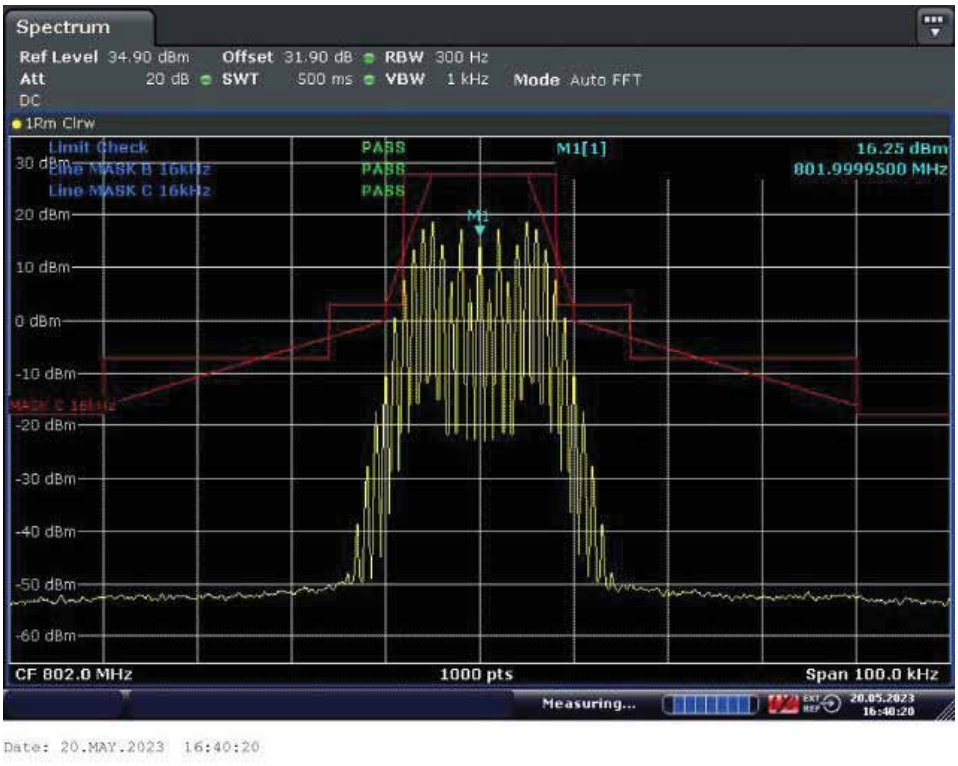
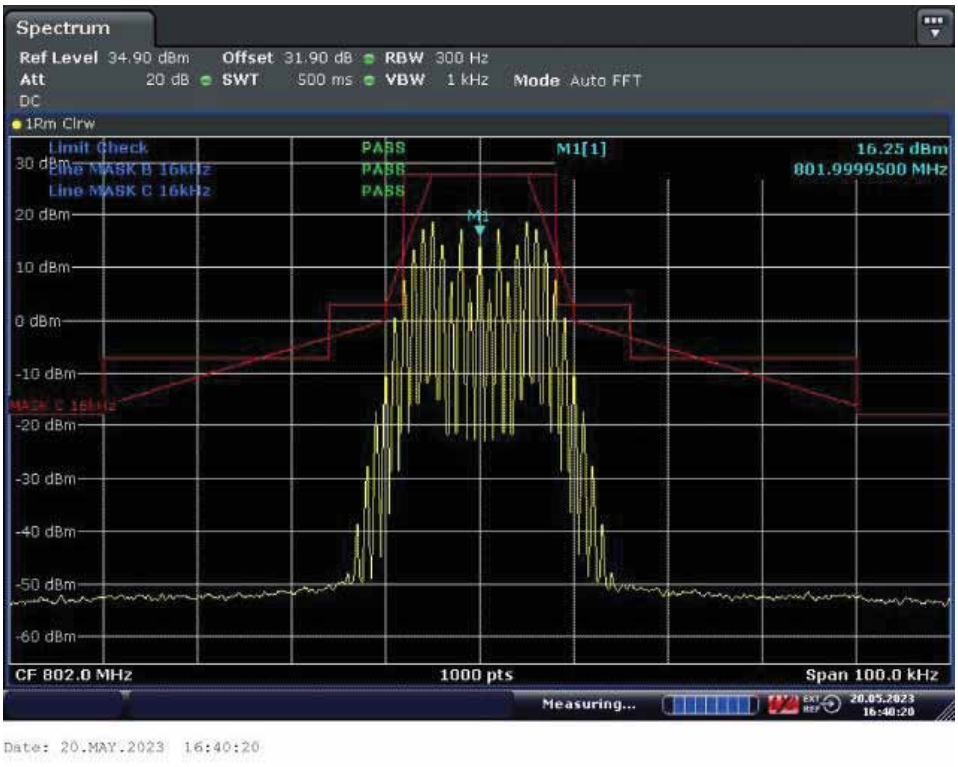
11.15.2.1.1.4.2. Uplink transmit



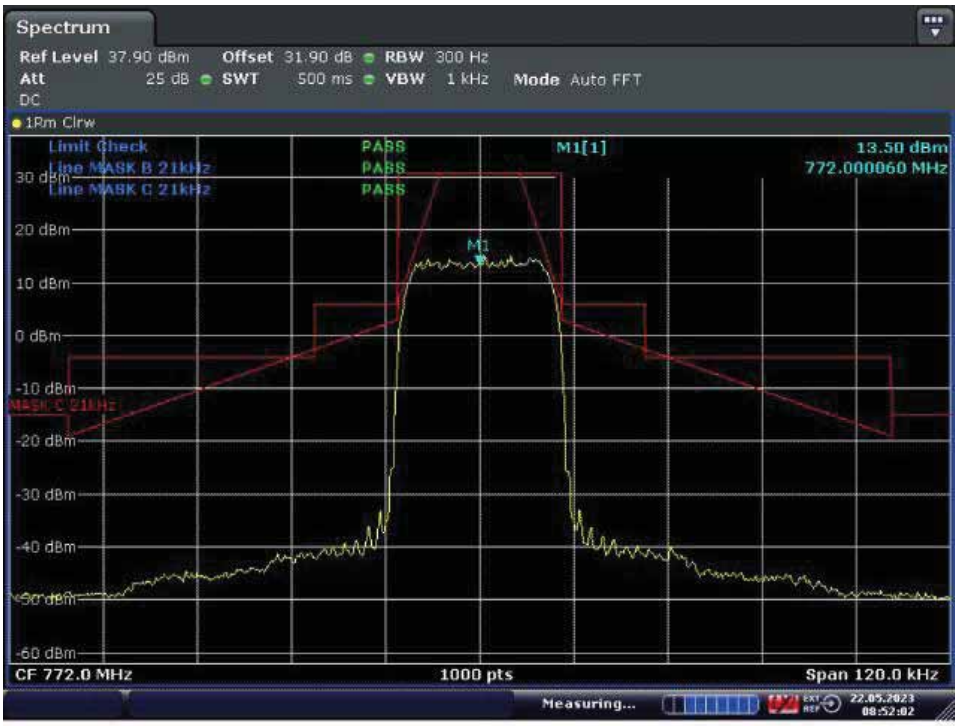
With the input signal amplitude set the AGC threshold
Middle Frequency: 802.0MHz



With the input signal amplitude set 3 dB above the AGC threshold
Middle Frequency: 802.0MHz

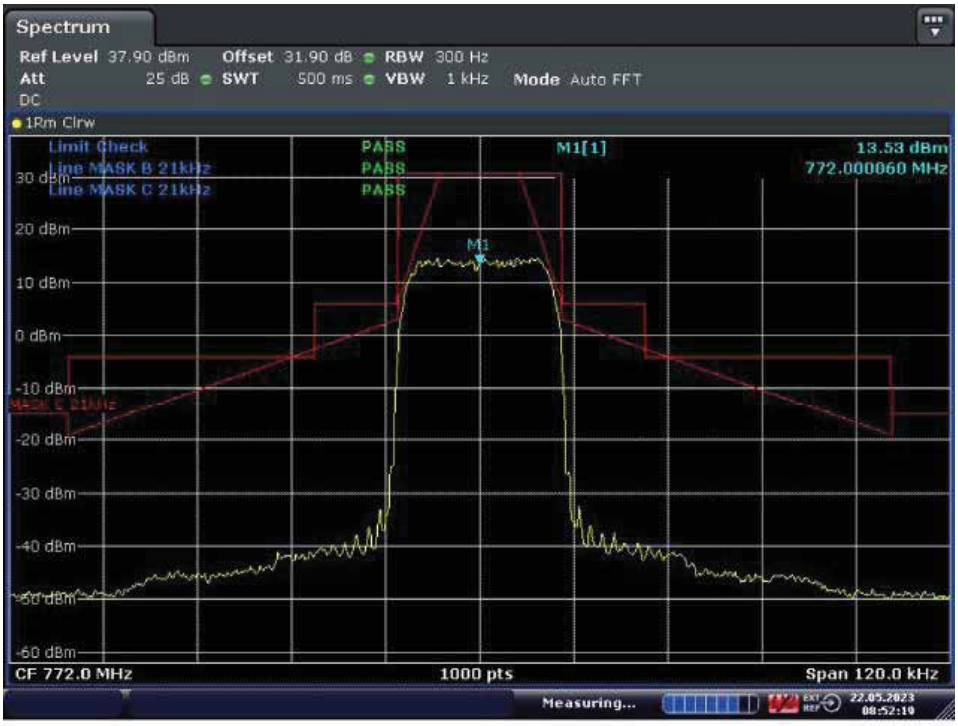
11.15.2.1.1.5. Tetra (Mask B+ Mask C)

11.15.2.1.1.5.1. Downlink transmit



Date: 22.MAY.2023 08:52:02

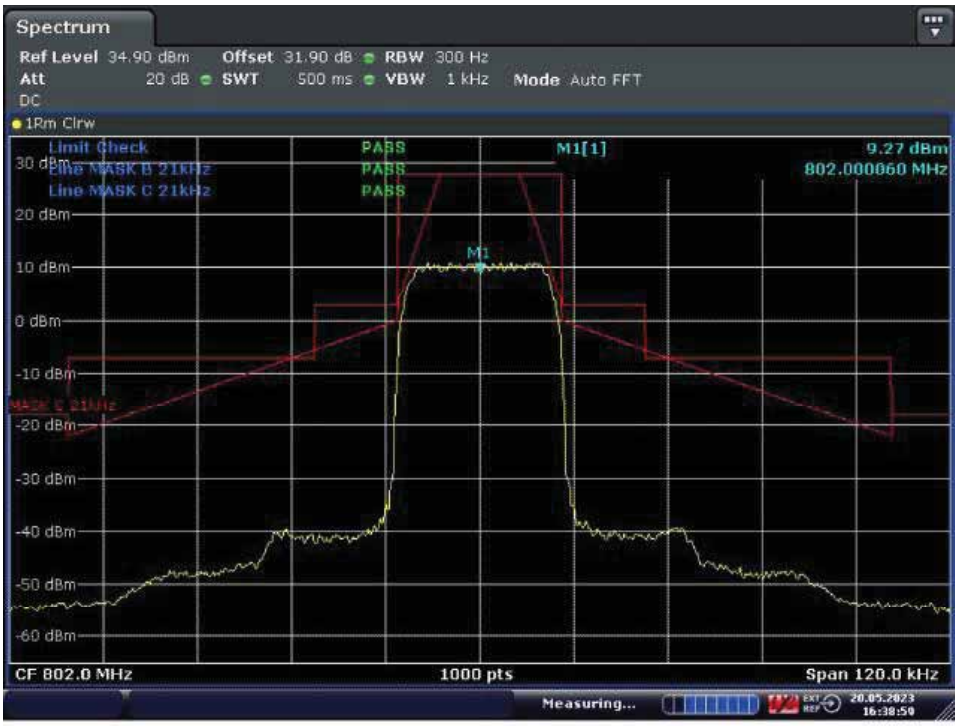
With the input signal amplitude set the AGC threshold
Middle Frequency: 772.0MHz



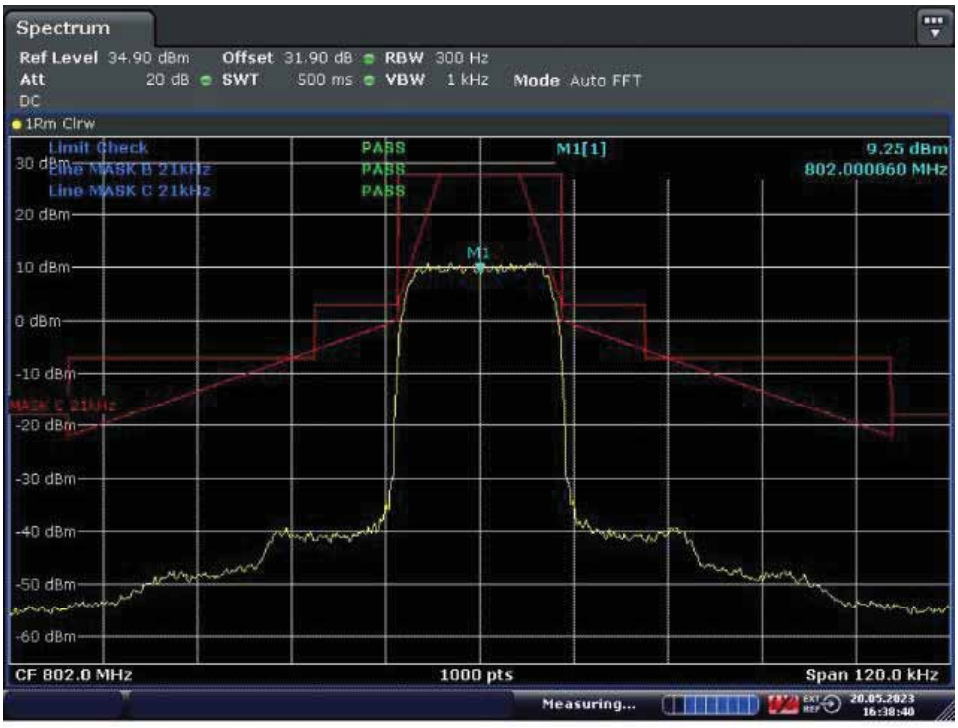
Date: 22.MAY.2023 08:52:19

With the input signal amplitude set 3 dB above the AGC threshold
Middle Frequency: 772.0MHz

11.15.2.1.1.5.2. Uplink transmit



With the input signal amplitude set the AGC threshold
Middle Frequency: 802.0MHz

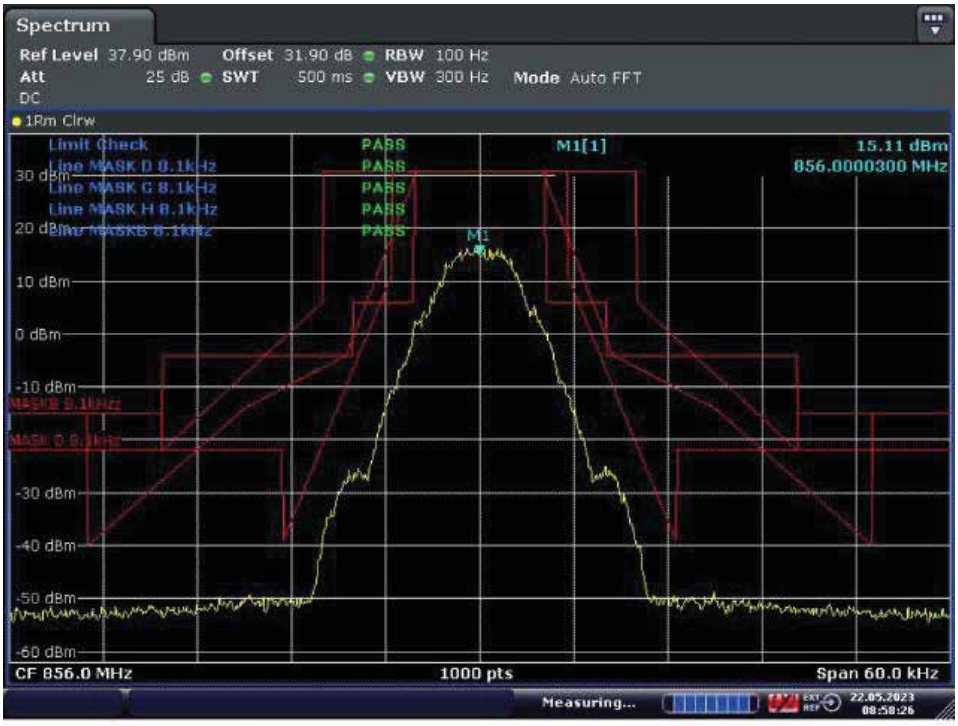


With the input signal amplitude set 3 dB above the AGC threshold
Middle Frequency: 802.0MHz

11.15.2.1.2. 800MHz Band

11.15.2.1.2.1. P25 Phase I(C4FM) (Mask B+ D+ G+H)

11.15.2.1.2.1.1. Downlink transmit



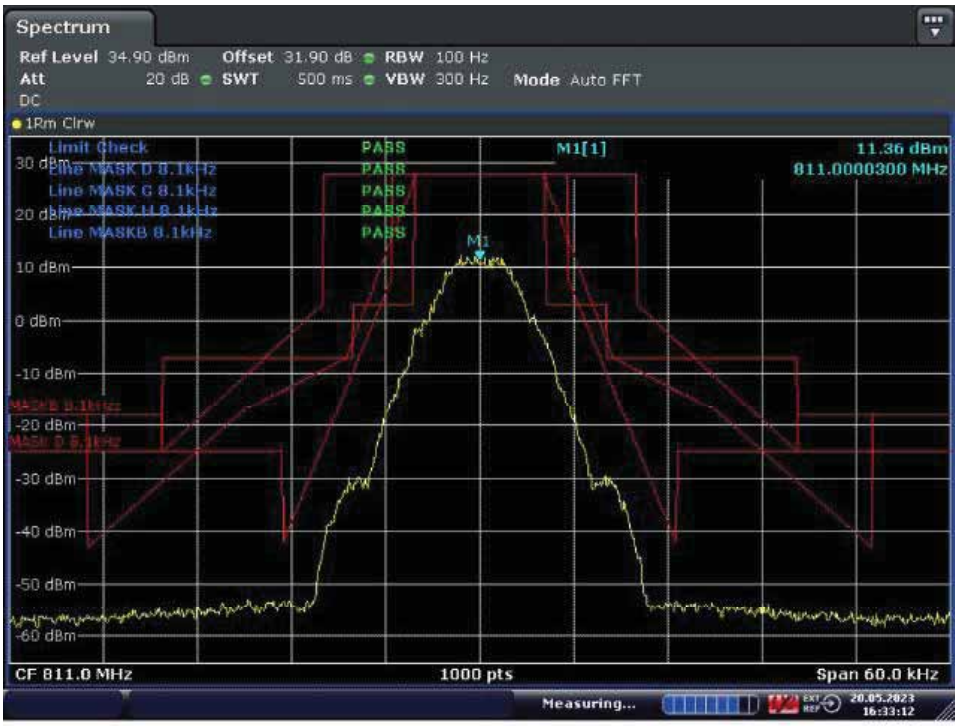
Date: 22.MAY.2023 08:58:26

With the input signal amplitude set the AGC threshold
Middle Frequency: 856.0MHz

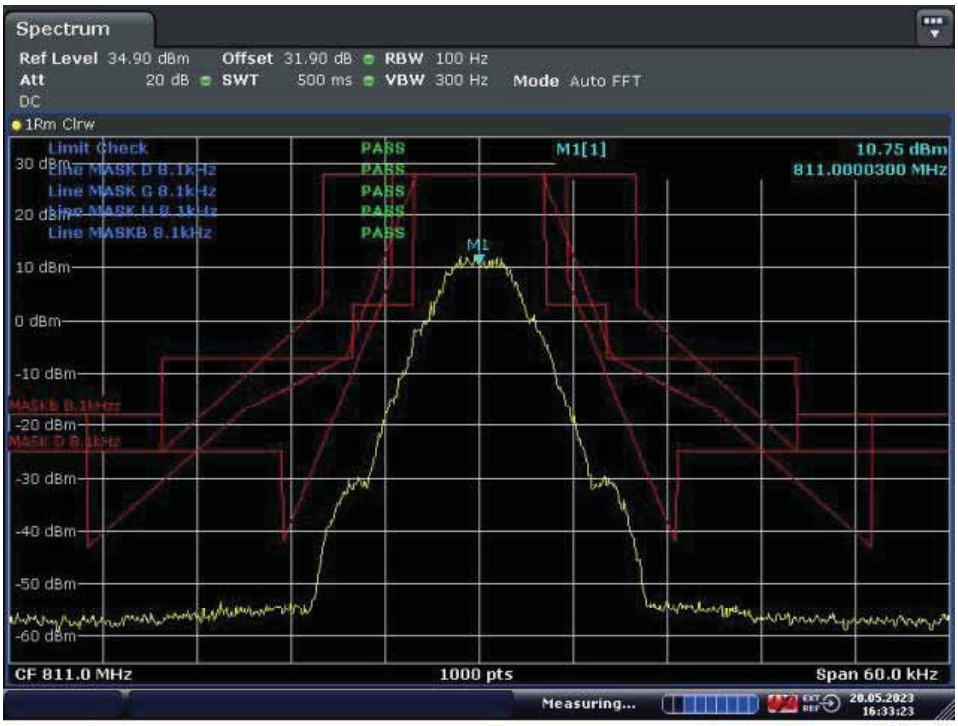
Date: 22.MAY.2023 08:58:13

With the input signal amplitude set 3 dB above the AGC threshold
Middle Frequency: 856.0MHz

11.15.2.1.2.1.2. Uplink transmit



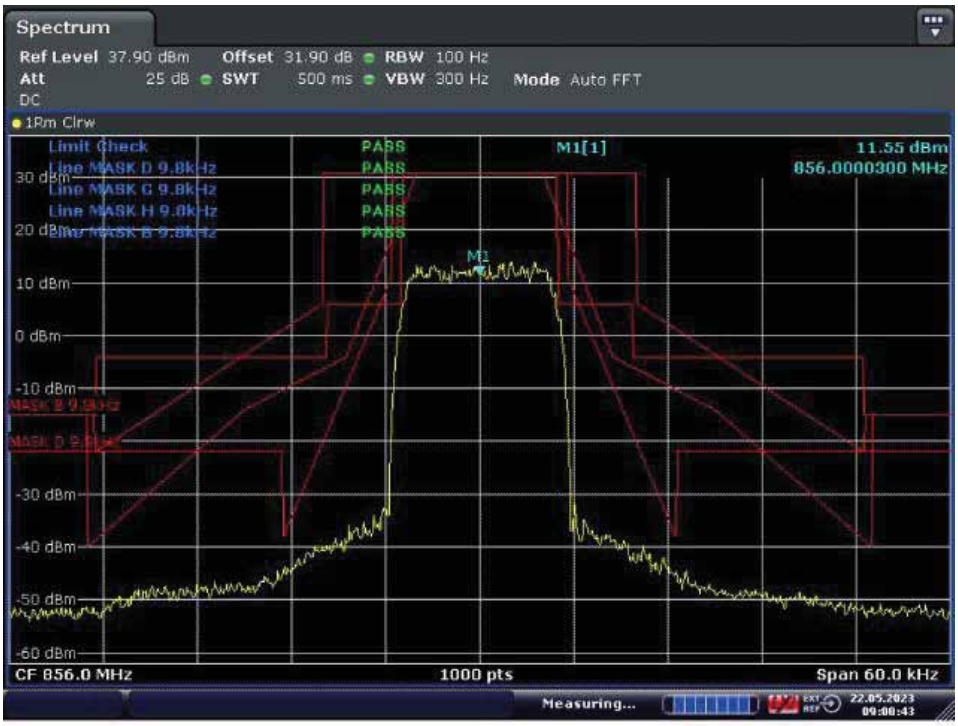
With the input signal amplitude set the AGC threshold
Middle Frequency: 811.0MHz



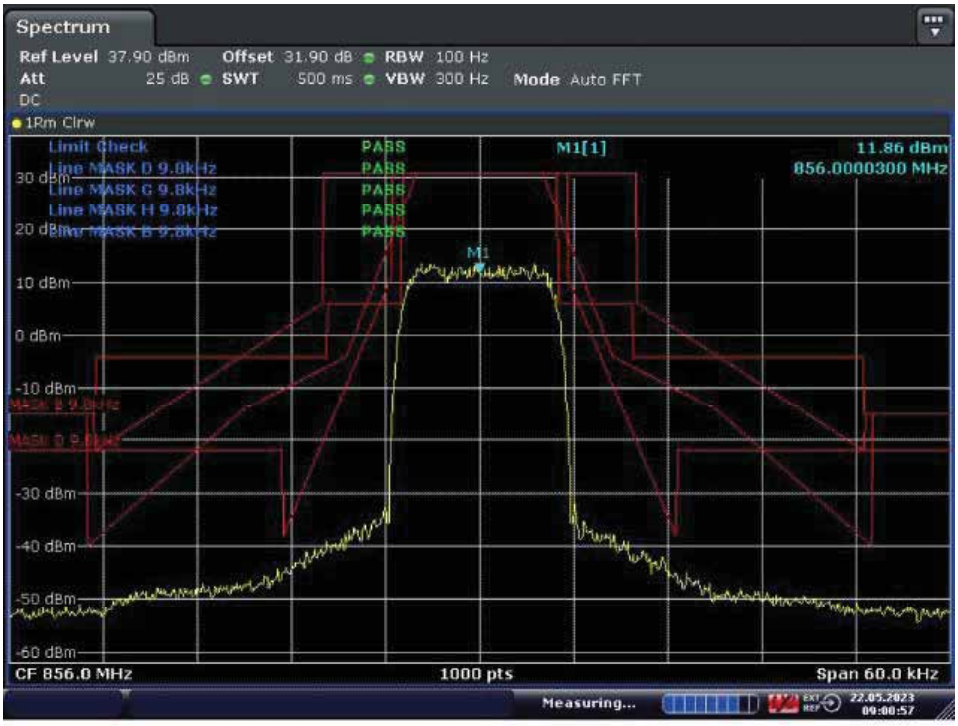
With the input signal amplitude set 3 dB above the AGC threshold
Middle Frequency: 811.0MHz

11.15.2.1.2.2. P25 Phase II (H-DQPSK) (Mask B+ D+ G+H)

11.15.2.1.2.2.1. Downlink transmit



With the input signal amplitude set the AGC threshold
Middle Frequency: 856.0MHz



With the input signal amplitude set 3 dB above the AGC threshold
Middle Frequency: 856.0MHz

11.15.2.1.2.2.2. Uplink transmit

Date: 20.MAY.2023 16:31:51

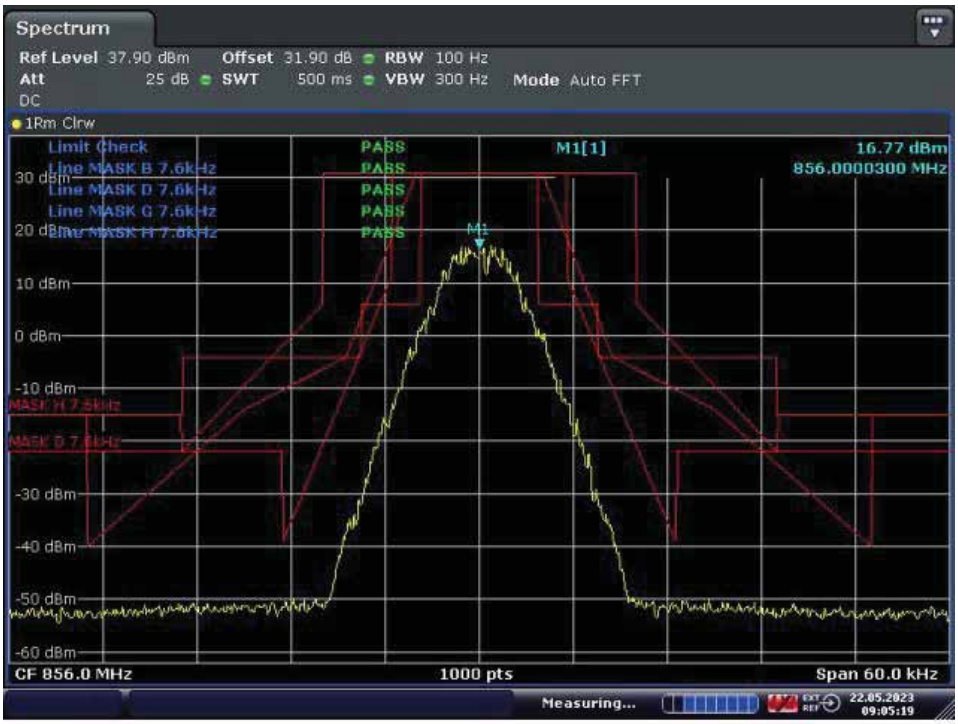
With the input signal amplitude set the AGC threshold
Middle Frequency: 811.0MHz

Date: 20.MAY.2023 16:32:06

With the input signal amplitude set 3 dB above the AGC threshold
Middle Frequency: 811.0MHz

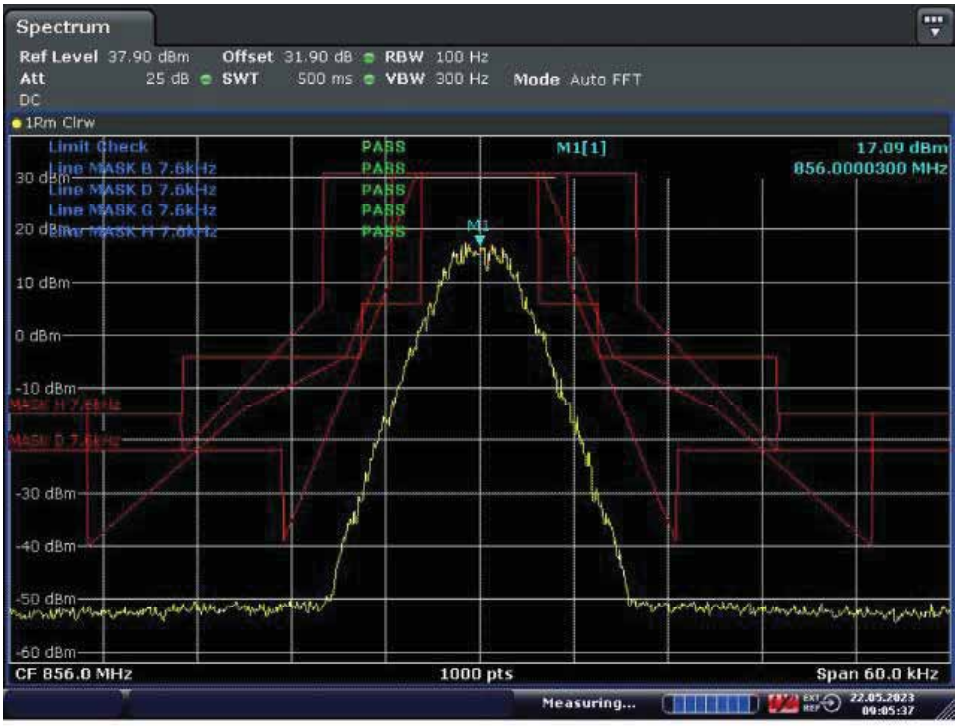
11.15.2.1.2.3. DMR (Mask B+ D+ G+H)

11.15.2.1.2.3.1. Downlink transmit



Date: 22.MAY.2023 09:05:19

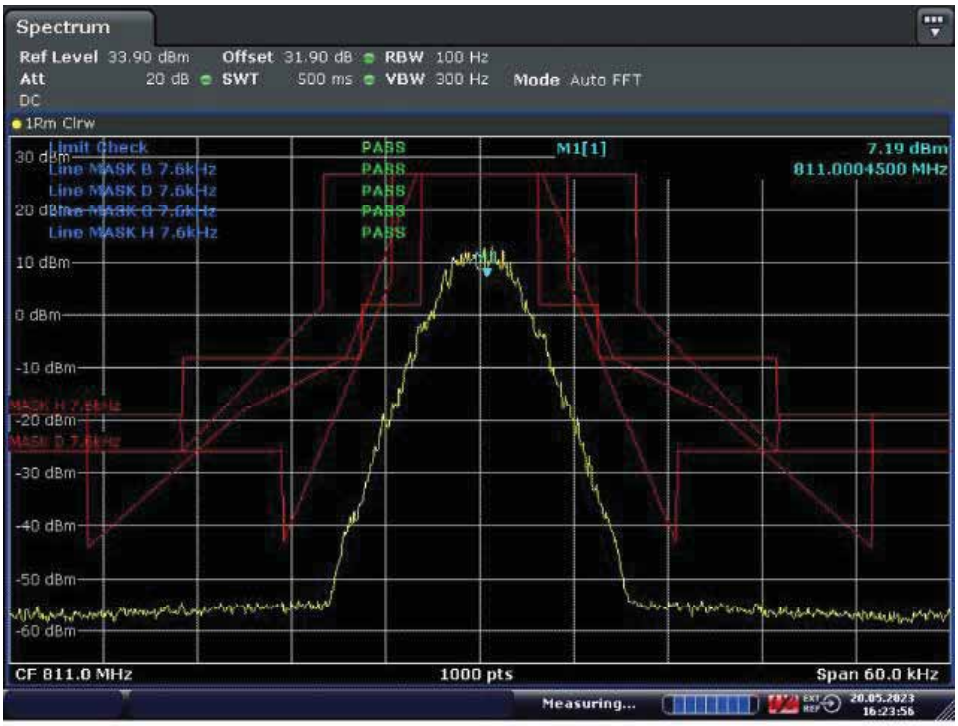
With the input signal amplitude set the AGC threshold
Middle Frequency: 856.0MHz



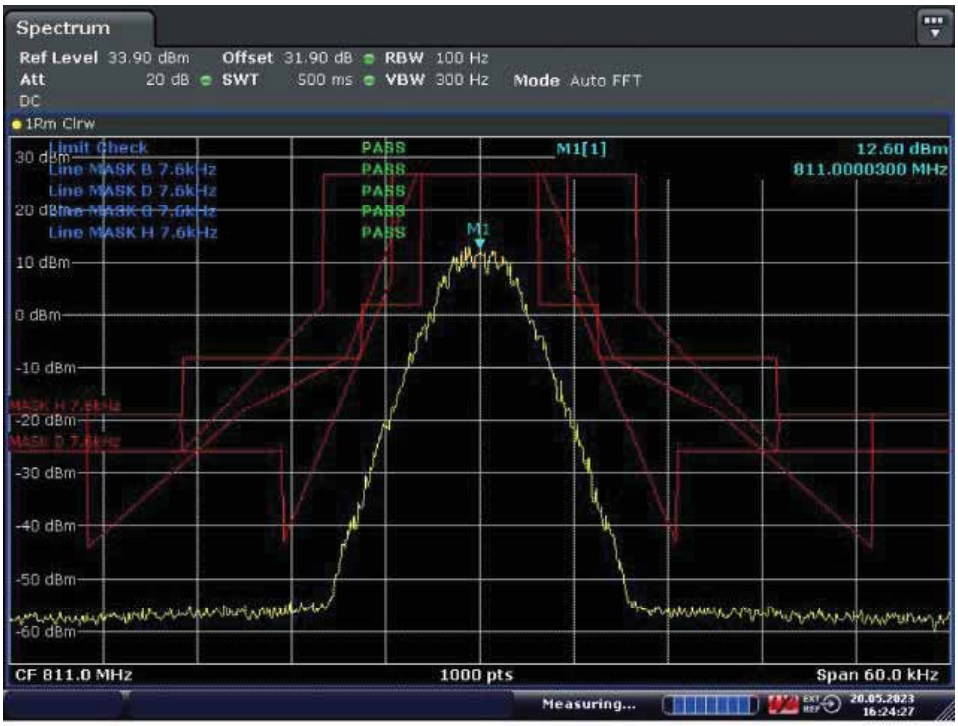
Date: 22.MAY.2023 09:05:37

With the input signal amplitude set 3 dB above the AGC threshold
Middle Frequency: 856.0MHz

11.15.2.1.2.3.2. Uplink transmit



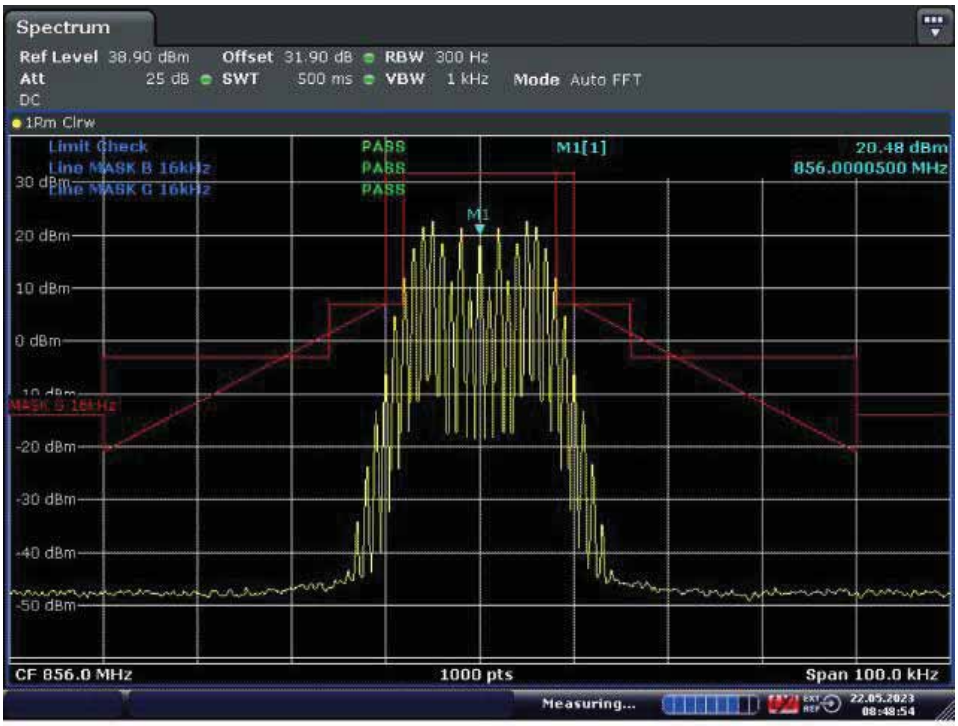
With the input signal amplitude set the AGC threshold
Middle Frequency: 811.0MHz



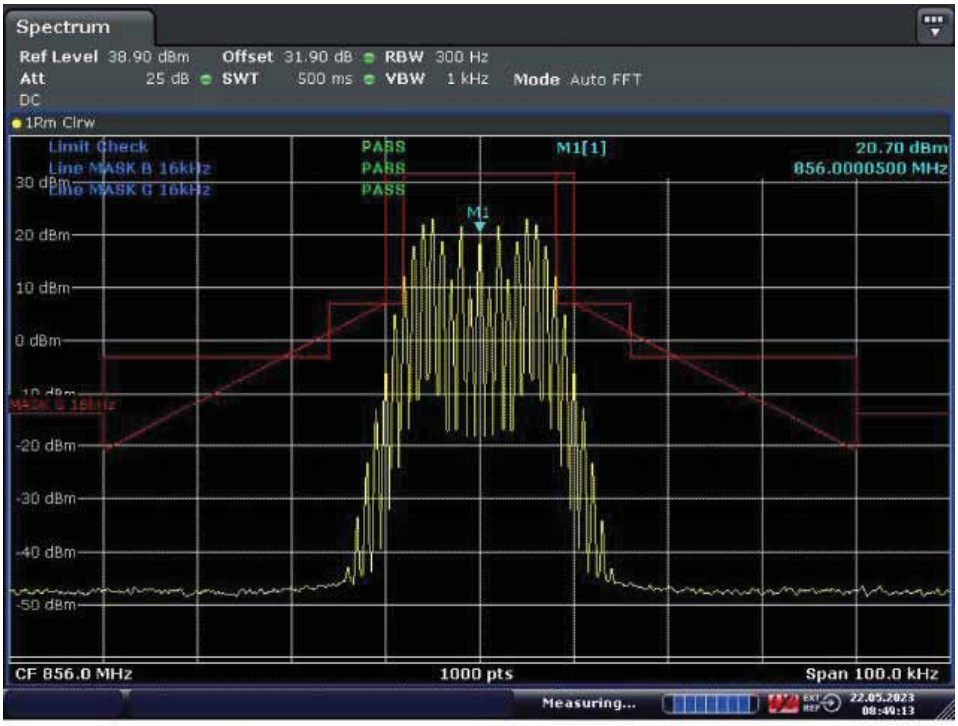
With the input signal amplitude set 3 dB above the AGC threshold
Middle Frequency: 811.0MHz

11.15.2.1.2.4. Analog FM (Mask B+ Mask G)

11.15.2.1.2.4.1. Downlink transmit

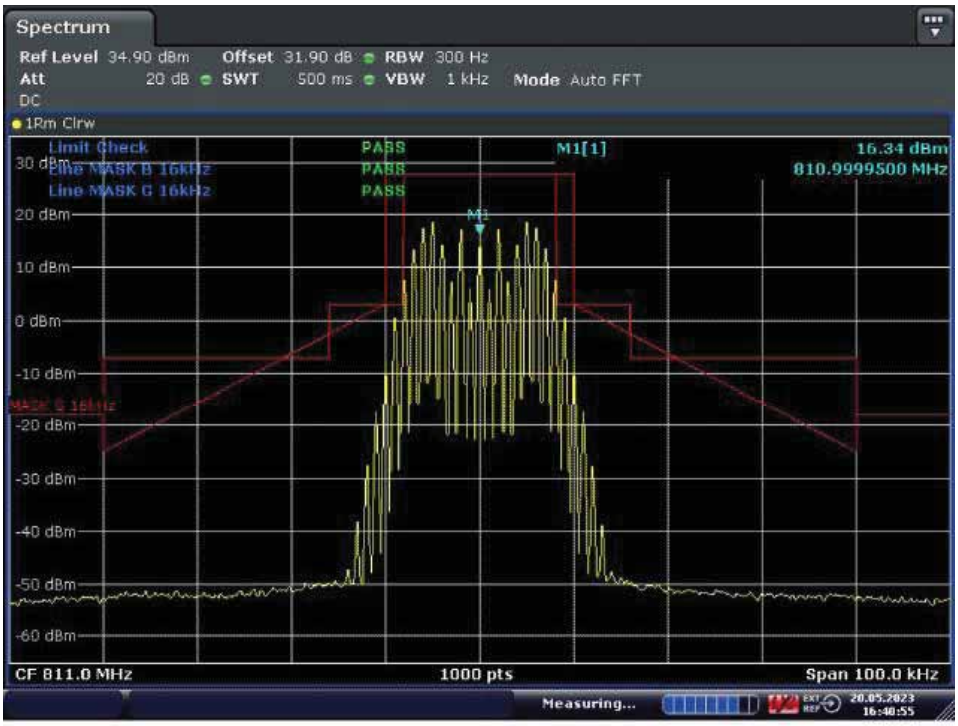


With the input signal amplitude set the AGC threshold
Middle Frequency: 856.0MHz

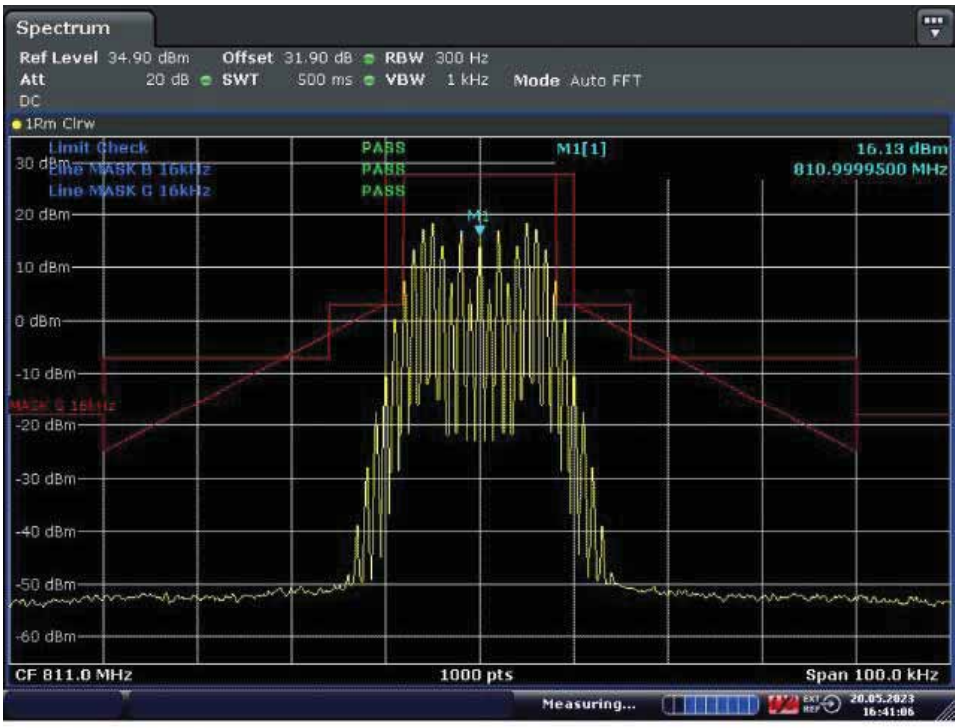


With the input signal amplitude set 3 dB above the AGC threshold
Middle Frequency: 856.0MHz

11.15.2.1.2.4.2. Uplink transmit



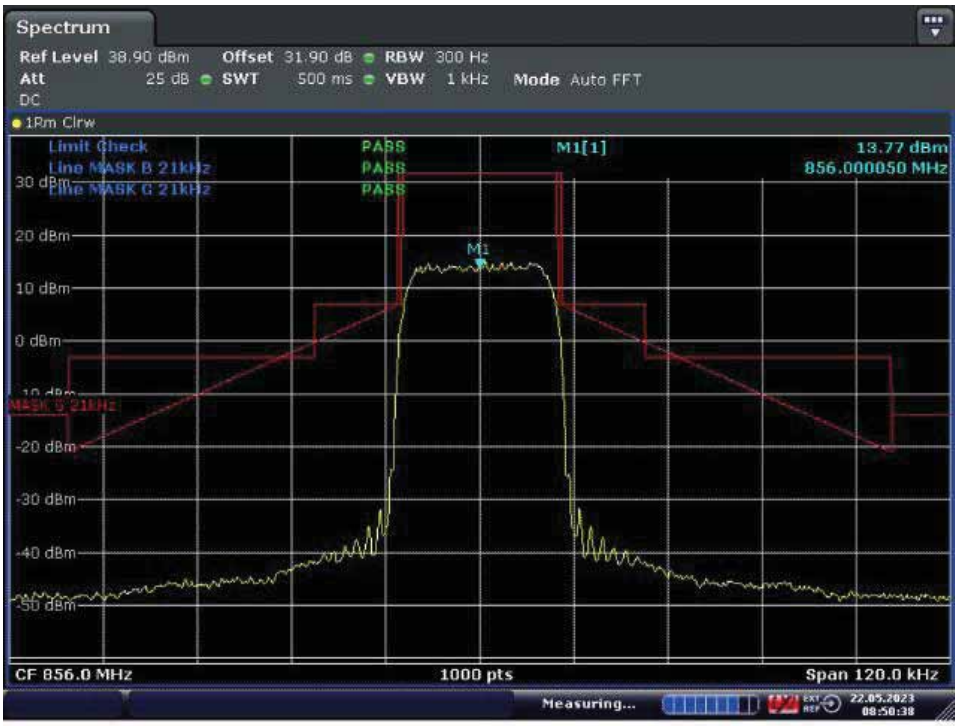
With the input signal amplitude set the AGC threshold
Middle Frequency: 811.0MHz



With the input signal amplitude set 3 dB above the AGC threshold
Middle Frequency: 811.0MHz

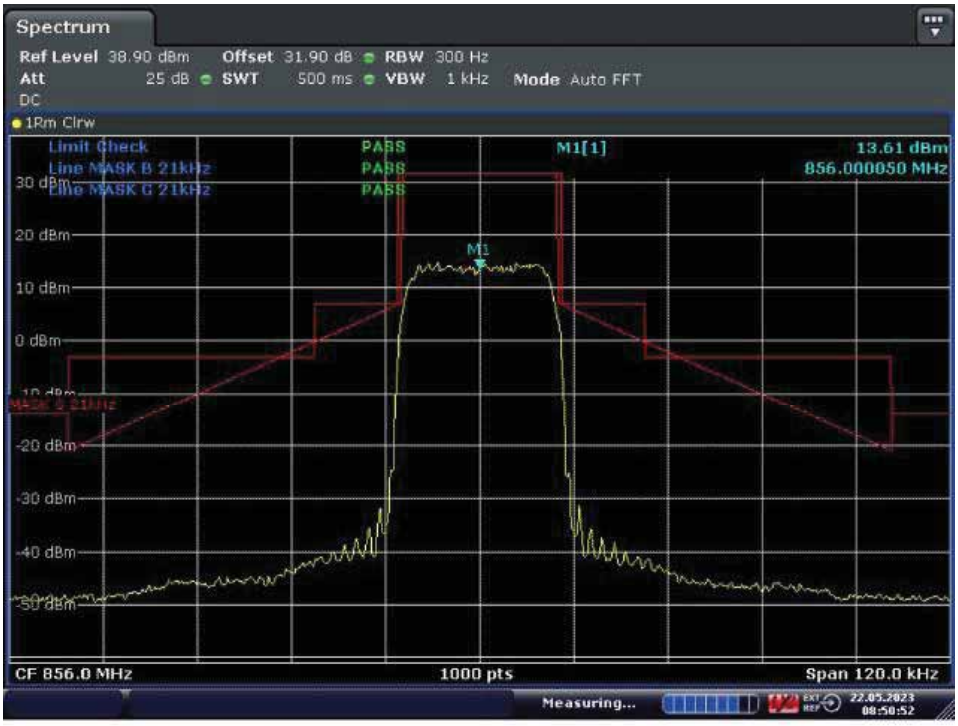
11.15.2.1.2.5. Tetra (Mask B+ Mask G)

11.15.2.1.2.5.1. Downlink transmit



Date: 22.MAY.2023 08:50:38

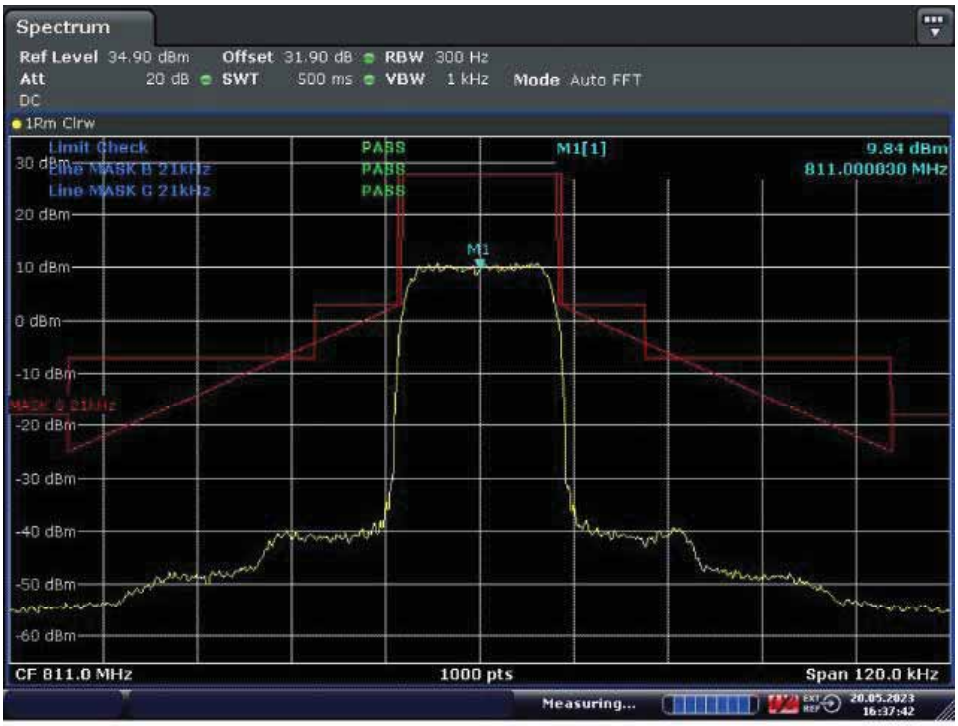
With the input signal amplitude set the AGC threshold
Middle Frequency: 856.0MHz



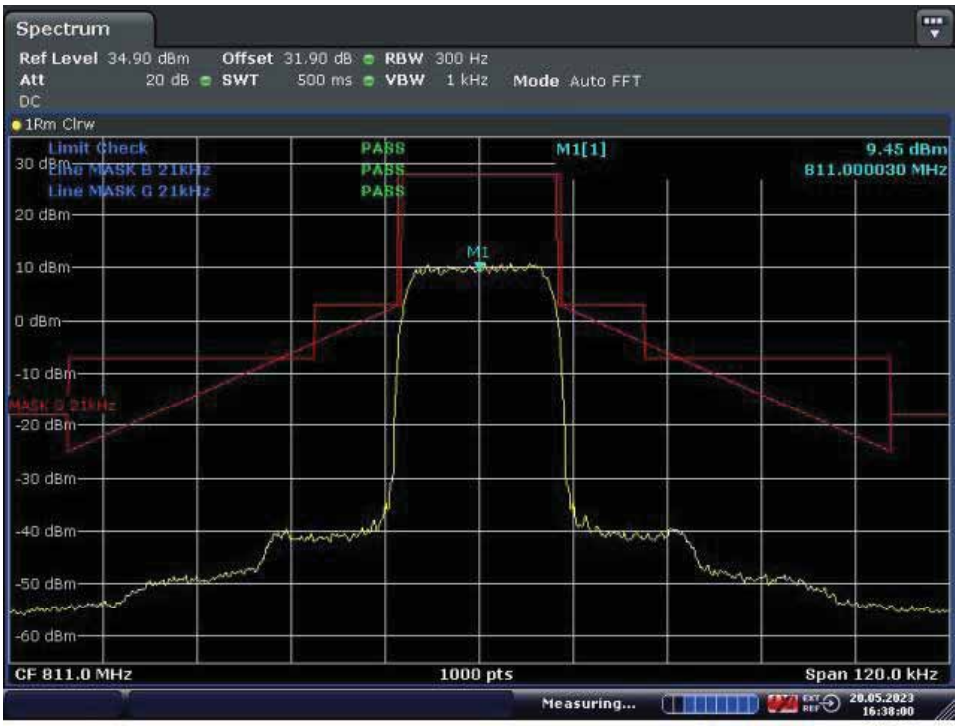
Date: 22.MAY.2023 08:50:52

With the input signal amplitude set 3 dB above the AGC threshold
Middle Frequency: 856.0MHz

11.15.2.1.2.5.2. Uplink transmit



With the input signal amplitude set the AGC threshold
Middle Frequency: 811.0MHz



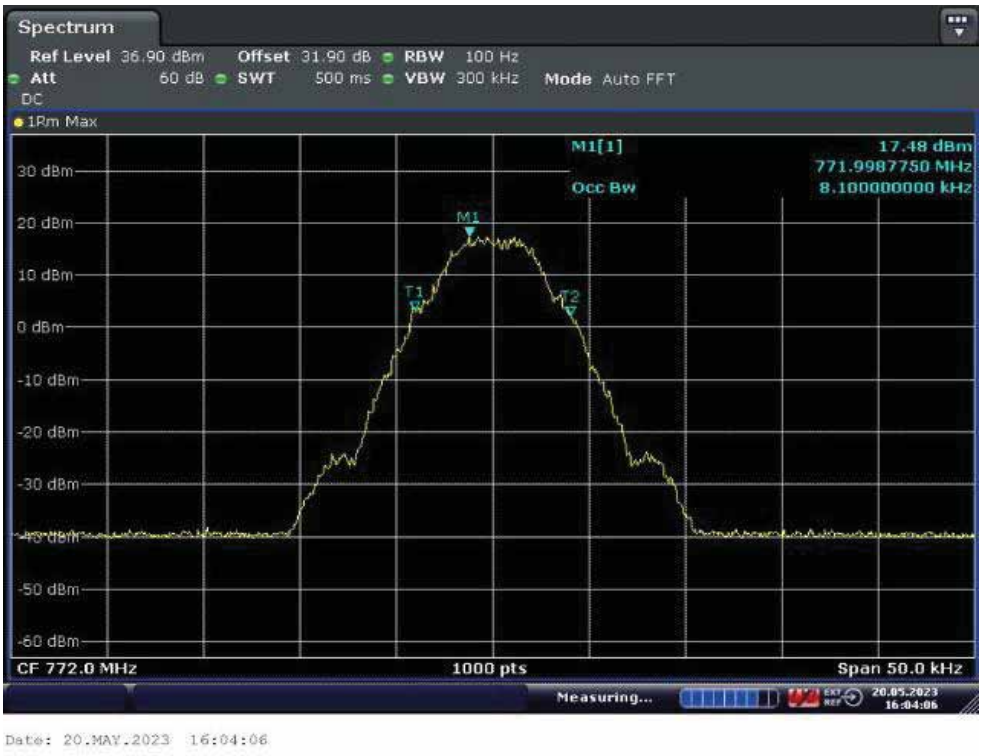
With the input signal amplitude set 3 dB above the AGC threshold
Middle Frequency: 811.0MHz

11.15.2.2. Occupied bandwidth

11.15.2.2.1. 700MHz Band

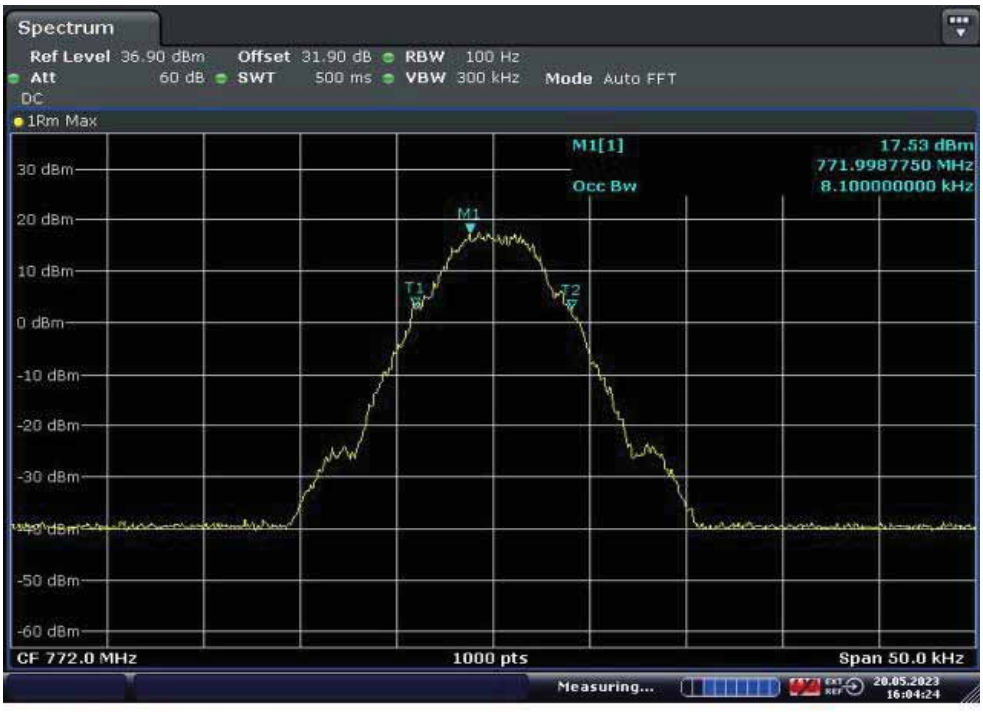
11.15.2.2.1.1. P25 Phase I(C4FM)

11.15.2.2.1.1.1. Downlink



Date: 20.MAY.2023 16:04:06

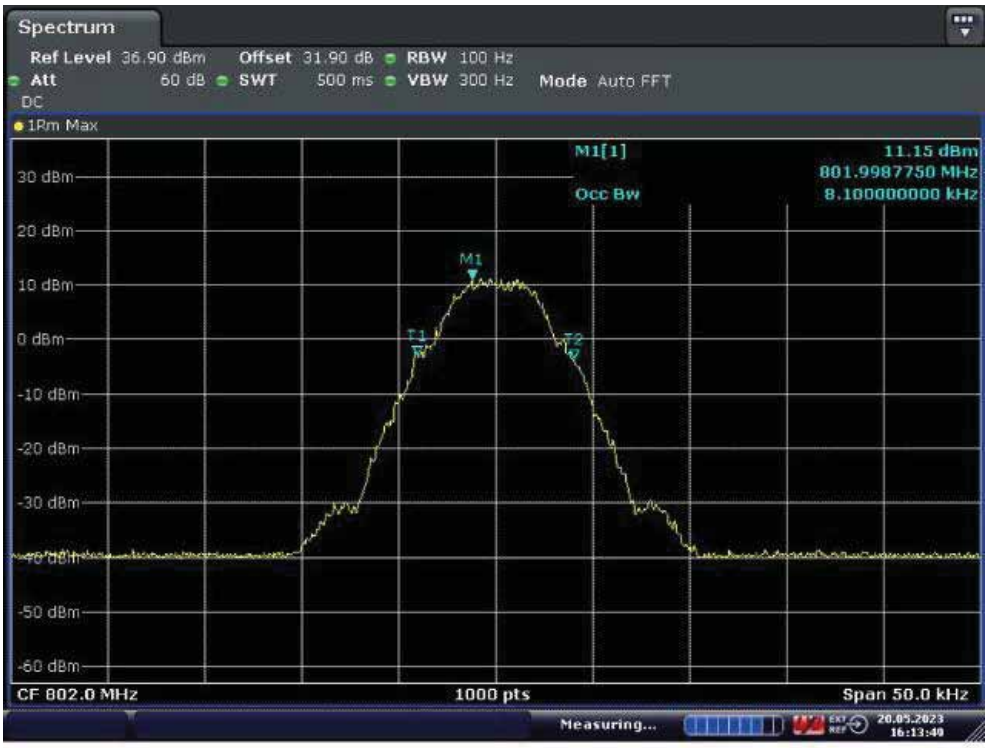
Middle Frequency: 772.0MHz, Output occupied BW(AGC)



Date: 20.MAY.2023 16:04:24

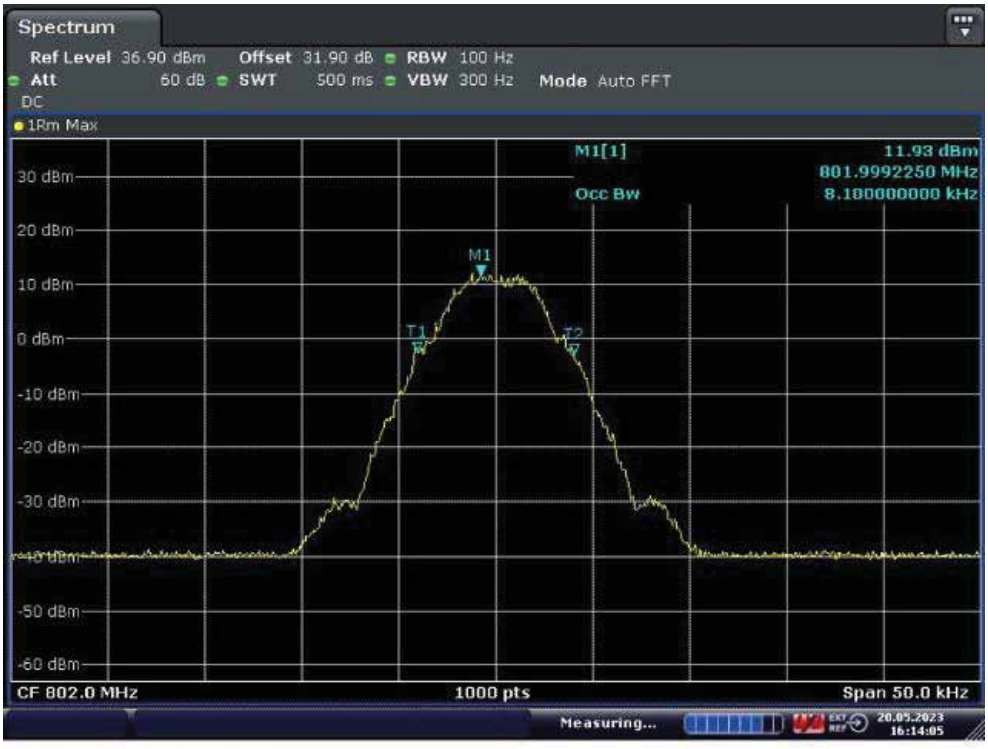
Middle Frequency: 772.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

11.15.2.2.1.1.2. Uplink



Date: 20.MAY.2023 16:13:48

Middle Frequency: 802.0MHz, Output occupied BW(AGC)

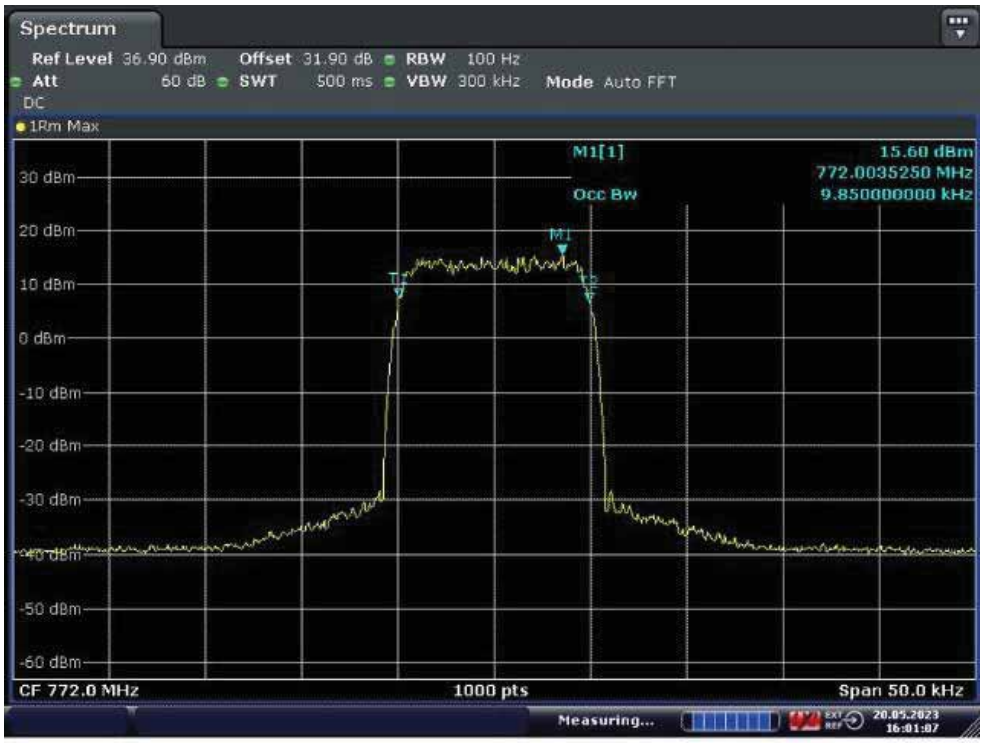


Date: 20.MAY.2023 16:14:05

Middle Frequency: 802.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

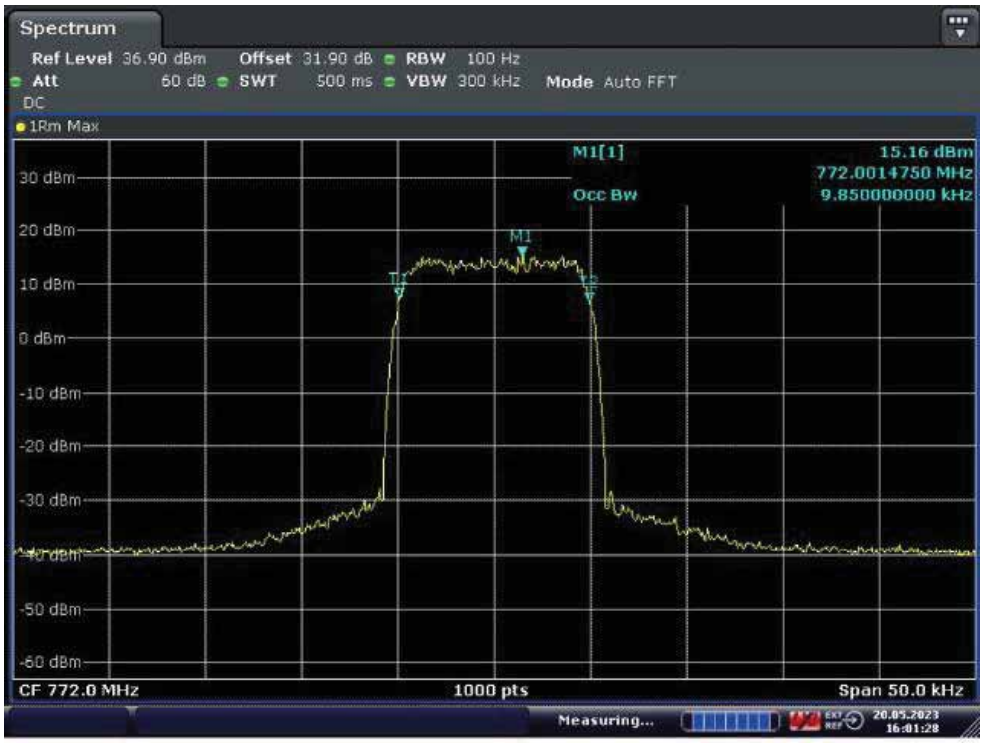
11.15.2.2.1.2. P25 Phase II(H-DQPSK)

11.15.2.2.1.2.1. Downlink



Date: 20.MAY.2023 16:01:07

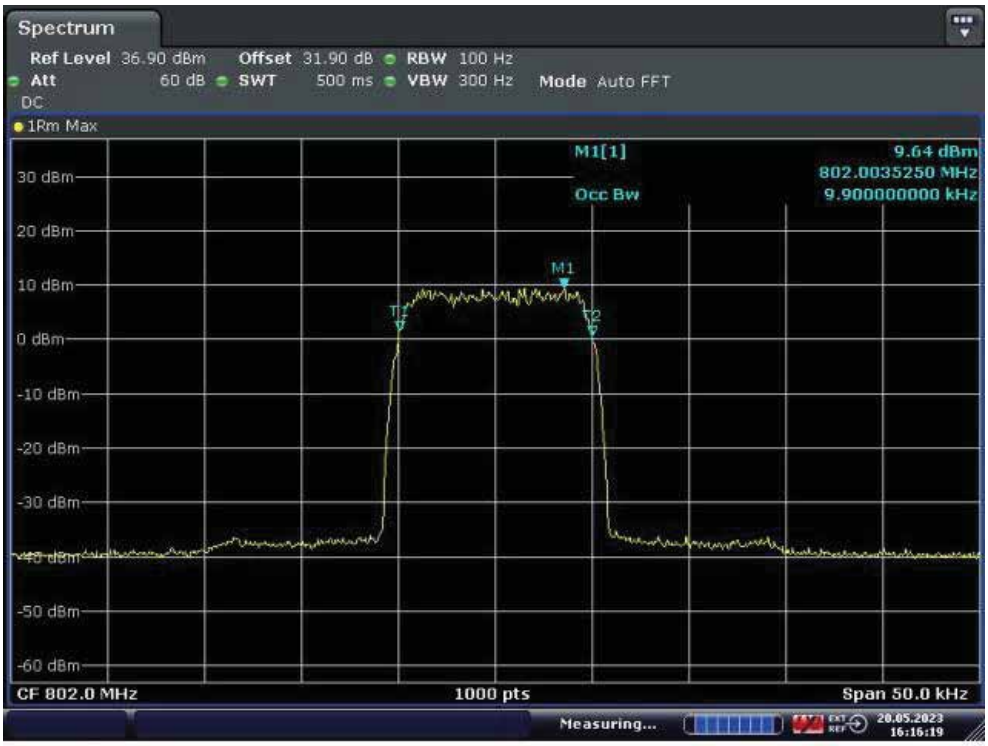
Middle Frequency: 772.0MHz, Output occupied BW(AGC)



Date: 20.MAY.2023 16:01:28

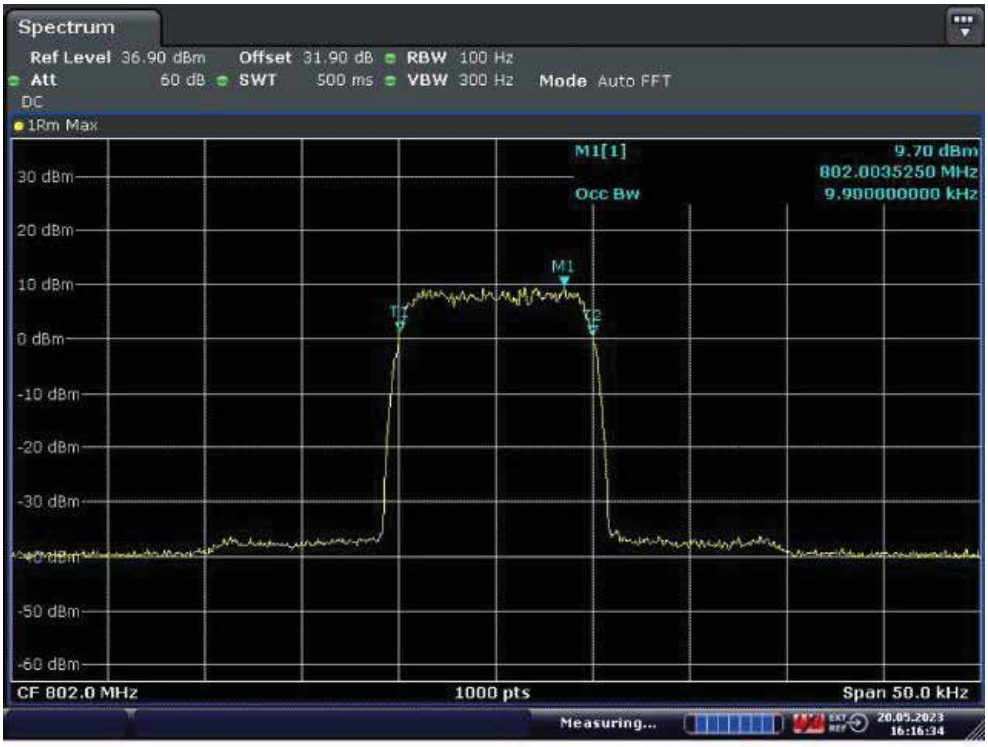
Middle Frequency: 772.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

11.15.2.2.1.2.2. Uplink



Date: 20.MAY.2023 16:16:19

Middle Frequency: 802.0MHz, Output occupied BW(AGC)

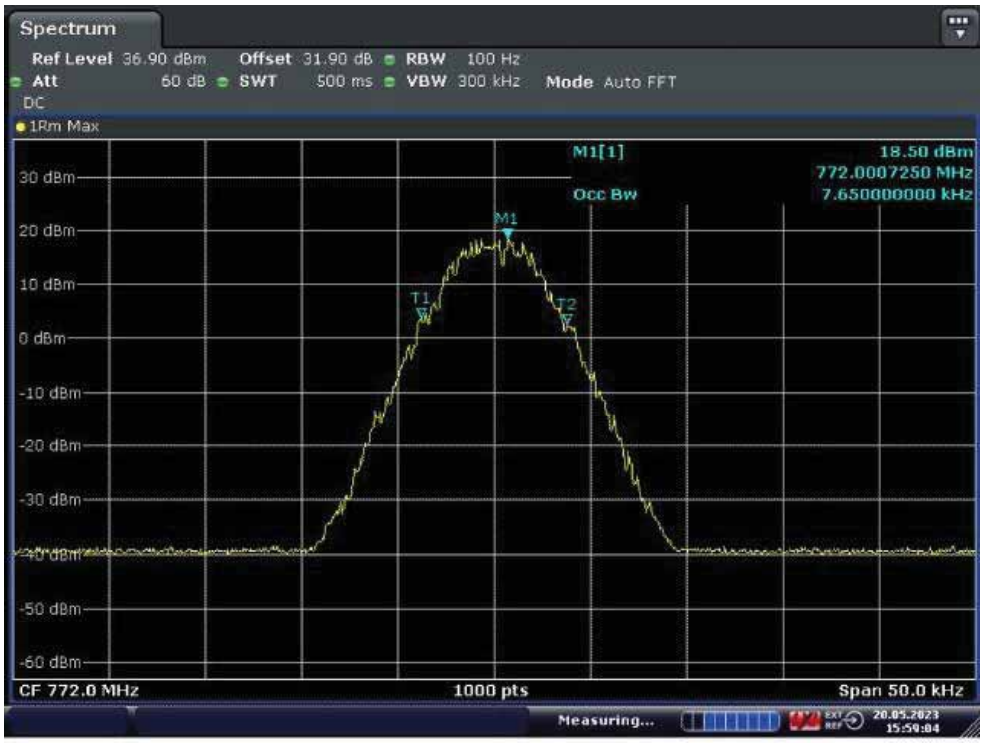


Date: 20.MAY.2023 16:16:34

Middle Frequency: 802.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

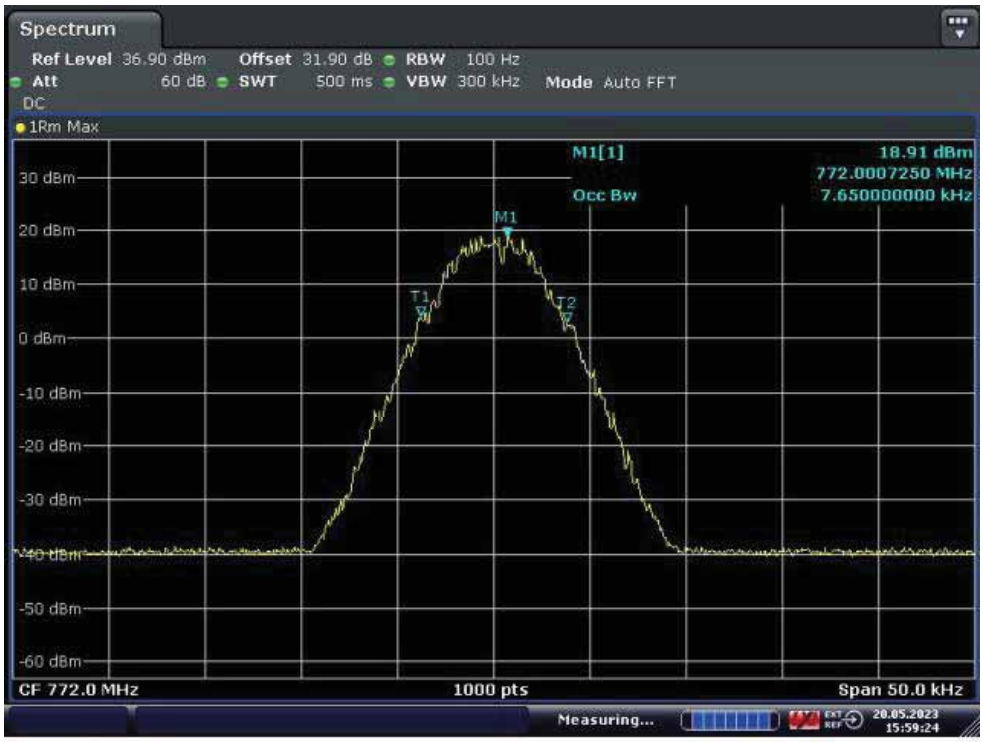
11.15.2.2.1.3. DMR

11.15.2.2.1.3.1. Downlink



Date: 20.MAY.2023 15:59:04

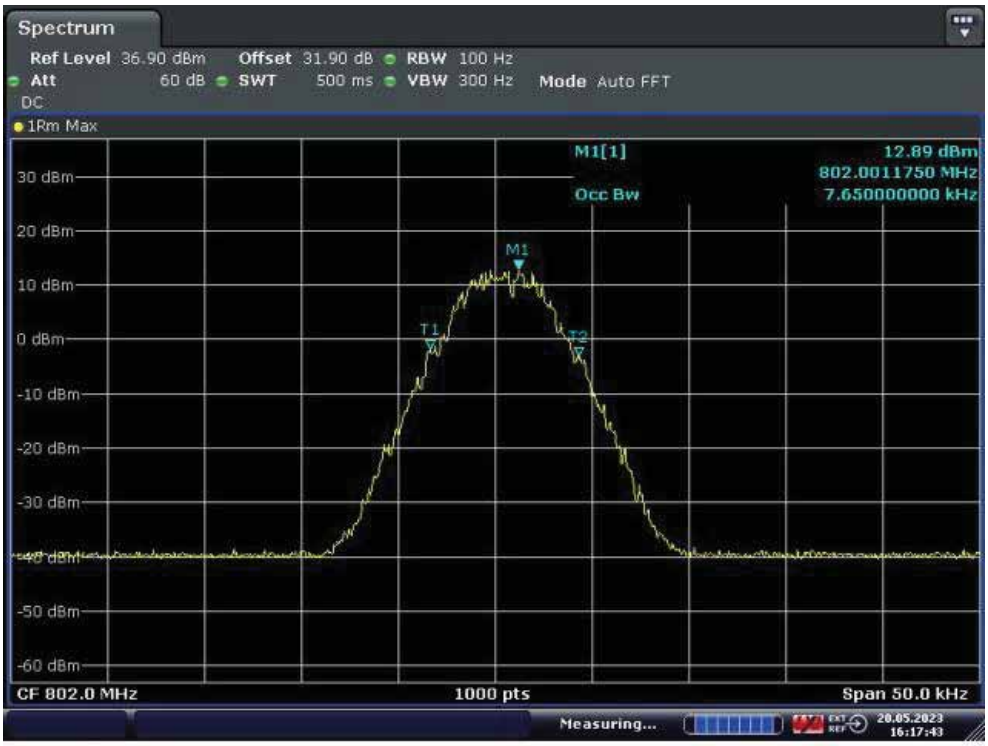
Middle Frequency: 772.0MHz, Output occupied BW(AGC)



Date: 20.MAY.2023 15:59:24

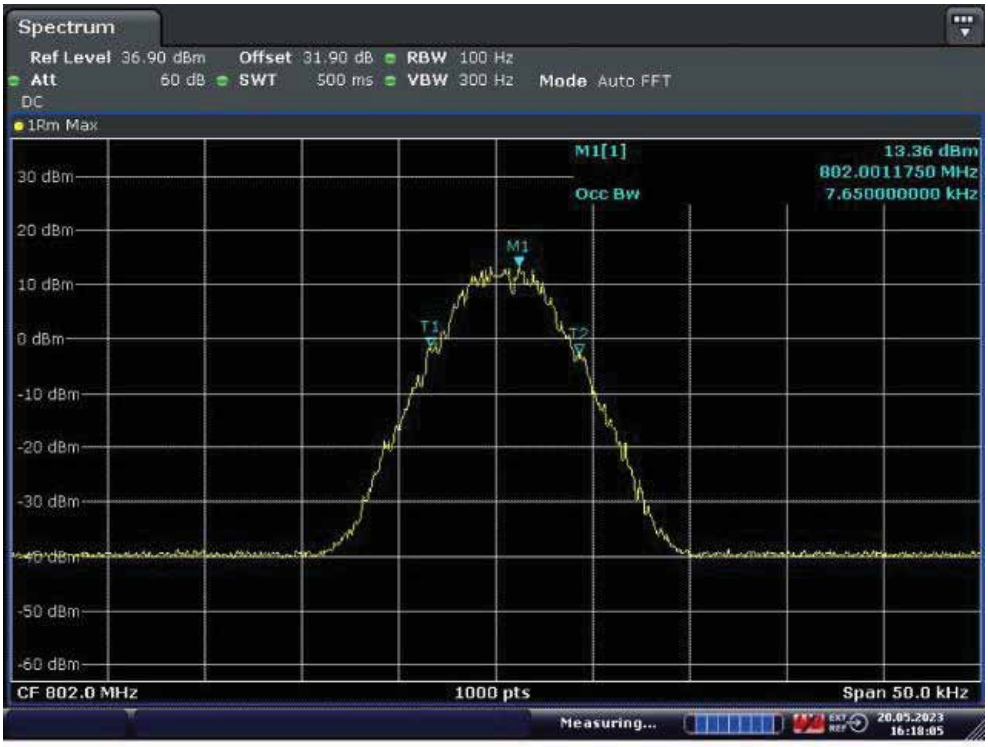
Middle Frequency: 772.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

11.15.2.2.1.3.2. Uplink



Date: 20.MAY.2023 16:17:43

Middle Frequency: 802.0MHz, Output occupied BW(AGC)

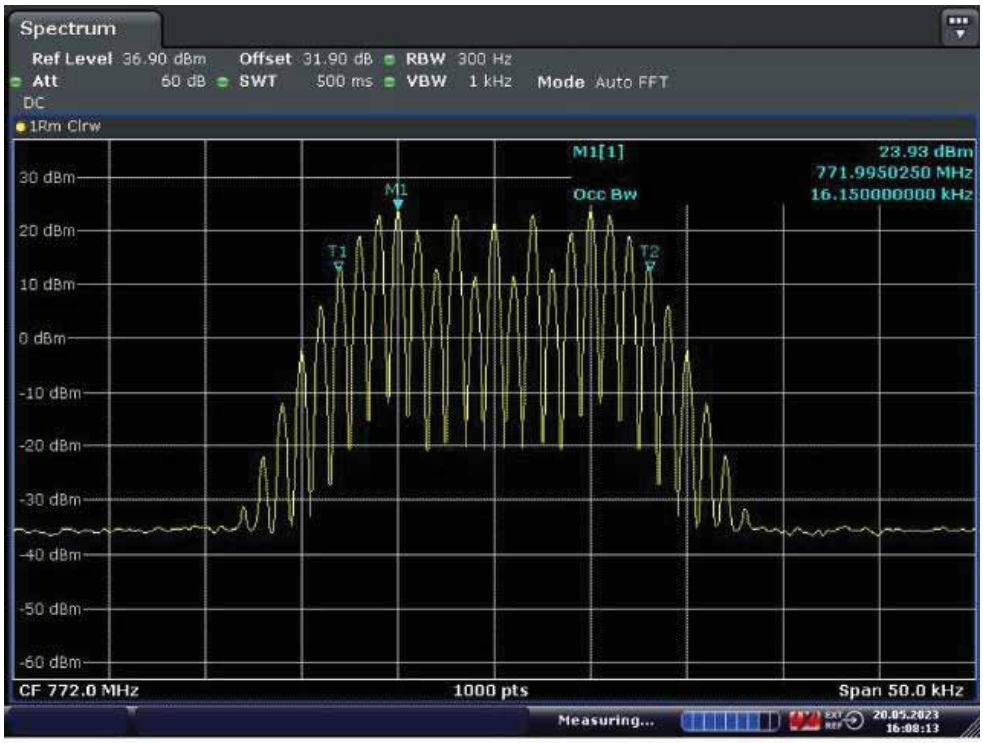


Date: 20.MAY.2023 16:18:05

Middle Frequency: 802.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

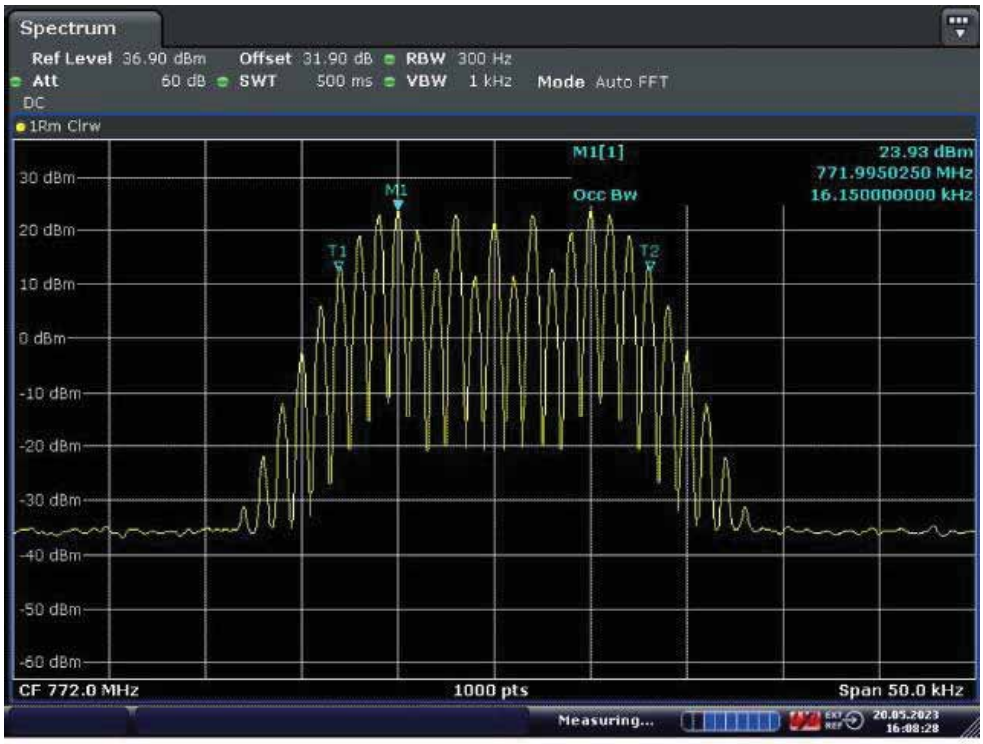
11.15.2.2.1.4. Analog FM

11.15.2.2.1.4.1. Downlink



Date: 20.MAY.2023 16:08:13

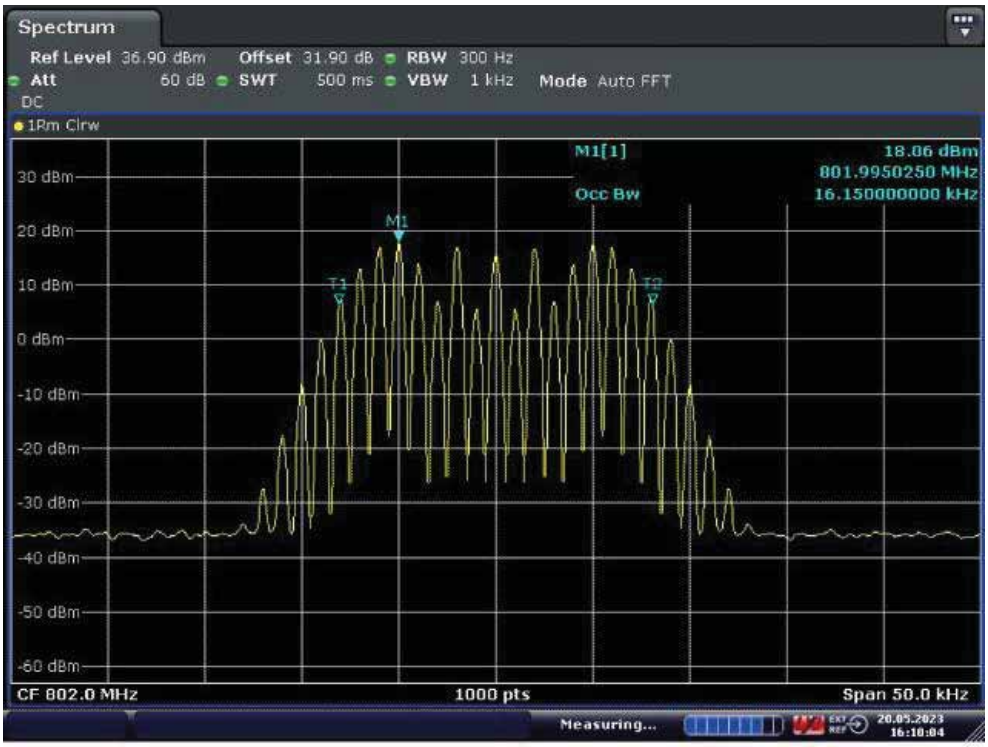
Middle Frequency: 772.0MHz, Output occupied BW(AGC)



Date: 20.MAY.2023 16:08:27

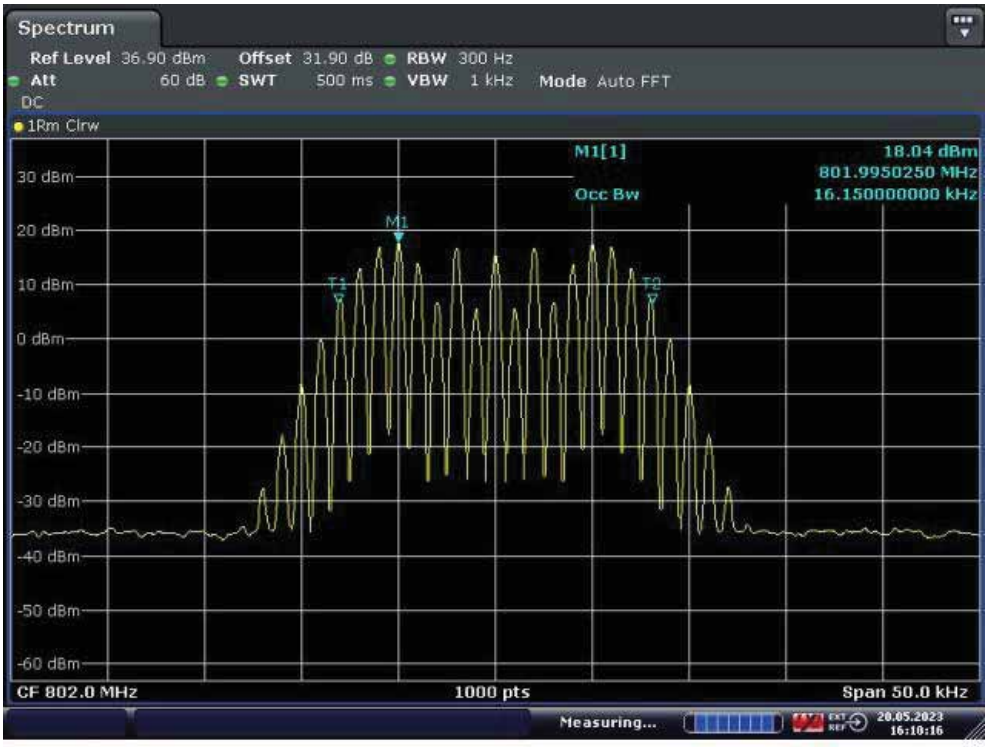
Middle Frequency: 772.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

11.15.2.2.1.4.2. Uplink



Date: 20.MAY.2023 16:10:04

Middle Frequency: 802.0MHz, Output occupied BW(AGC)

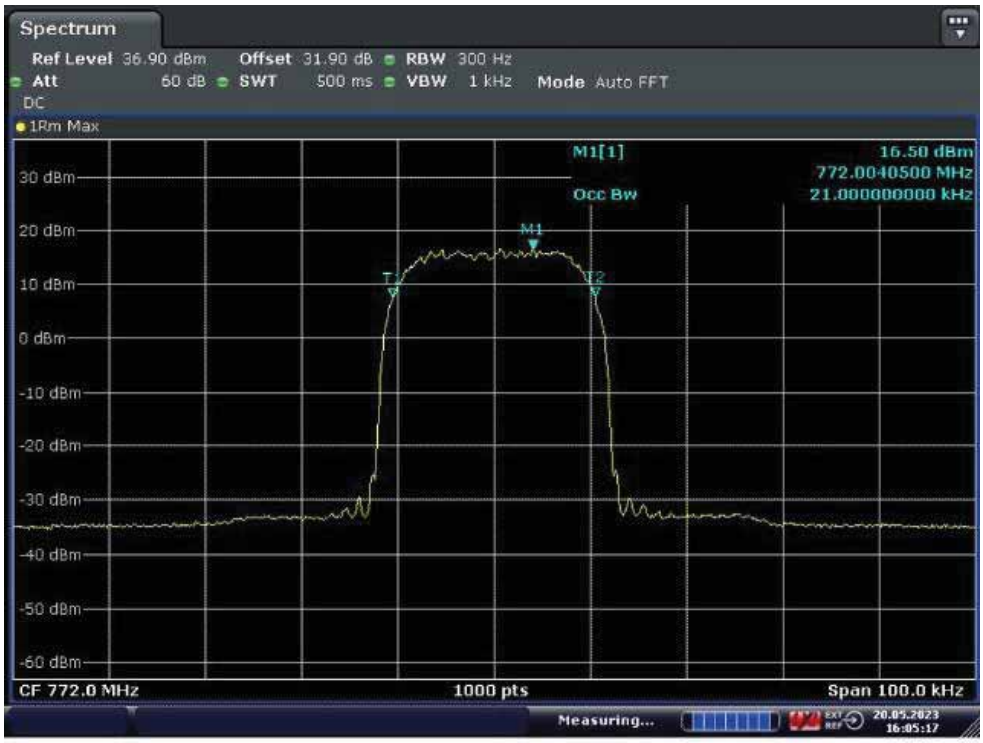


Date: 20.MAY.2023 16:10:16

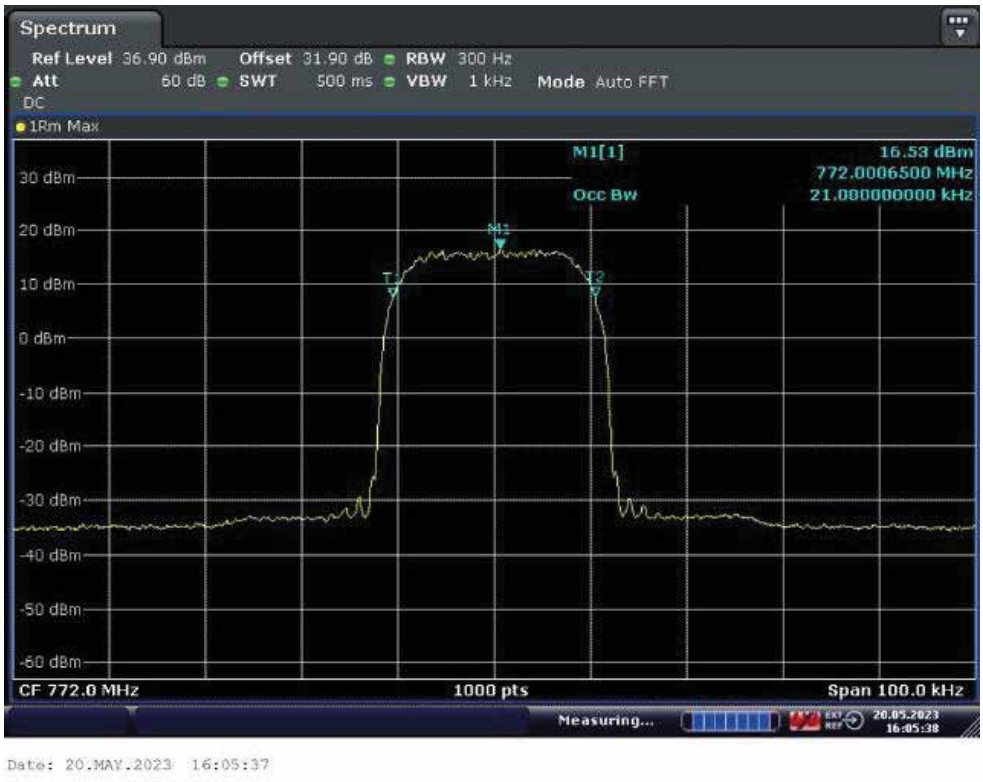
Middle Frequency: 802.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

11.15.2.2.1.5. Tetra

11.15.2.2.1.5.1. Downlink

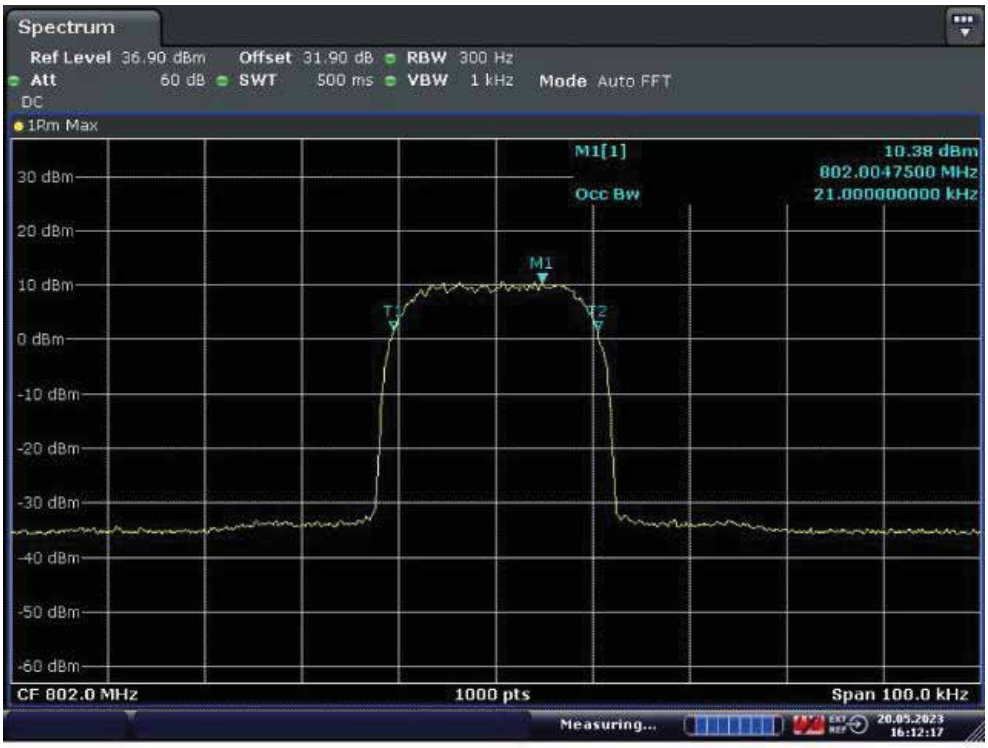


Middle Frequency: 772.0MHz, Output occupied BW(AGC)



Middle Frequency: 772.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

11.15.2.2.1.5.2. Uplink



Date: 20.MAY.2023 16:12:17

Middle Frequency: 802.0MHz, Output occupied BW(AGC)

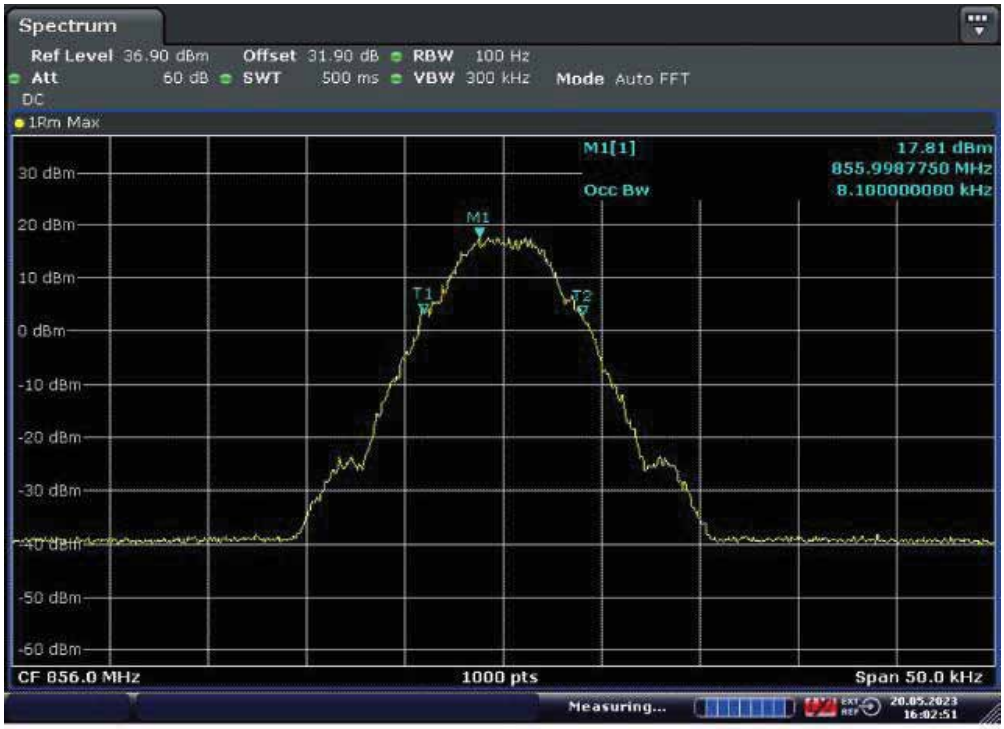
Date: 20.MAY.2023 16:12:37

Middle Frequency: 802.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

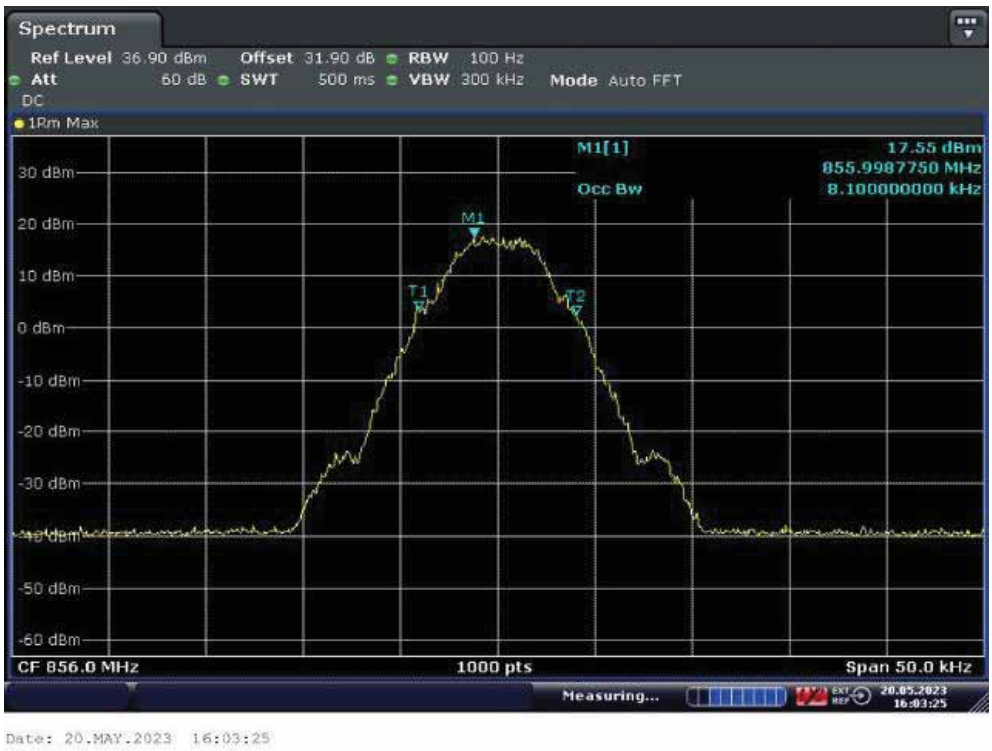
11.15.2.2.2. 800MHz Band

11.15.2.2.2.1. P25 Phase I(C4FM)

11.15.2.2.2.1.1. Downlink

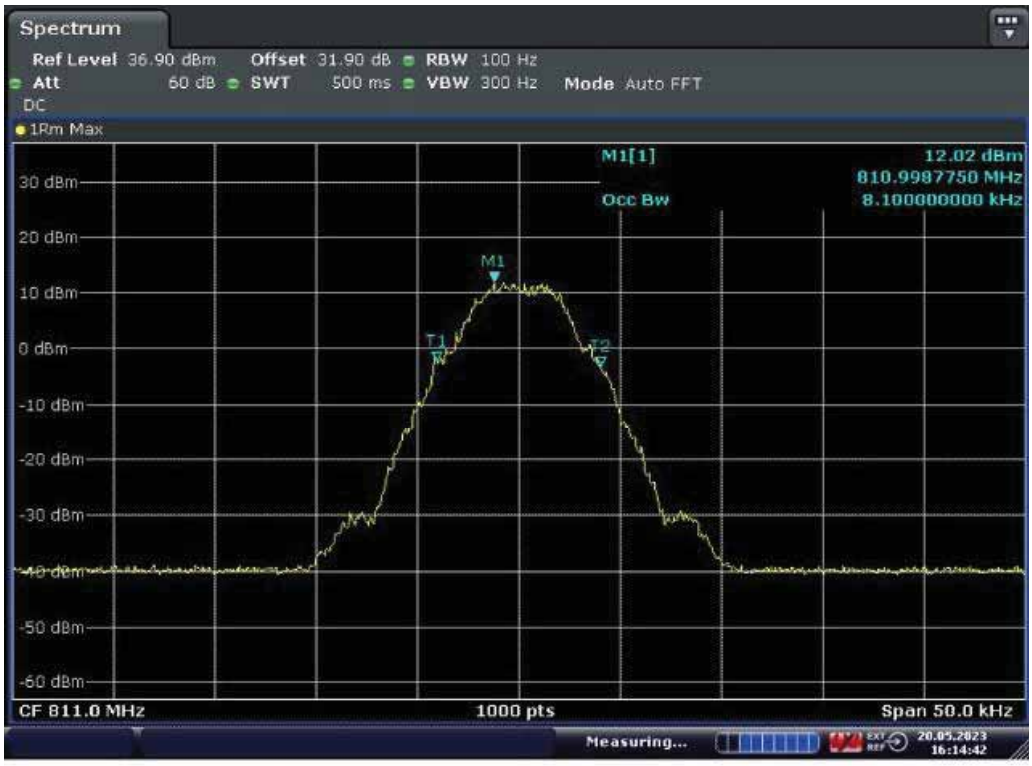


Middle Frequency: 856.0MHz, Output occupied BW(AGC)

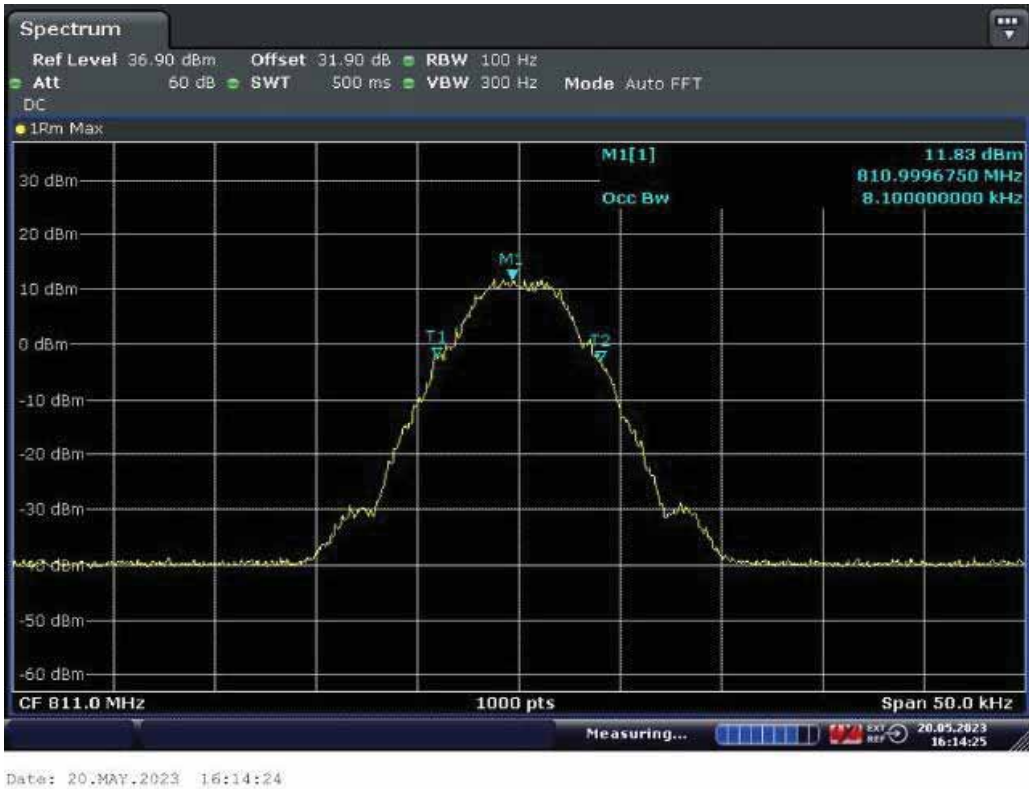


Middle Frequency: 856.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

11.15.2.2.2.1.2. Uplink



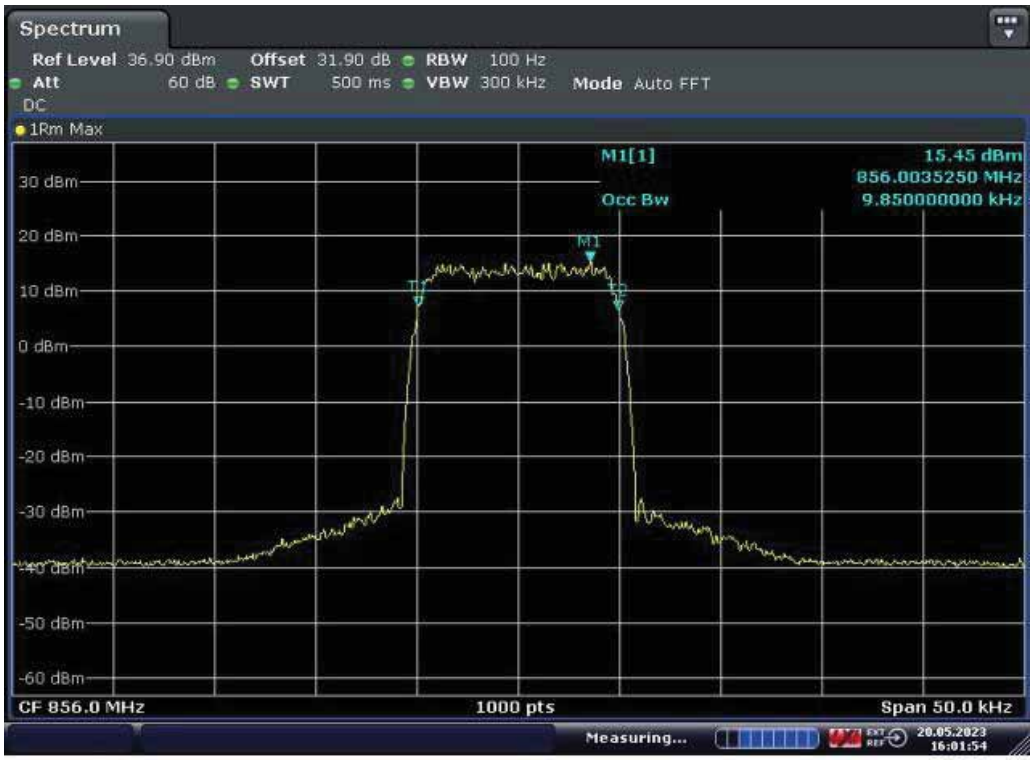
Middle Frequency: 811.0MHz, Output occupied BW(AGC)



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

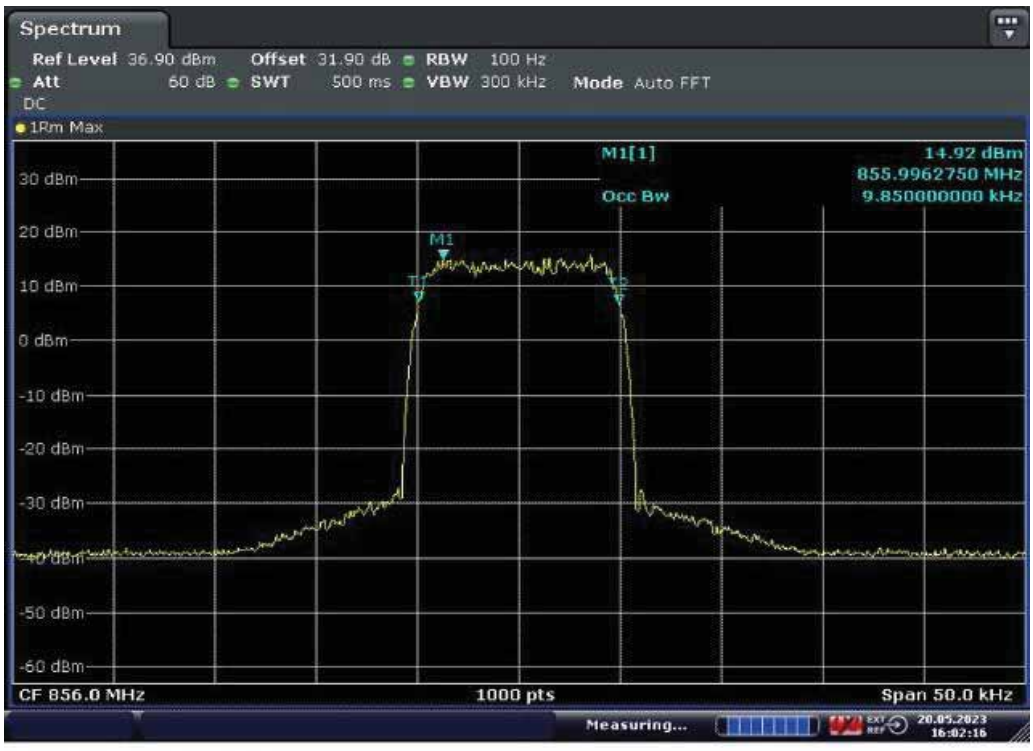
11.15.2.2.2.2. P25 Phase II(H-DQPSK)

11.15.2.2.2.2.1. Downlink



Date: 20.MAY.2023 16:01:54

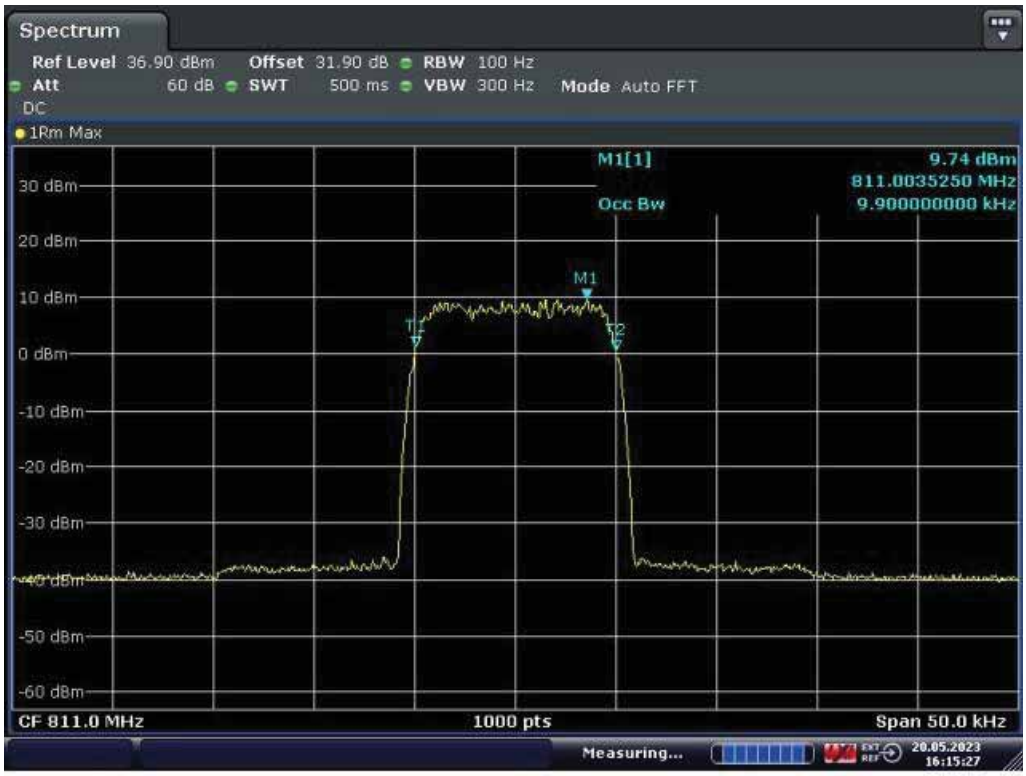
Middle Frequency: 856.0MHz, Output occupied BW(AGC)



Date: 20.MAY.2023 16:02:16

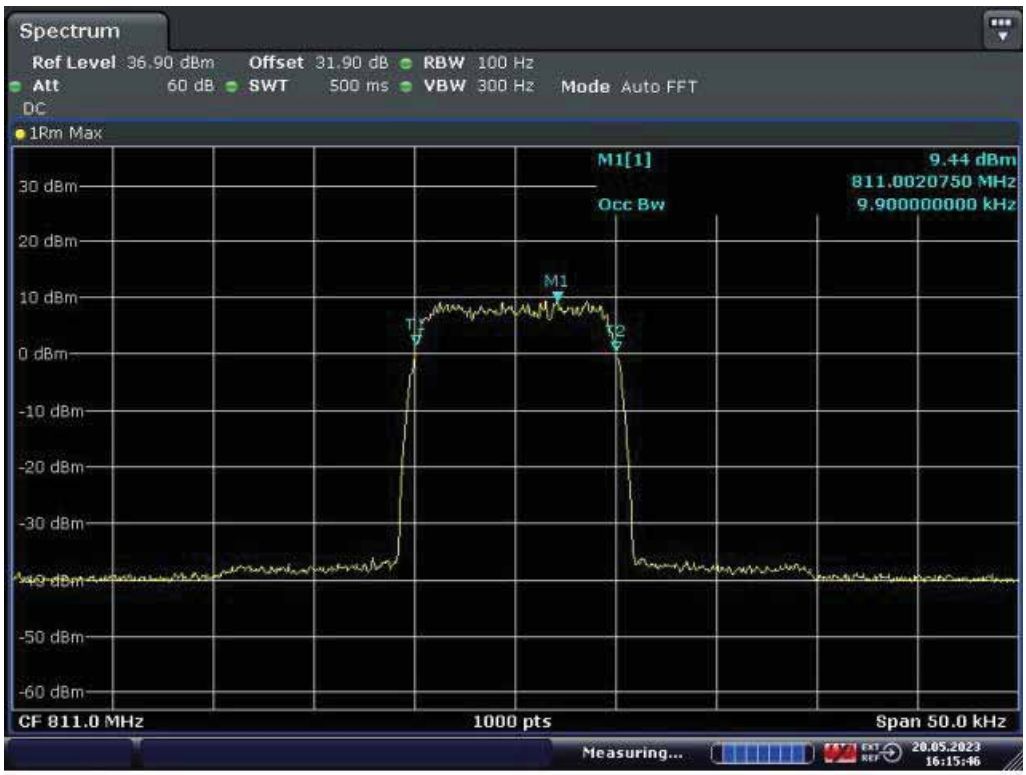
Middle Frequency: 856.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

11.15.2.2.2.2.2. Uplink



Date: 20.MAY.2023 16:15:27

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

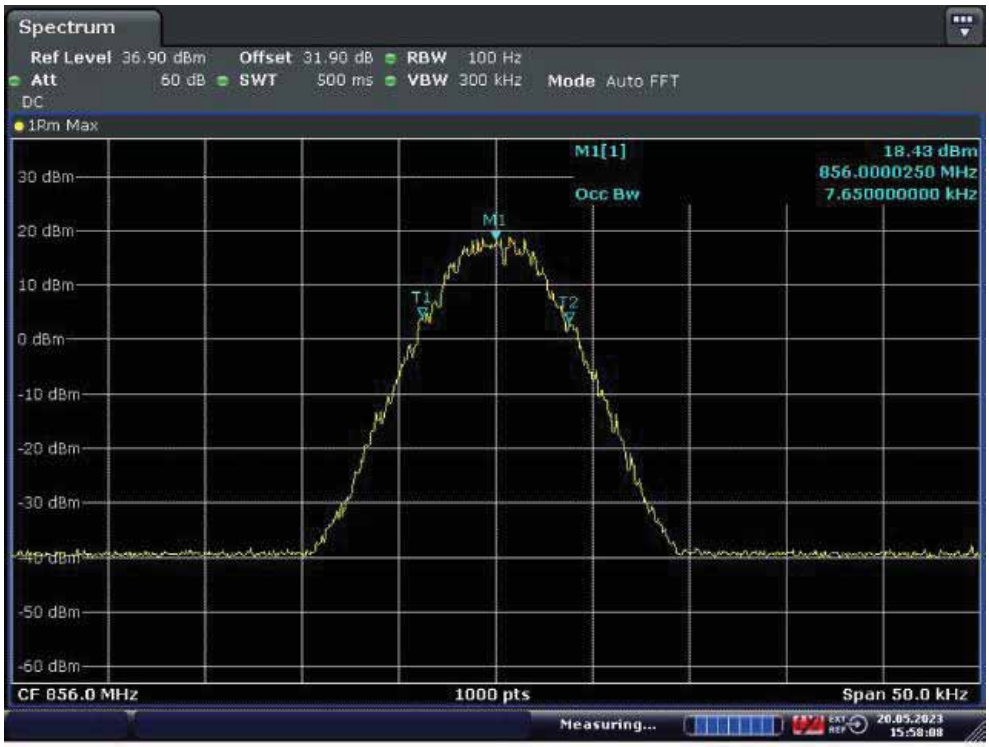


Date: 20.MAY.2023 16:15:45

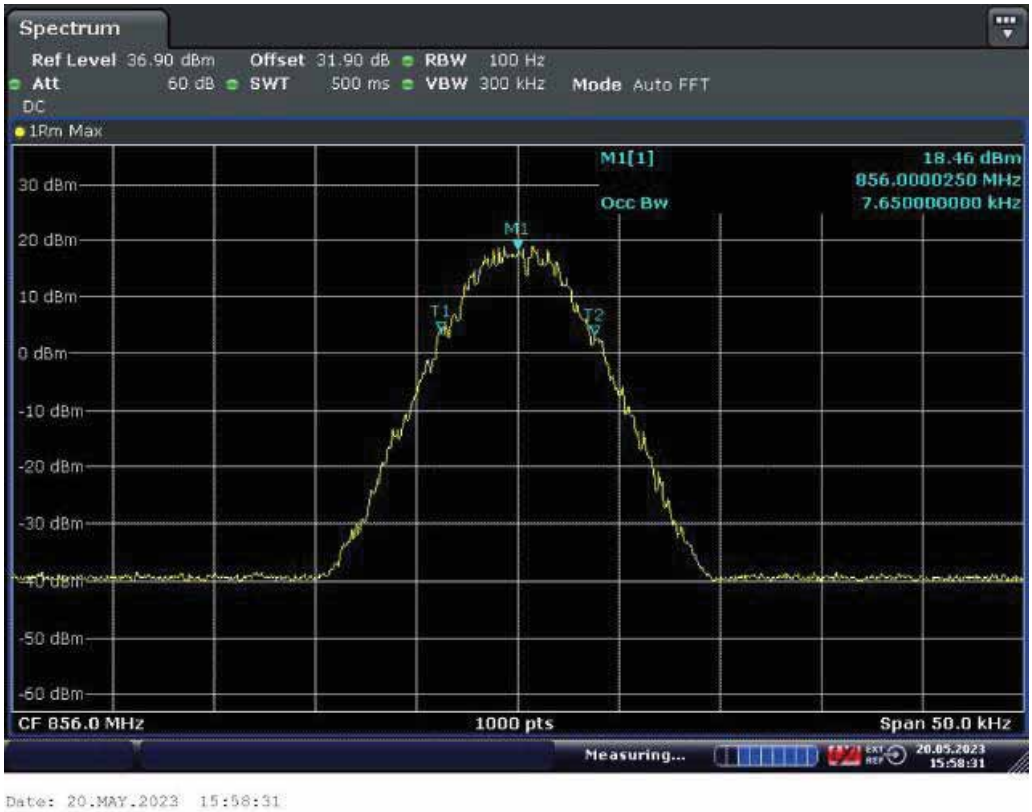
Middle Frequency: 811.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

11.15.2.2.2.3. DMR

11.15.2.2.2.3.1. Downlink

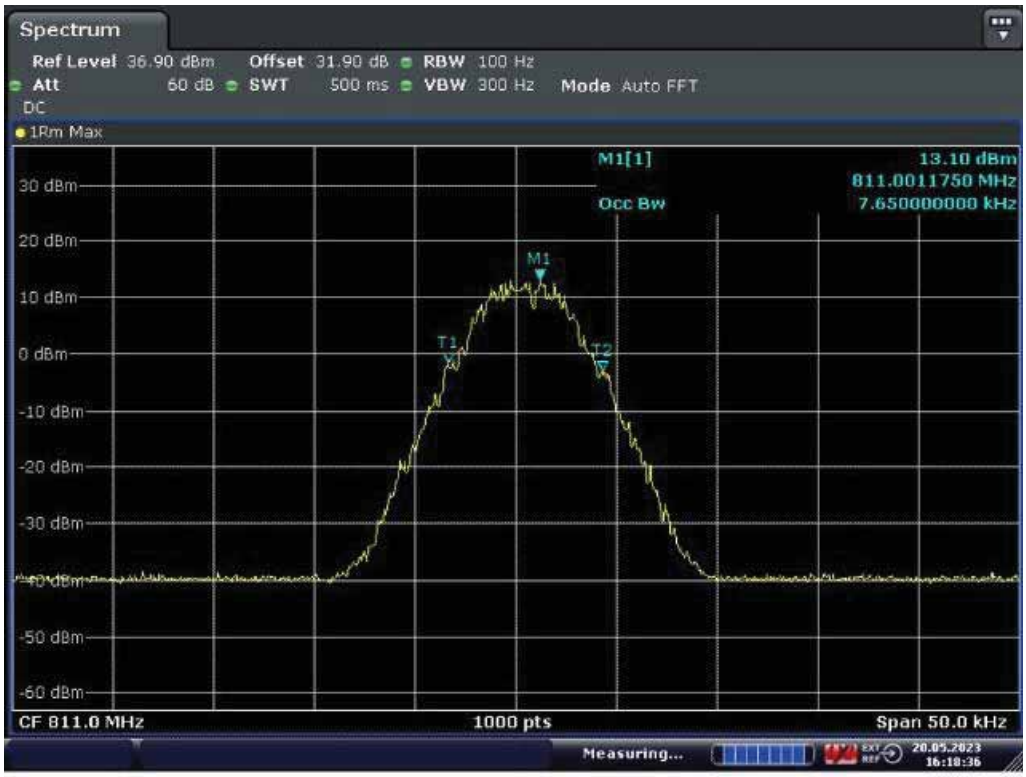


Middle Frequency: 856.0MHz, Output occupied BW(AGC)

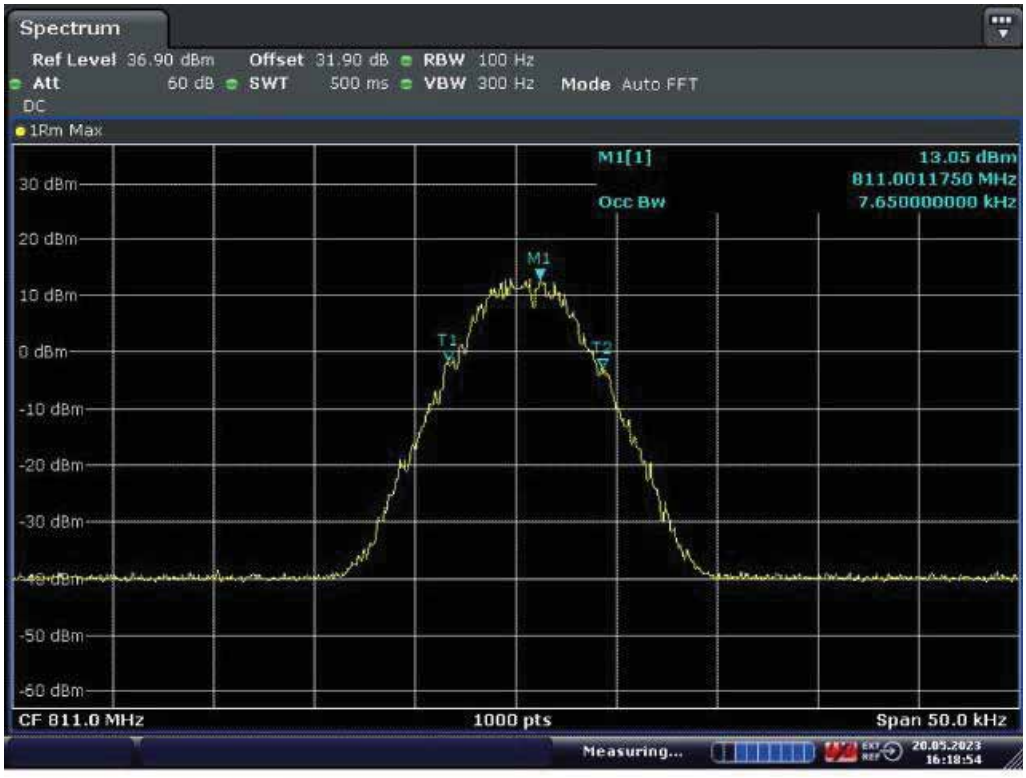


Middle Frequency: 856.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

11.15.2.2.2.3.2. Uplink



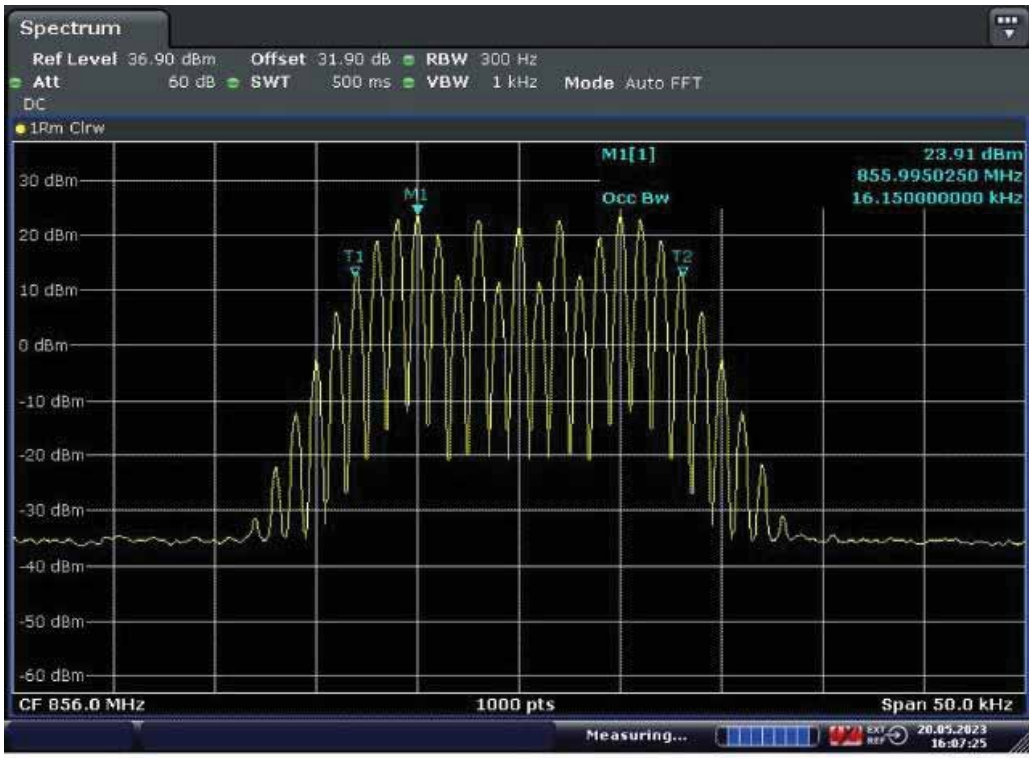
Middle Frequency: 811.0MHz, Output occupied BW(AGC)



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

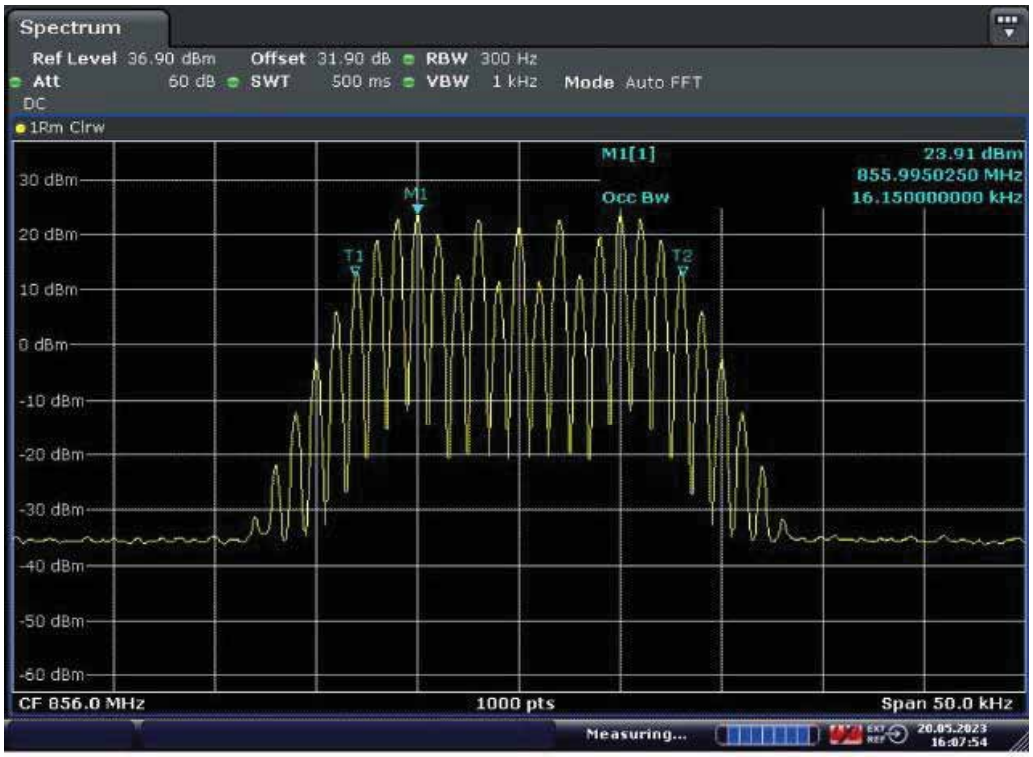
11.15.2.2.2.4. Analog FM

11.15.2.2.2.4.1. Downlink



Date: 20.MAY.2023 16:07:25

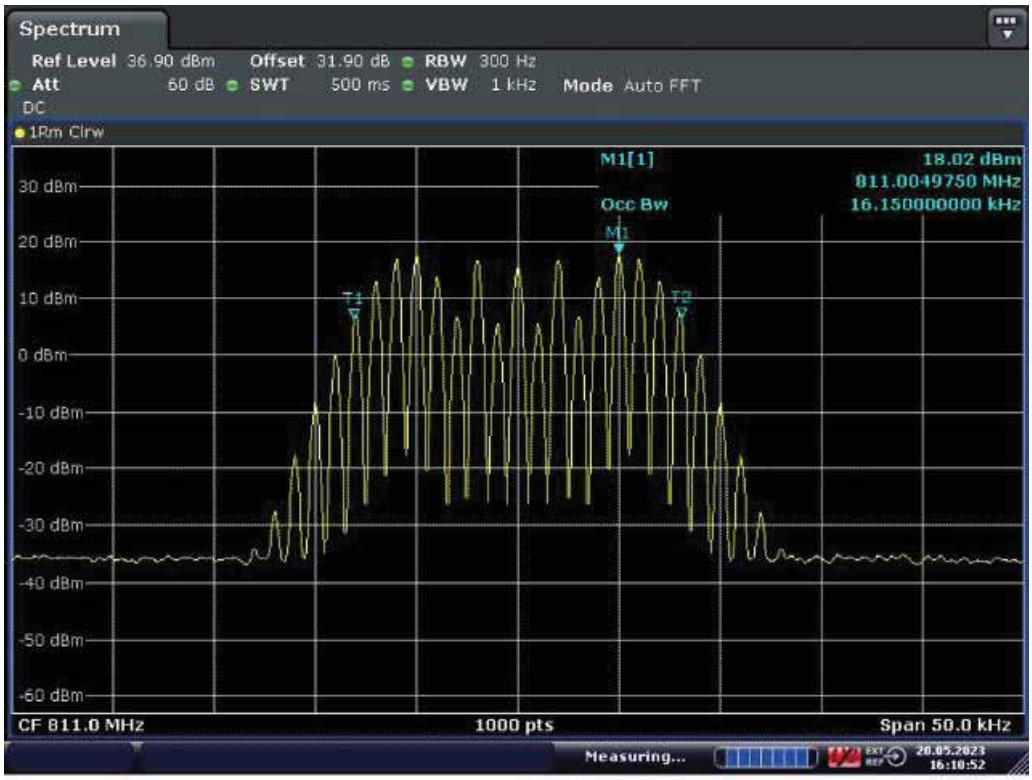
Middle Frequency: 856.0MHz, Output occupied BW(AGC)



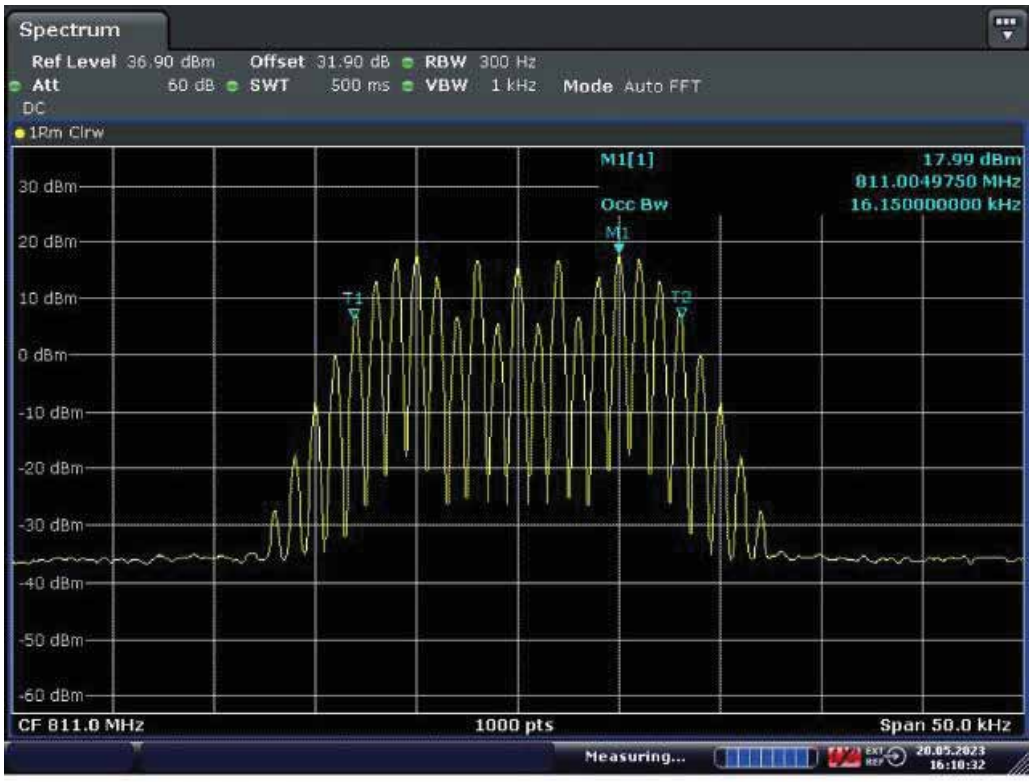
Date: 20.MAY.2023 16:07:54

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

11.15.2.2.2.4.2. Uplink



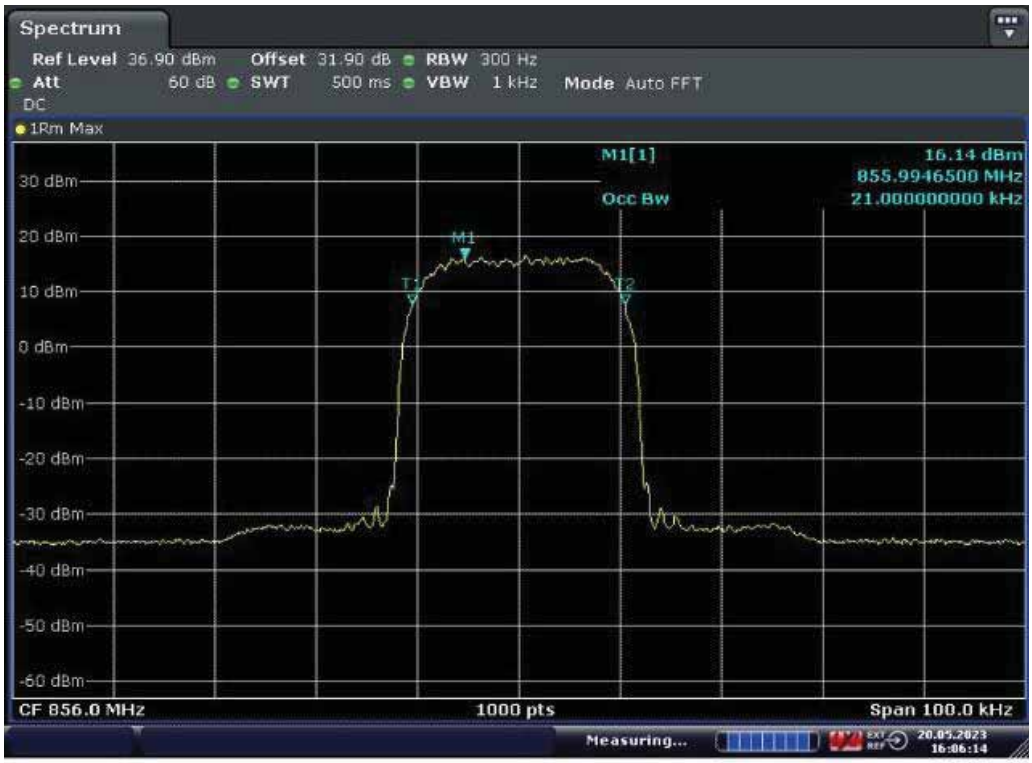
Middle Frequency: 811.0MHz, Output occupied BW(AGC)



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

11.15.2.2.2.5. Tetra

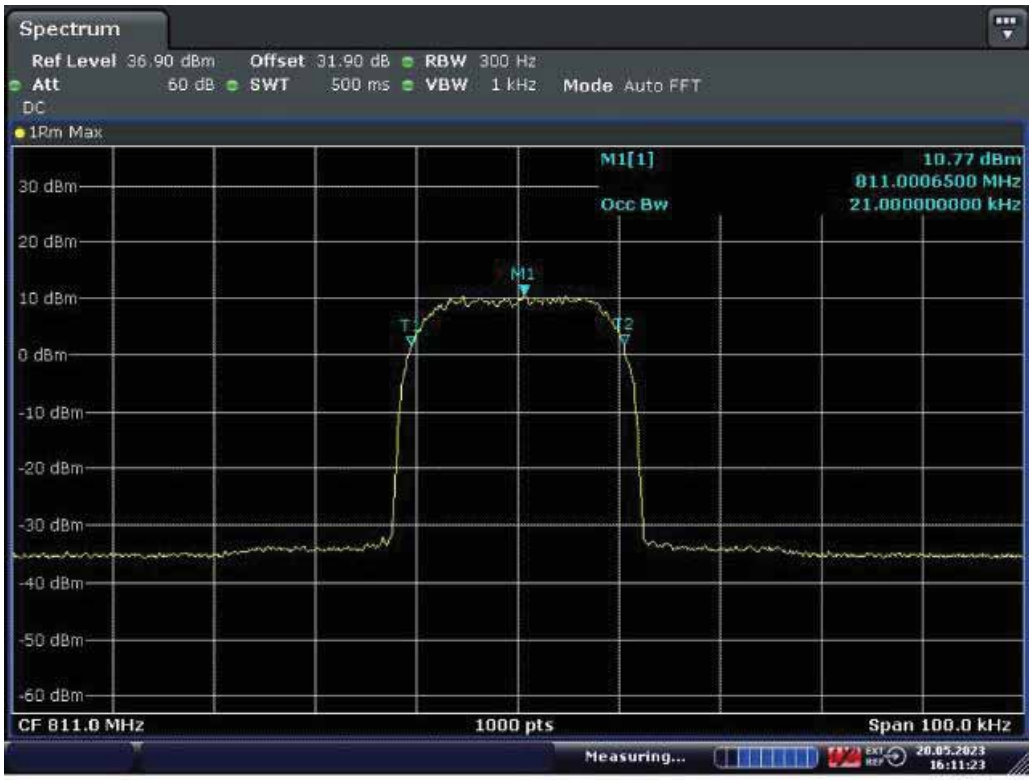
11.15.2.2.2.5.1. Downlink



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

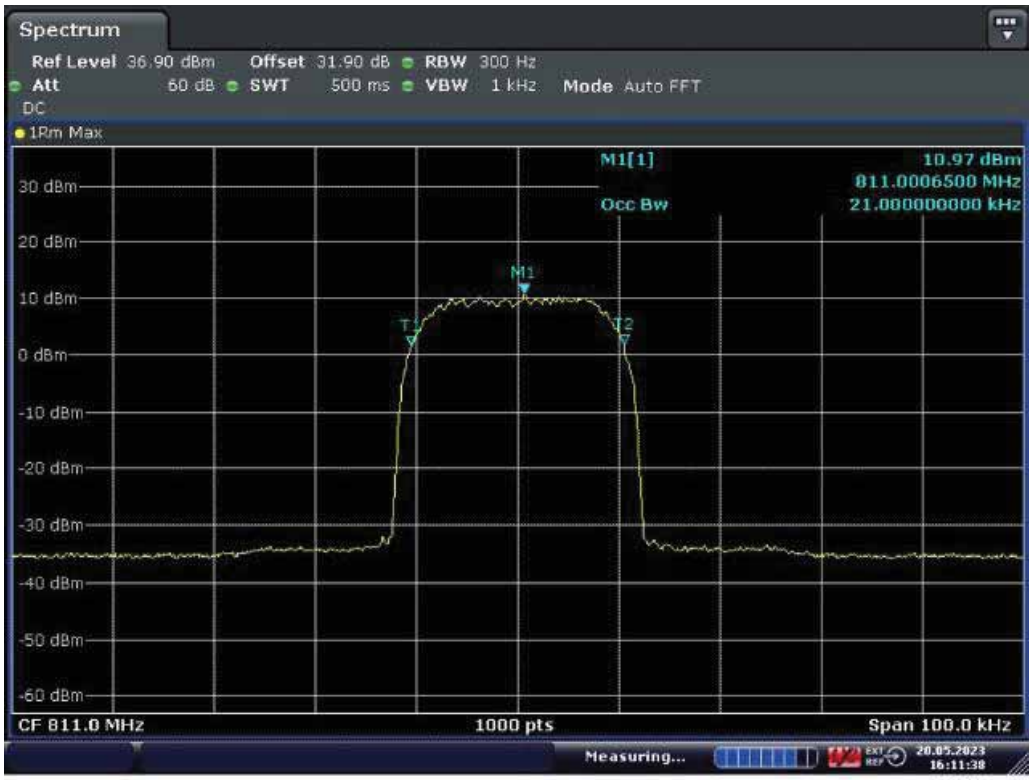
Middle Frequency: 856.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

11.15.2.2.2.5.2. Uplink



Date: 20.MAY.2023 16:11:23

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



Date: 20.MAY.2023 16:11:38

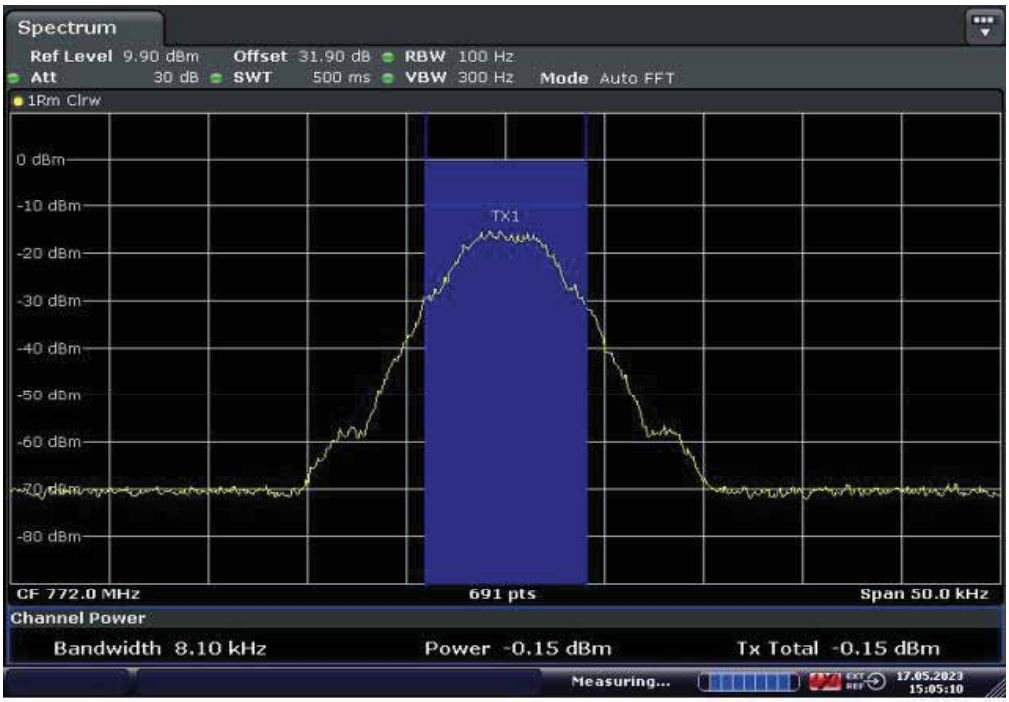
Middle Frequency: 811.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

11.15.2.3. Input VS output Comparison

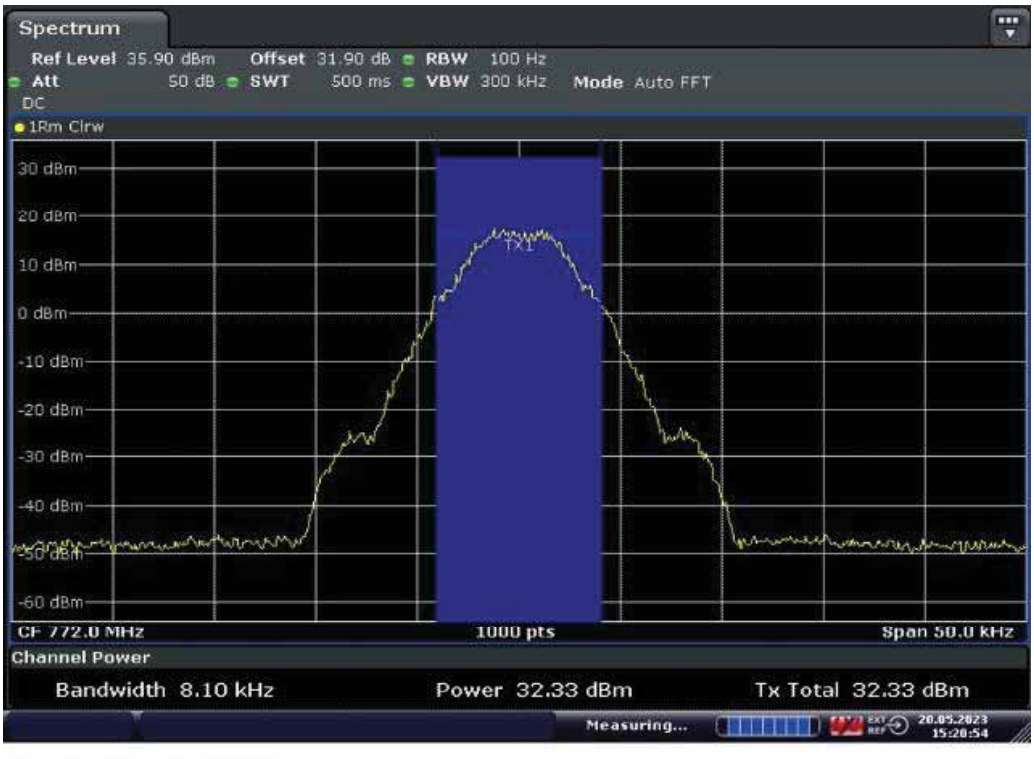
11.15.2.3.1. 700MHz Band

11.15.2.3.1.1. P25 Phase I(C4FM)

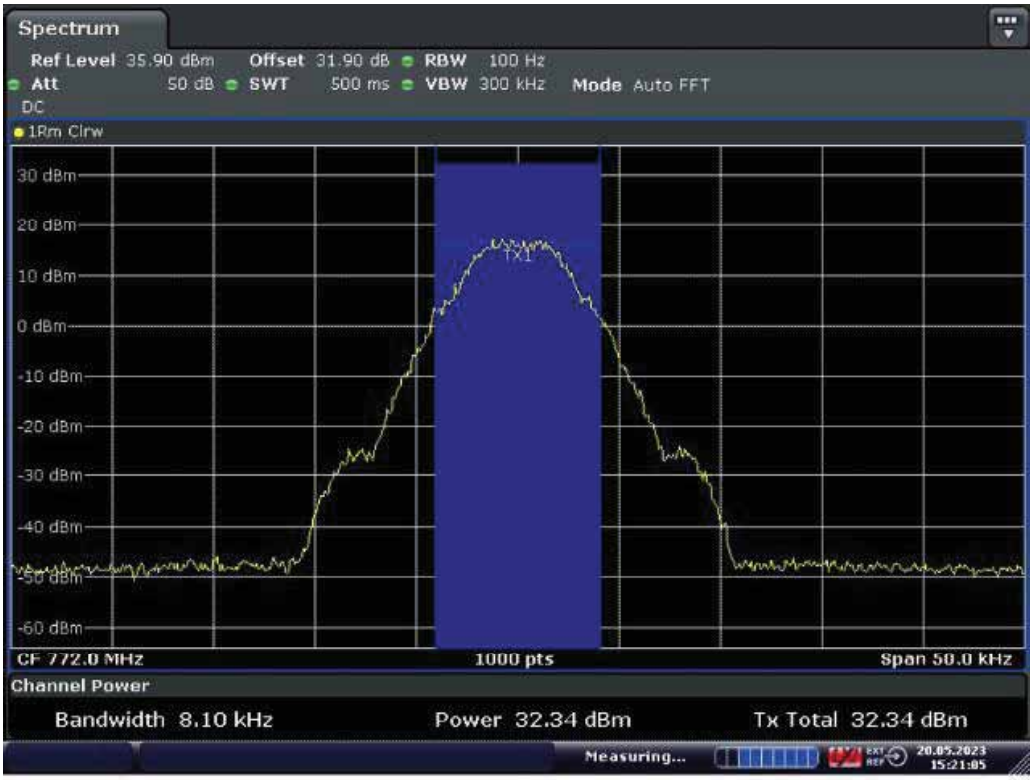
11.15.2.3.1.1.1. Downlink



Middle Frequency: 772.0MHz, Input occupied BW

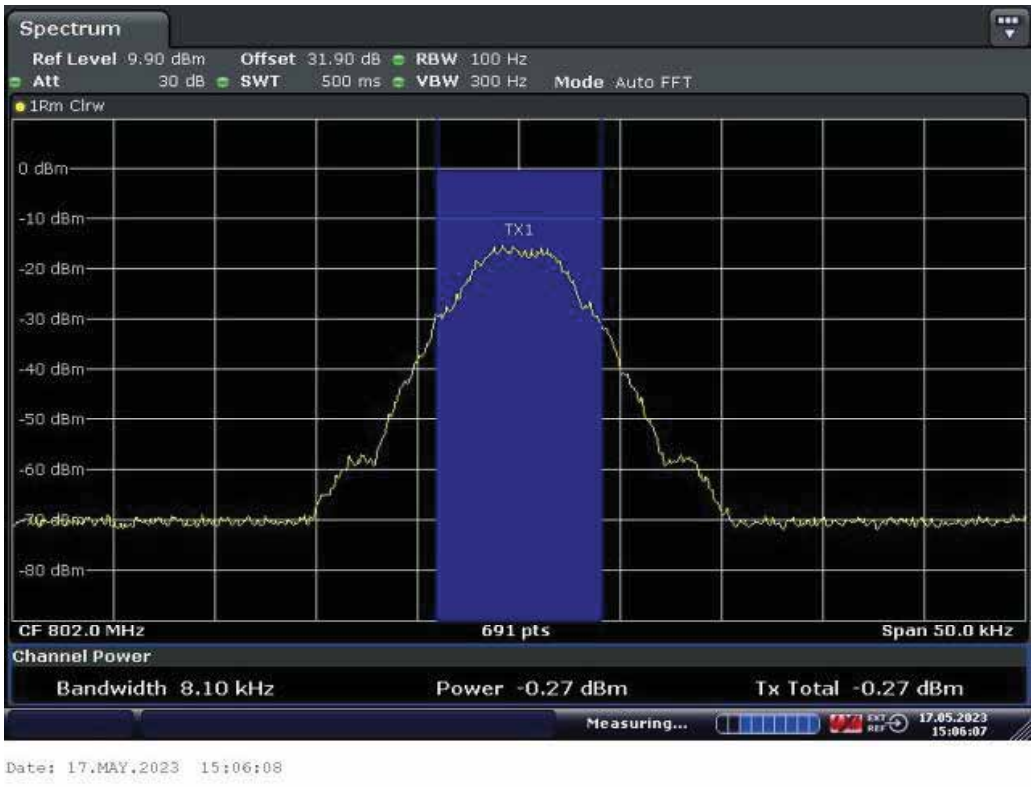


Middle Frequency: 772.0MHz, Output occupied BW(AGC)

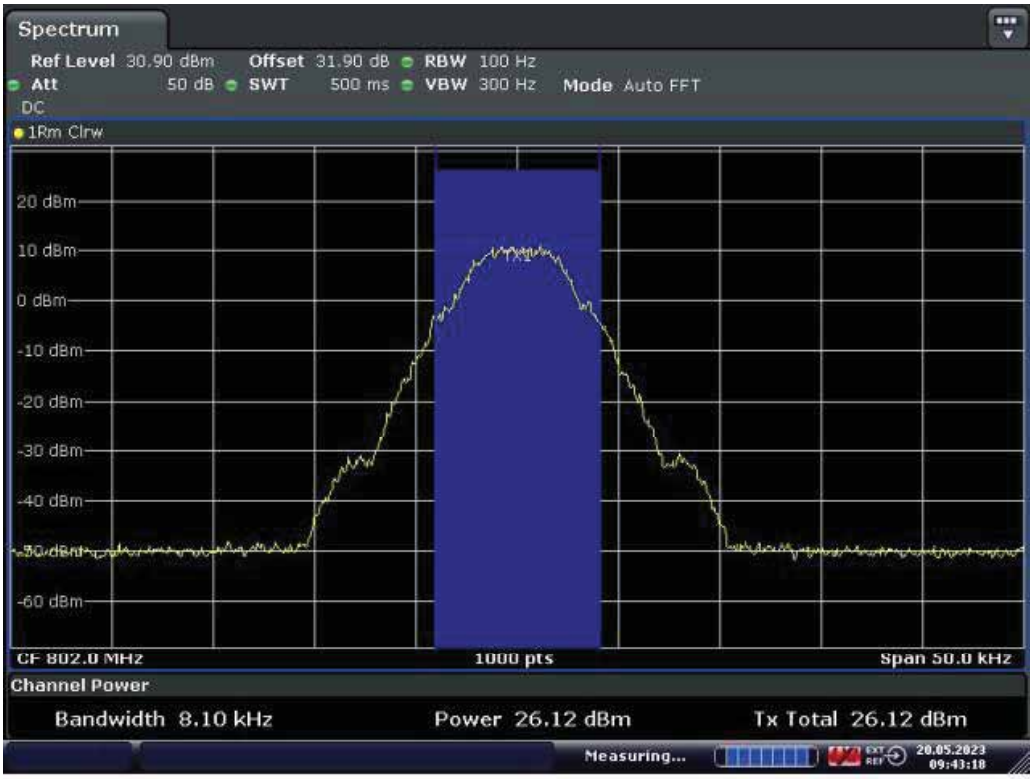


Middle Frequency: 772.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

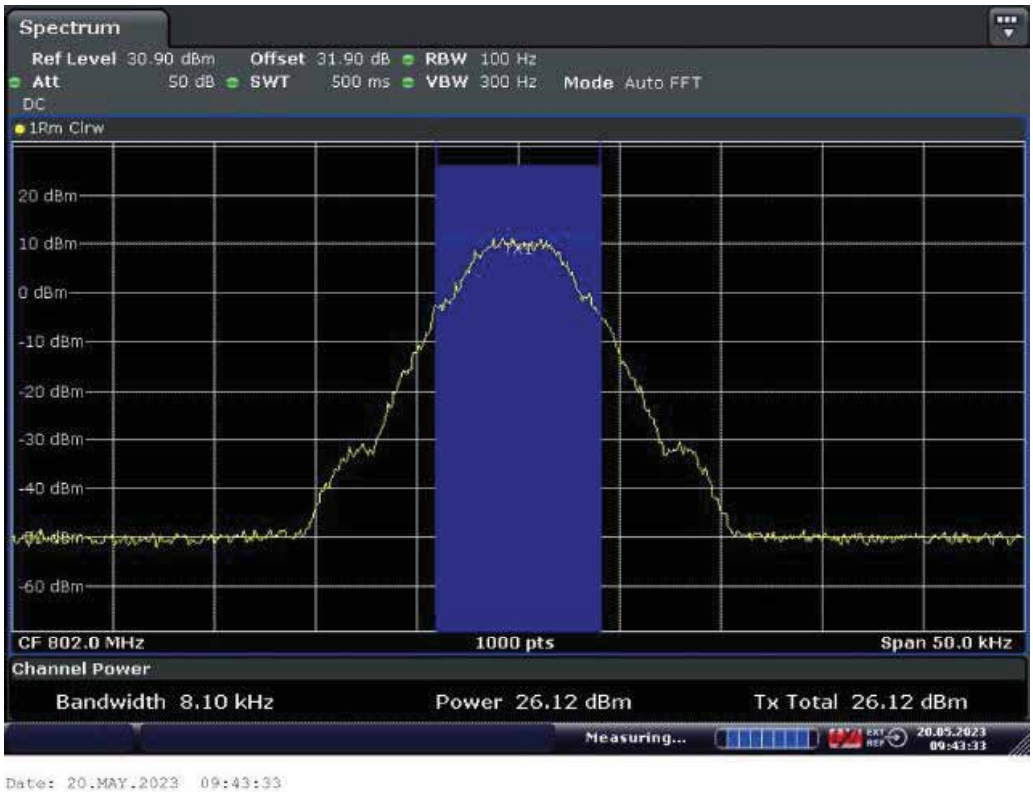
11.15.2.3.1.1.2. Uplink



Middle Frequency: 802.0MHz MHz, Input occupied BW



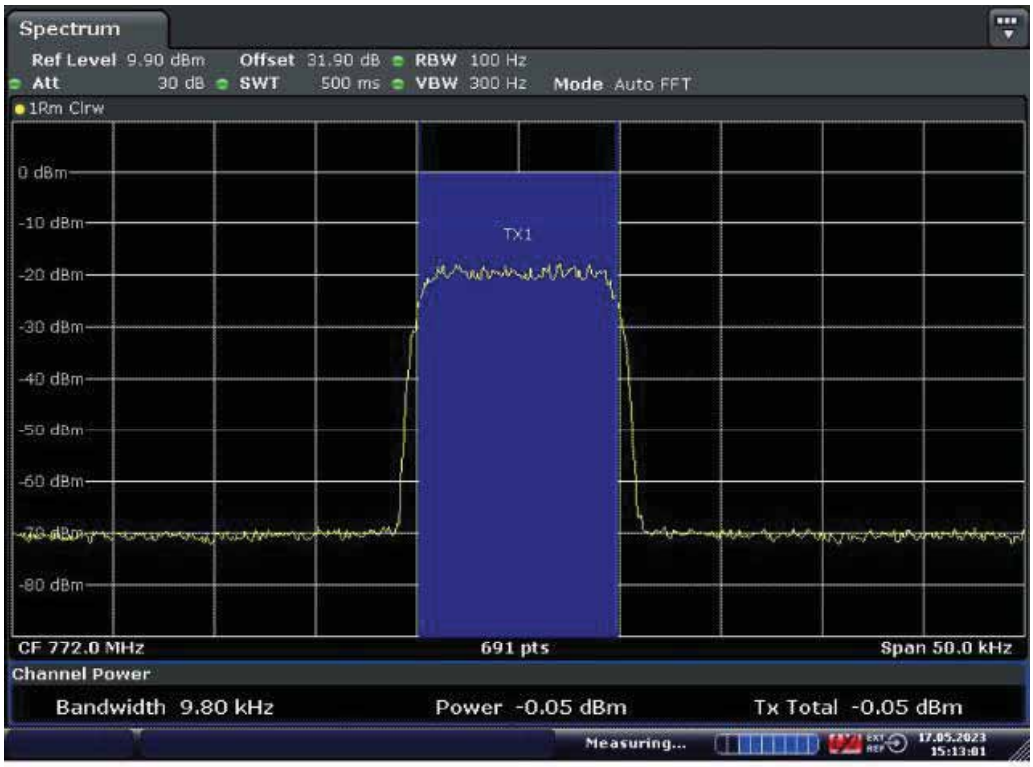
Middle Frequency: 802.0MHz, Output occupied BW(AGC)



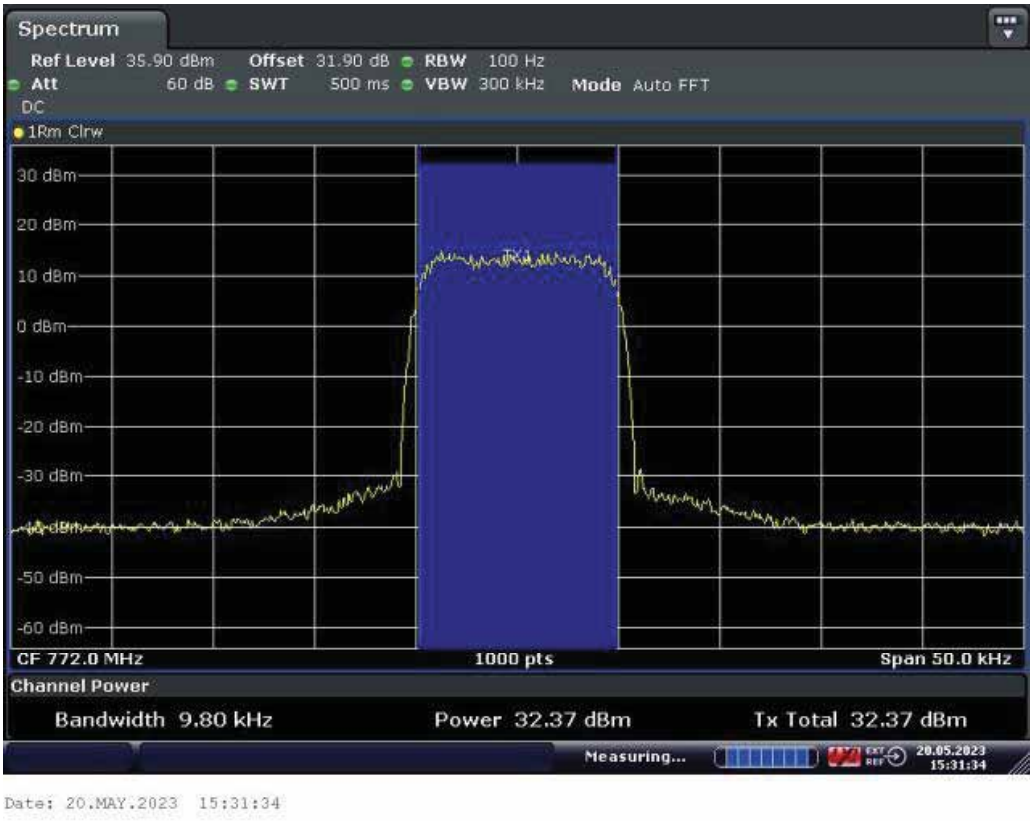
Middle Frequency: 802.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

11.15.2.3.1.2. P25 Phase II(H-DQPSK)

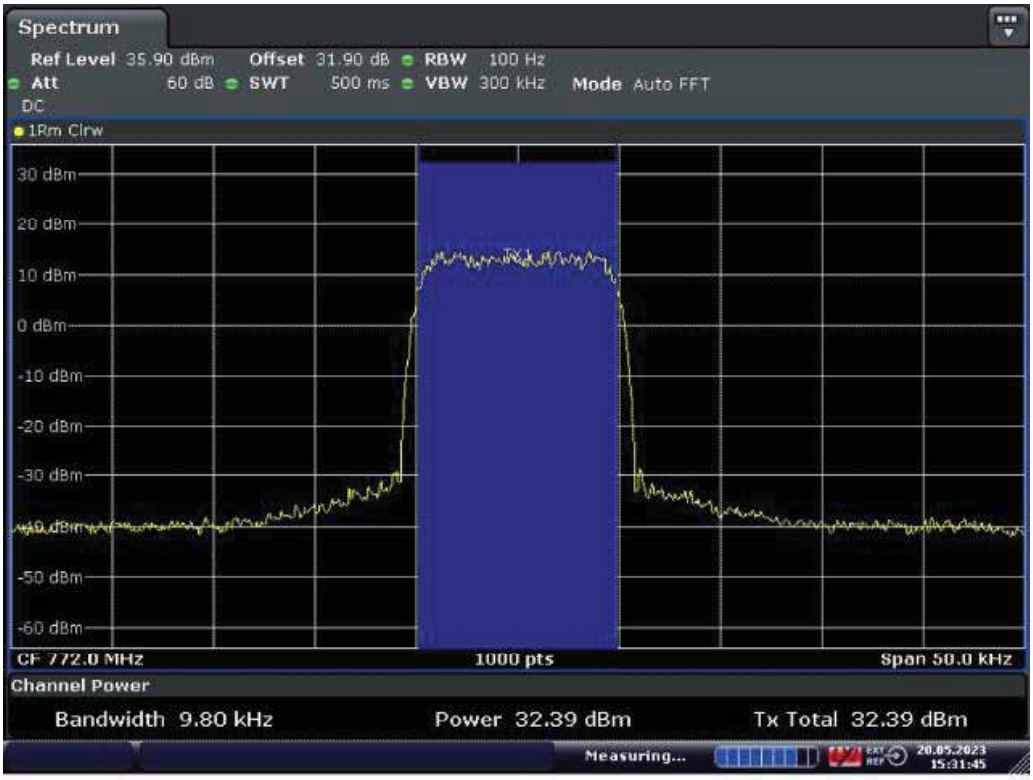
11.15.2.3.1.2.1. Downlink



Middle Frequency: 772.0MHz, Input occupied BW

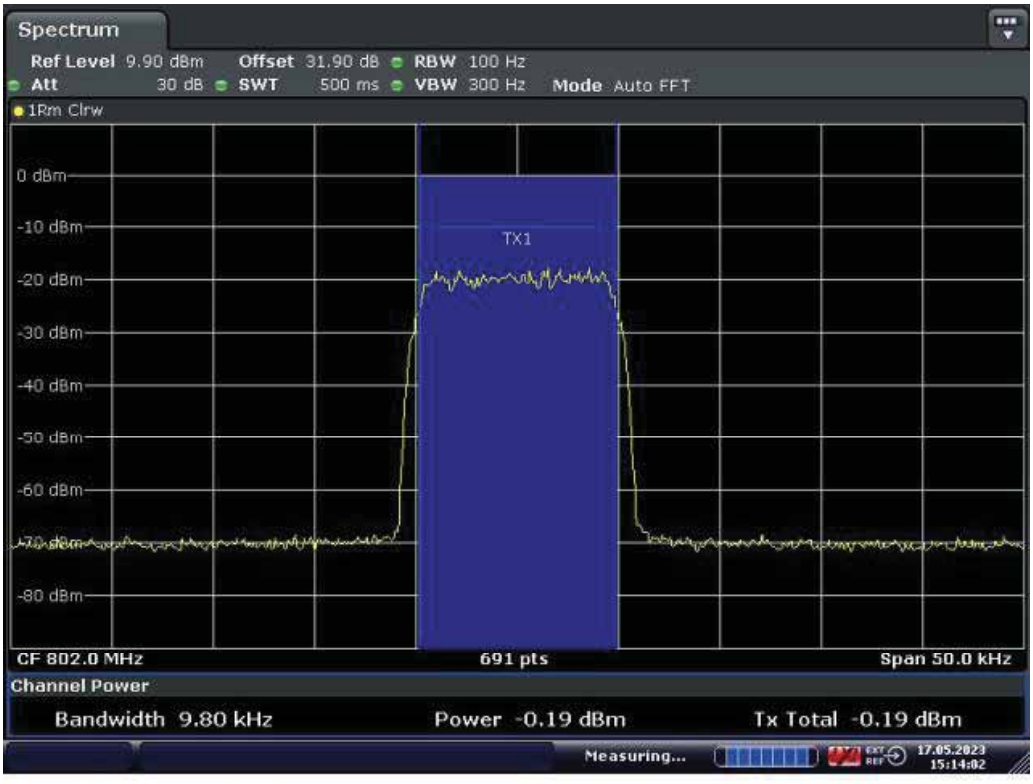


Middle Frequency: 772.0MHz, Output occupied BW(AGC)

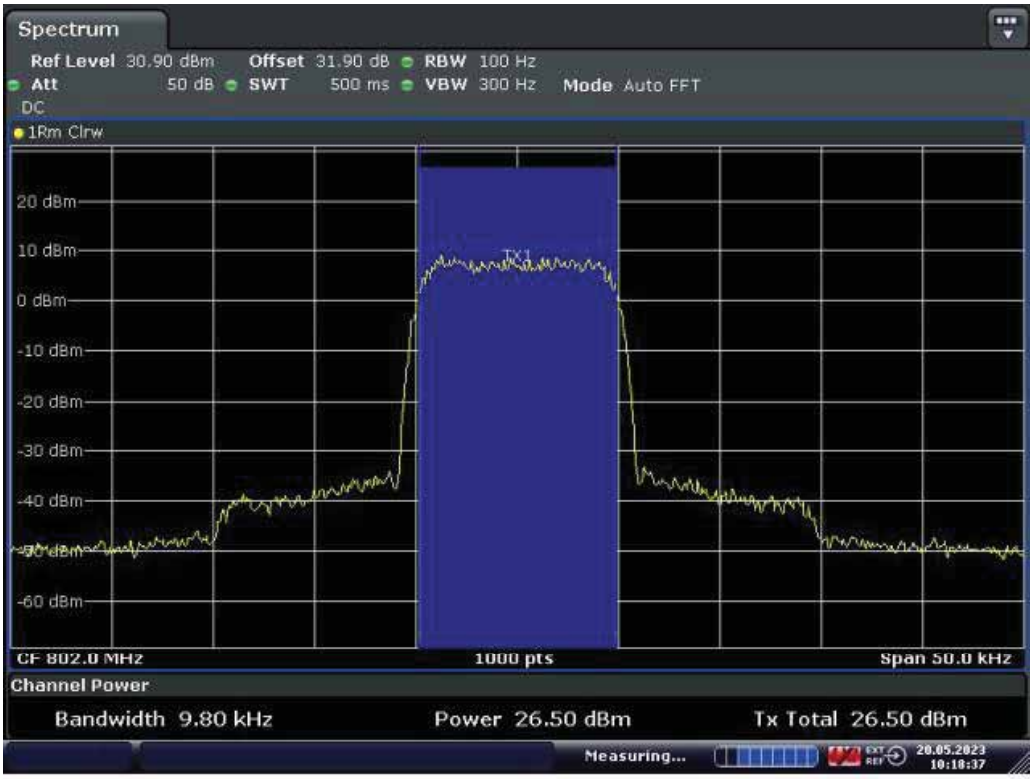


Middle Frequency: 772.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

11.15.2.3.1.2.2. Uplink

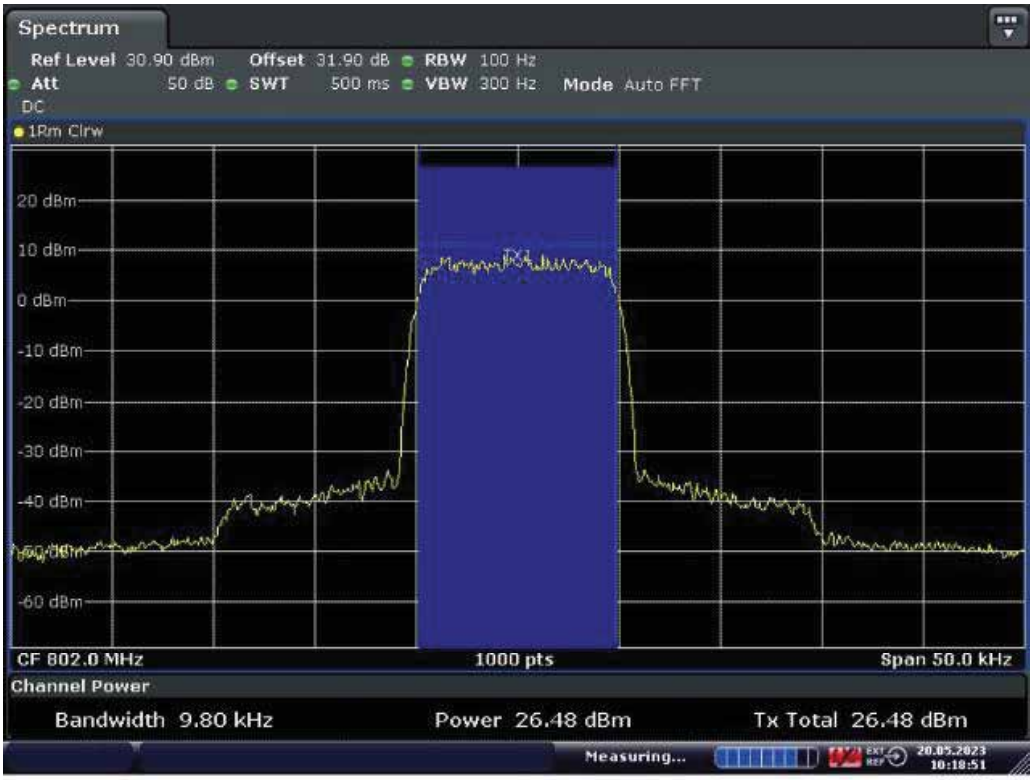


Middle Frequency: 802.0MHz MHz, Input occupied BW



Date: 20.MAY.2023 10:18:37

Middle Frequency: 802.0MHz, Output occupied BW(AGC)

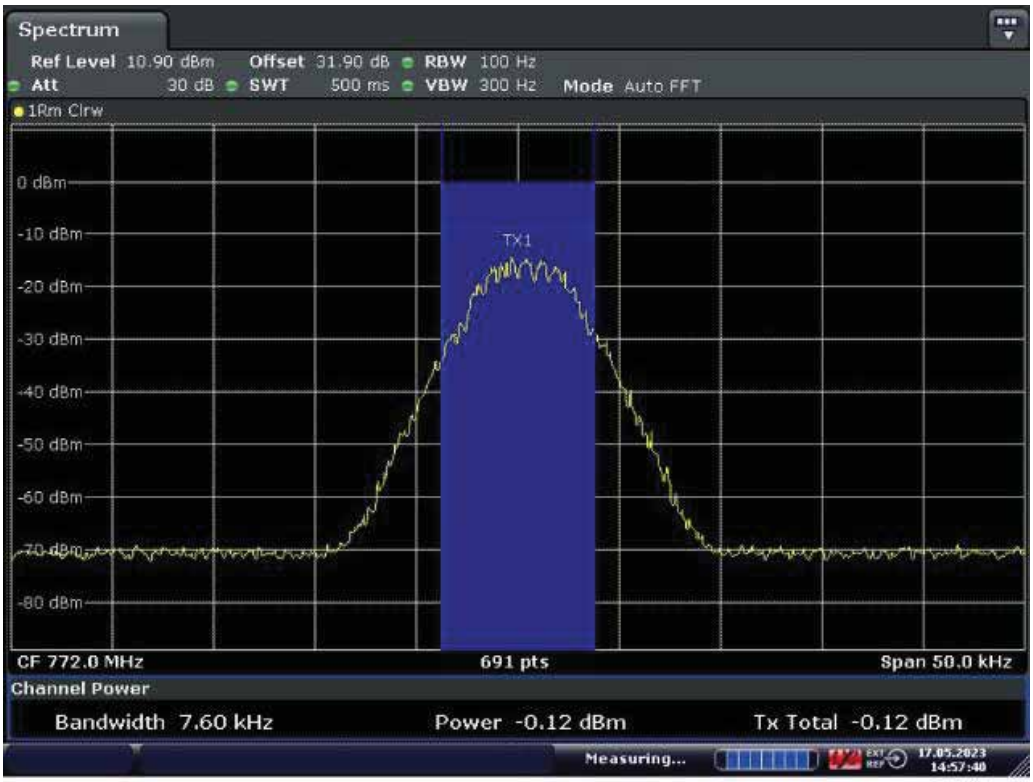


Date: 20.MAY.2023 10:18:51

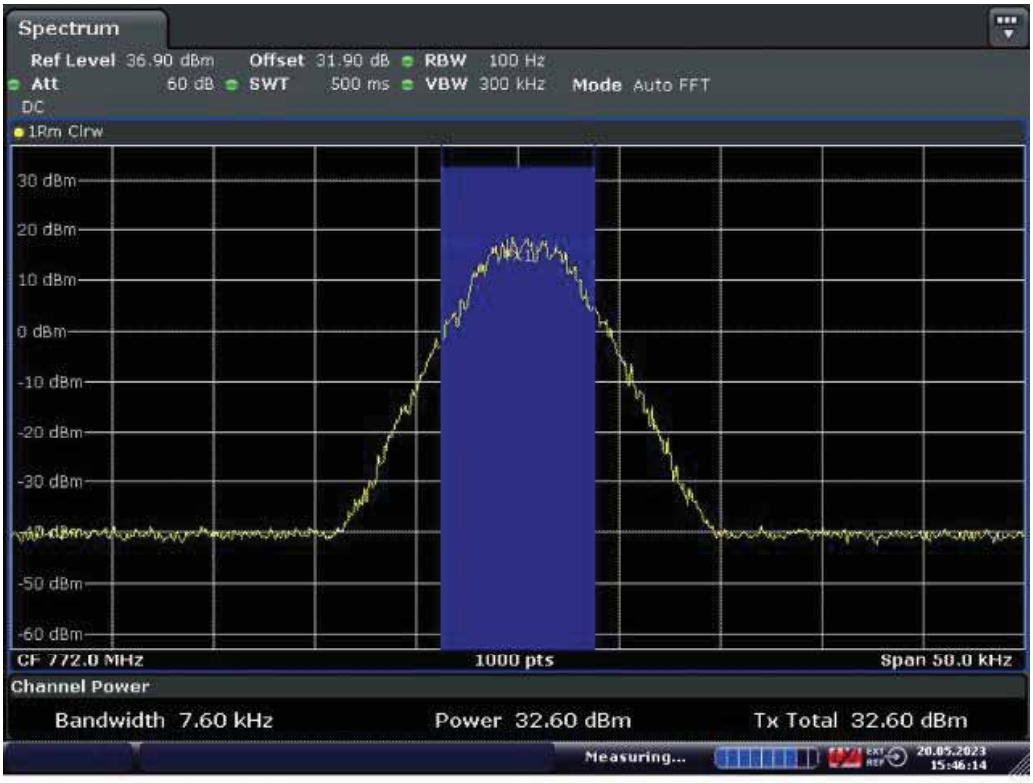
Middle Frequency: 802.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

11.15.2.3.1.3. DMR

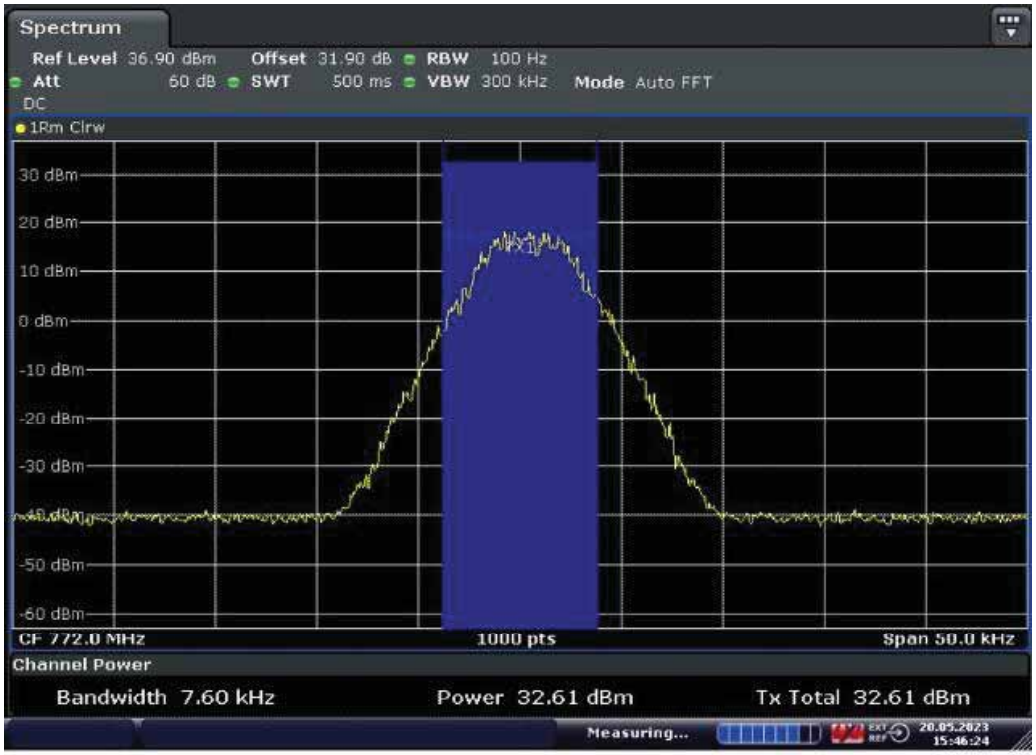
11.15.2.3.1.3.1. Downlink



Middle Frequency: 772.0MHz, Input occupied BW



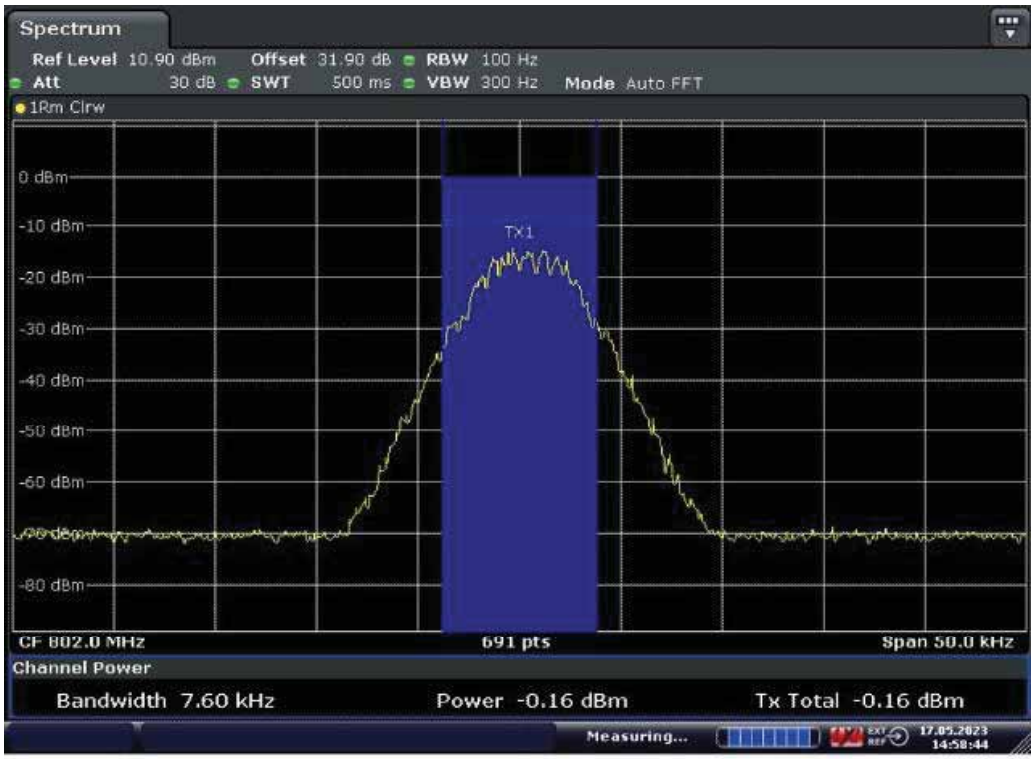
Middle Frequency: 772.0MHz, Output occupied BW(AGC)



Date: 20.MAY.2023 15:46:24

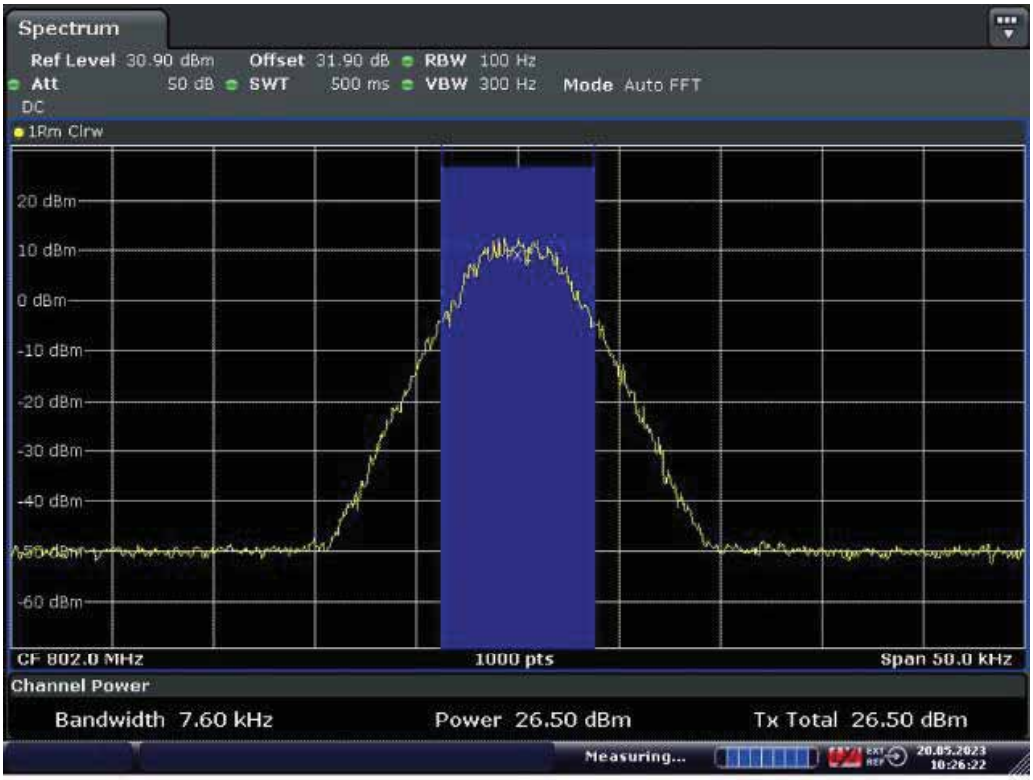
Middle Frequency: 772.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

11.15.2.3.1.3.2. Uplink

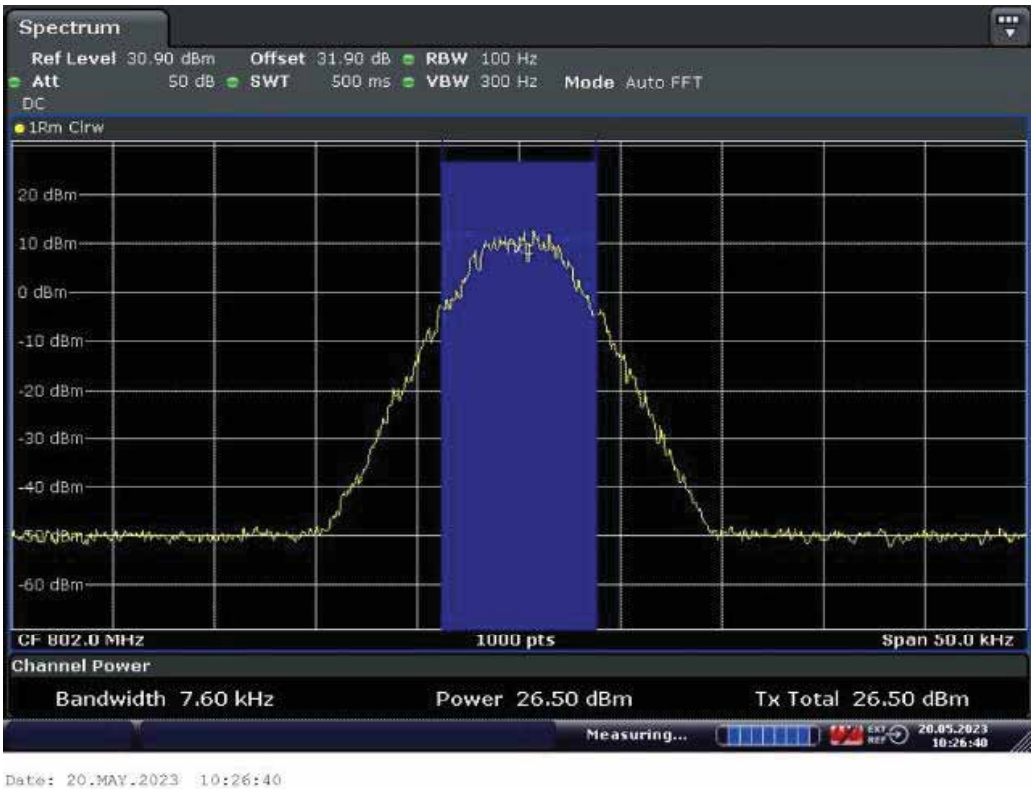


Date: 17.MAY.2023 14:58:45

Middle Frequency: 802.0MHz MHz, Input occupied BW



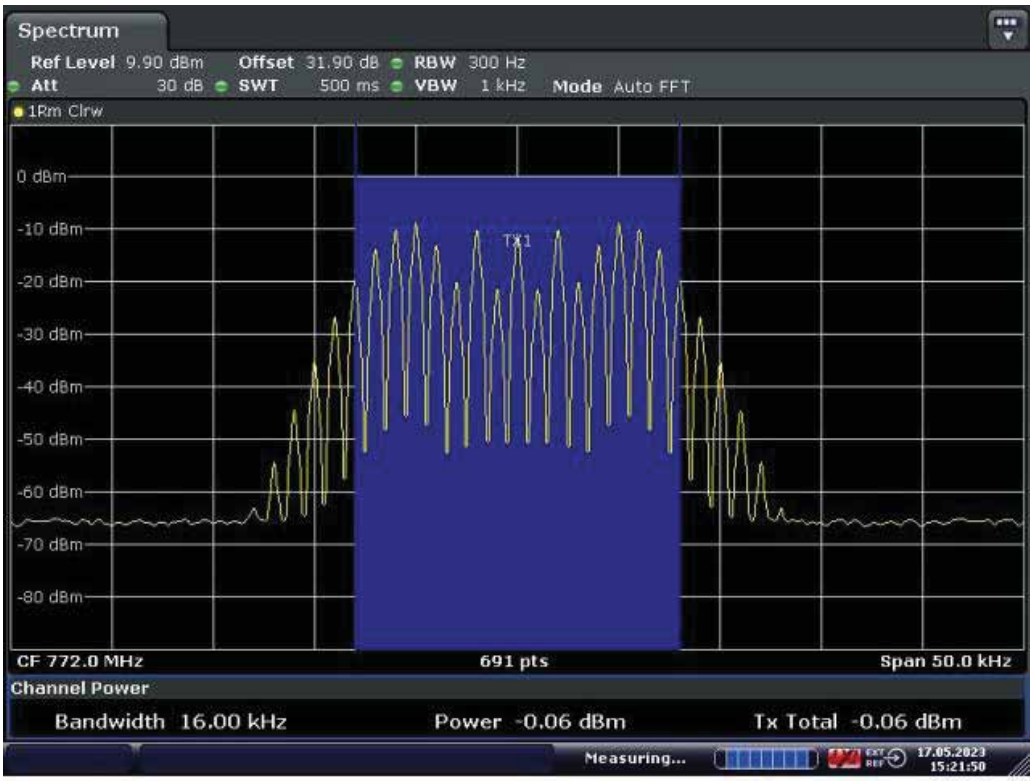
Middle Frequency: 802.0MHz, Output occupied BW(AGC)



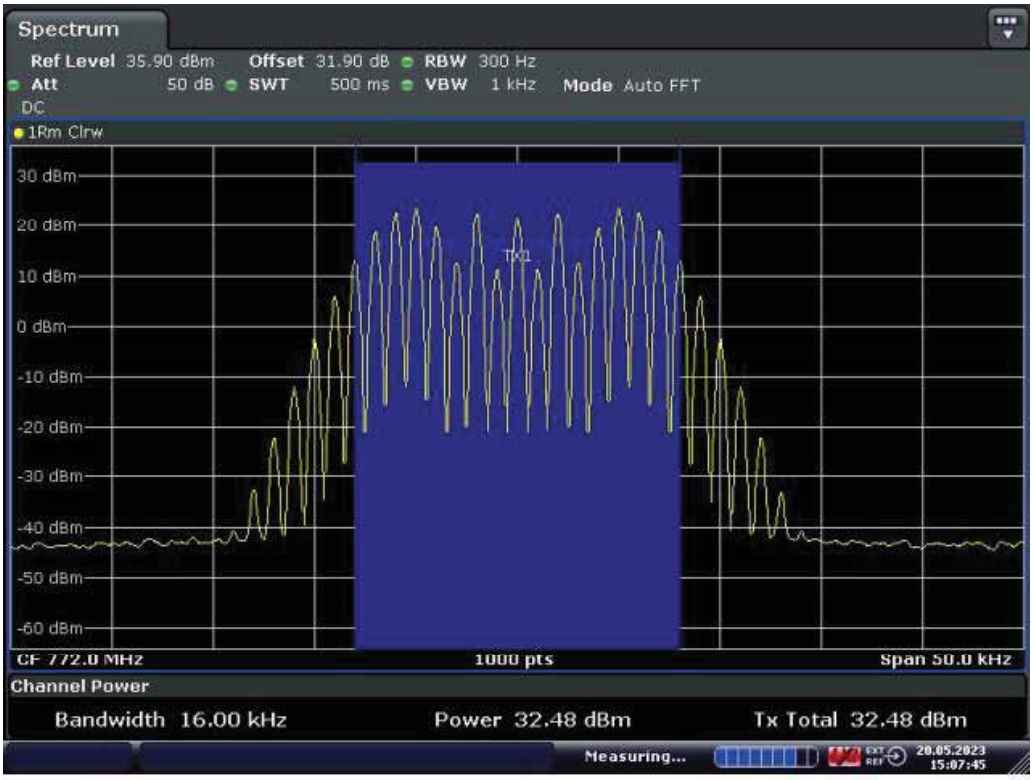
Middle Frequency: 802.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

11.15.2.3.1.4. Analog FM

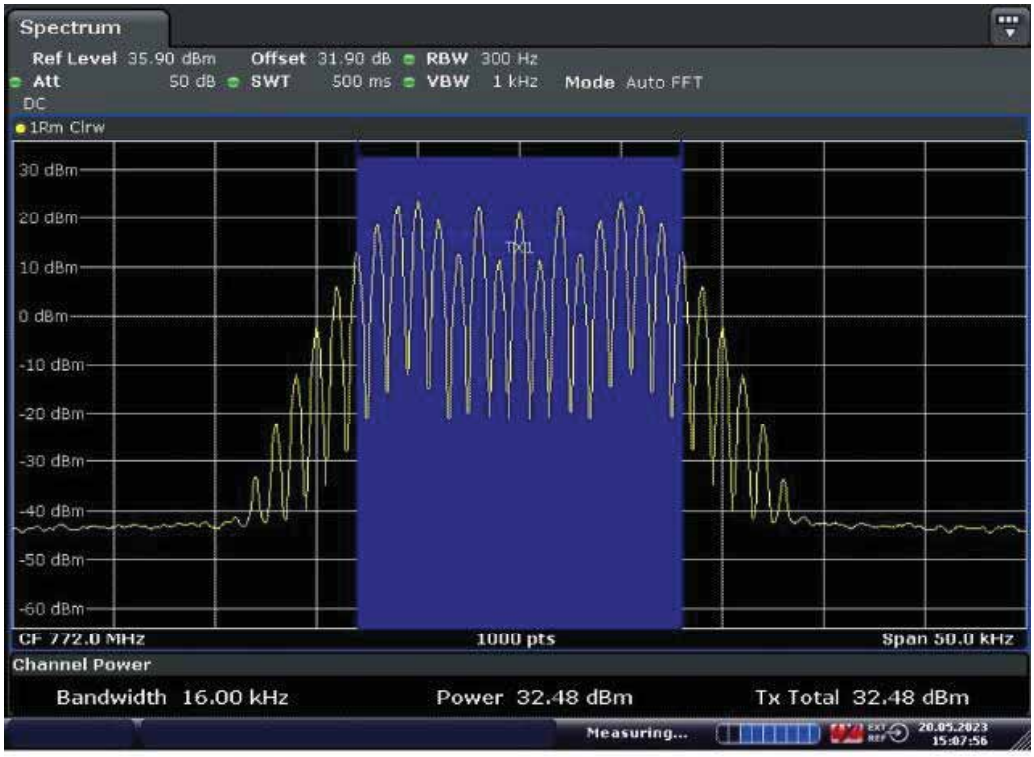
11.15.2.3.1.4.1. Downlink



Middle Frequency: 772.0MHz, Input occupied BW

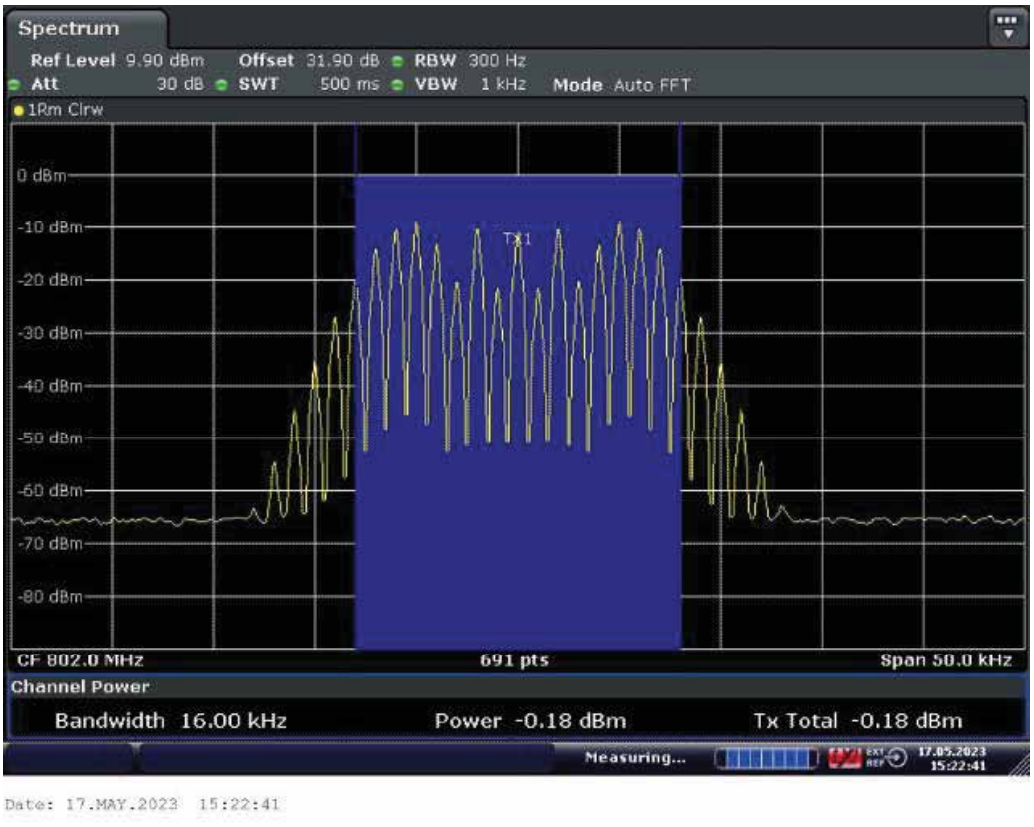


Middle Frequency: 772.0MHz, Output occupied BW(AGC)

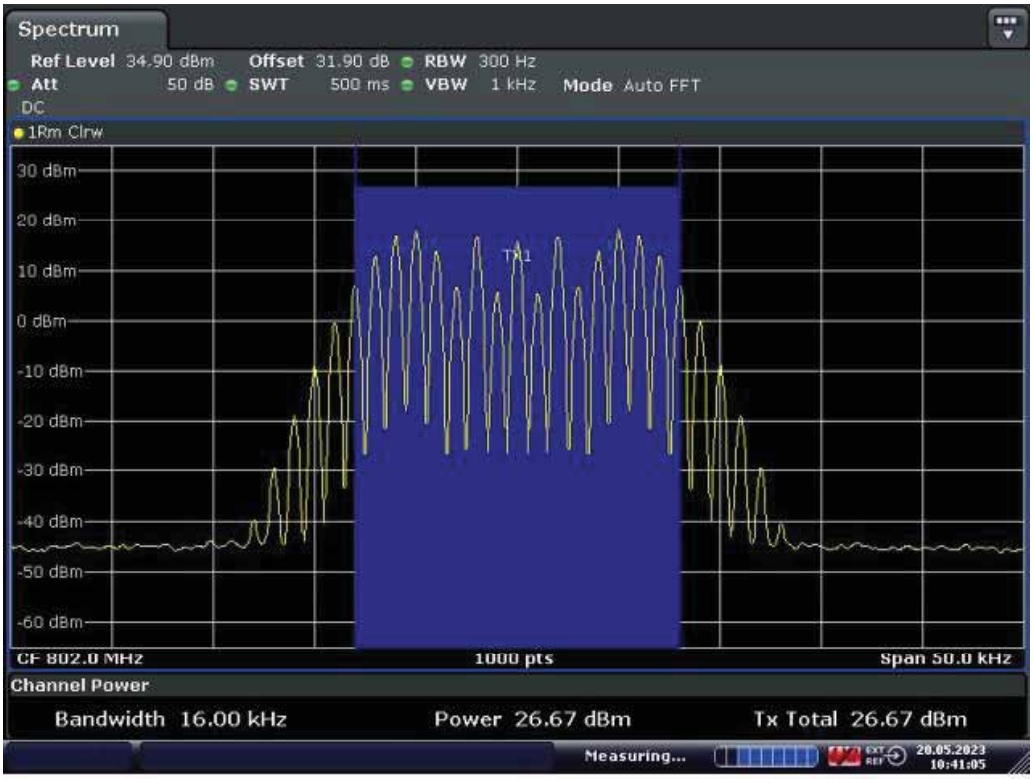


Middle Frequency: 772.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

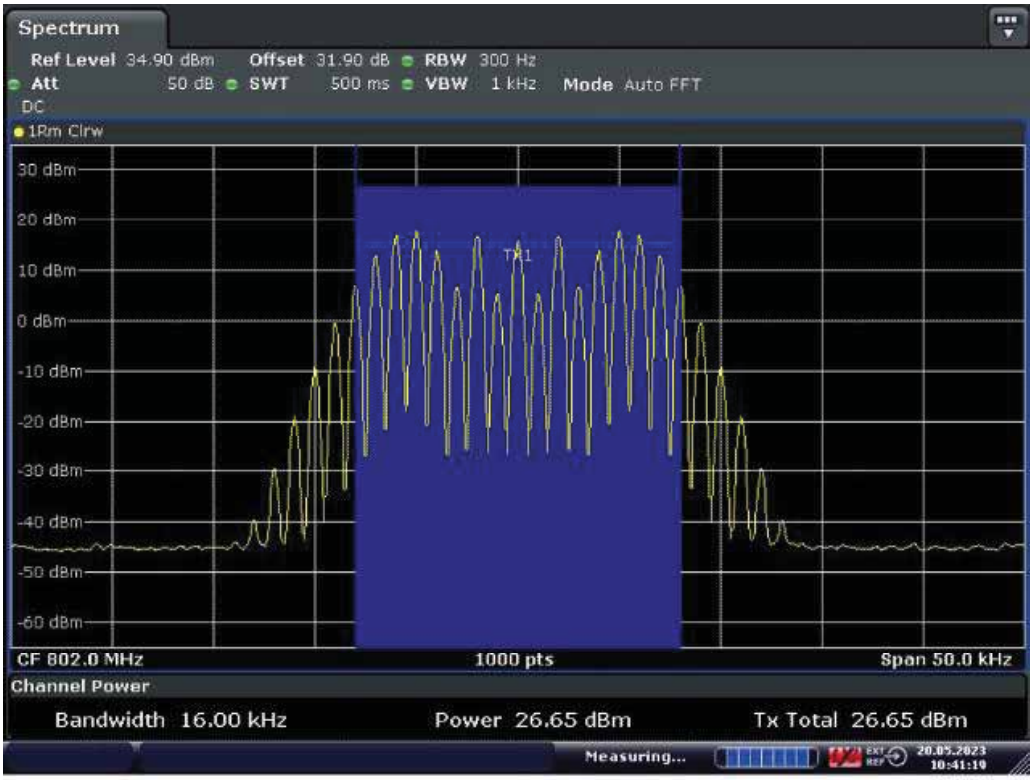
11.15.2.3.1.4.2. Uplink



Middle Frequency: 802.0MHz MHz, Input occupied BW



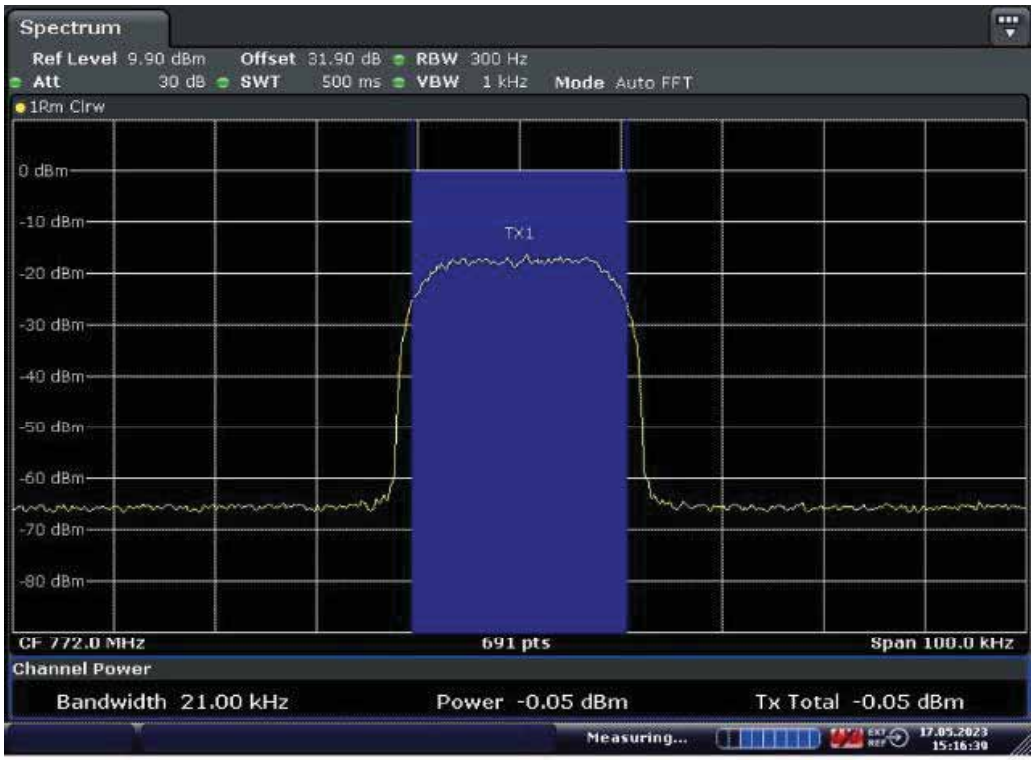
Middle Frequency: 802.0MHz, Output occupied BW(AGC)



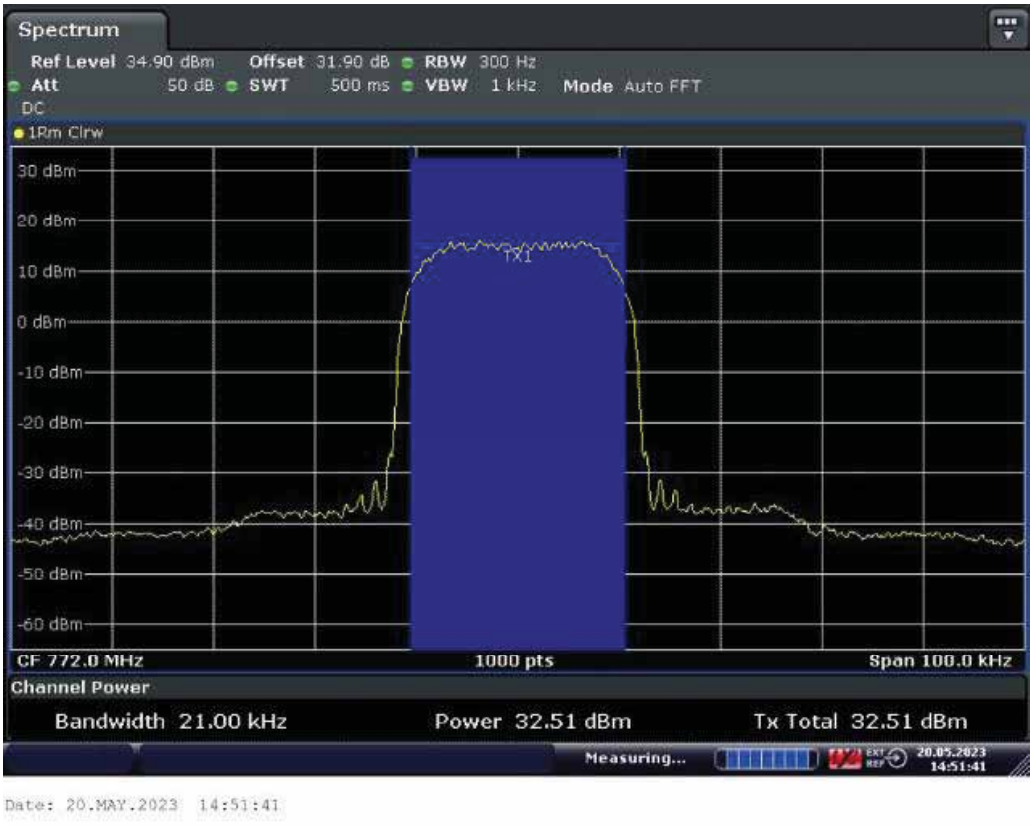
Middle Frequency: 802.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

11.15.2.3.1.5. Tetra

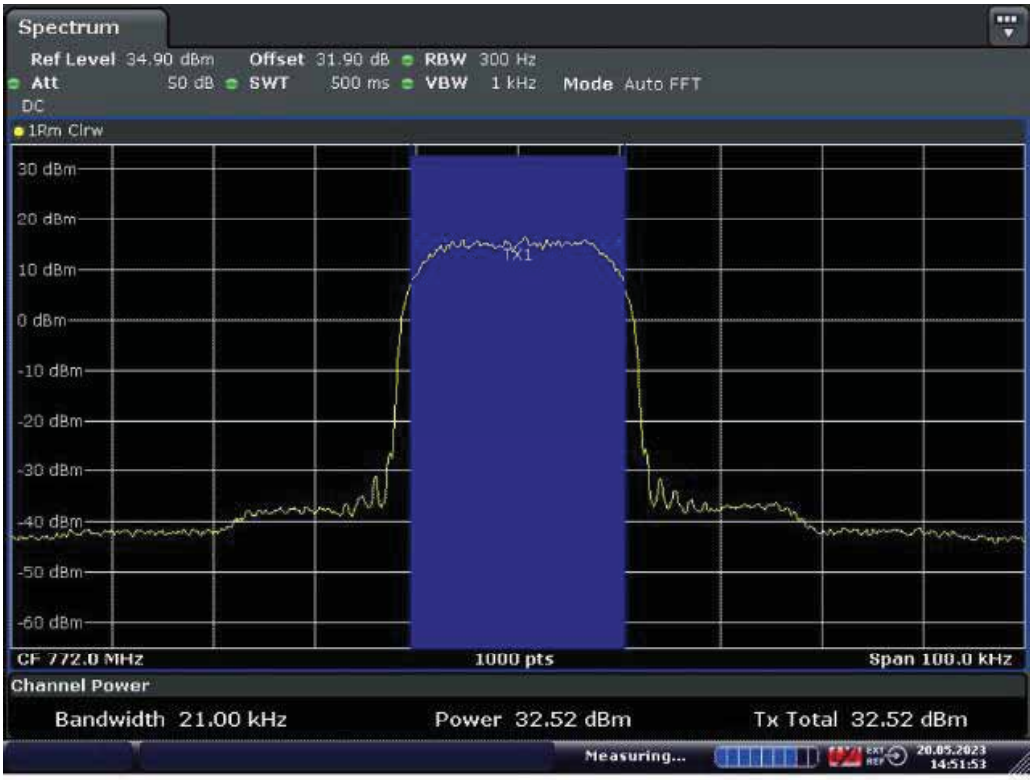
11.15.2.3.1.5.1. Downlink



Middle Frequency: 772.0MHz, Input occupied BW



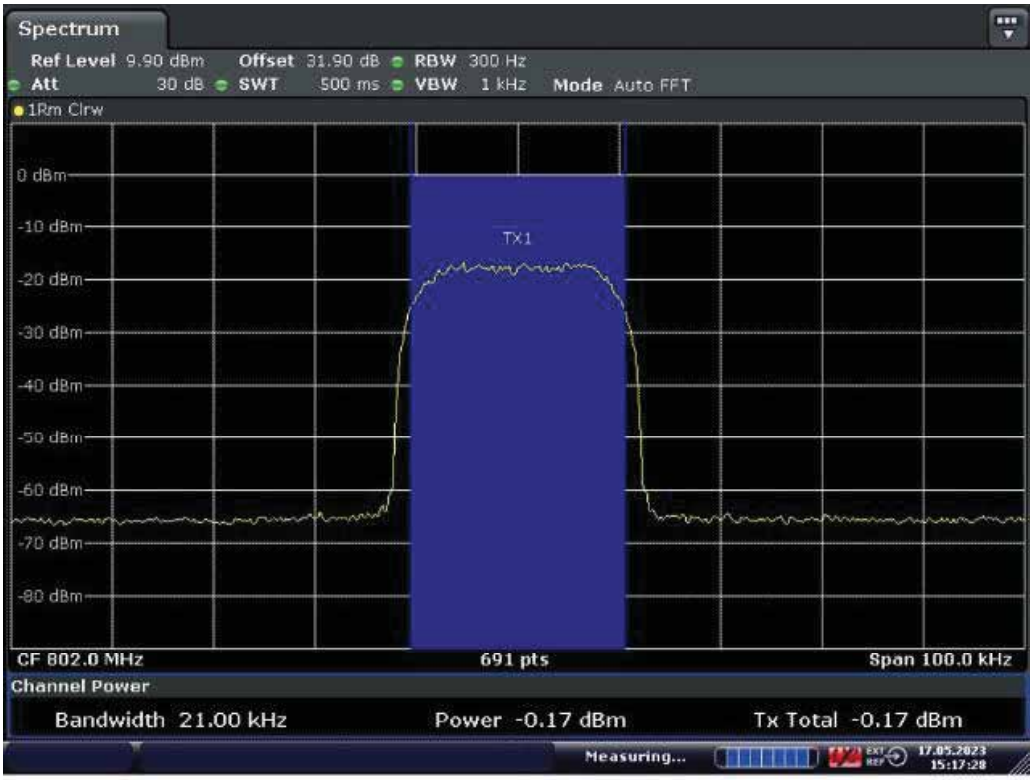
Middle Frequency: 772.0MHz, Output occupied BW(AGC)



Date: 20.MAY.2023 14:51:53

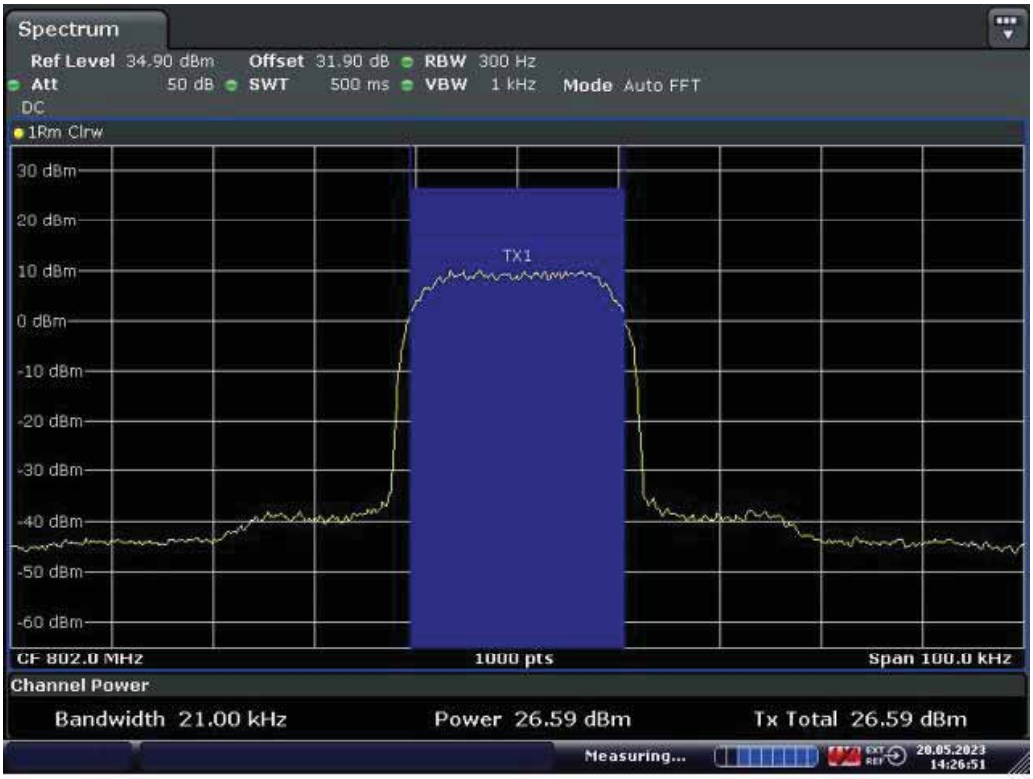
Middle Frequency: 772.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

11.15.2.3.1.5.2. Uplink

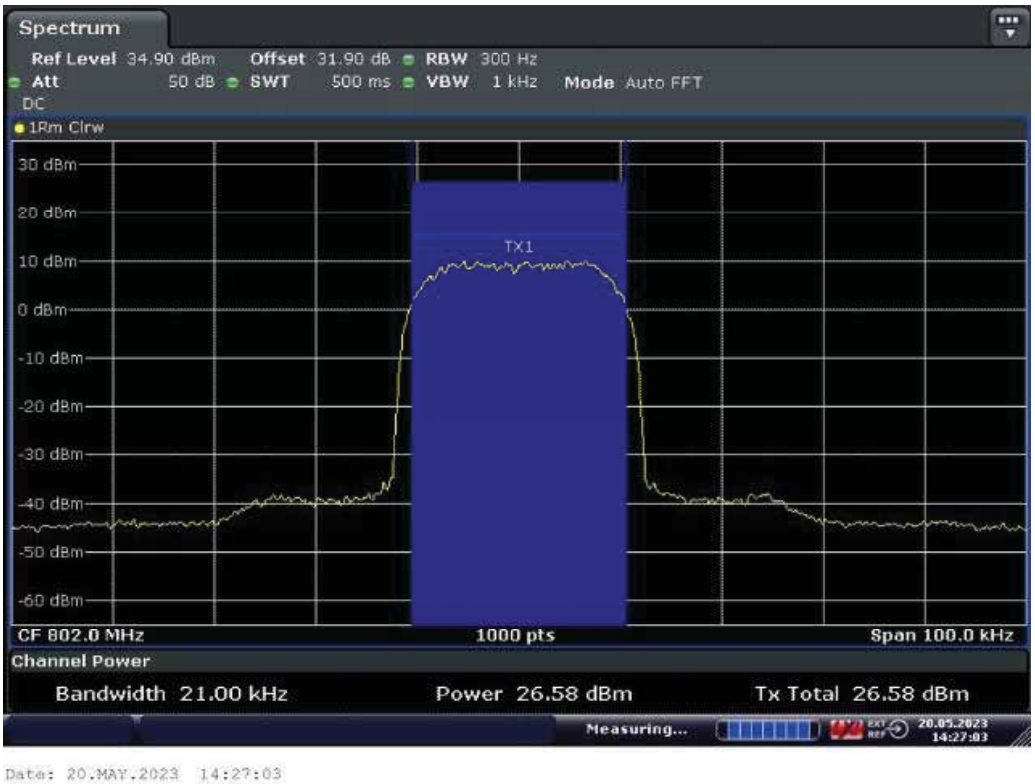


Date: 17.MAY.2023 15:17:29

Middle Frequency: 802.0MHz MHz, Input occupied BW



Middle Frequency: 802.0MHz, Output occupied BW(AGC)

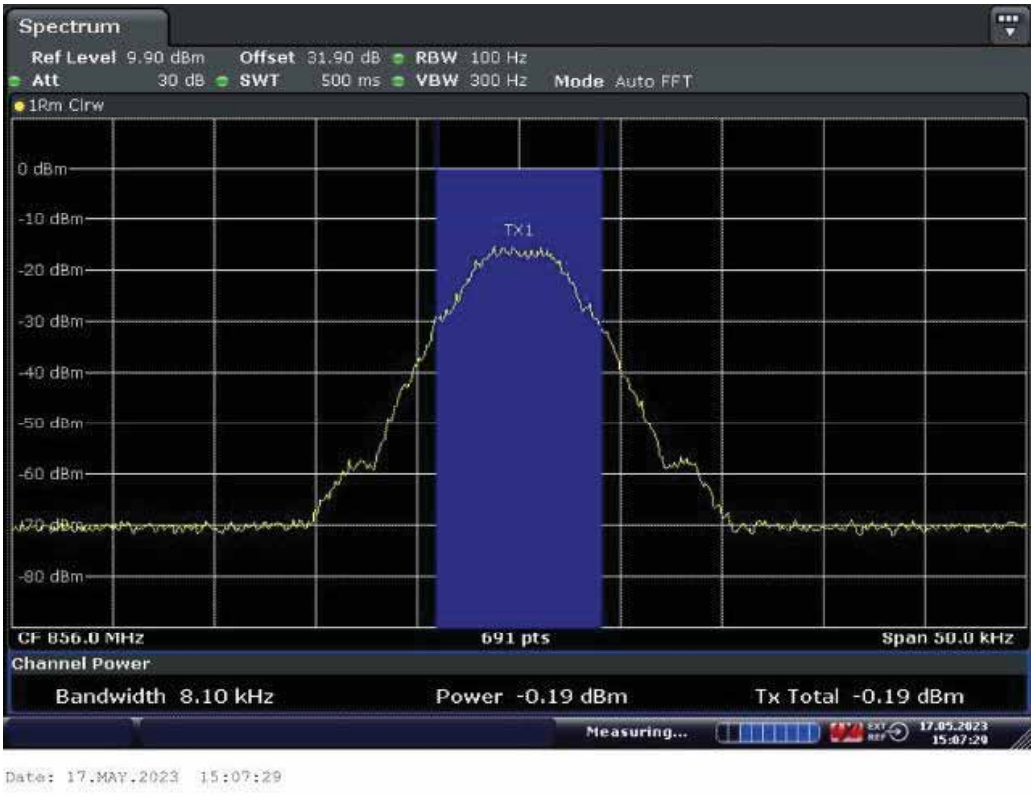


Middle Frequency: 802.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

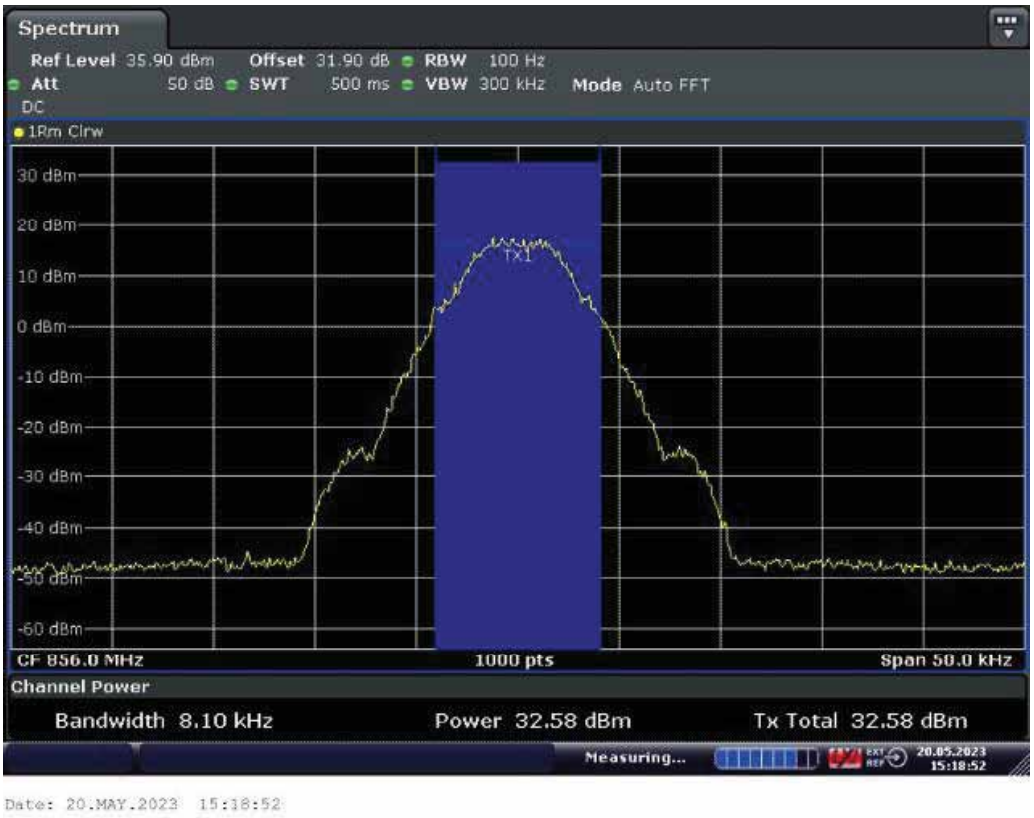
11.15.2.3.2. 800MHz Band

11.15.2.3.2.1. P25 Phase I(C4FM)

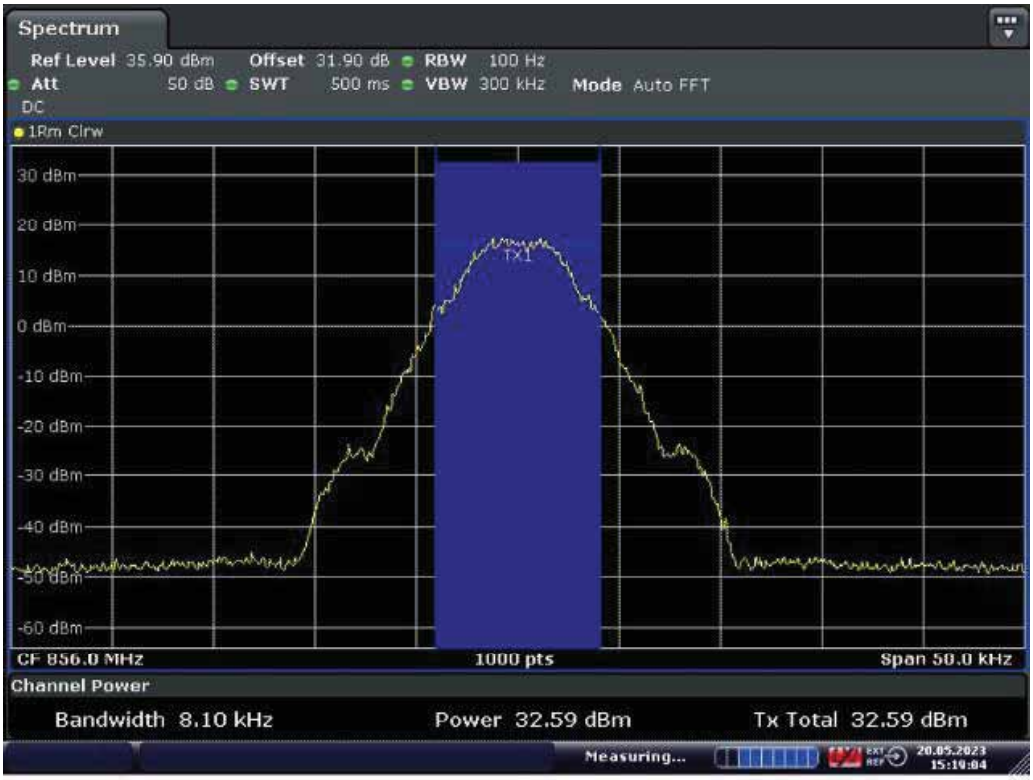
11.15.2.3.2.1.1. Downlink



Middle Frequency: 856.0MHz, Input occupied BW

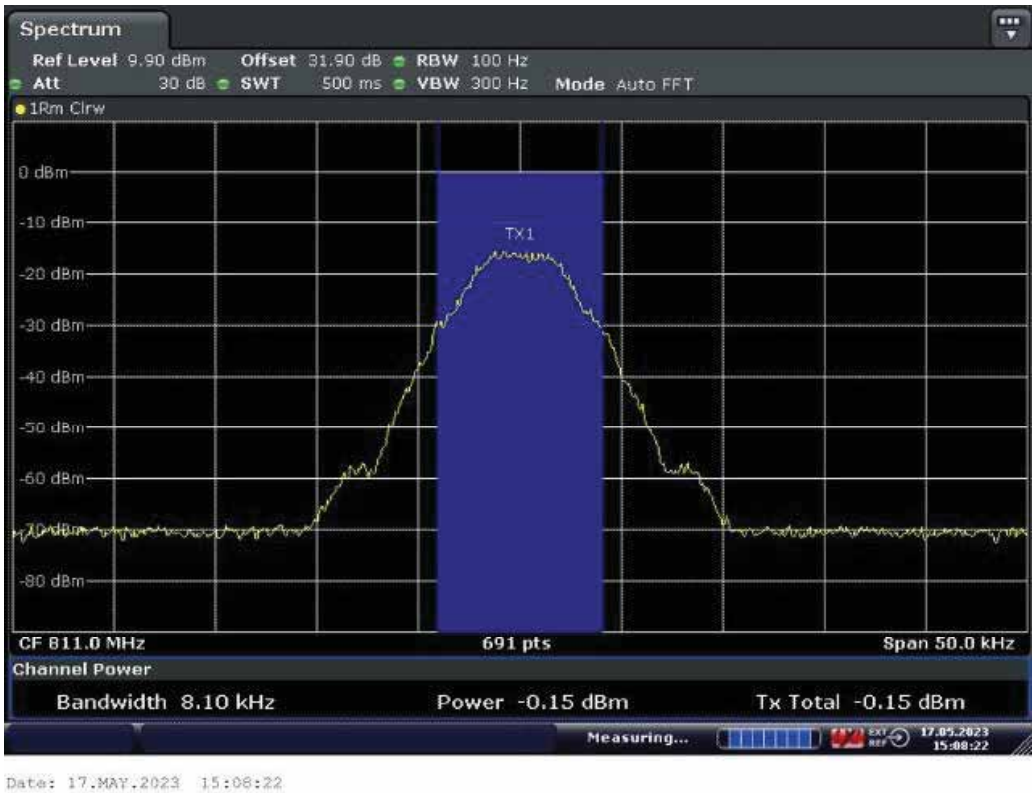


Middle Frequency: 856.0MHz, Output occupied BW(AGC)



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

11.15.2.3.2.1.2. Uplink



Middle Frequency: 811.0MHz MHz, Input occupied BW