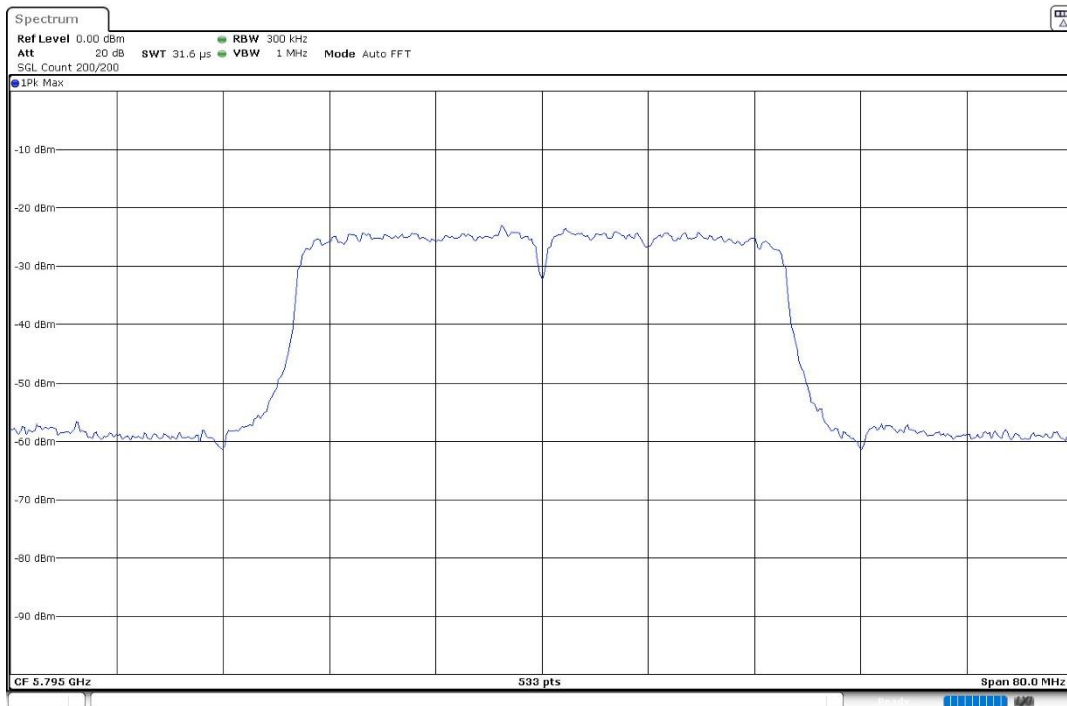
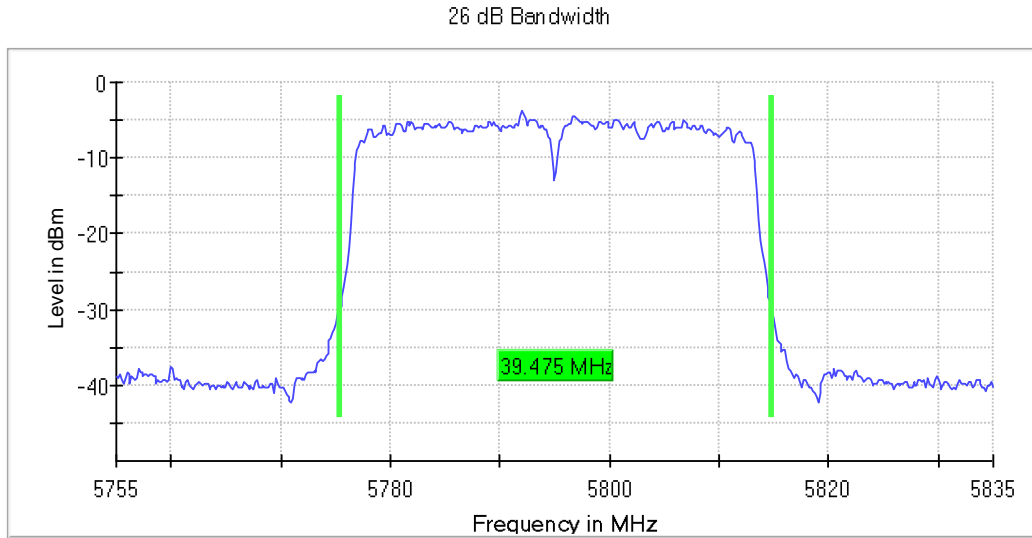


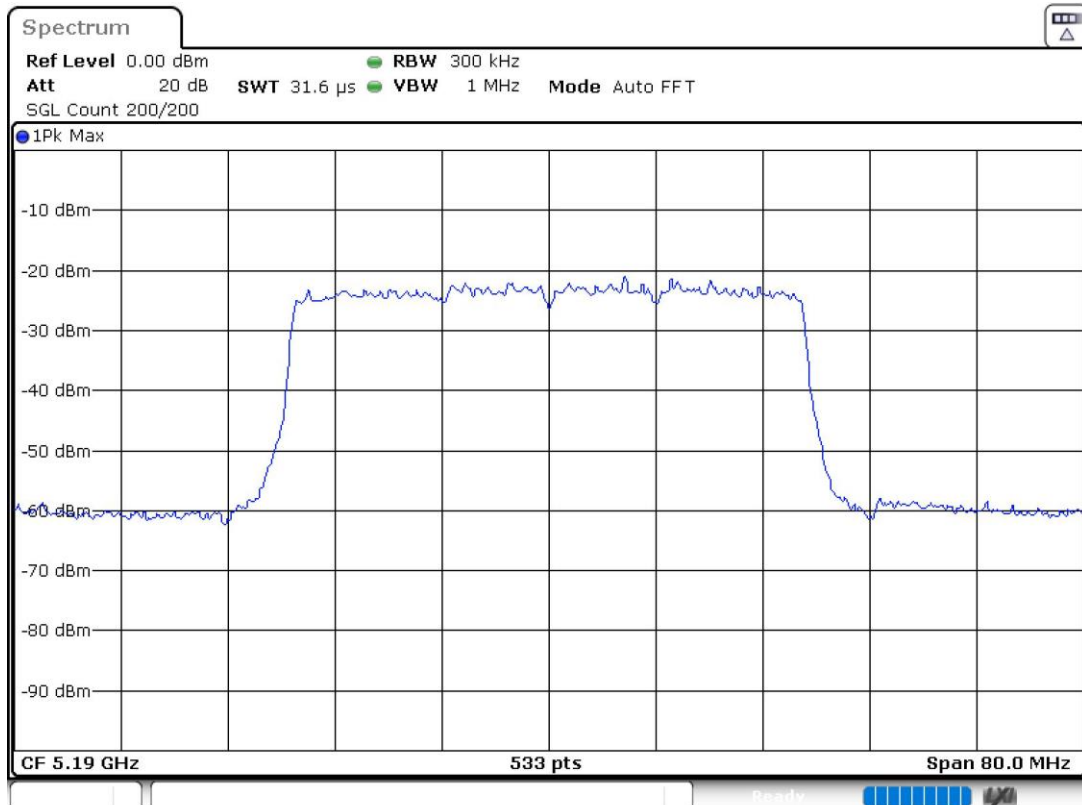
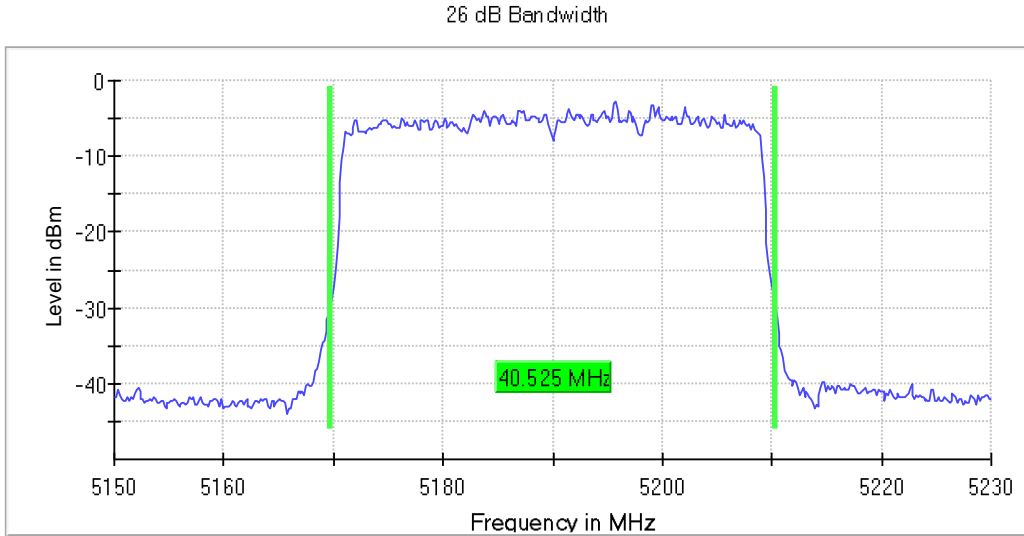
- High Channel 159 (5795 MHz):



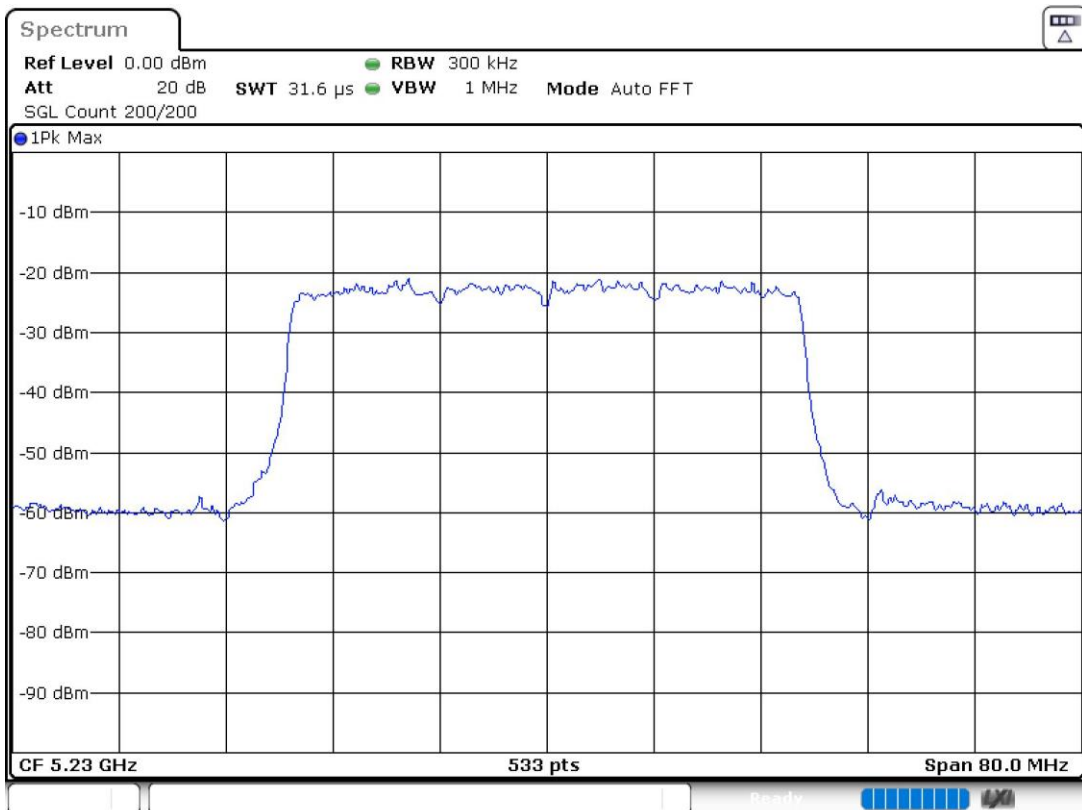
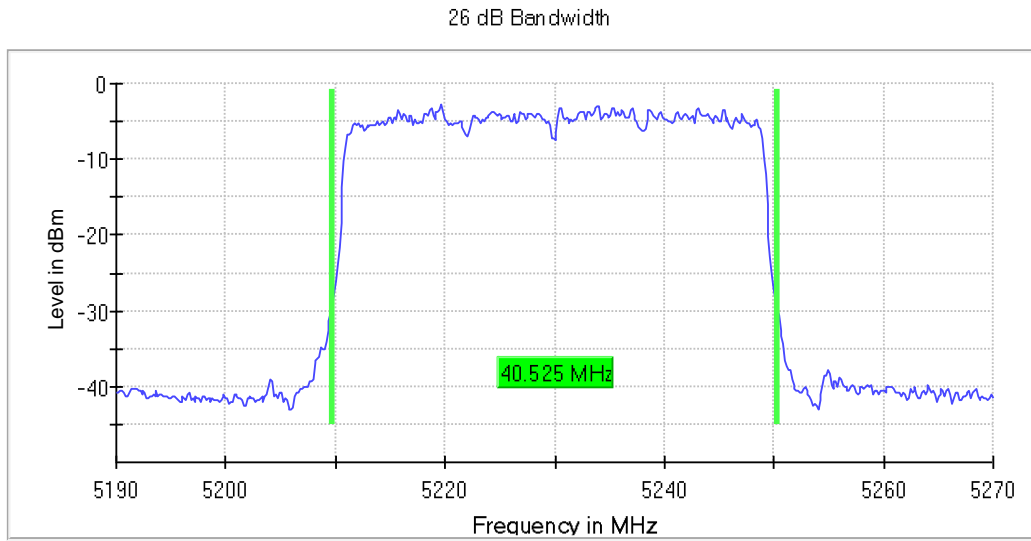
SISO 802.11 ax40 (HE40) – SU Full channel allocation:

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

- Low Channel 38 (5190 MHz):

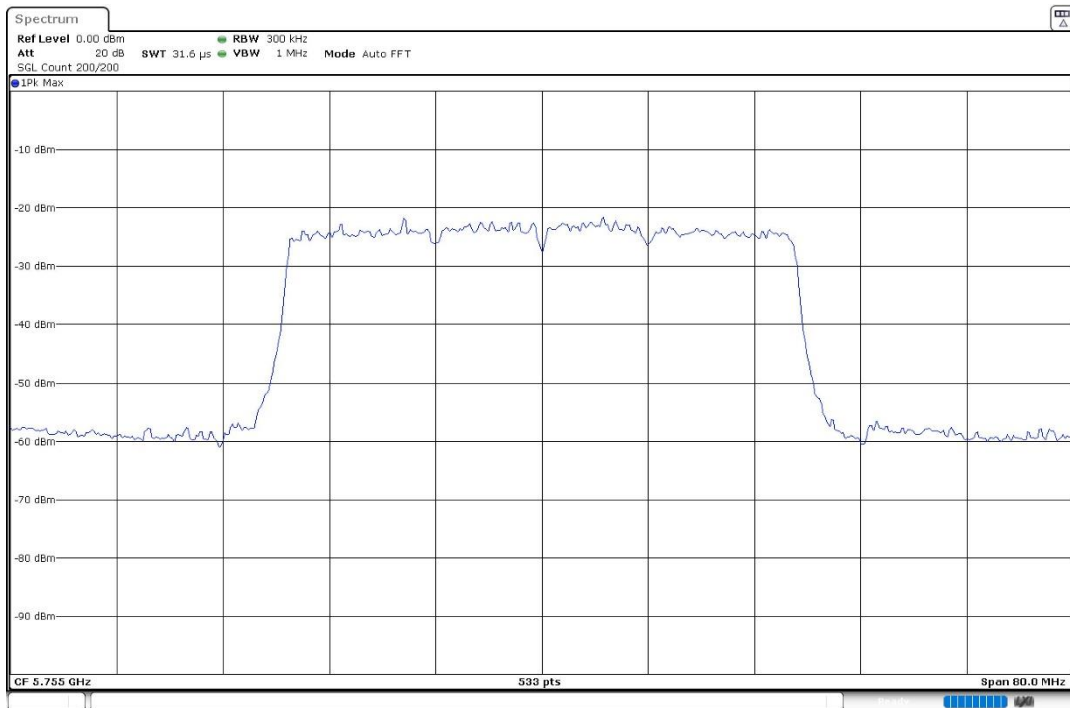
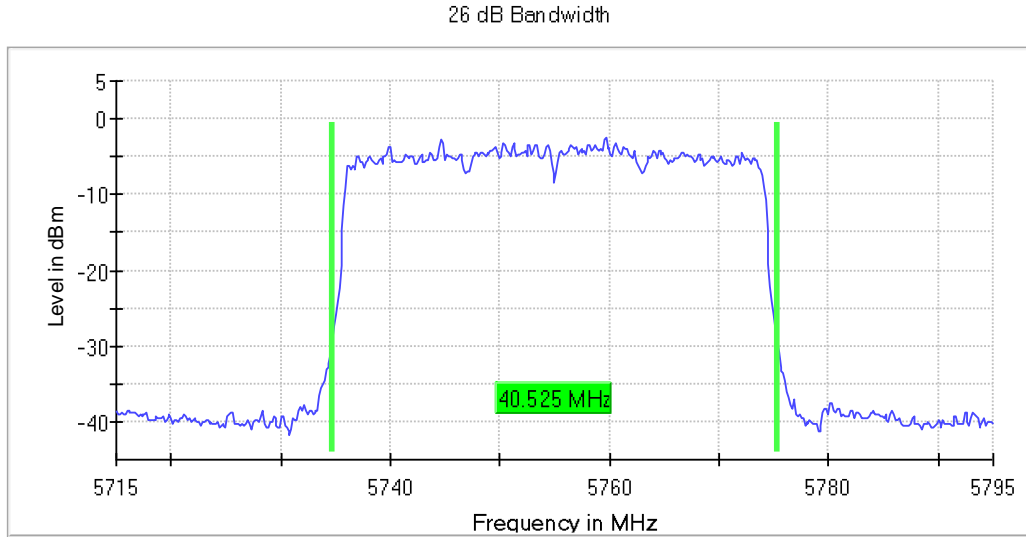


- High Channel 46 (5230 MHz):

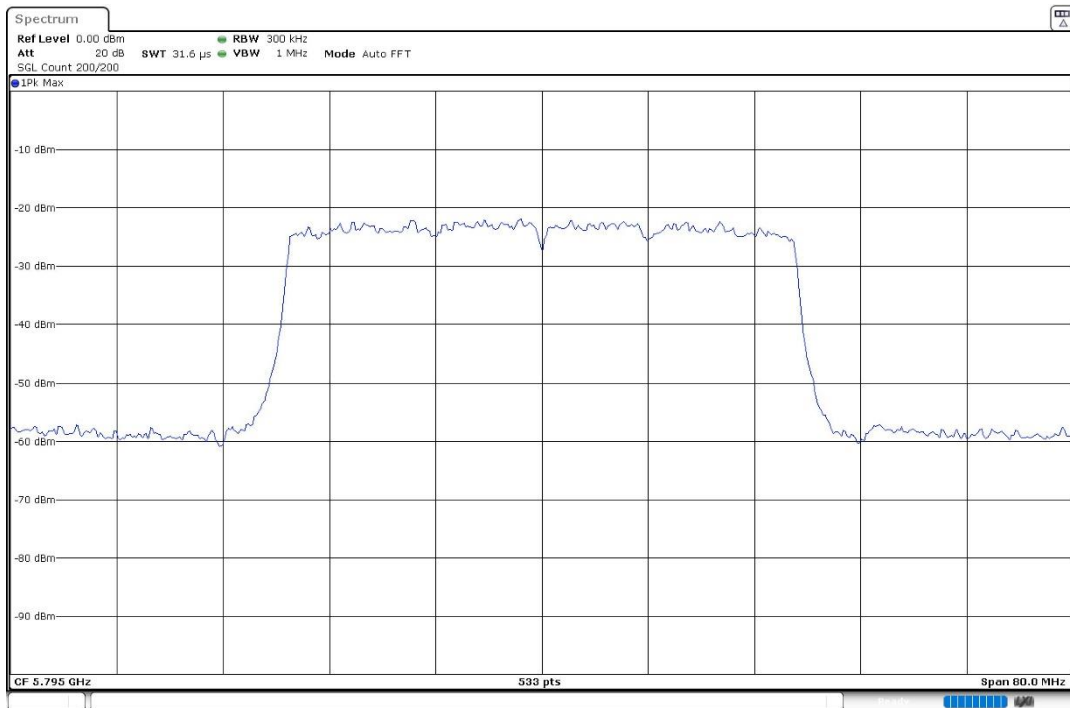
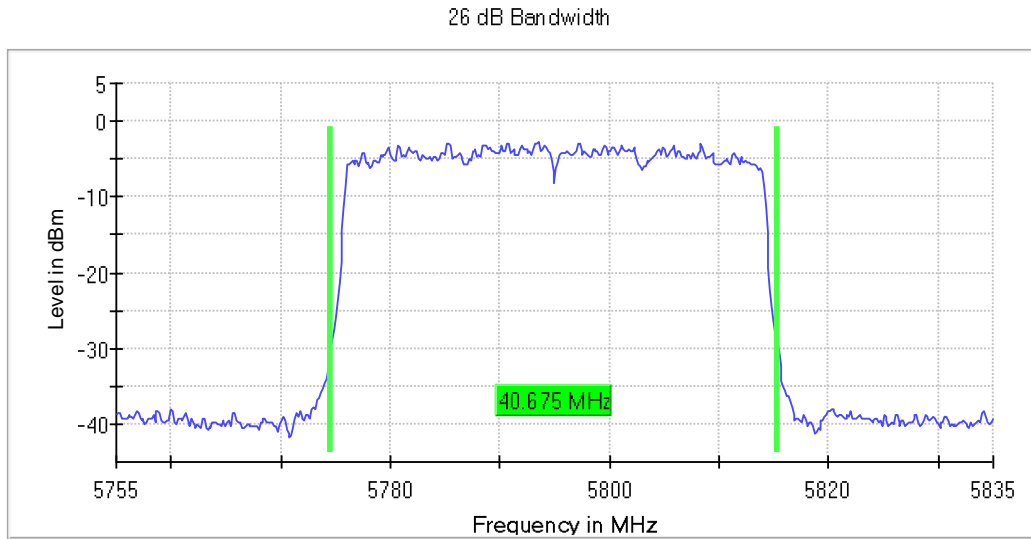


### U-NII-3 (5725-5850 MHz)

- Low Channel 151 (5755 MHz):



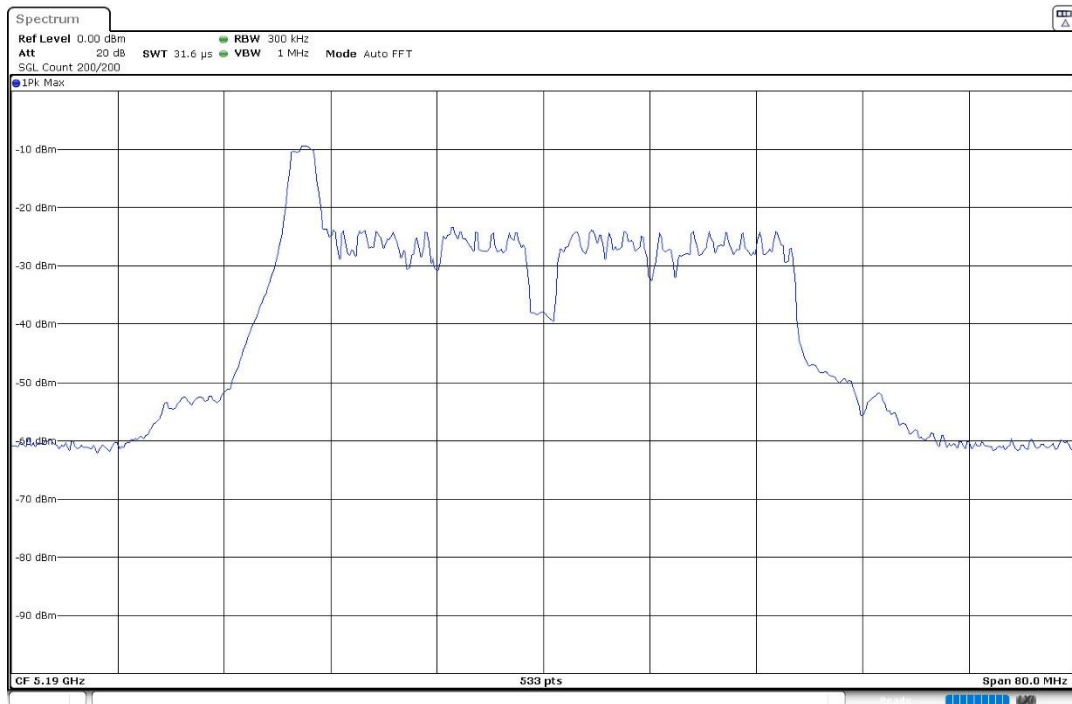
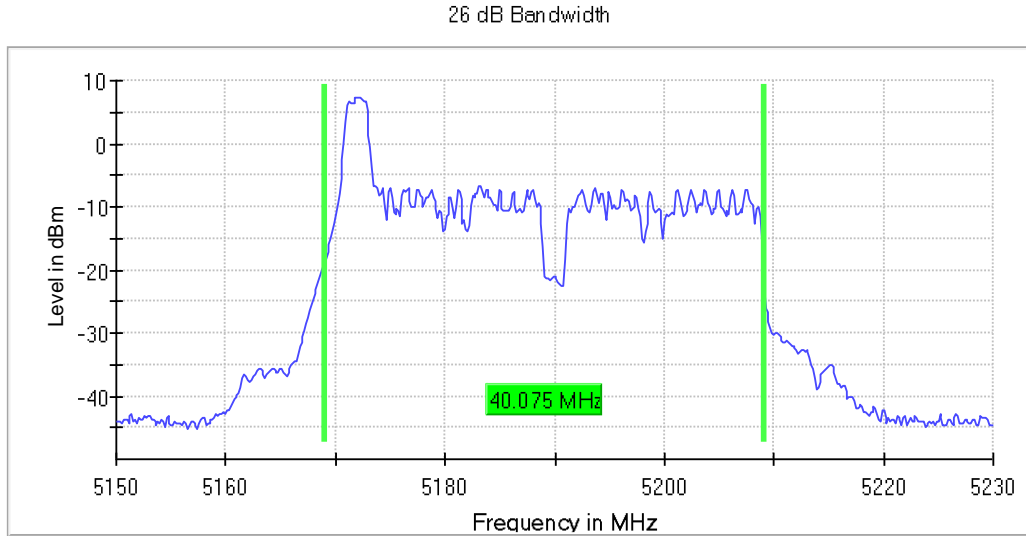
- High Channel 159 (5795 MHz):



### SISO 802.11 ax40 (HE40) – RU Subcarrier allocation (RU26):

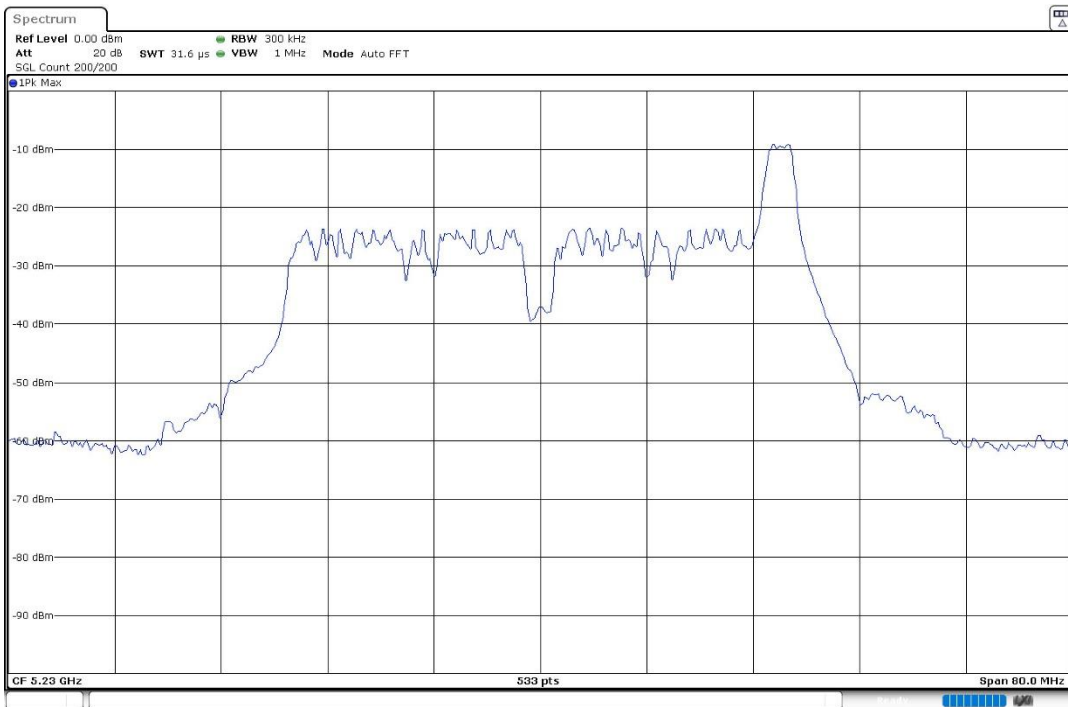
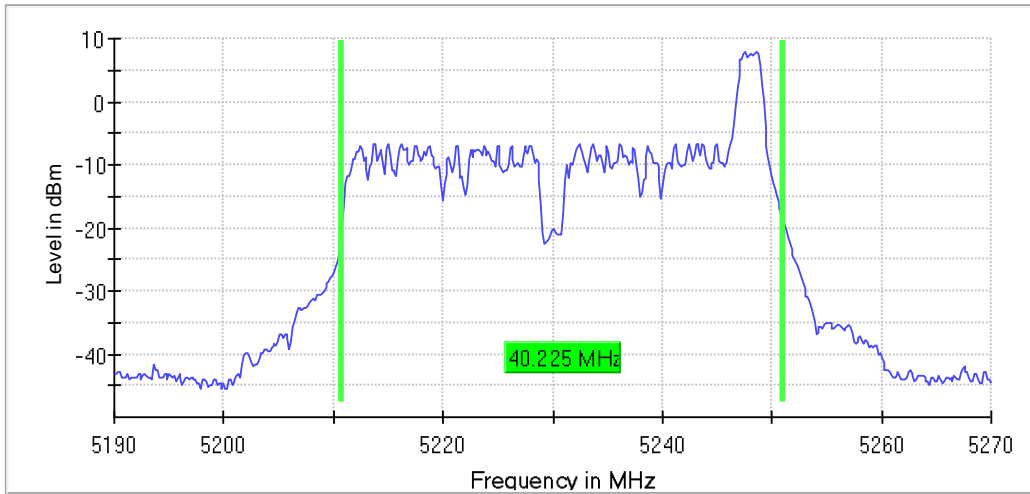
#### U-NII-1 (5150-5250 MHz)

- Low Channel 38 (5190 MHz) / RU26 Offset 0:



- High Channel 46 (5230 MHz) / RU26 Offset 17:

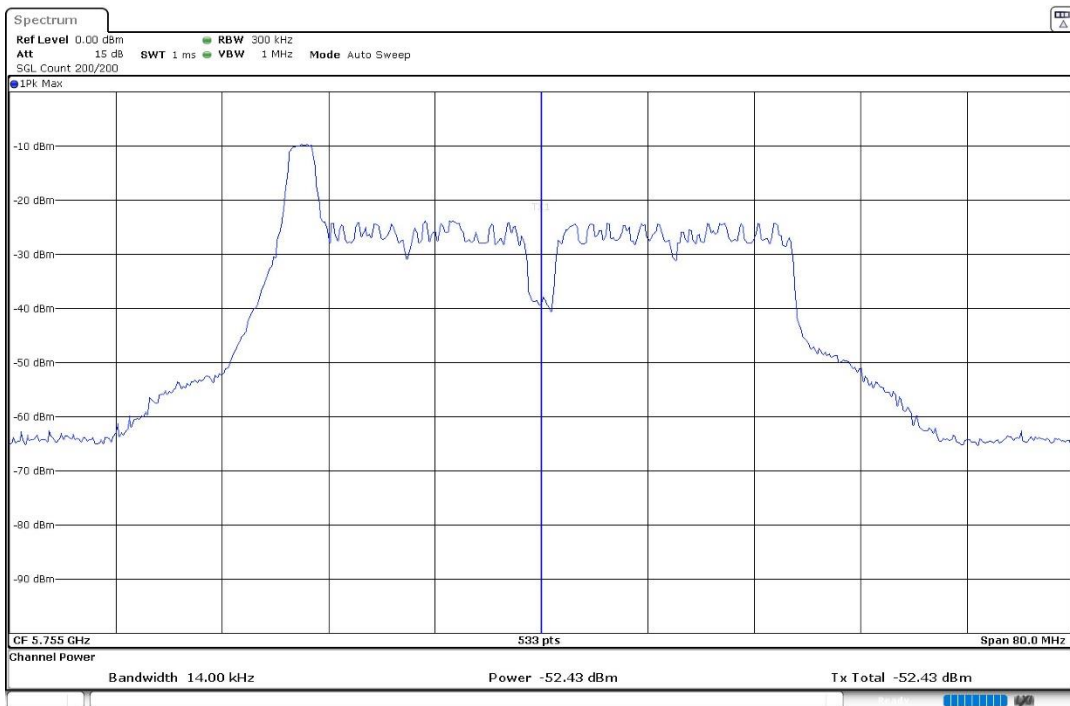
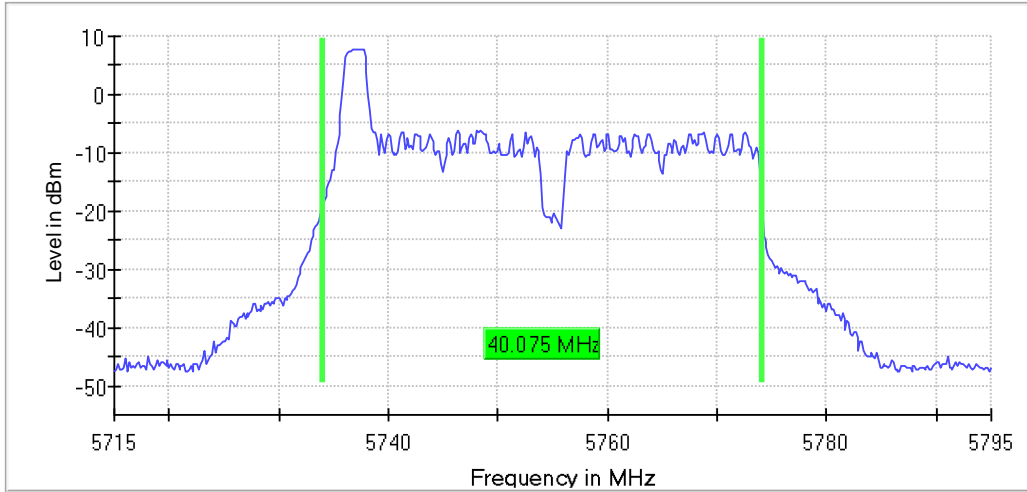
26 dB Bandwidth



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

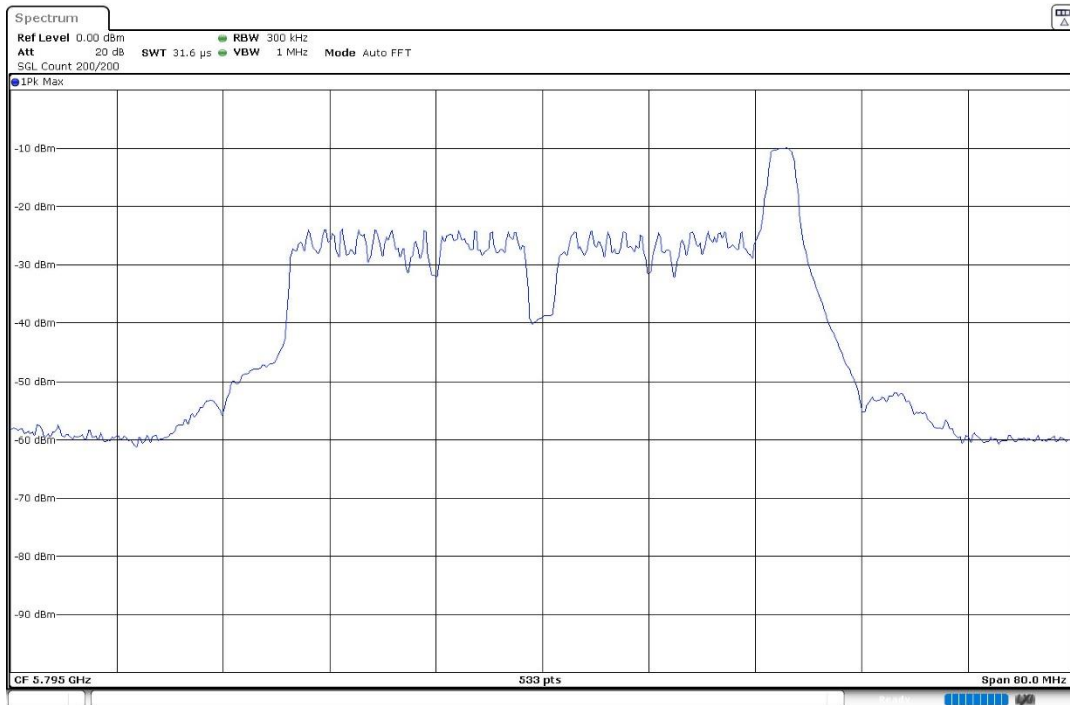
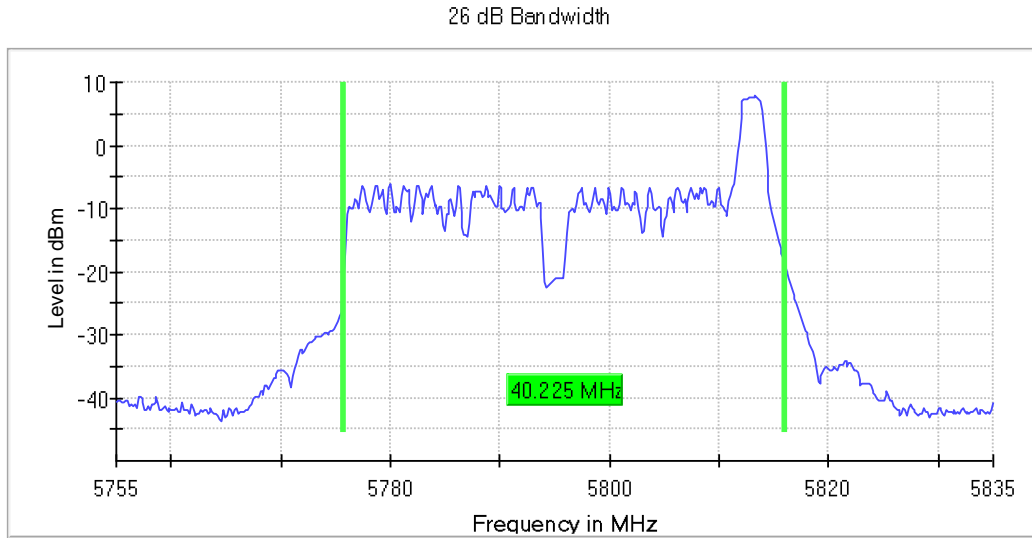
- Low Channel 151 (5755 MHz):

26 dB Bandwidth





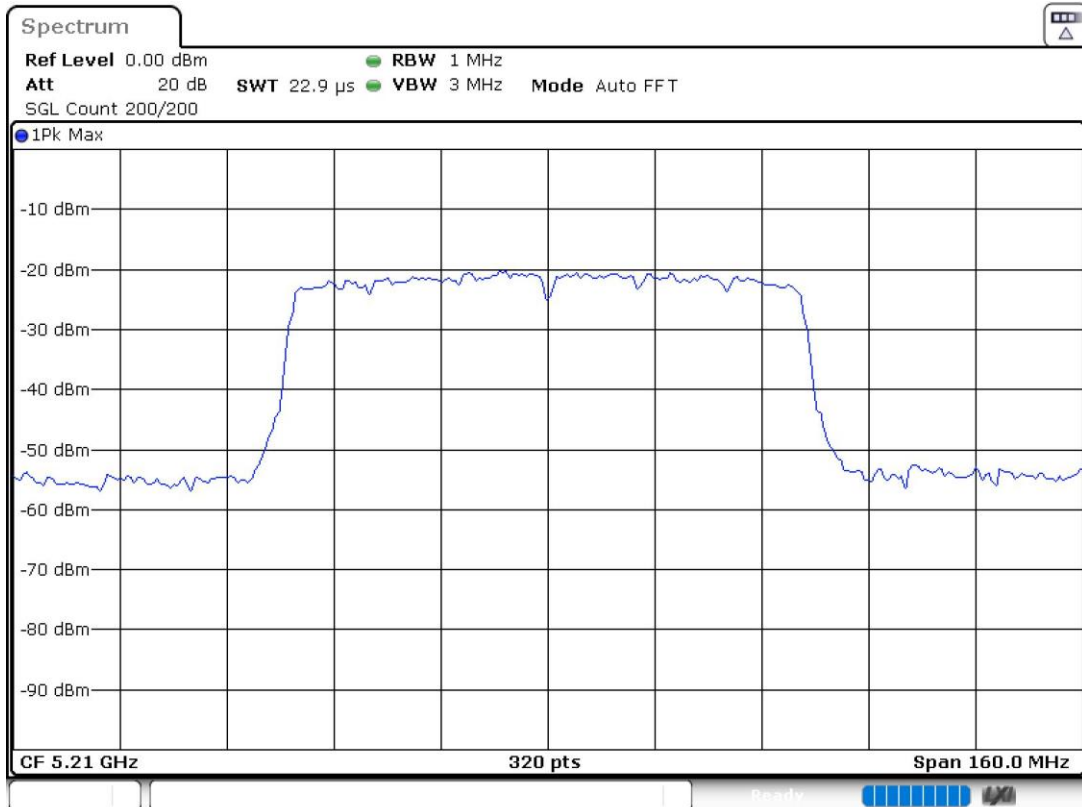
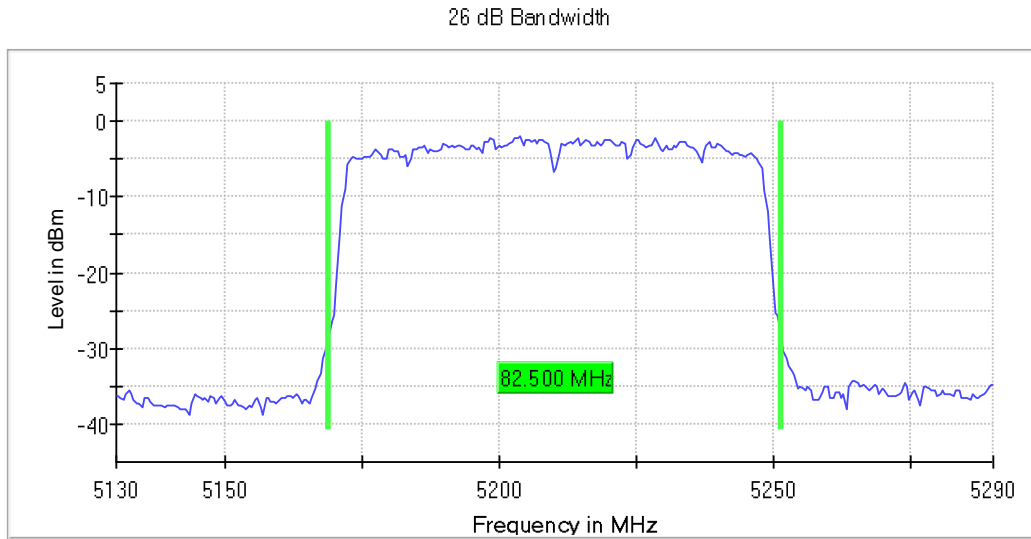
- High Channel 159 (5795 MHz):



**SISO 802.11 ac80 (VHT80):**

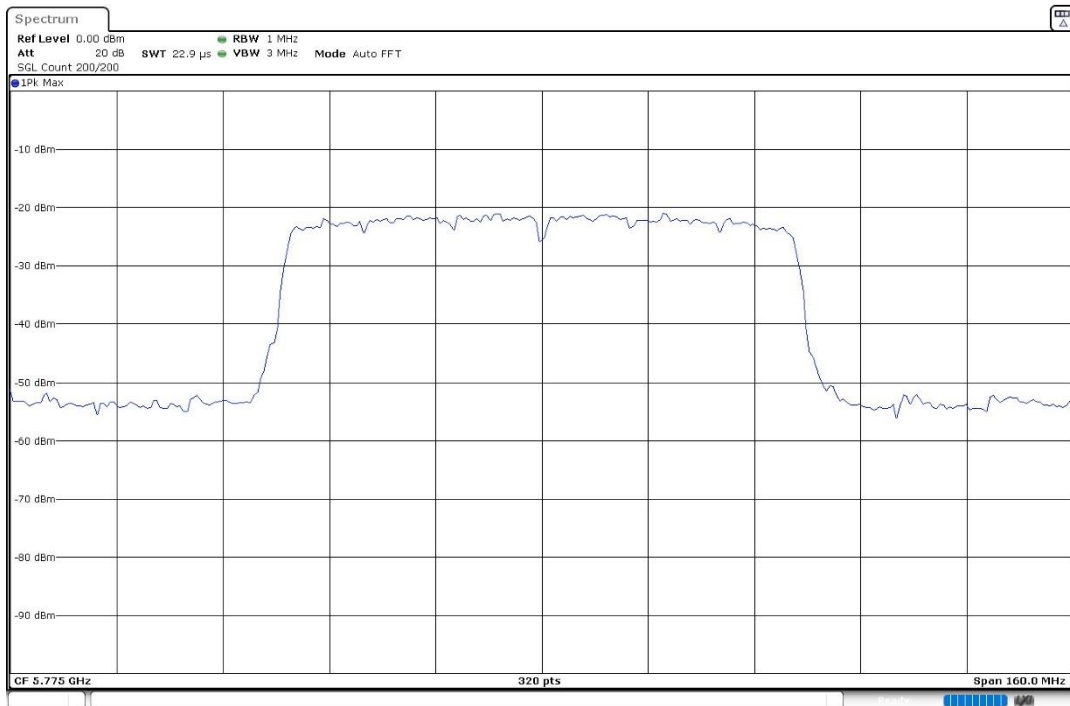
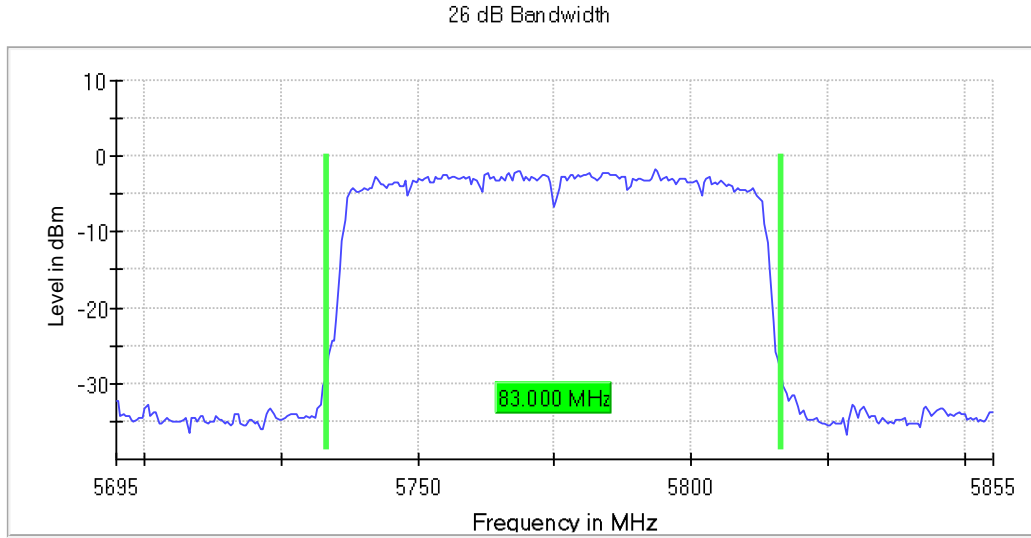
**U-NII-1 (5150-5250 MHz)**

- Single Channel 42 (5210 MHz):



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

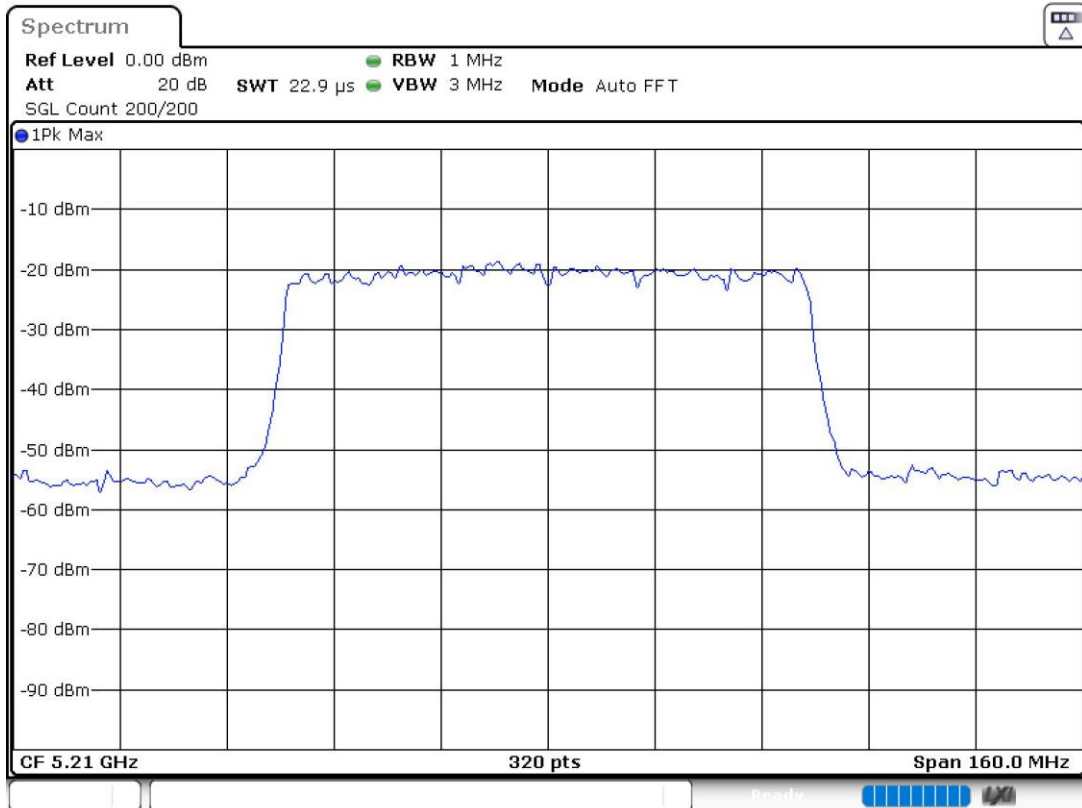
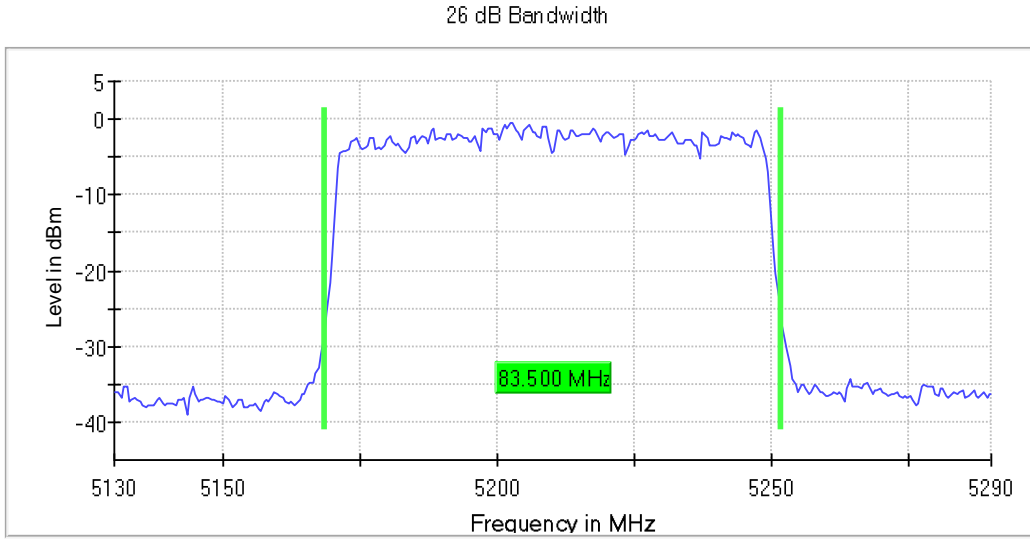
- Single Channel 155 (5775 MHz):



**SISO 802.11 ax80 (HE80) – SU Full channel allocation:**

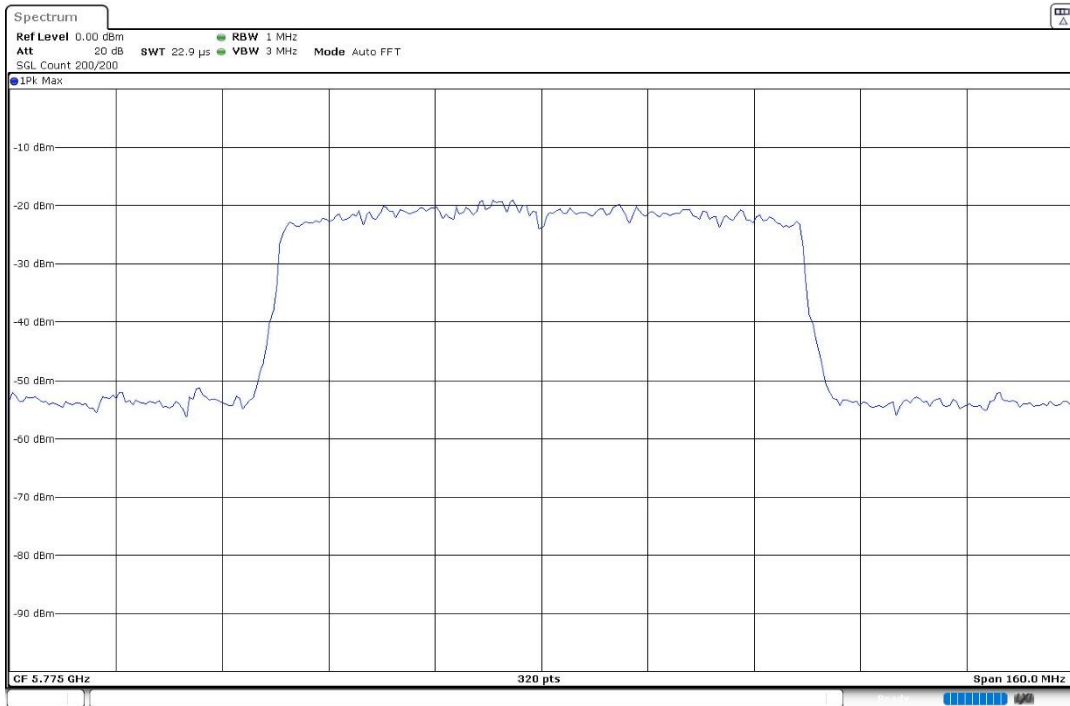
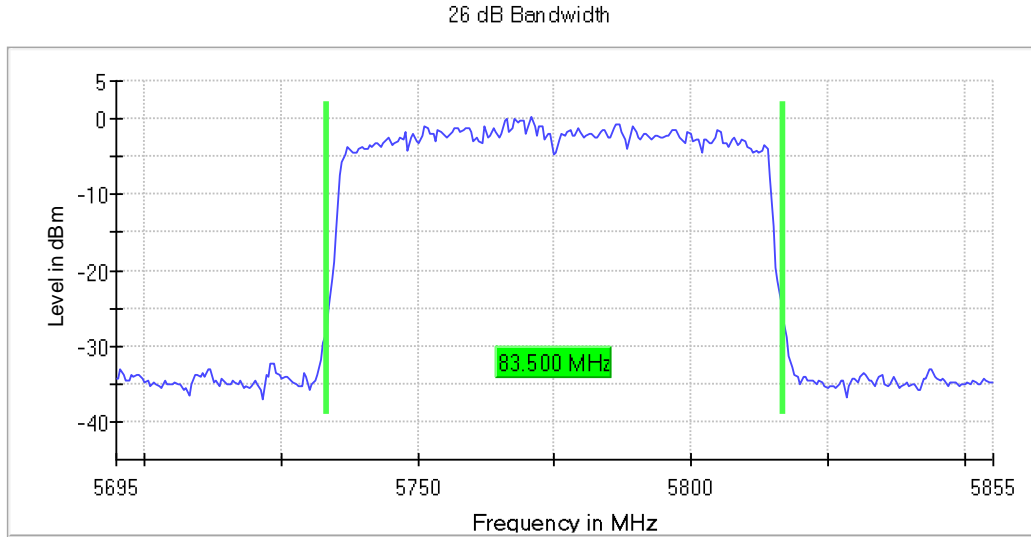
**U-NII-1 (5150-5250 MHz)**

- Single Channel 42 (5210 MHz):



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

- Single Channel 155 (5775 MHz):



**MIMO worst case**

**MIMO 802.11 a20:**

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

Channels	Low Channel 36 (5180 MHz)	Channel 44 (5220 MHz)	High Channel 48 (5240 MHz)
26 dB Emission Bandwidth (MHz)	18.900000	18.800000	18.900000
Measurement uncertainty (kHz)	< ±23.02		

**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)	18.800000	18.600000	18.600000
Measurement uncertainty (kHz)	< ±23.02		

**MIMO 802.11 n20 (HT20):**

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

Channels	Low Channel 36 (5180 MHz)	Channel 44 (5220 MHz)	High Channel 48 (5240 MHz)
26 dB Emission Bandwidth (MHz)	20.200000	20.200000	20.100000
Measurement uncertainty (kHz)	< ±23.02		

**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)	20.100000	20.000000	20.000000
Measurement uncertainty (kHz)	< ±23.02		

**MIMO 802.11 ac20 (VHT20):**

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

Channels	Low Channel 36 (5180 MHz)	Channel 44 (5220 MHz)	High Channel 48 (5240 MHz)
26 dB Emission Bandwidth (MHz)	20.300000	20.100000	20.300000
Measurement uncertainty (kHz)	< ±23.02		

**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)	20.000000	20.200000	20.300000
Measurement uncertainty (kHz)	< ±23.02		

**MIMO 802.11 ax20 (HE20) – SU Full-channel allocation:**

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

Channels	Low Channel 36 (5180 MHz)	Middle Channel 44 (5220 MHz)	High Channel 48 (5240 MHz)
26 dB Emission Bandwidth (MHz)	21.100000	21.000000	20.800000
Measurement uncertainty (kHz)	< ±23.02		

**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)	21.100000	21.300000	21.200000
Measurement uncertainty (kHz)	< ±23.02		

**MIMO 802.11 ax20 (HE20) – RU Subcarrier allocation (RU26):**

The next RU combinations were tested as worst cases:

- Low Channel: RU26 Offset 0
- Middle Channel: RU26 Offset 4
- High Channel: RU26 Offset 8

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

Channels	Low Channel 36 (5180 MHz)	Middle Channel 42 (5200 MHz)	High Channel 48 (5240 MHz)
26 dB Emission Bandwidth (MHz)	20.300000	18.900000	20.300000
Measurement uncertainty (kHz)	< ±23.02		

**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)	20.100000	18.600000	20.200000
Measurement uncertainty (kHz)	< ±23.02		

**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)	39.474672	39.474672
Measurement uncertainty (kHz)	< ±23.02	

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

Channels	Low Channel 151 (5755 MHz)	High Channel 159 (5795 MHz)
26 dB Emission Bandwidth (MHz)	39.624766	39.324578
Measurement uncertainty (kHz)	< ±23.02	

**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)	39.624766	39.624766
Measurement uncertainty (kHz)	< ±23.02	

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

Channels	Low Channel 151 (5755 MHz)	High Channel 159 (5795 MHz)
26 dB Emission Bandwidth (MHz)	39.324578	39.324578
Measurement uncertainty (kHz)	< ±23.02	



**MIMO 802.11 ax40 (HE40) – SU Full channel allocation:**

The next RU combinations were tested as worst cases:

Low Channel: RU26 Offset 0  
 High Channel: RU26 Offset 17

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

Channels	Low Channel 38 (5190 MHz)	High Channel 46 (5230 MHz)
26 dB Emission Bandwidth (MHz)	40.525328	40.675422
Measurement uncertainty (kHz)	< ±23.02	

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

Channels	Low Channel 151 (5755 MHz)	High Channel 159 (5795 MHz)
26 dB Emission Bandwidth (MHz)	40.375234	40.375234
Measurement uncertainty (kHz)	< ±23.02	

**MIMO 802.11 ax40 (HE40) – RU Subcarrier allocation (RU26):**

The next RU combinations were tested as worst cases:

Low Channel: RU26 Offset 0  
 High Channel: RU26 Offset 17

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

Channels	Low Channel 38 (5190 MHz)	High Channel 46 (5230 MHz)
26 dB Emission Bandwidth (MHz)	40.075047	39.924954
Measurement uncertainty (kHz)	< ±23.02	

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

Channels	Low Channel 151 (5755 MHz)	High Channel 159 (5795 MHz)
26 dB Emission Bandwidth (MHz)	39.924953	40.225141
Measurement uncertainty (kHz)	< ±23.02	

**MIMO 802.11 ac80 (VHT80):**

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

Channel	Single Channel 42 (5210 MHz)
26 dB Emission Bandwidth (MHz)	83.000000
Measurement uncertainty (kHz)	< ±23.02

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

Channel	Single Channel 155 (5775 MHz)
26 dB Emission Bandwidth (MHz)	82.500000
Measurement uncertainty (kHz)	< ±23.02

**MIMO 802.11 ax80 (HE80) – SU Full-channel allocation:**

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

Channel	Single Channel 42 (5210 MHz)
26 dB Emission Bandwidth (MHz)	84.000000
Measurement uncertainty (kHz)	< ±23.02

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

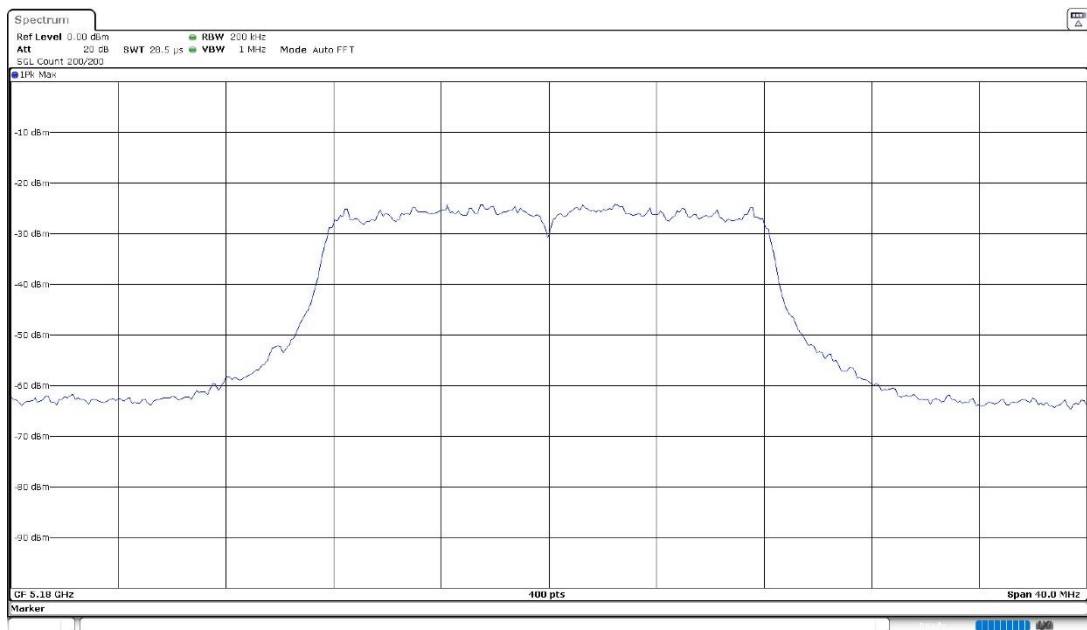
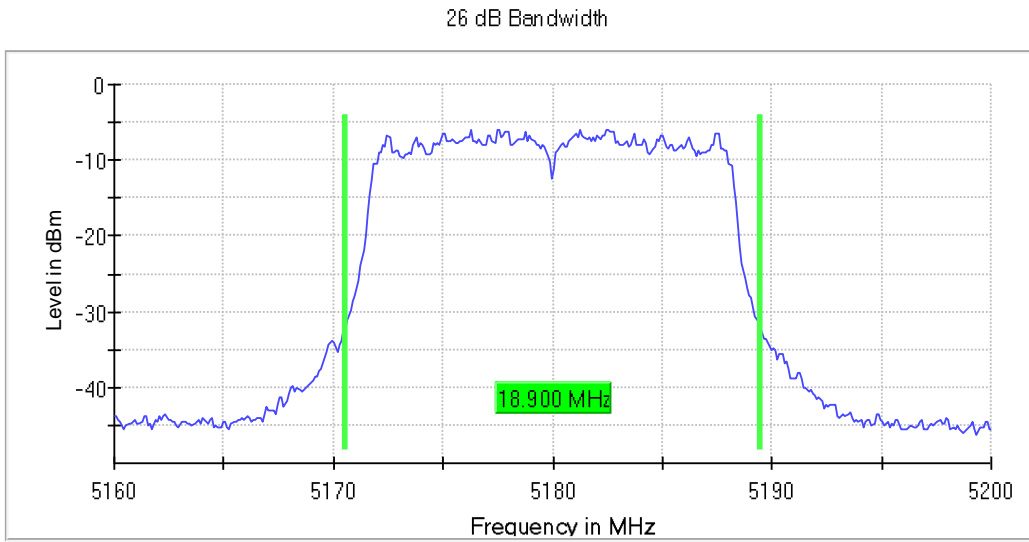
Channel	Single Channel 155 (5775 MHz)
26 dB Emission Bandwidth (MHz)	83.500000
Measurement uncertainty (kHz)	< ±23.02

**MIMO worst case**

**MIMO 802.11 a20:**

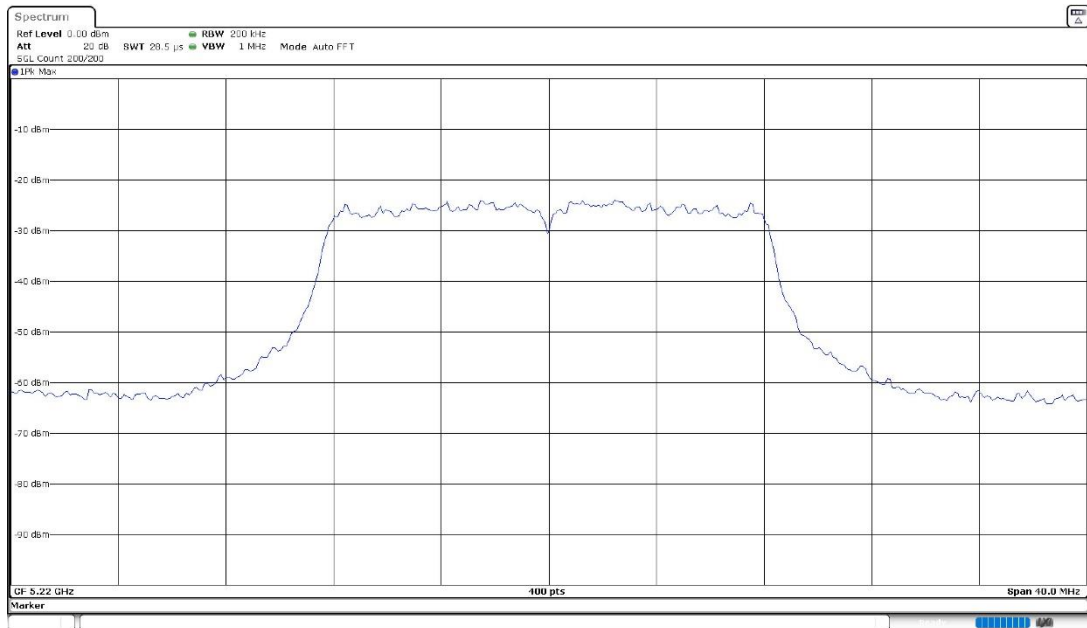
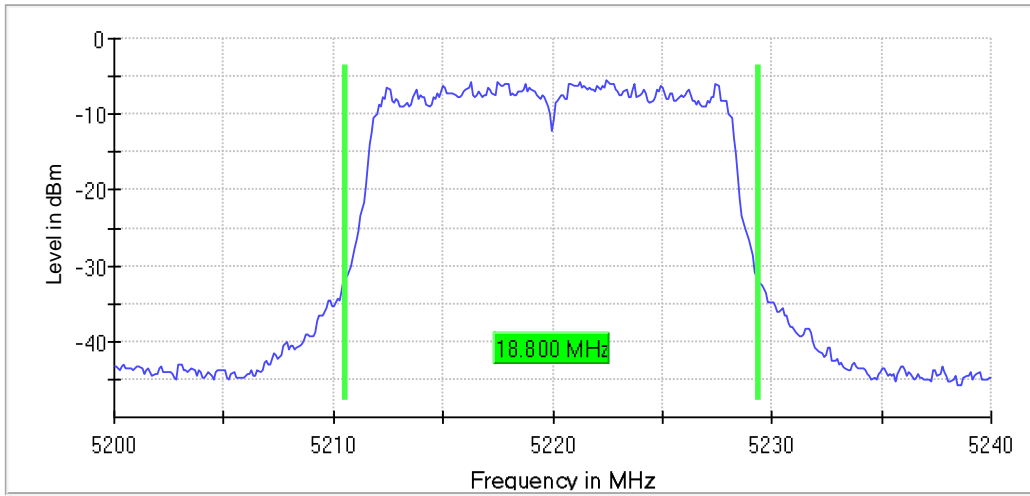
**U-NII-1 (5150-5250 MHz)**

- Low Channel 36 (5180 MHz):



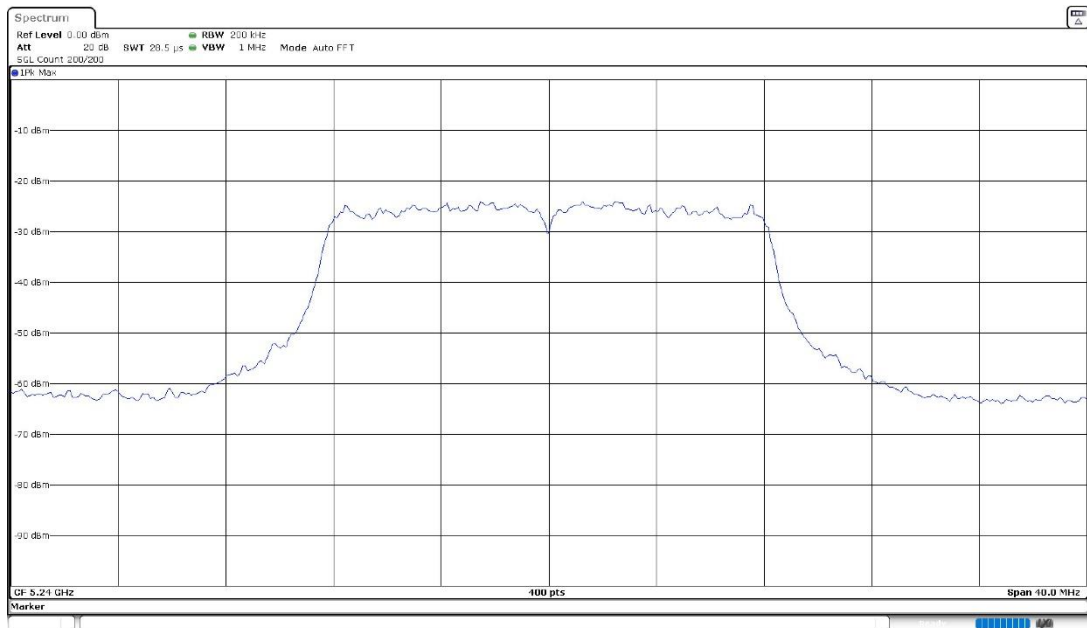
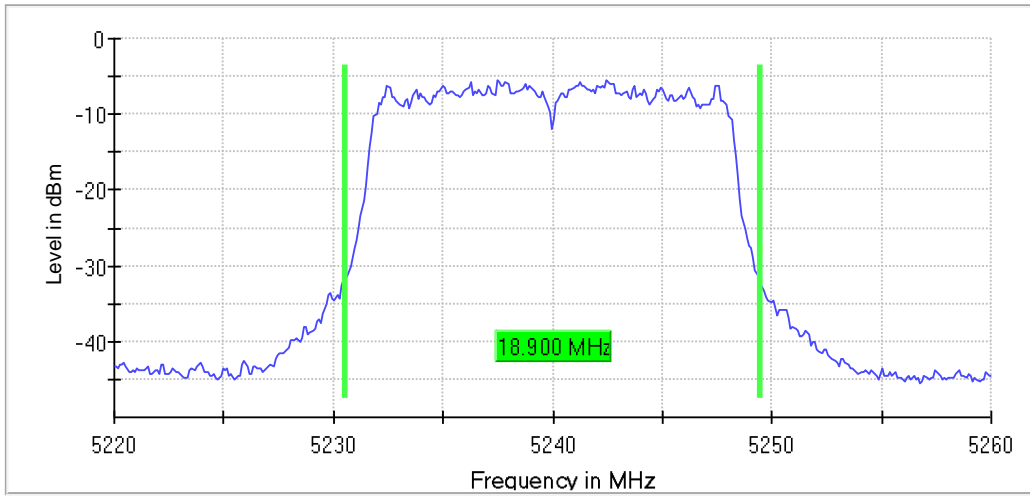
- Channel 44 (5220 MHz):

26 dB Bandwidth



- High Channel 48 (5240 MHz):

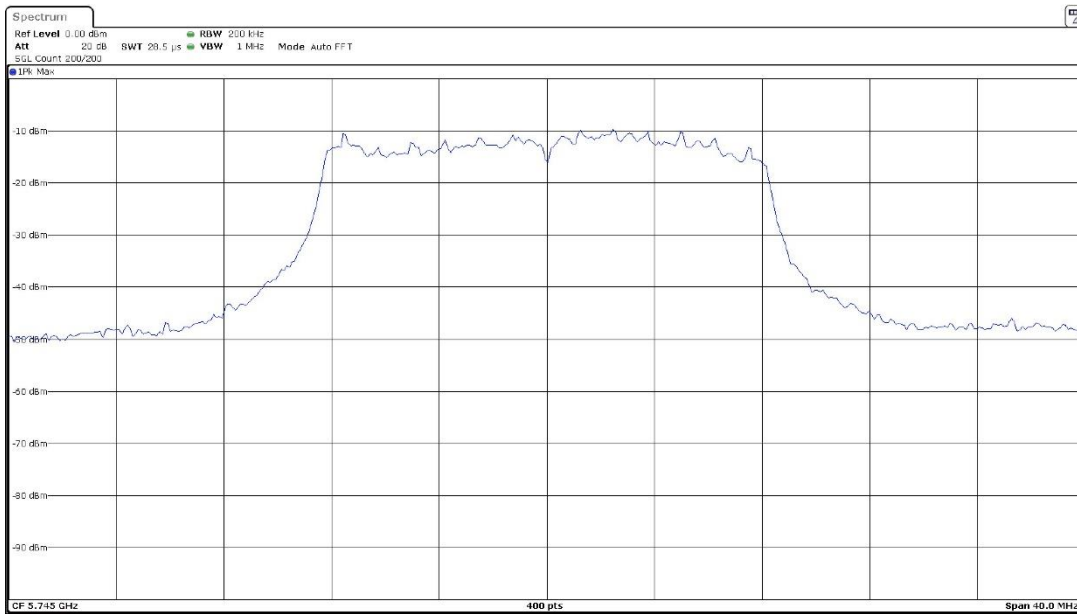
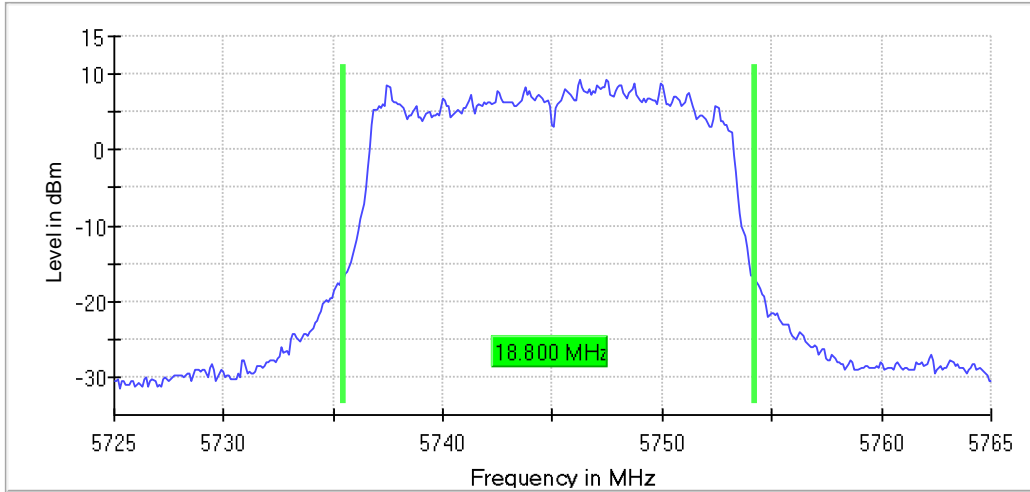
26 dB Bandwidth



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

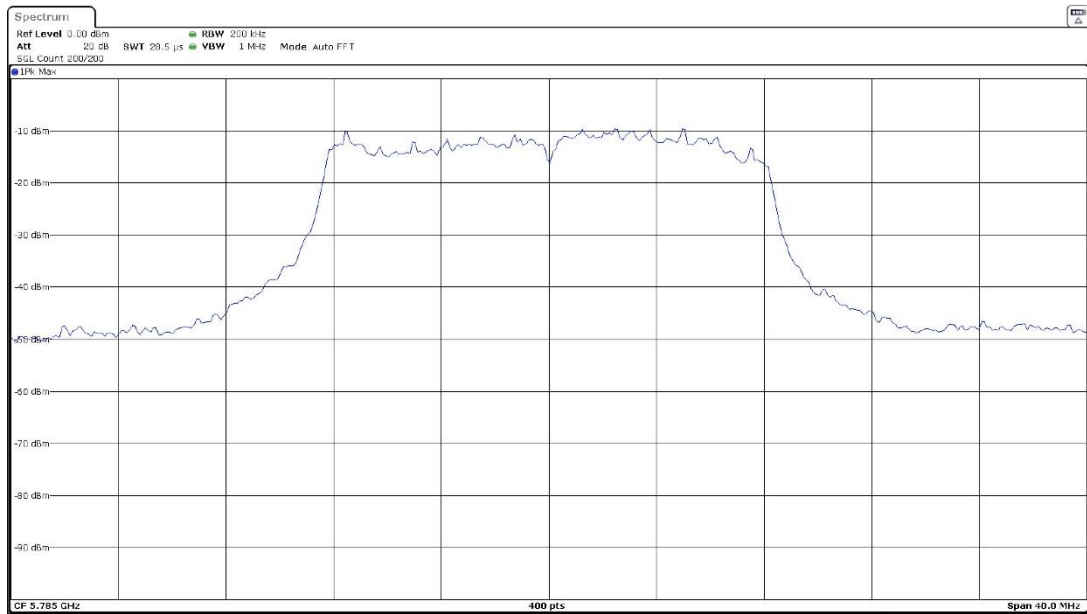
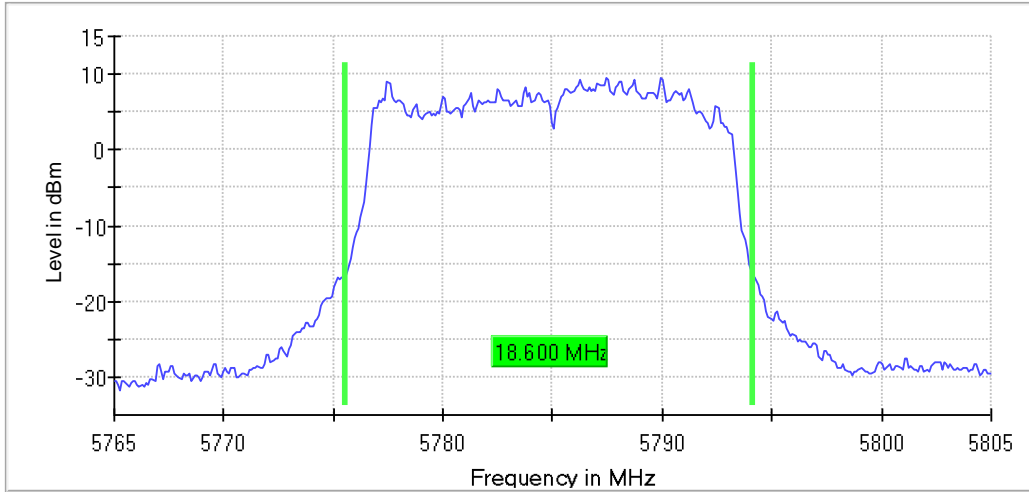
- Low Channel 149 (5745 MHz):

26 dB Bandwidth



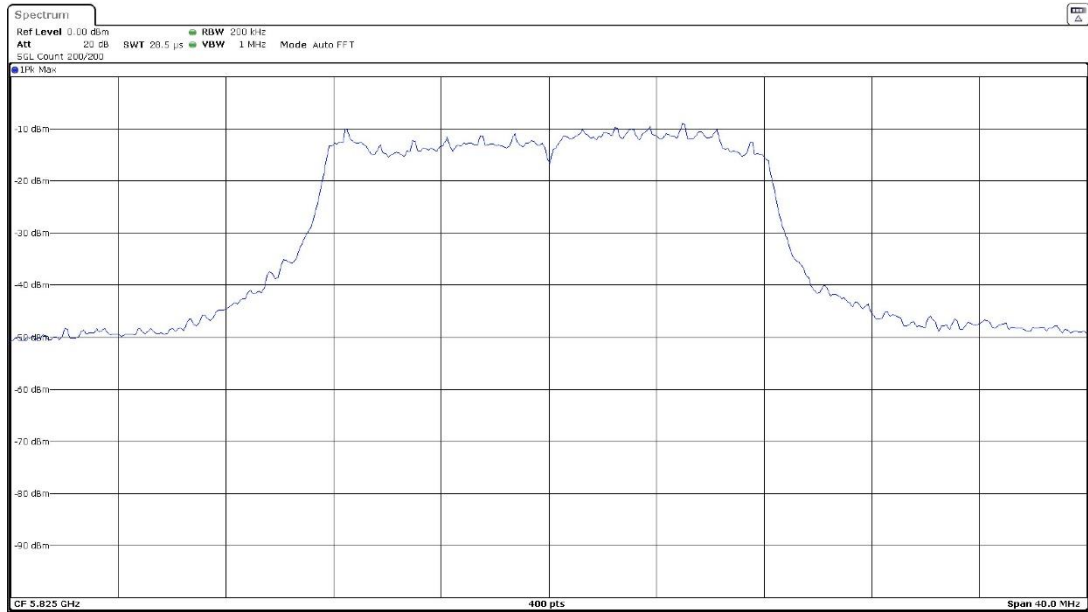
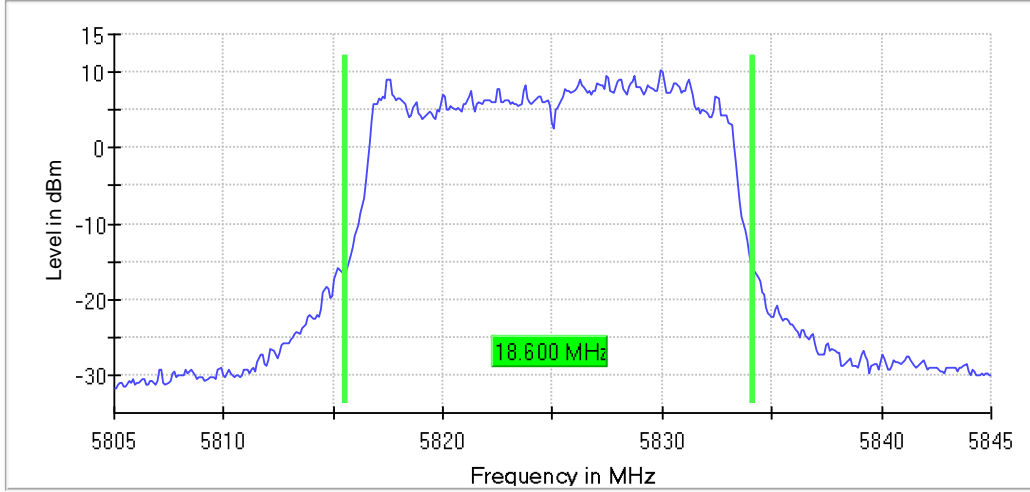
- Middle Channel 157 (5785 MHz):

26 dB Bandwidth



- High Channel 165 (5825 MHz):

26 dB Bandwidth

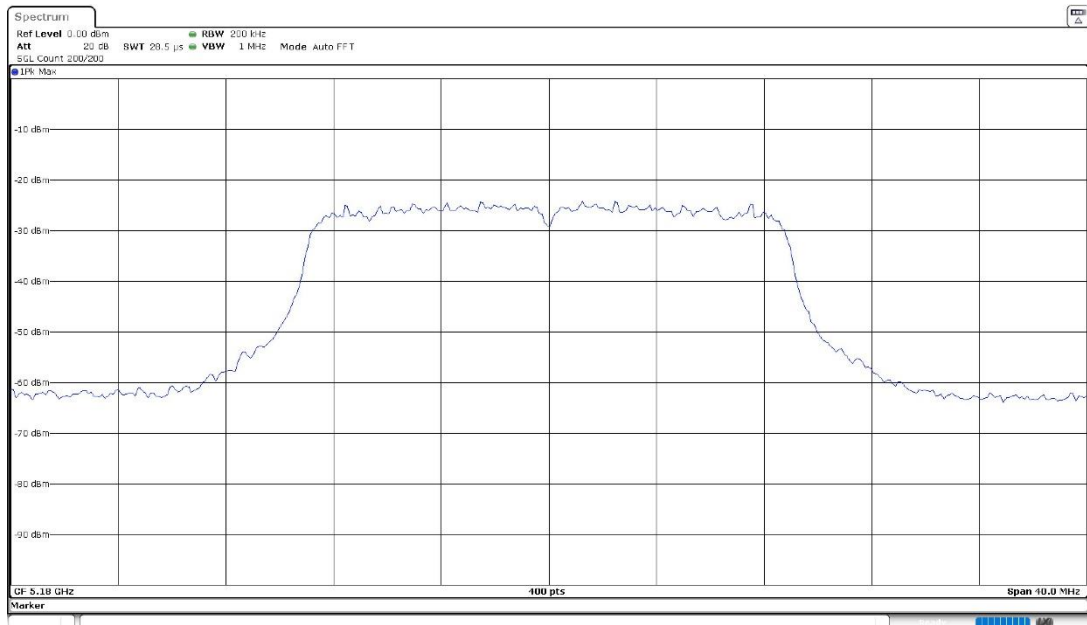
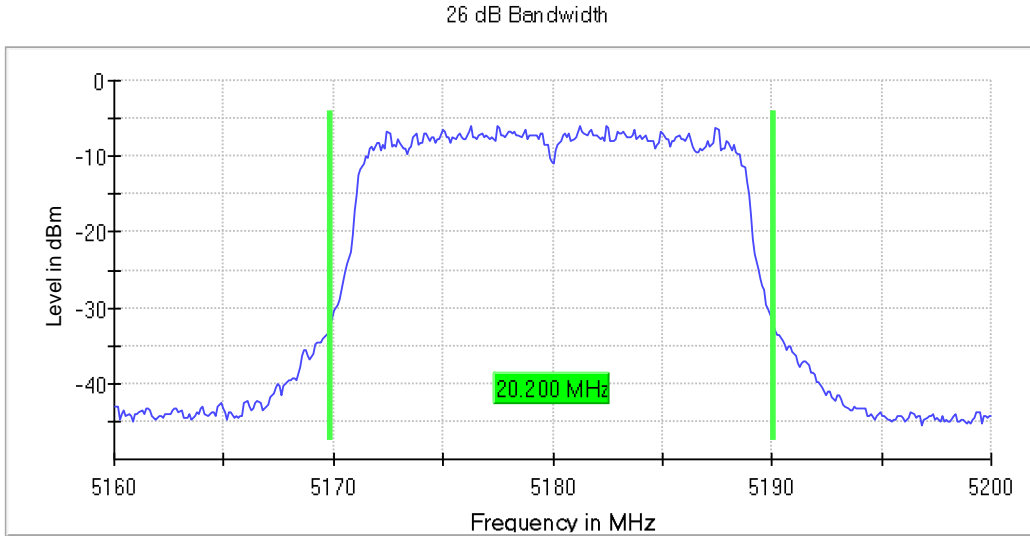




**MIMO 802.11 n20 (HT20):**

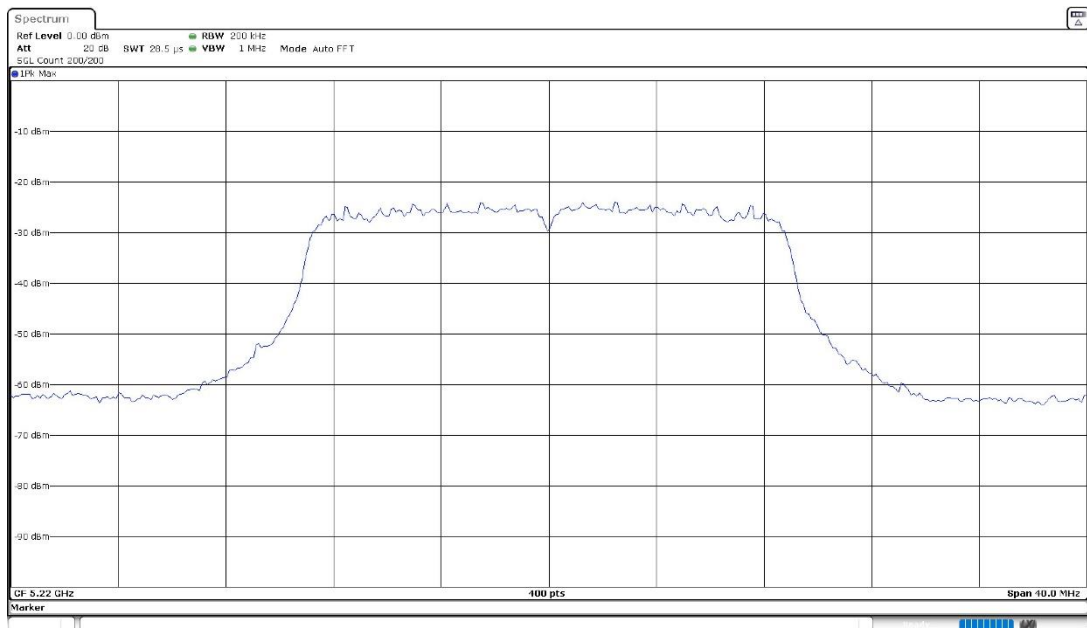
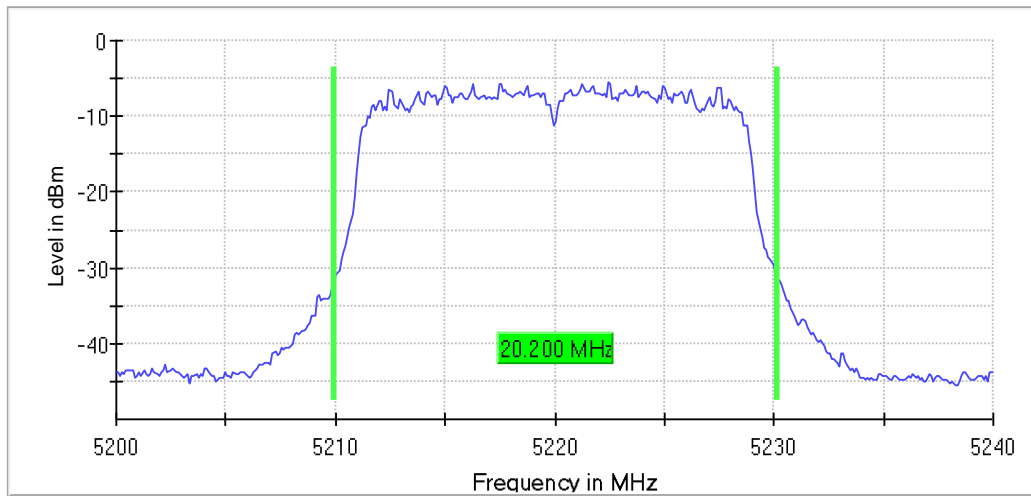
**U-NII-1 (5150-5250 MHz)**

- Low Channel 36 (5180 MHz):



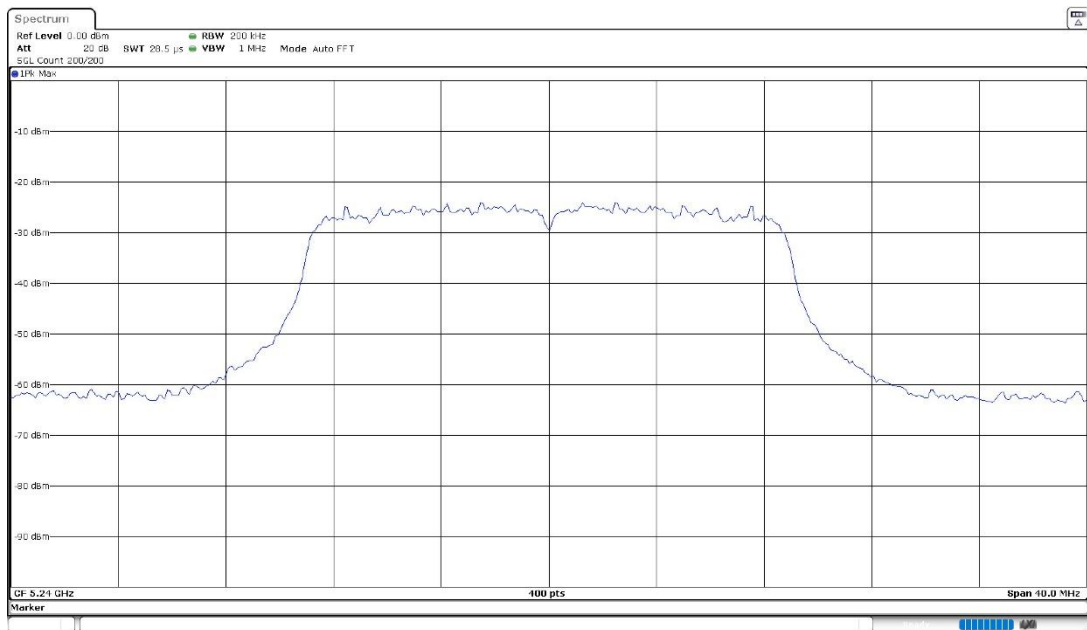
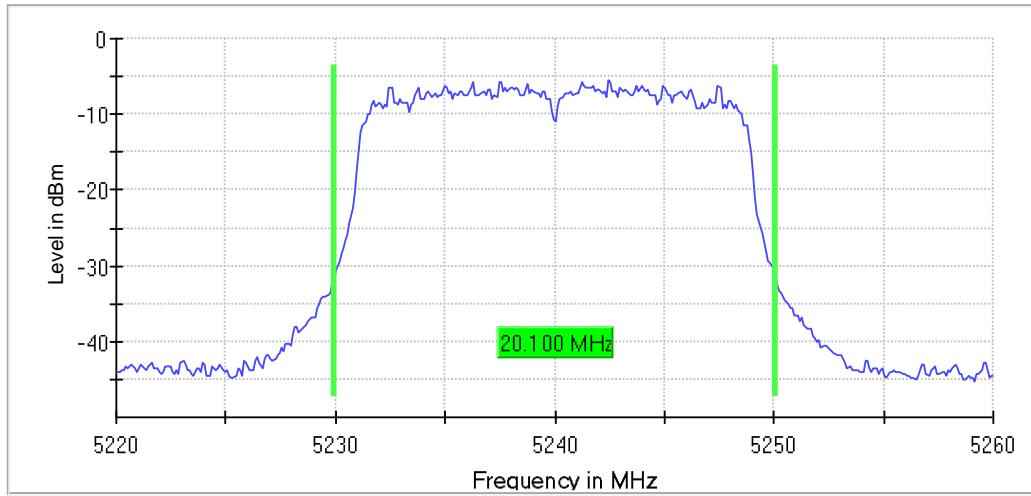
- Channel 44 (5220 MHz):

26 dB Bandwidth



- High Channel 48 (5240 MHz):

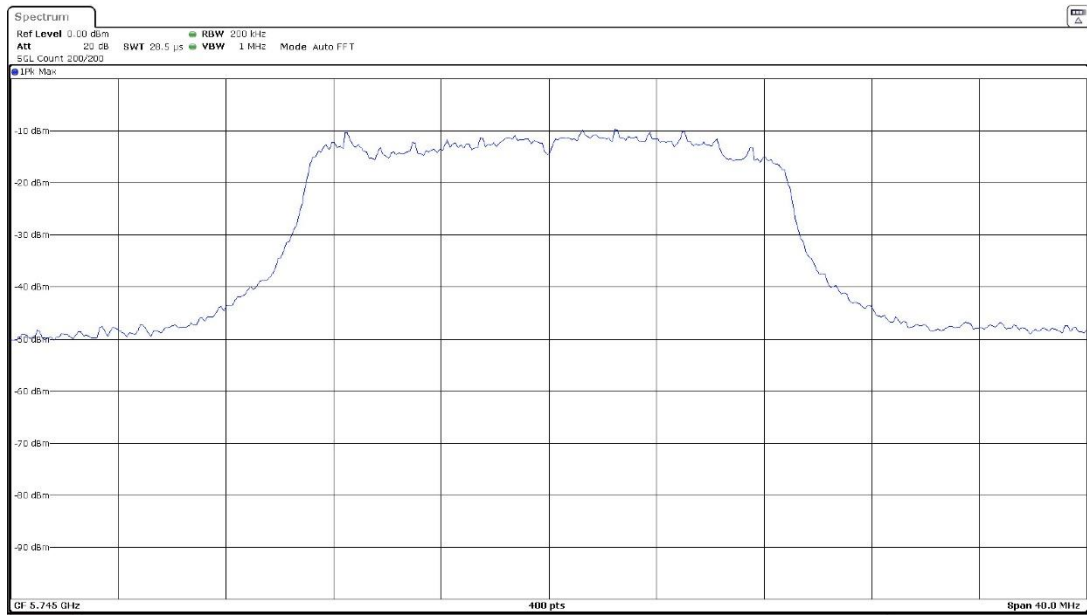
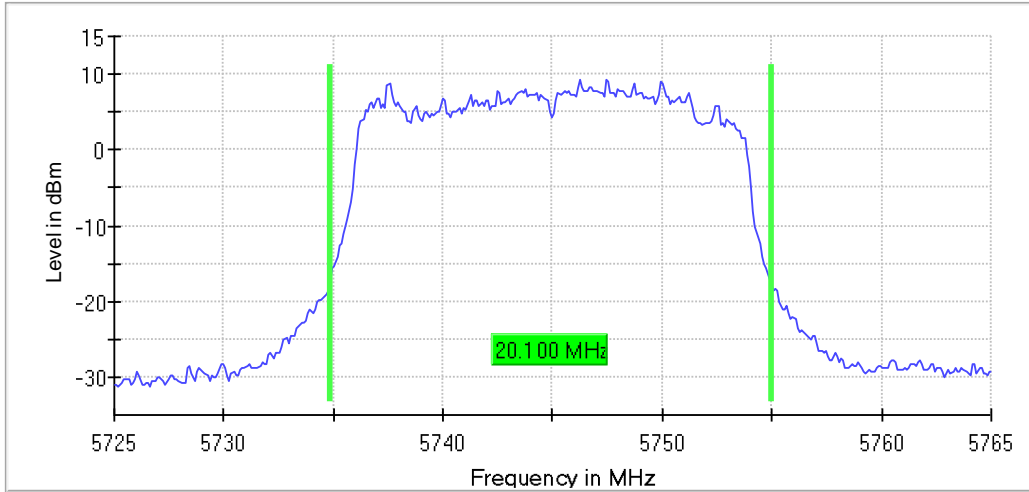
26 dB Bandwidth



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

- Low Channel 149 (5745 MHz):

26 dB Bandwidth



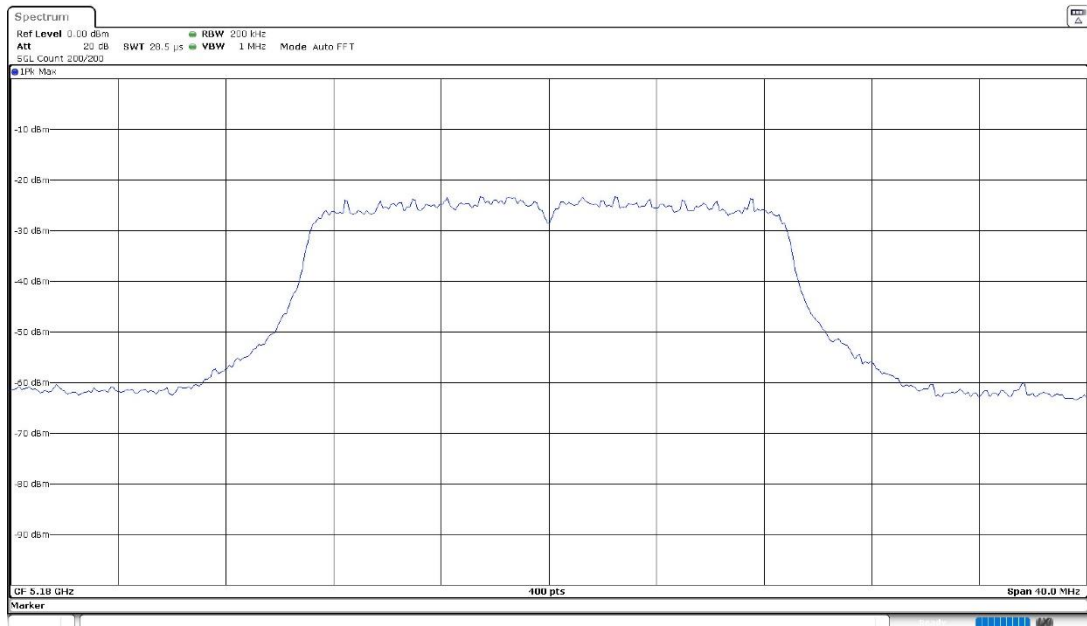
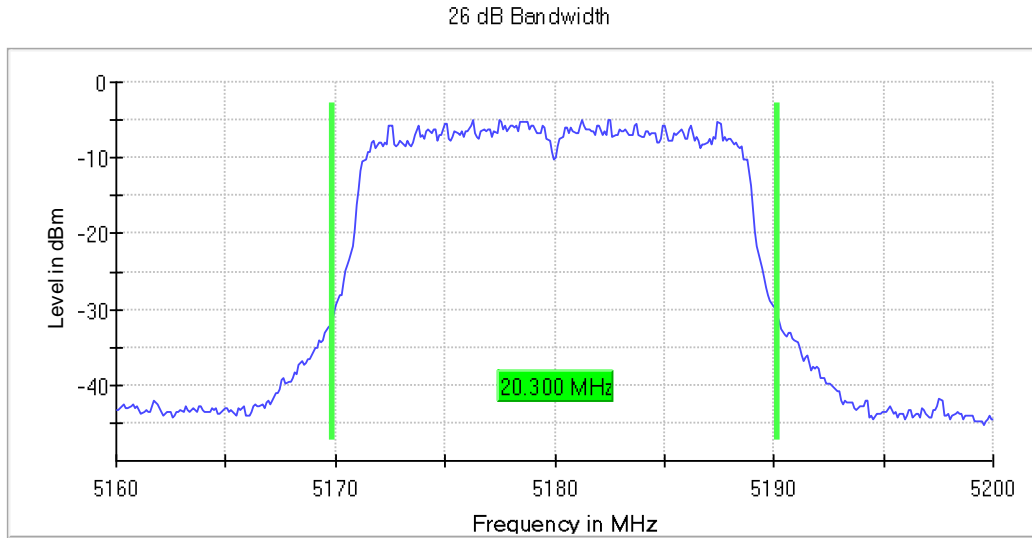




**MIMO 802.11 ac20 (VHT20):**

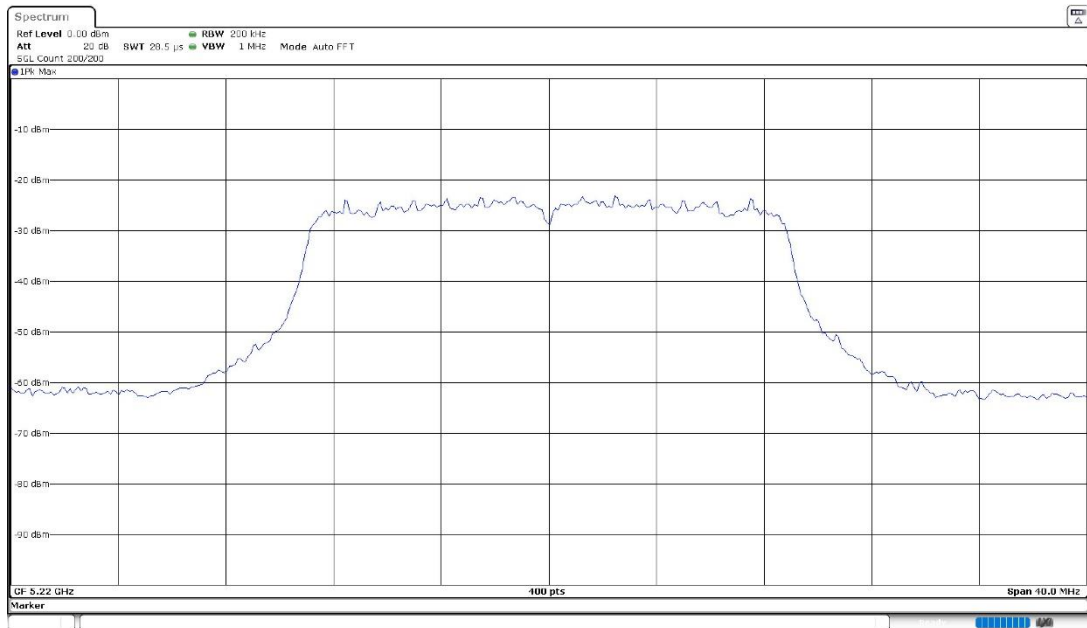
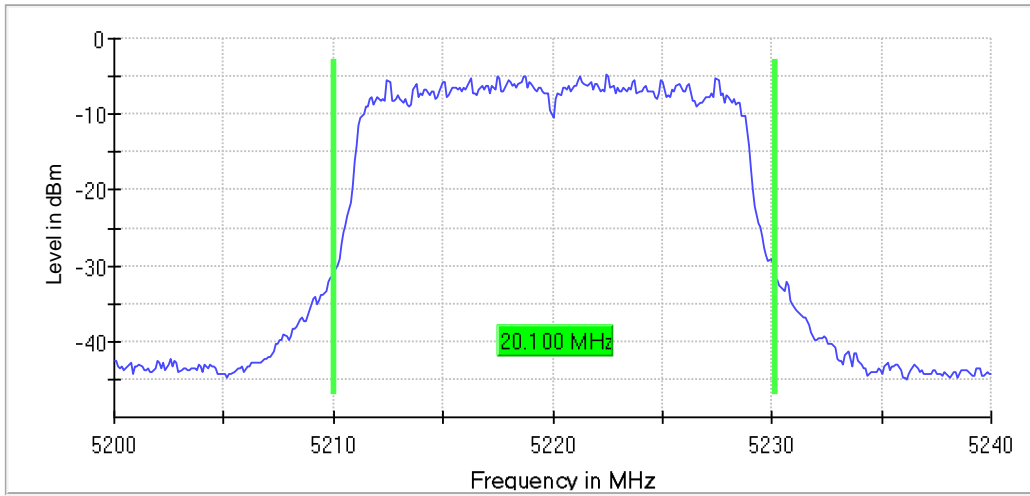
**U-NII-1 (5150-5250 MHz)**

- Low Channel 36 (5180 MHz):



- Channel 44 (5220 MHz):

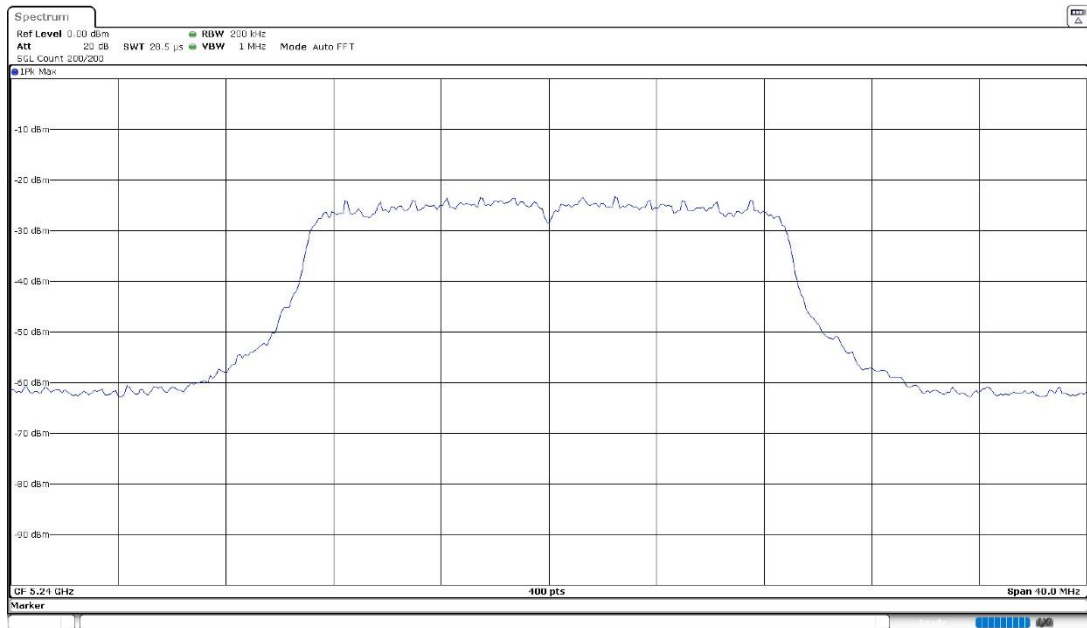
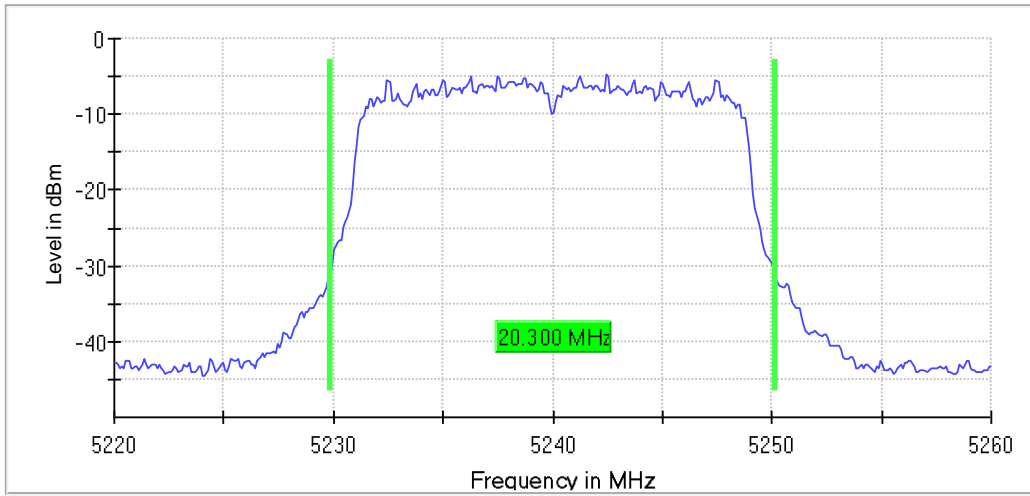
26 dB Bandwidth





- High Channel 48 (5240 MHz):

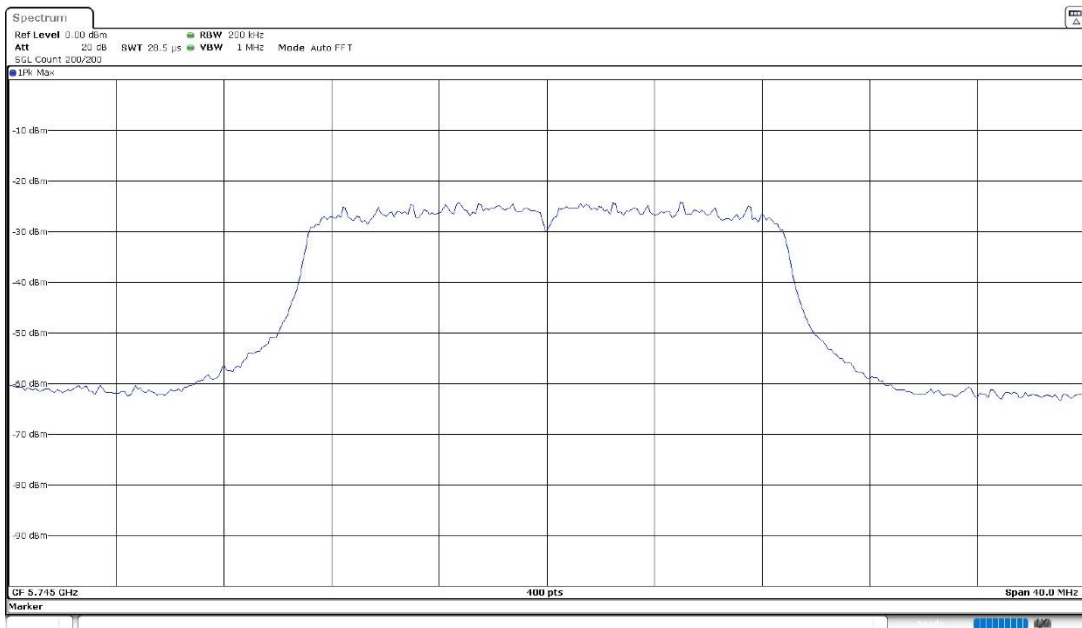
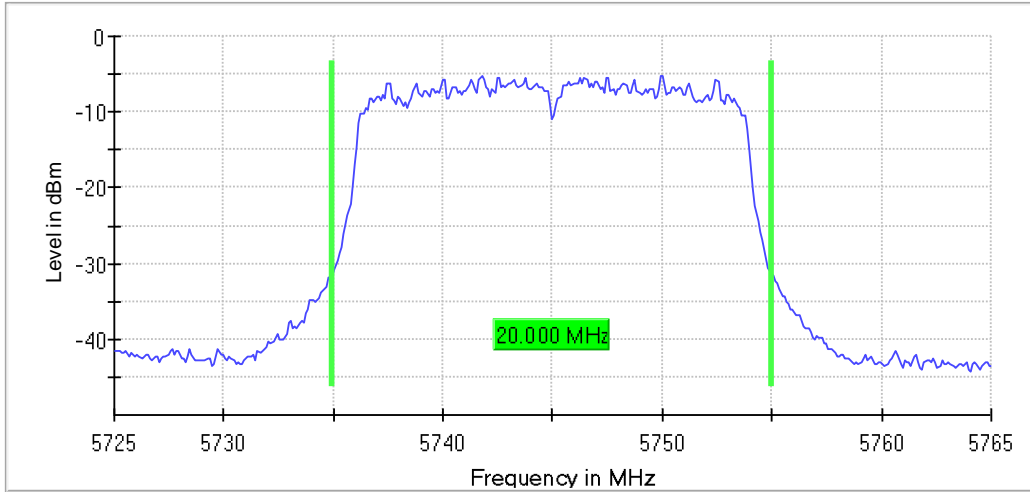
26 dB Bandwidth



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

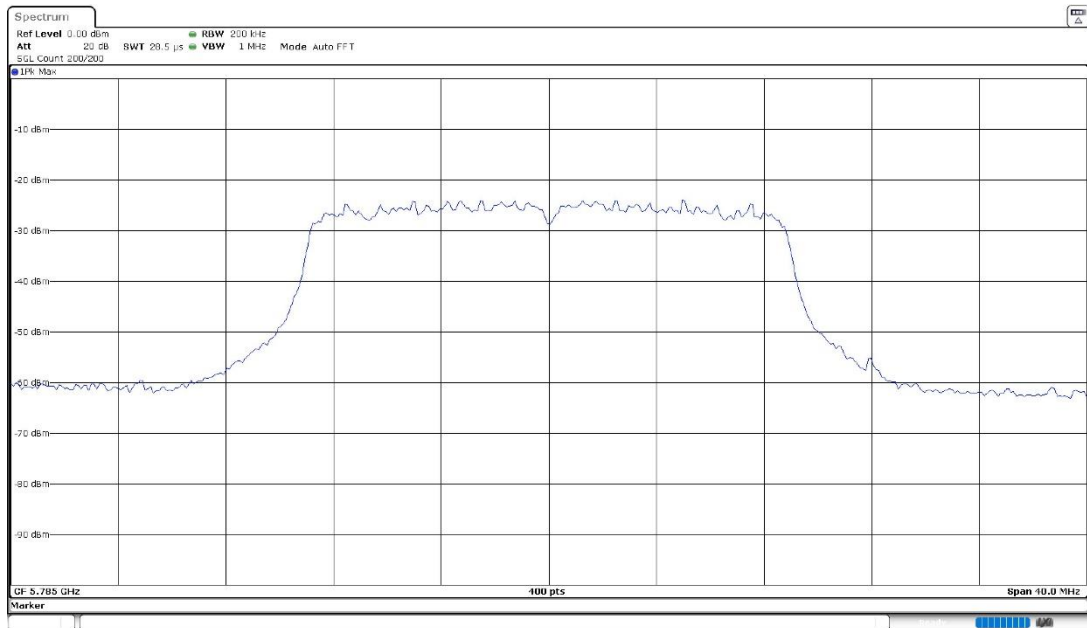
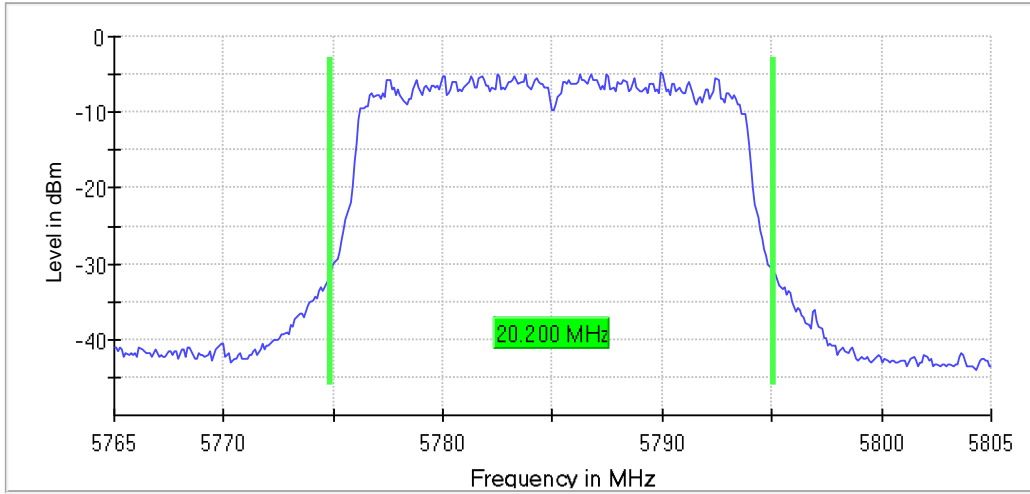
- Low Channel 149 (5745 MHz):

26 dB Bandwidth



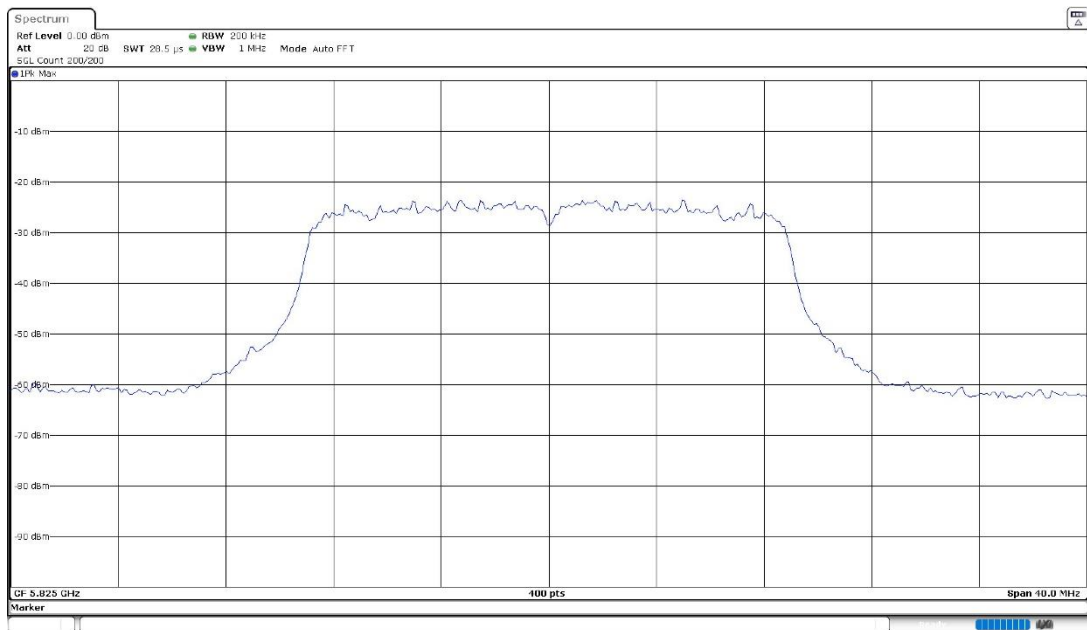
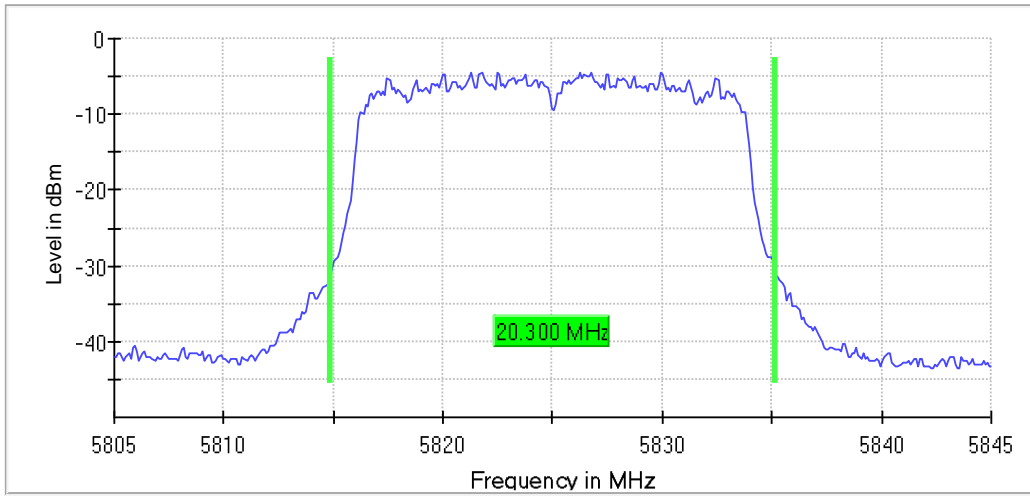
- Middle Channel 157 (5785 MHz):

26 dB Bandwidth



- High Channel 165 (5825 MHz):

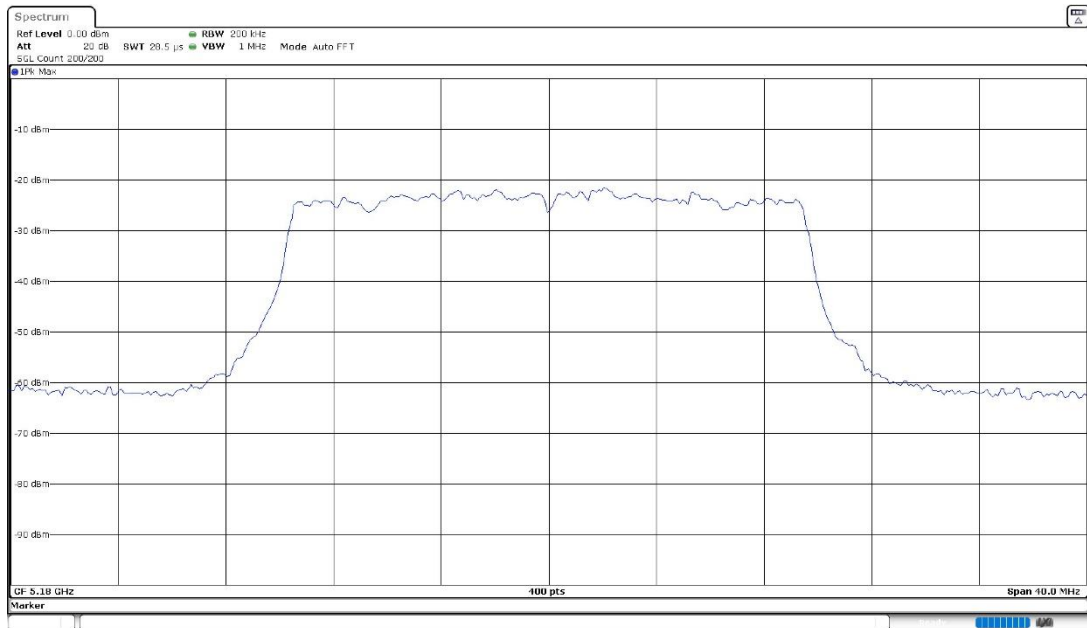
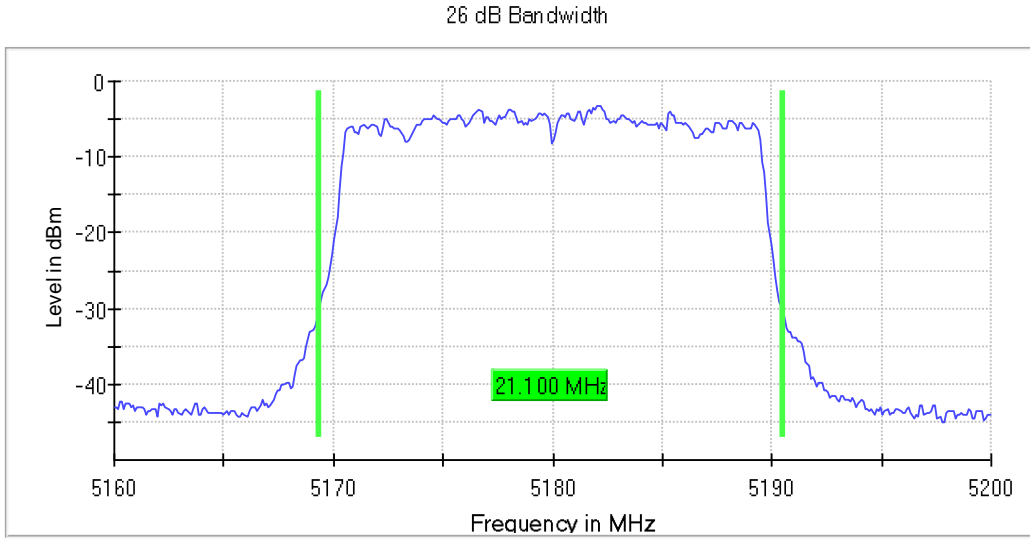
26 dB Bandwidth



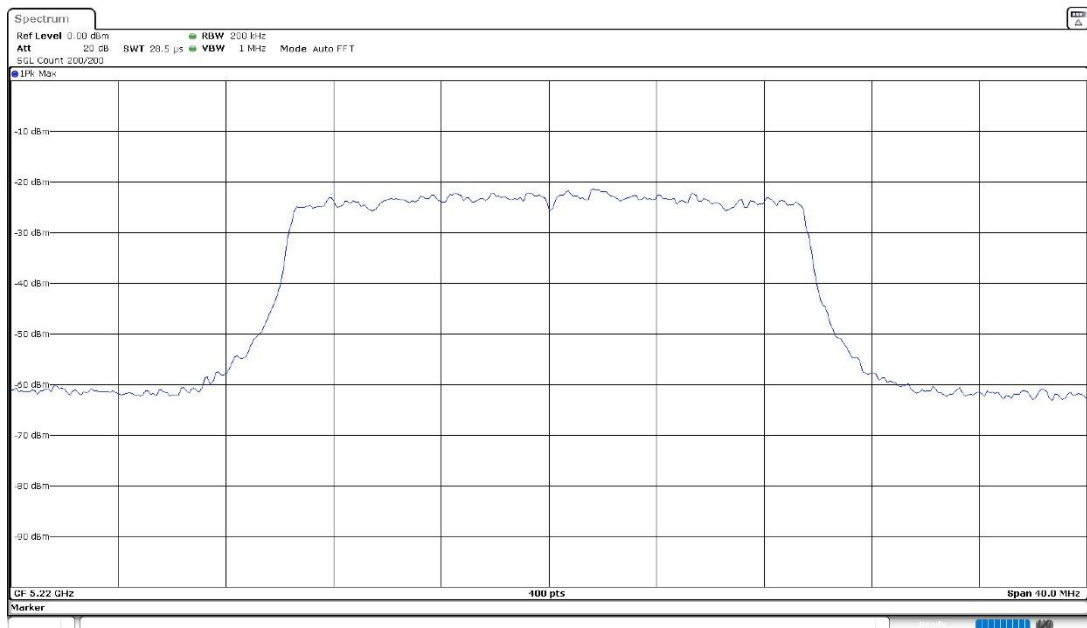
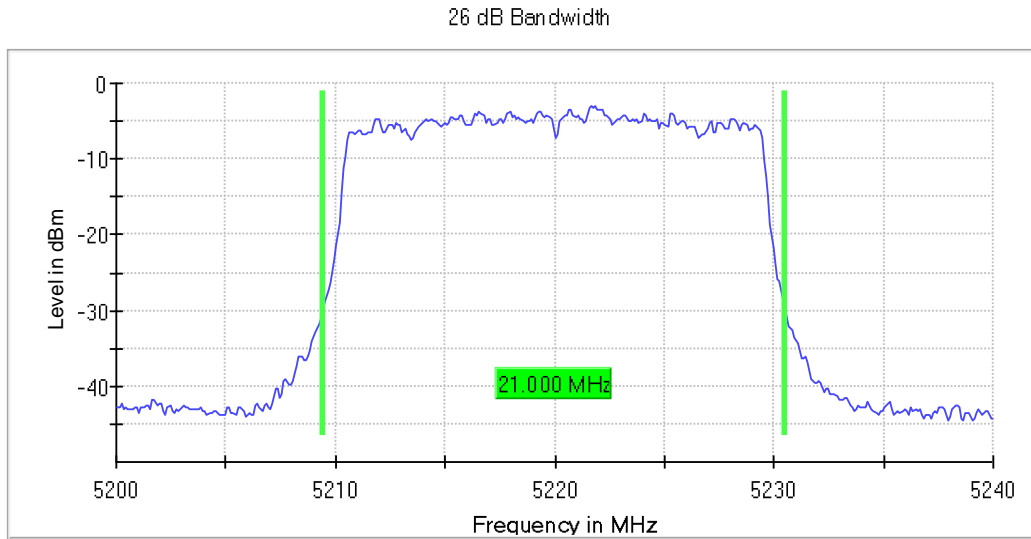
**MIMO 802.11 ax20 (HE20) – SU Full channel allocation:**

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

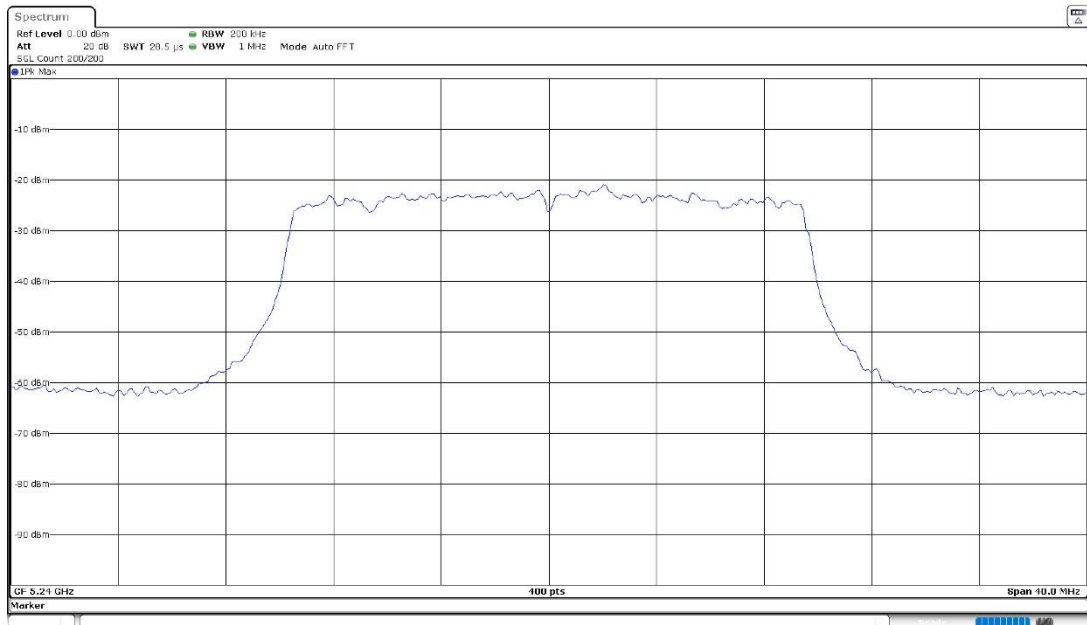
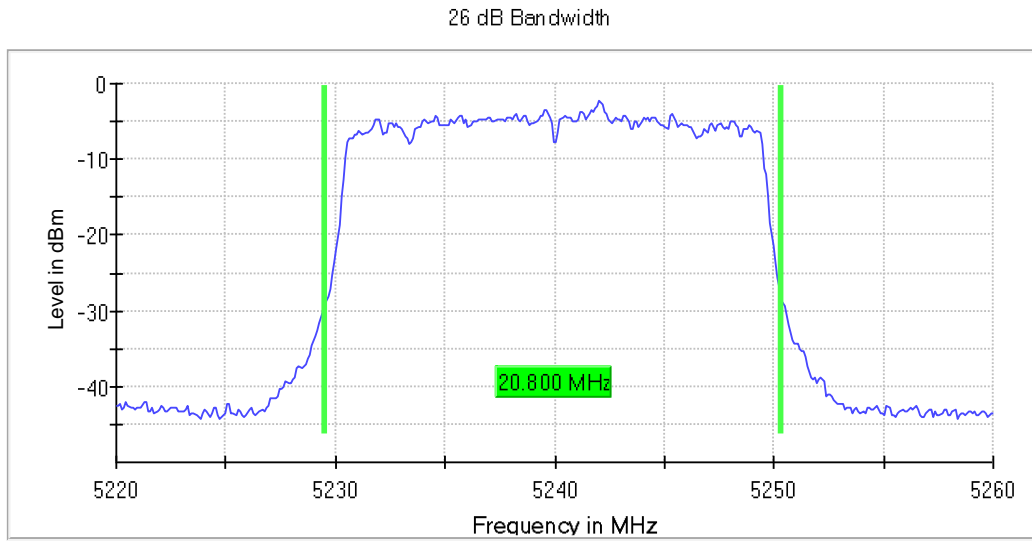
- Low Channel 36 (5180 MHz):



- Channel 44 (5220 MHz):

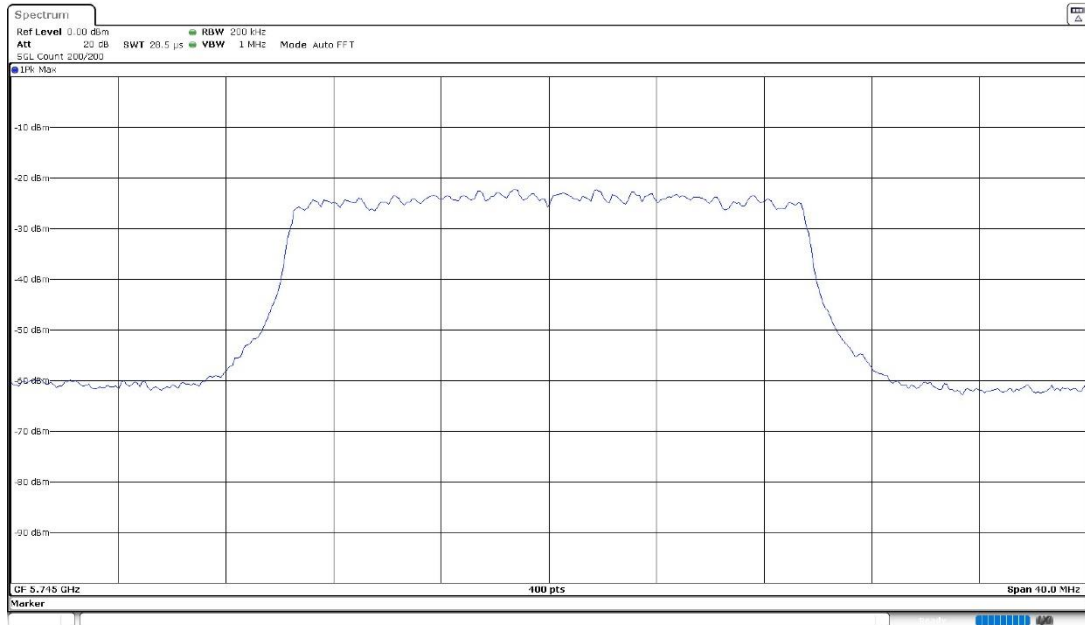
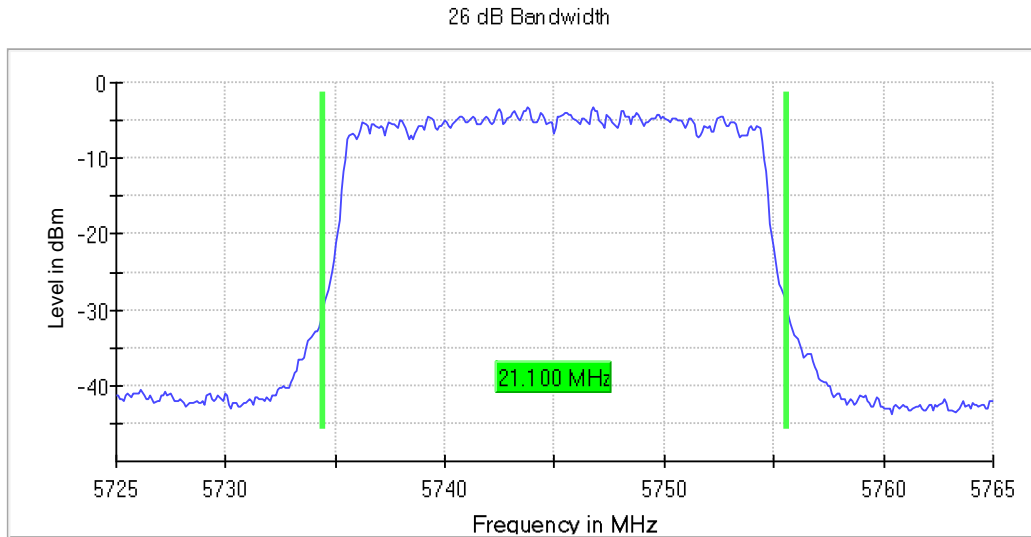


- High Channel 48 (5240 MHz):



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

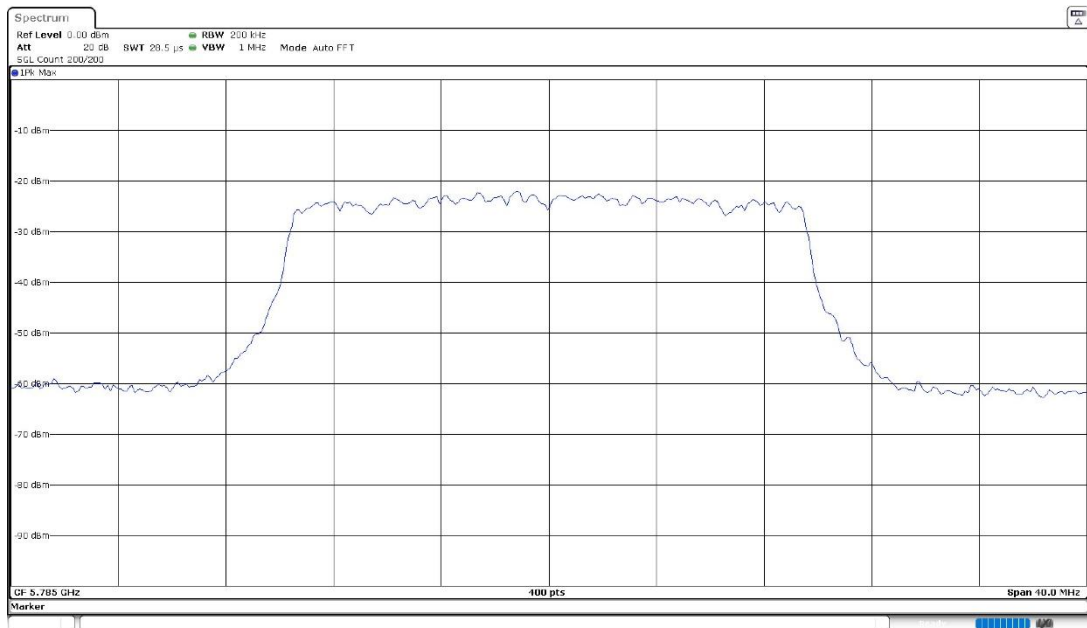
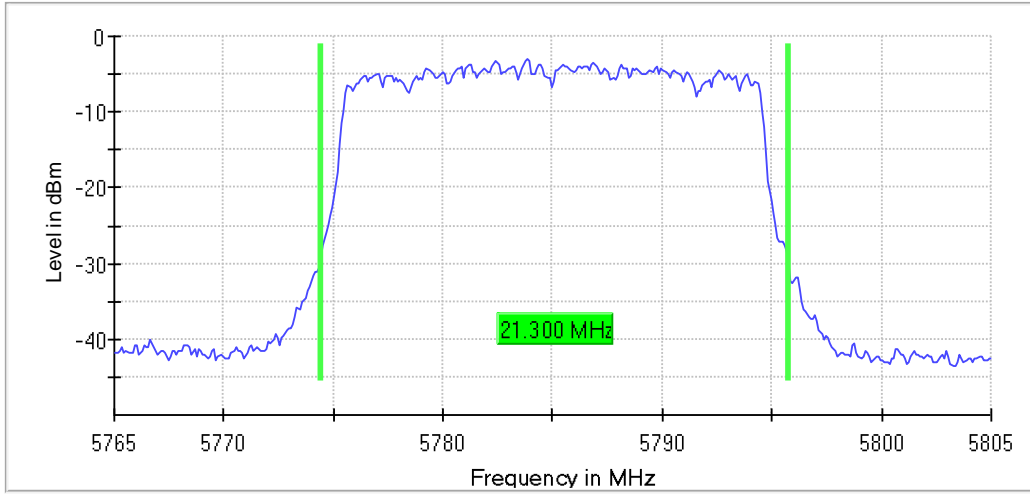
- Low Channel 149 (5745 MHz):



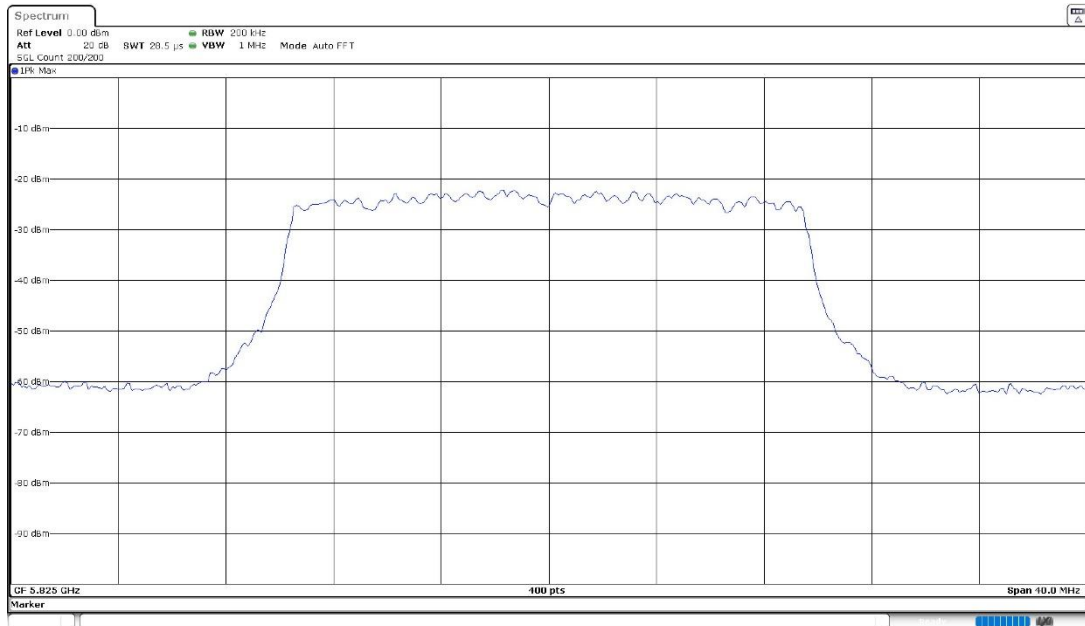
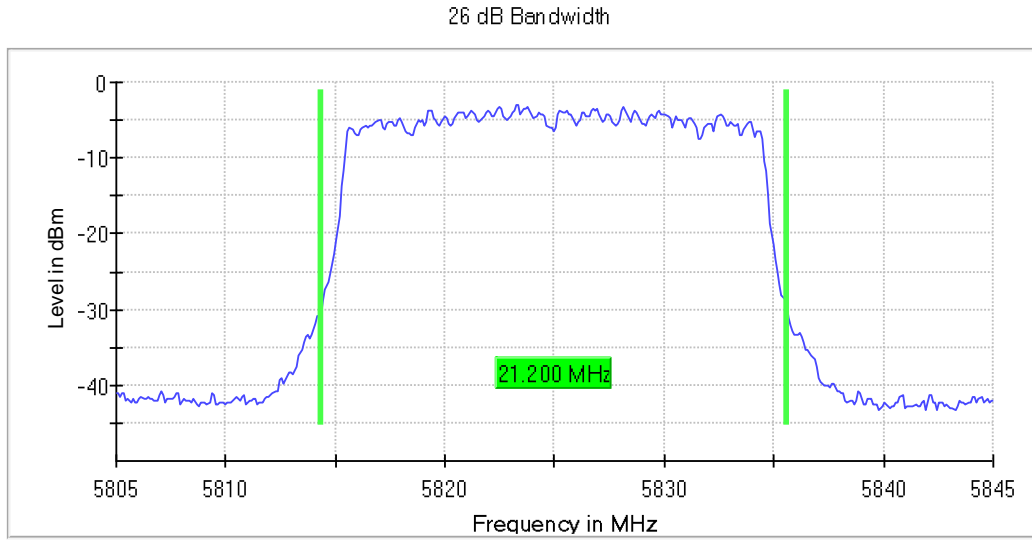


- Middle Channel 157 (5785 MHz):

26 dB Bandwidth



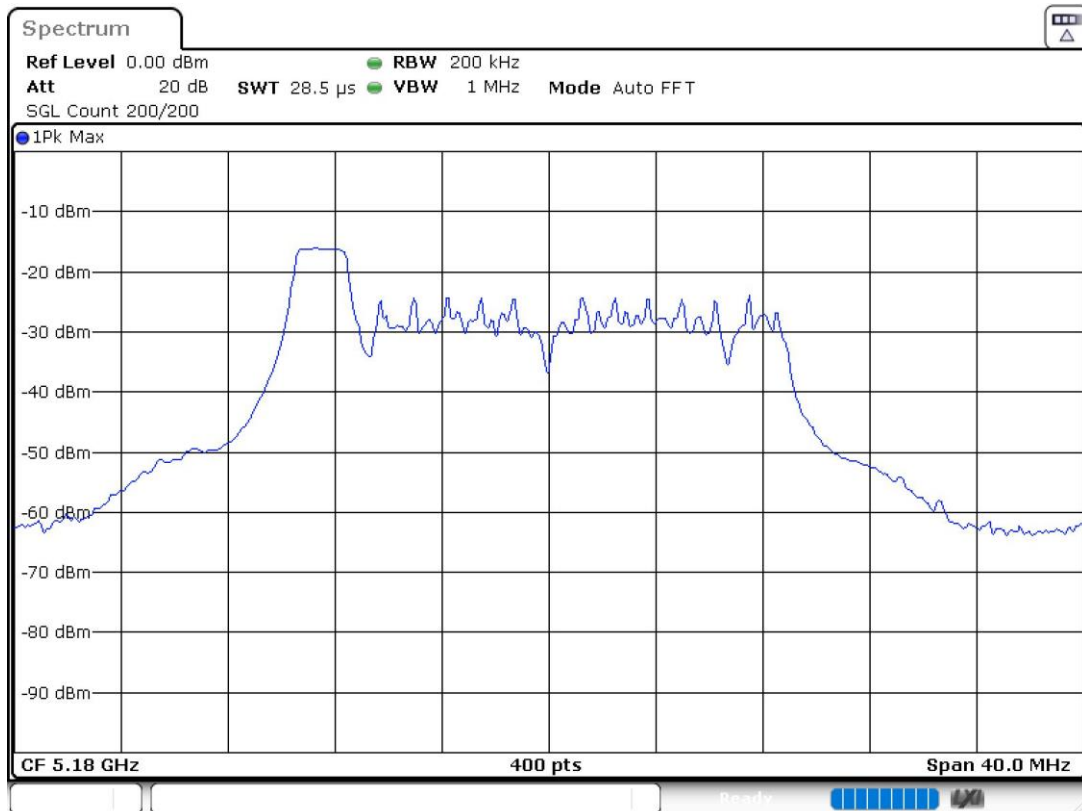
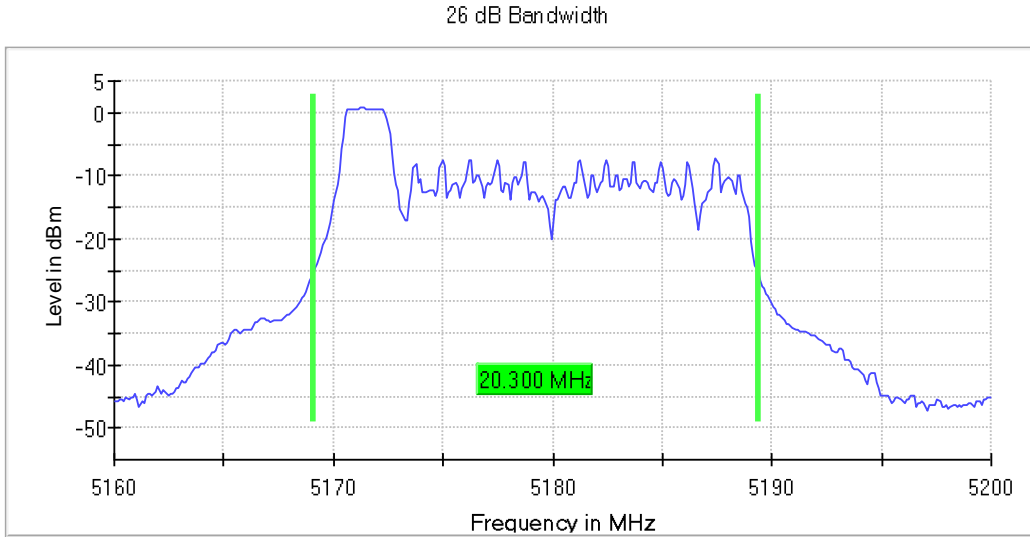
- High Channel 165 (5825 MHz):



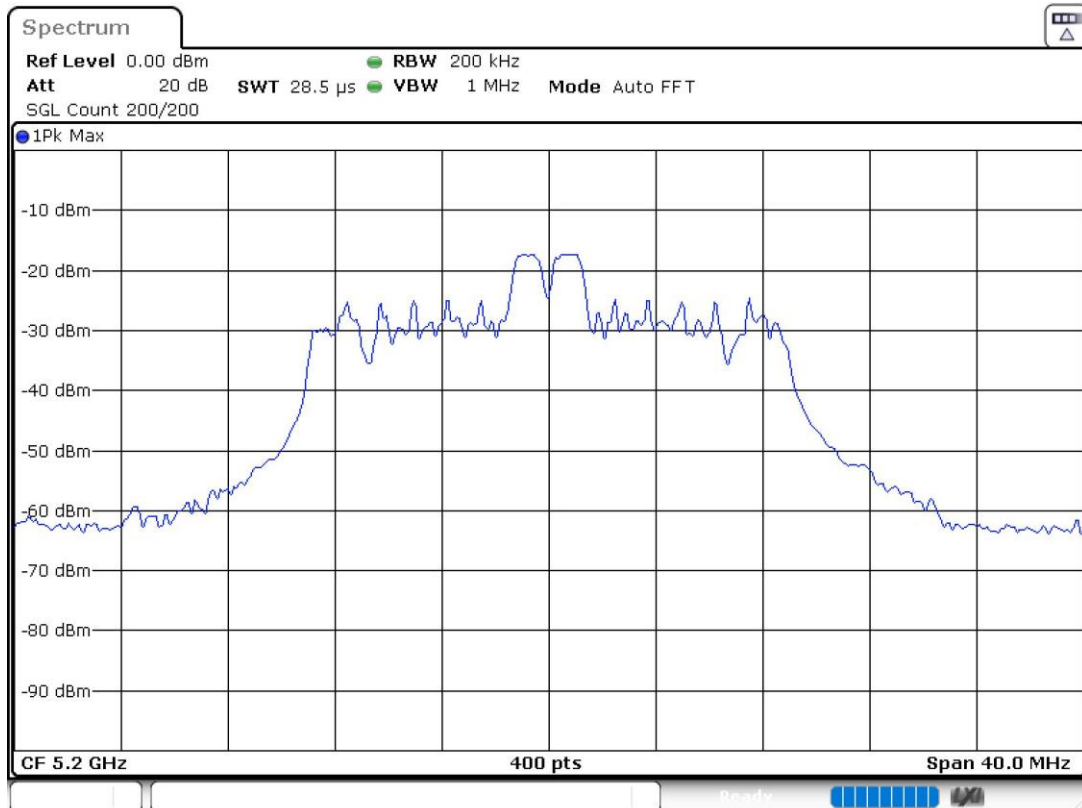
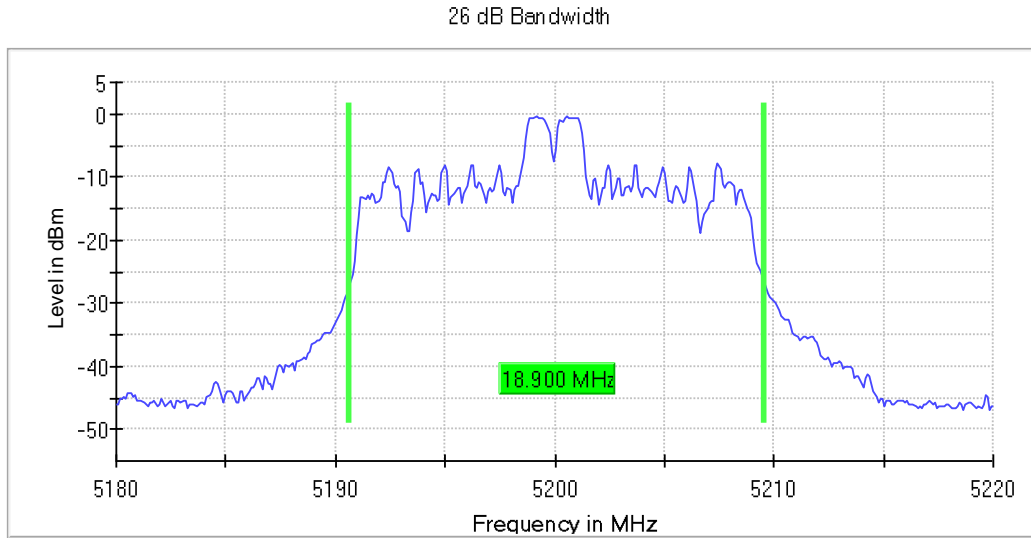
**MIMO 802.11 ax20 (HE20) – RU Subcarrier allocation (RU26):**

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

- Low Channel 36 (5180 MHz) / RU26 Offset 0:

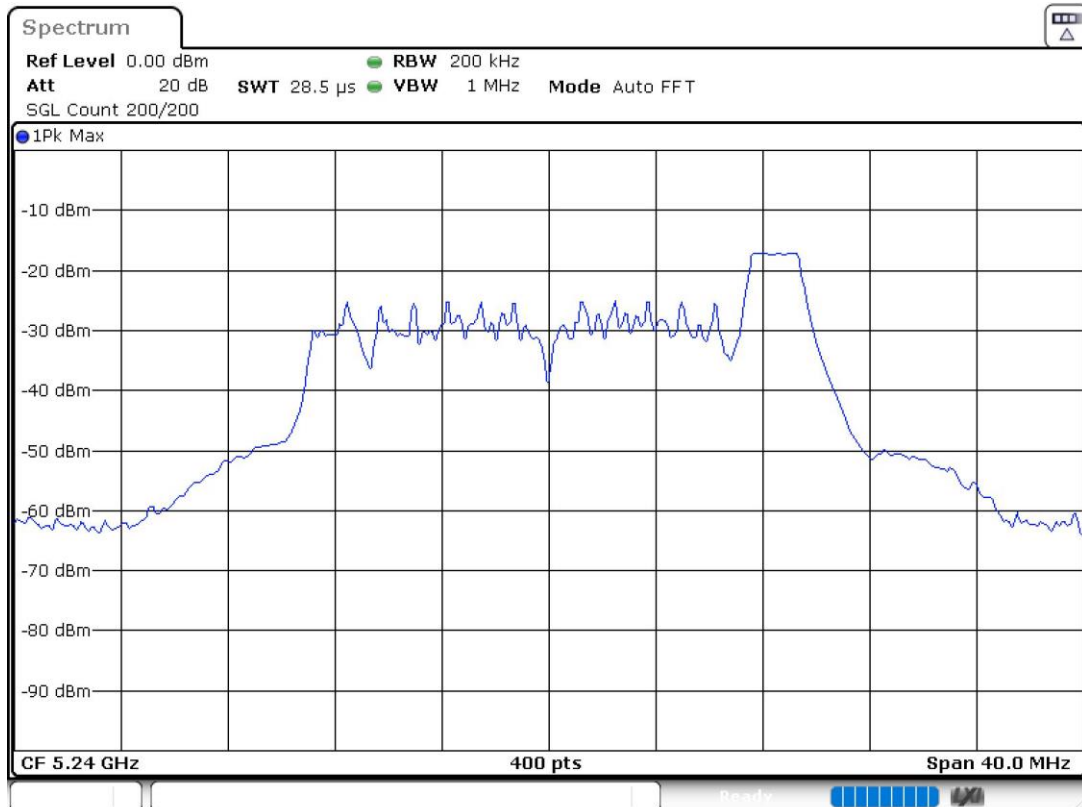
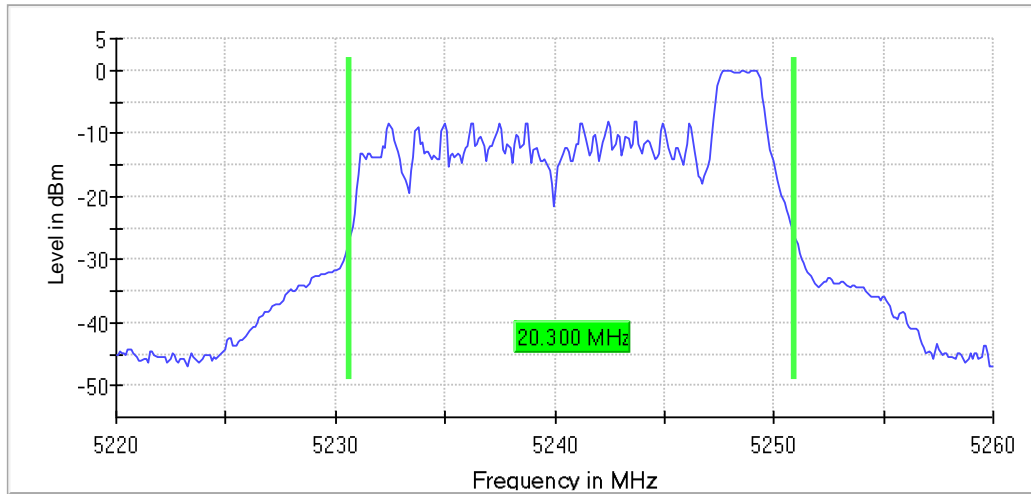


- Channel 40 (5200 MHz) / RU26 Offset 4:



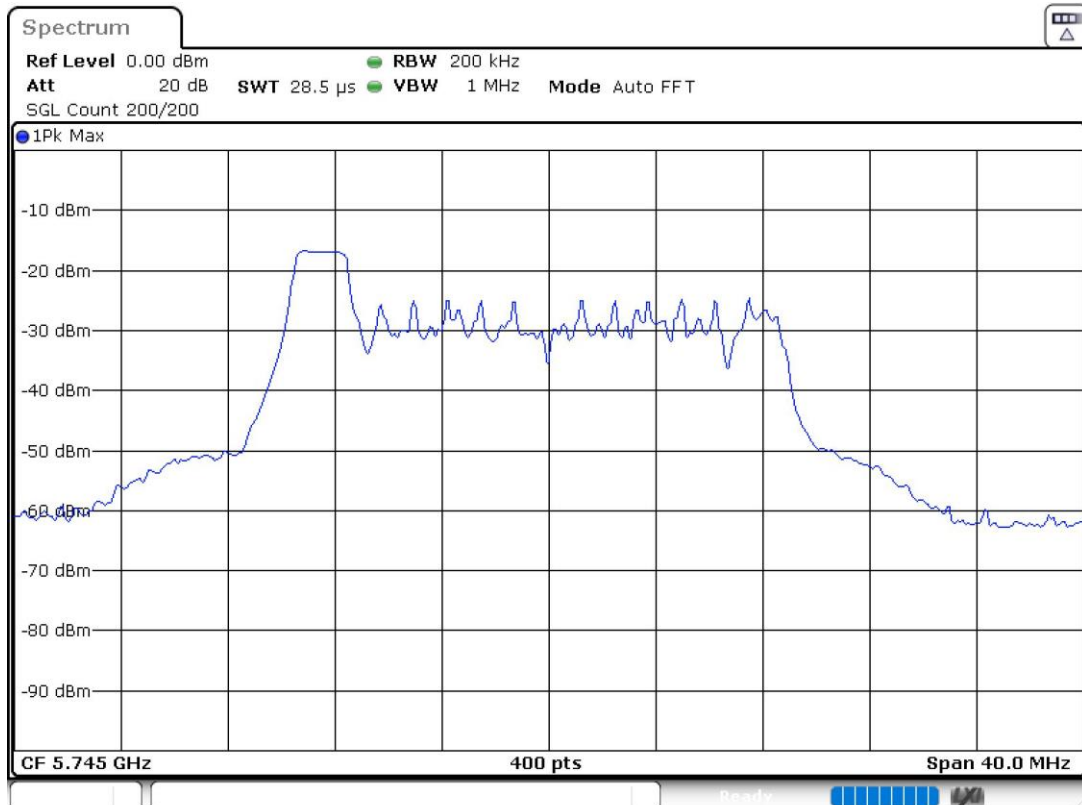
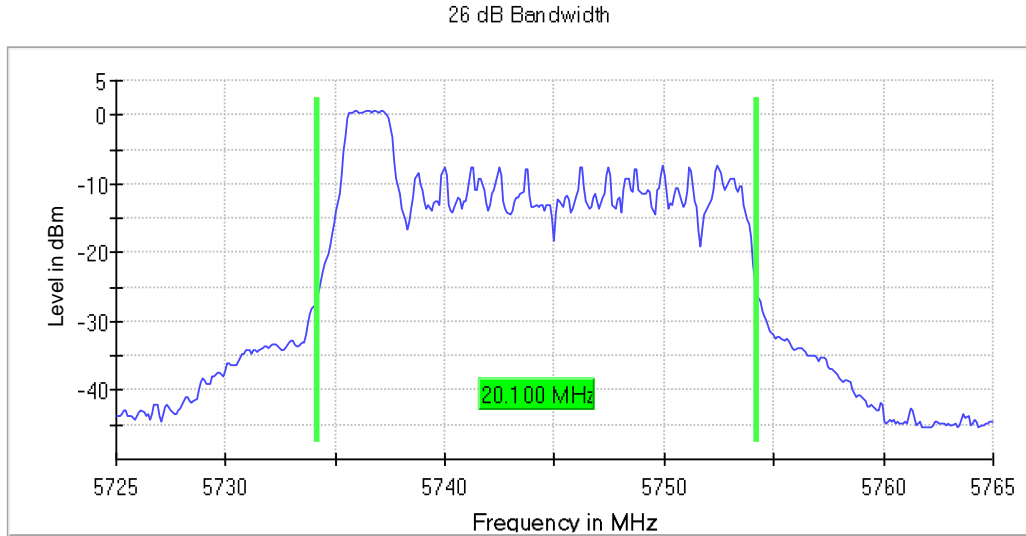
- High Channel 48 (5240 MHz) / RU26 Offset 8:

26 dB Bandwidth



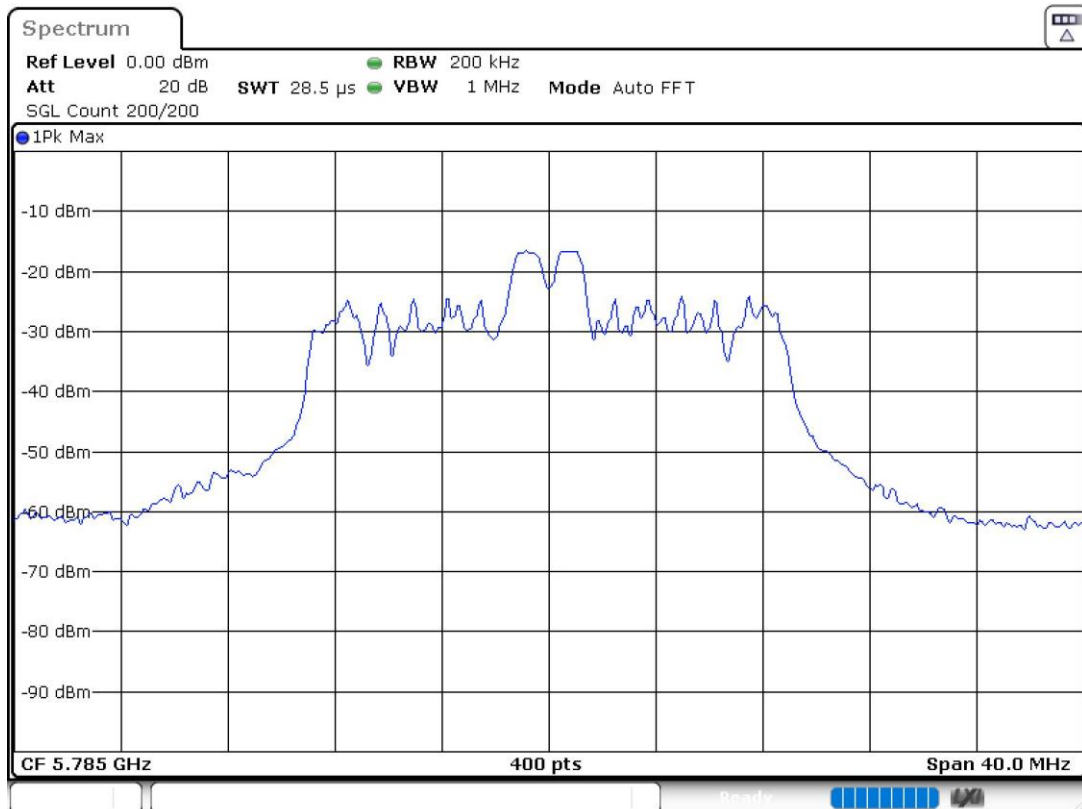
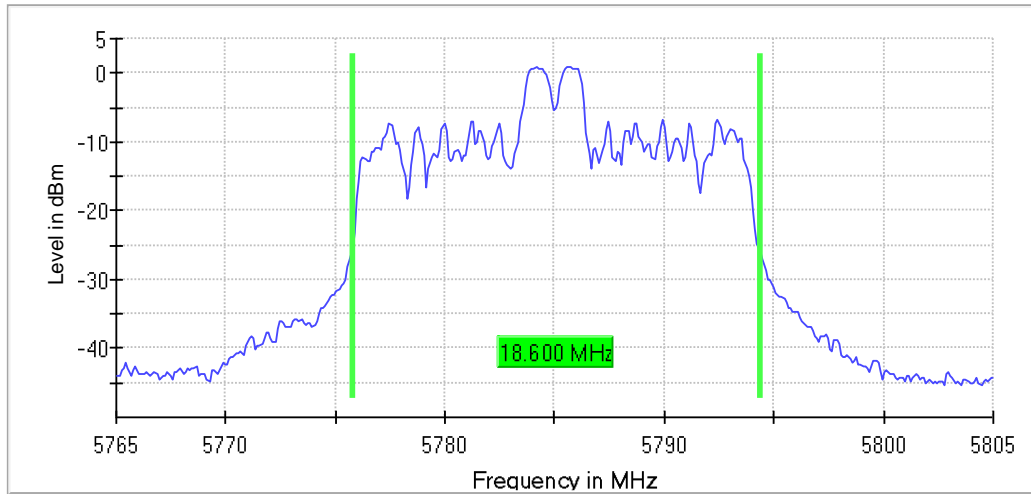
### U-NII-3 (5725-5850 MHz)

- Low Channel 149 (5745 MHz) / RU26 Offset 0:



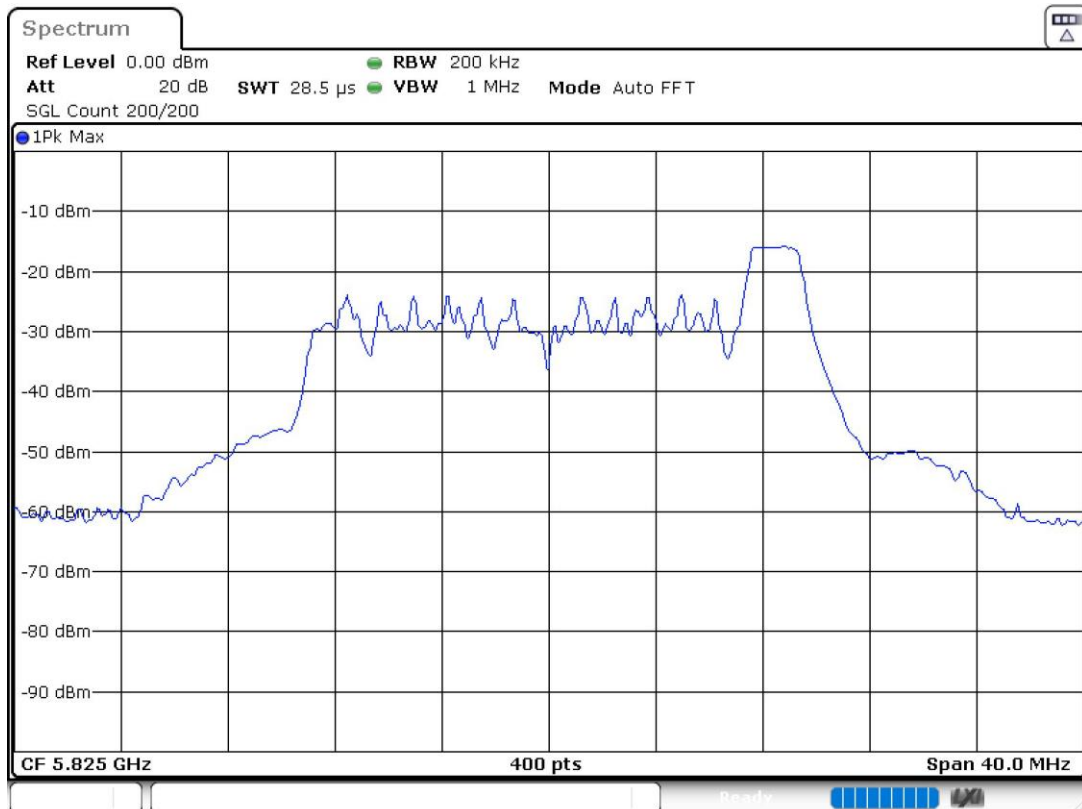
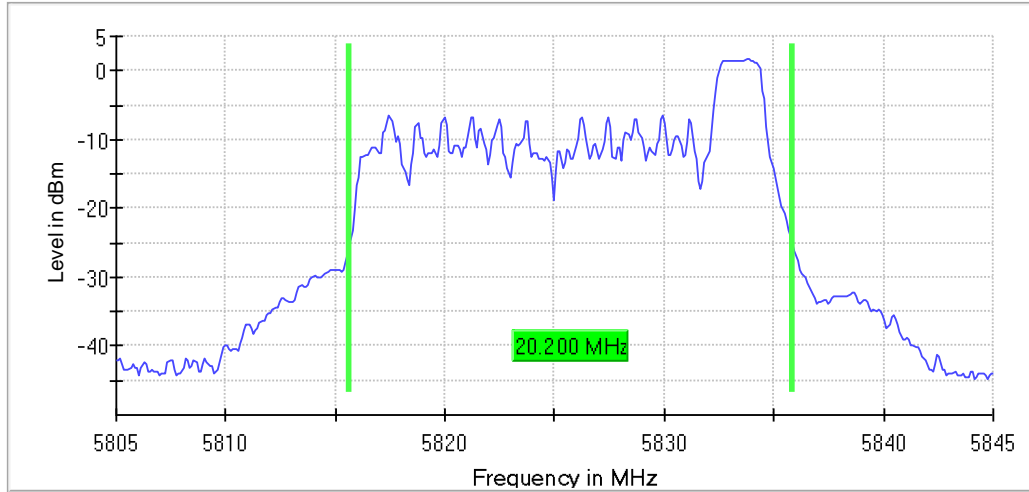
- Middle Channel 157 (5785 MHz) / RU26 Offset 4:

26 dB Bandwidth



- High Channel 165 (5825 MHz) / RU26 Offset 8:

26 dB Bandwidth

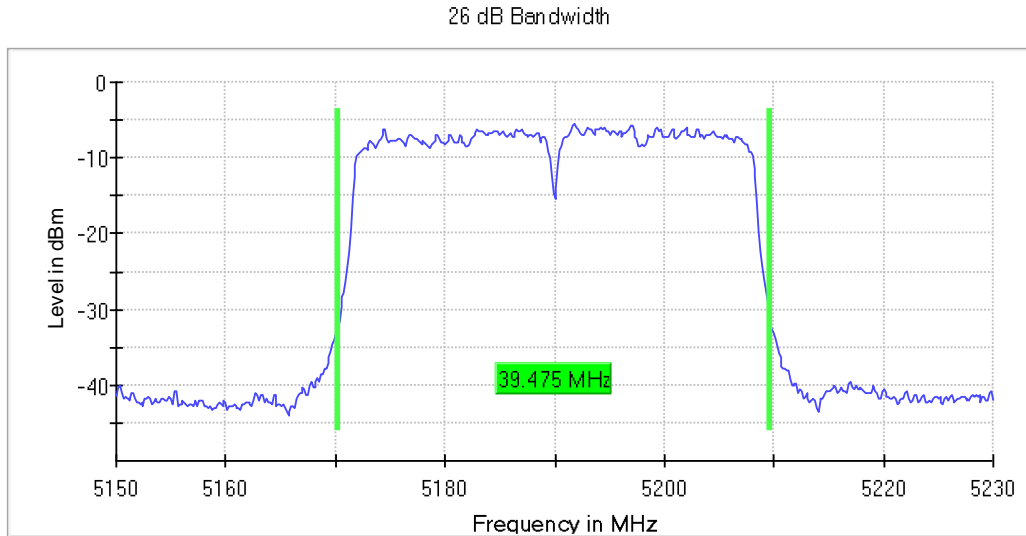




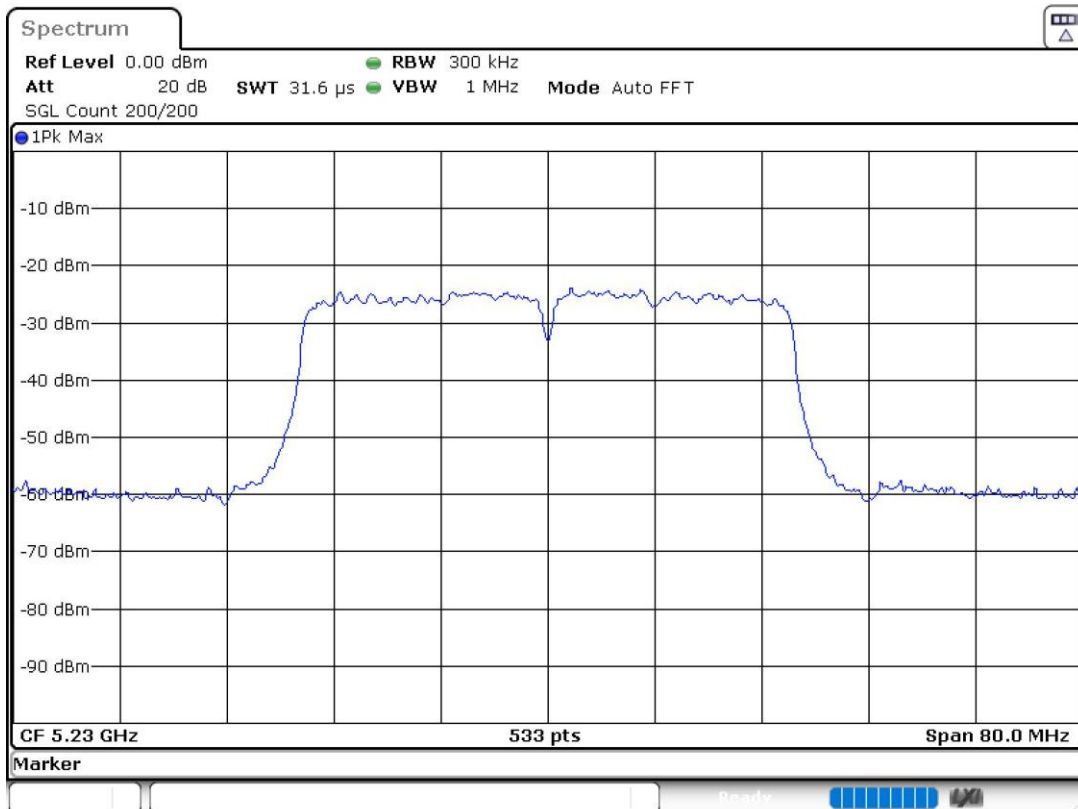
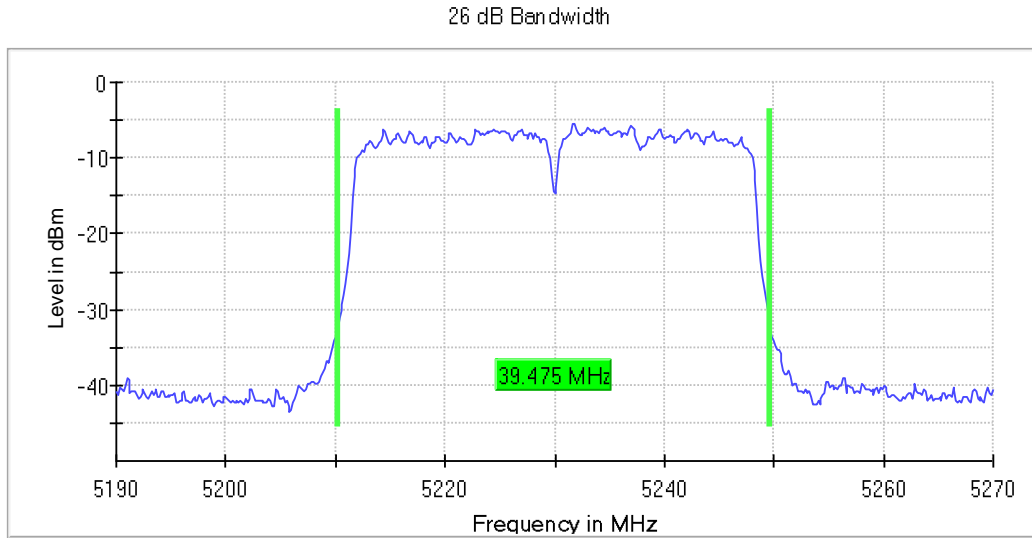
**MIMO 802.11 n40 (HT40):**

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

- Low Channel 38 (5190 MHz):



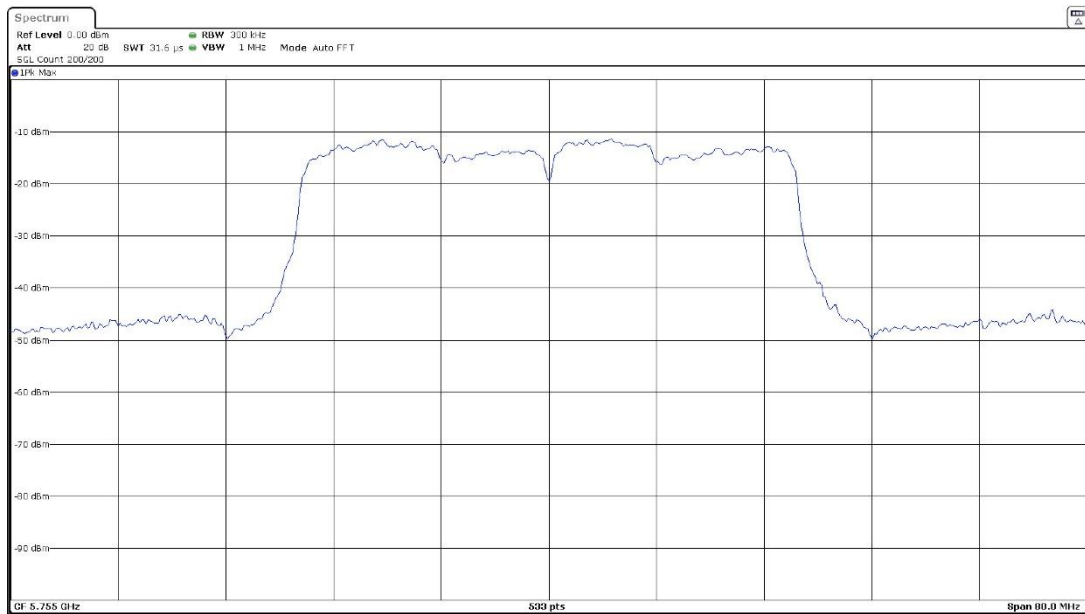
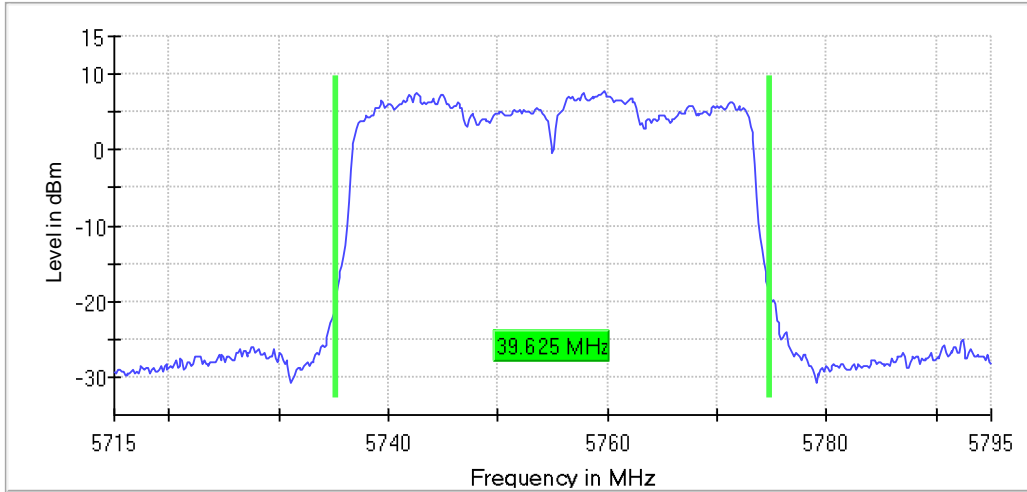
- High Channel 46 (5230 MHz):



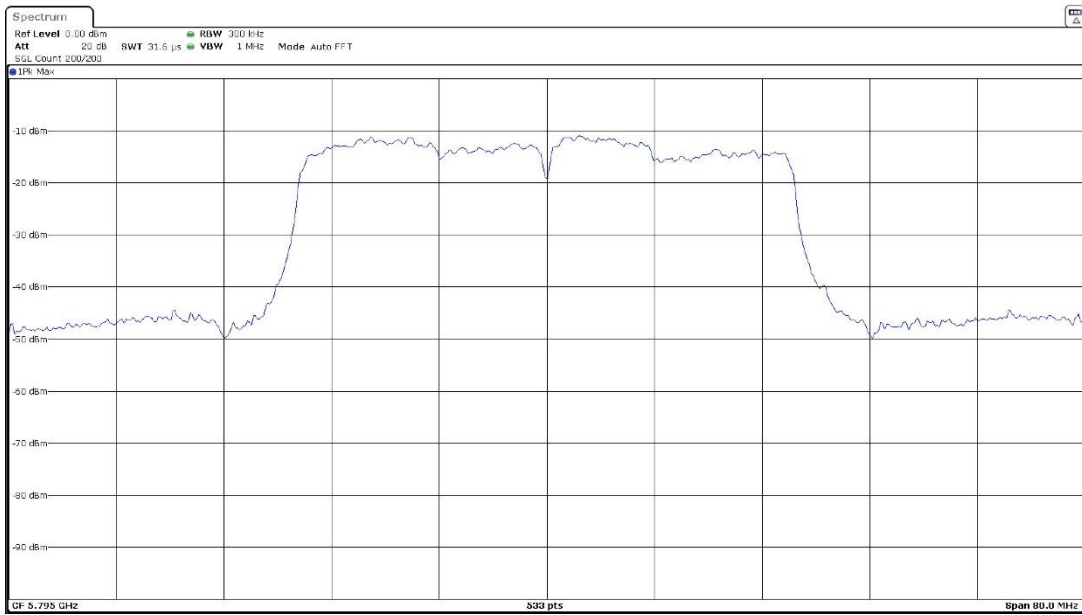
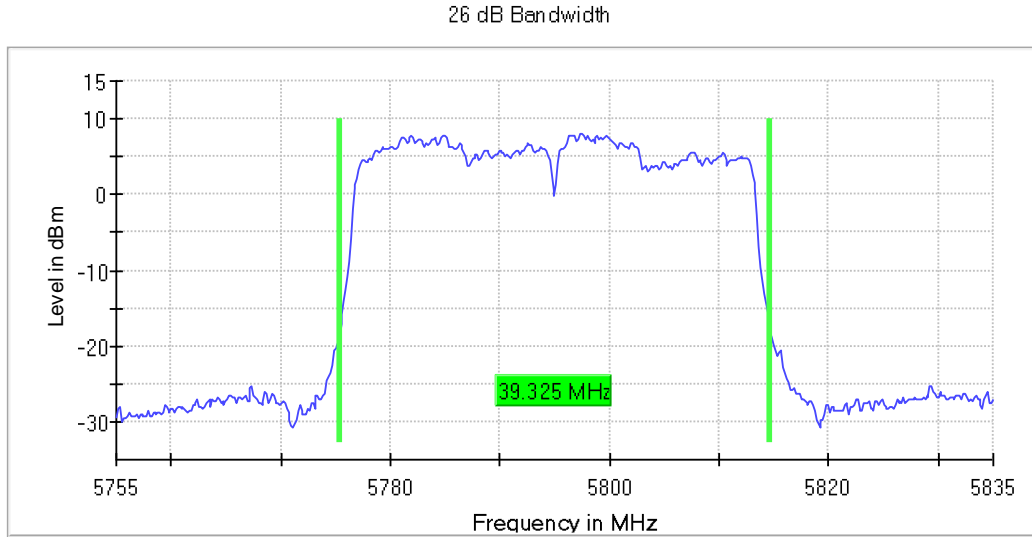
### U-NII-3 (5725-5850 MHz)

- Low Channel 151 (5755 MHz):

26 dB Bandwidth



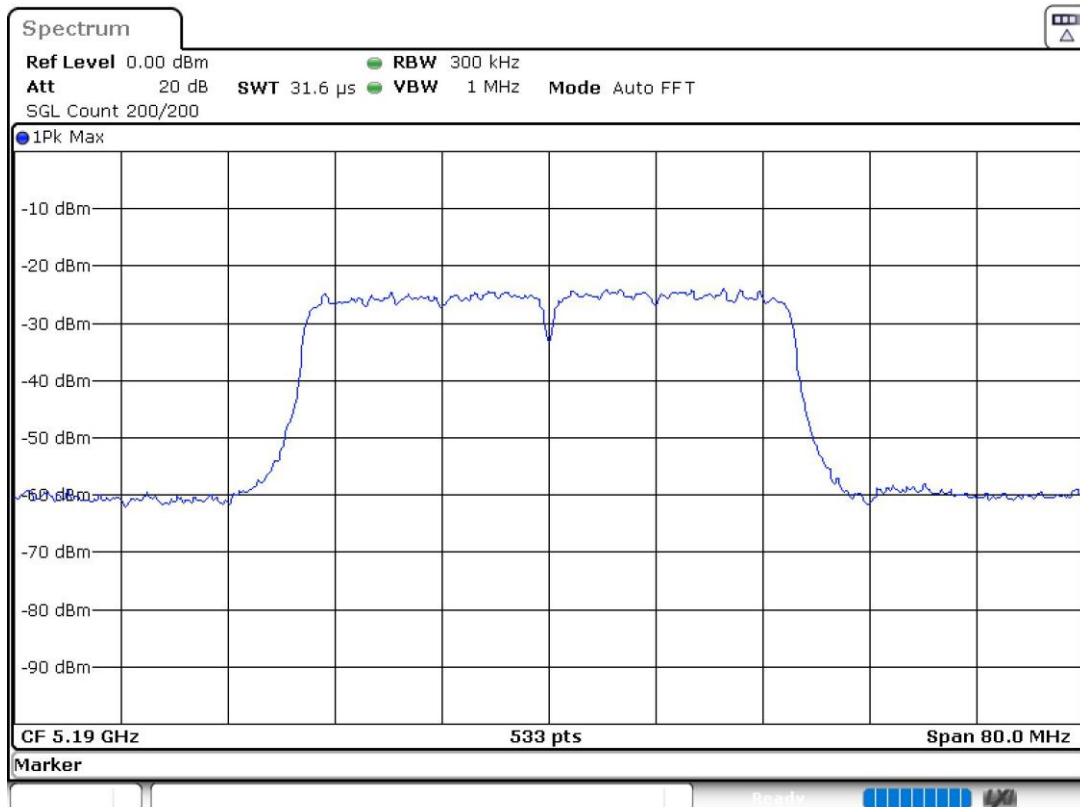
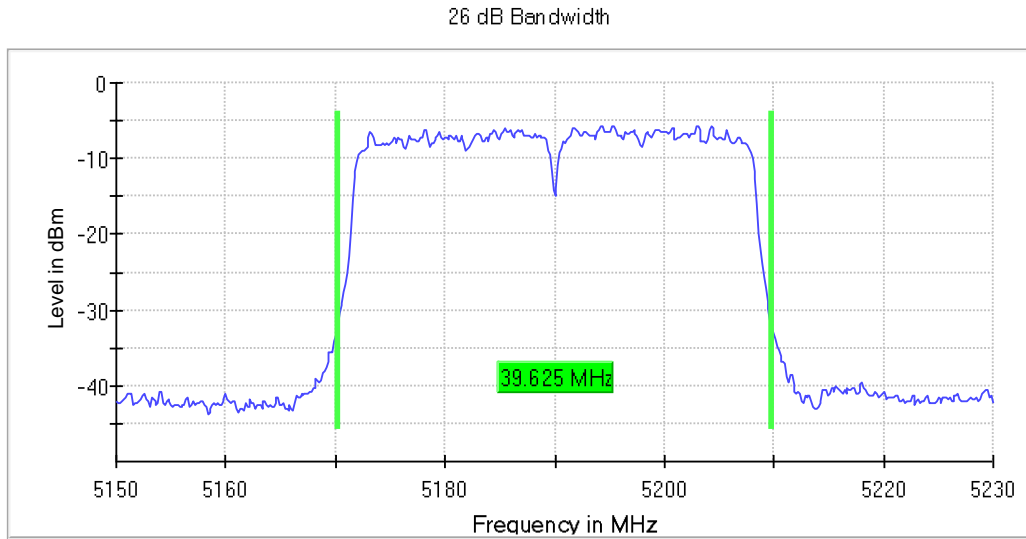
- High Channel 159 (5795 MHz):



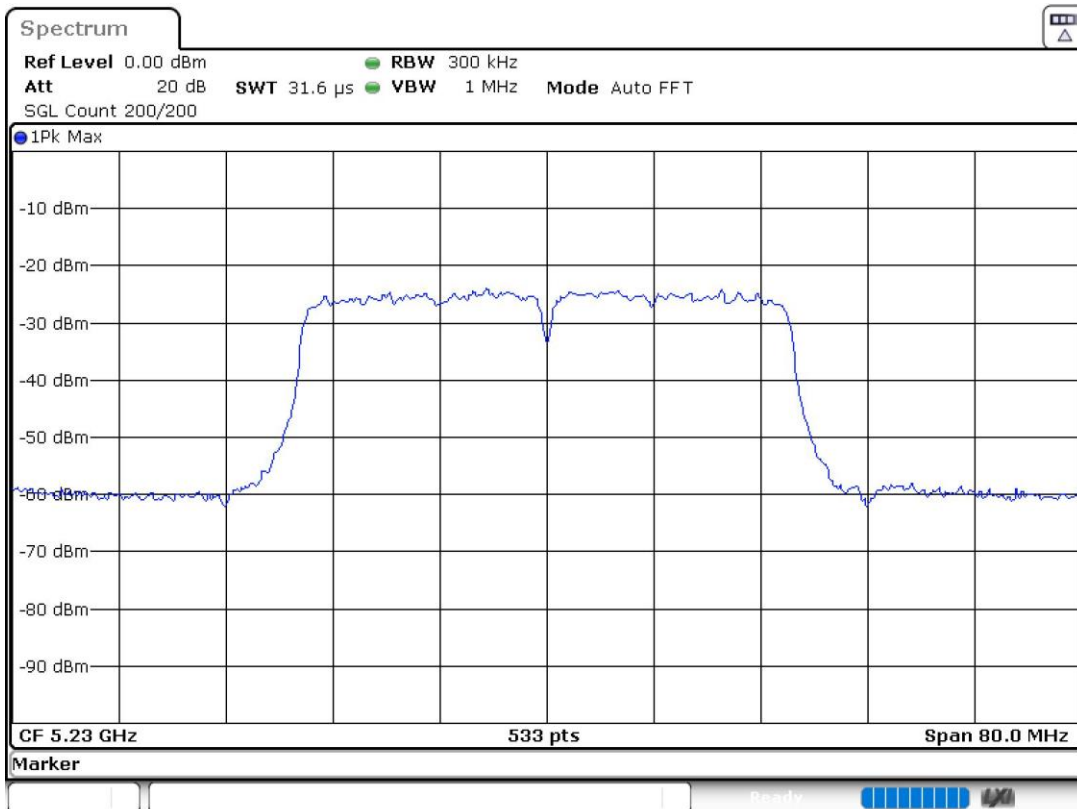
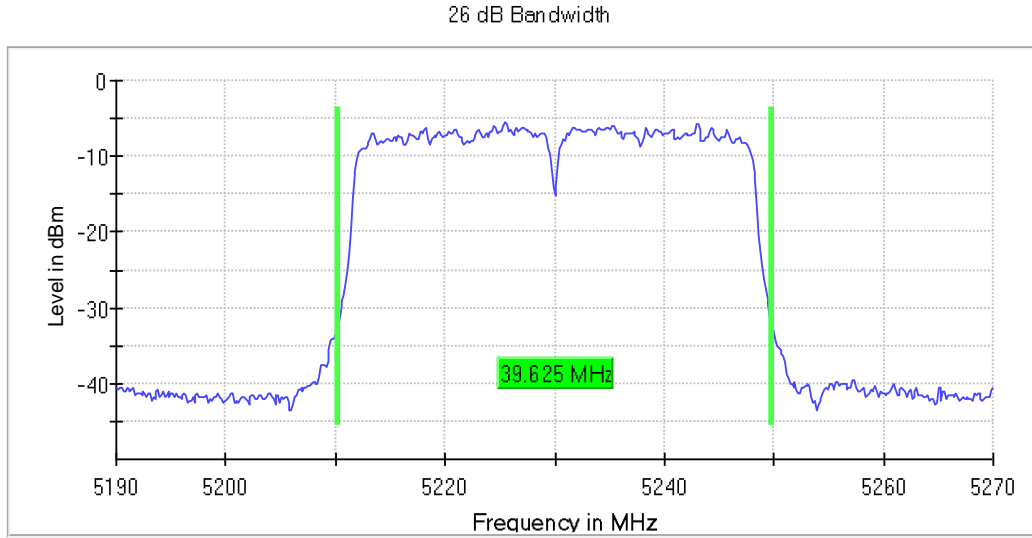
**MIMO 802.11 ac40 (VHT40):**

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

- Low Channel 38 (5190 MHz):



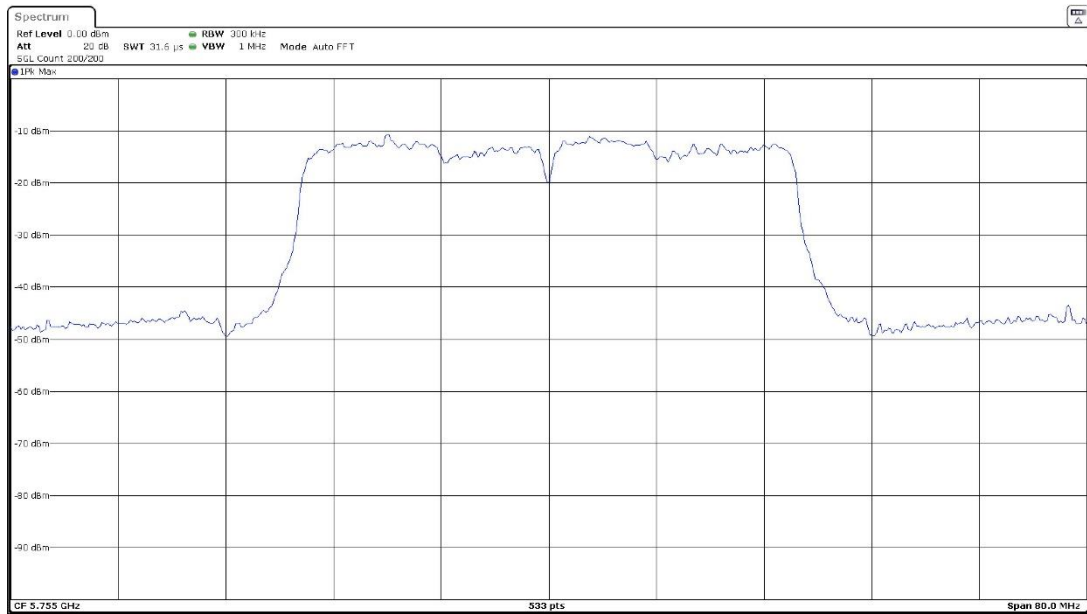
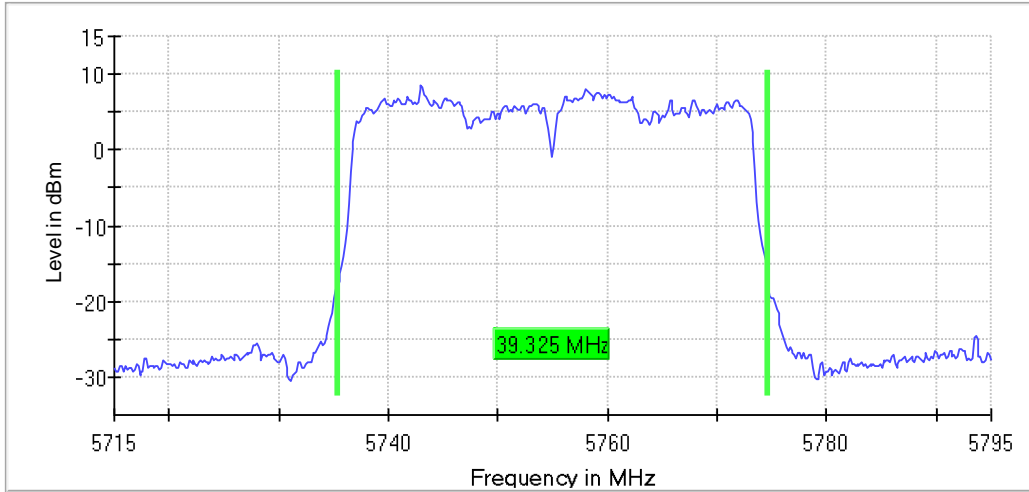
- High Channel 46 (5230 MHz):



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

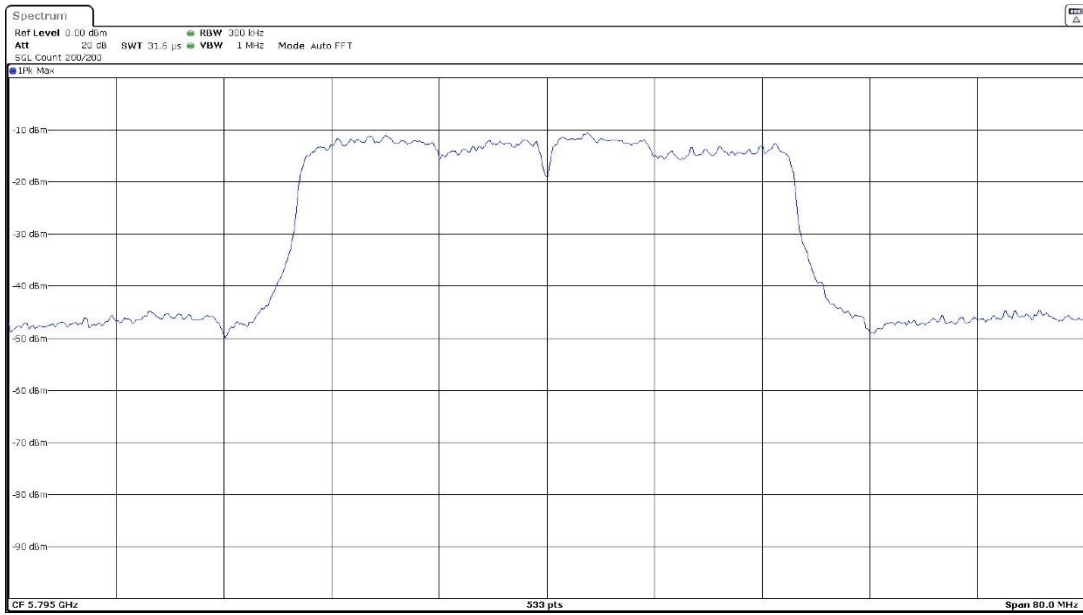
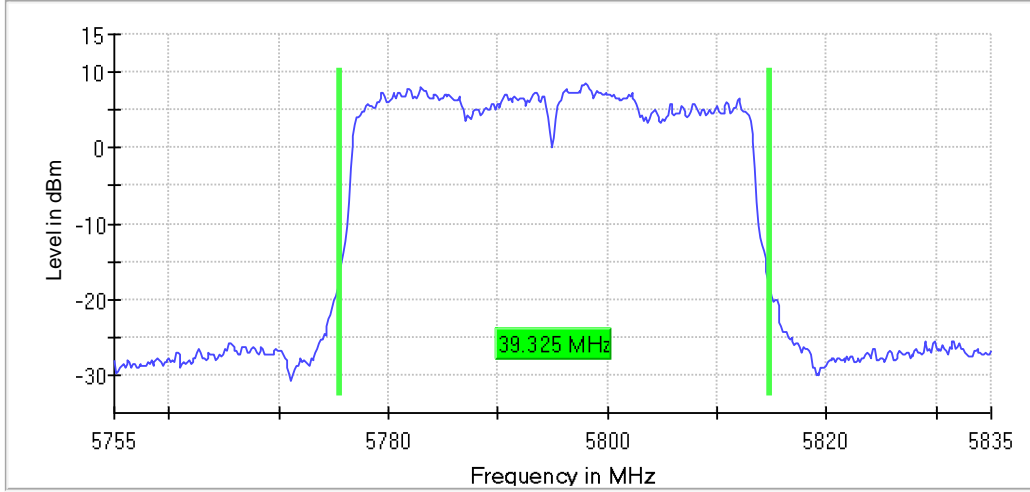
- Low Channel 151 (5755 MHz):

26 dB Bandwidth



- High Channel 159 (5795 MHz):

26 dB Bandwidth

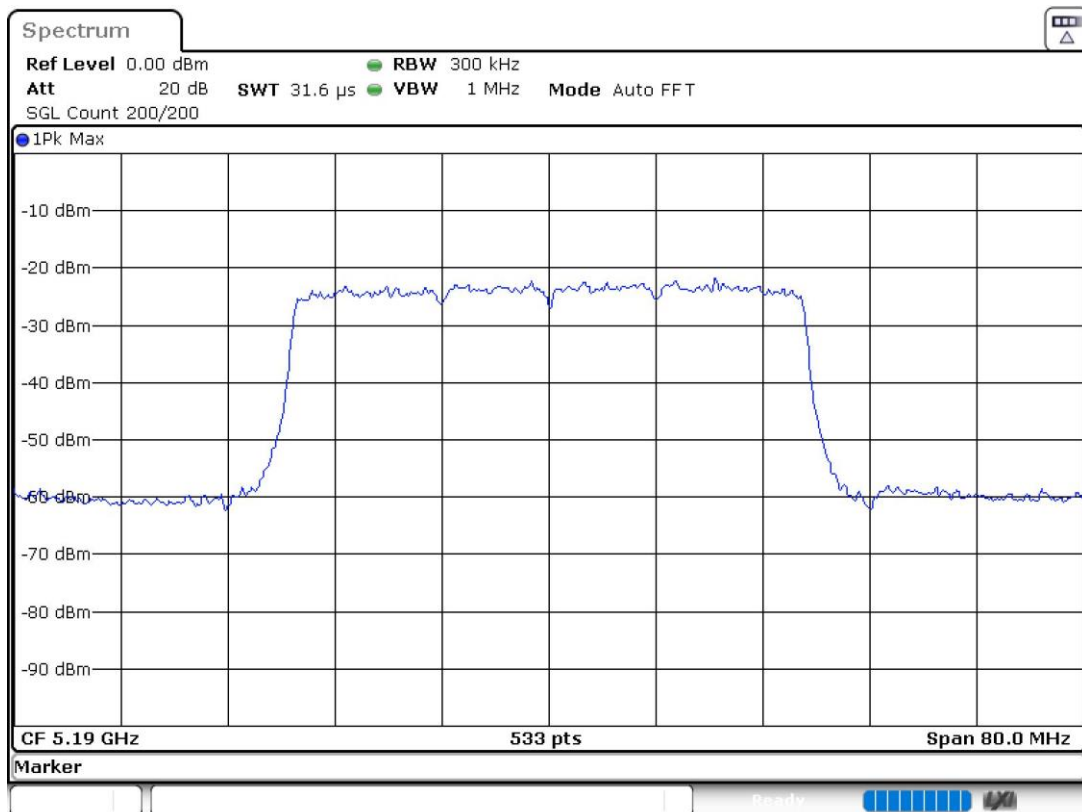
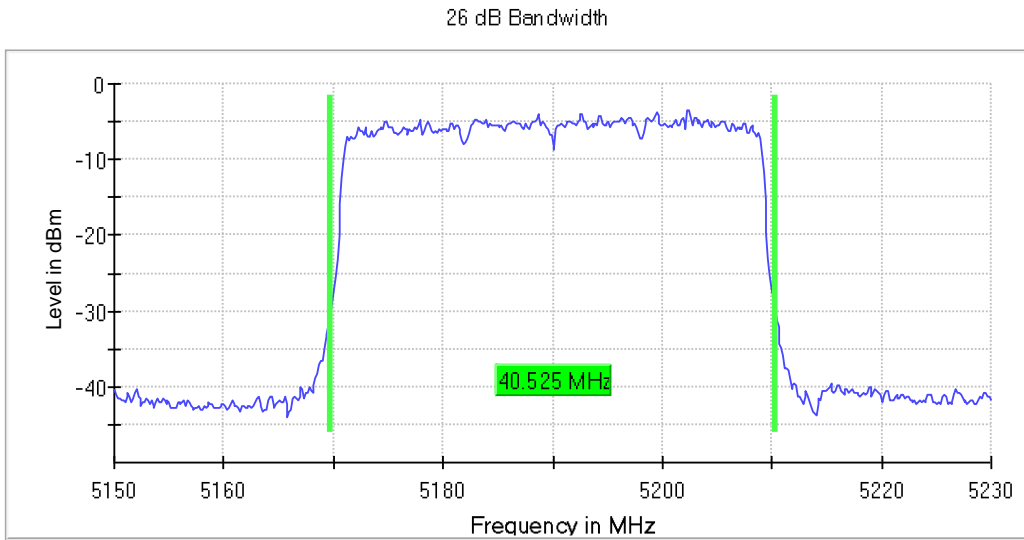




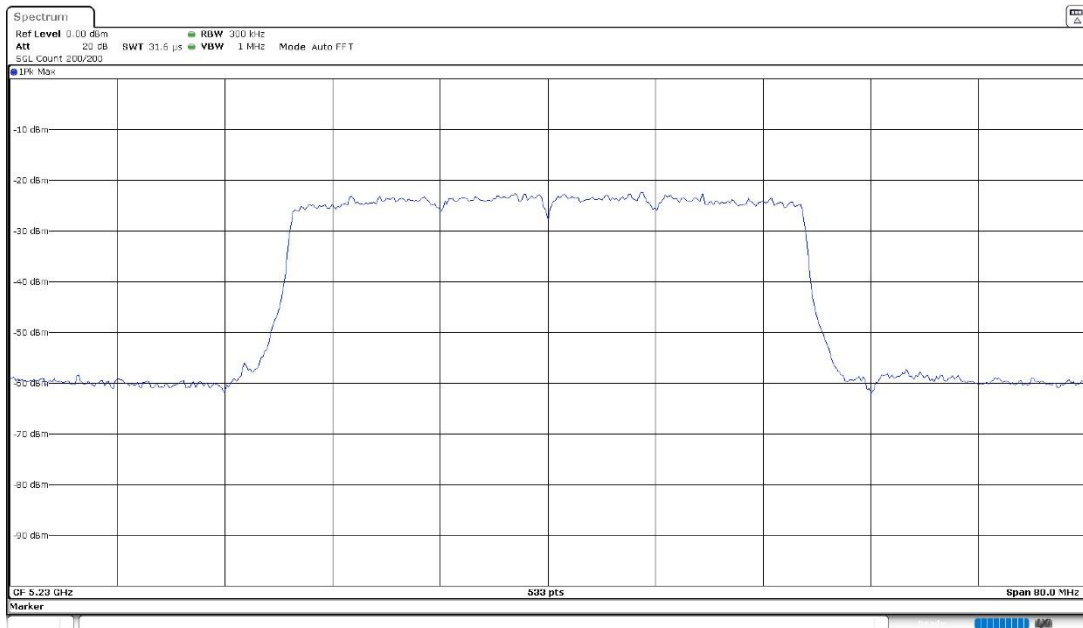
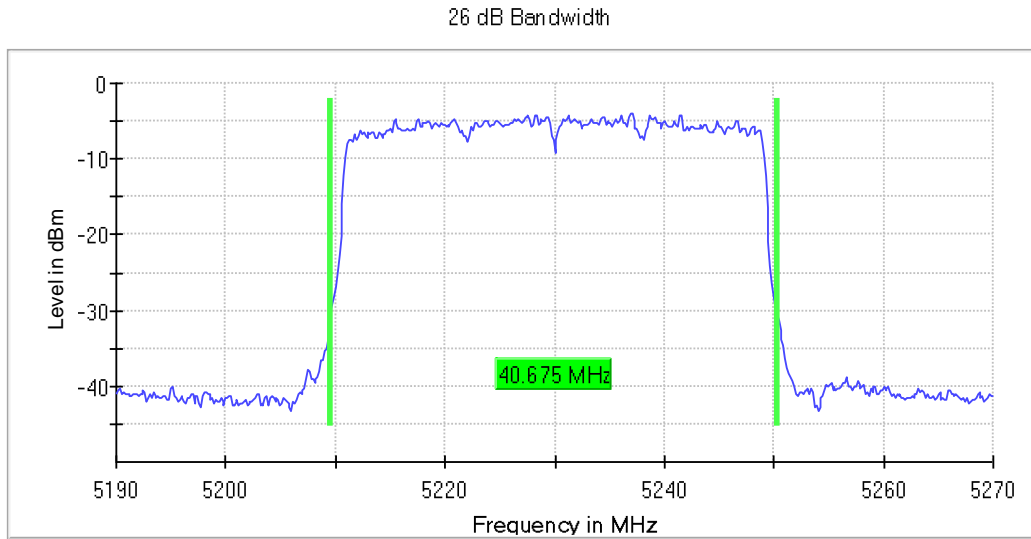
**MIMO 802.11 ax40 (HE40) – SU Full channel allocation:**

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

- Low Channel 38 (5190 MHz):

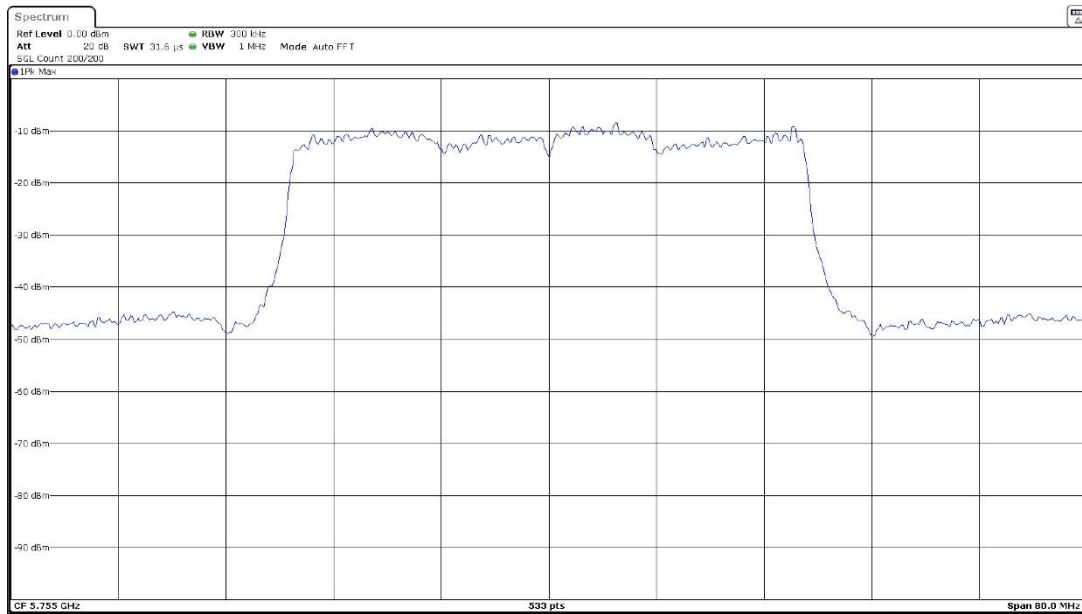
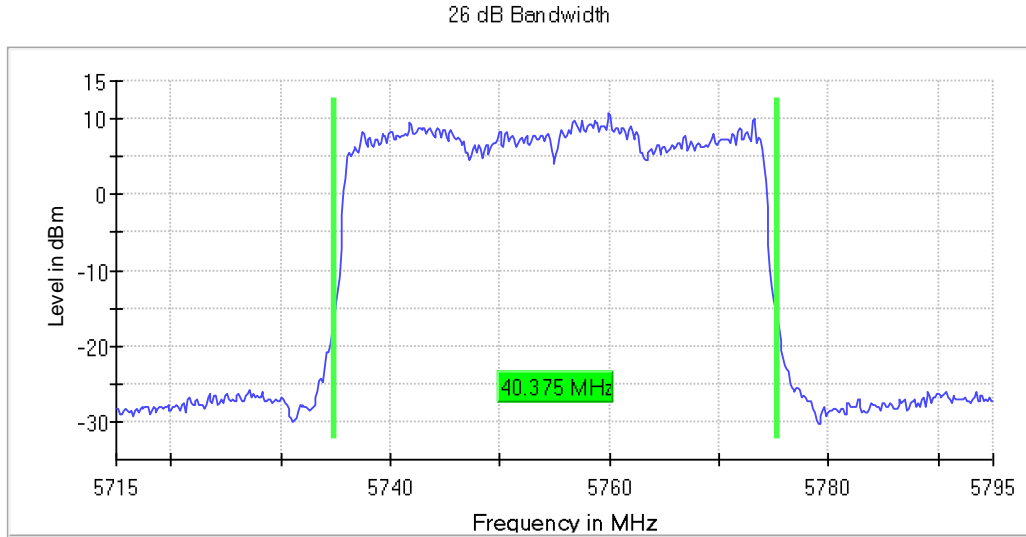


- High Channel 46 (5230 MHz):



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

- Low Channel 151 (5755 MHz):



- High Channel 159 (5795 MHz):

26 dB Bandwidth

