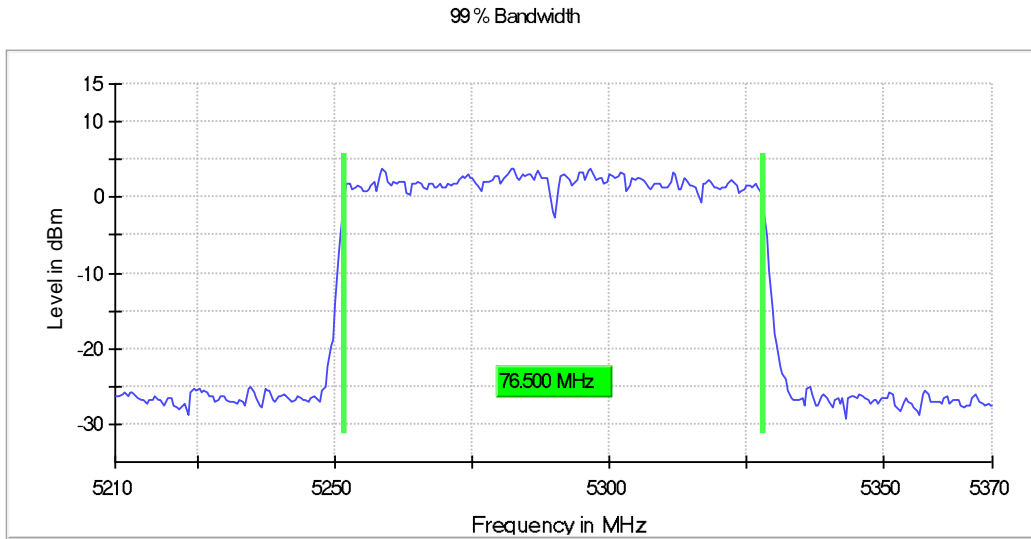
**U-NII-1 (5150-5250 MHz)**

- Single Channel 42 (5210 MHz):



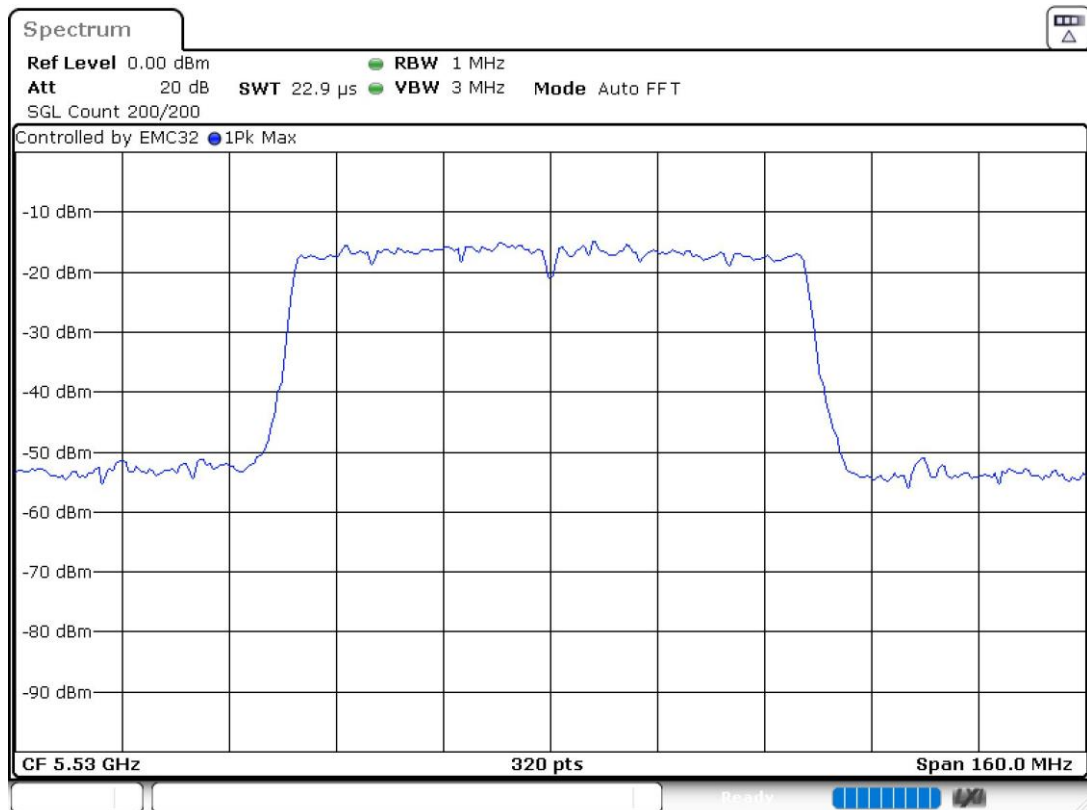
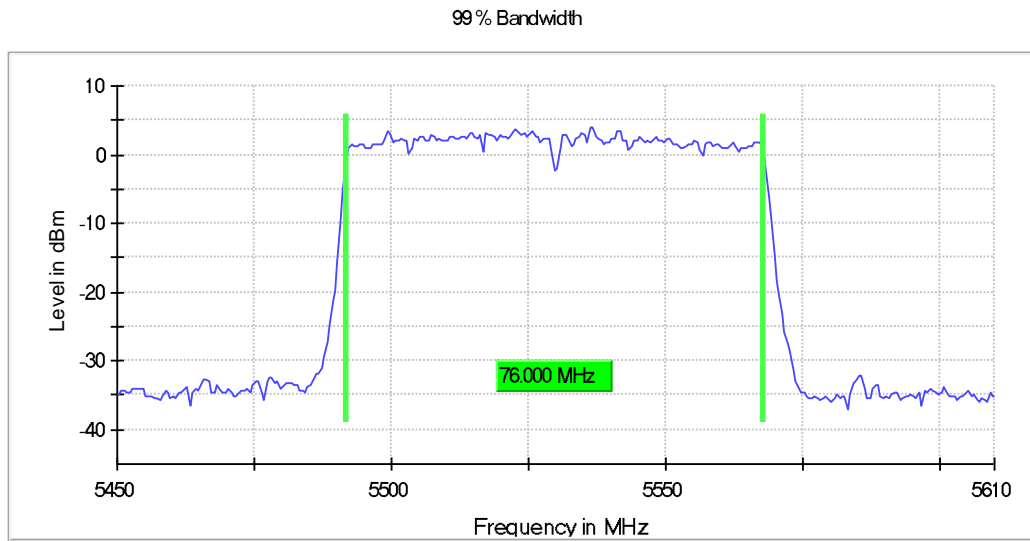
### U-NII-2A (5250-5350 MHz)

- Single Channel 58 (5290 MHz):

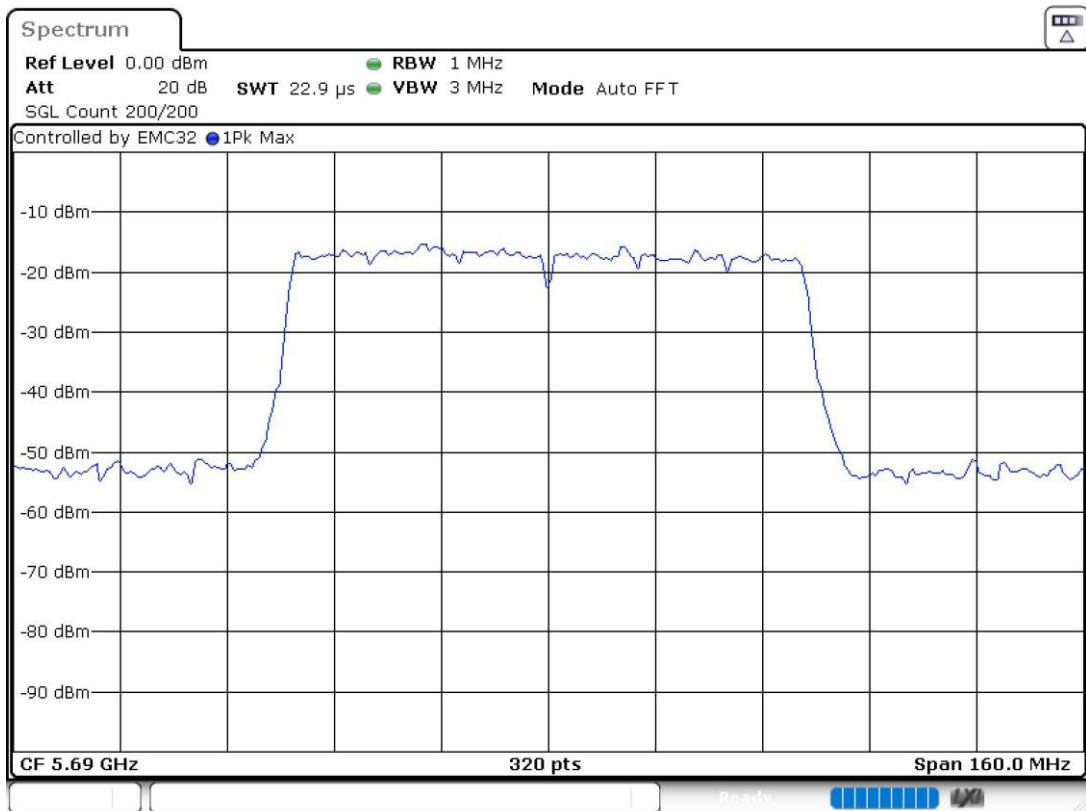
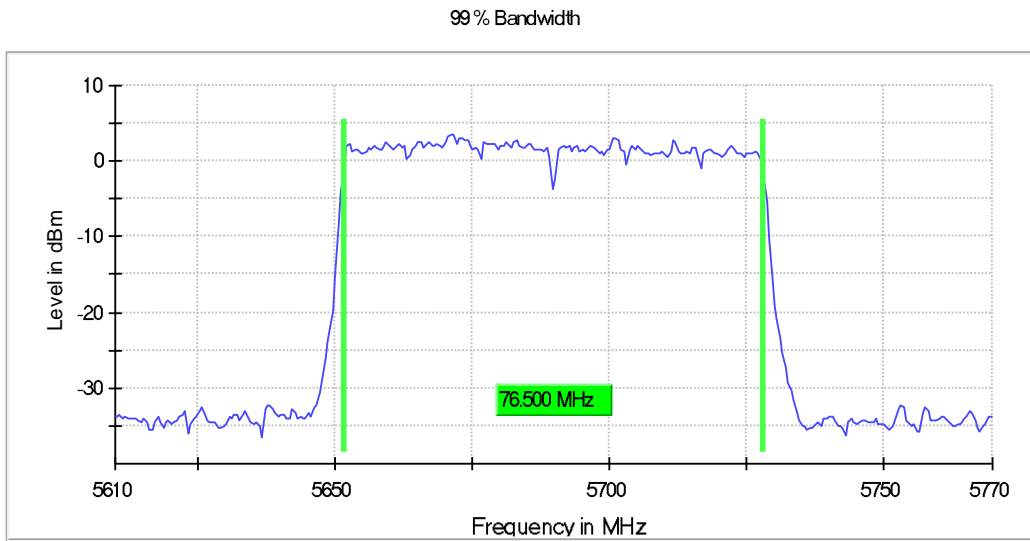


### U-NII-2C (5470-5725 MHz)

- Single Channel 106 (5530 MHz):

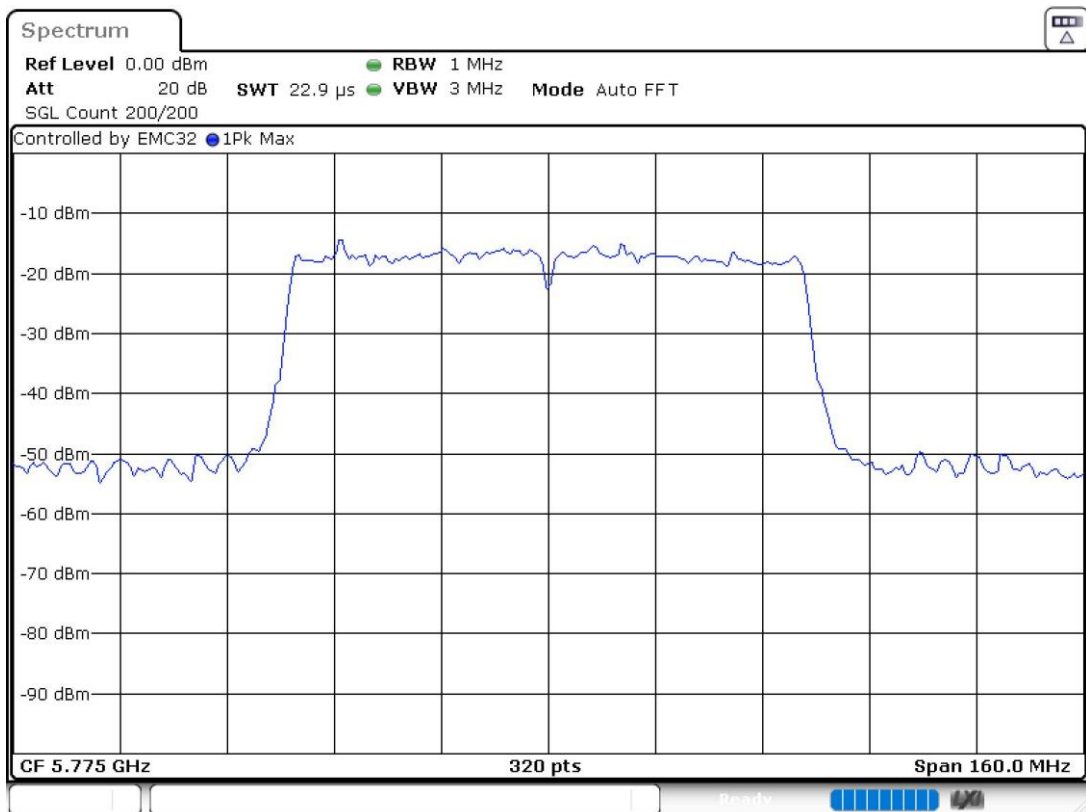
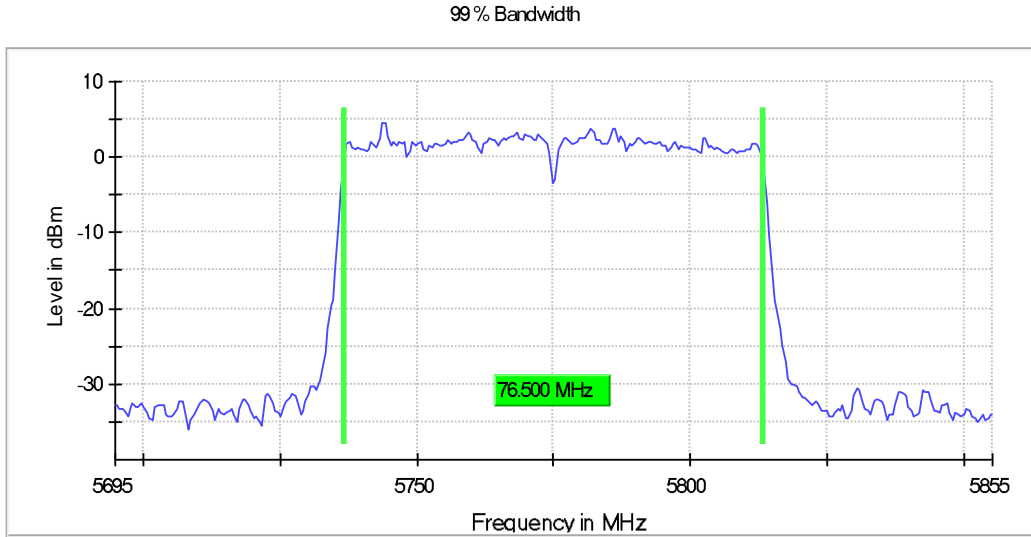


- Straddle Channel 138 (5690 MHz):



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

- Single Channel 155 (5775 MHz):



**MIMO 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)
99% Occupied Bandwidth (MHz)	16.40	16.50	16.50

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

Channels	Low Channel 52 (5260 MHz)	Middle Channel 56 (5280 MHz)	High Channel 64 (5320 MHz)
99% Occupied Bandwidth (MHz)	16.50	16.50	16.50

**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)
99% Occupied Bandwidth (MHz)	16.50	16.50	16.50	16.50

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

Channels	Low Channel 149 (5745 MHz)	Middle Channel 157 (5785 MHz)	High Channel 165 (5825 MHz)
99% Occupied Bandwidth (MHz)	16.50	16.50	16.50

**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)
99% Occupied Bandwidth (MHz)	16.50	16.50	16.50

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

Channels	Low Channel 52 (5260 MHz)	Middle Channel 56 (5280 MHz)	High Channel 64 (5320 MHz)
99% Occupied Bandwidth (MHz)	16.50	16.50	16.50

**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)
99% Occupied Bandwidth (MHz)	16.50	16.50	16.50	16.50

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

Channels	Low Channel 149 (5745 MHz)	Middle Channel 157 (5785 MHz)	High Channel 165 (5825 MHz)
99% Occupied Bandwidth (MHz)	16.50	16.50	16.50

**MIMO 802.11 n40 (HT40):**

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

Channels	Low Channel 38 (5190 MHz)	High Channel 46 (5230 MHz)
99% Occupied Bandwidth (MHz)	36.25	36.25

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

Channels	Low Channel 54 (5270 MHz)	High Channel 62 (5310 MHz)
99% Occupied Bandwidth (MHz)	36.25	36.25

**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)
99% Occupied Bandwidth (MHz)	36.25	36.25	36.25	36.50

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

Channels	Low Channel 151 (5755 MHz)	High Channel 159 (5795 MHz)
99% Occupied Bandwidth (MHz)	36.50	36.25

**MIMO 802.11 ac40 (VHT40):**

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

Channels	Low Channel 38 (5190 MHz)	High Channel 46 (5230 MHz)
99% Occupied Bandwidth (MHz)	36.50	36.25



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

Channels	Low Channel 54 (5270 MHz)	High Channel 62 (5310 MHz)
99% Occupied Bandwidth (MHz)	36.50	36.50

**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)
99% Occupied Bandwidth (MHz)	36.50	36.50	36.50	36.50

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

Channels	Low Channel 151 (5755 MHz)	High Channel 159 (5795 MHz)
99% Occupied Bandwidth (MHz)	36.50	36.50

**MIMO 802.11 ac80 (VHT80):**

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

Channels	Single Channel 42 (5210 MHz)
99% Occupied Bandwidth (MHz)	76.50

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

Channels	Single Channel 58 (5290 MHz)
99% Occupied Bandwidth (MHz)	76.50

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

Channels	Single Channel 106 (5530 MHz)	Straddle Channel 138 (5690 MHz)
99% Occupied Bandwidth (MHz)	76.50	76.50

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

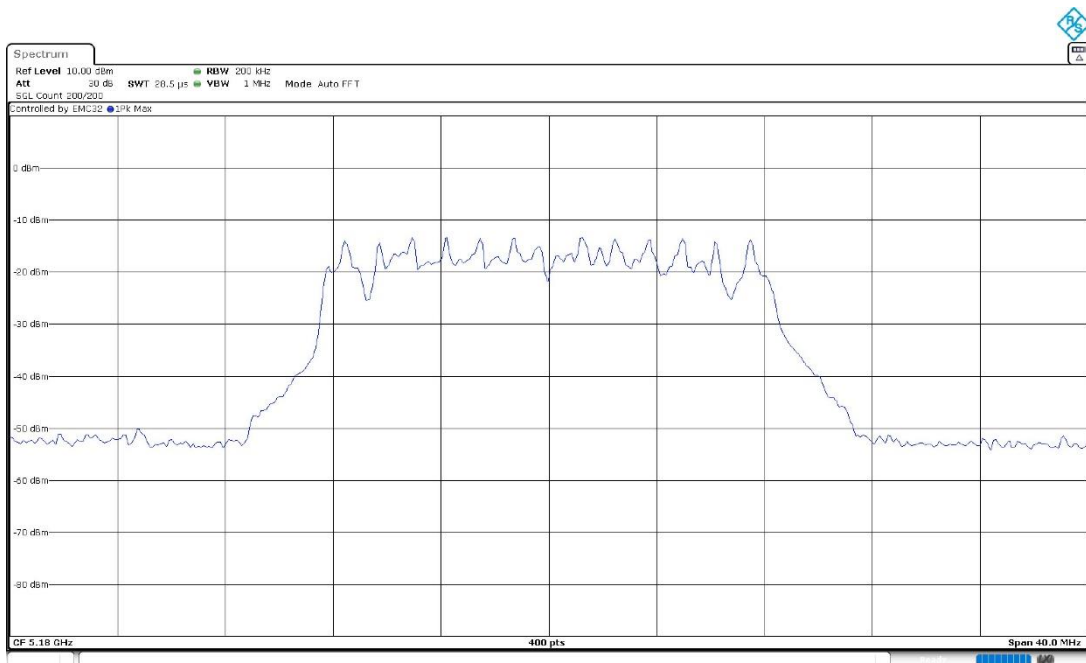
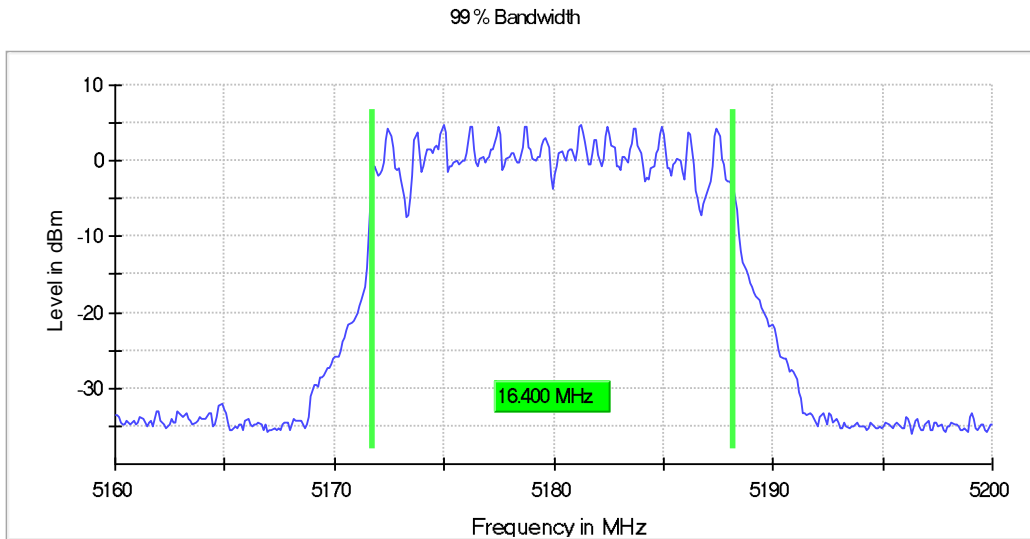
Channels	Single Channel 155 (5775 MHz)
99% Occupied Bandwidth (MHz)	76.50

**MIMO worst case**

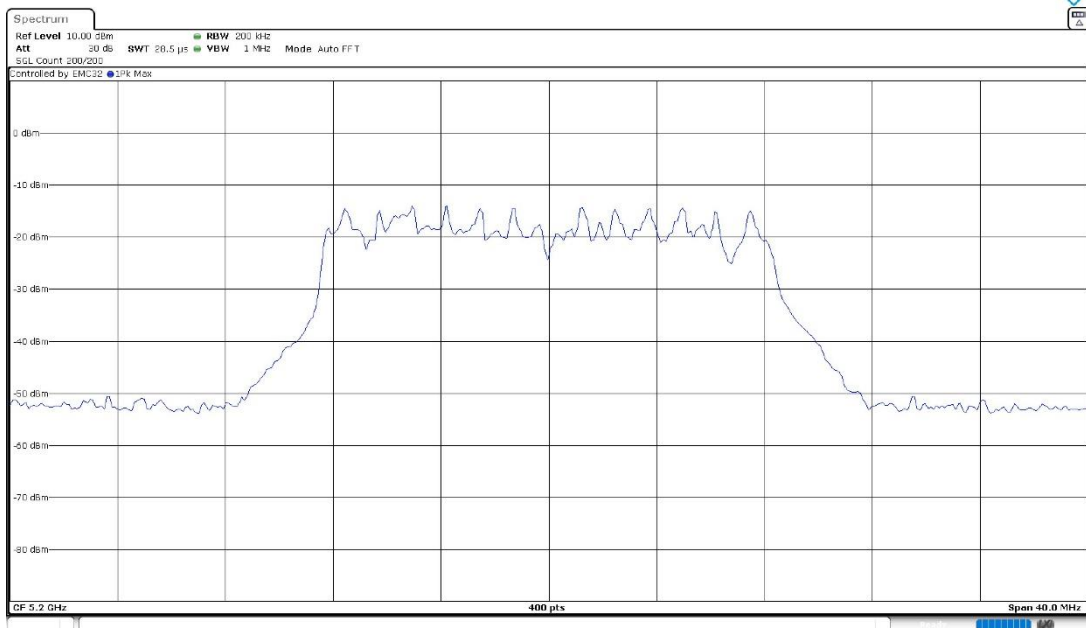
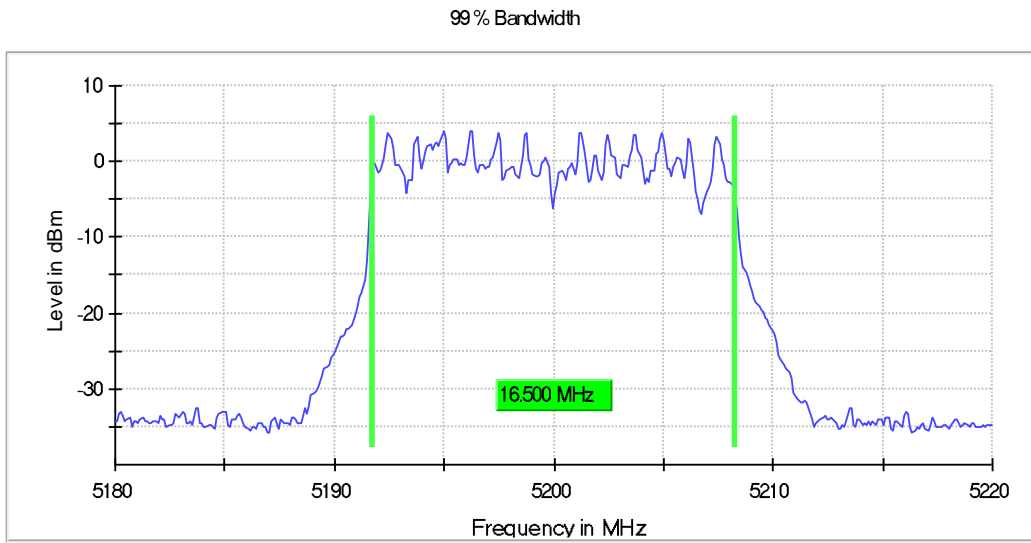
**MIMO 802.11 n20 (HT20):**

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

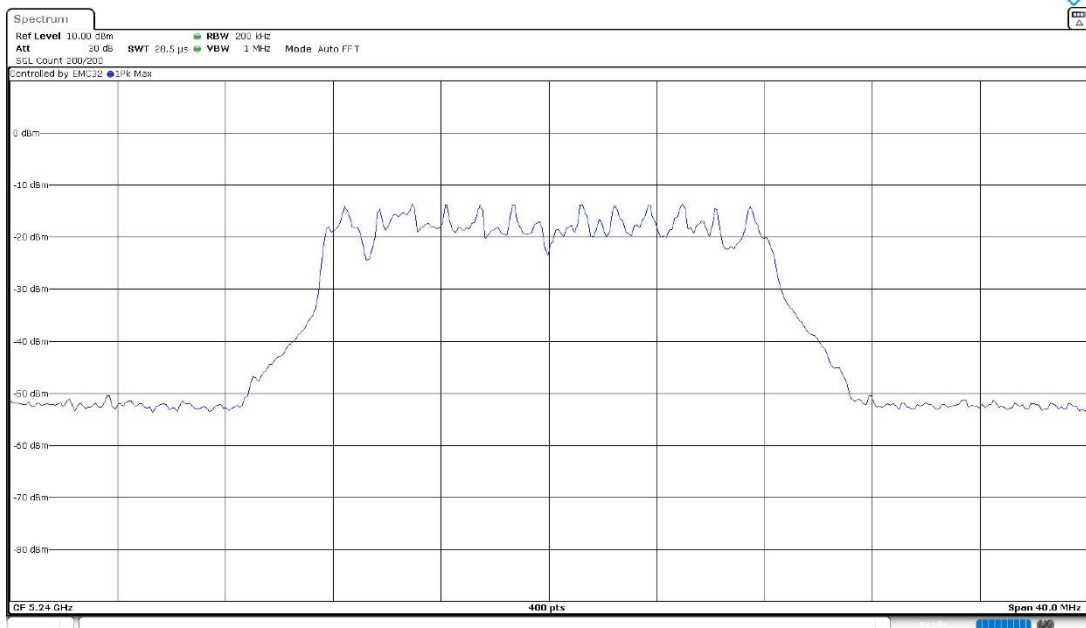
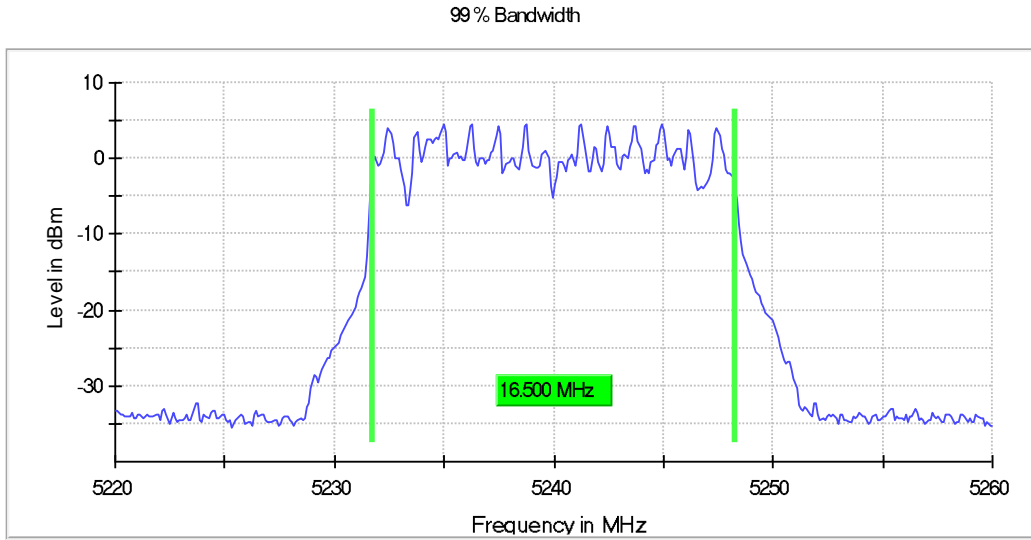
- Low Channel 36 (5180 MHz):



- Middle Channel 40 (5200 MHz):

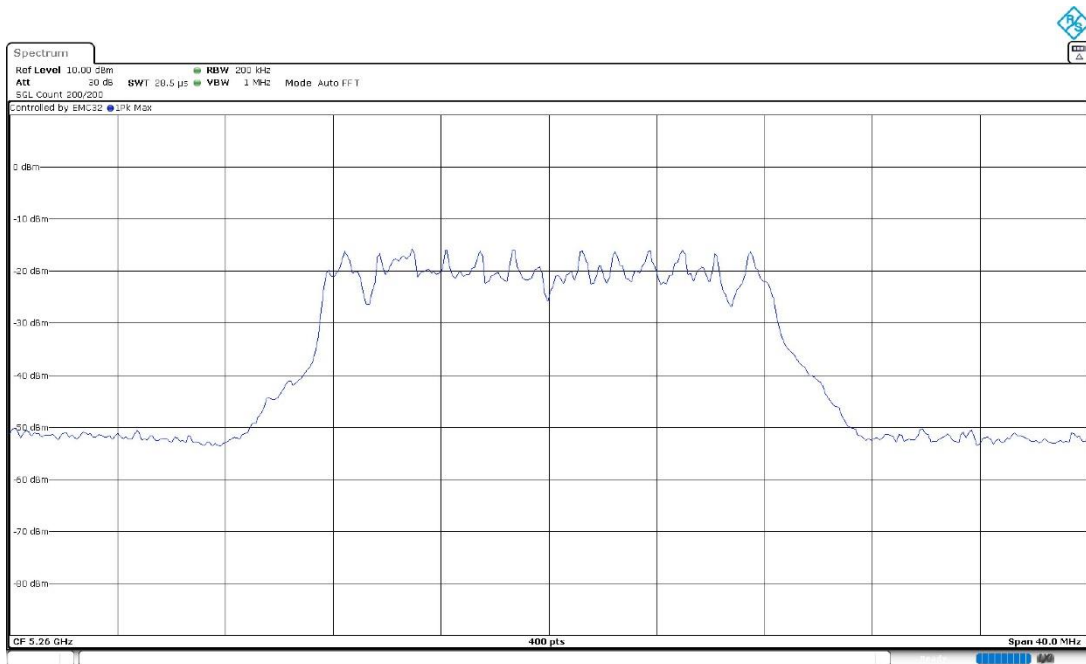
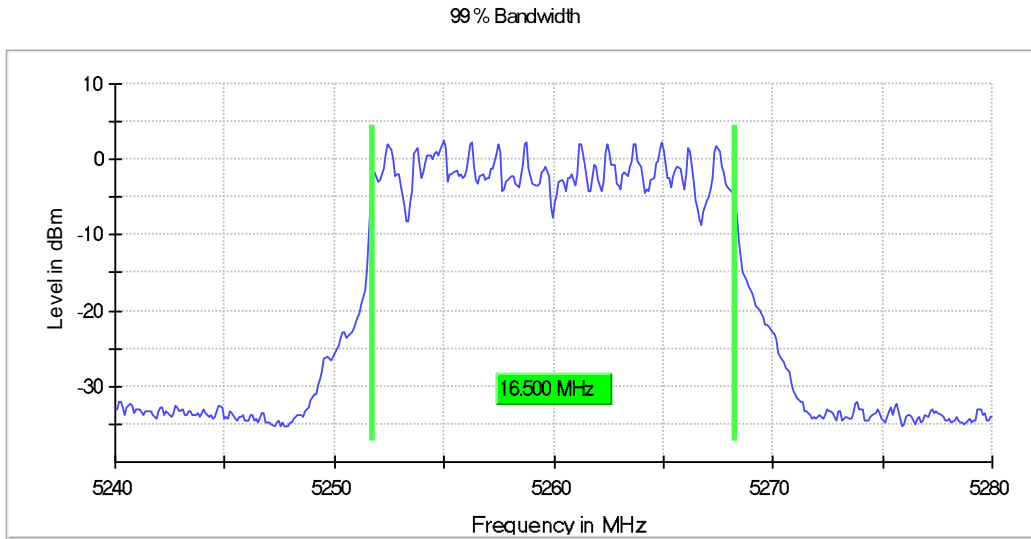


- High Channel 48 (5240 MHz):

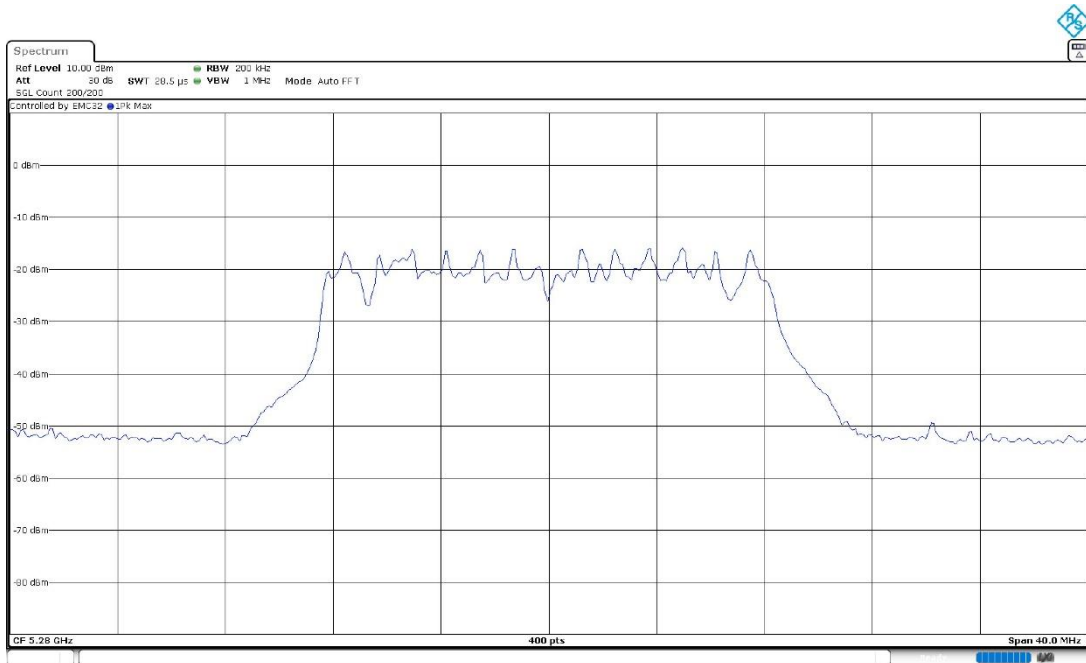
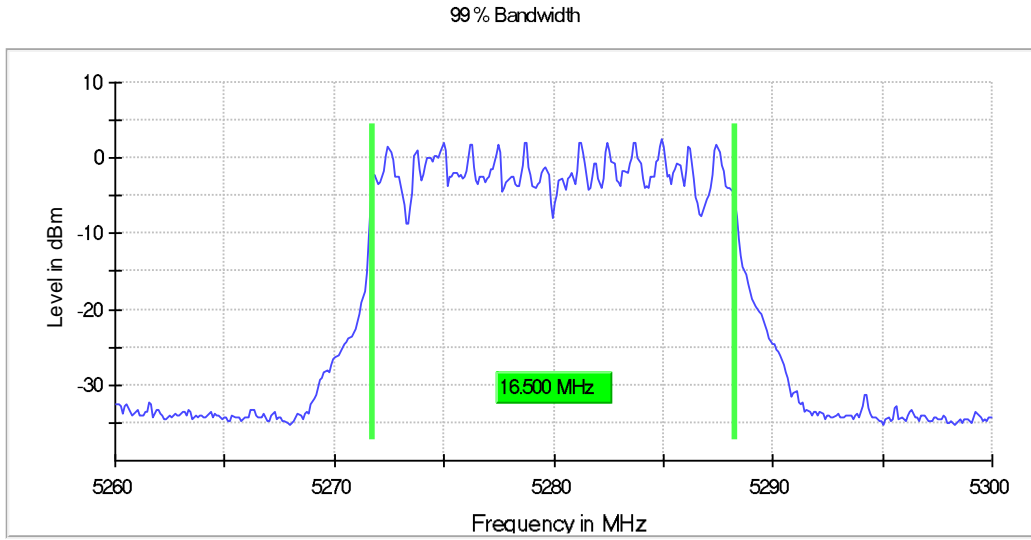


### U-NII-2A (5250-5350 MHz)

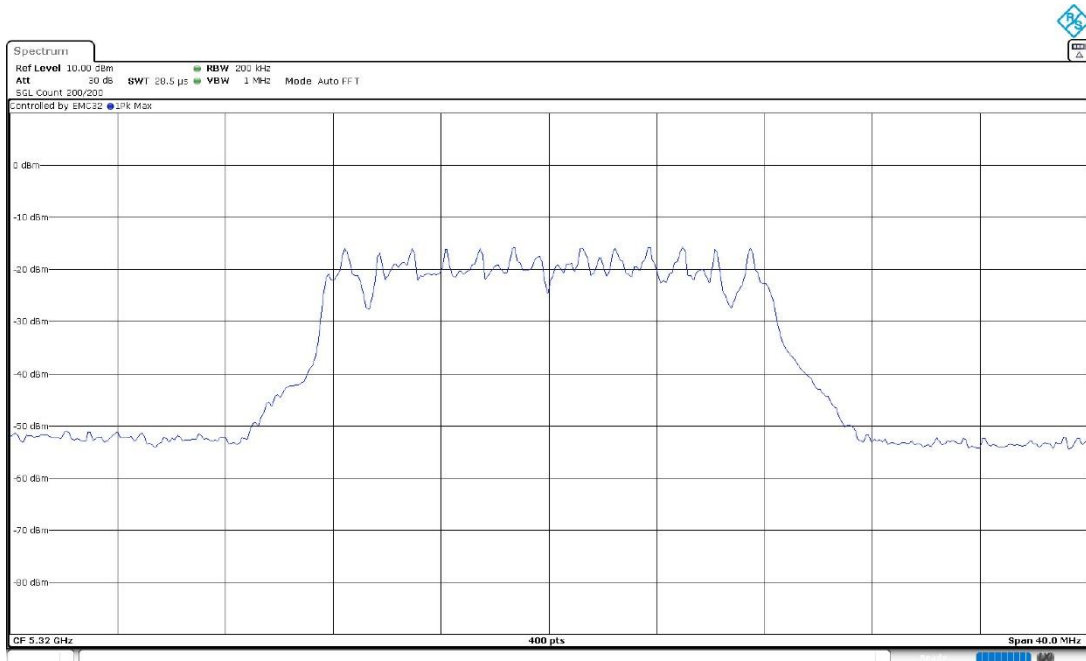
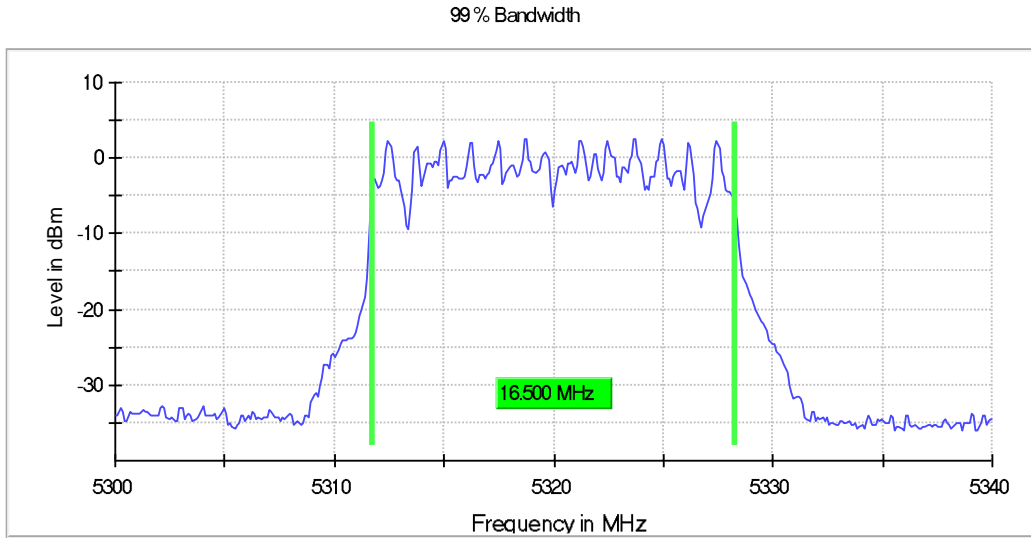
- Low Channel 52 (5260 MHz):



- Middle Channel 56 (5280 MHz):

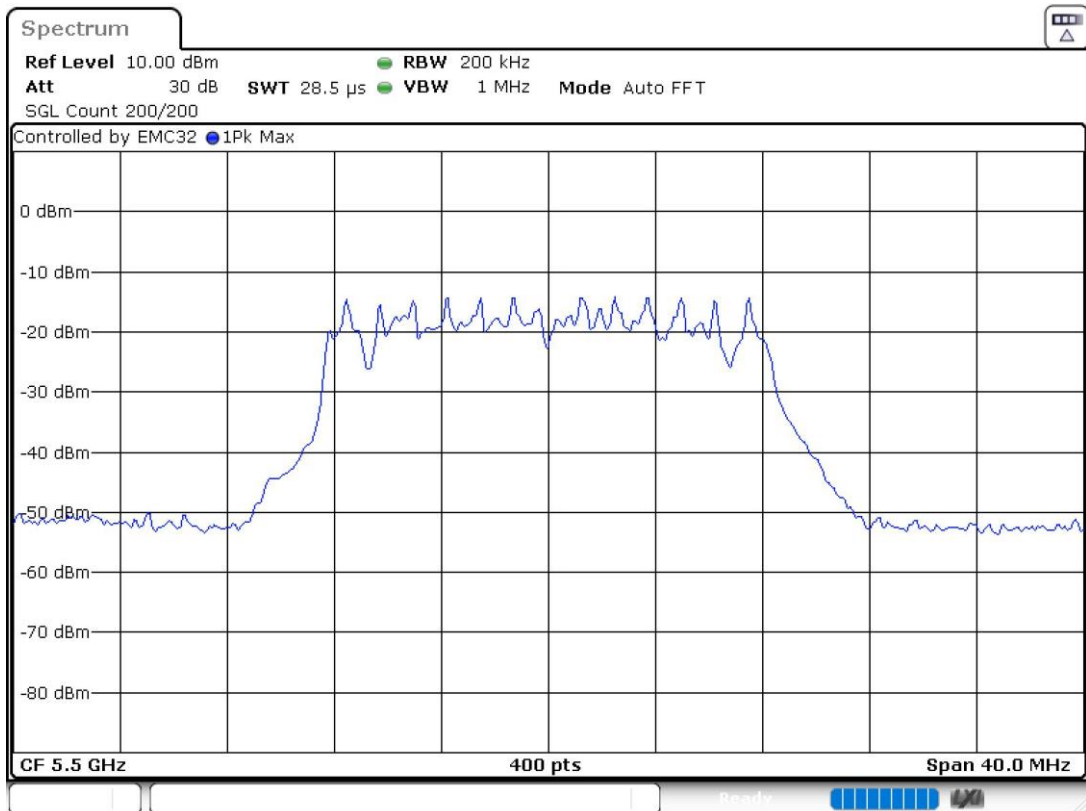
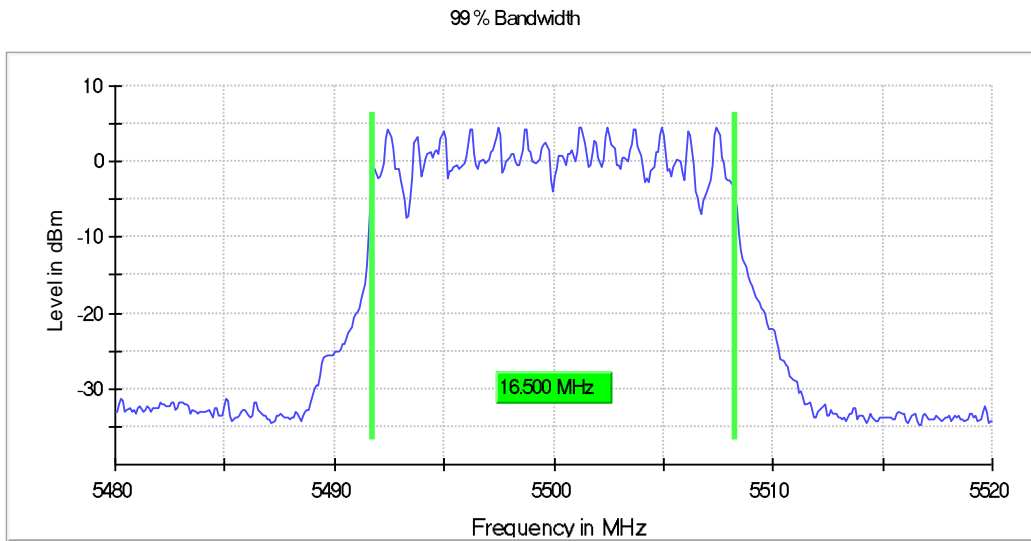


- High Channel 64 (5320 MHz):



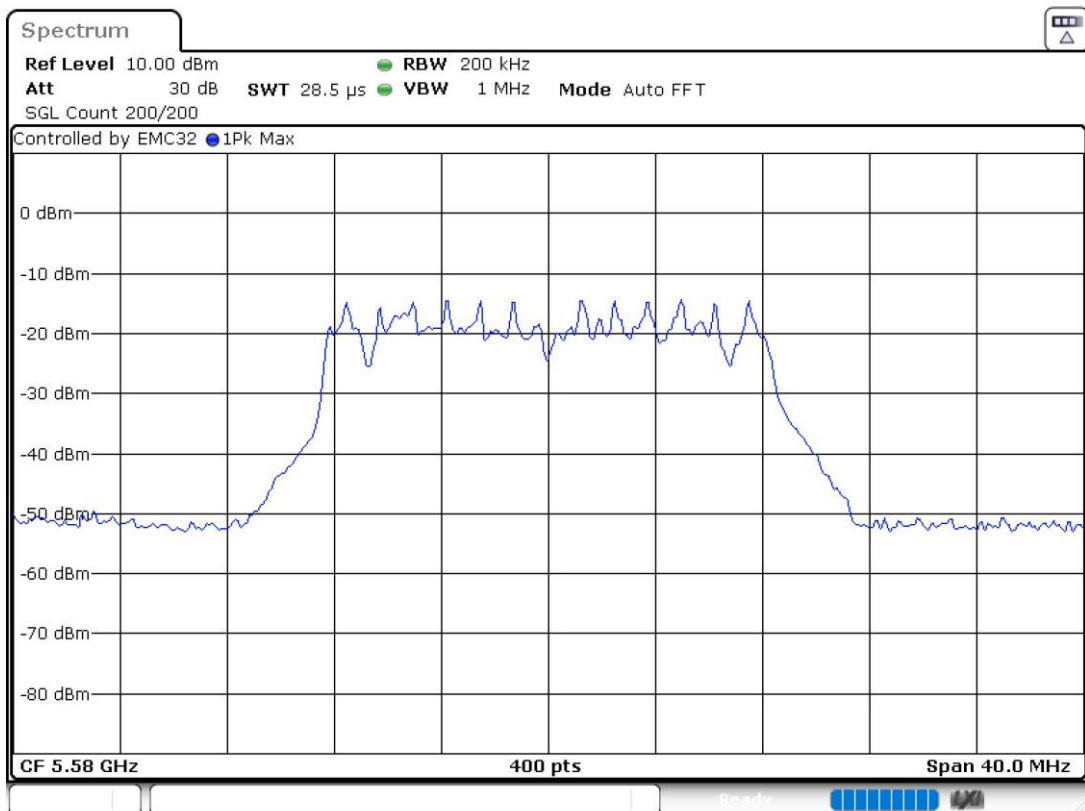
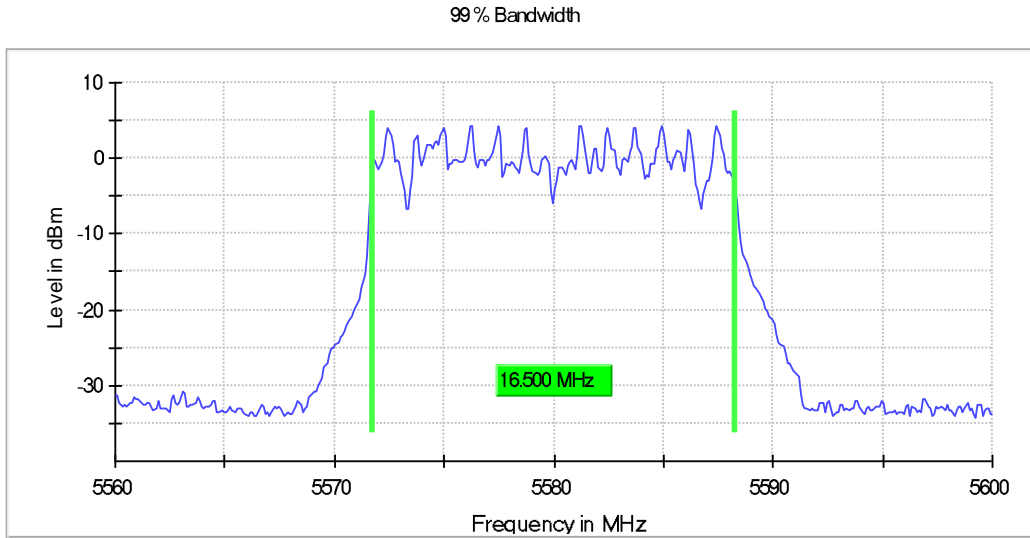
### U-NII-2C (5470-5725 MHz)

- Low Channel 100 (5500 MHz):

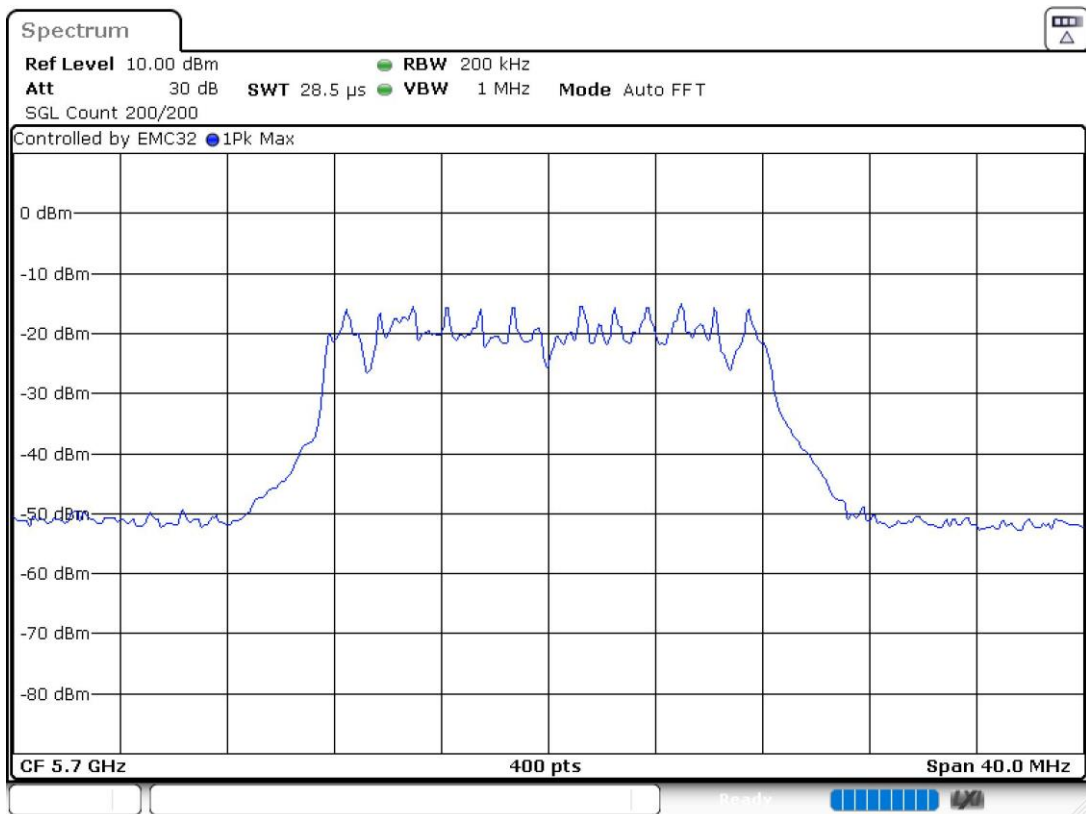
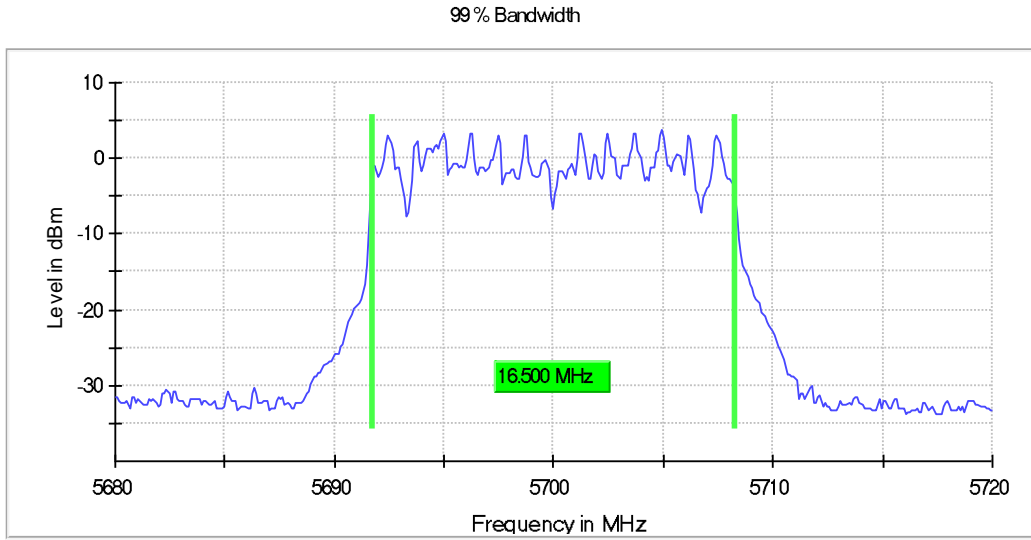




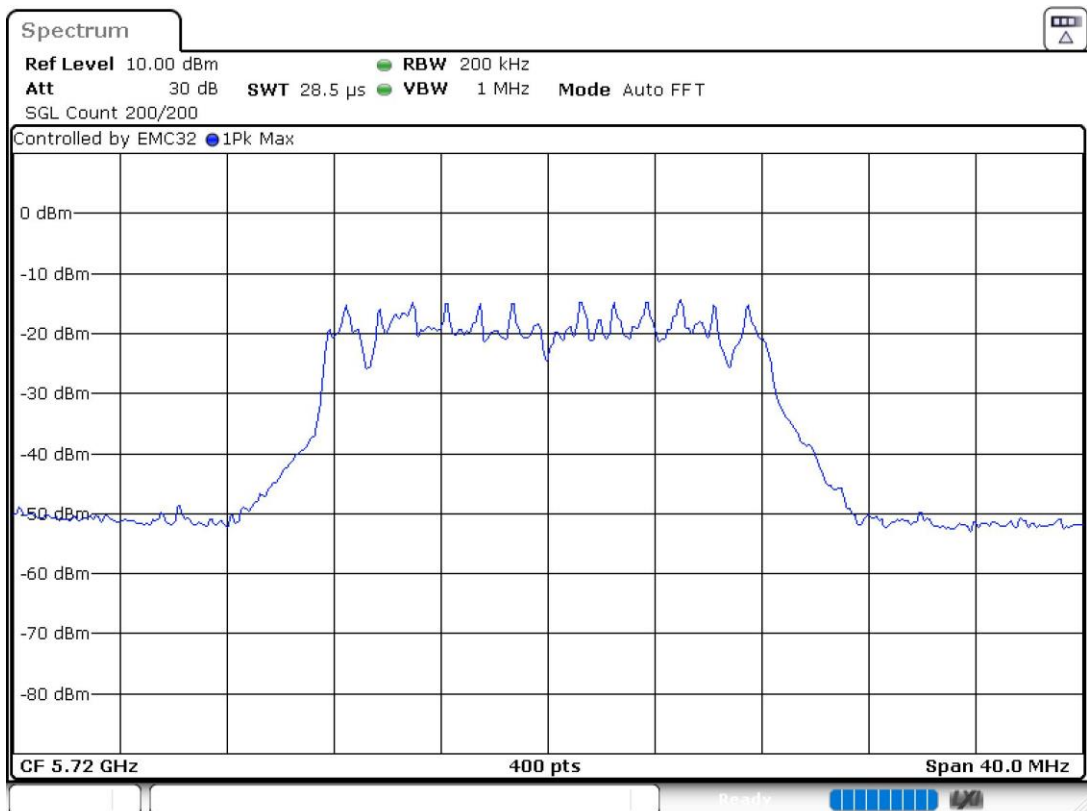
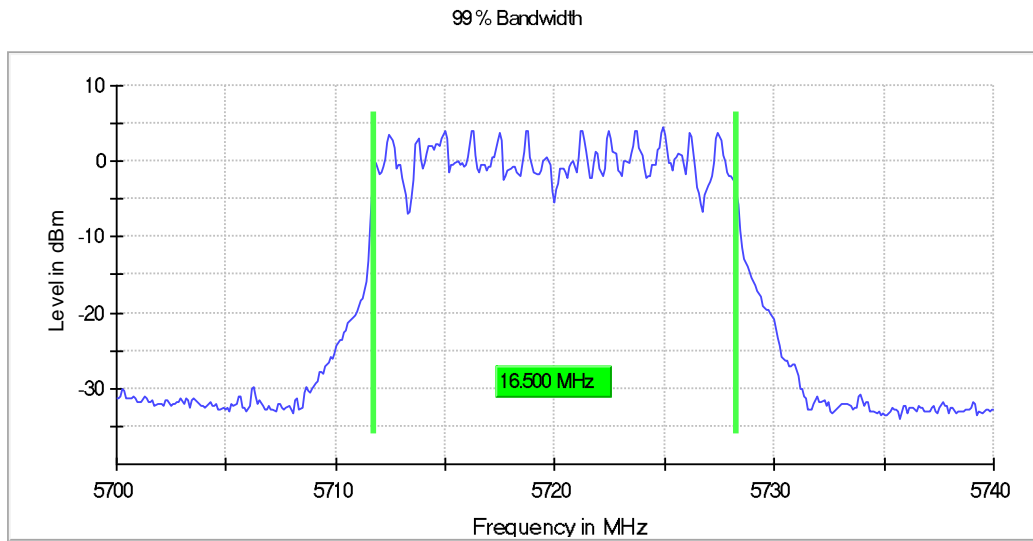
- Middle Channel 116 (5580 MHz):



- High Channel 140 (5700 MHz):

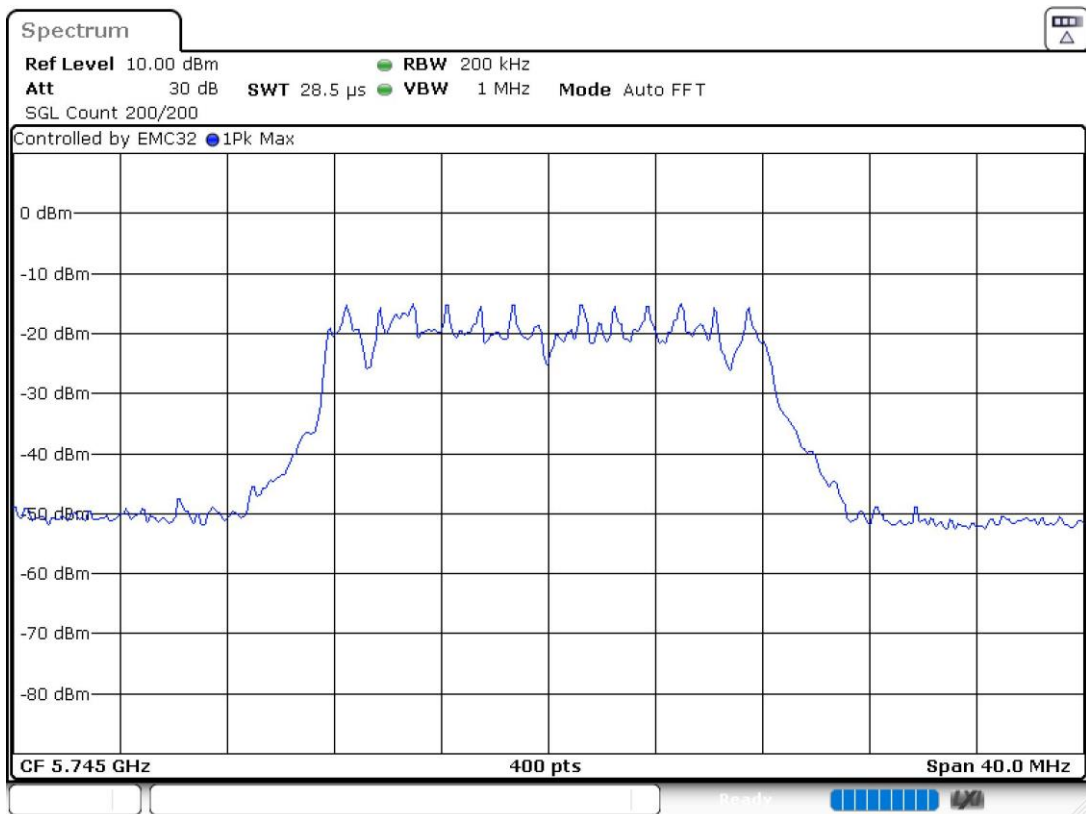
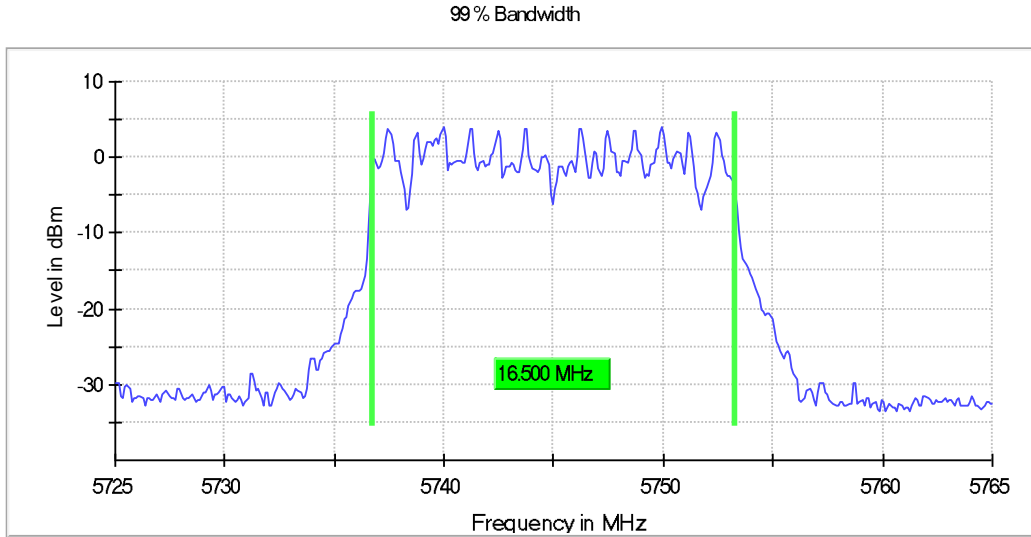


- Straddle Channel 142 (5720 MHz):

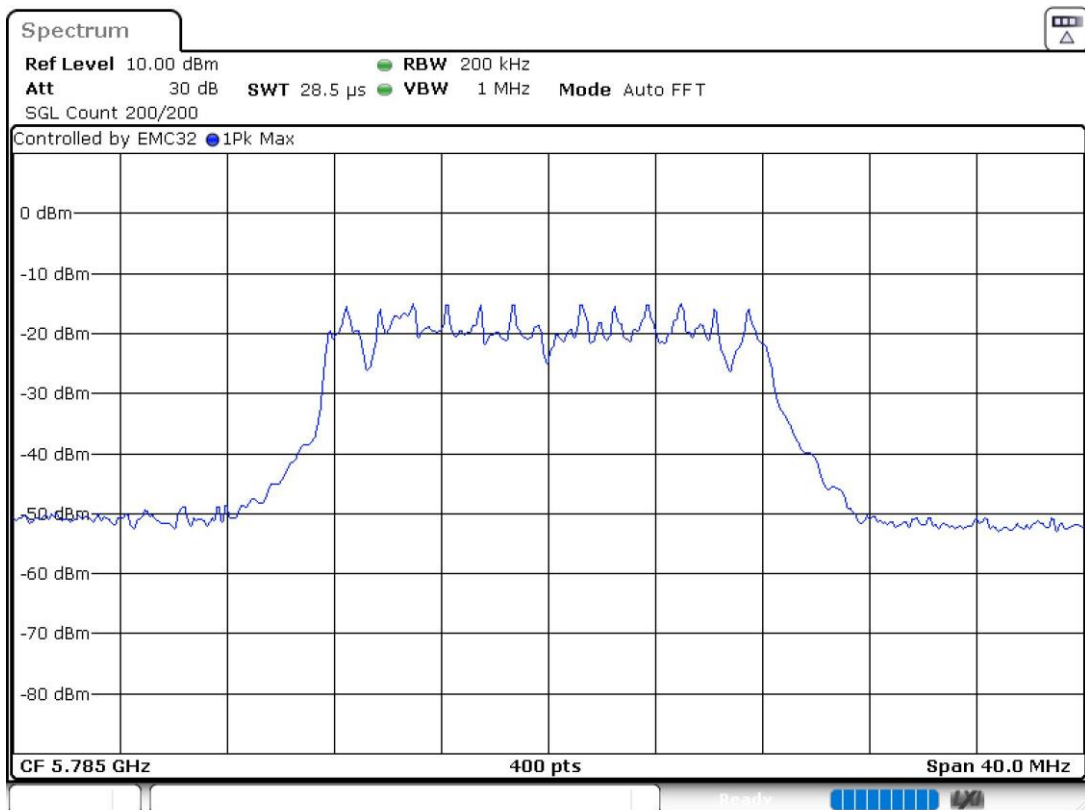
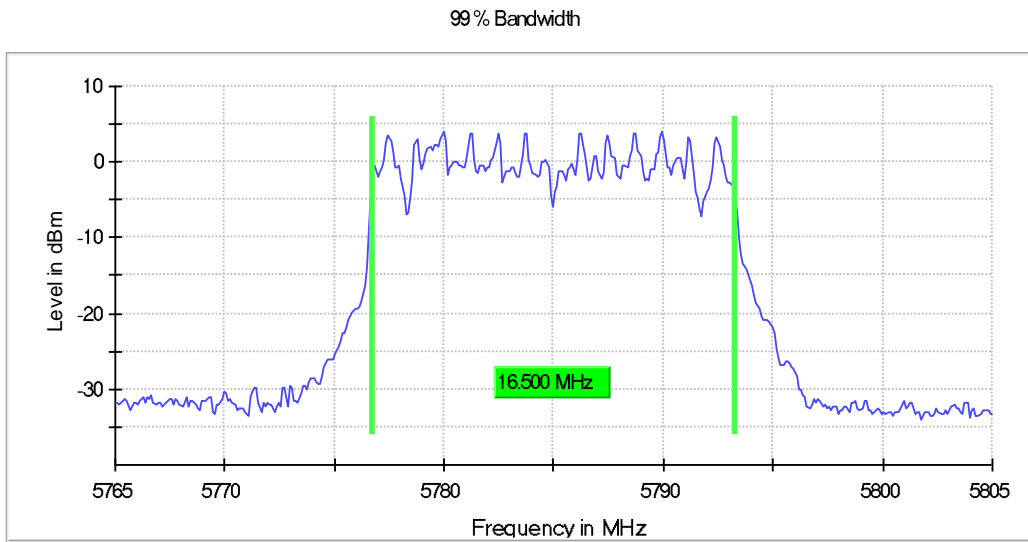


### U-NII-3 (5725-5850 MHz)

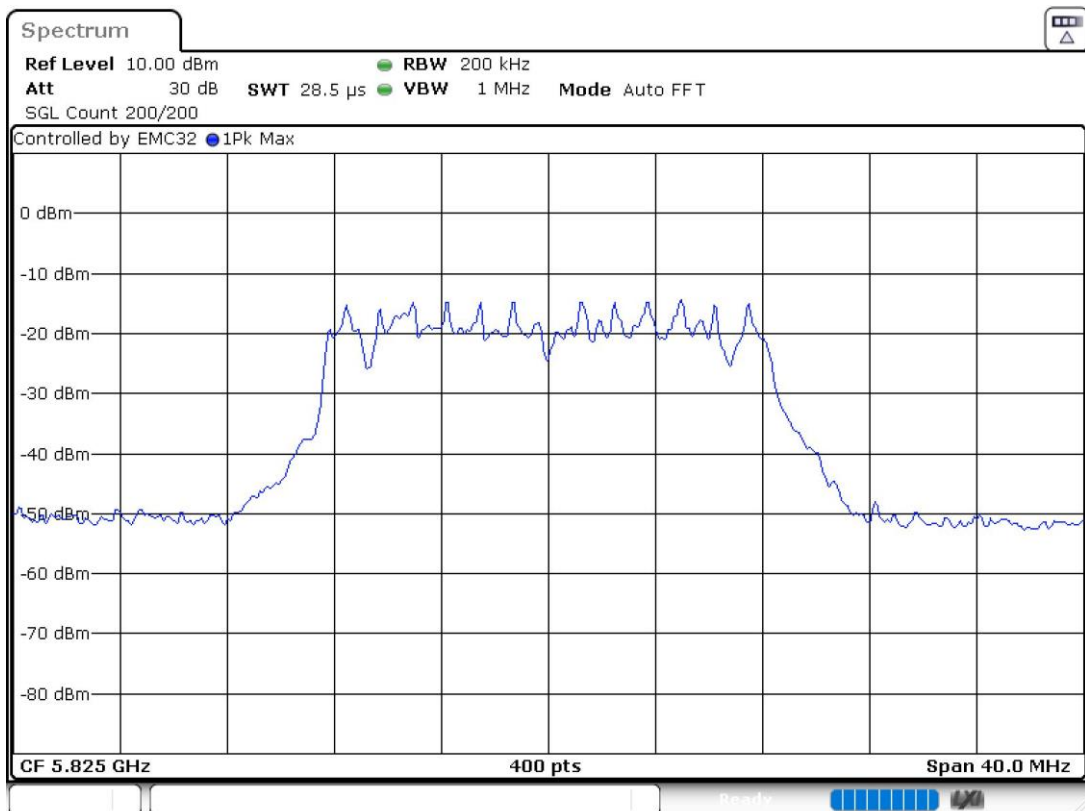
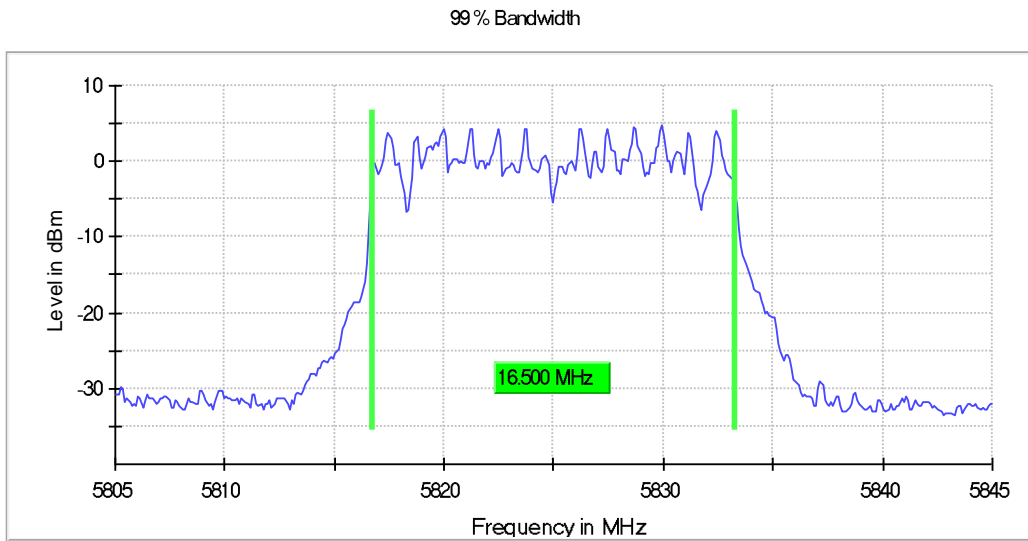
- Low Channel 149 (5745 MHz):



- Middle Channel 157 (5785 MHz):



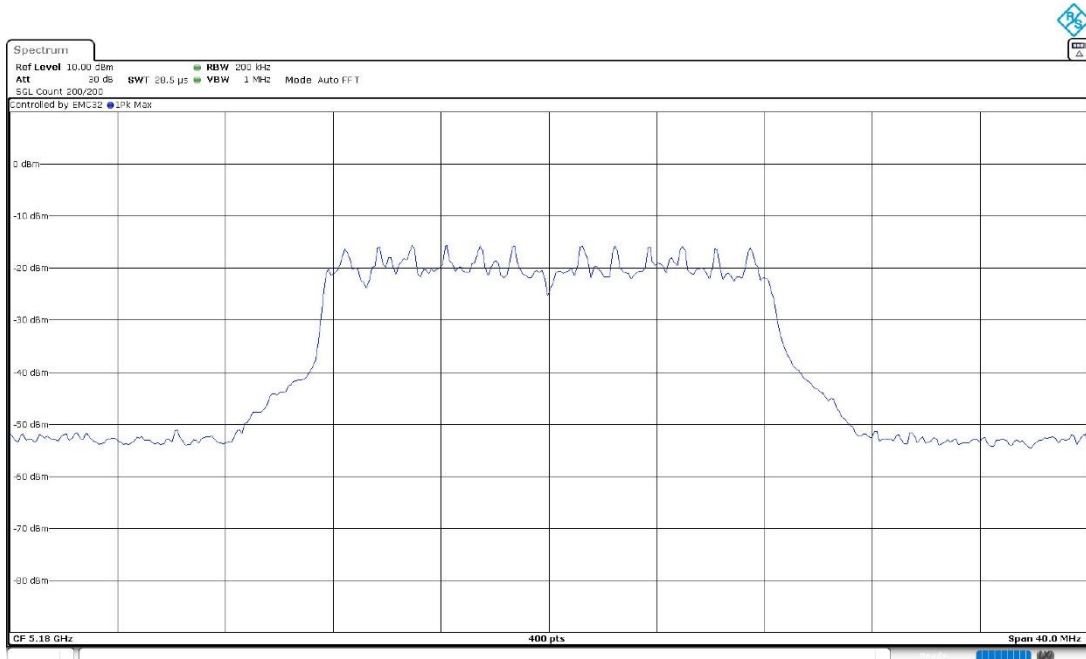
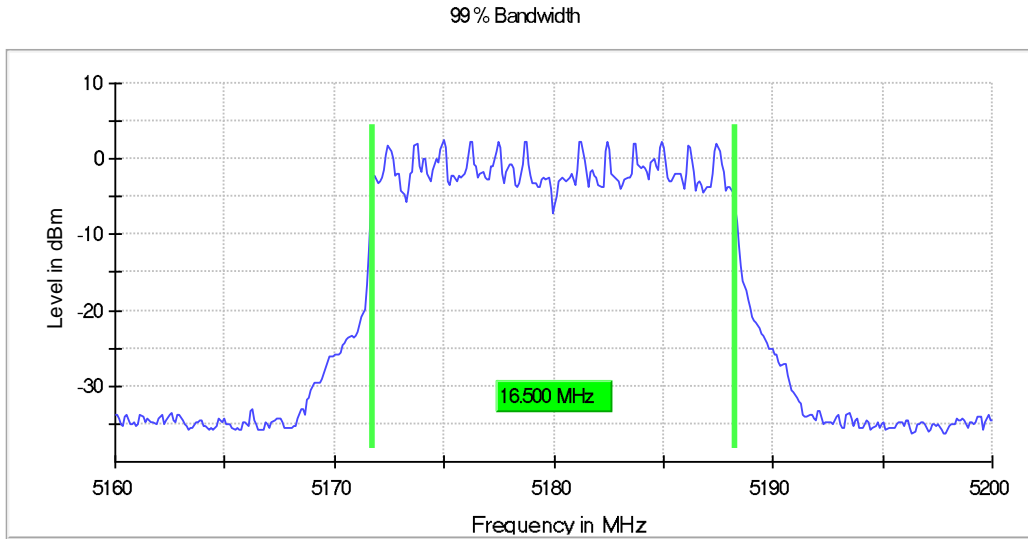
- High Channel 165 (5825 MHz):



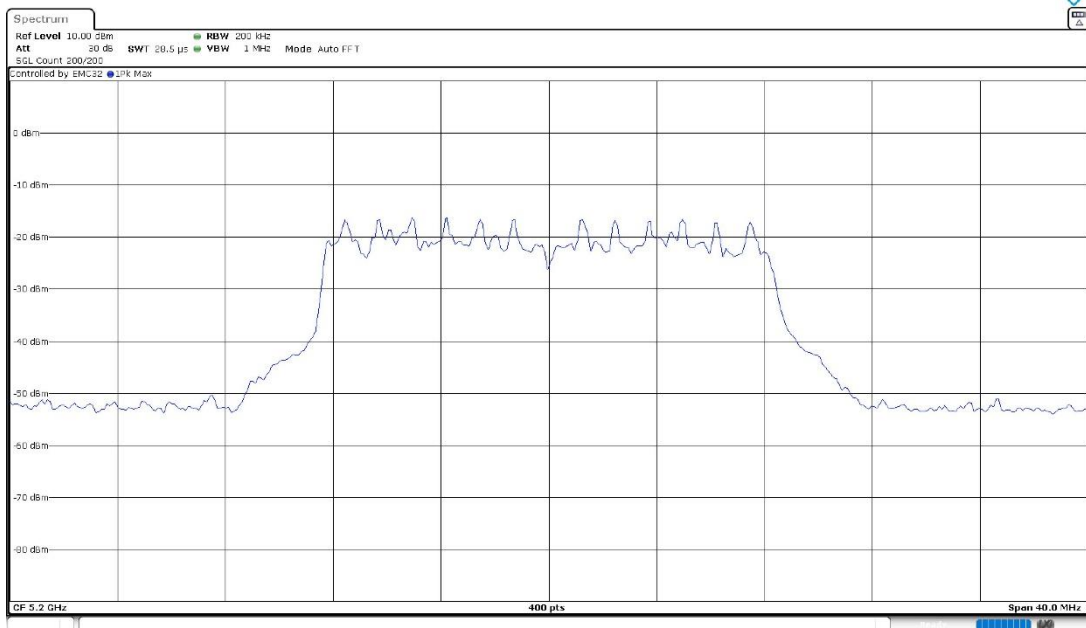
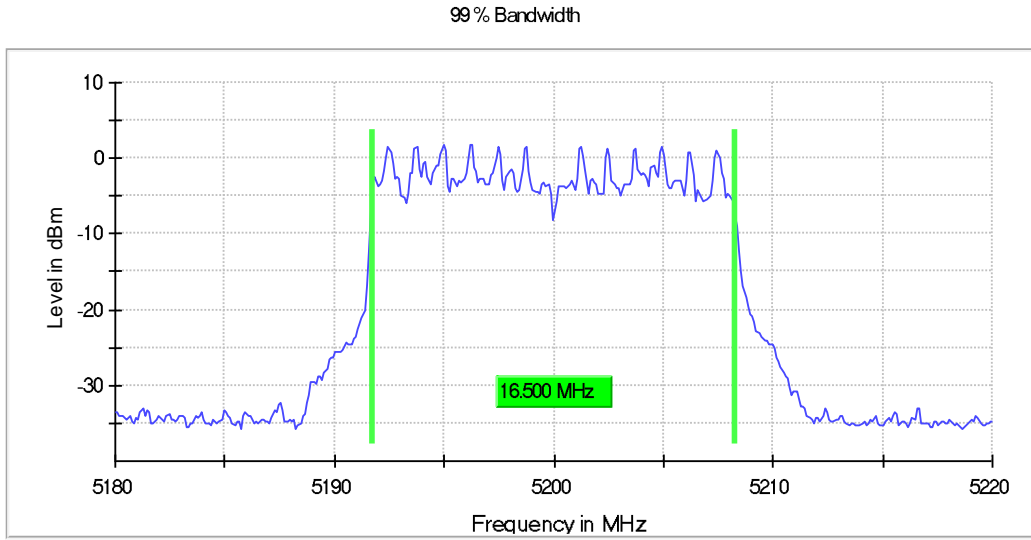
**MIMO 802.11 ac20 (VHT20):**

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

- Low Channel 36 (5180 MHz):

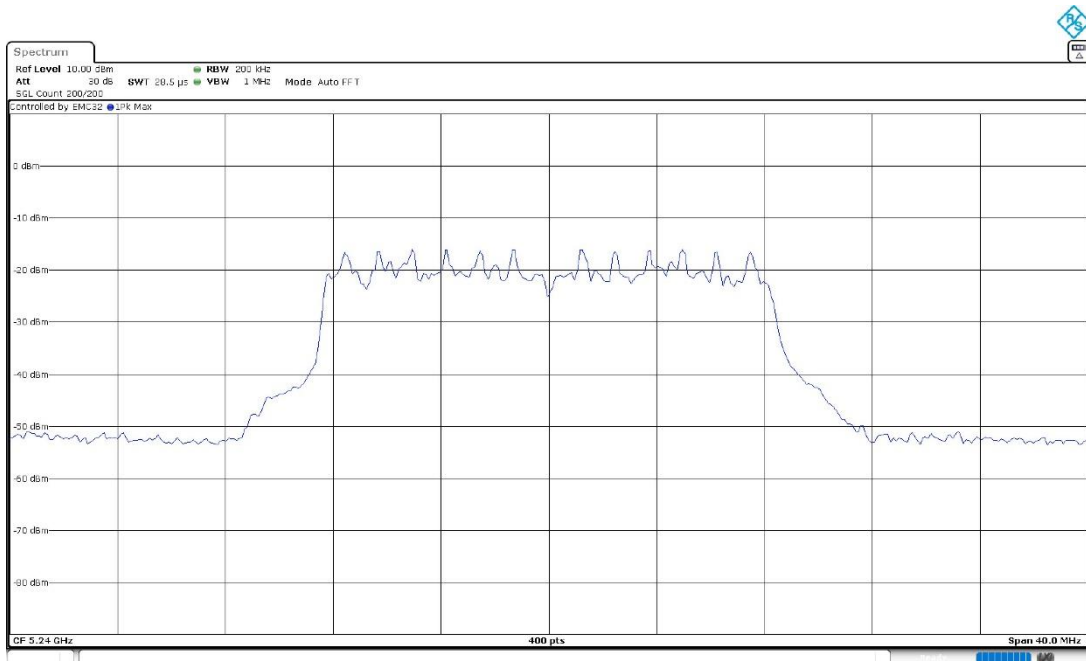
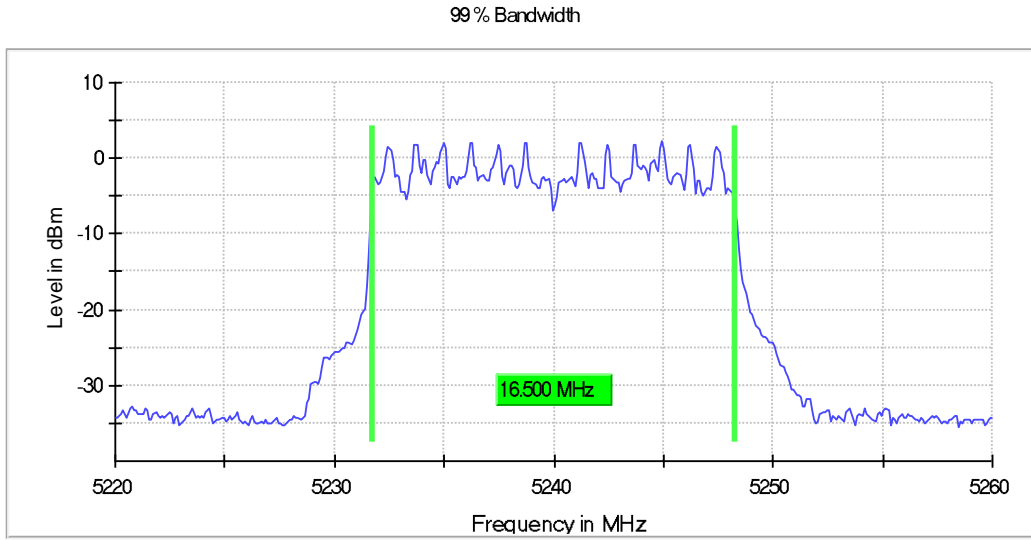


- Middle Channel 40 (5200 MHz):



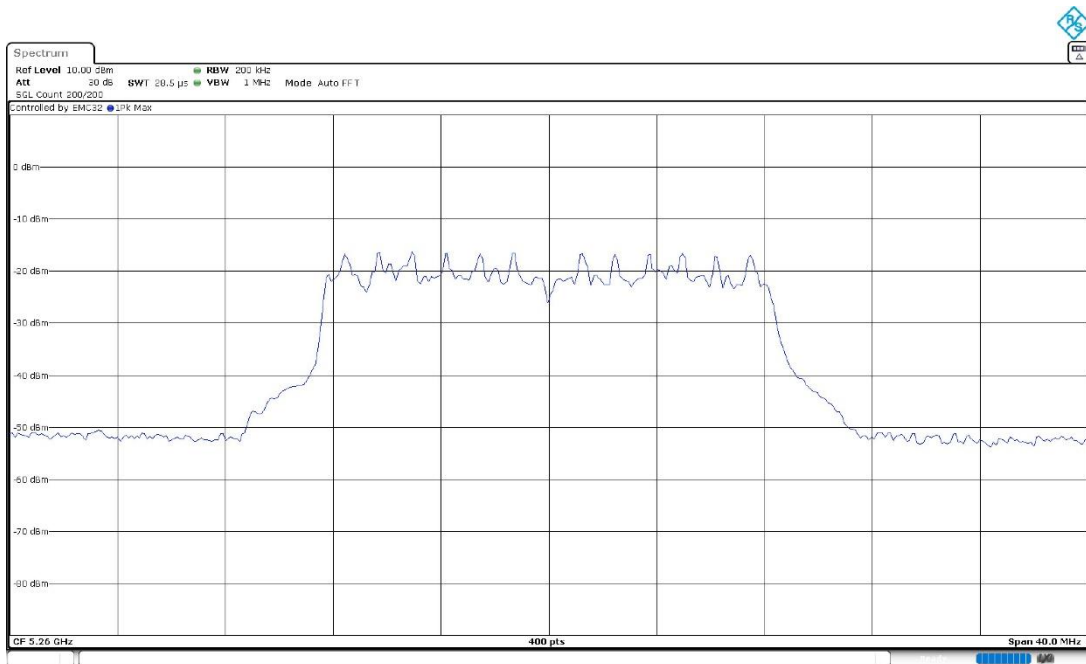
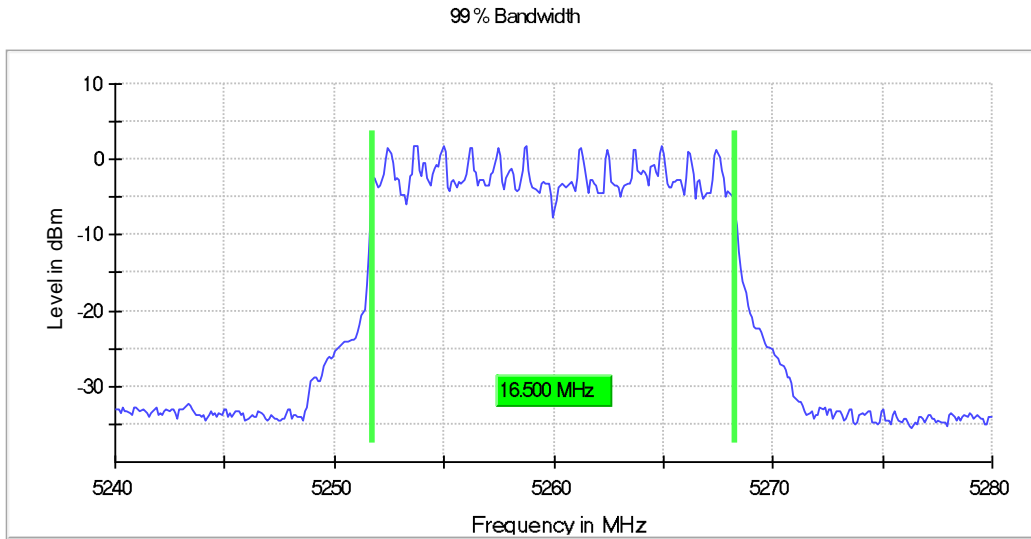


- High Channel 48 (5240 MHz):

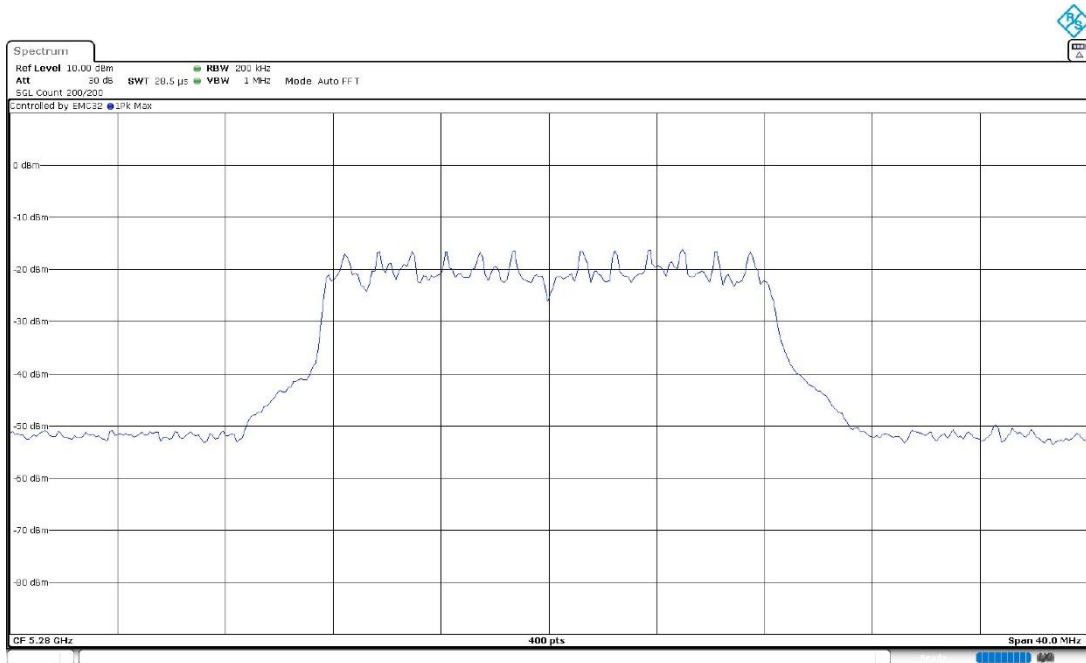
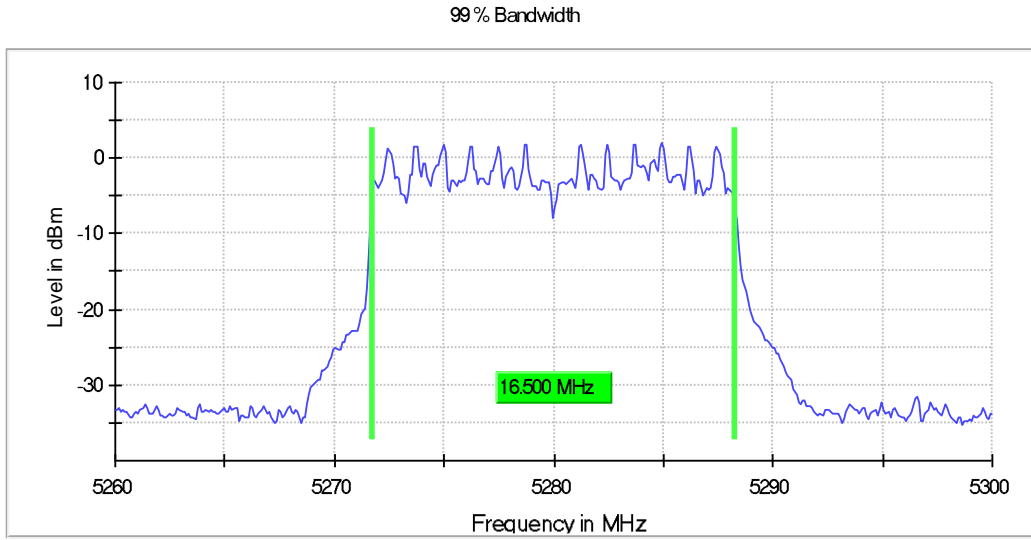


### U-NII-2A (5250-5350 MHz)

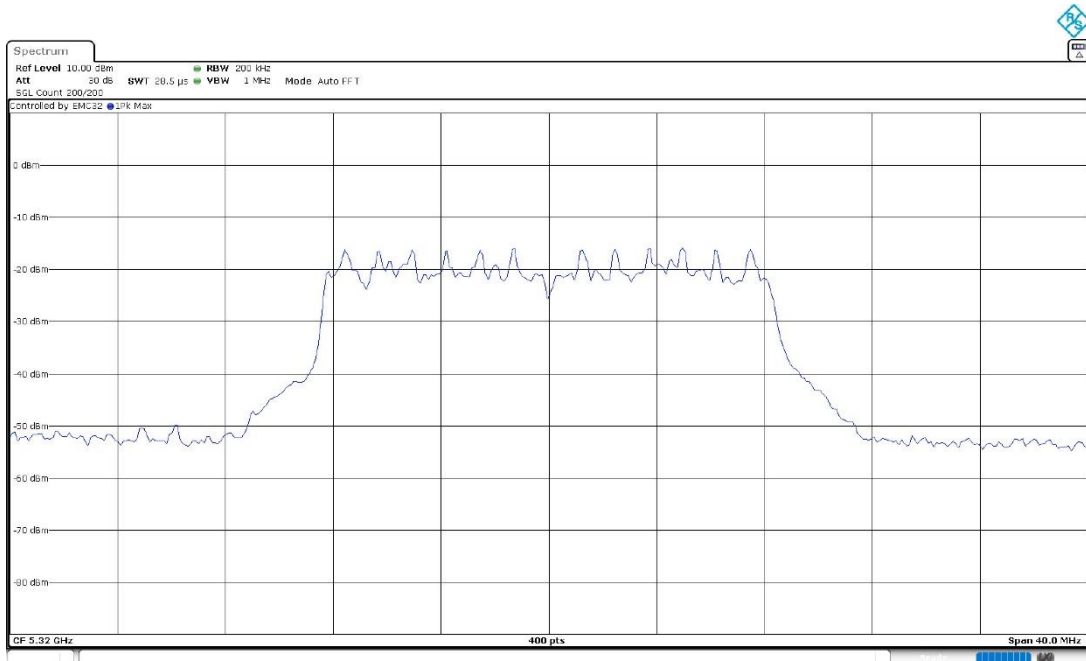
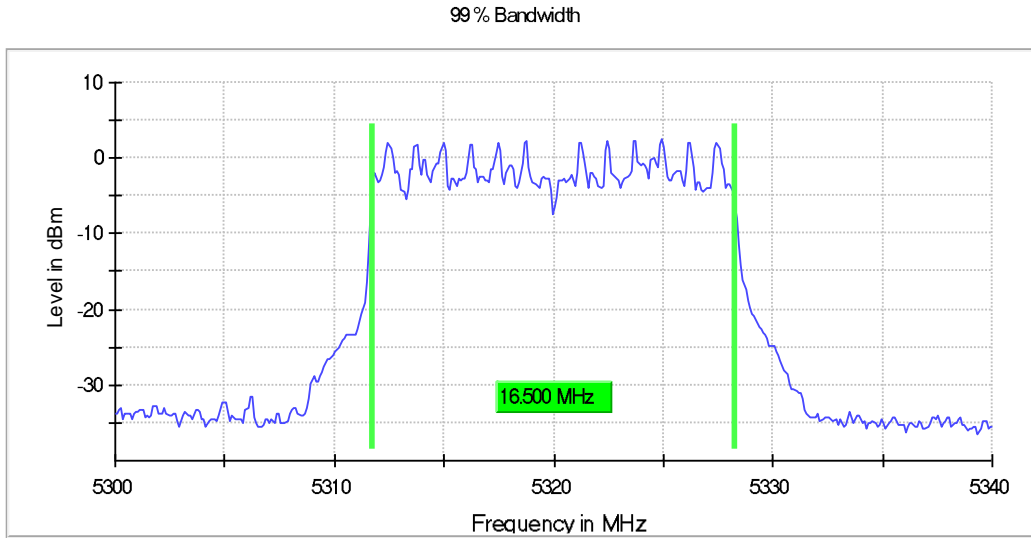
- Low Channel 52 (5260 MHz):



- Middle Channel 56 (5280 MHz):

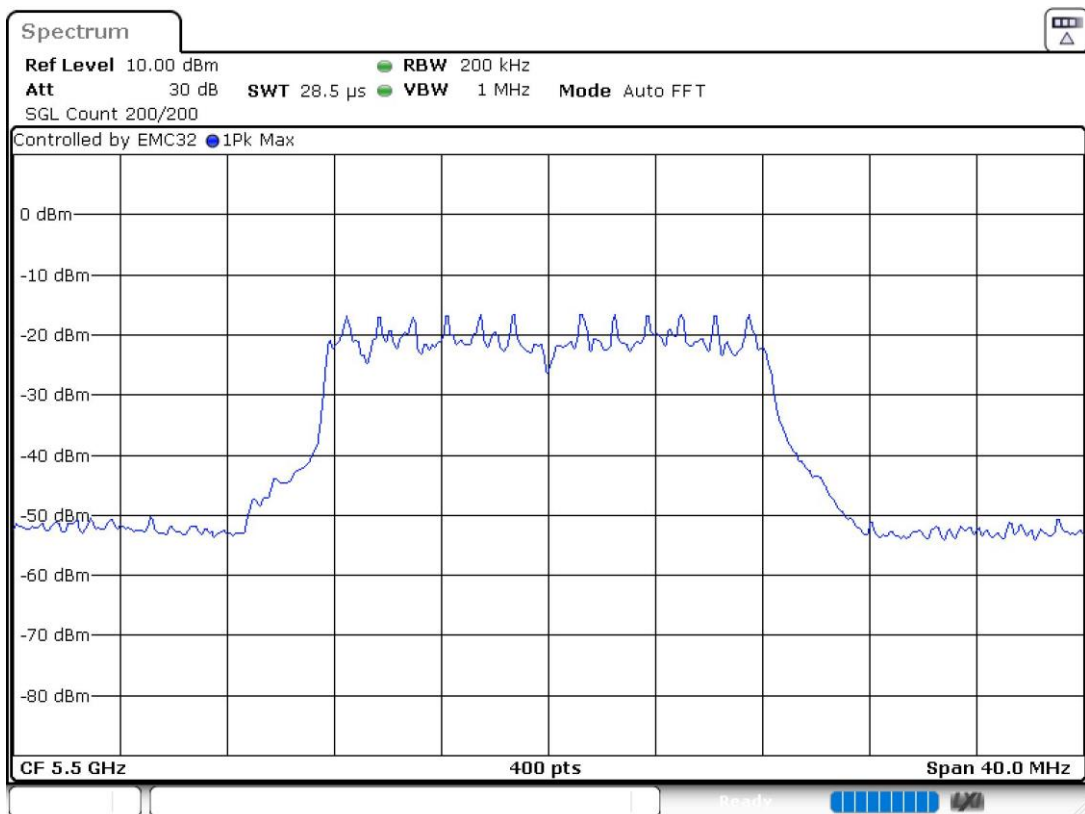
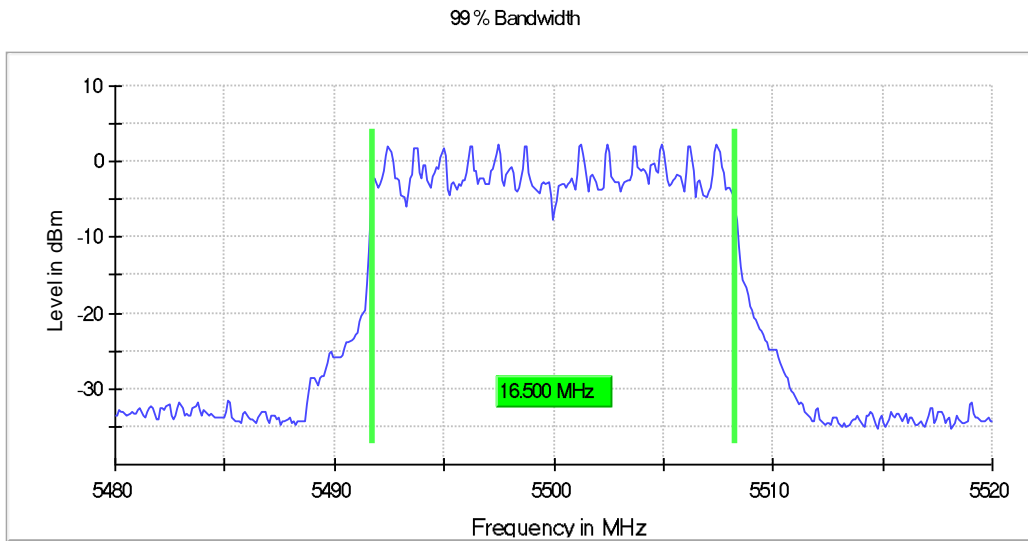


- High Channel 64 (5320 MHz):

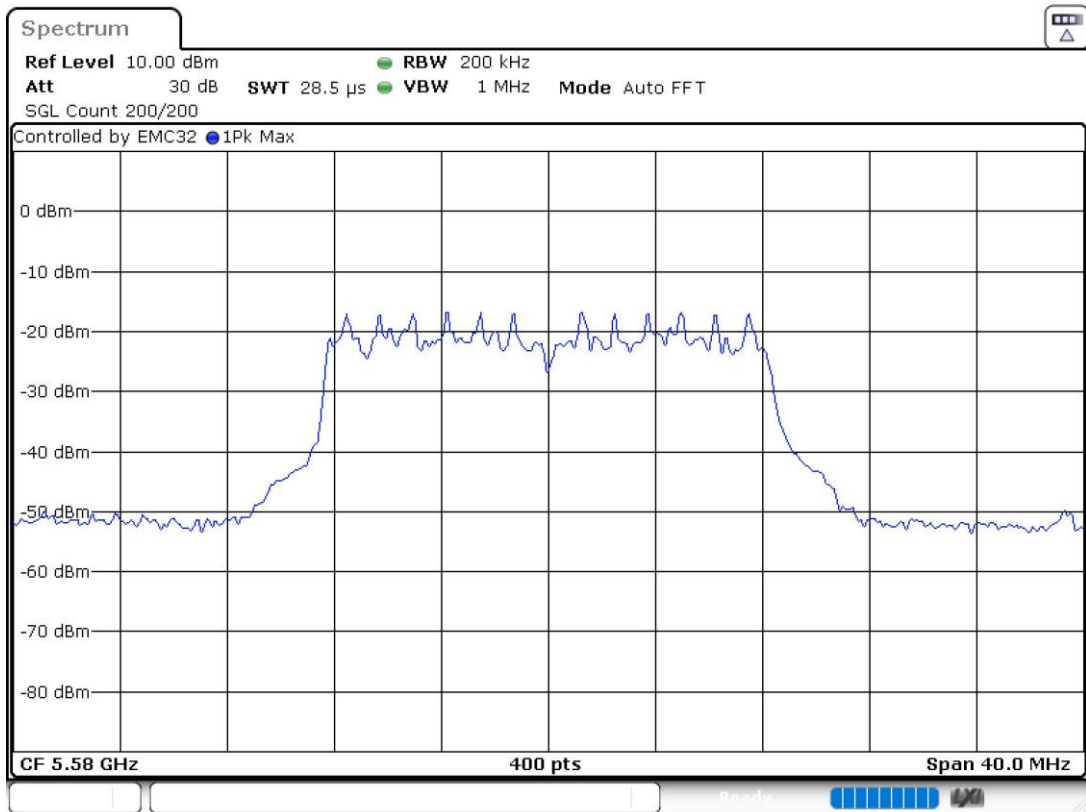
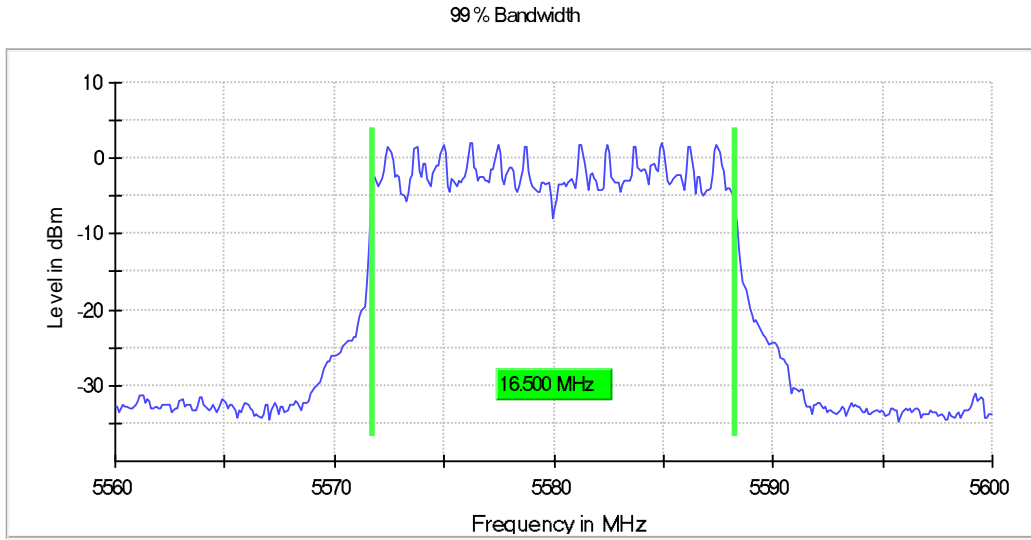


### U-NII-2C (5470-5725 MHz)

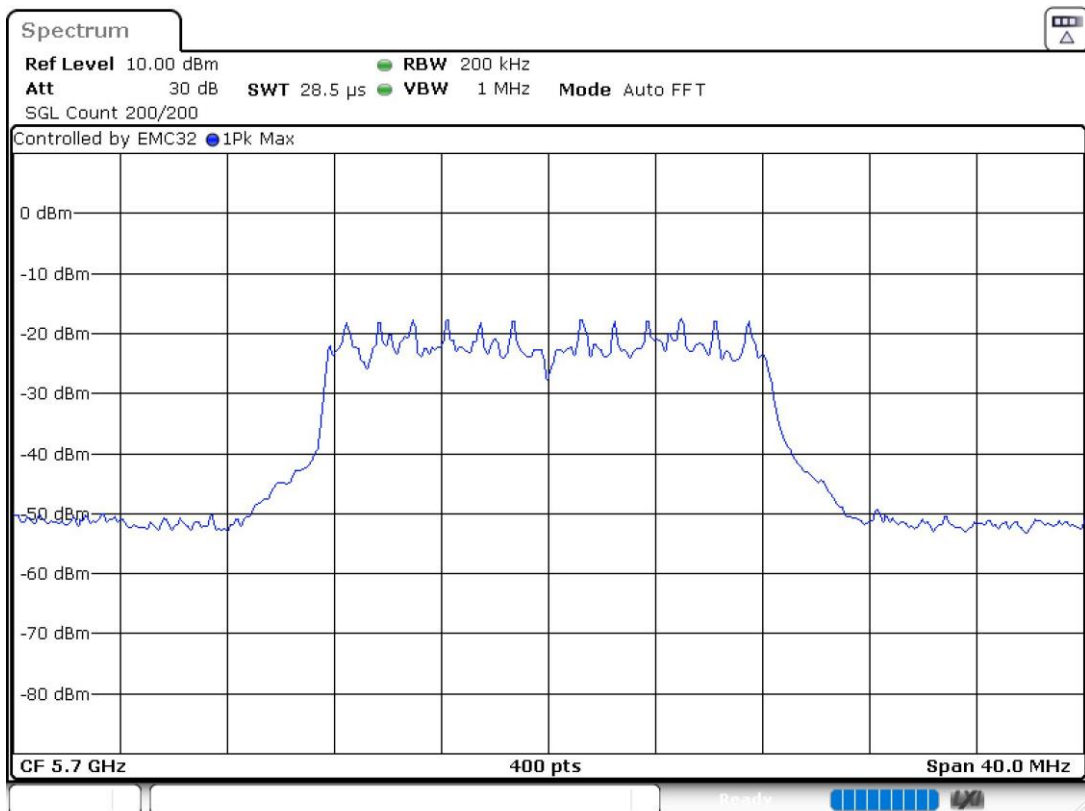
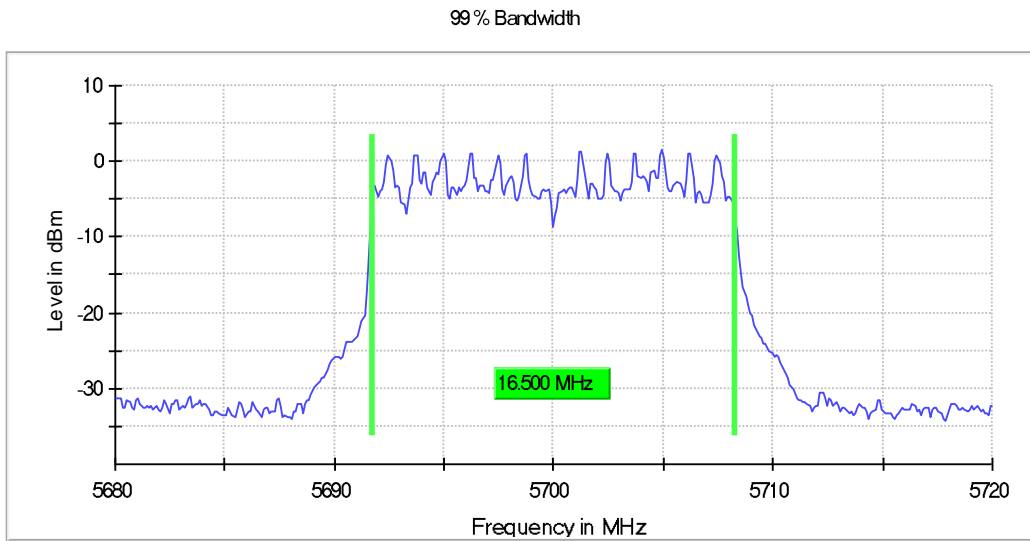
- Low Channel 100 (5500 MHz):



- Middle Channel 116 (5580 MHz):

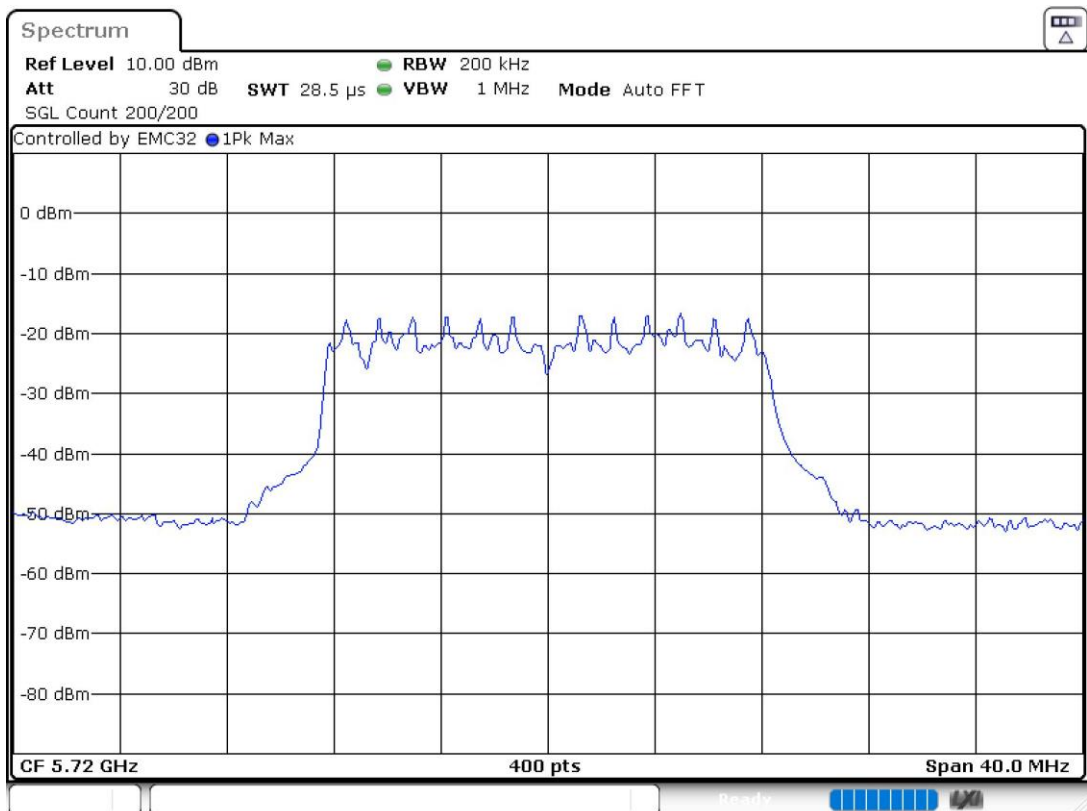
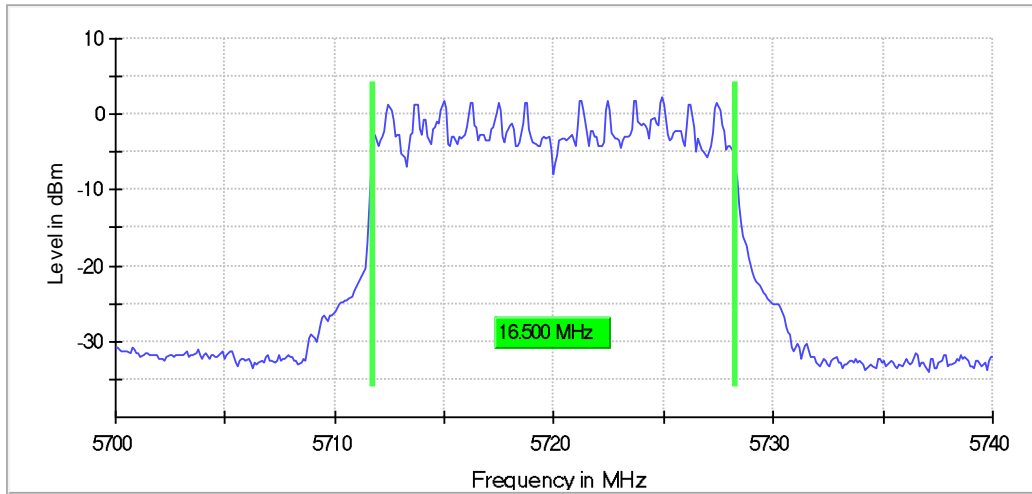


- High Channel 140 (5700 MHz):



- Straddle Channel 142 (5720 MHz):

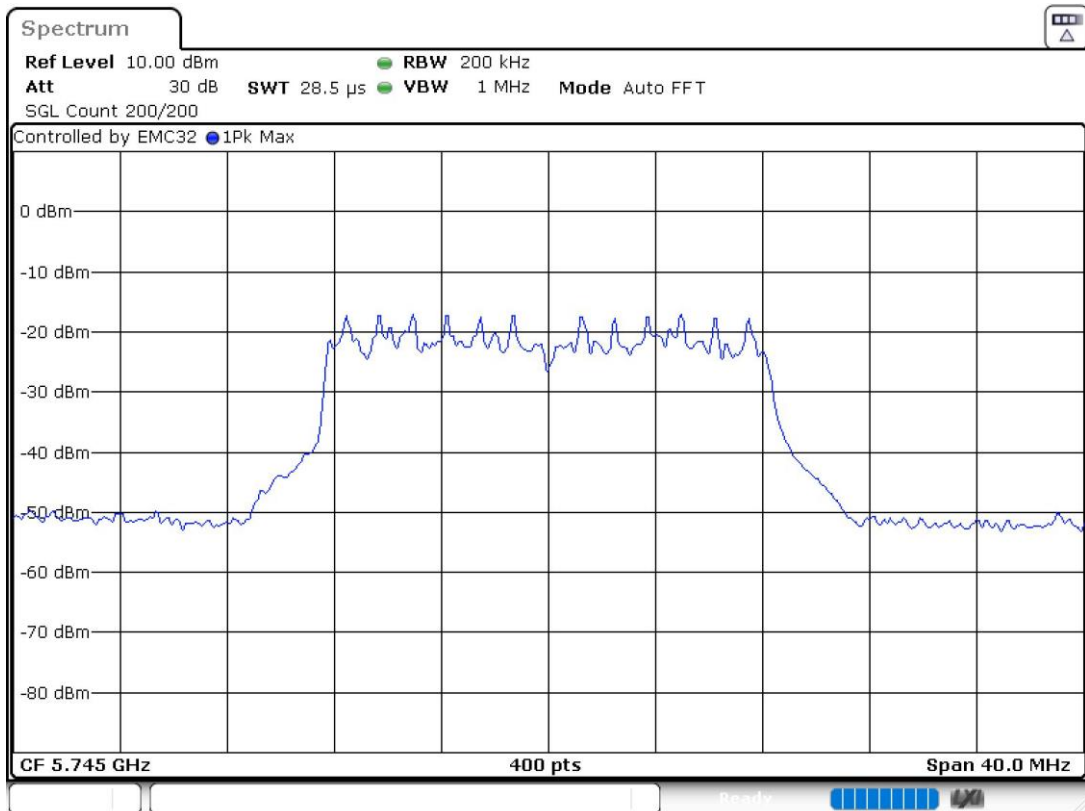
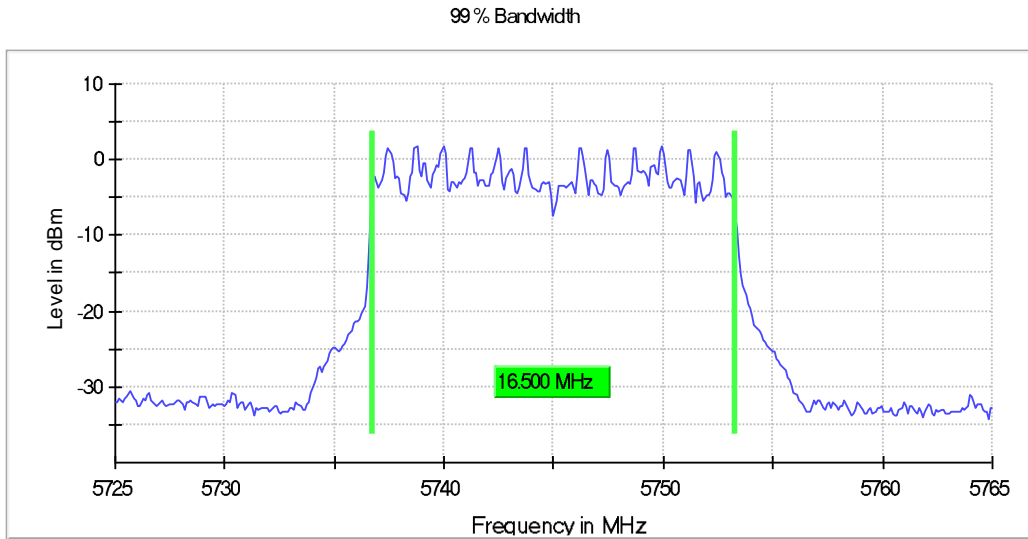
99% Bandwidth





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

- Low Channel 149 (5745 MHz):



- Middle Channel 157 (5785 MHz):

