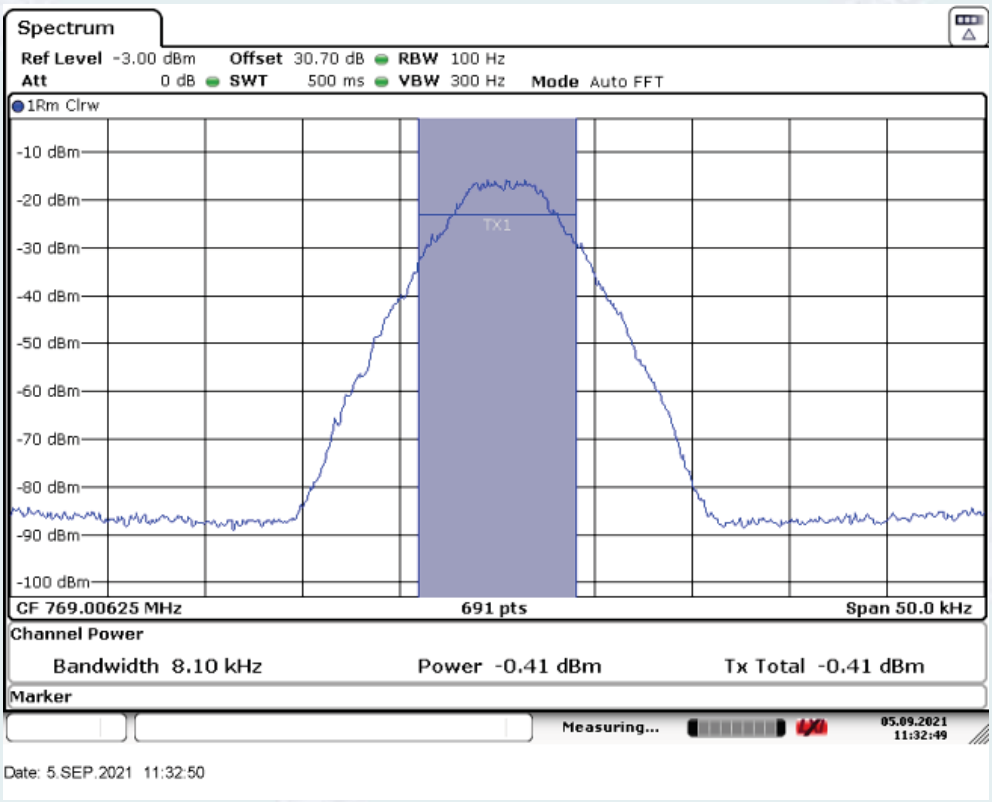
10.5.5.3 Input VS output Comparison

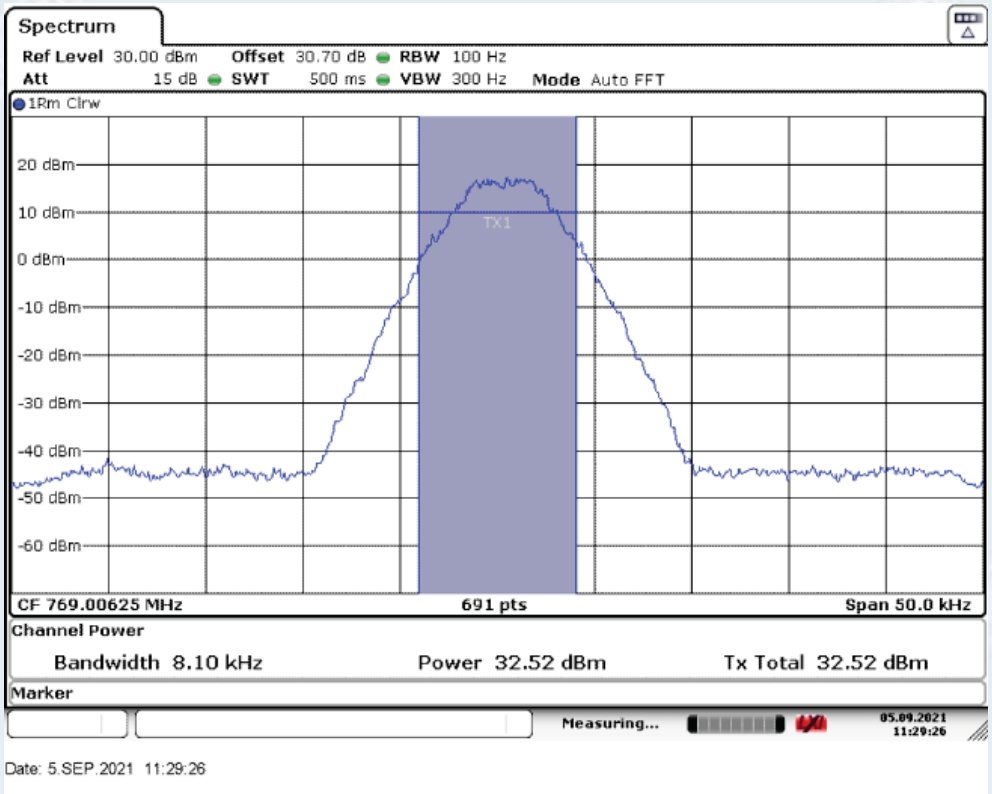
10.5.5.3.1 700MHz Band

10.5.5.3.1.1 P25 Phase I(C4FM) mode

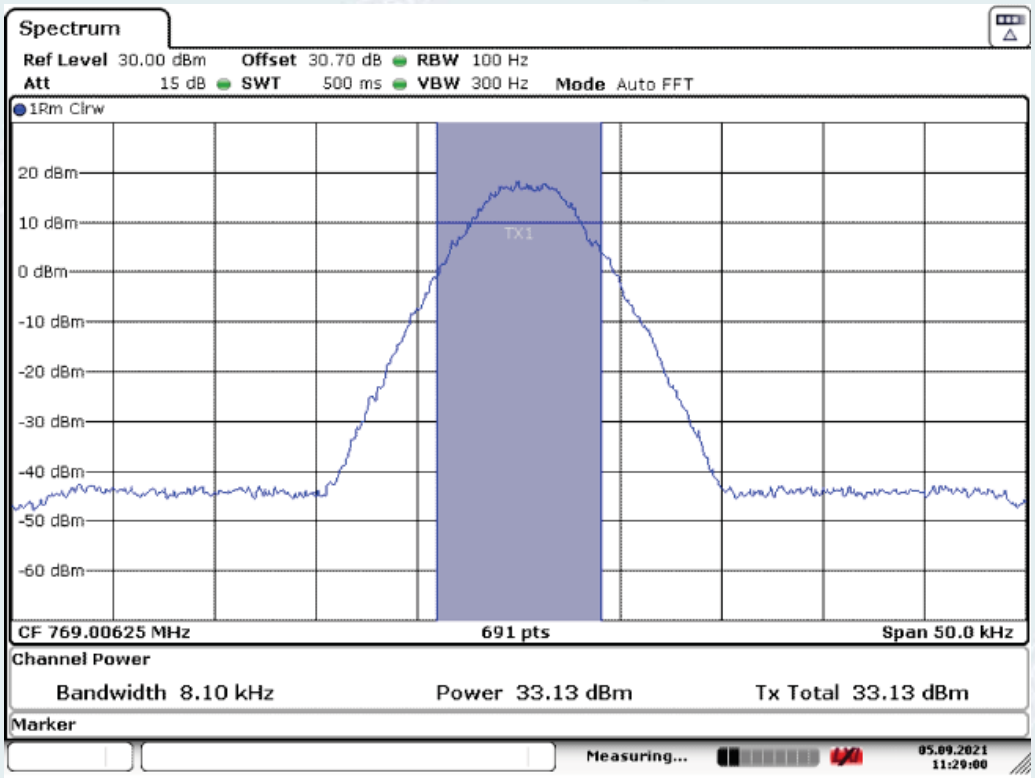
10.5.5.3.1.1.1 Downlink



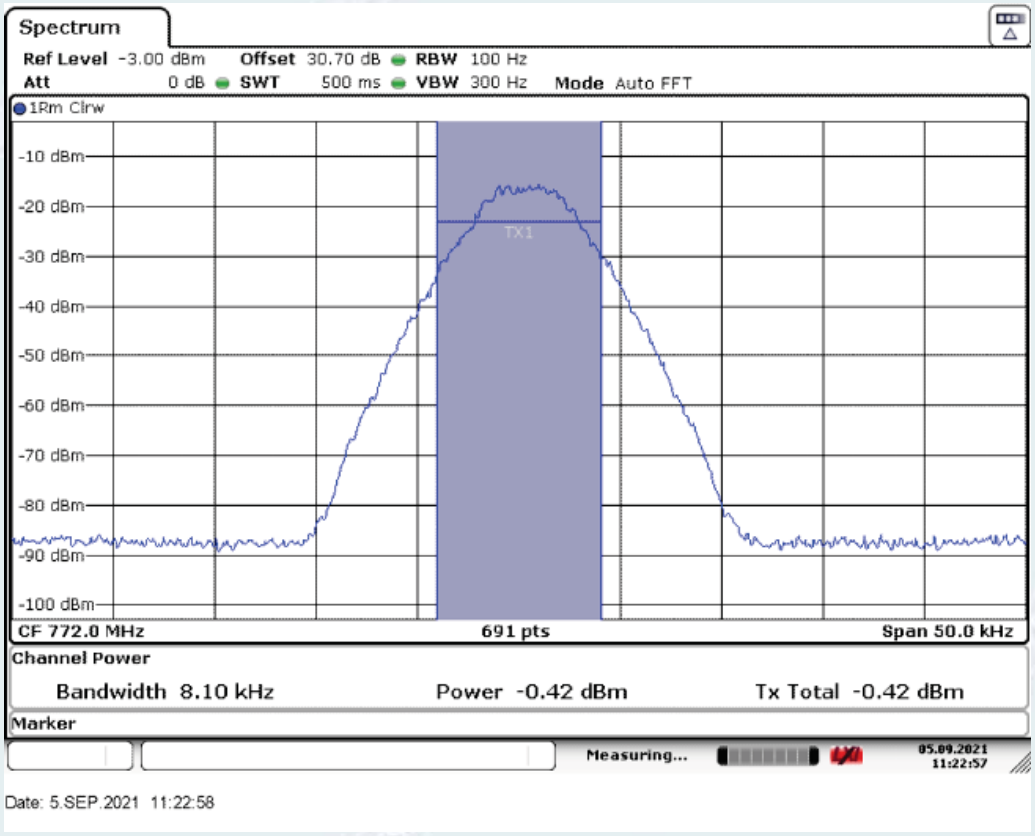
Low Frequency: 769.00625MHz, Input occupied BW



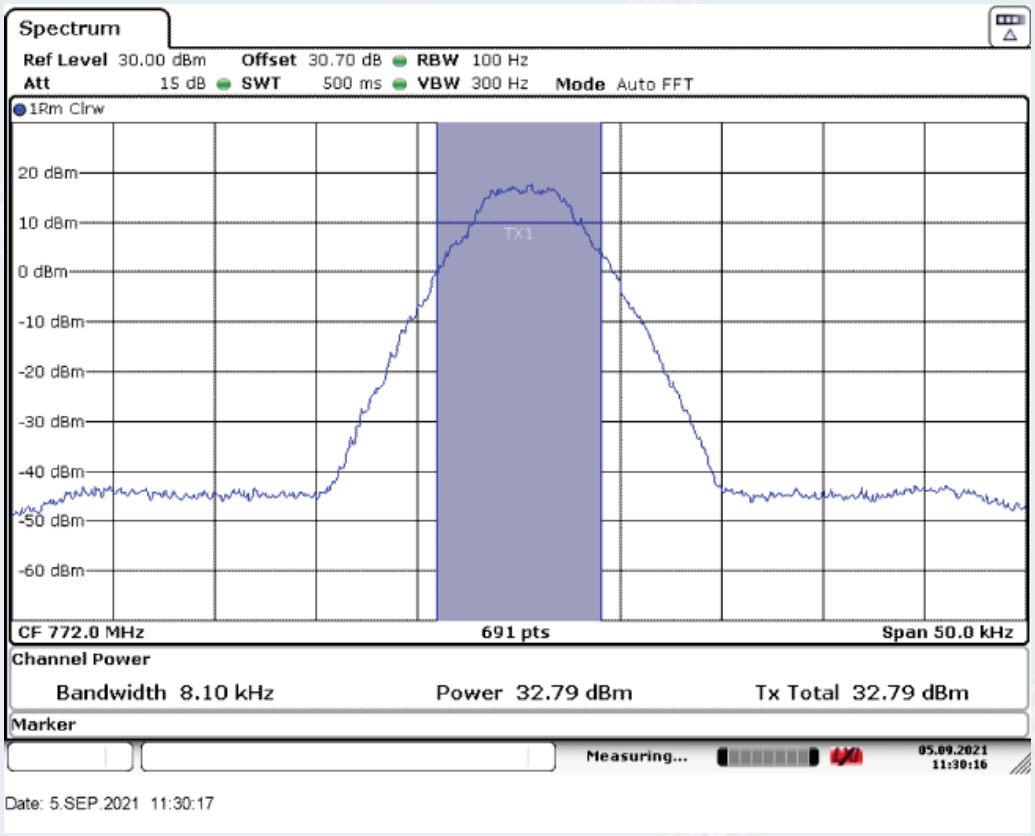
Low Frequency: 769.00625MHz, Output occupied BW(AGC)



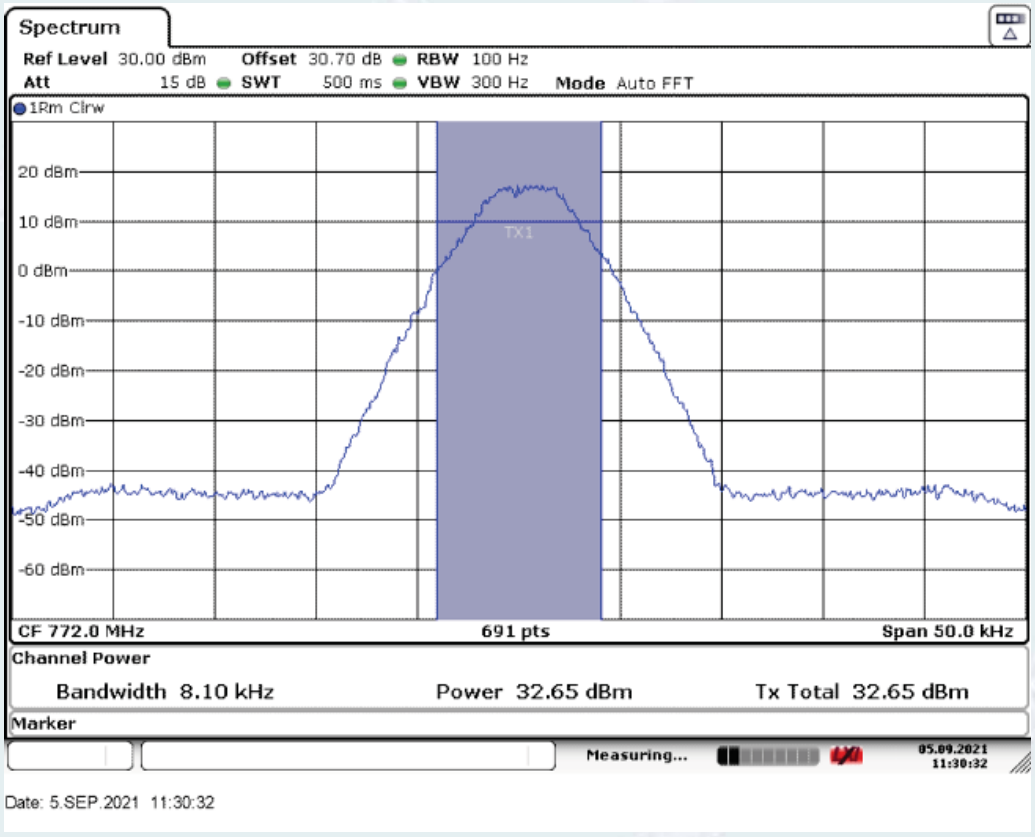
Low Frequency: 769.00625MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)



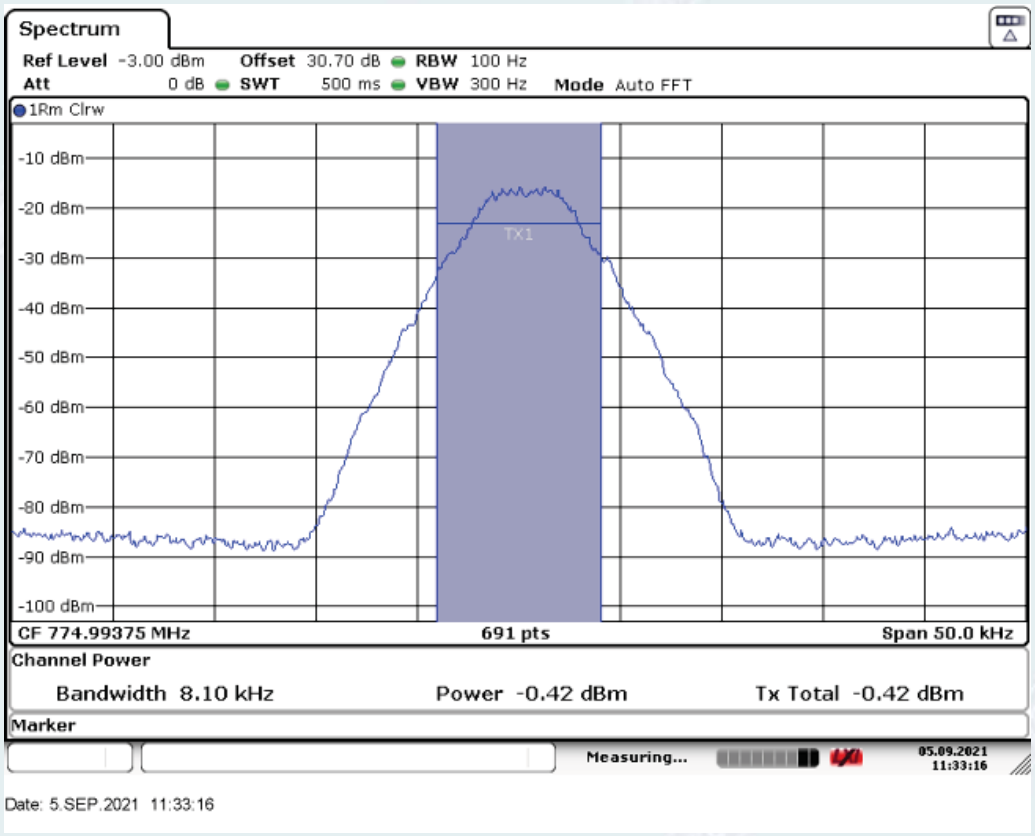
Middle Frequency: 772MHz, Input occupied BW



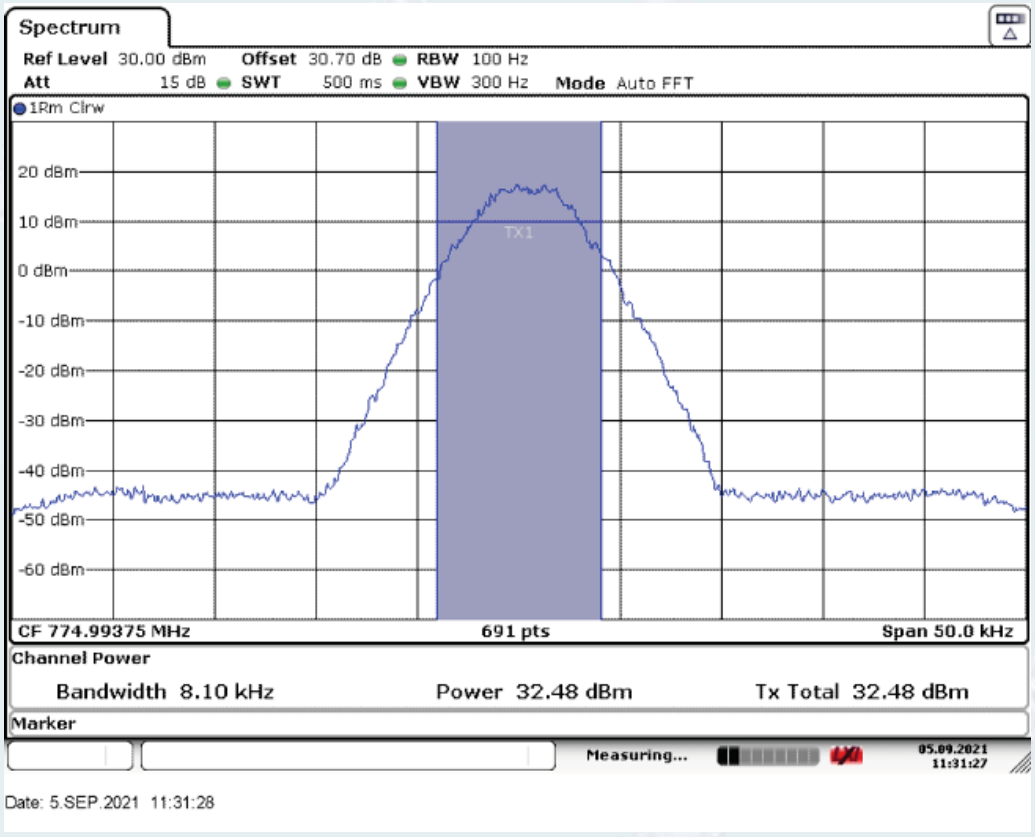
Middle Frequency: 772MHz, Output occupied BW(AGC)



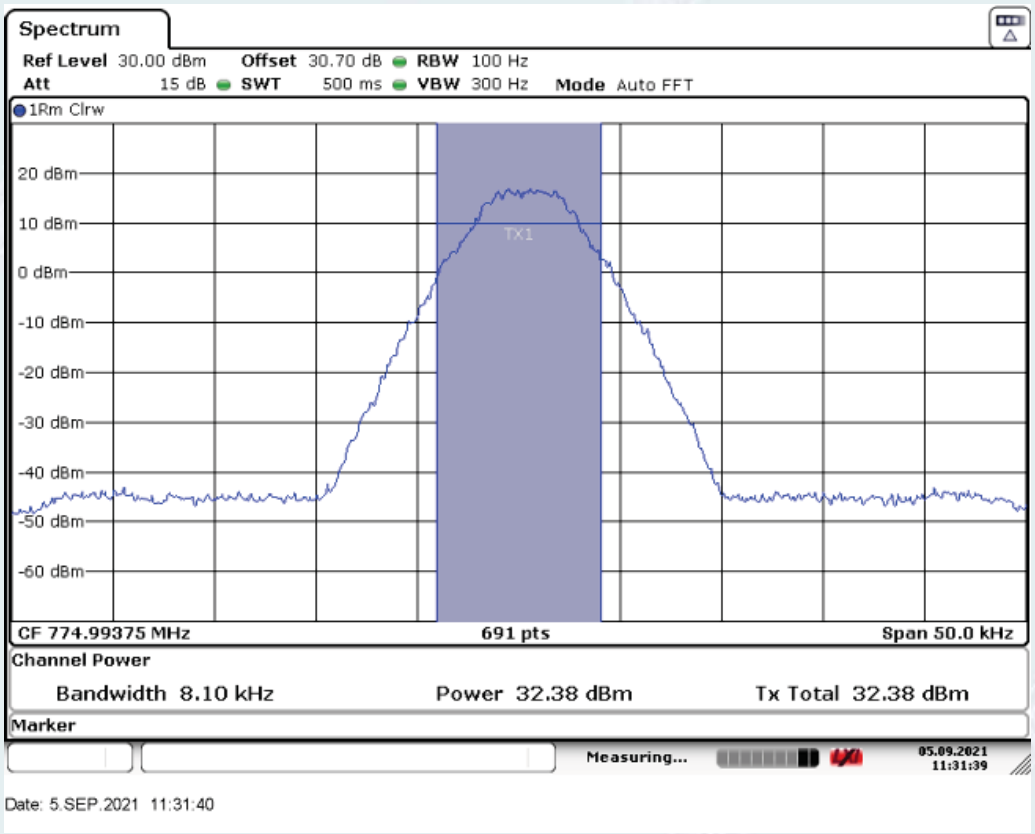
Middle Frequency: 772MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)



High Frequency: 774.99375MHz, Input occupied BW

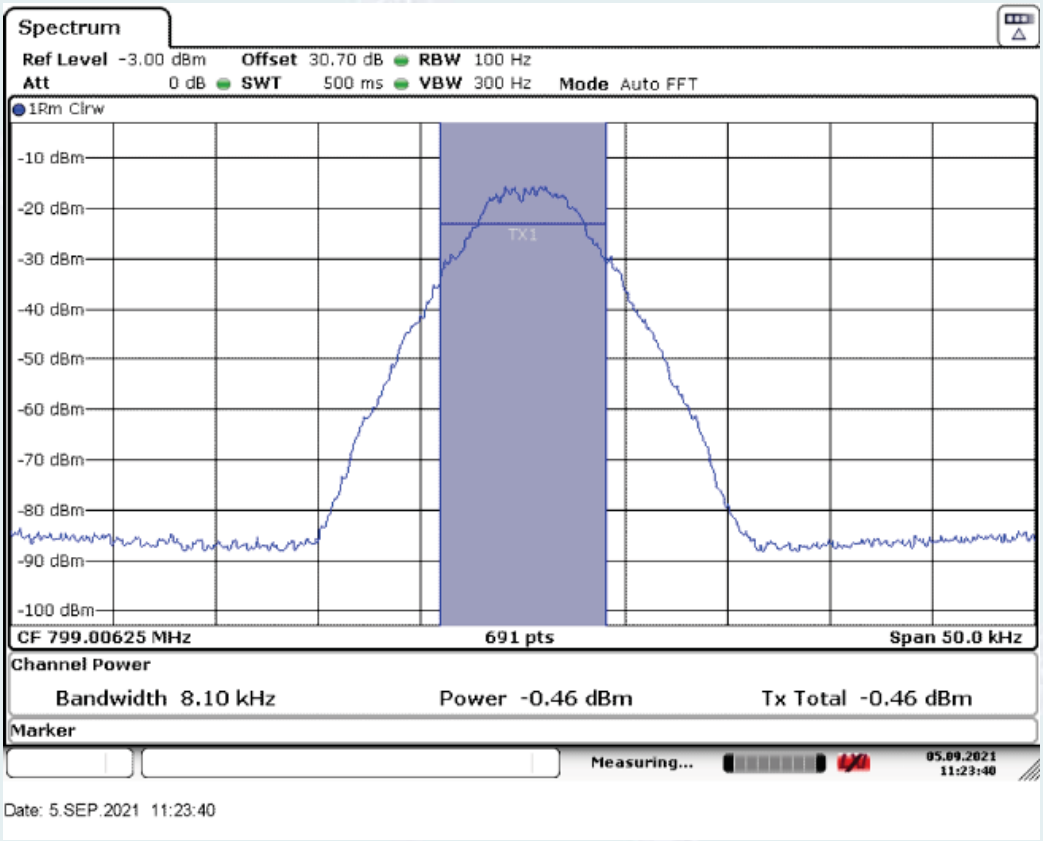


High Frequency: 774.99375MHz, Output occupied BW(AGC)

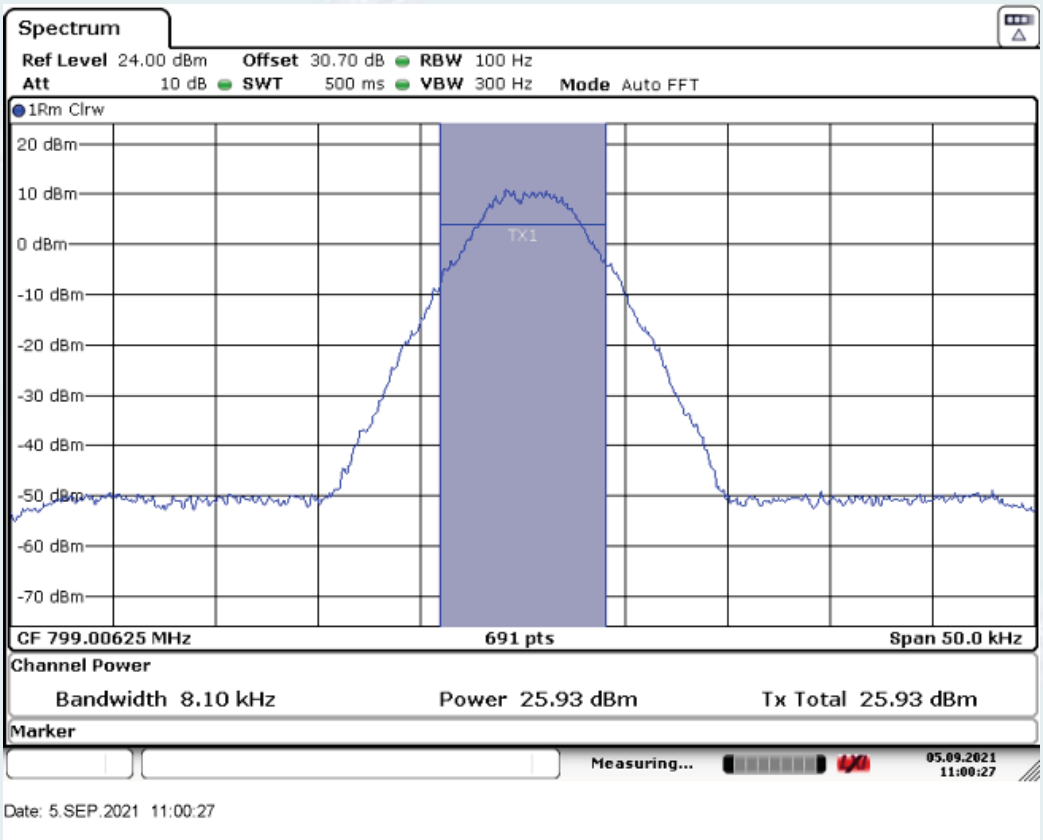


High Frequency: 774.99375MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

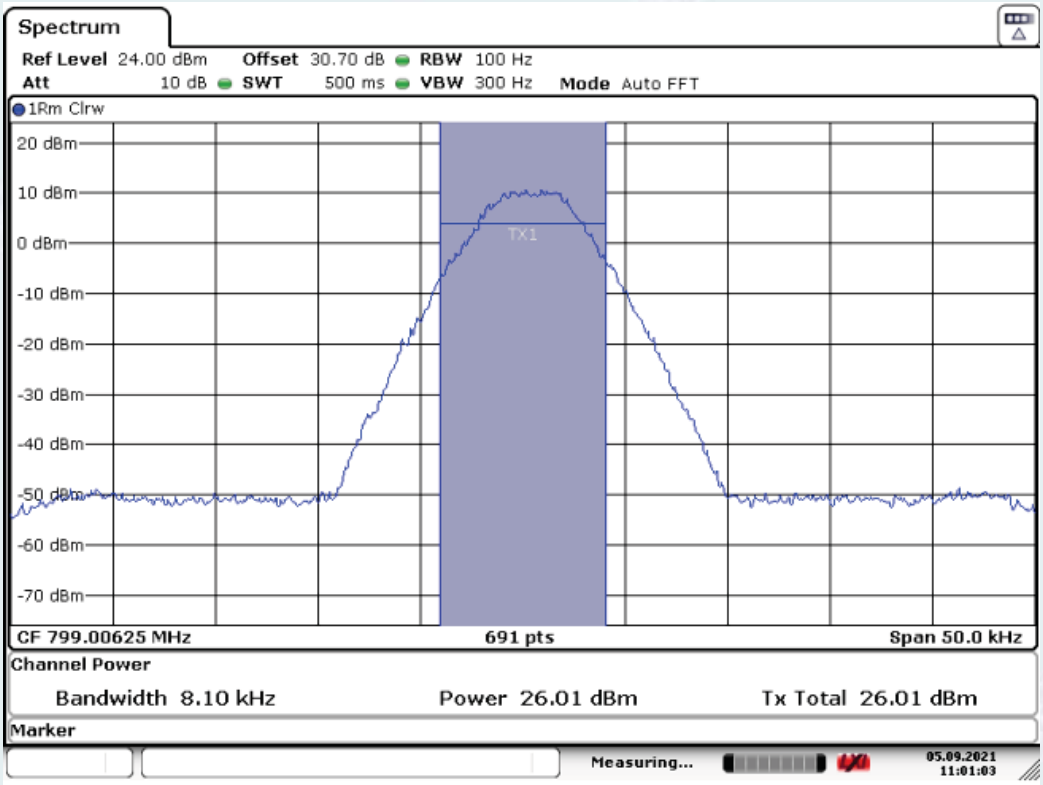
10.5.5.3.1.1.2 Uplink



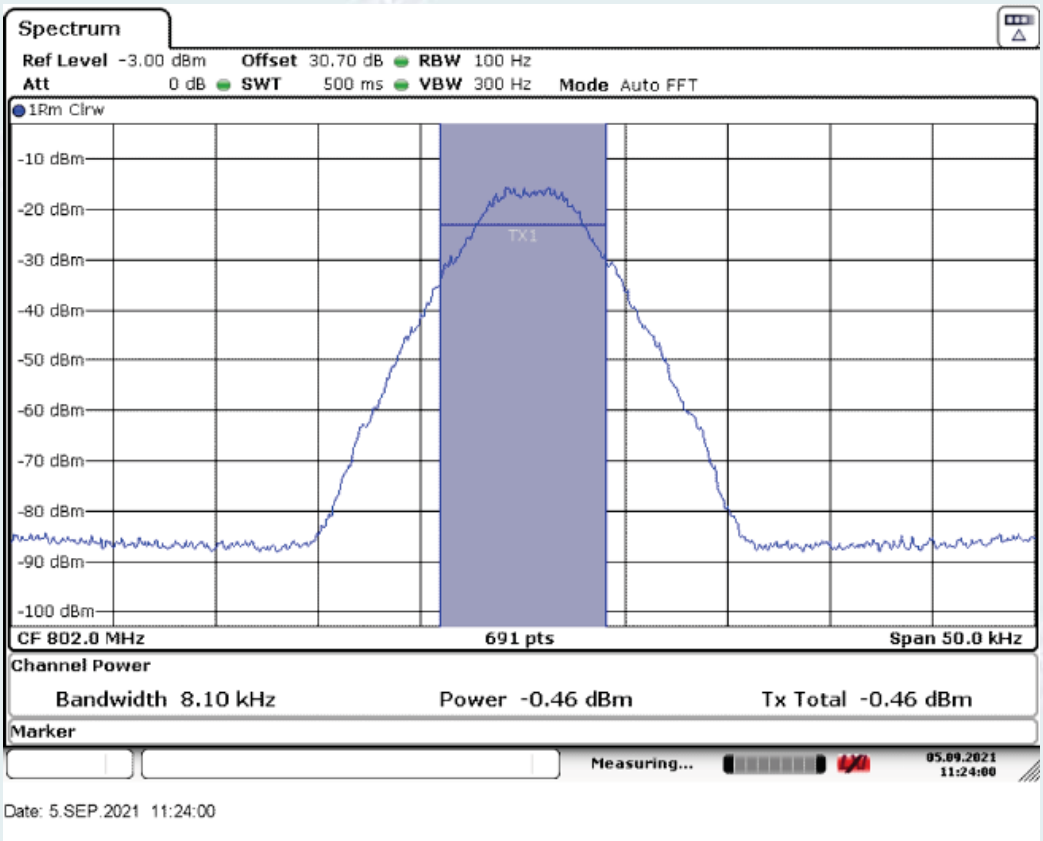
Low Frequency: 799.00625MHz, Input occupied BW



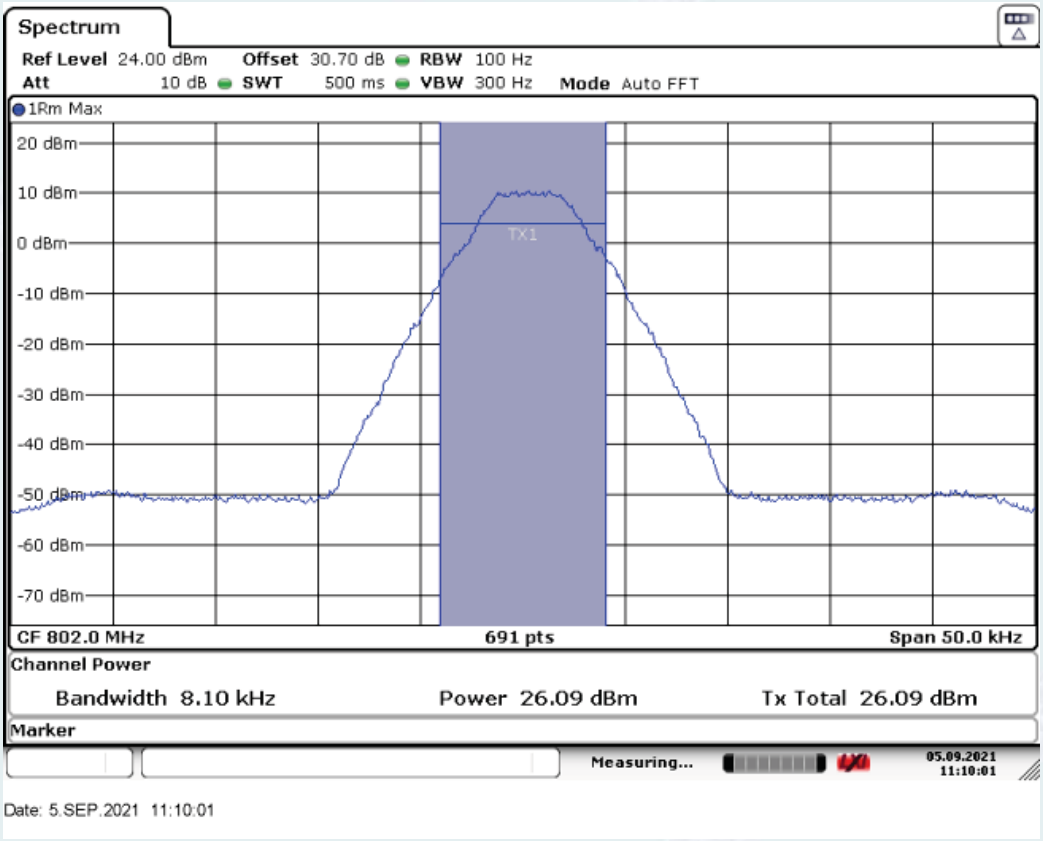
Low Frequency: 799.00625MHz, Output occupied BW(AGC)



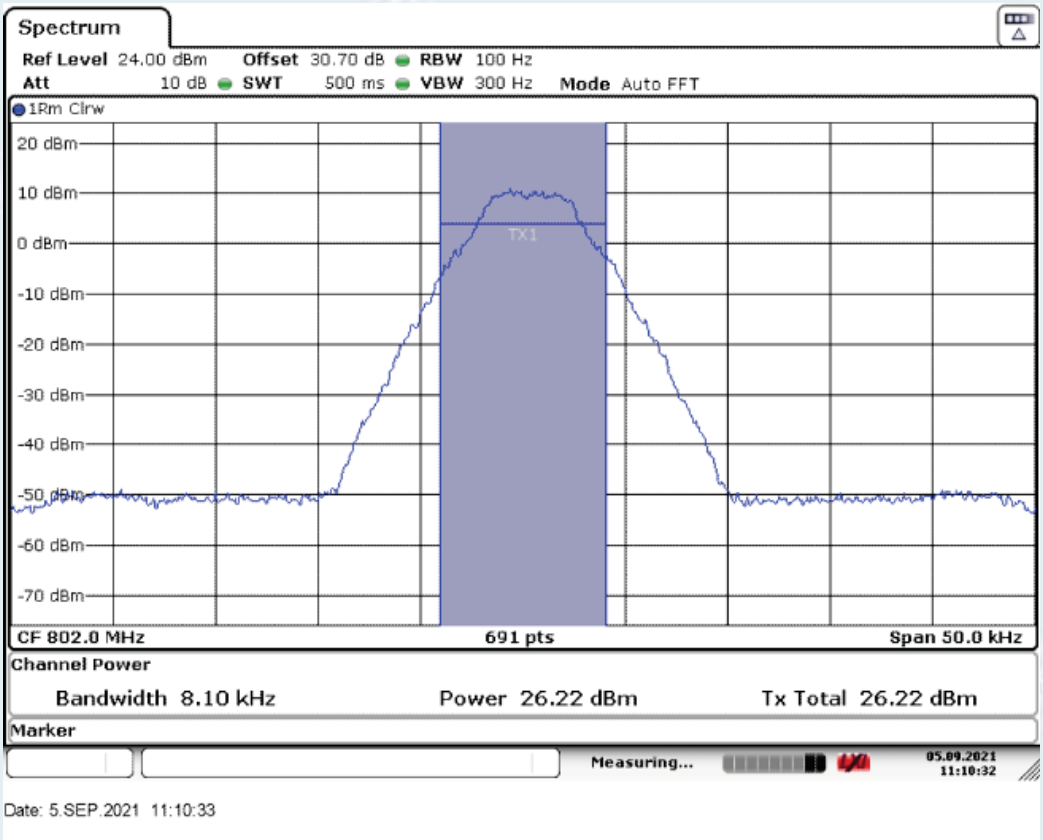
Low Frequency: 799.00625MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)



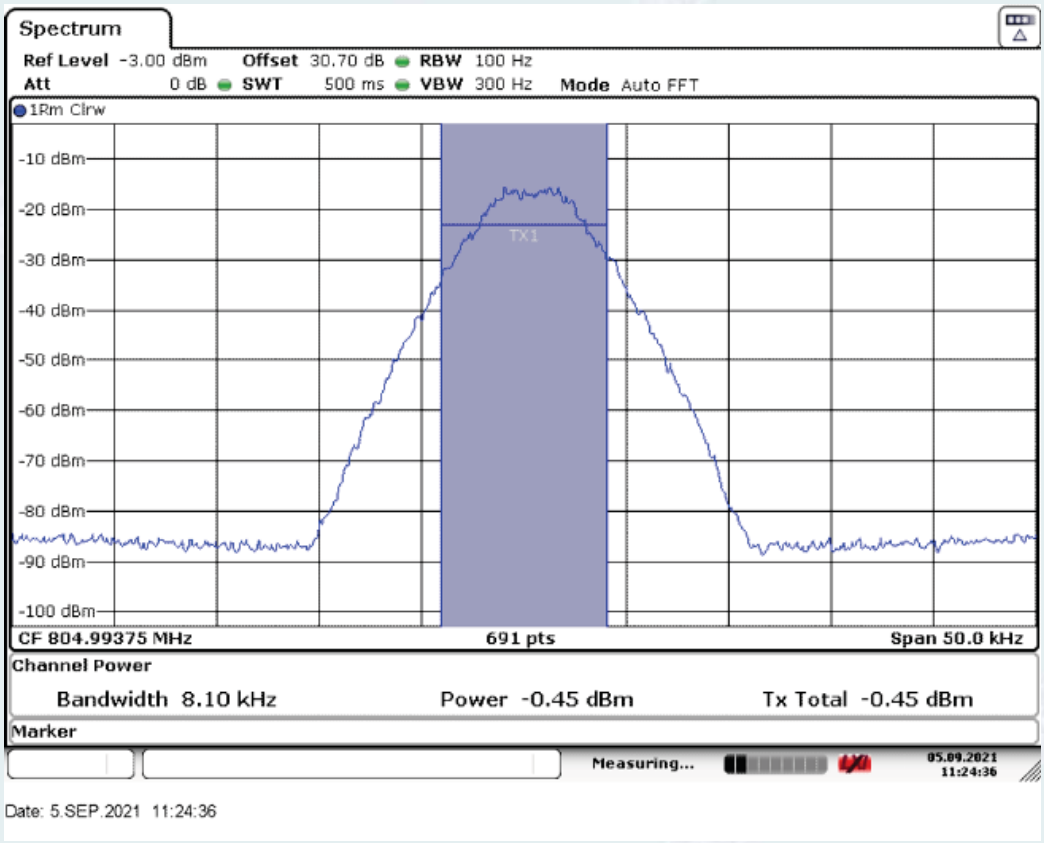
Middle Frequency: 802MHz, Input occupied BW



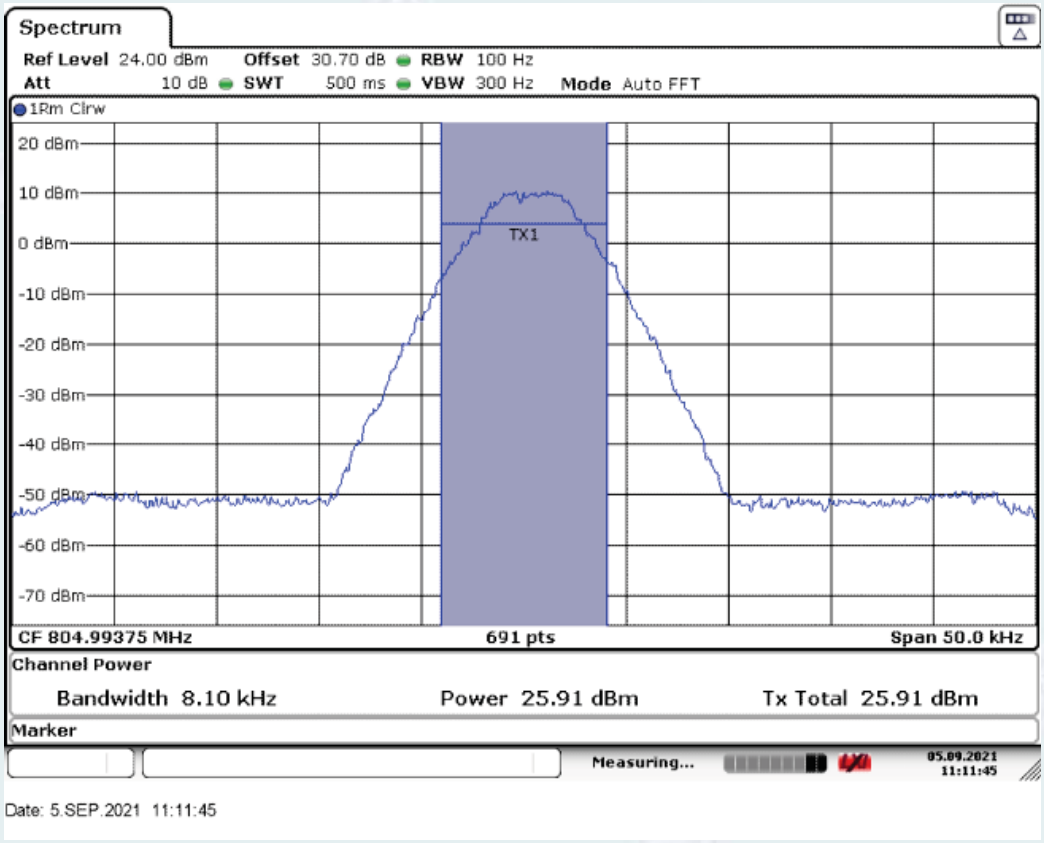
Middle Frequency: 802MHz, Output occupied BW(AGC)



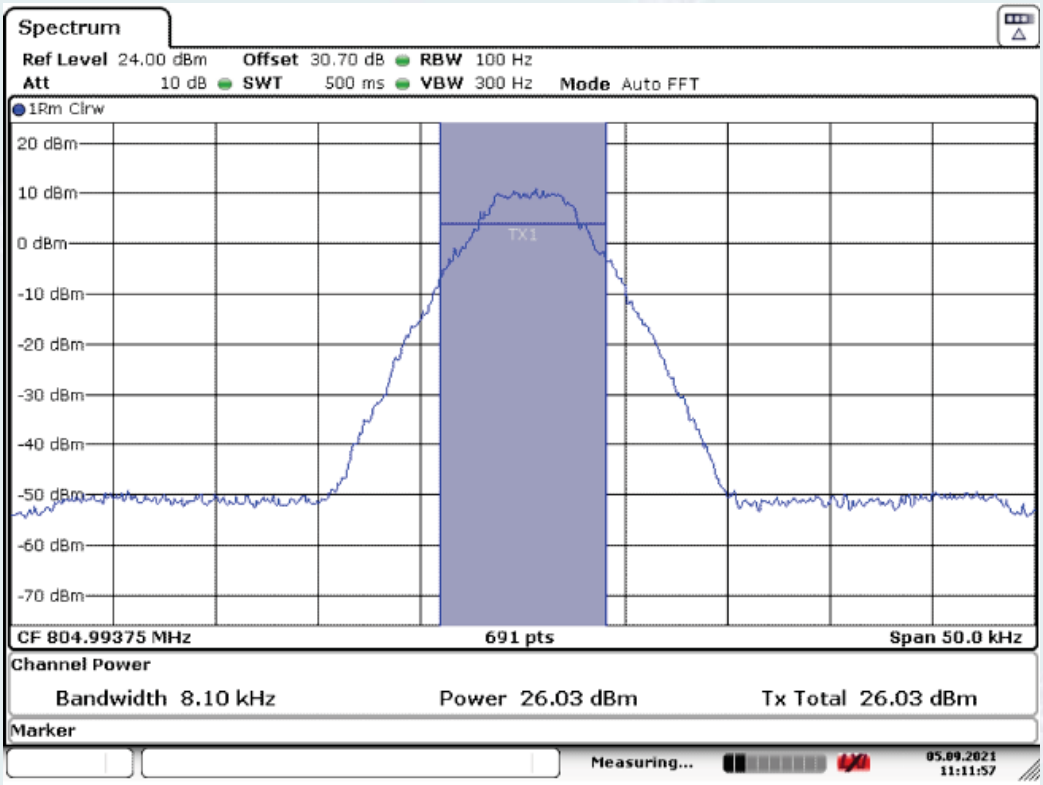
Middle Frequency: 802MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)



High Frequency: 804.99375MHz, Input occupied BW



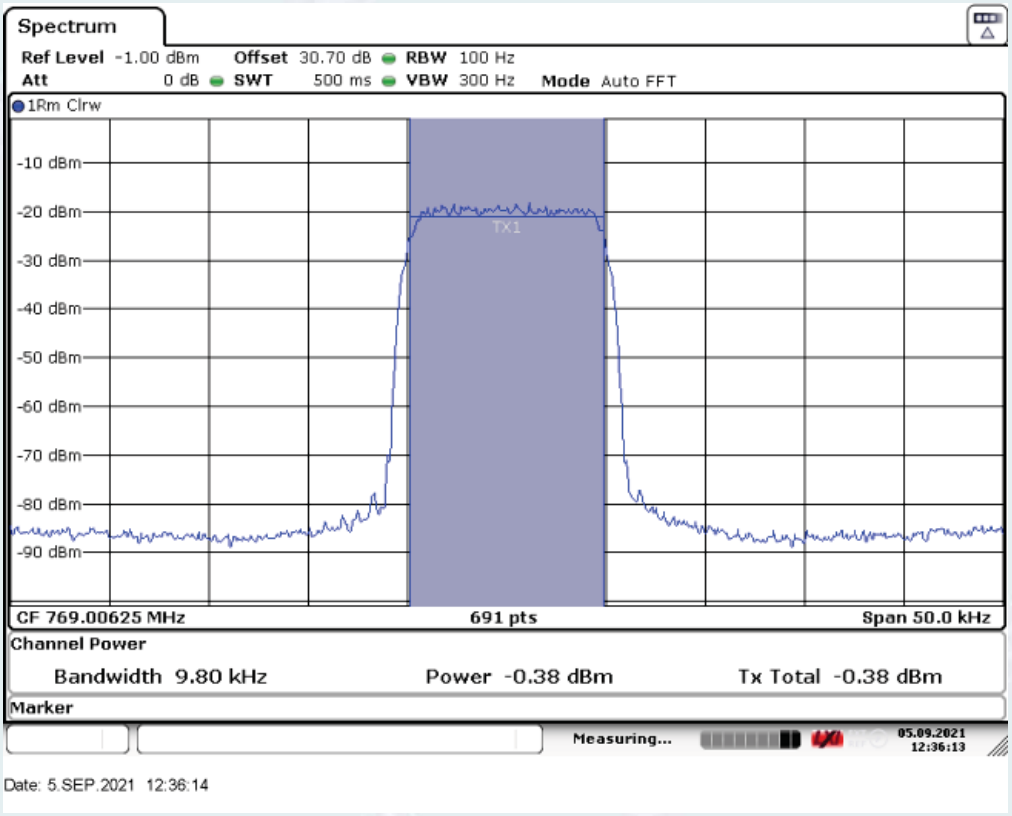
High Frequency: 804.99375MHz, Output occupied BW(AGC)



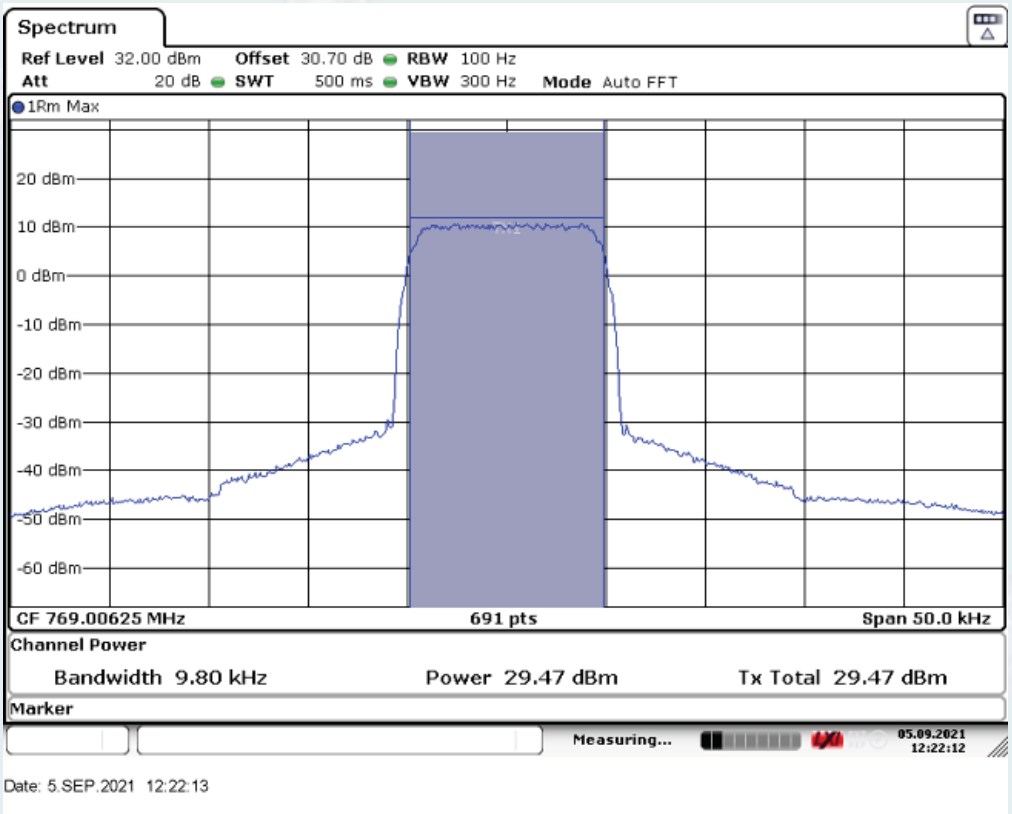
High Frequency: 804.99375MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

10.5.5.3.1.2 P25 Phase II(H-DQPSK) mode

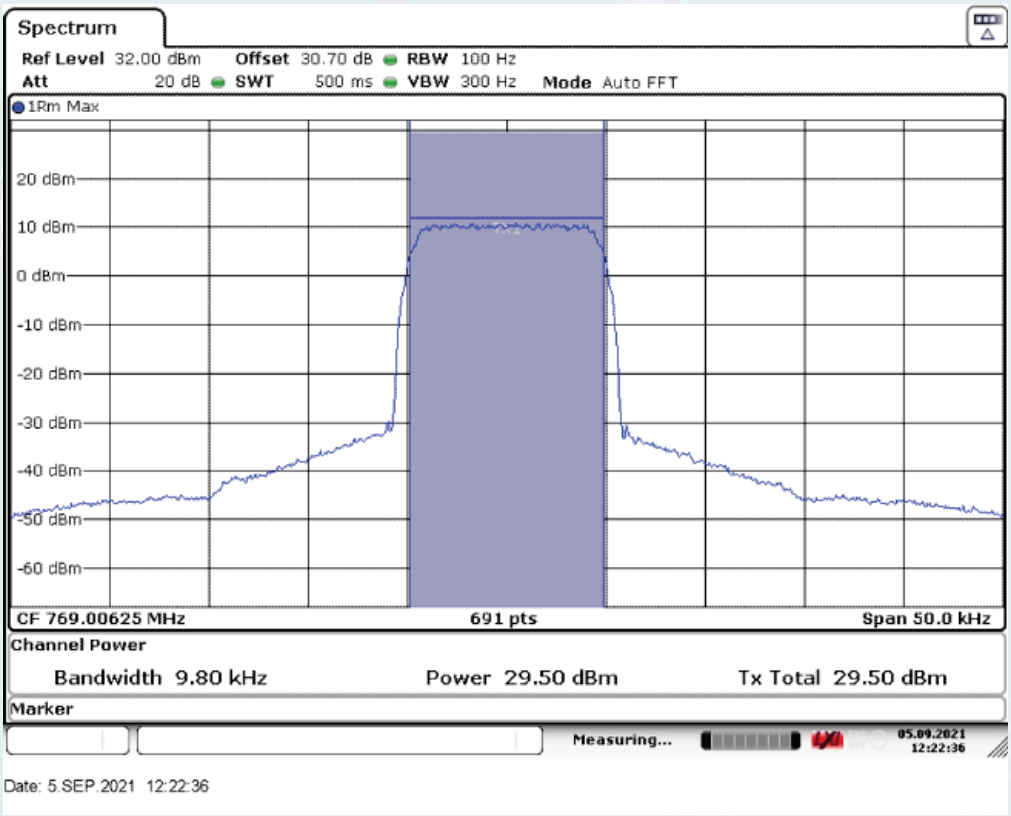
10.5.5.3.1.2.1 Downlink



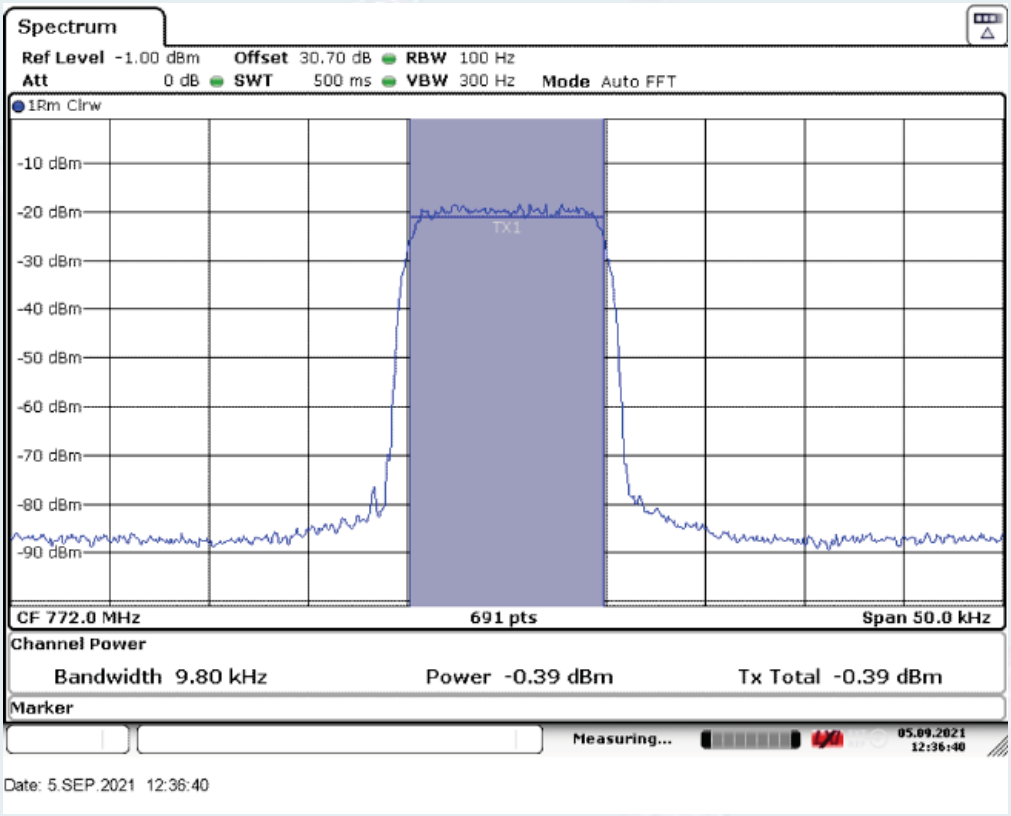
Low Frequency: 769.00625MHz, Input occupied BW



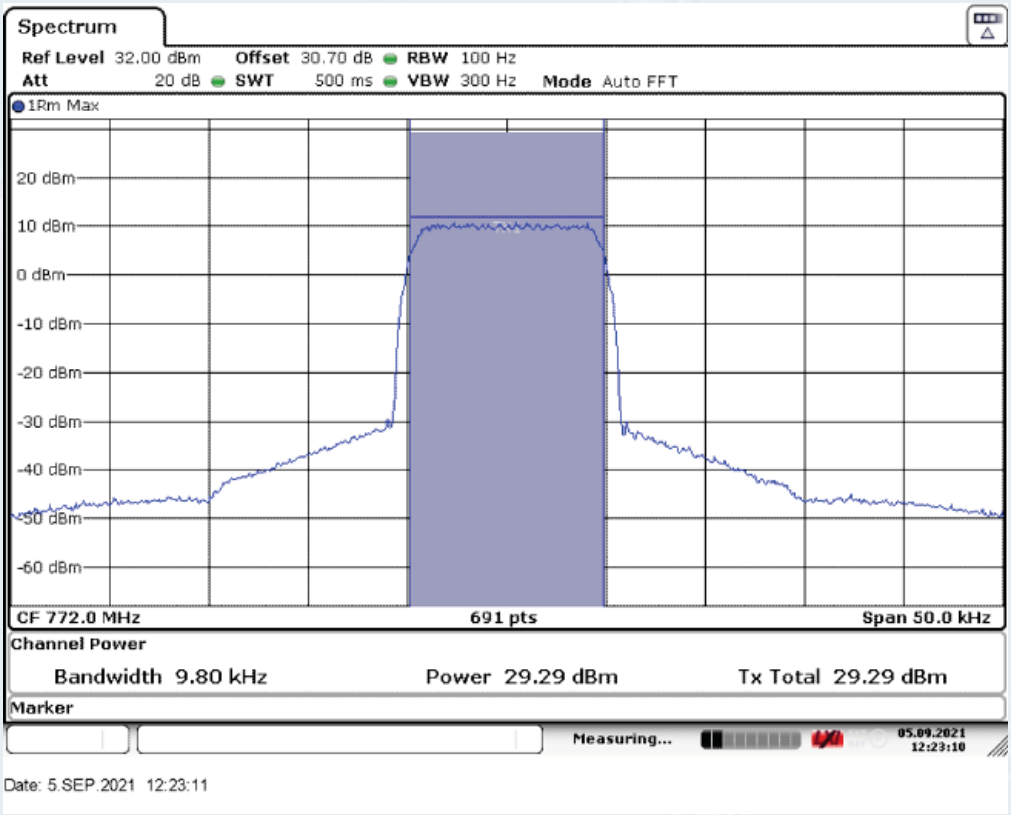
Low Frequency: 769.00625MHz, Output occupied BW(AGC)



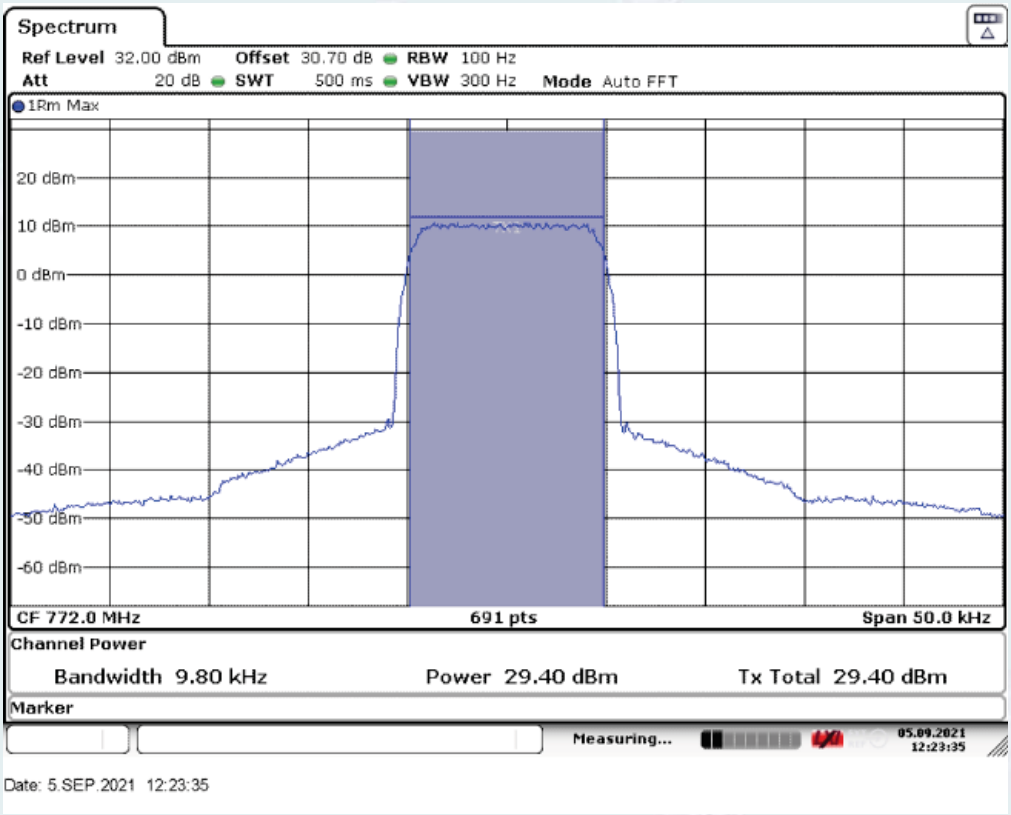
Low Frequency: 769.00625MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)



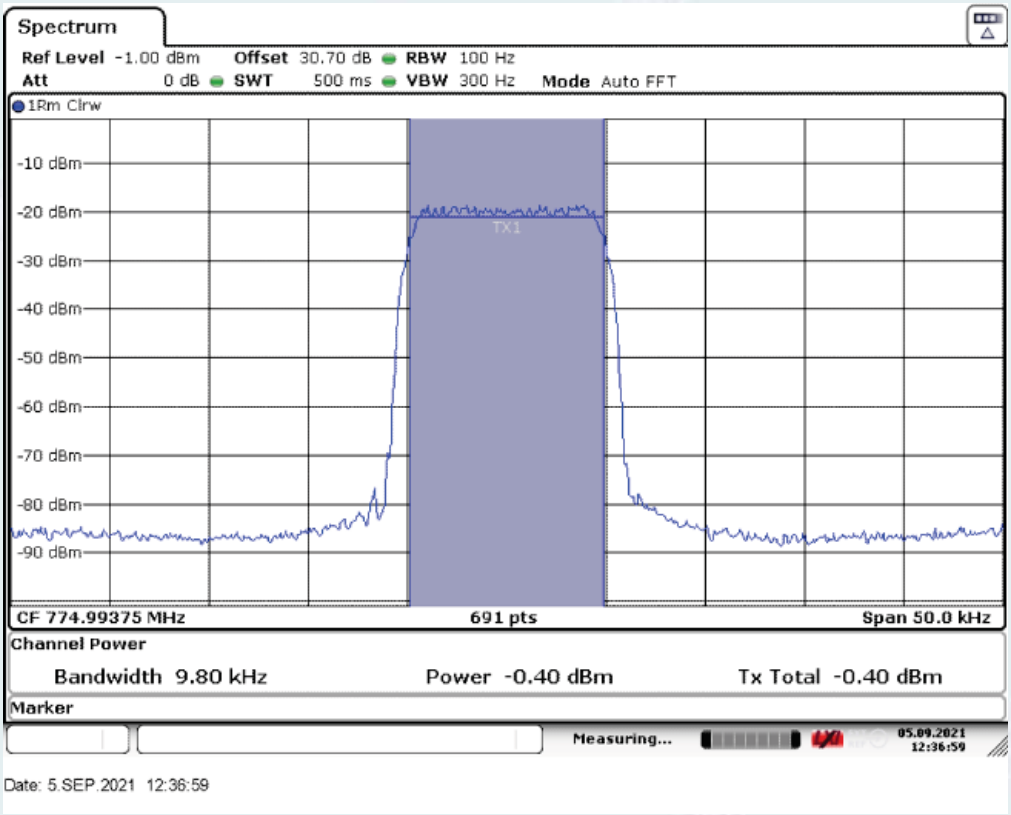
Middle Frequency: 772MHz, Input occupied BW



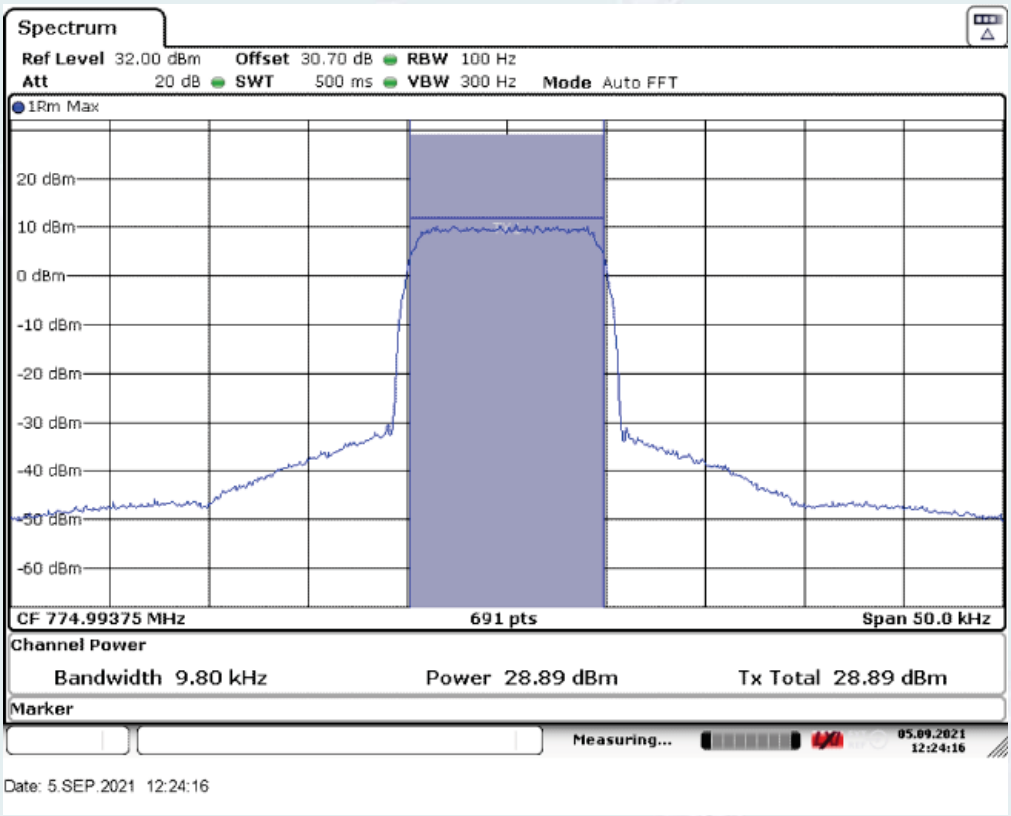
Middle Frequency: 772MHz, Output occupied BW(AGC)



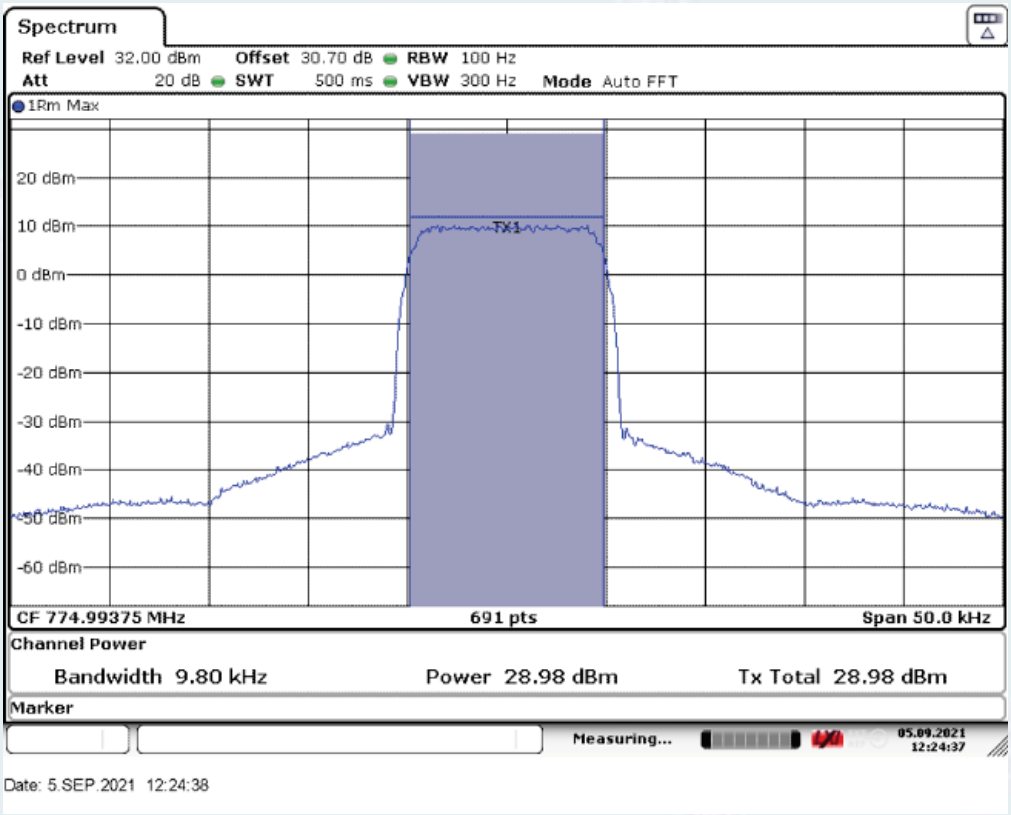
Middle Frequency: 771.5MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)



High Frequency: 774.99375MHz, Input occupied BW

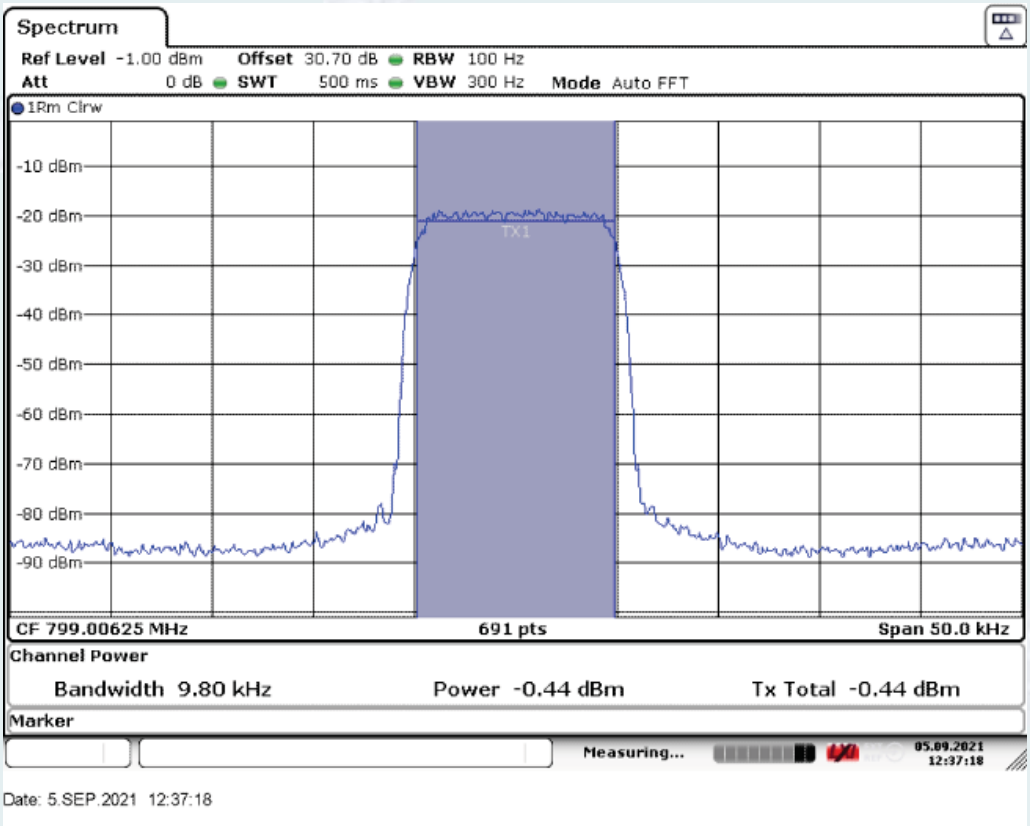


High Frequency: 774.99375MHz, Output occupied BW(AGC)

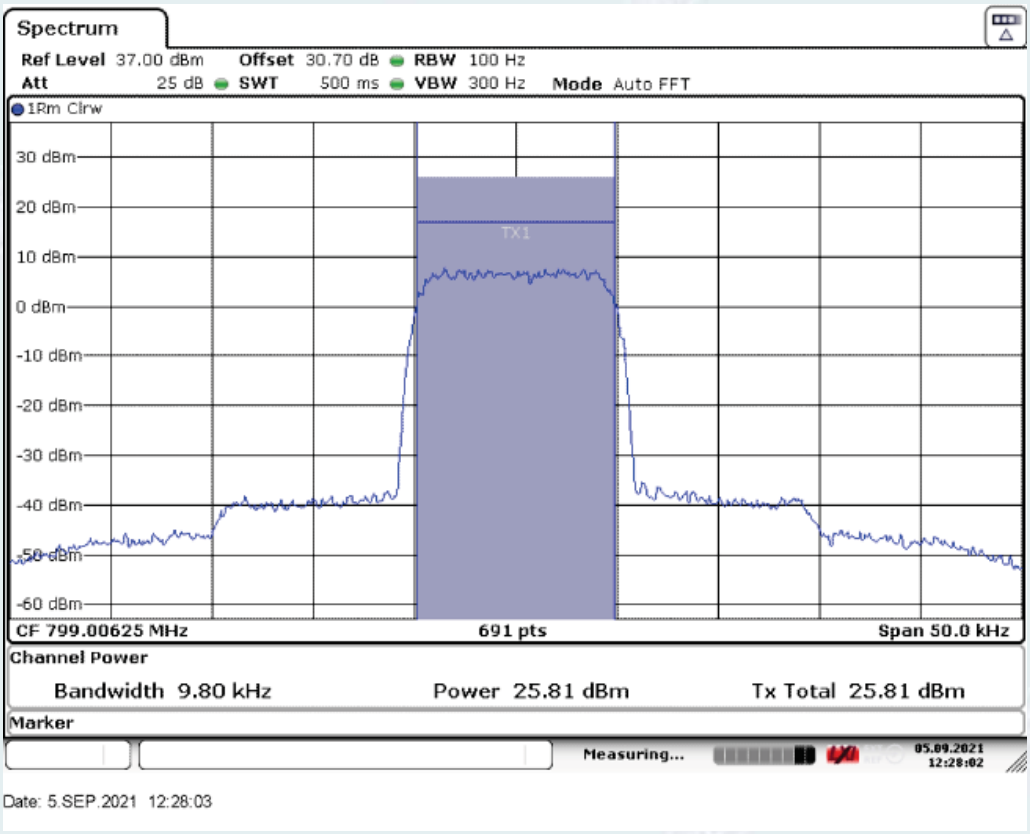


High Frequency: 774.99375MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

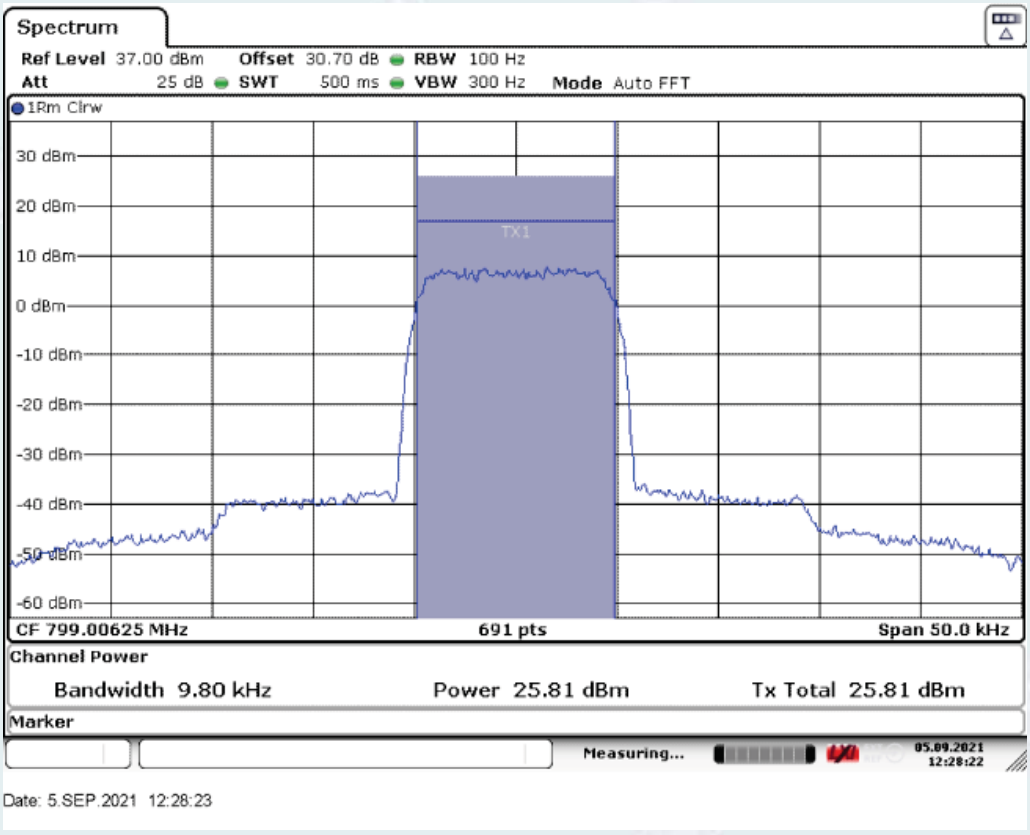
10.5.5.3.1.2.2 Uplink



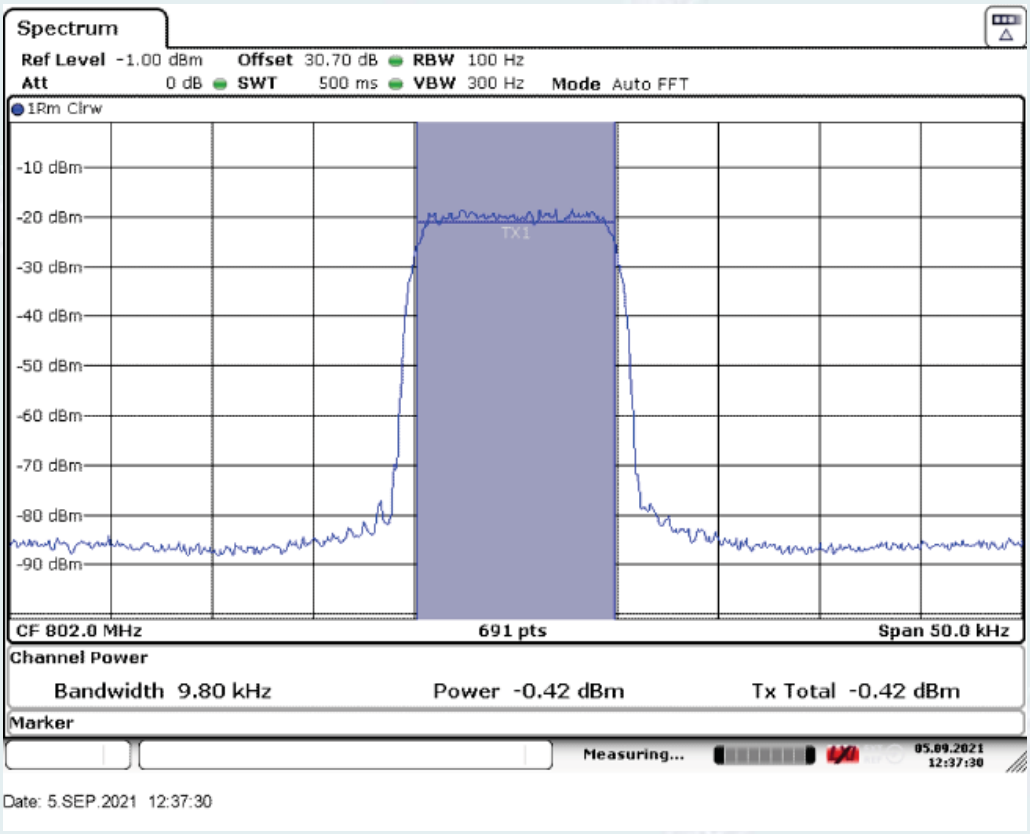
Low Frequency: 799.00625MHz, Input occupied BW



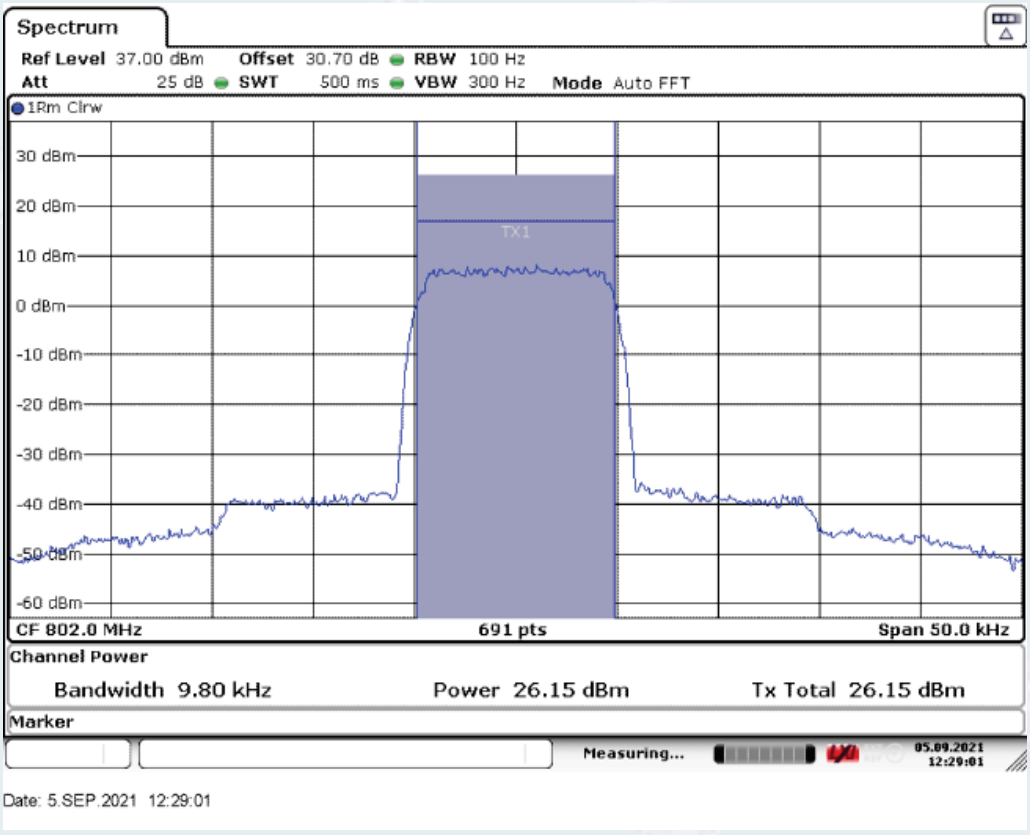
Low Frequency: 799.00625MHz, Output occupied BW(AGC)



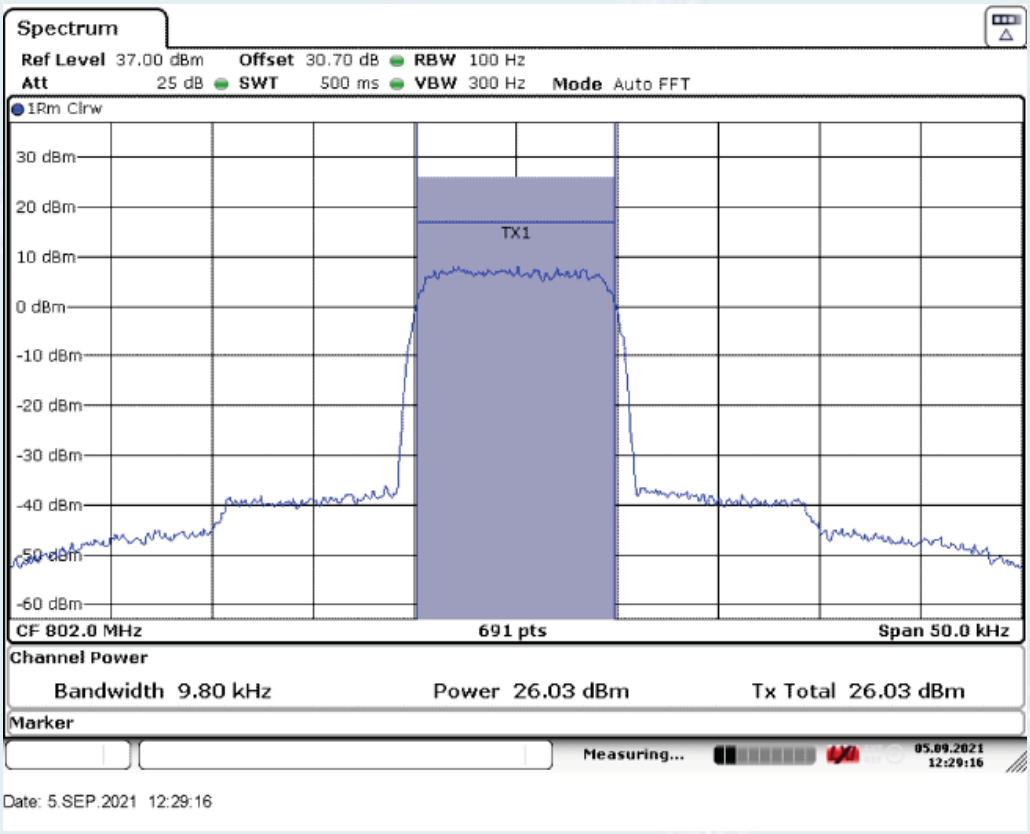
Low Frequency: 799.00625MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)



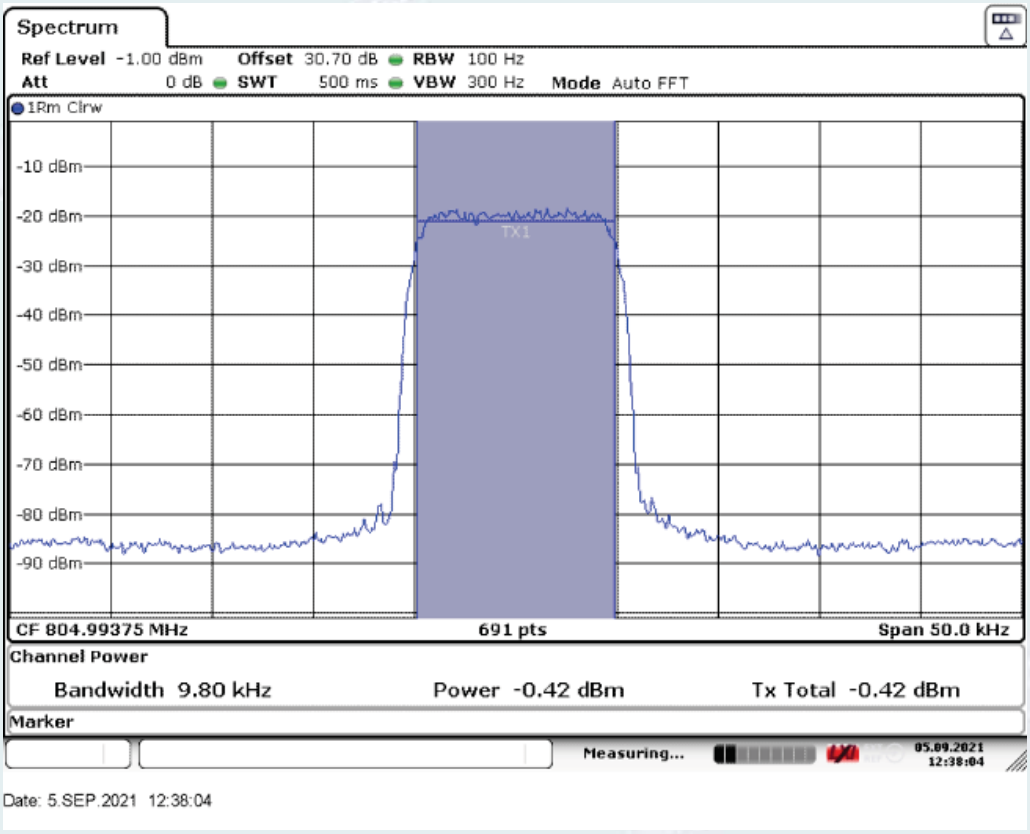
Middle Frequency: 802MHz, Input occupied BW



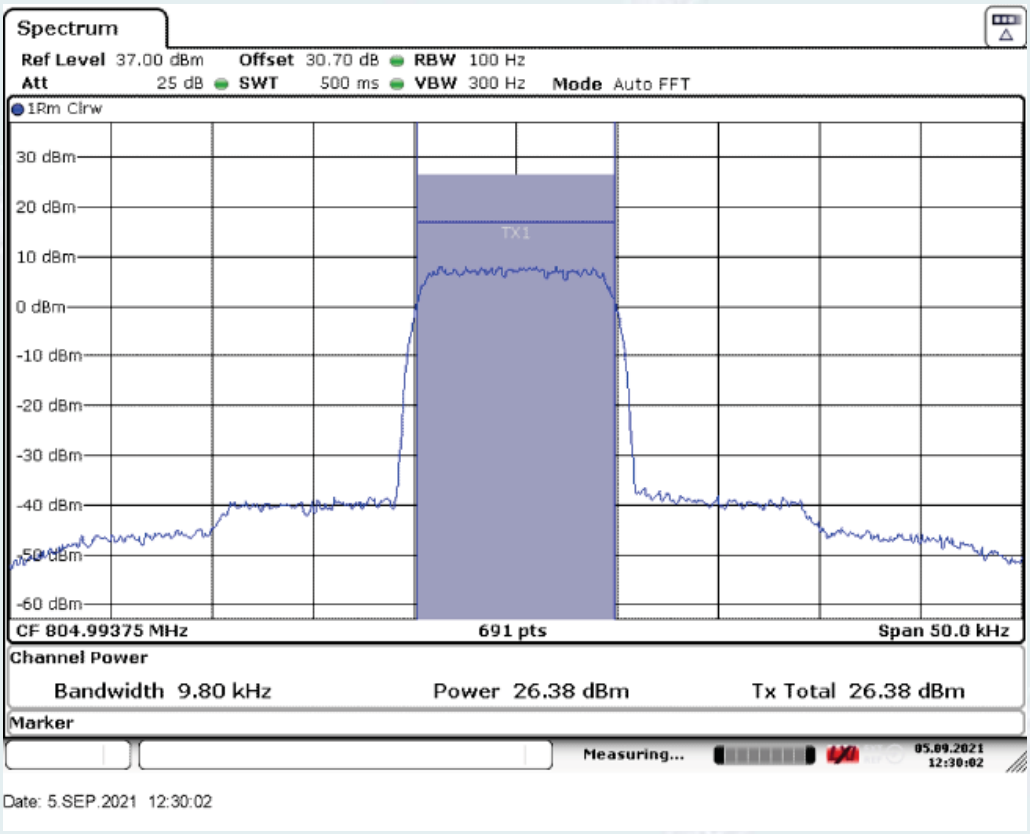
Middle Frequency: 802MHz, Output occupied BW(AGC)



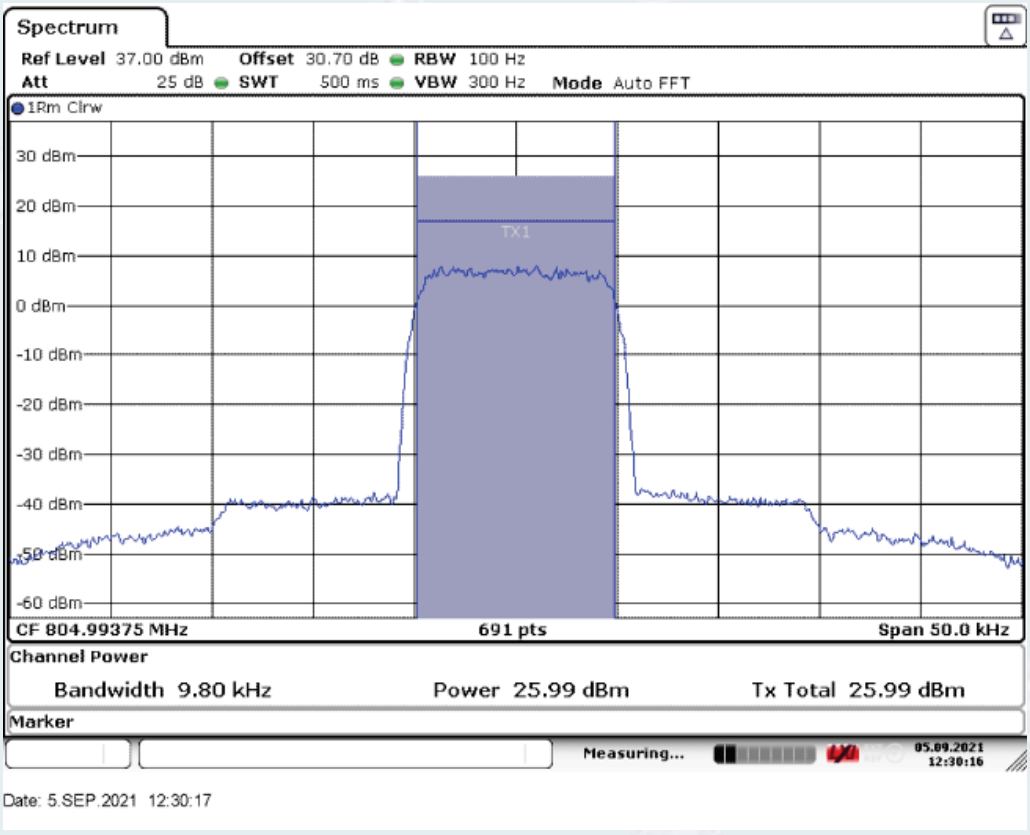
Middle Frequency: 802MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)



High Frequency: 804.99375MHz, Input occupied BW



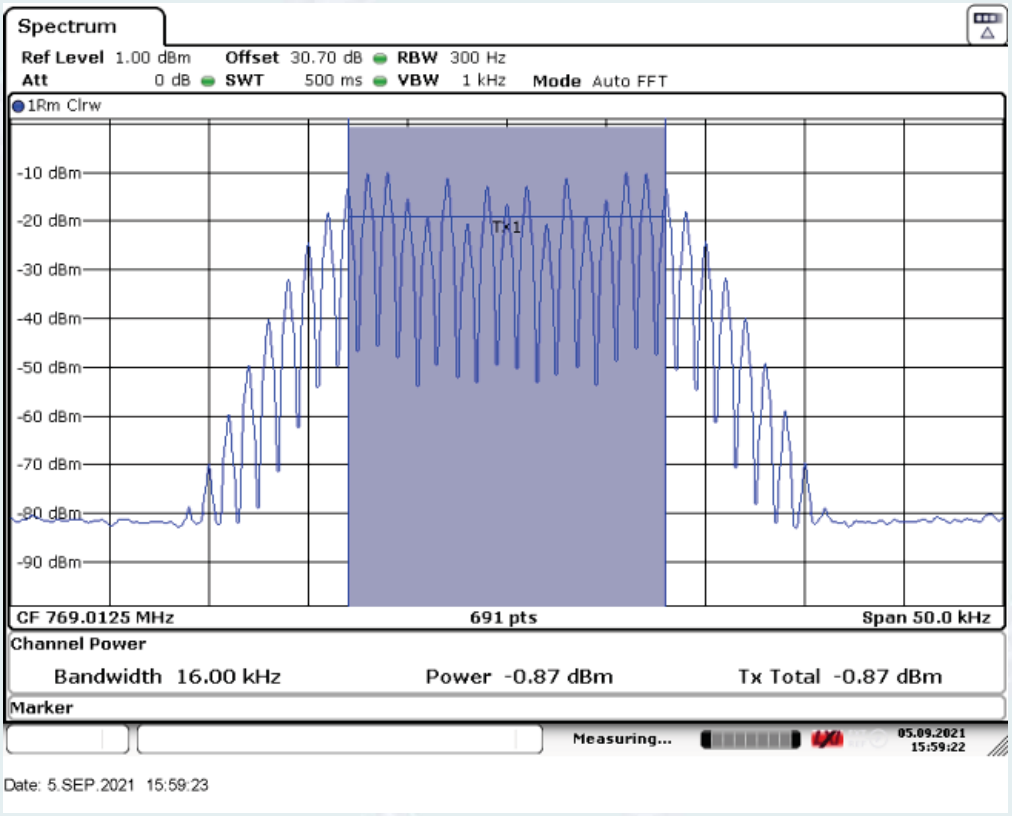
High Frequency: 804.99375MHz, Output occupied BW(AGC)



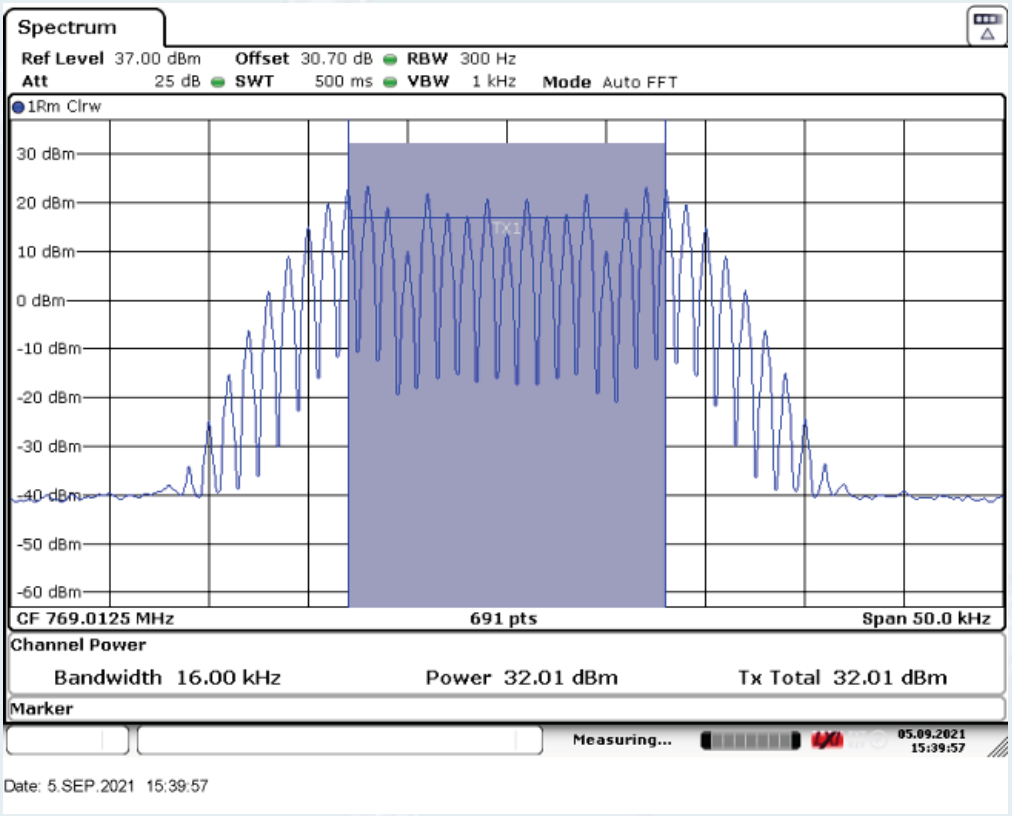
High Frequency: 804.99375MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

10.5.5.3.1.3 Analog FM mode

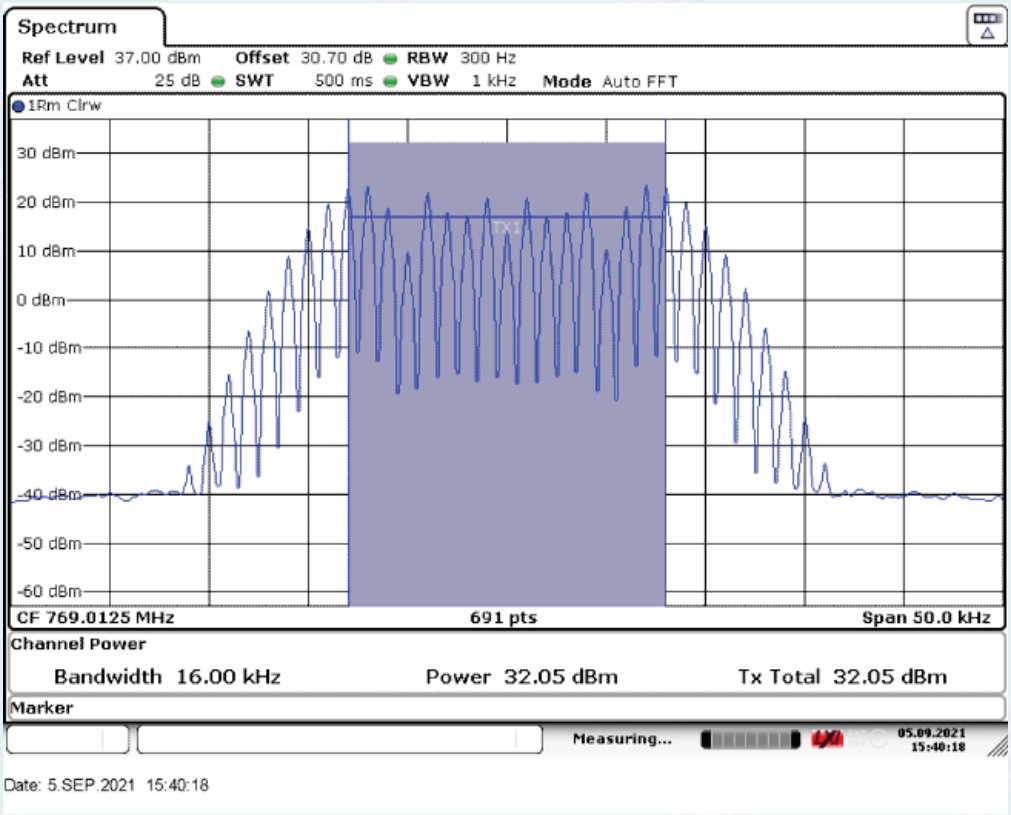
10.5.5.3.1.3.1 Downlink



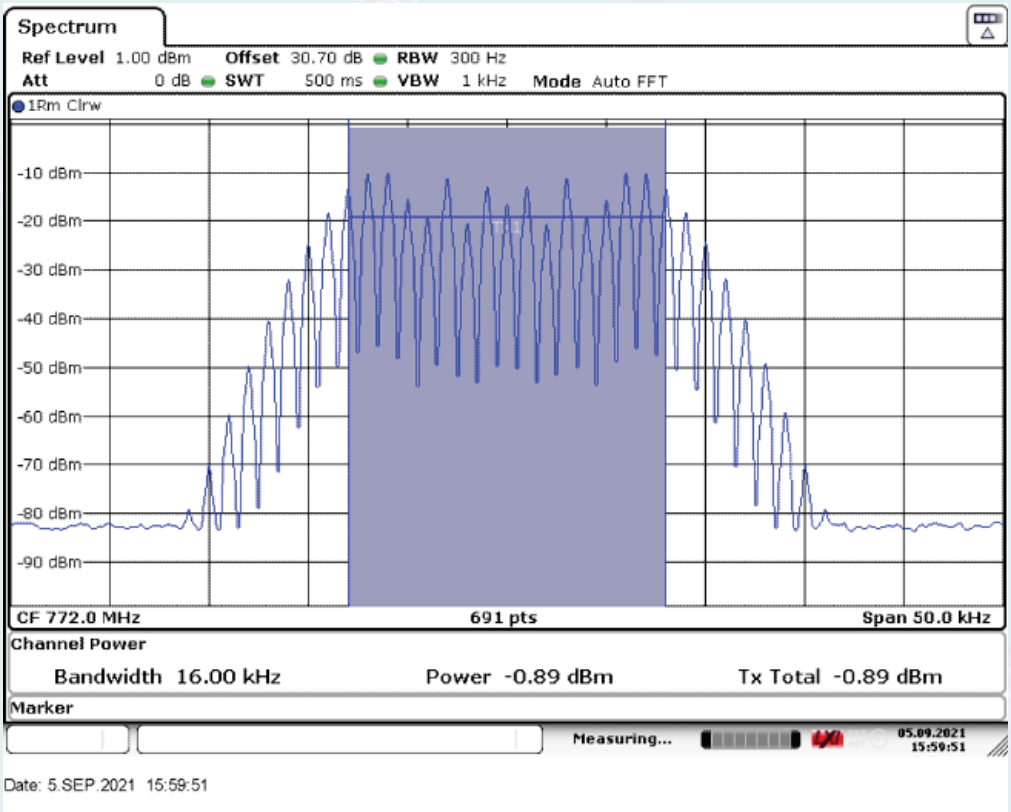
Low Frequency: 769.0125MHz, Input occupied BW



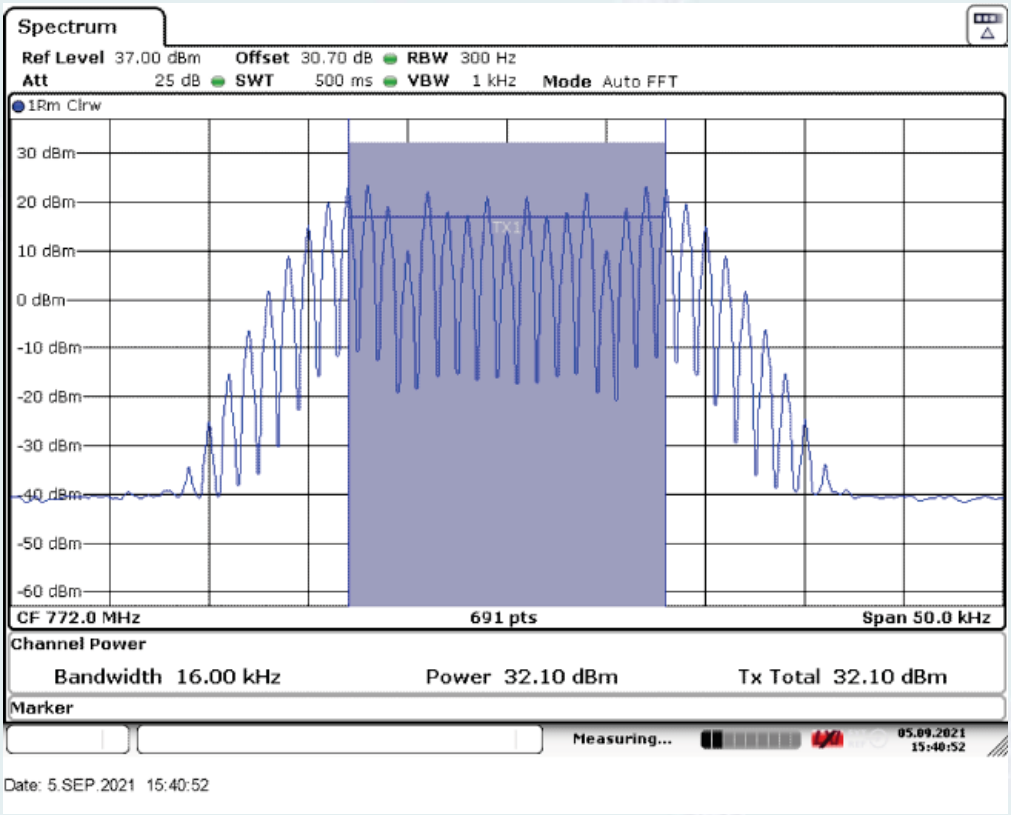
Low Frequency: 769.0125MHz, Output occupied BW(AGC)



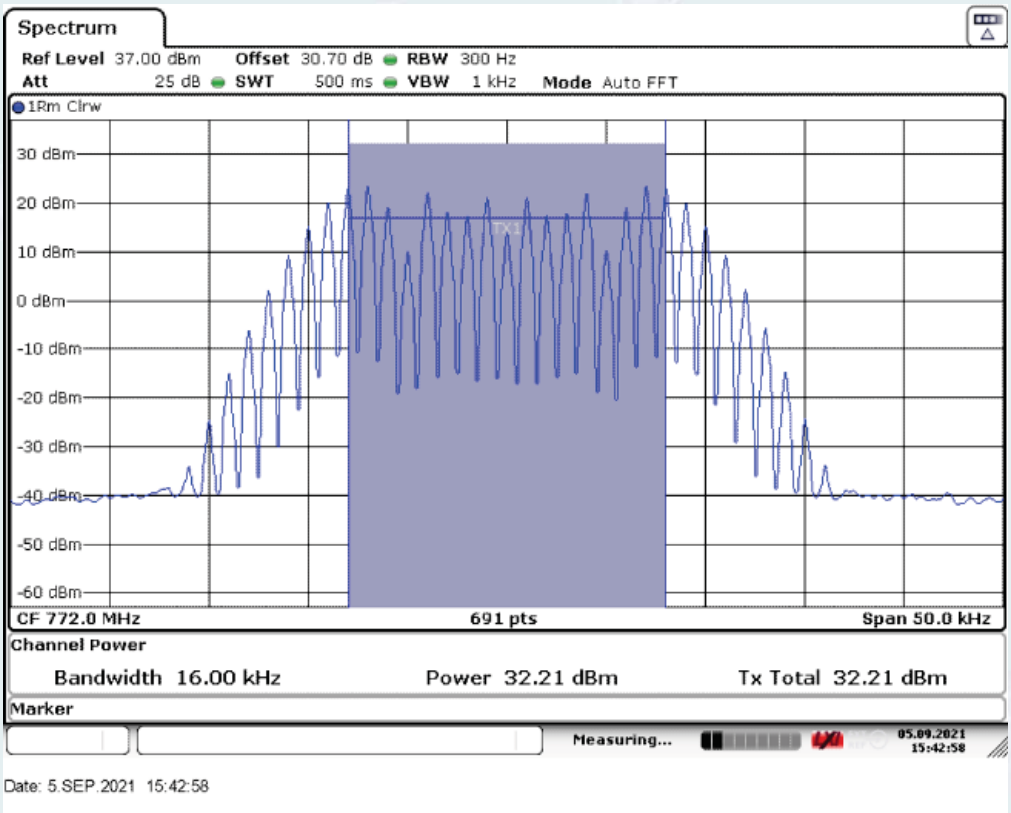
Low Frequency: 769.0125MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)



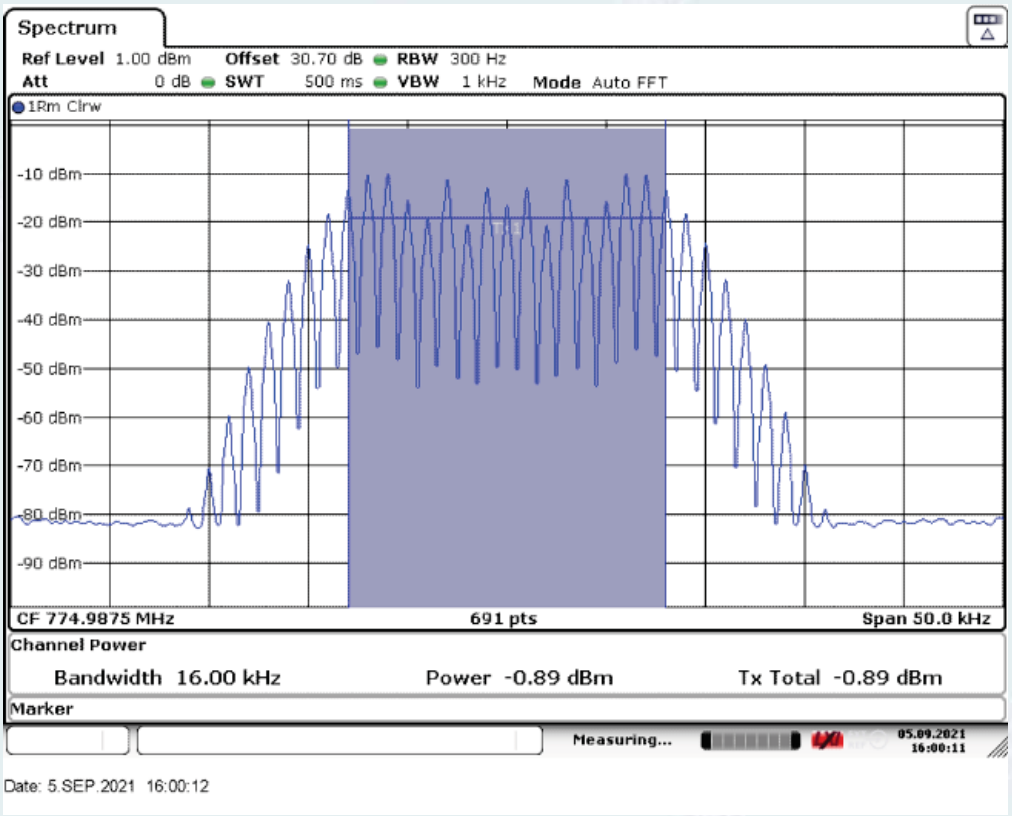
Middle Frequency: 772MHz, Input occupied BW



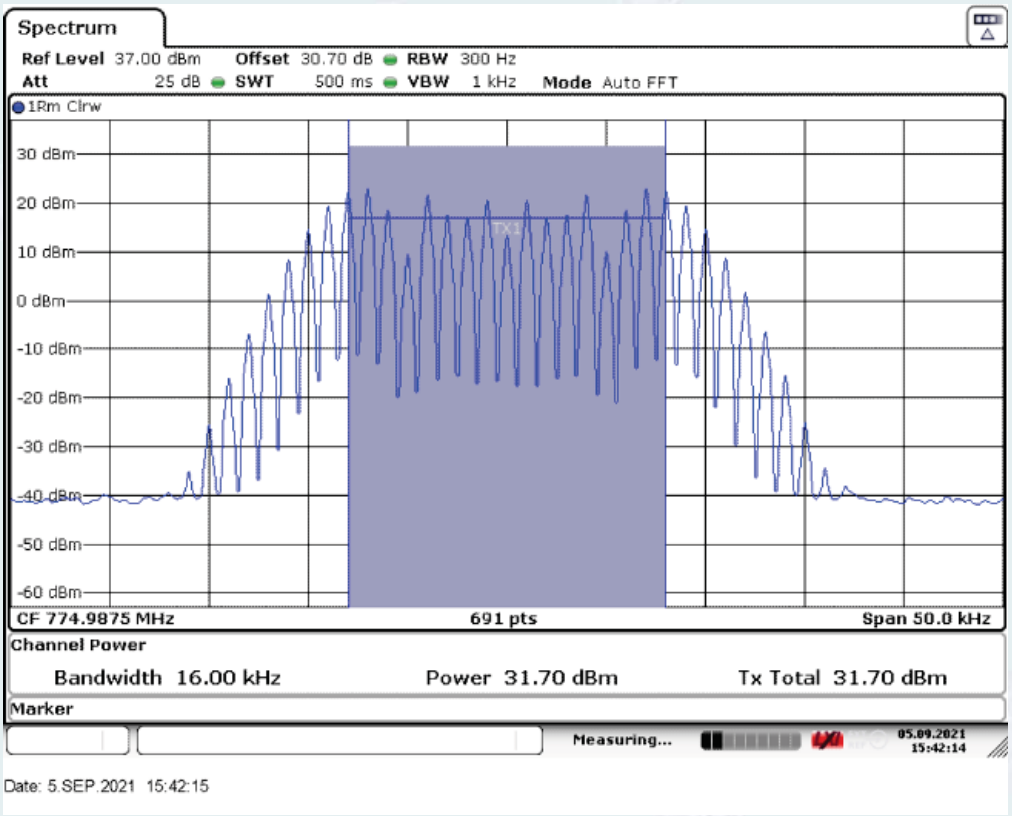
Middle Frequency: 772MHz, Output occupied BW(AGC)



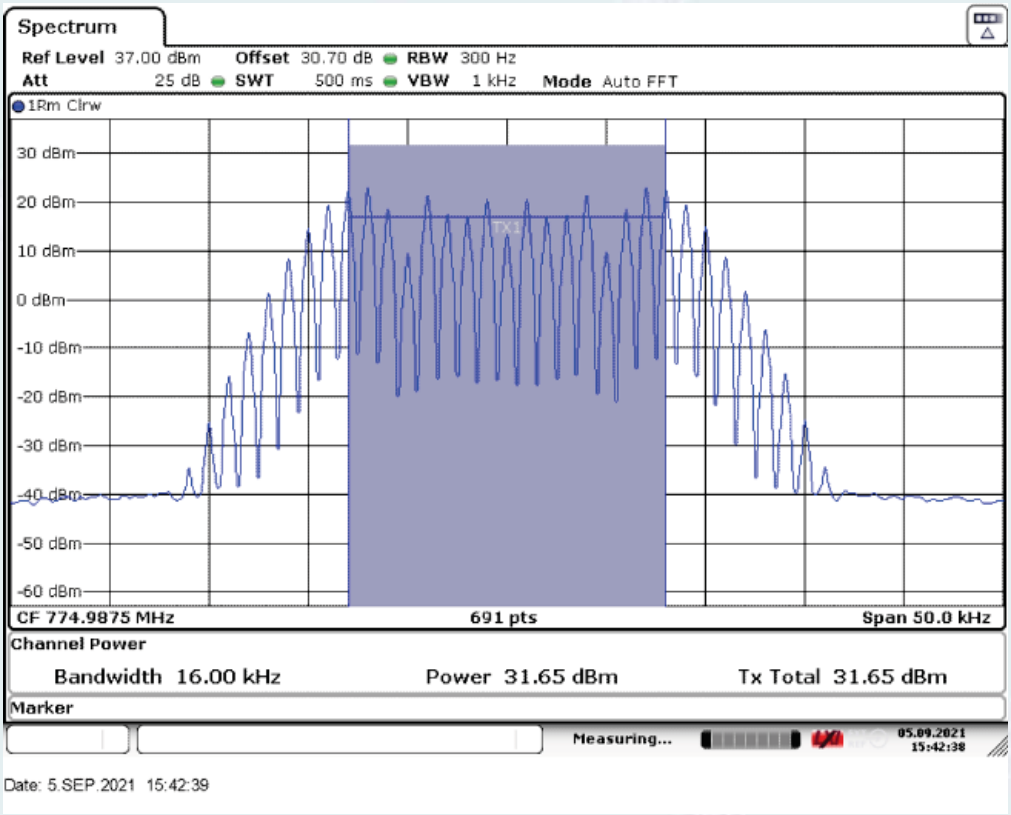
Middle Frequency: 772MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)



High Frequency: 774.9875MHz, Input occupied BW

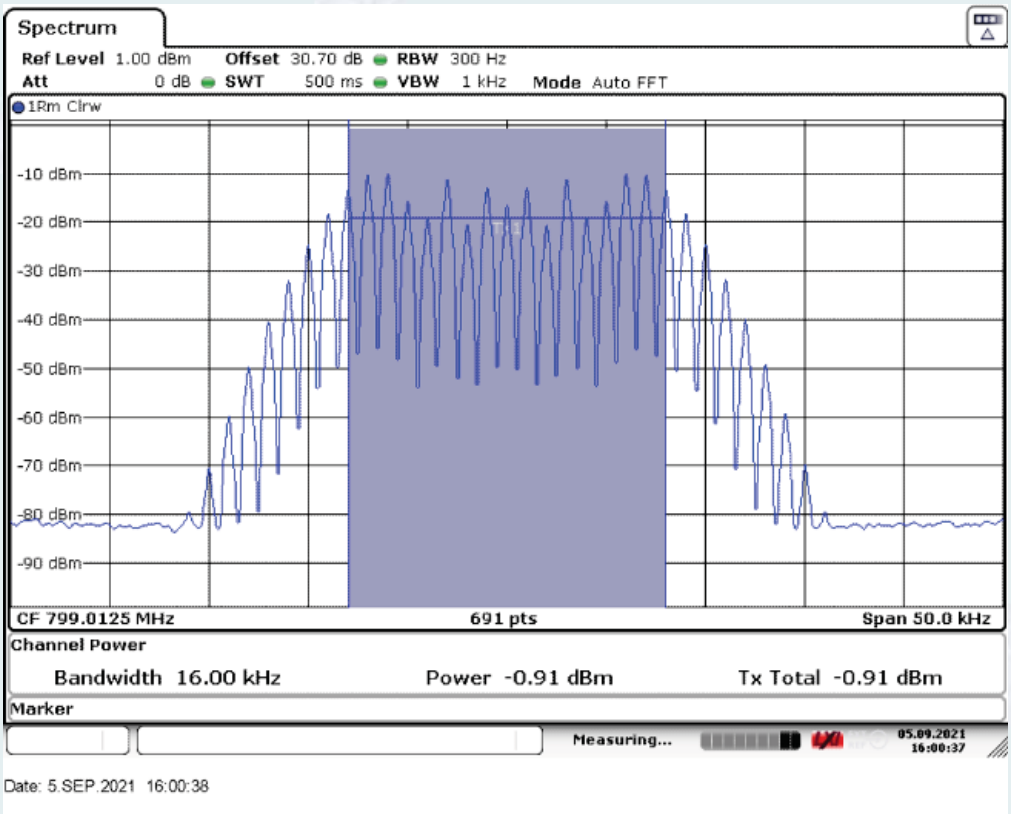


High Frequency: 774.9875MHz, Output occupied BW(AGC)

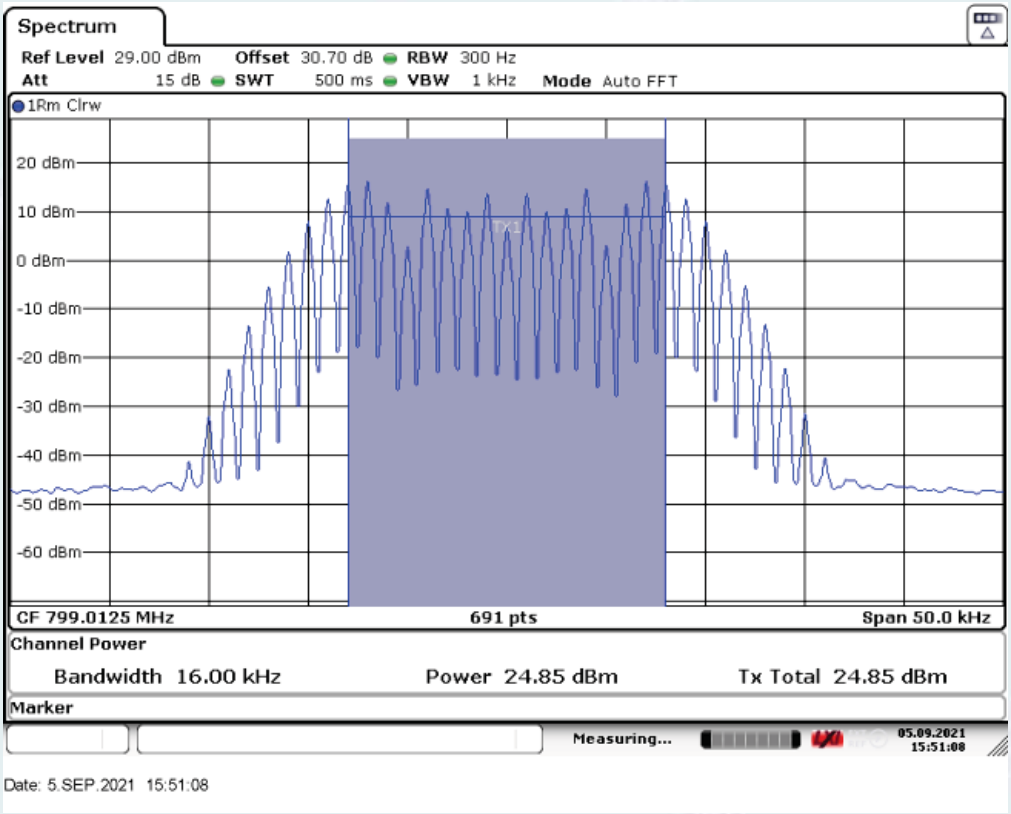


High Frequency: 774.9875MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

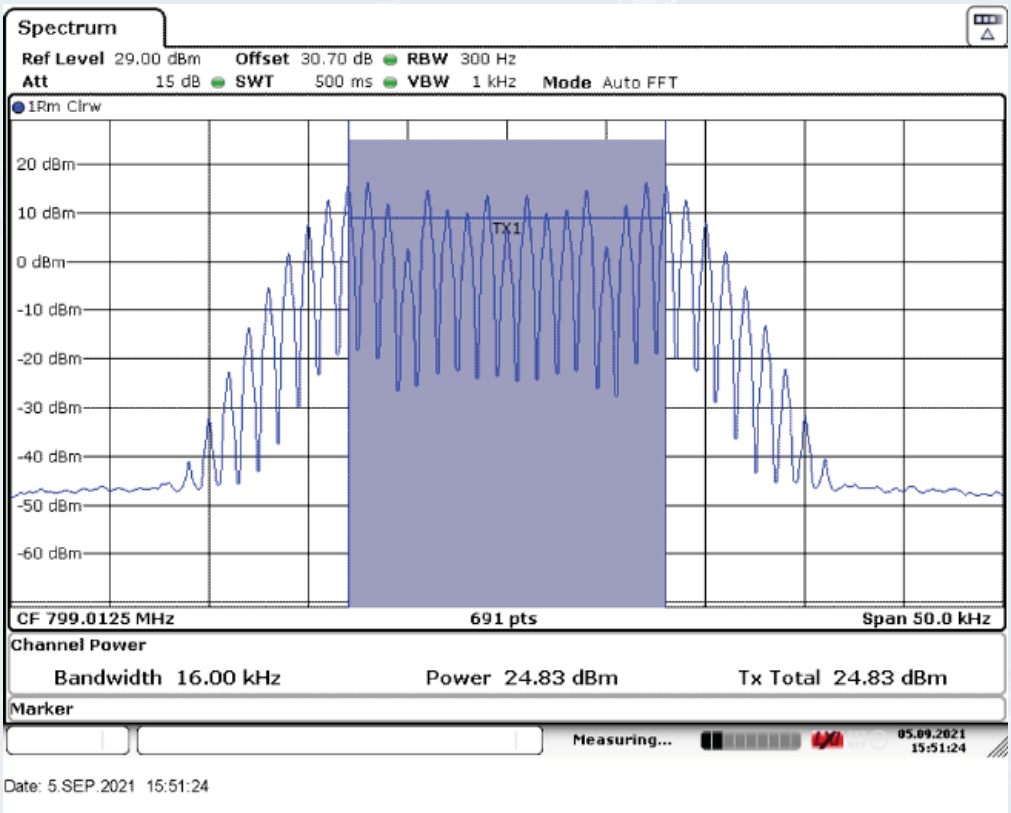
10.5.5.3.1.3.2 Uplink



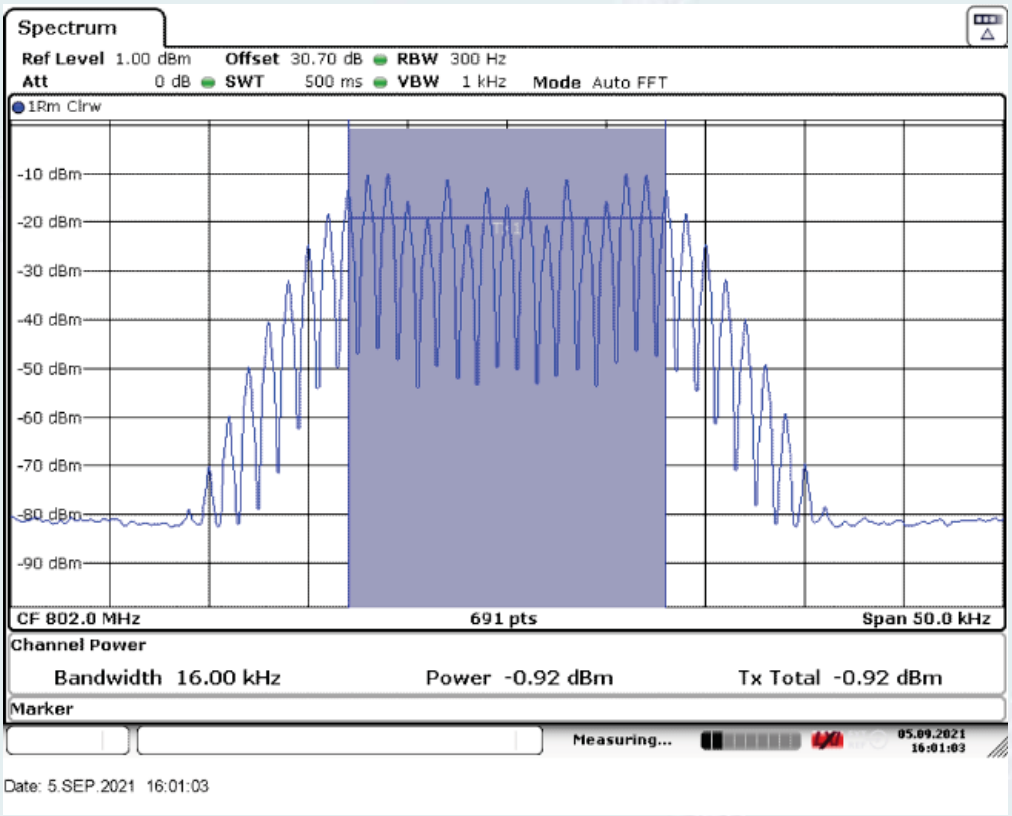
Low Frequency: 799.0125MHz, Input occupied BW



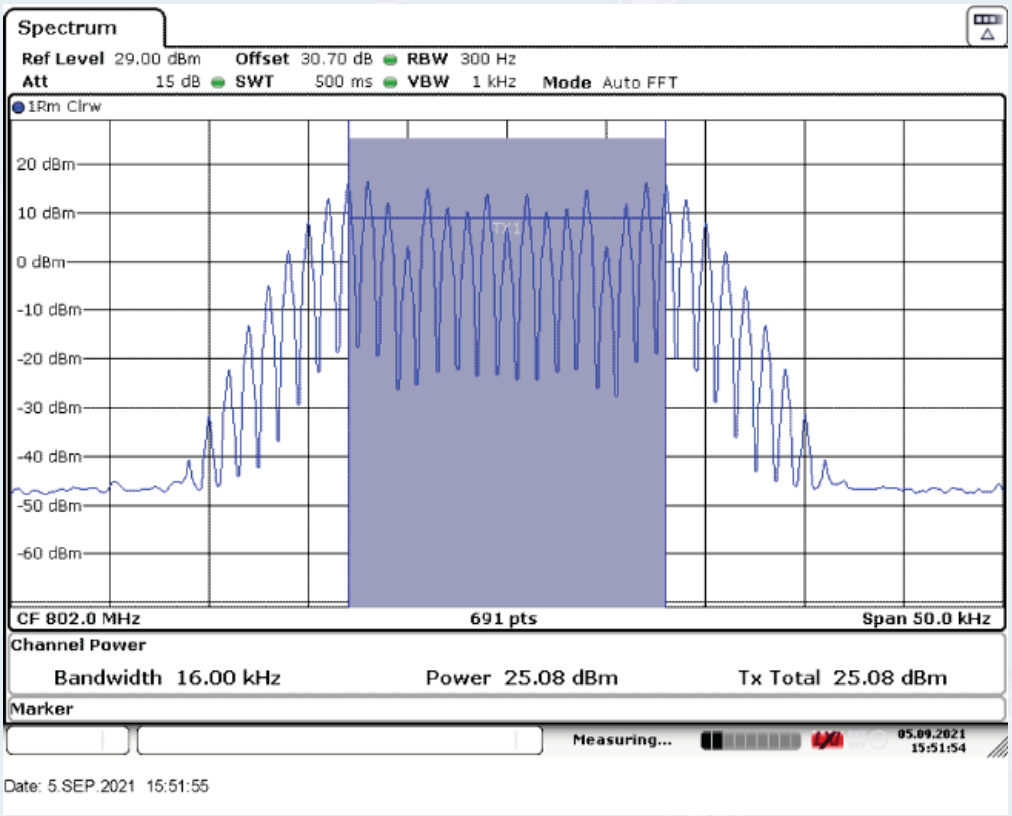
Low Frequency: 799.0125MHz, Output occupied BW(AGC)



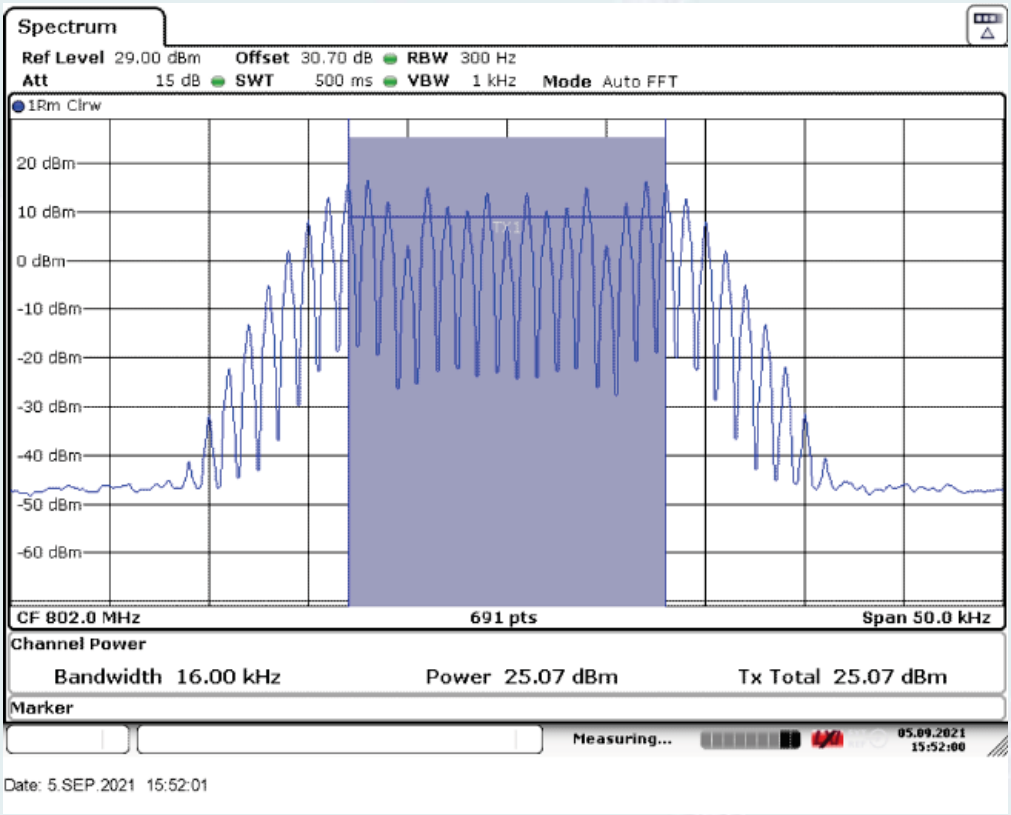
Low Frequency: 799.0125MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)



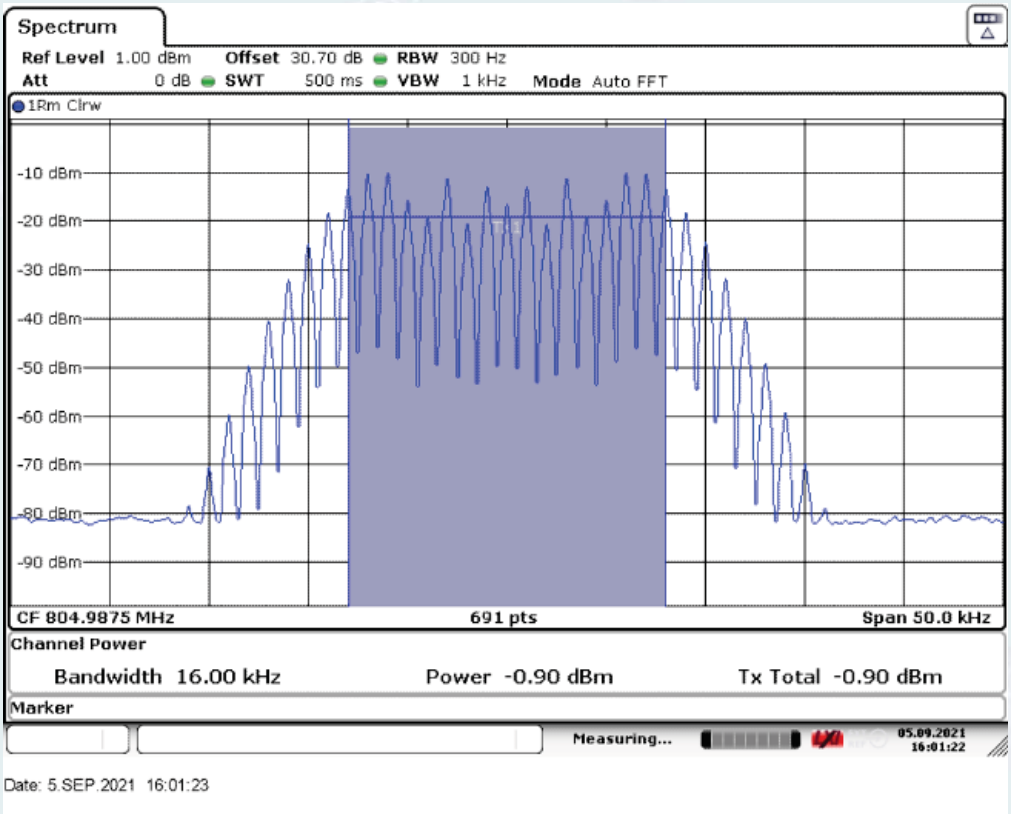
Middle Frequency: 802MHz, Input occupied BW



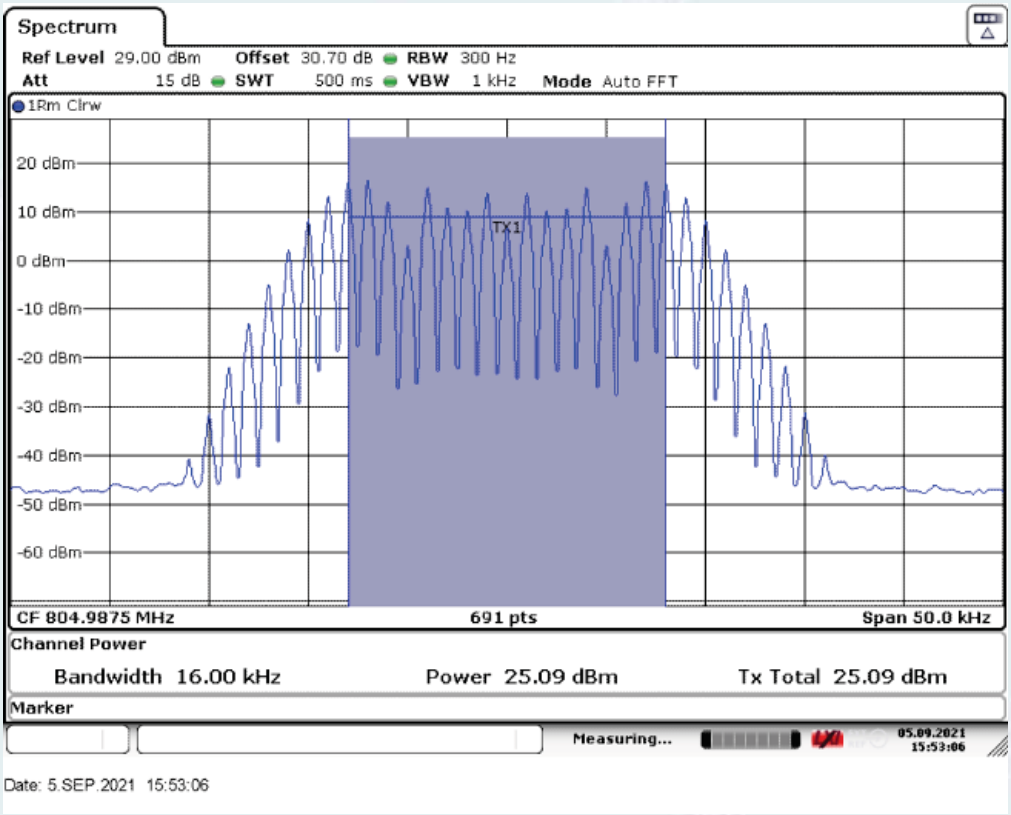
Middle Frequency: 802MHz, Output occupied BW(AGC)



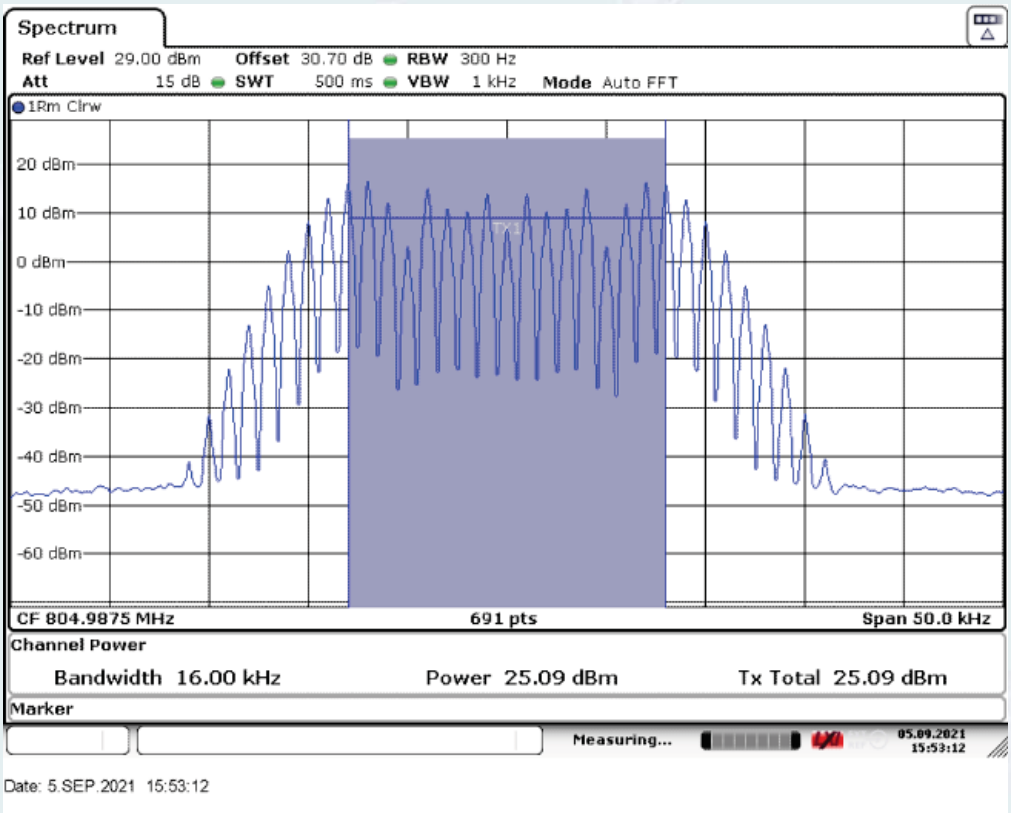
Middle Frequency: 802MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)



High Frequency: 804.9875MHz, Input occupied BW



High Frequency: 804.9875MHz, Output occupied BW(AGC)

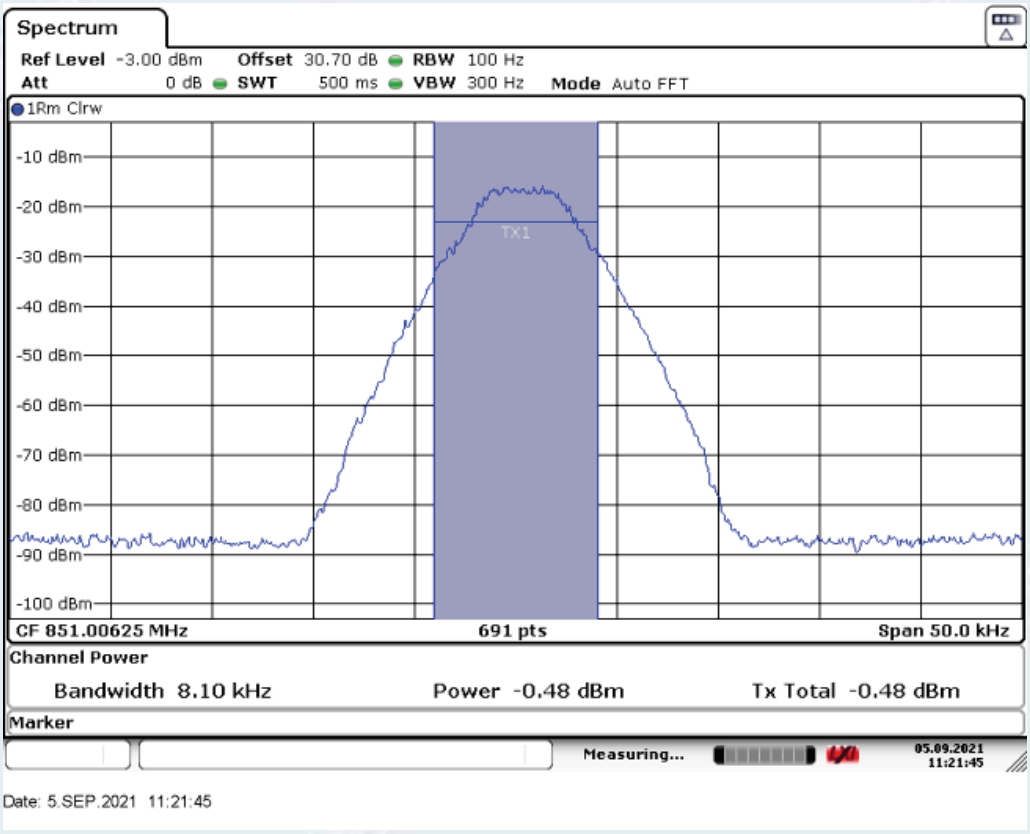


High Frequency: 804.9875MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

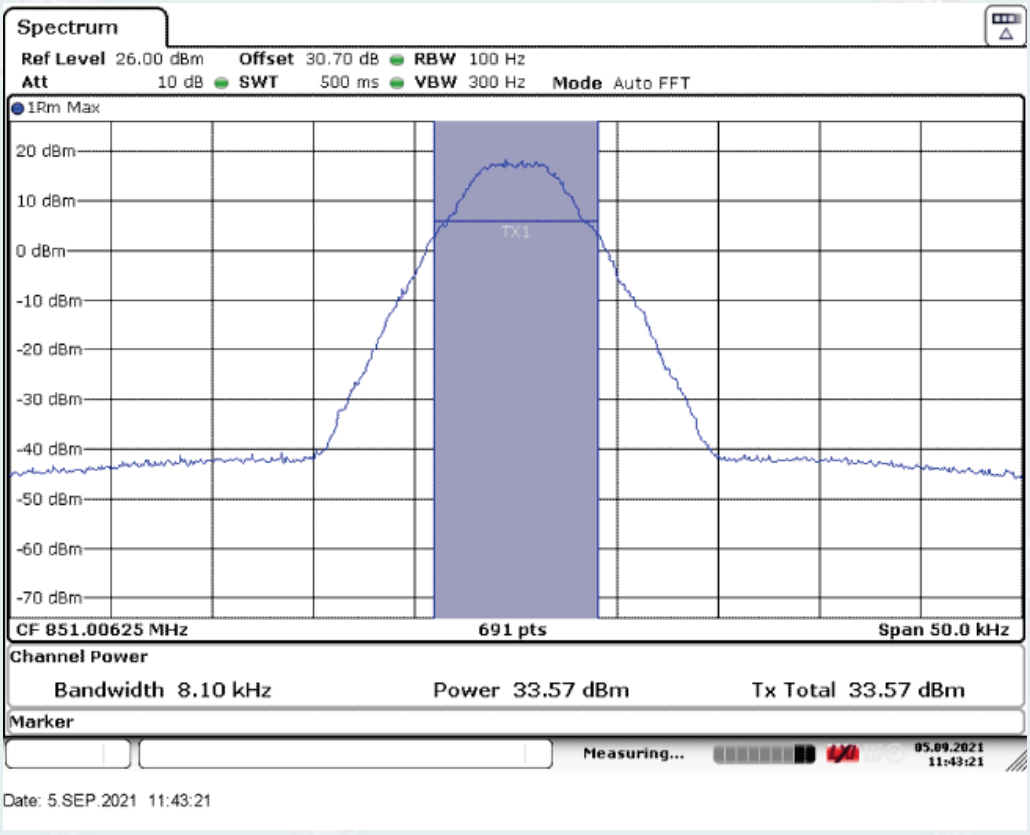
10.5.5.3.2 800MHz Band

10.5.5.3.2.1 P25 Phase I(C4FM) mode

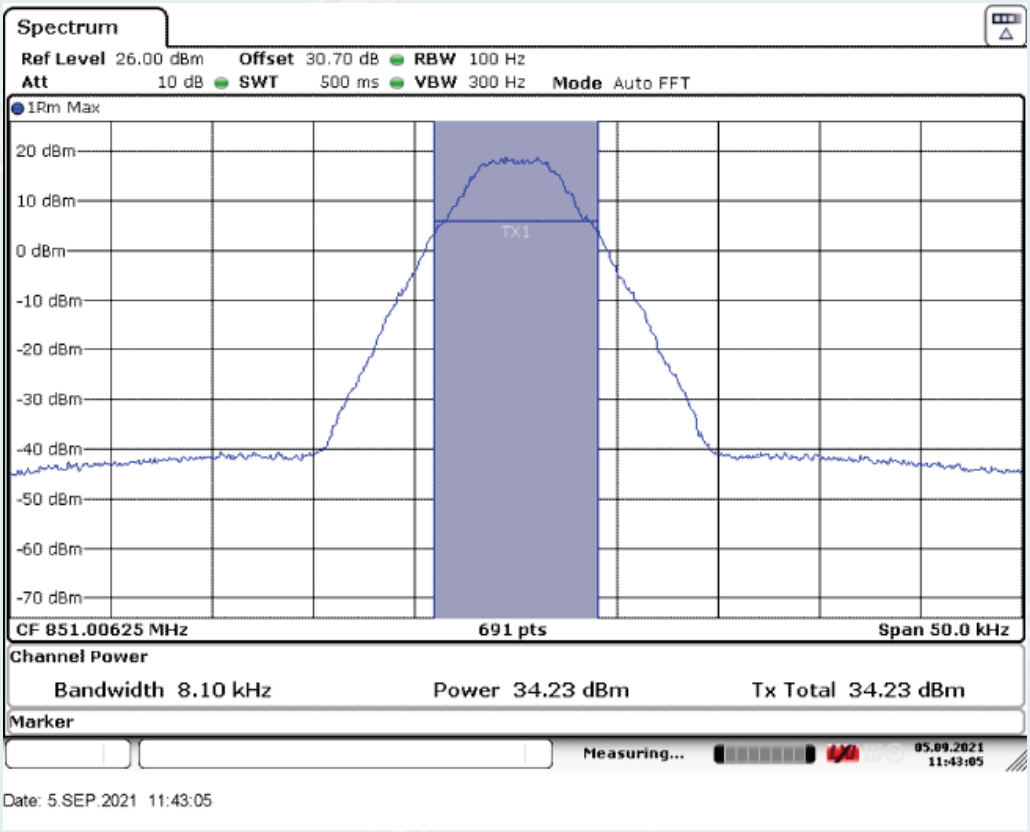
10.5.5.3.2.1.1 Downlink



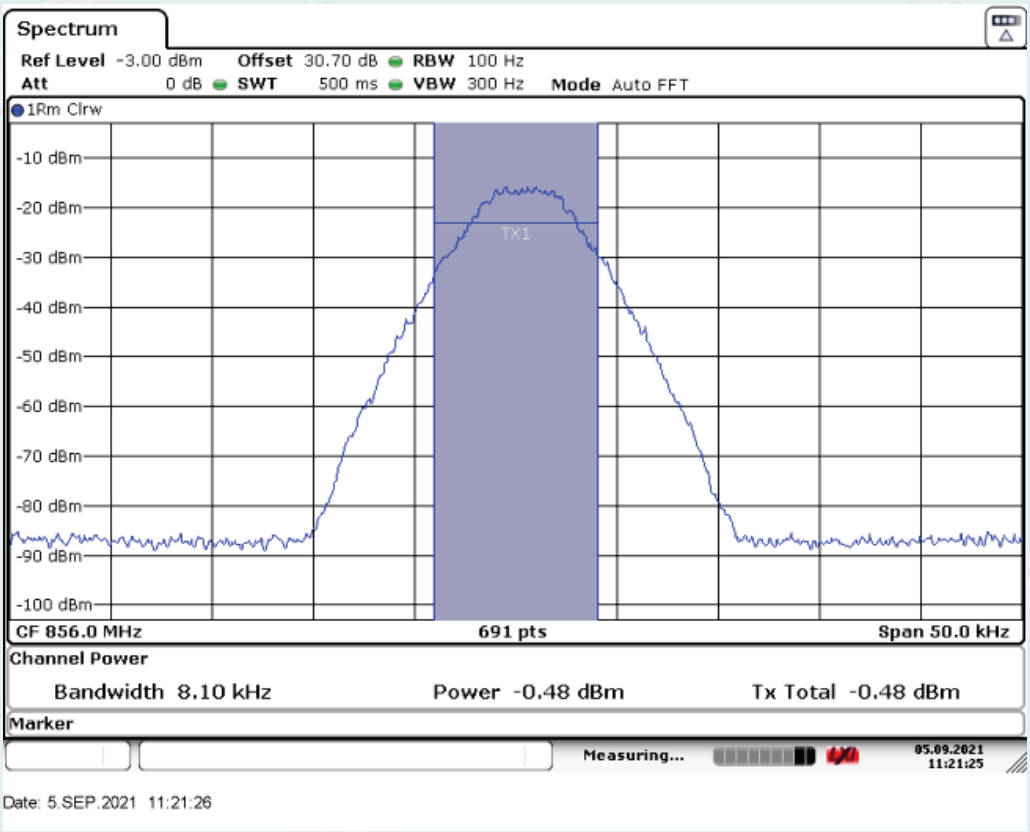
Low Frequency: 851.00625MHz, Input occupied BW



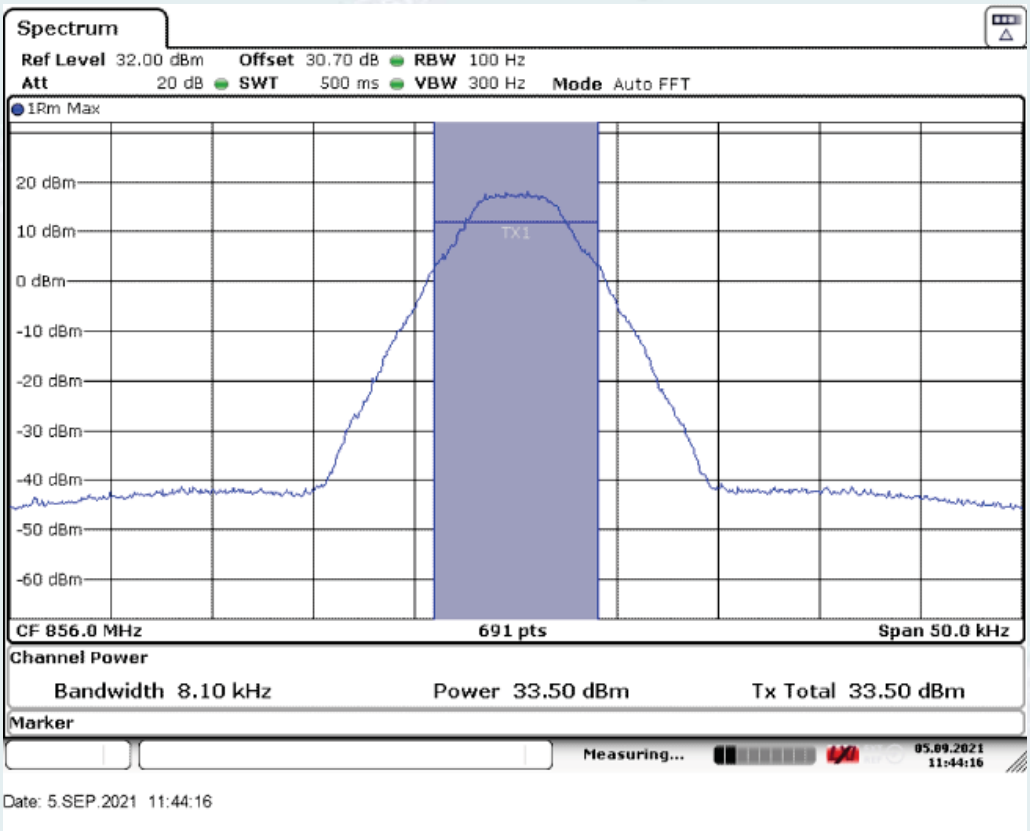
Low Frequency: 851.00625MHz, Output occupied BW(AGC)



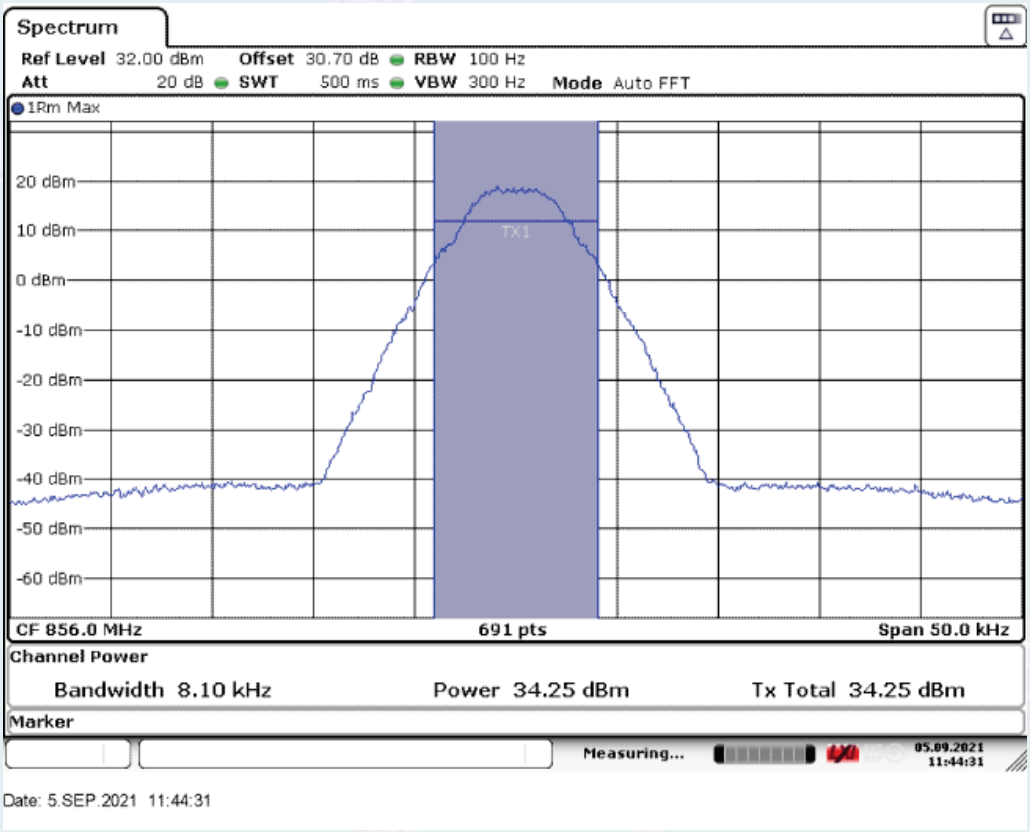
Low Frequency: 851.00625MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)



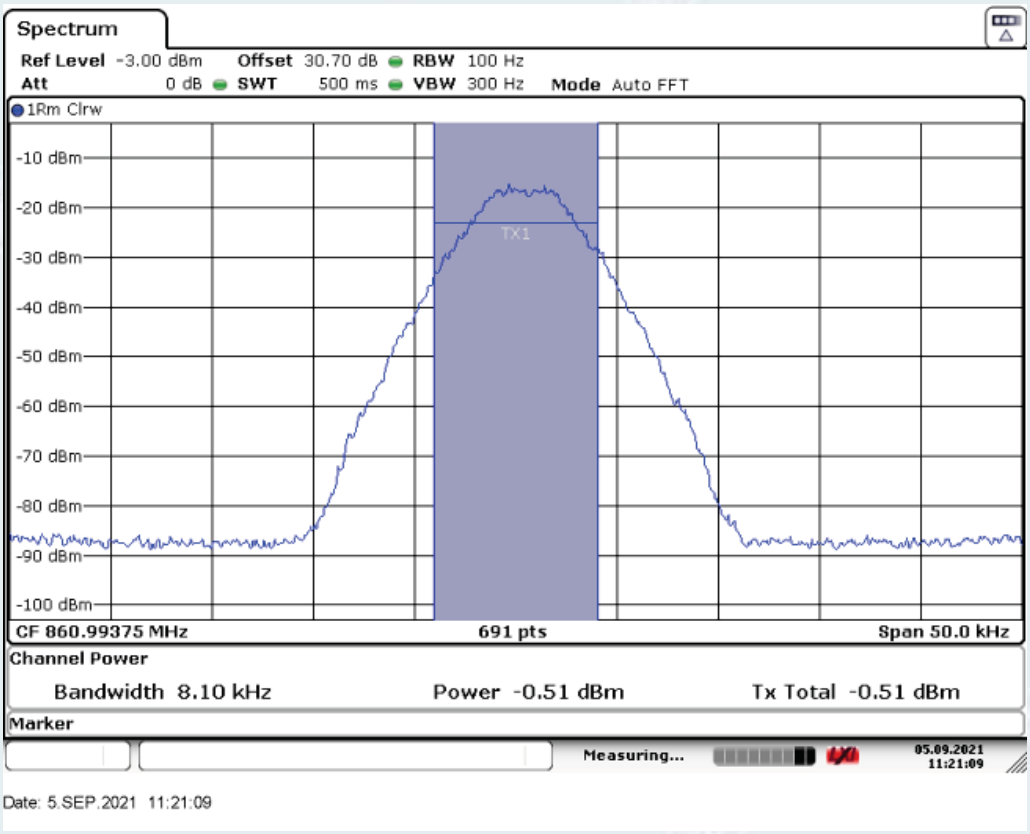
Middle Frequency: 856.0MHz, Input occupied BW



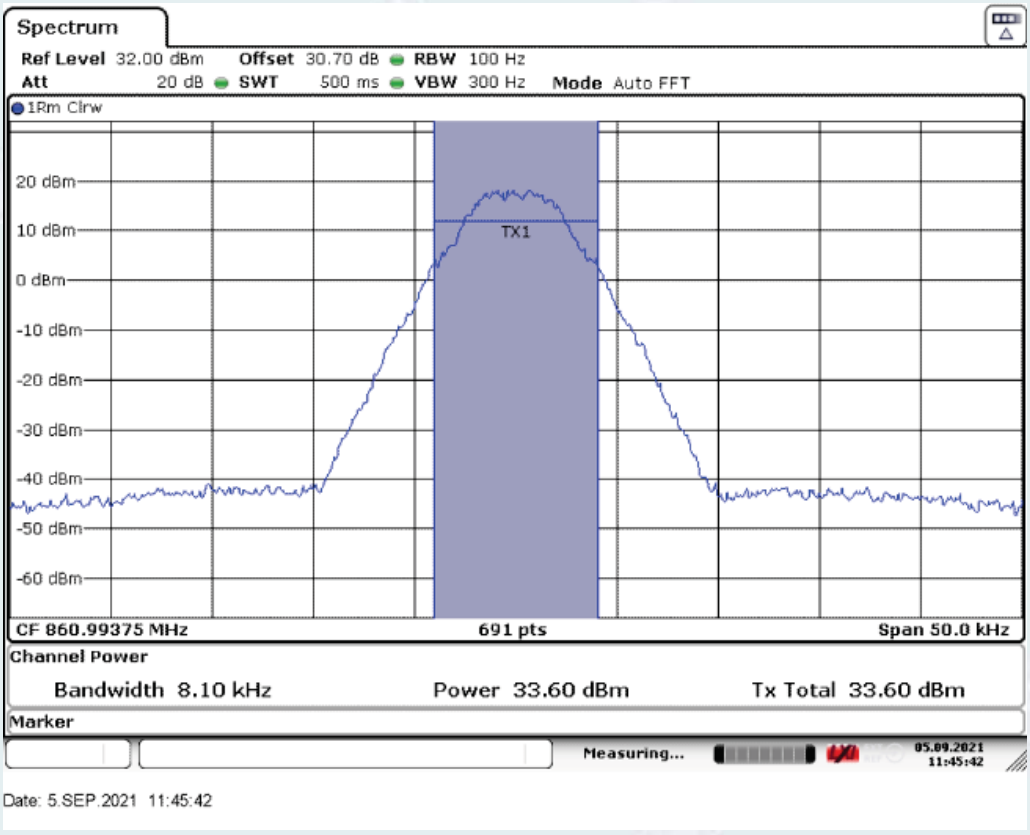
Middle Frequency: 856.0MHz, Output occupied BW(AGC)



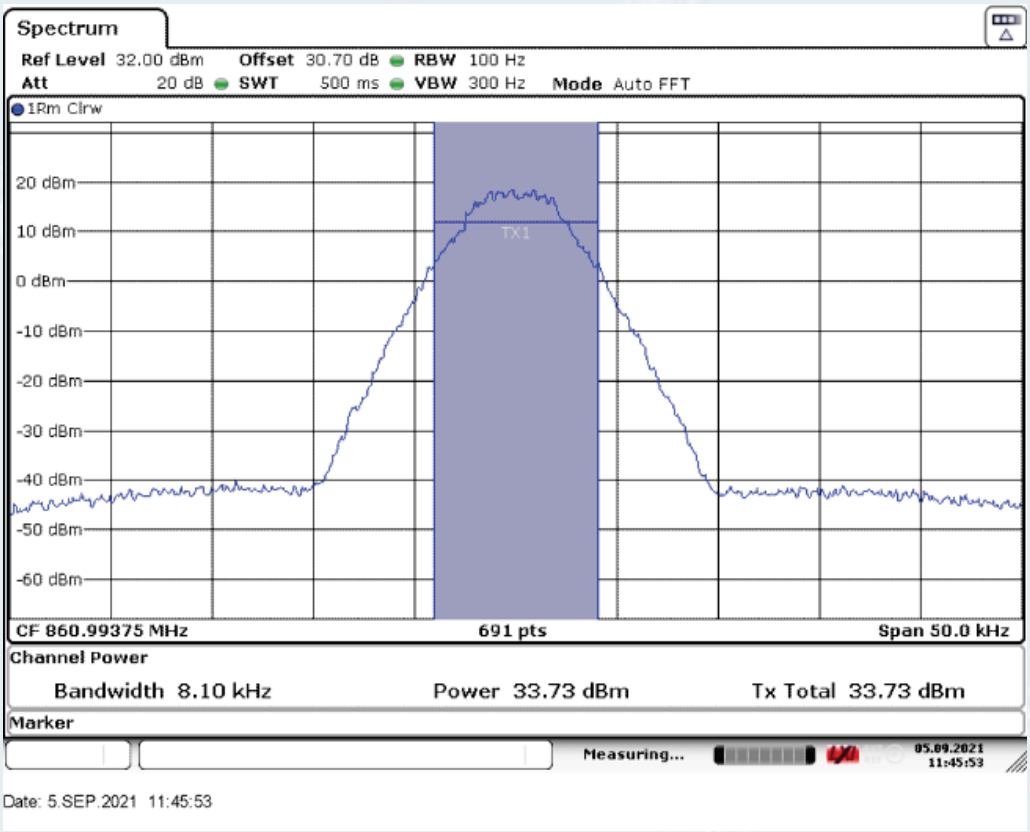
Middle Frequency: 856.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)



High Frequency: 860.99375MHz, Input occupied BW

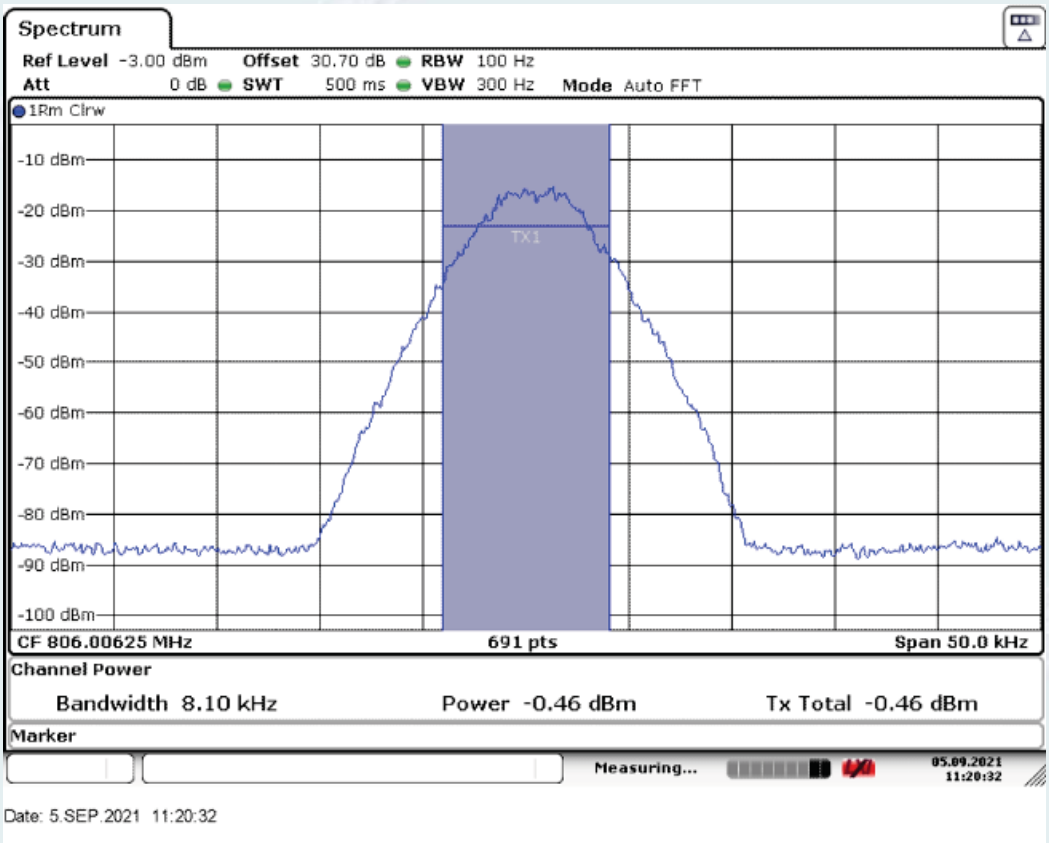


High Frequency: 860.99375MHz, Output occupied BW(AGC)

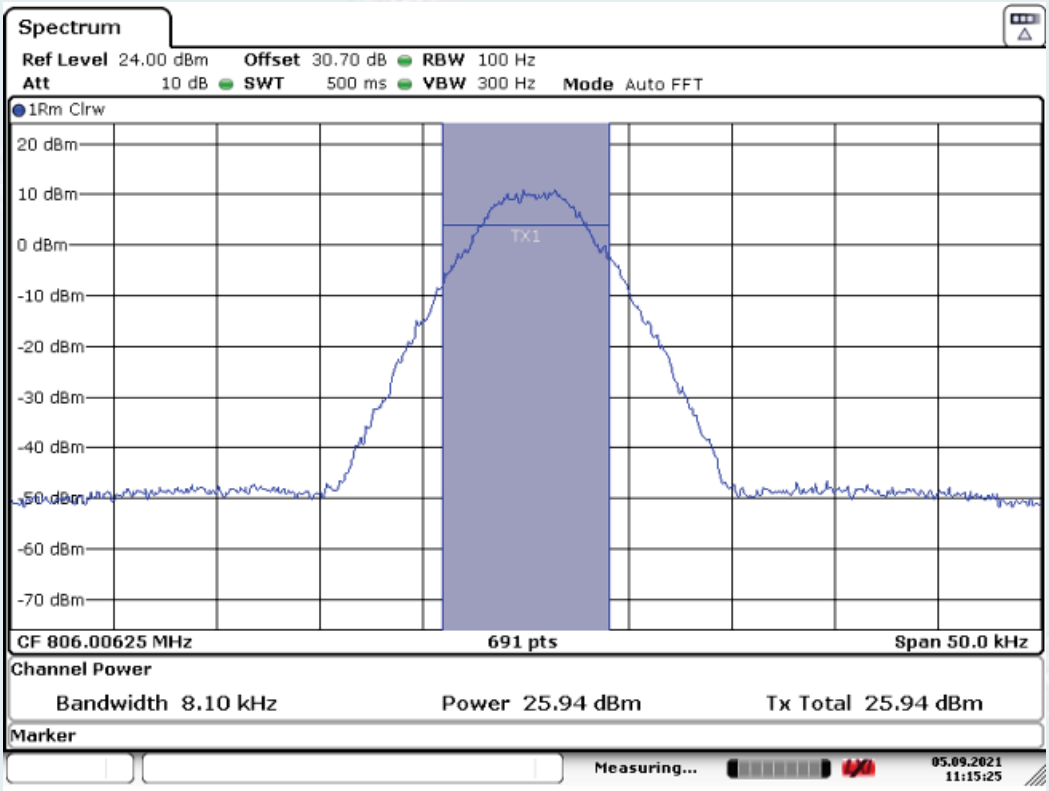


High Frequency: 860.99375MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

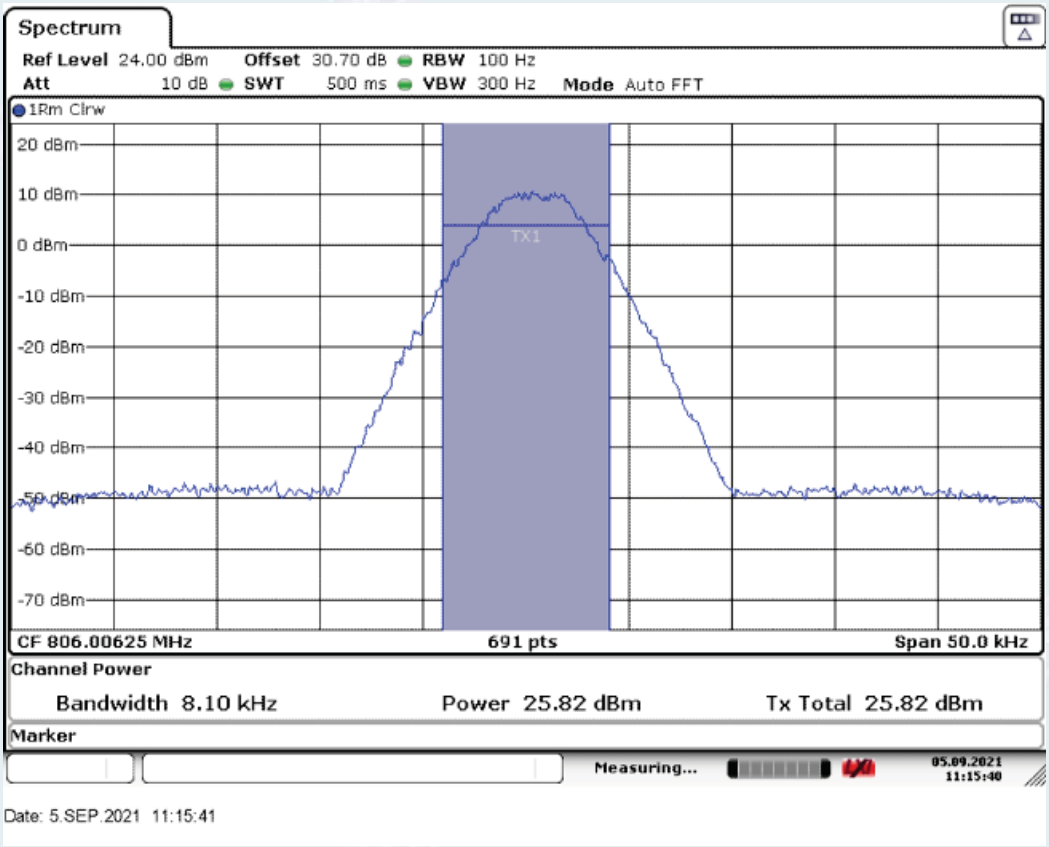
10.5.5.3.2.1.2 Uplink



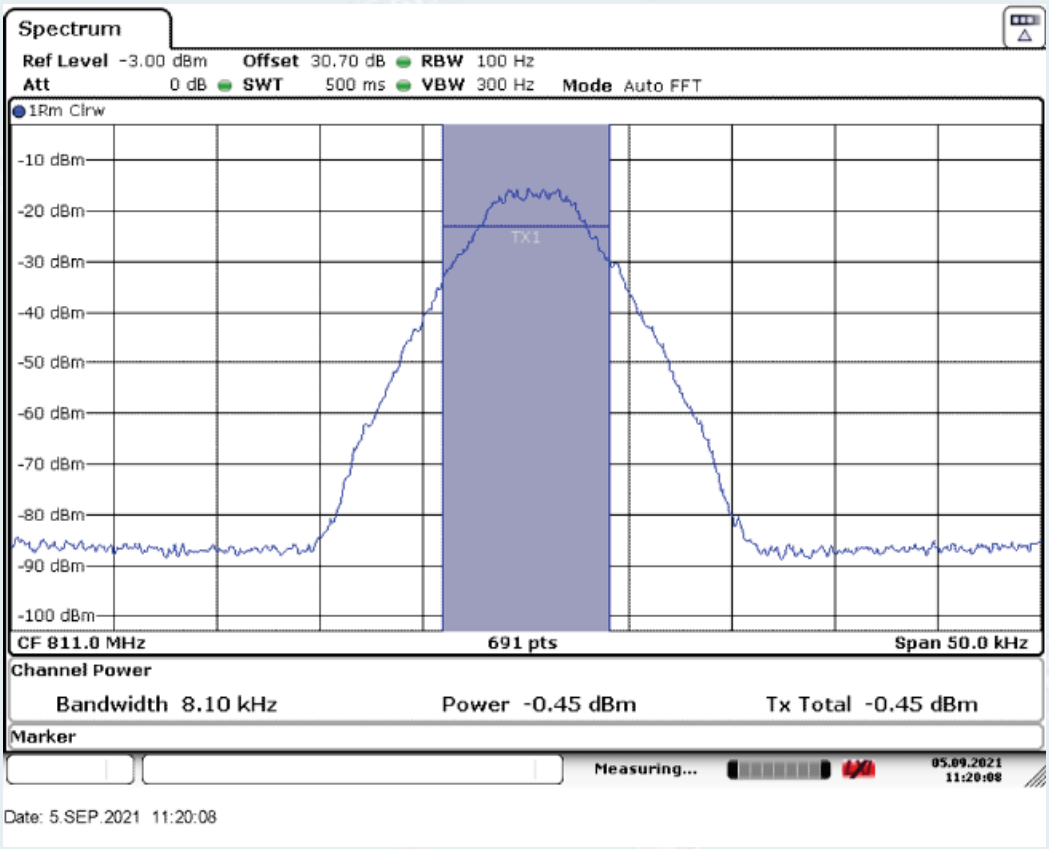
Low Frequency: 806.00625MHz, Input occupied BW



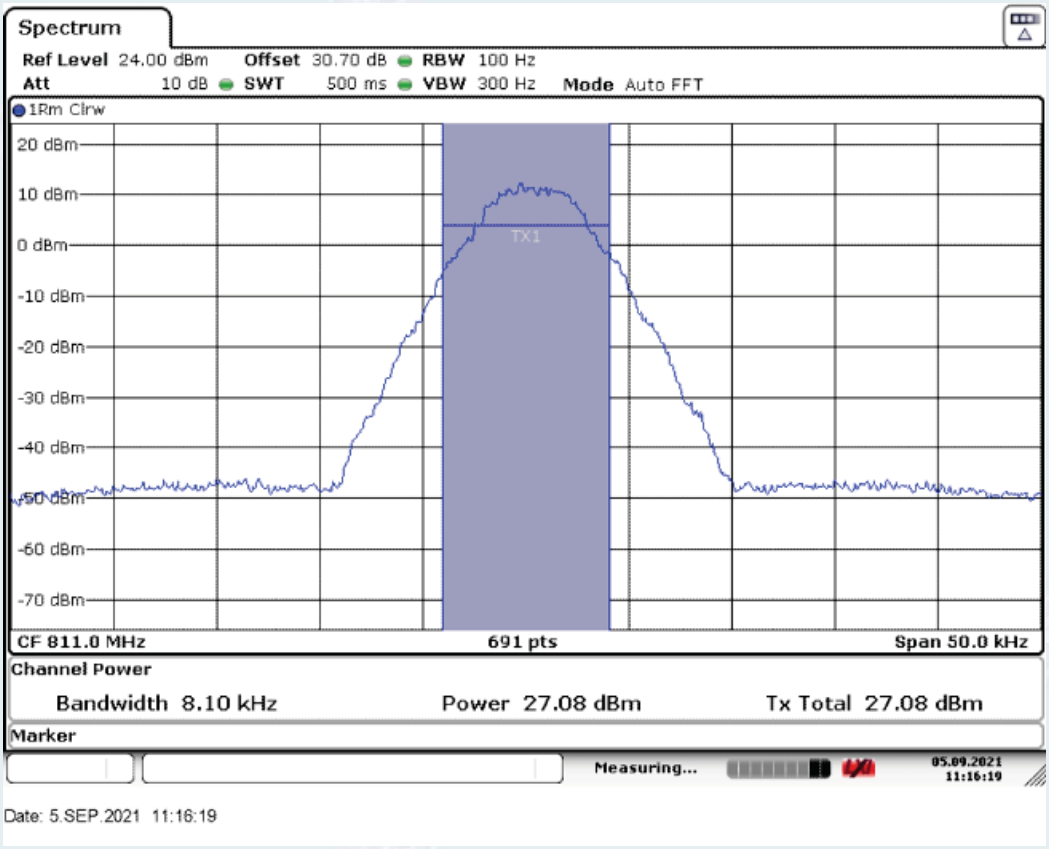
Low Frequency: 806.00625MHz, Output occupied BW(AGC)



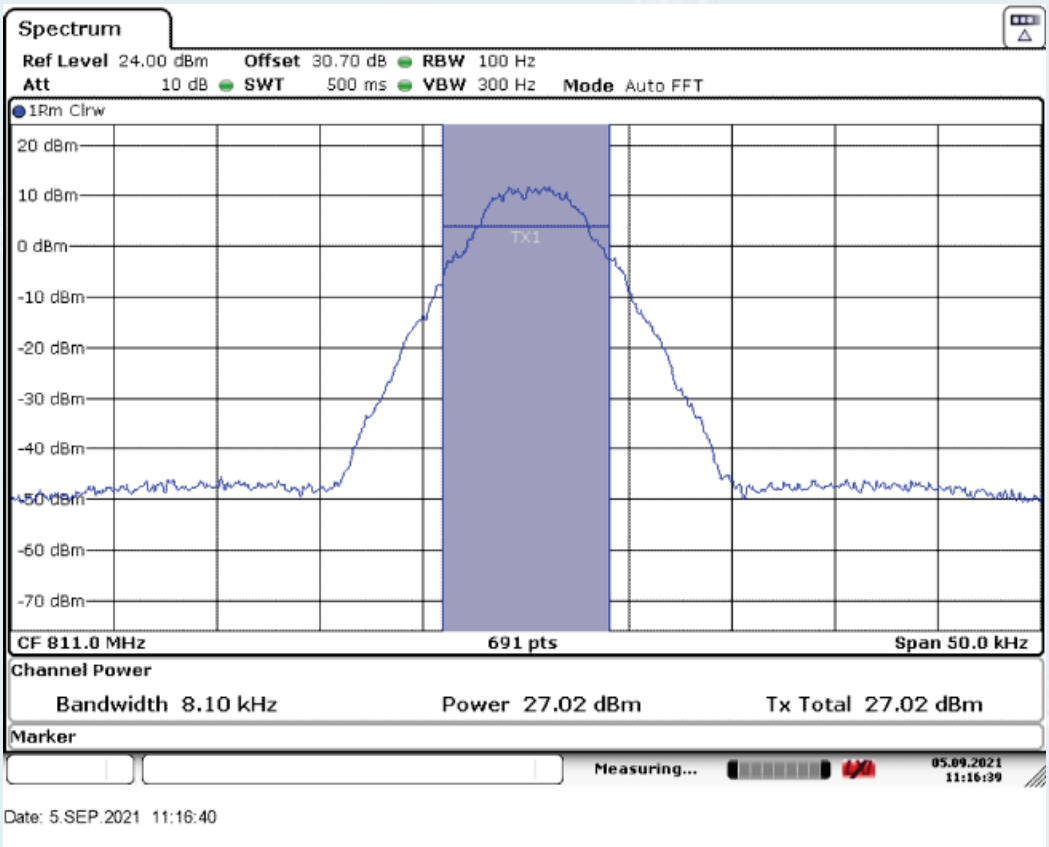
Low Frequency: 806.00625MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)



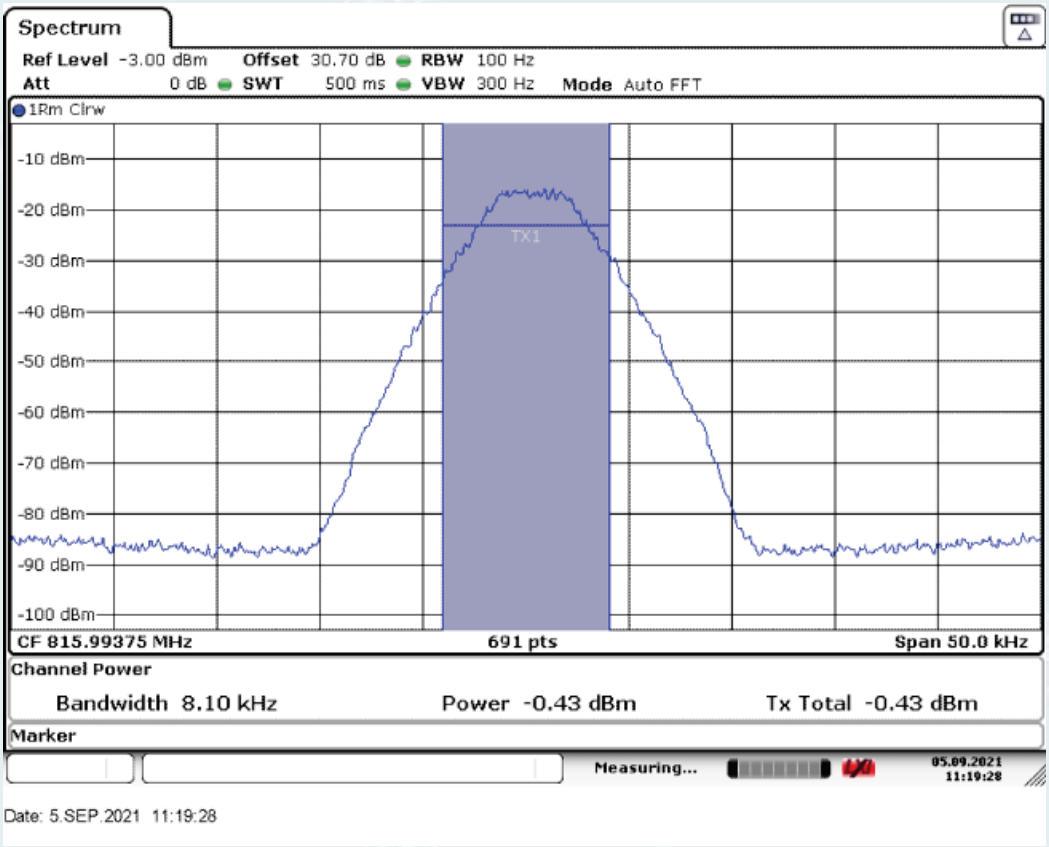
Middle Frequency: 811.0MHz, Input occupied BW



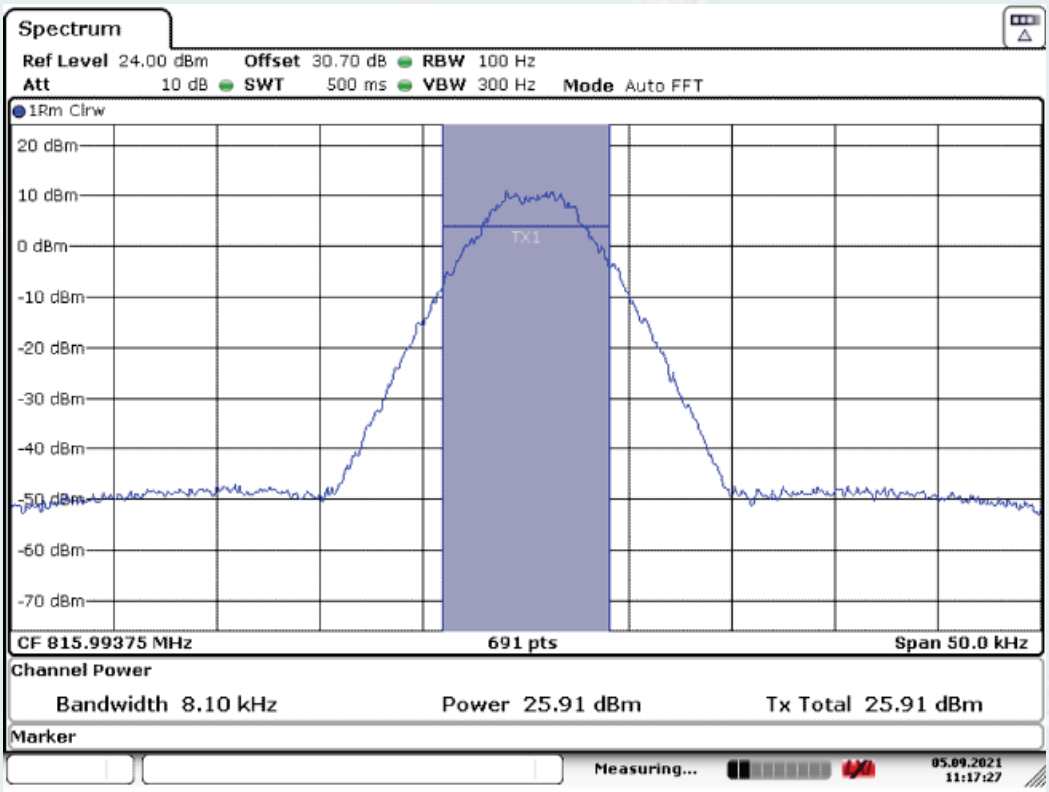
Middle Frequency: 811.0MHz, Output occupied BW(AGC)



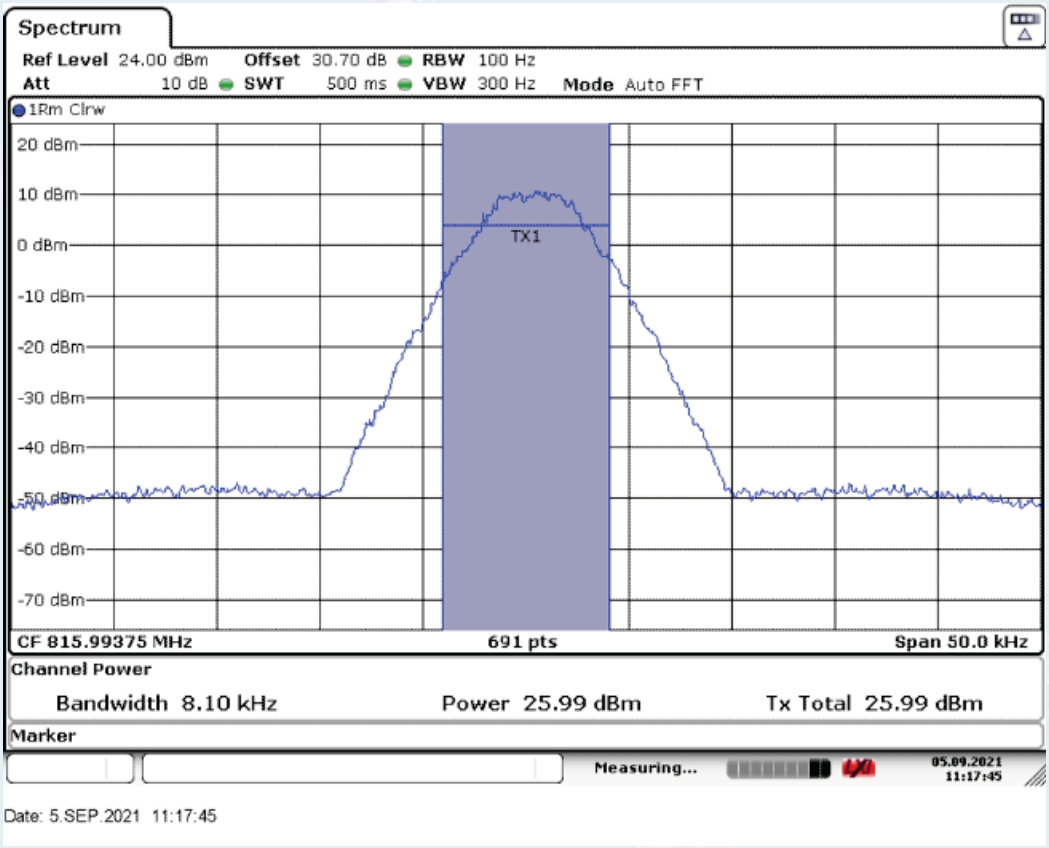
Middle Frequency: 811.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)



High Frequency: 815.99375MHz, Input occupied BW



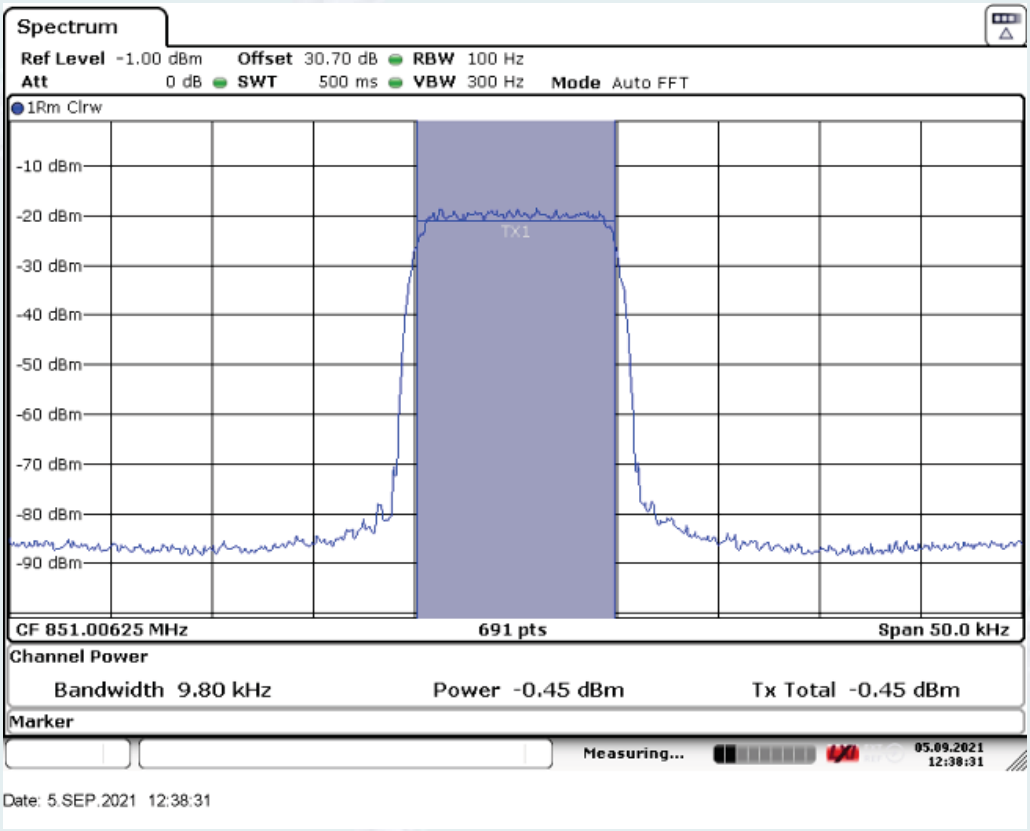
High Frequency: 815.99375MHz, Output occupied BW(AGC)



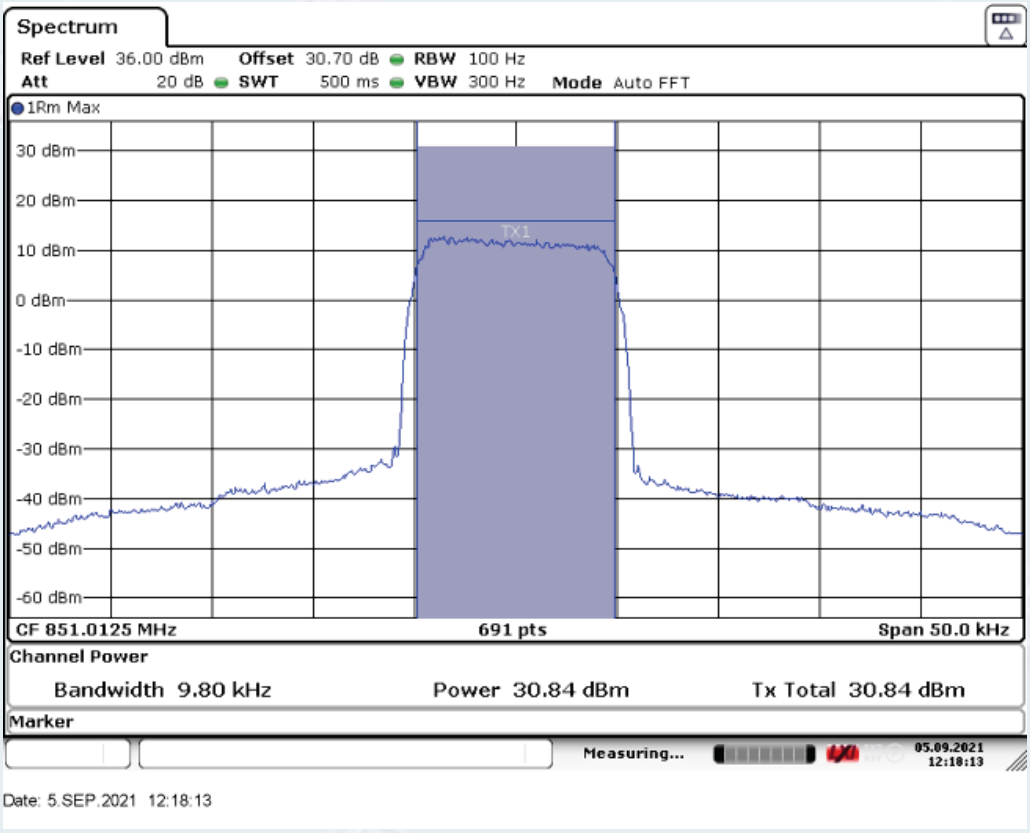
High Frequency: 815.99375MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

10.5.5.3.2.2 P25 Phase II(H-DQPSK) mode

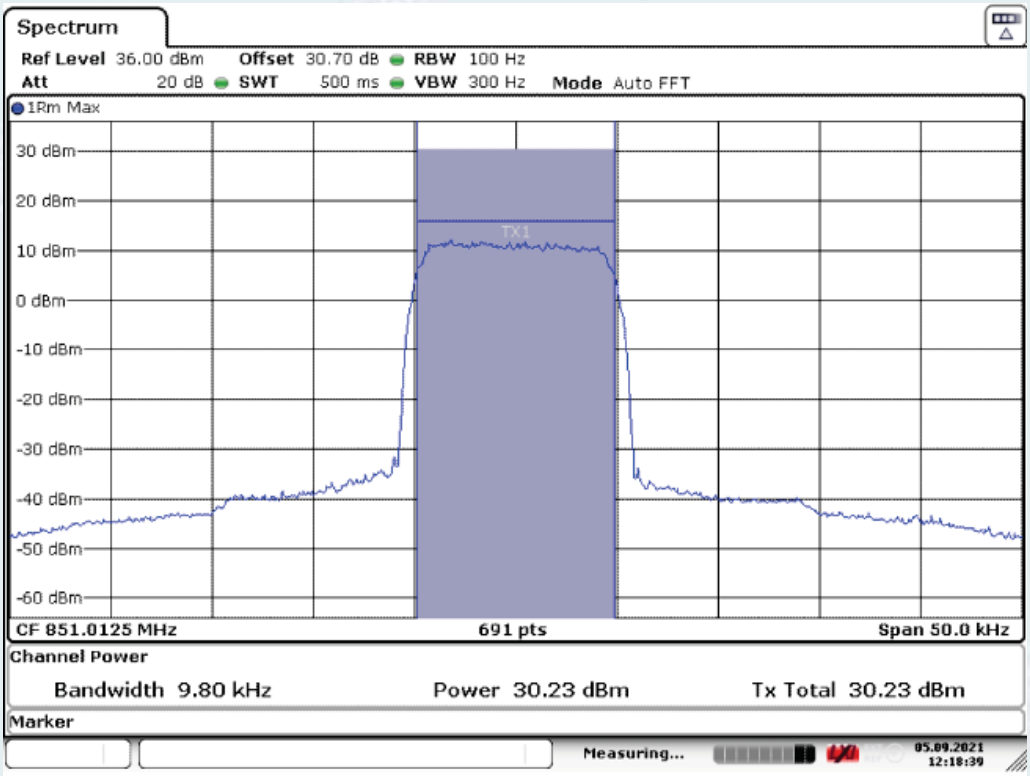
10.5.5.3.2.2.1 Downlink



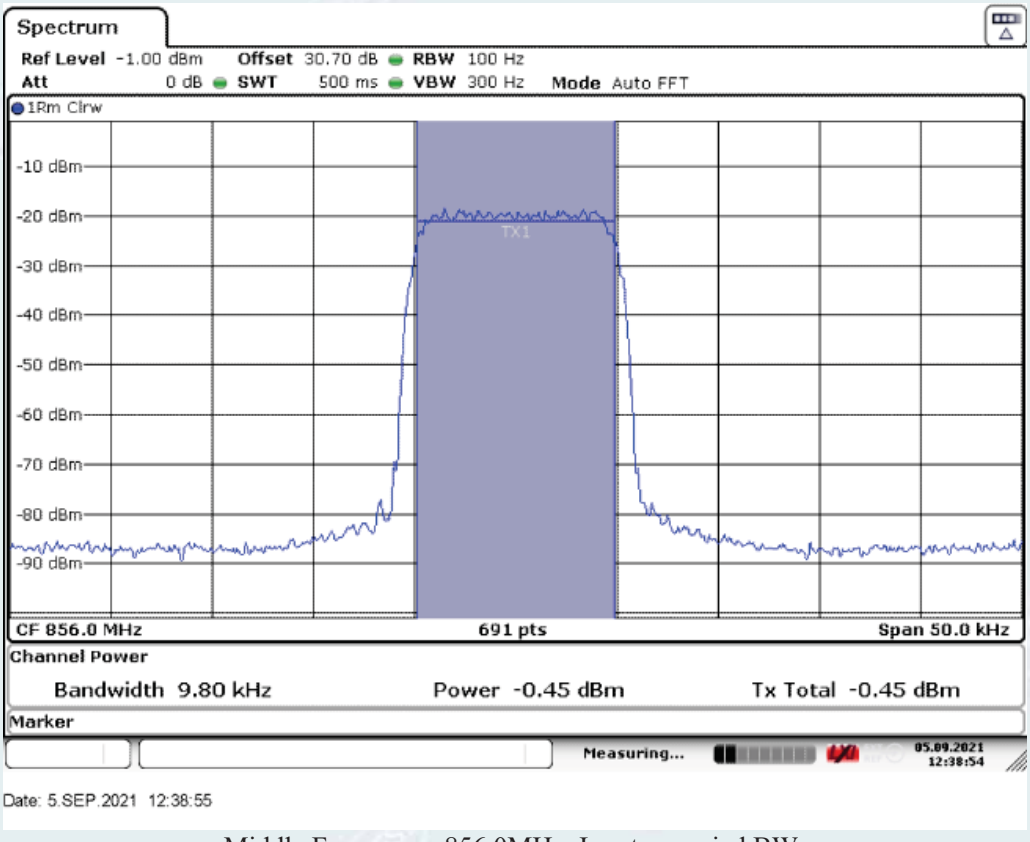
Low Frequency: 851.00625MHz, Input occupied BW



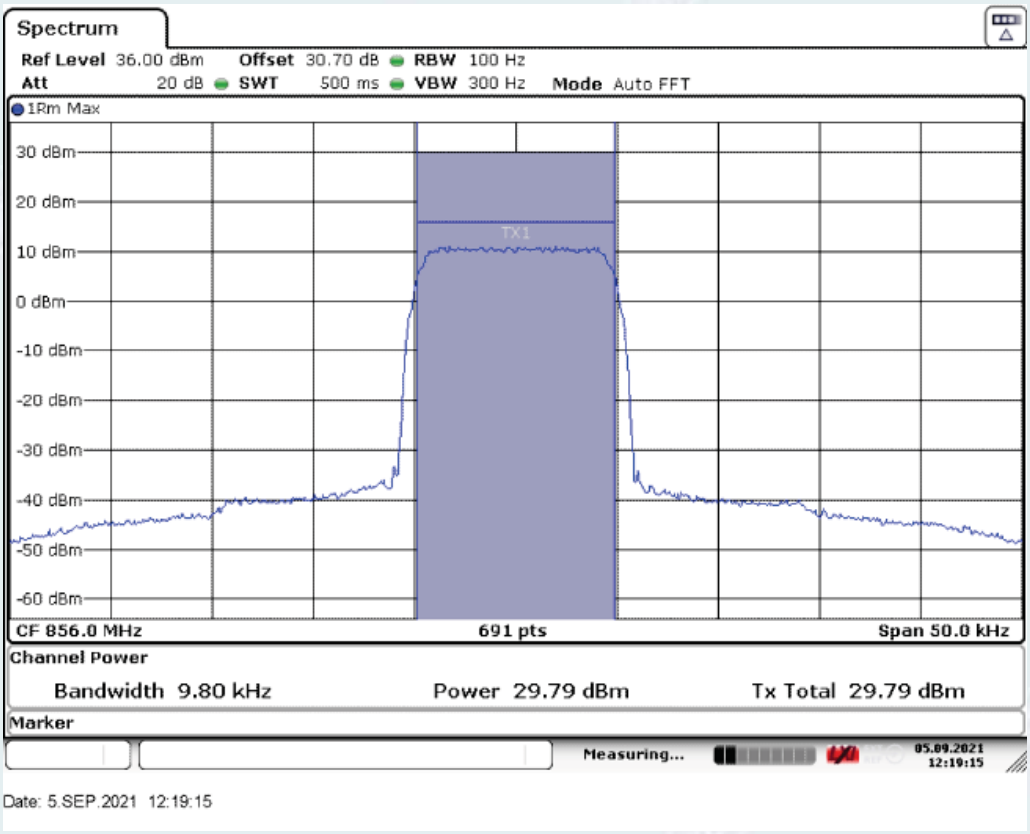
Low Frequency: 851.00625MHz, Output occupied BW(AGC)



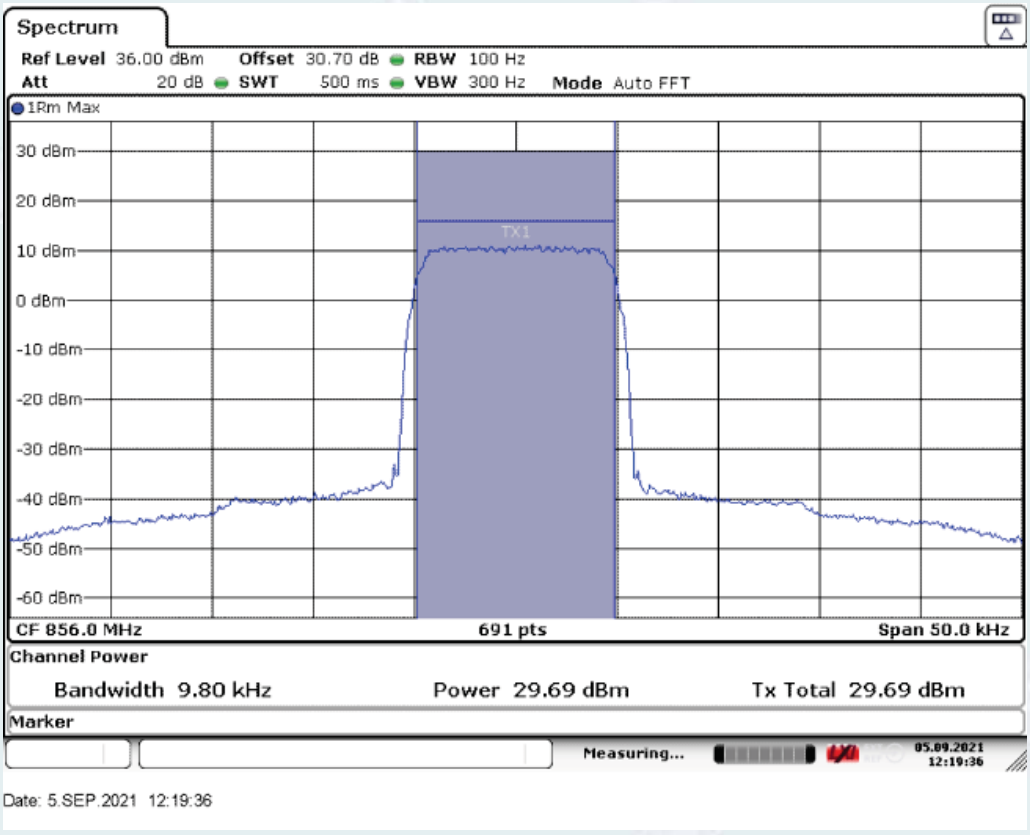
Low Frequency: 851.00625MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)



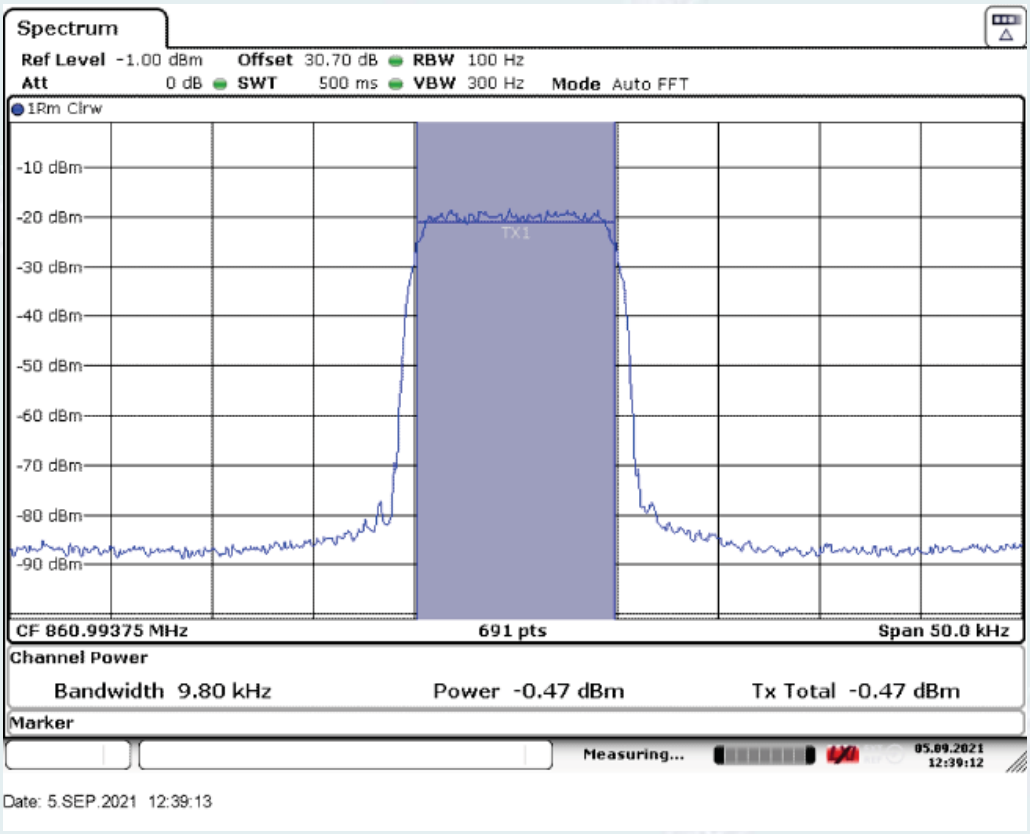
Middle Frequency: 856.0MHz, Input occupied BW



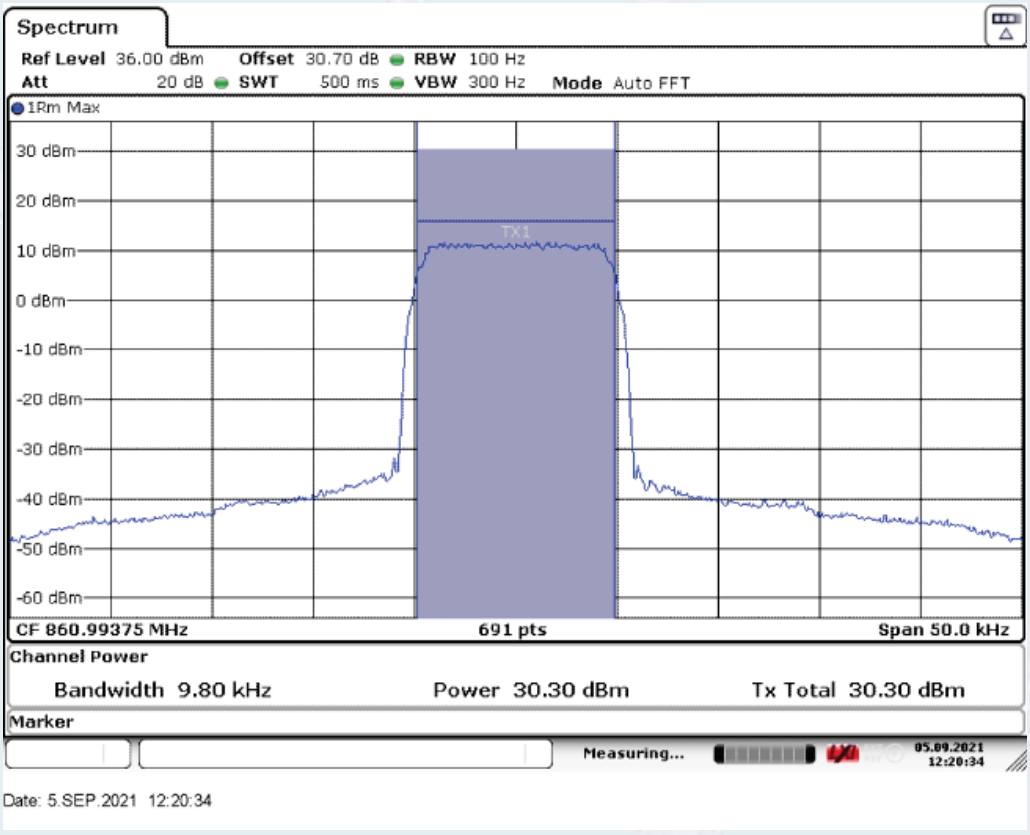
Middle Frequency: 856.0MHz, Output occupied BW(AGC)



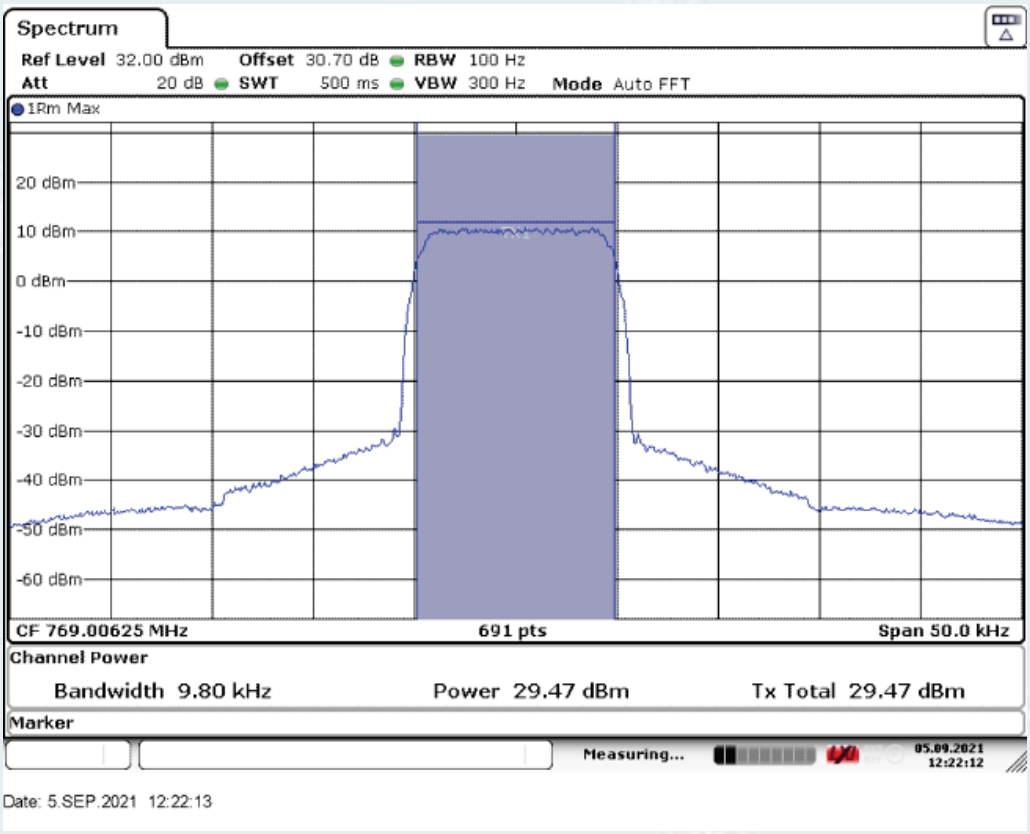
Middle Frequency: 856.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)



High Frequency: 860.99375MHz, Input occupied BW

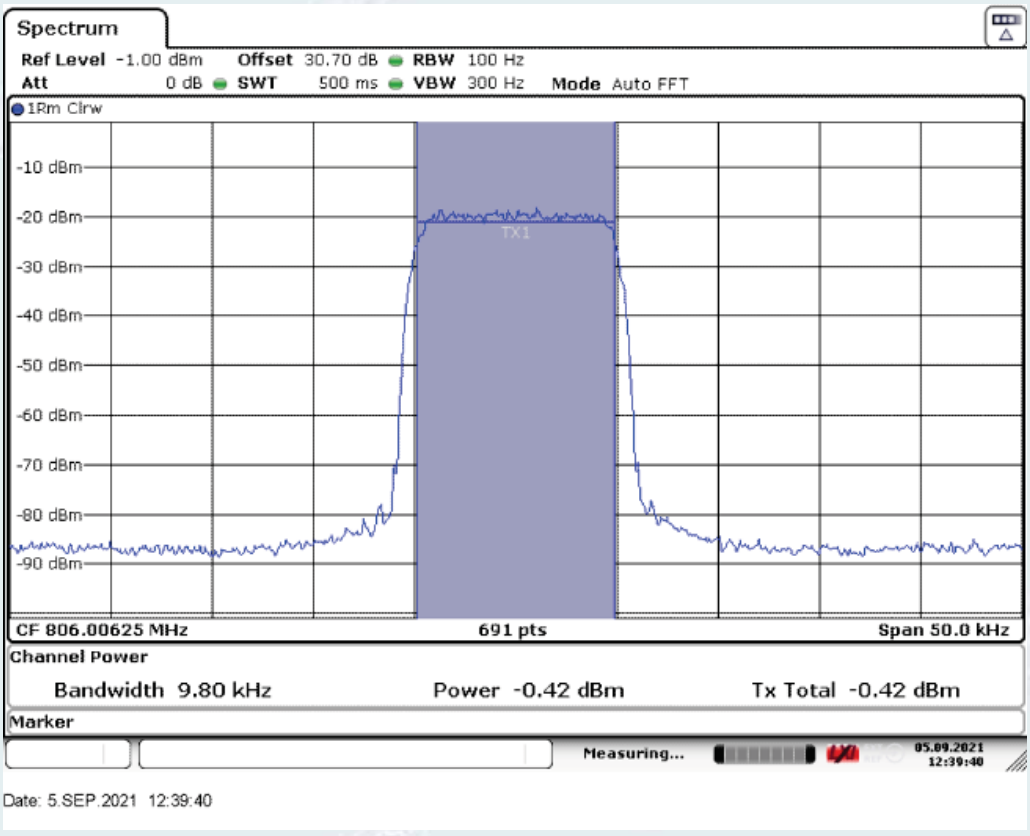


High Frequency: 860.99375MHz, Output occupied BW(AGC)

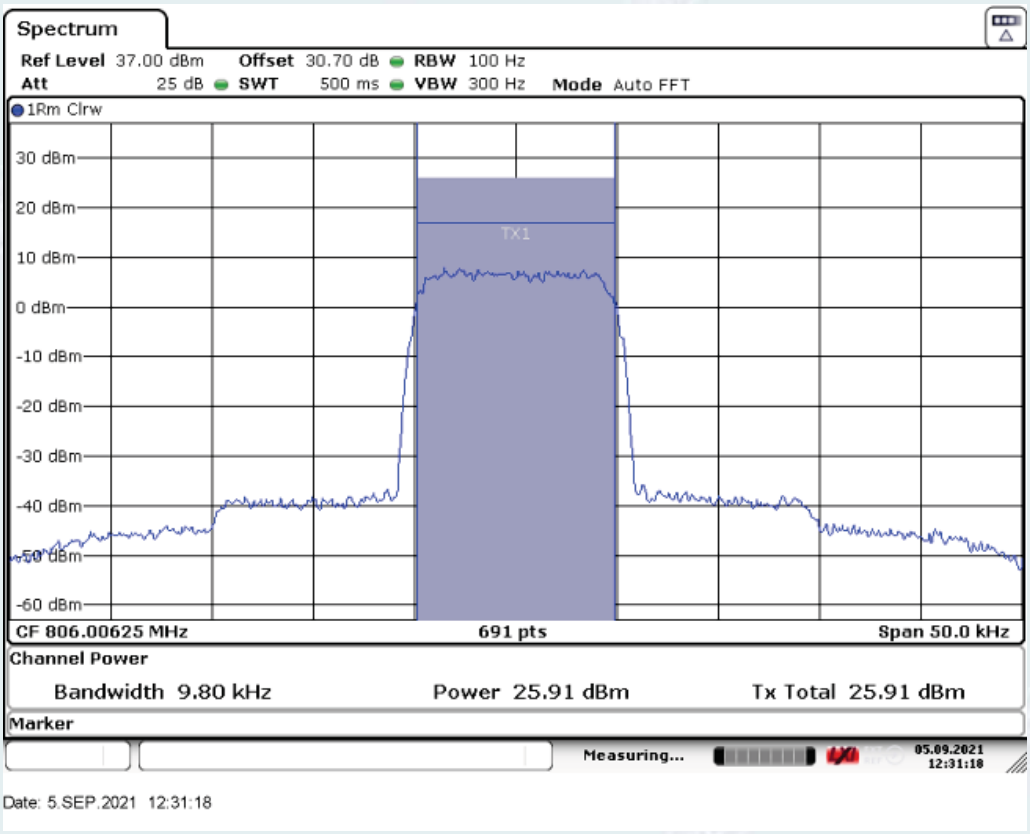


High Frequency: 860.99375MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

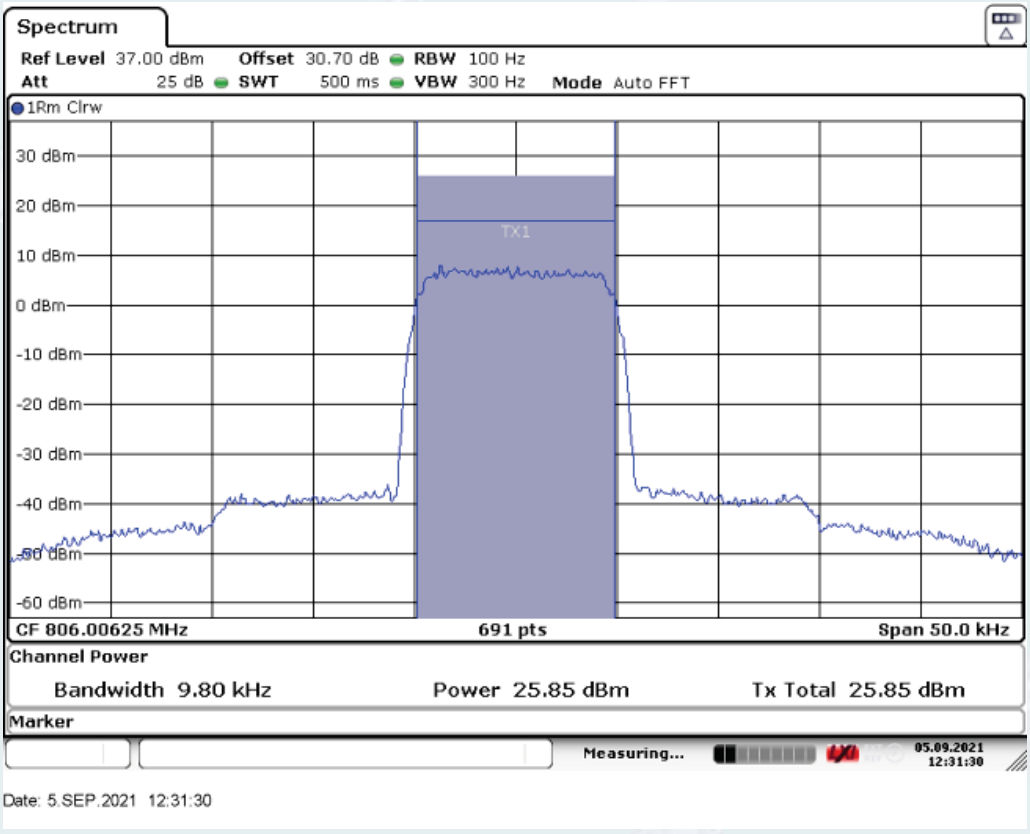
10.5.5.3.2.2.2 Uplink



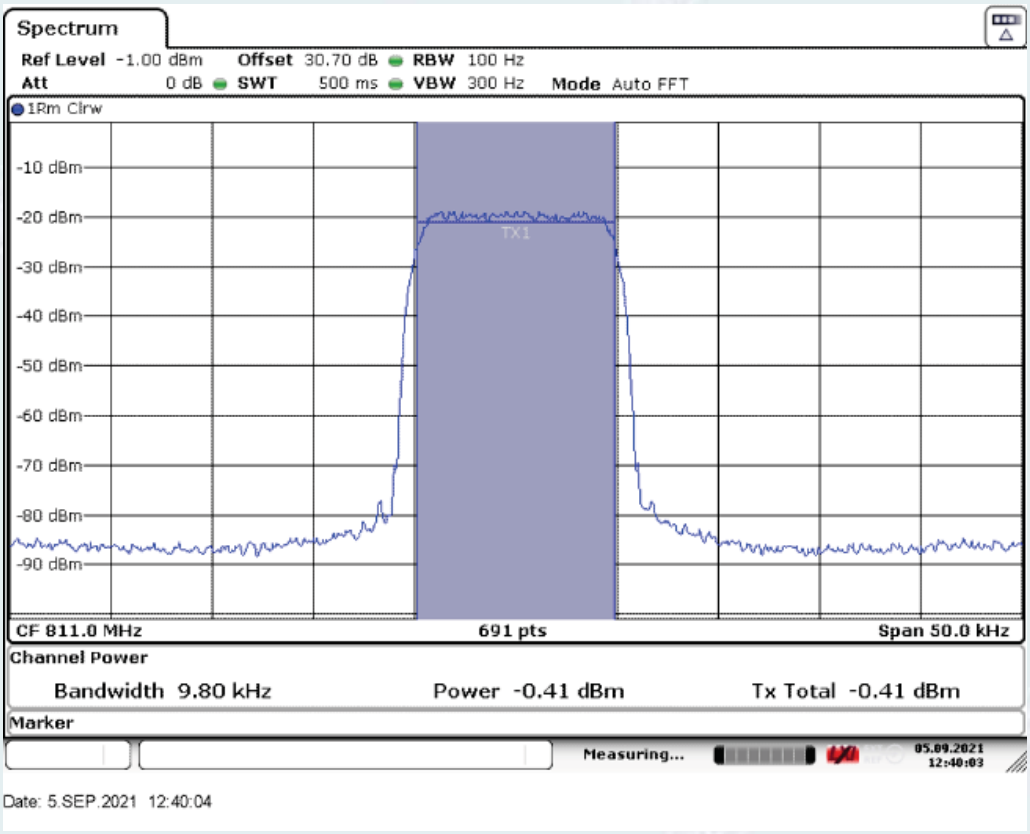
Low Frequency: 806.00625MHz, Input occupied BW



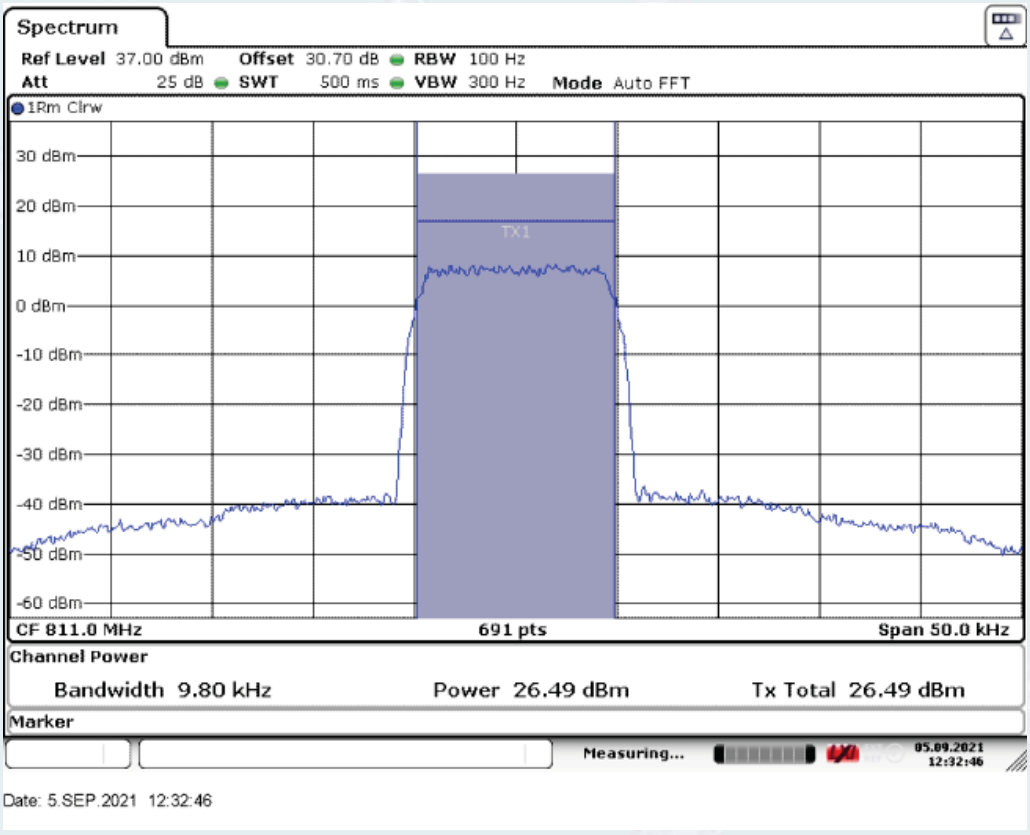
Low Frequency: 806.00625MHz, Output occupied BW(AGC)



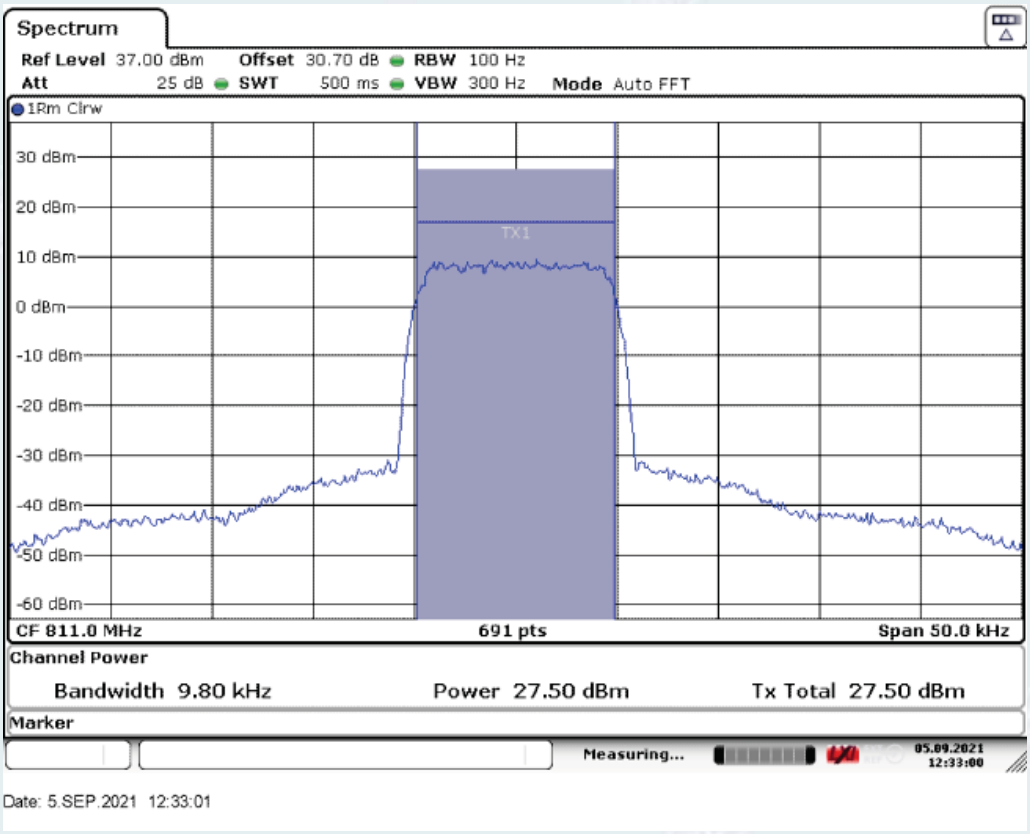
Low Frequency: 806.00625MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)



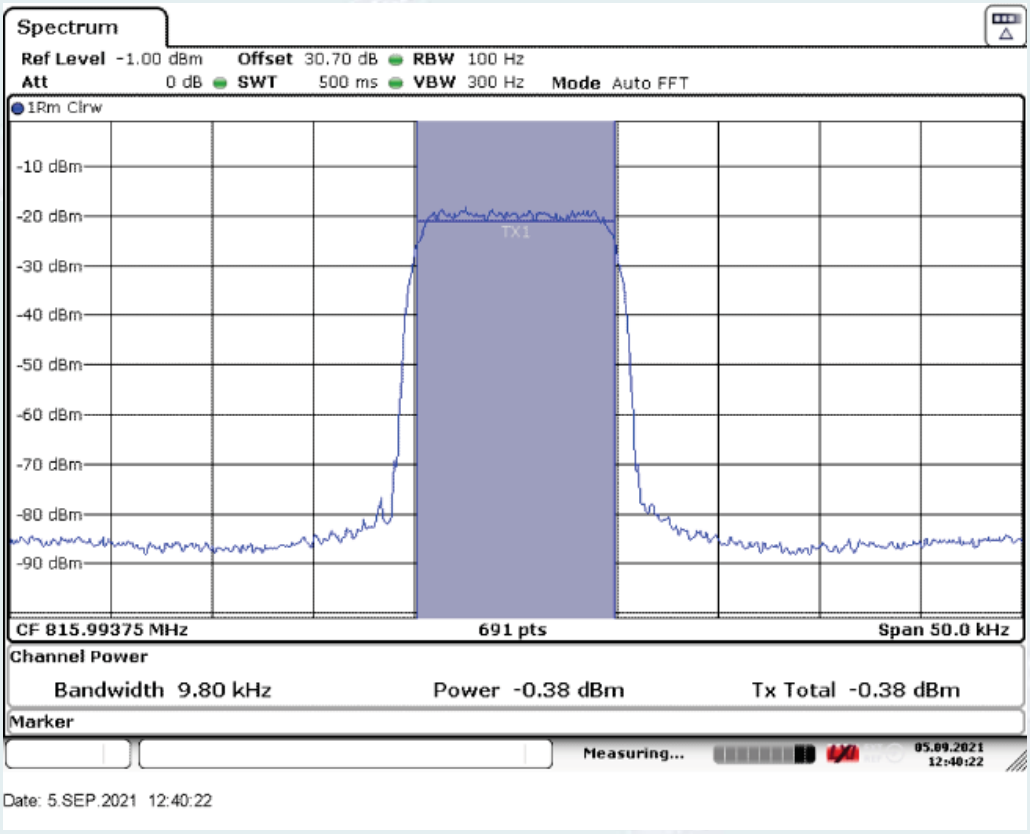
Middle Frequency: 811.0MHz, Input occupied BW



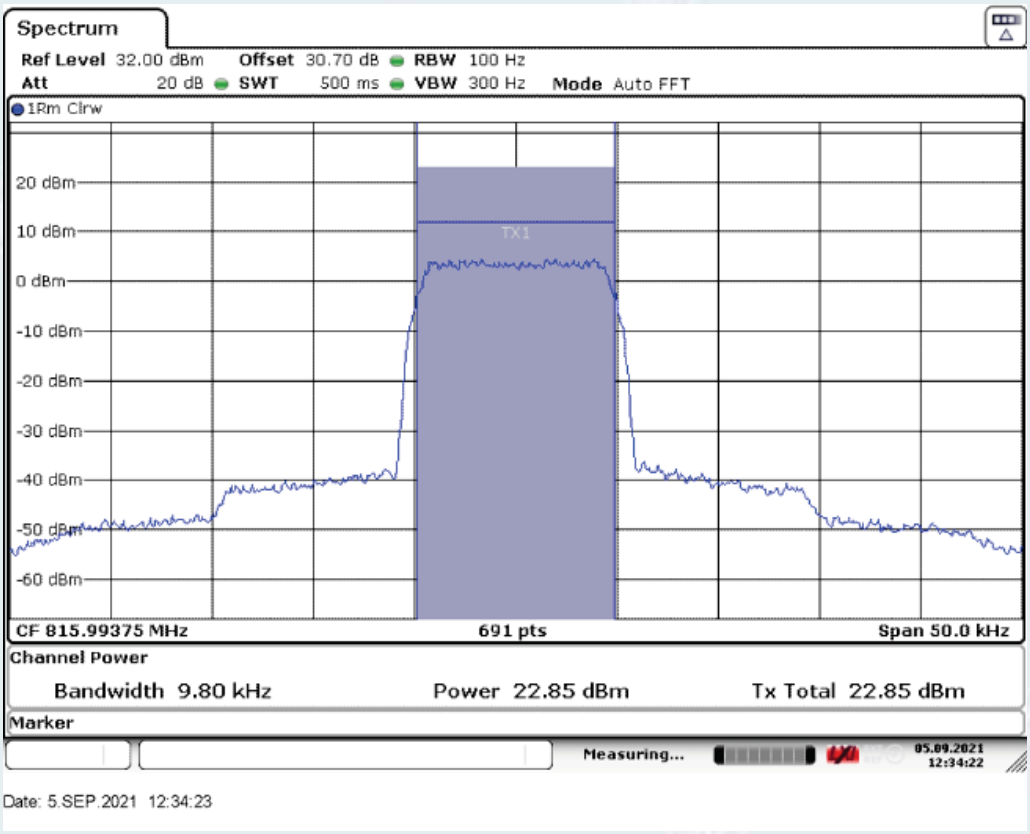
Middle Frequency: 811.0MHz, Output occupied BW(AGC)



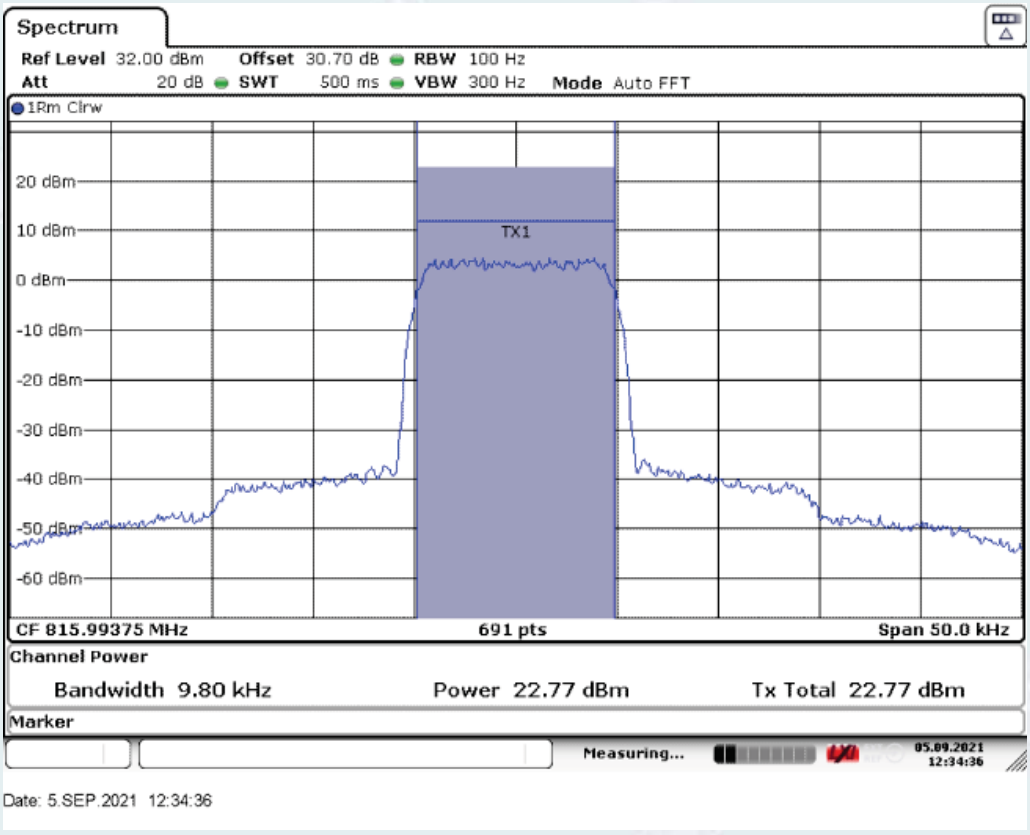
Middle Frequency: 811.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)



High Frequency: 815.99375MHz, Input occupied BW



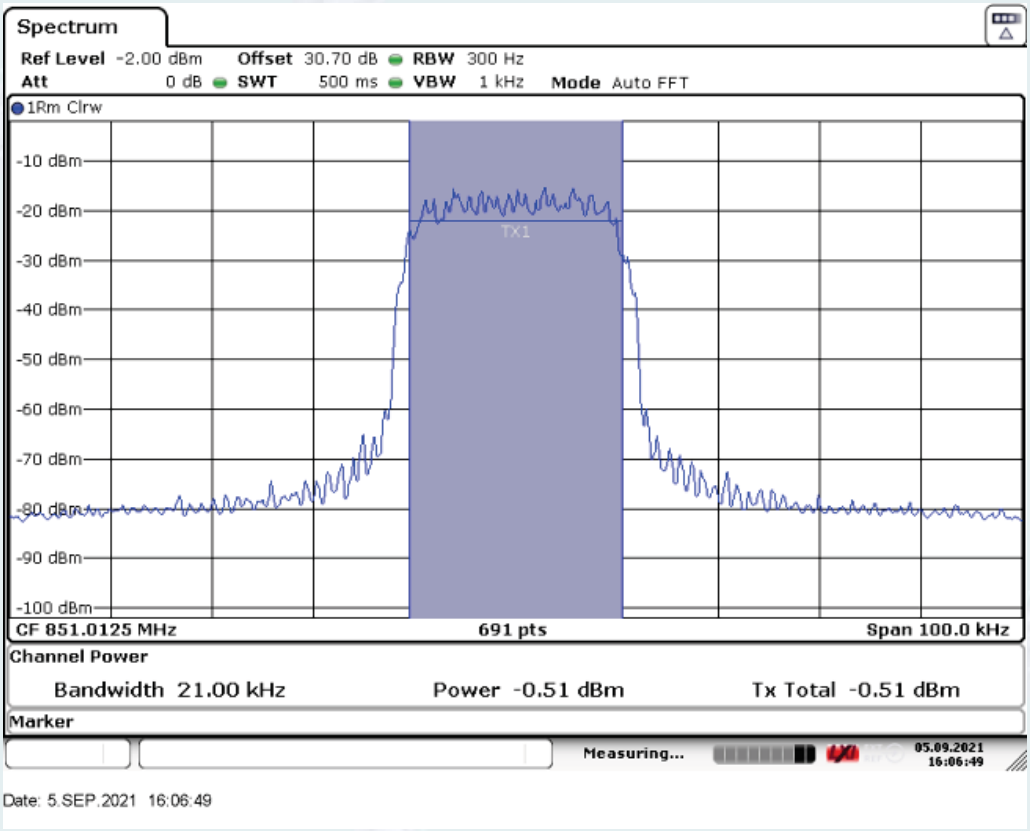
High Frequency: 815.99375MHz, Output occupied BW(AGC)



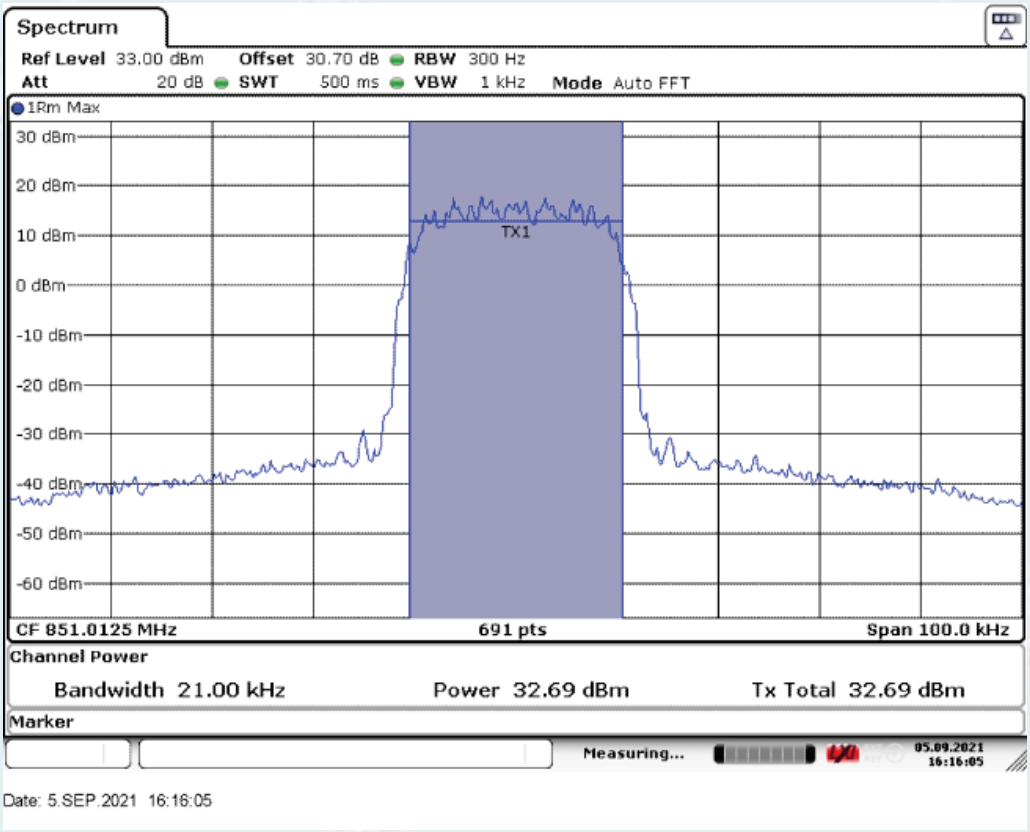
High Frequency: 815.99375MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

10.5.5.3.2.3 TETRA mode

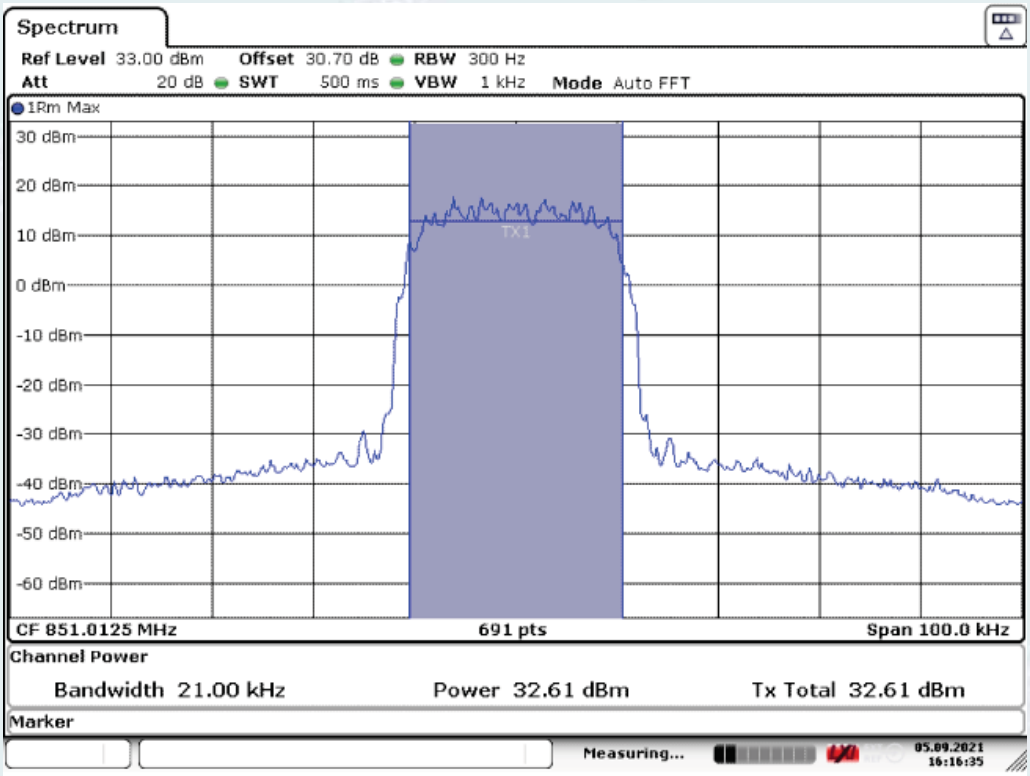
10.5.5.3.2.3.1 Downlink



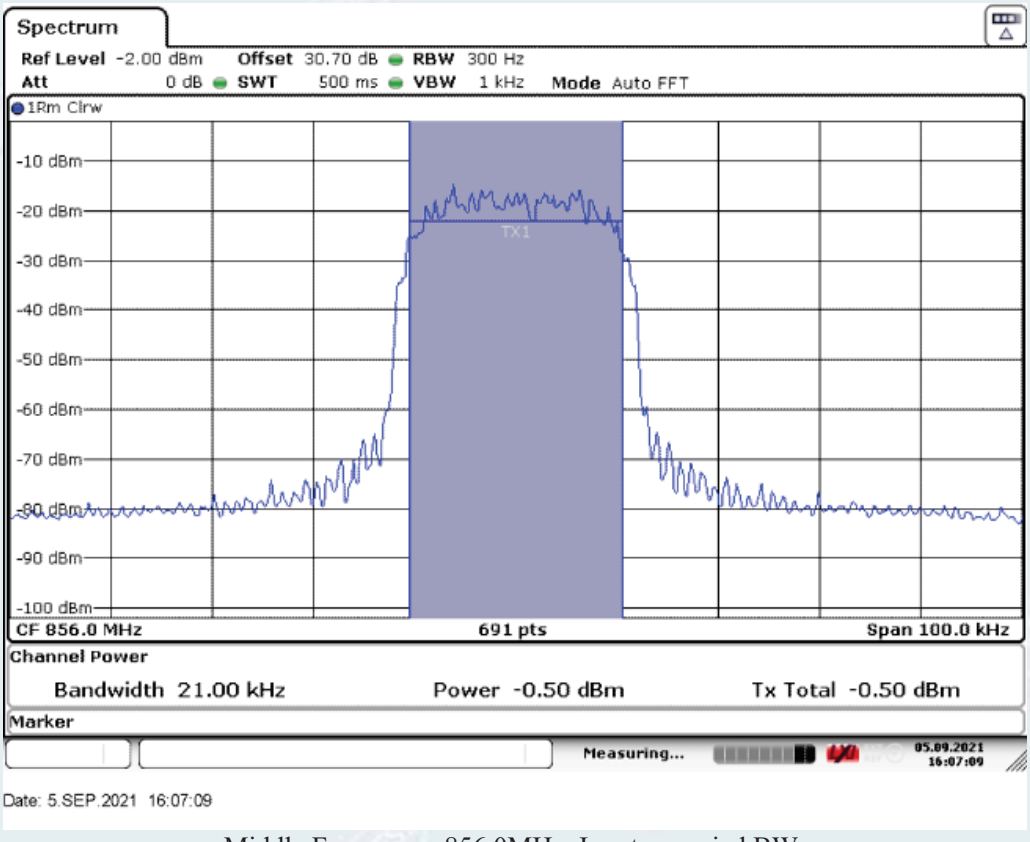
Low Frequency: 851.0125MHz, Input occupied BW



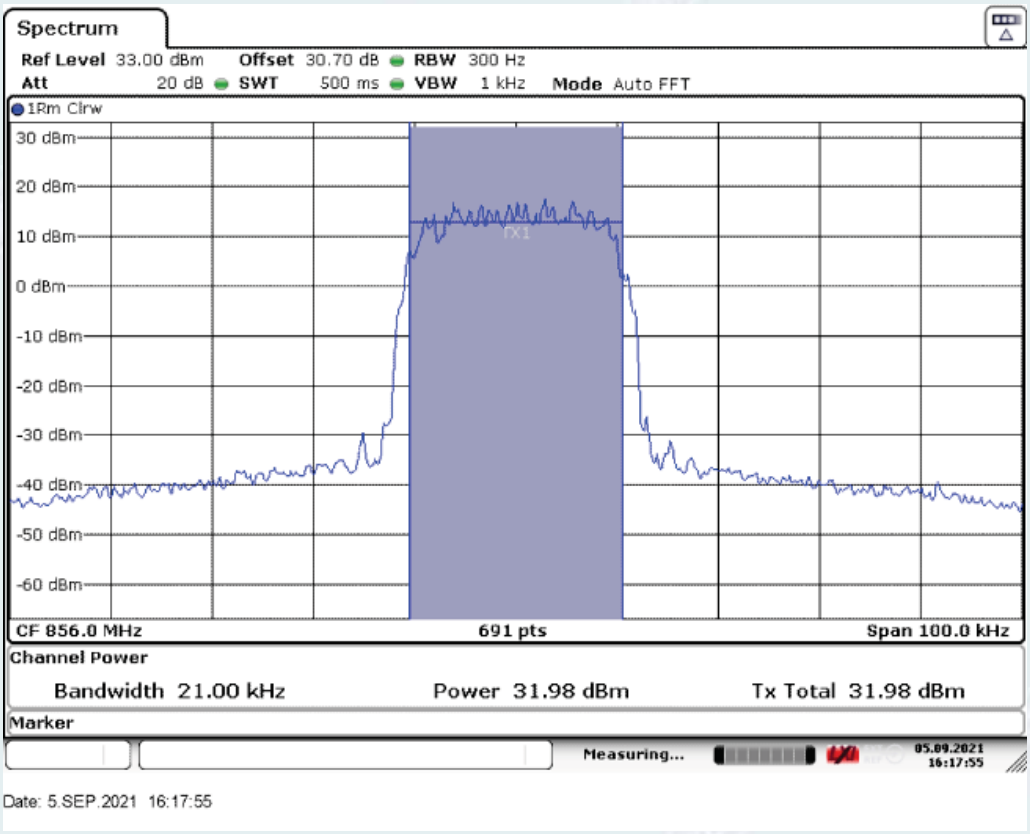
Low Frequency: 851.0125MHz, Output occupied BW(AGC)



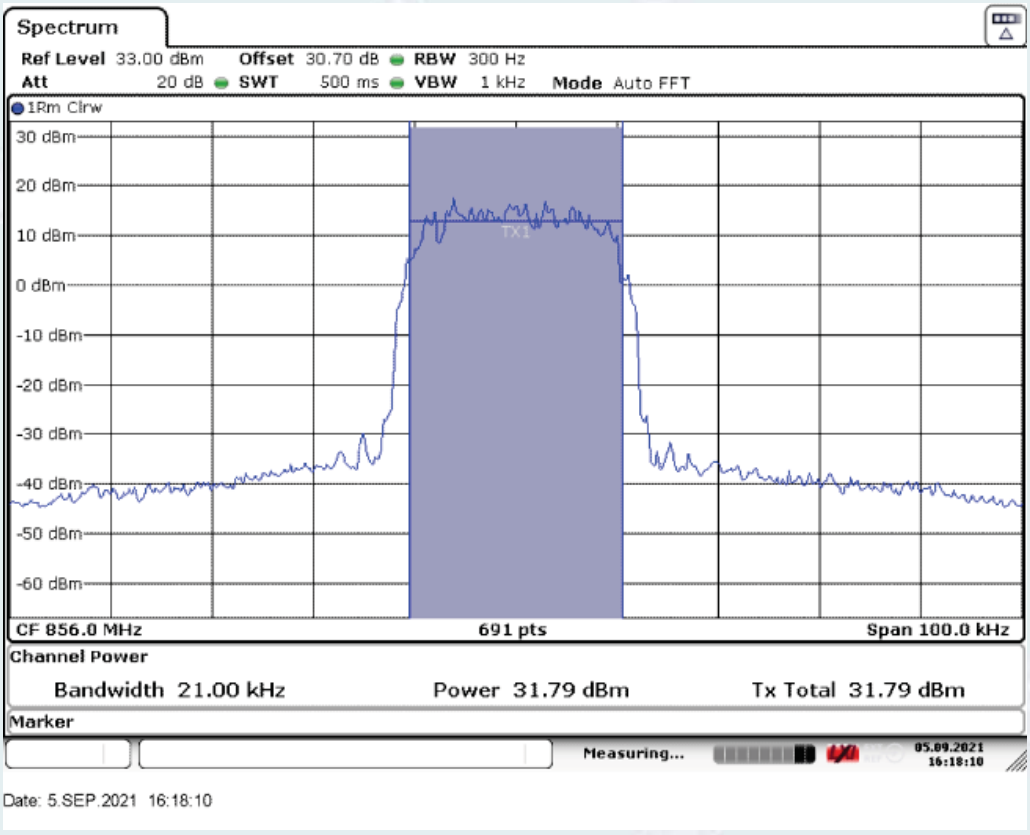
Low Frequency: 851.0125MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)



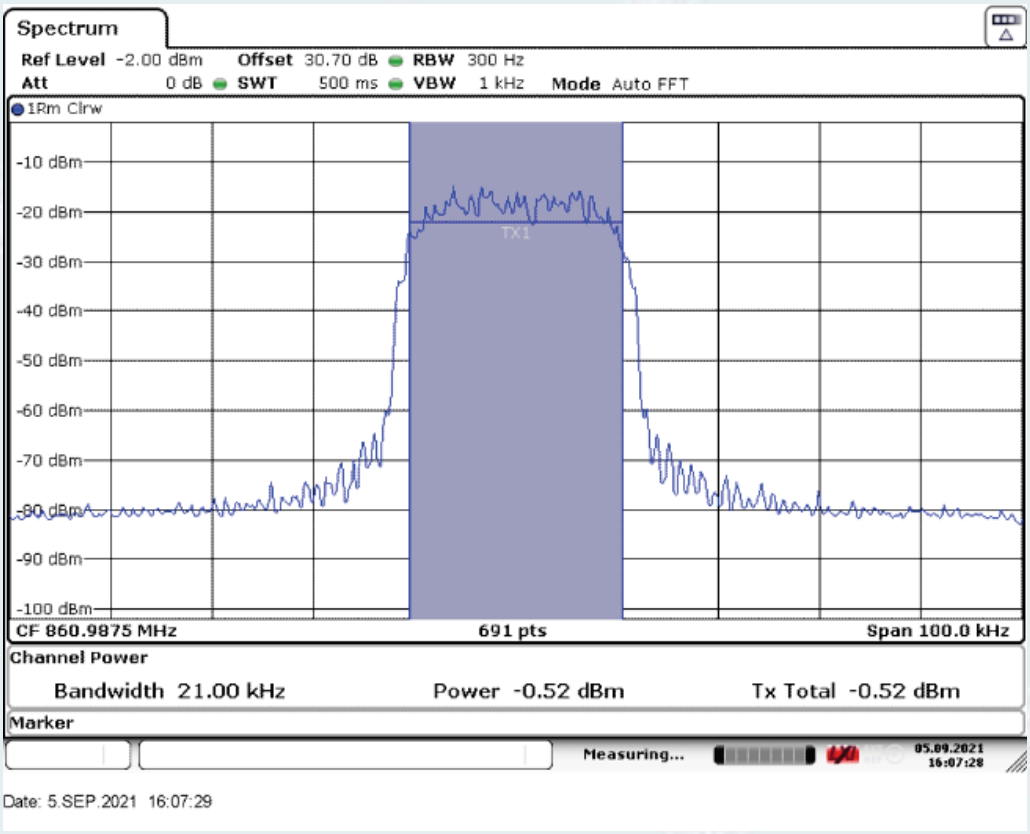
Middle Frequency: 856.0MHz, Input occupied BW



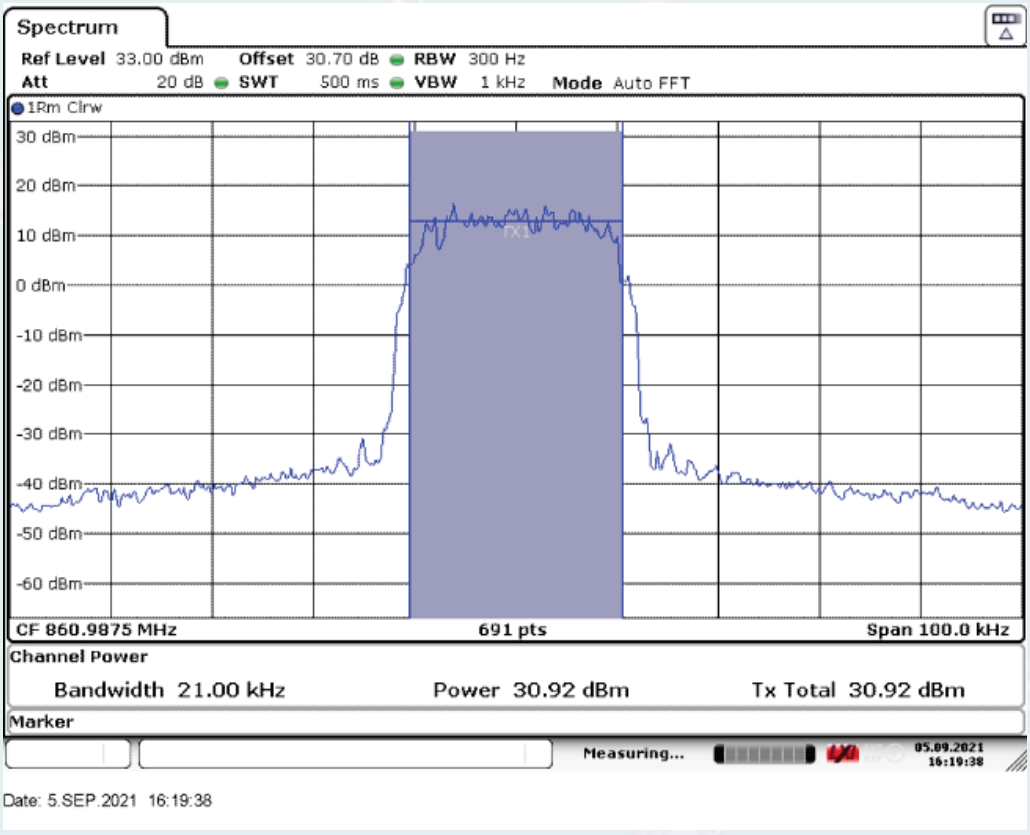
Middle Frequency: 856.0MHz, Output occupied BW(AGC)



Middle Frequency: 856.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)



High Frequency: 860.9875MHz, Input occupied BW



High Frequency: 860.9875MHz, Output occupied BW(AGC)