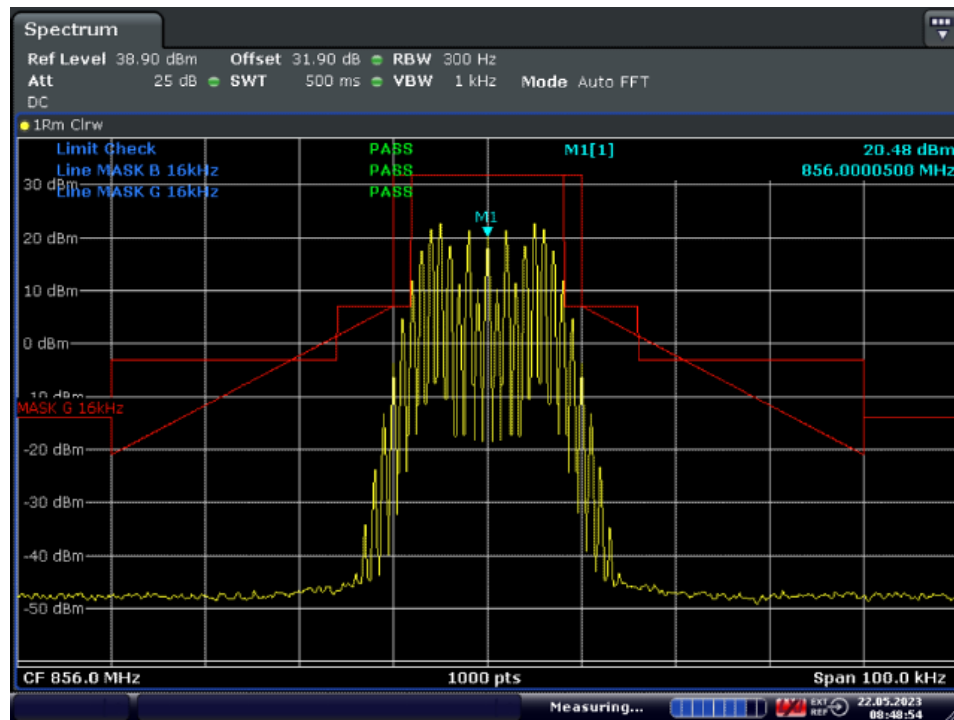


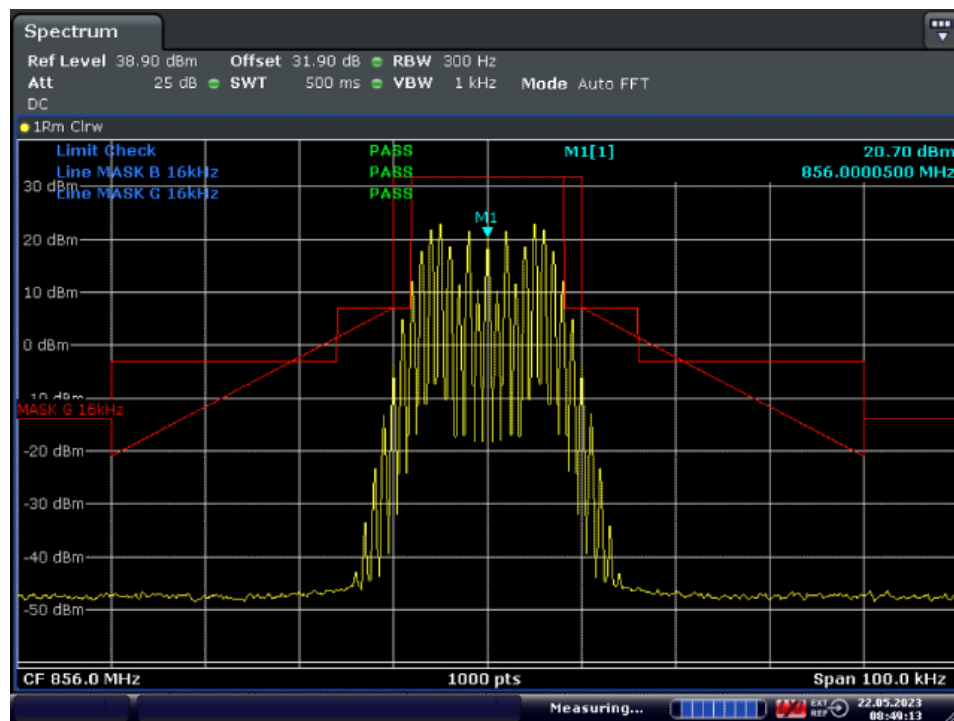
## 11.5.5.1.2.4. Analog FM (Mask B+ Mask G)

## 11.5.5.1.2.4.1. Downlink transmit



Date: 22.MAY.2023 08:48:54

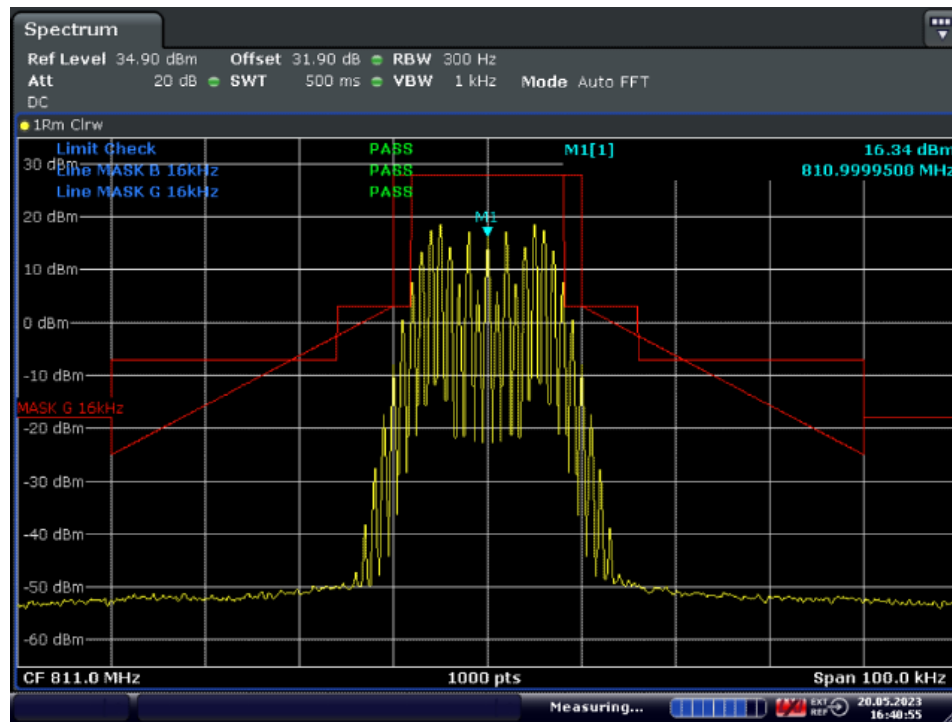
With the input signal amplitude set the AGC threshold  
Middle Frequency: 856.0MHz



Date: 22.MAY.2023 08:49:13

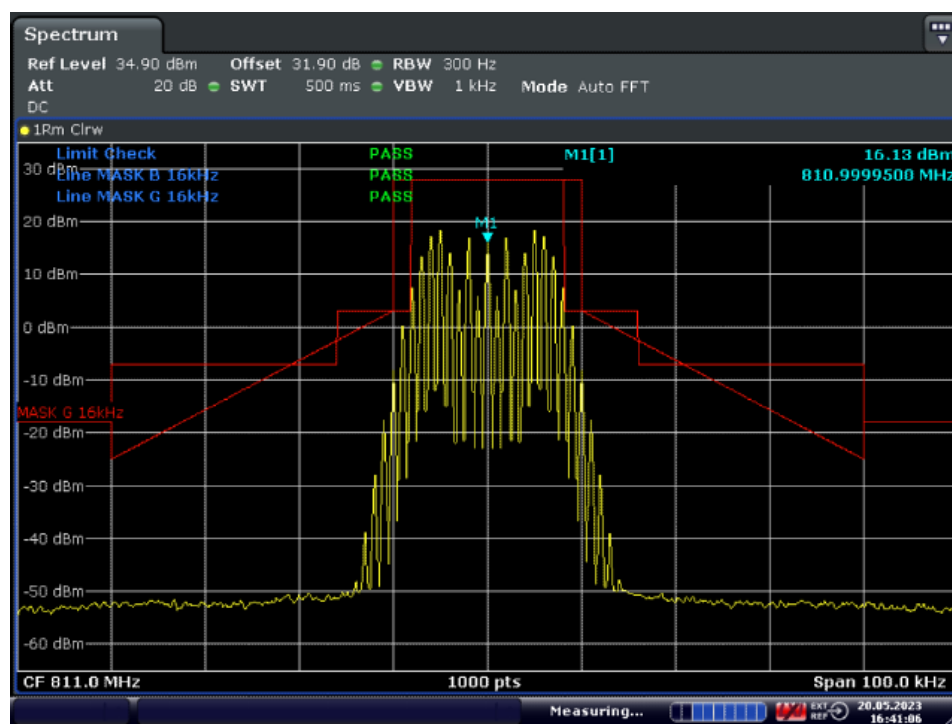
With the input signal amplitude set 3 dB above the AGC threshold  
Middle Frequency: 856.0MHz

## 11.5.5.1.2.4.2. Uplink transmit



Date: 20.MAY.2023 16:40:55

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

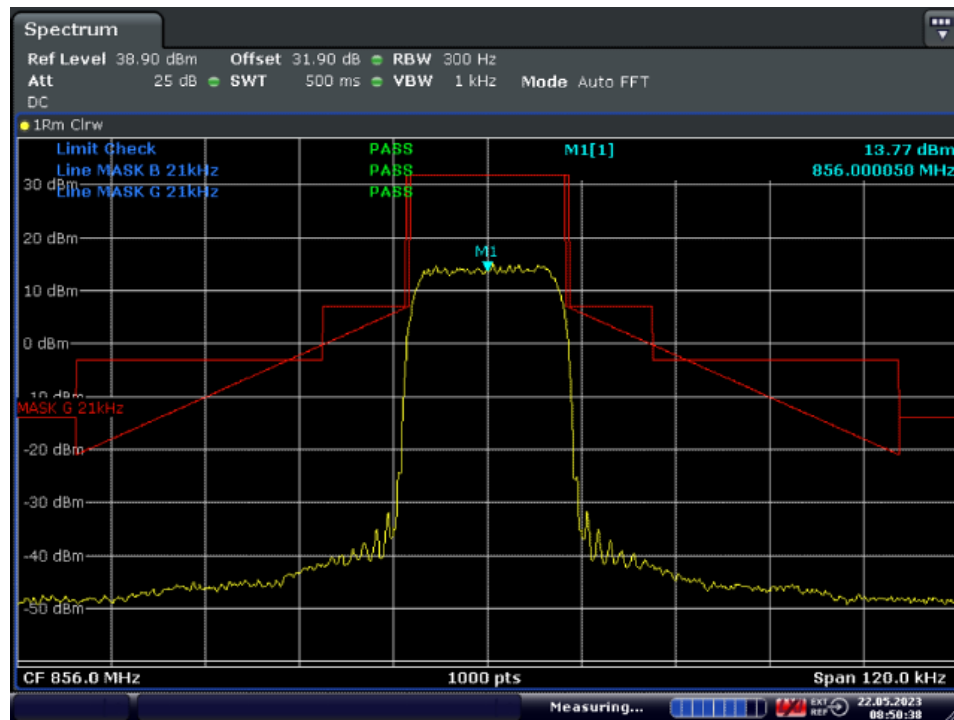


Date: 20.MAY.2023 16:41:06

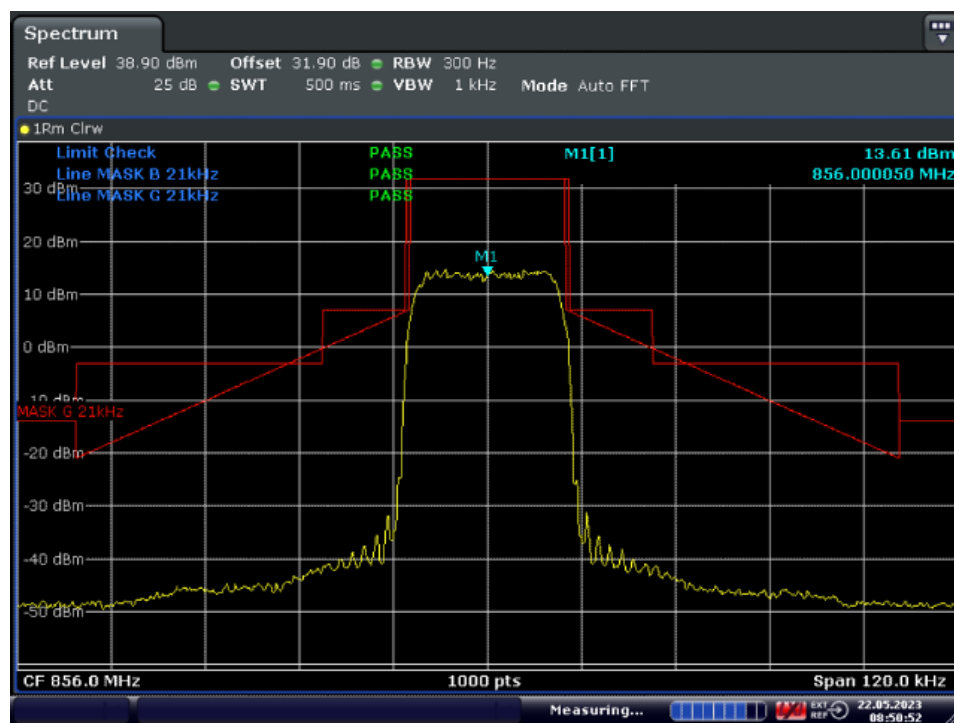
With the input signal amplitude set 3 dB above the AGC threshold  
Middle Frequency: 811.0MHz

## 11.5.5.1.2.5. Tetra (Mask B+ Mask G)

## 11.5.5.1.2.5.1. Downlink transmit

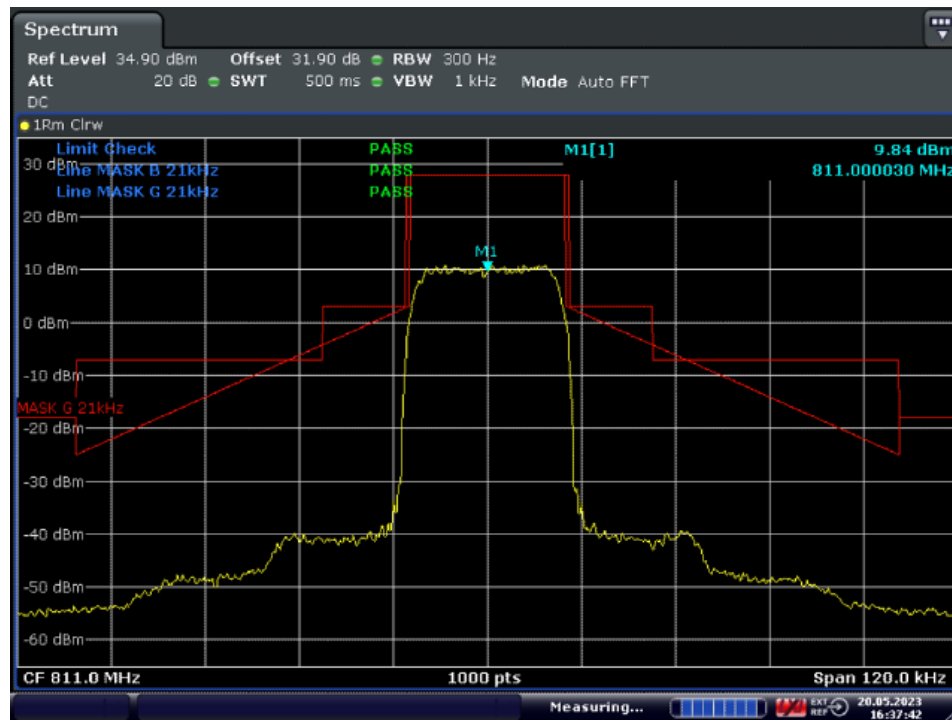


With the input signal amplitude set the AGC threshold  
Middle Frequency: 856.0MHz



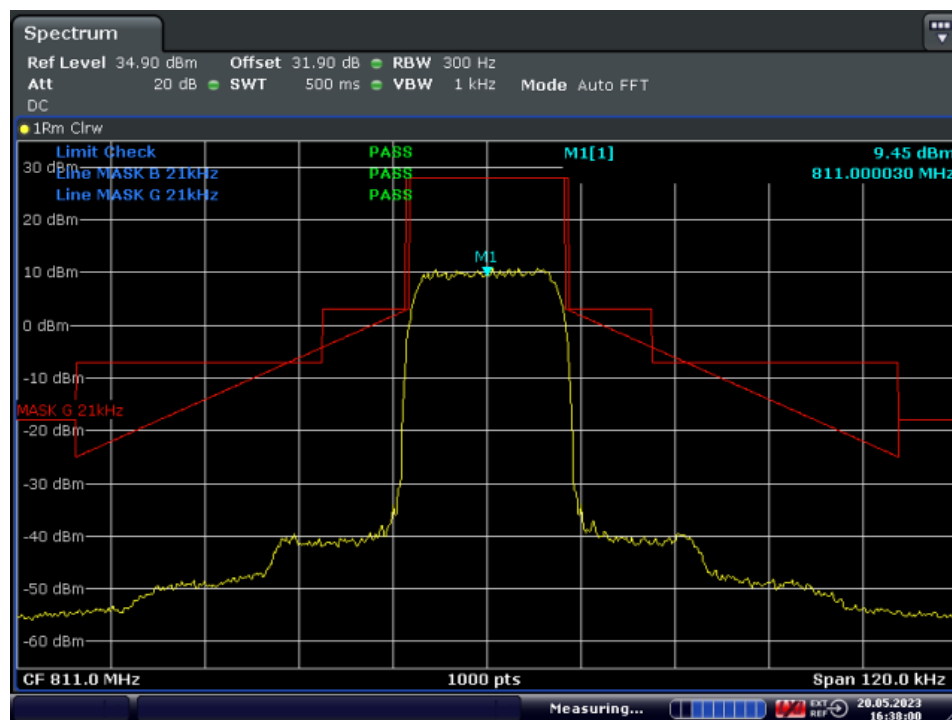
With the input signal amplitude set 3 dB above the AGC threshold  
Middle Frequency: 856.0MHz

## 11.5.5.1.2.5.2. Uplink transmit



Date: 20.MAY.2023 16:37:42

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



Date: 20.MAY.2023 16:38:00

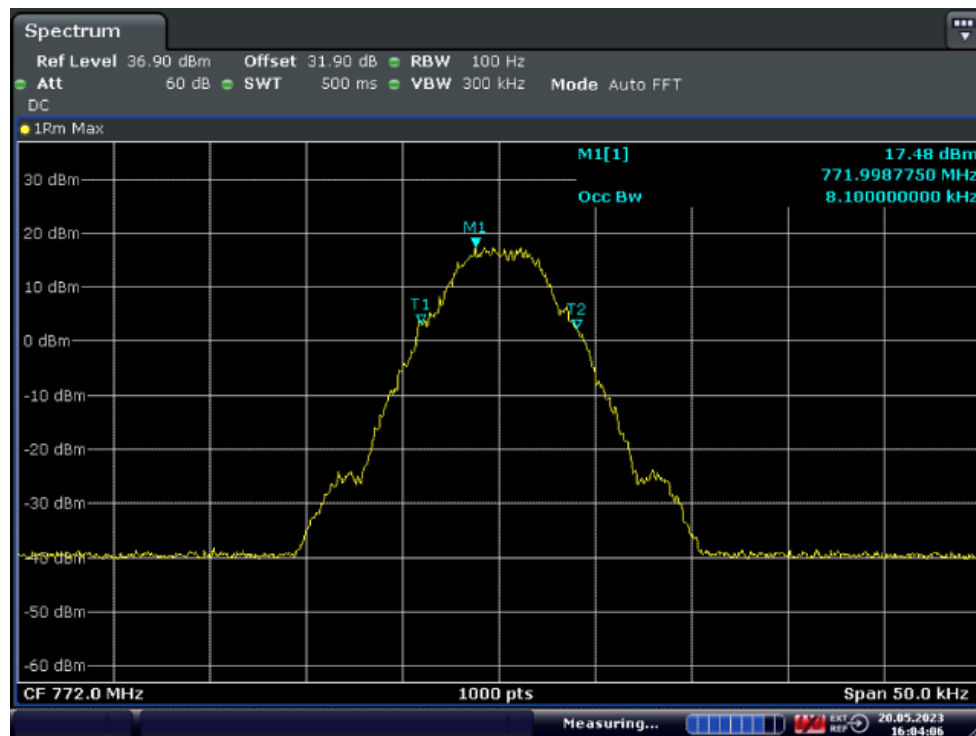
With the input signal amplitude set 3 dB above the AGC threshold  
Middle Frequency: 811.0MHz

## 11.5.5.2. Occupied bandwidth

## 11.5.5.2.1. 700MHz Band

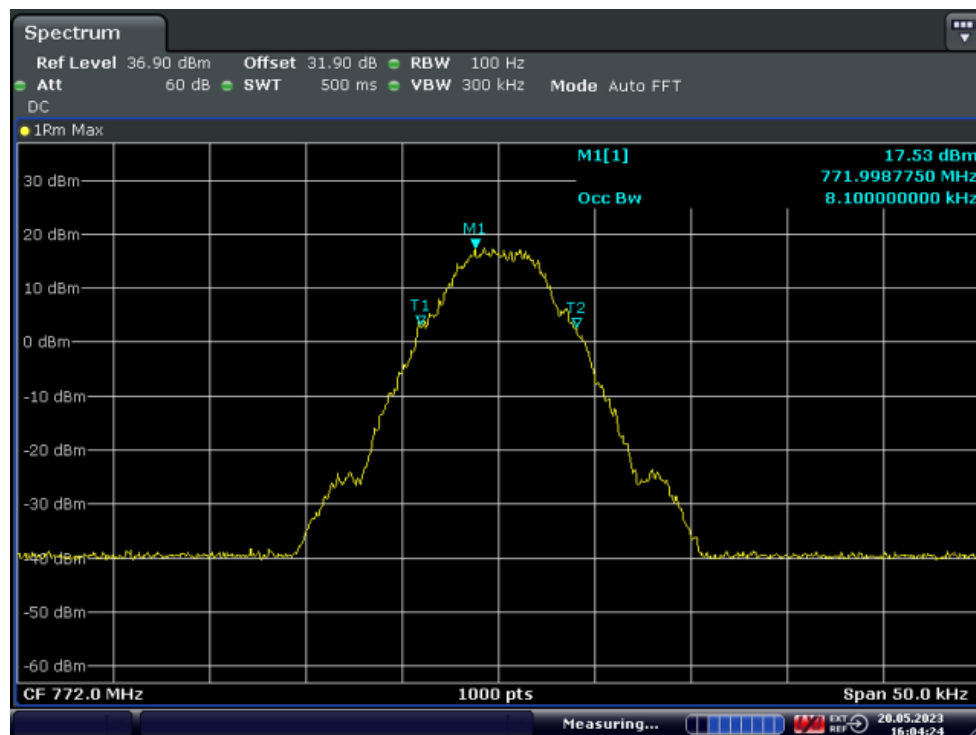
## 11.5.5.2.1.1. P25 Phase I(C4FM)

## 11.5.5.2.1.1.1. Downlink



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

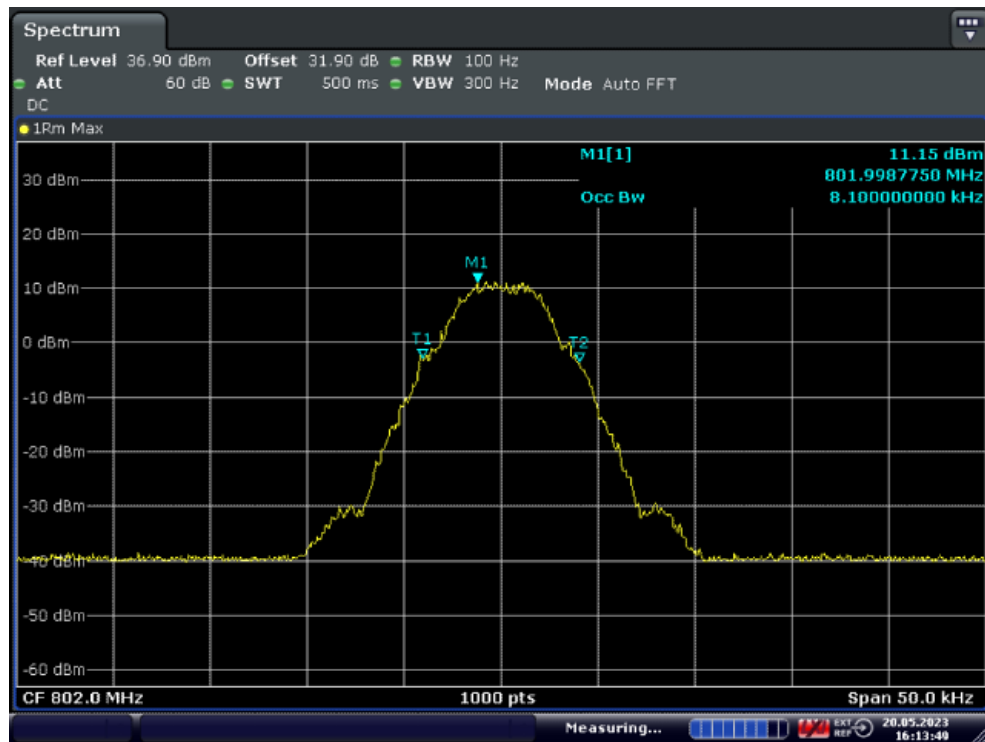
Middle Frequency: 772.0MHz, Output occupied BW(AGC)



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

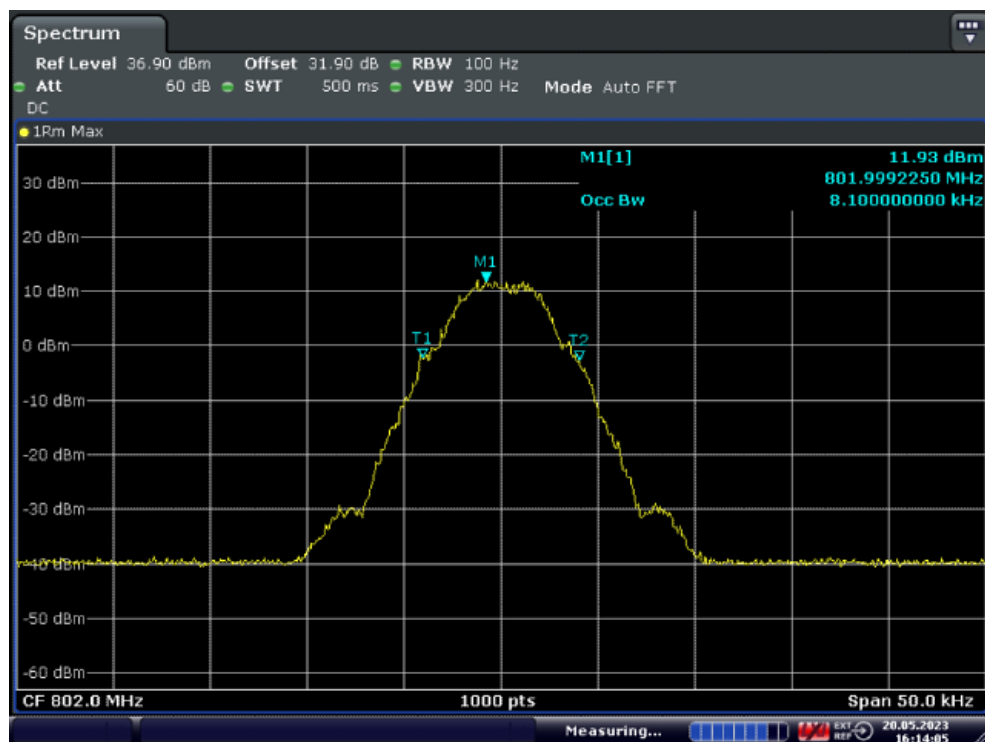
Middle Frequency: 772.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

## 11.5.5.2.1.1.2. Uplink



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

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

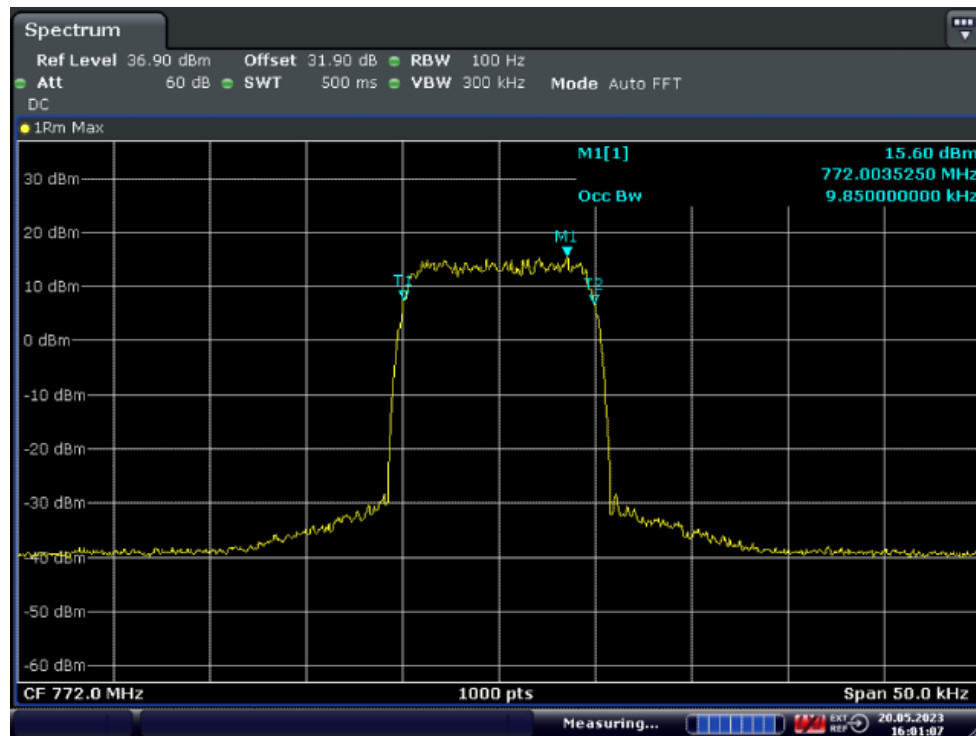


Date: 20.MAY.2023 16:14:05

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

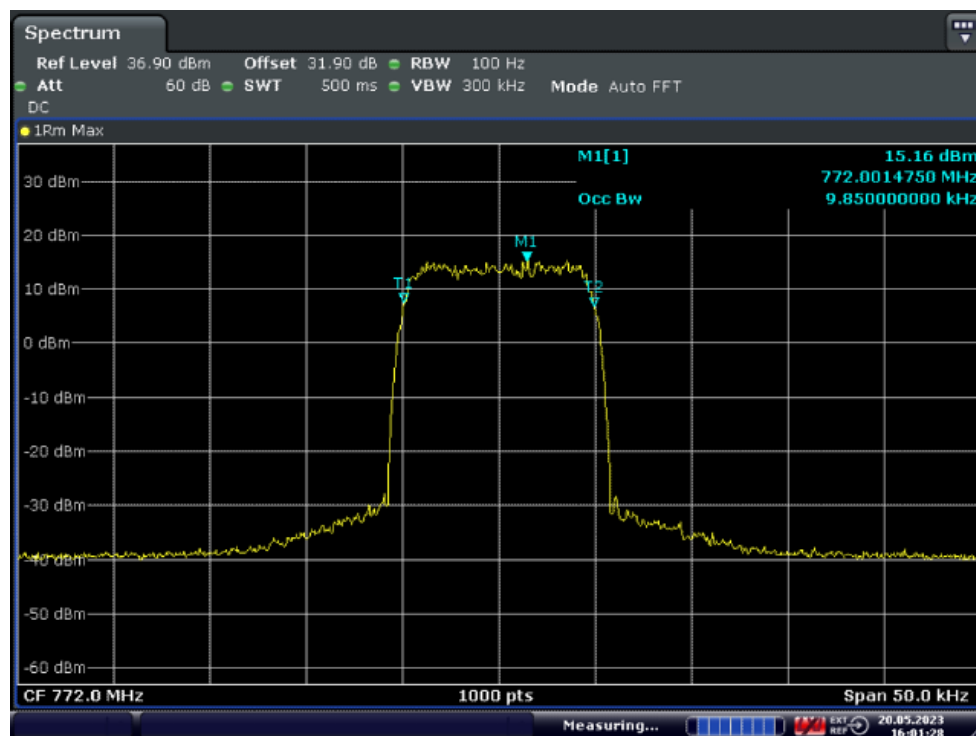
## 11.5.5.2.1.2. P25 Phase II(H-DQPSK)

## 11.5.5.2.1.2.1. Downlink



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

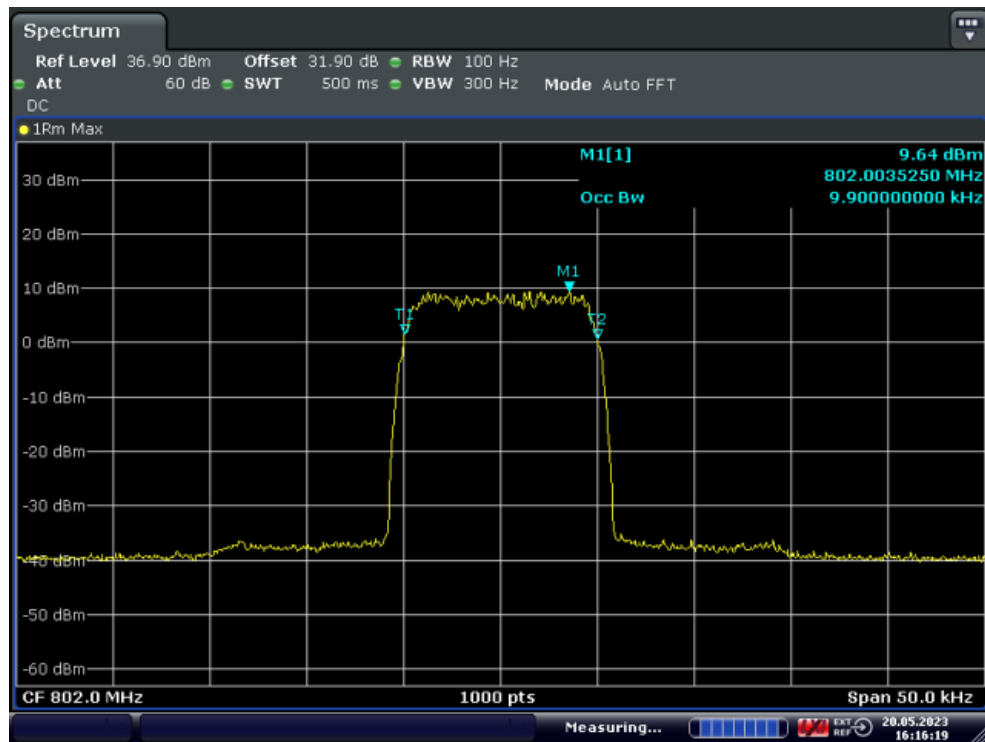
Middle Frequency: 772.0MHz, Output occupied BW(AGC)



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

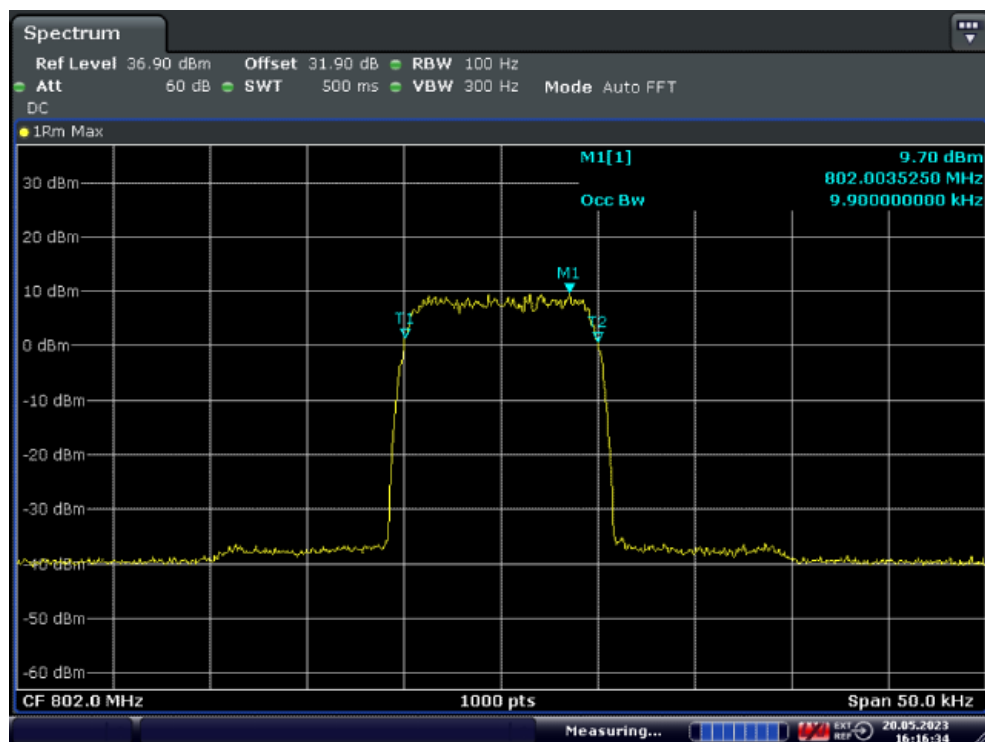
Middle Frequency: 772.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

## 11.5.5.2.1.2.2. Uplink



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

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

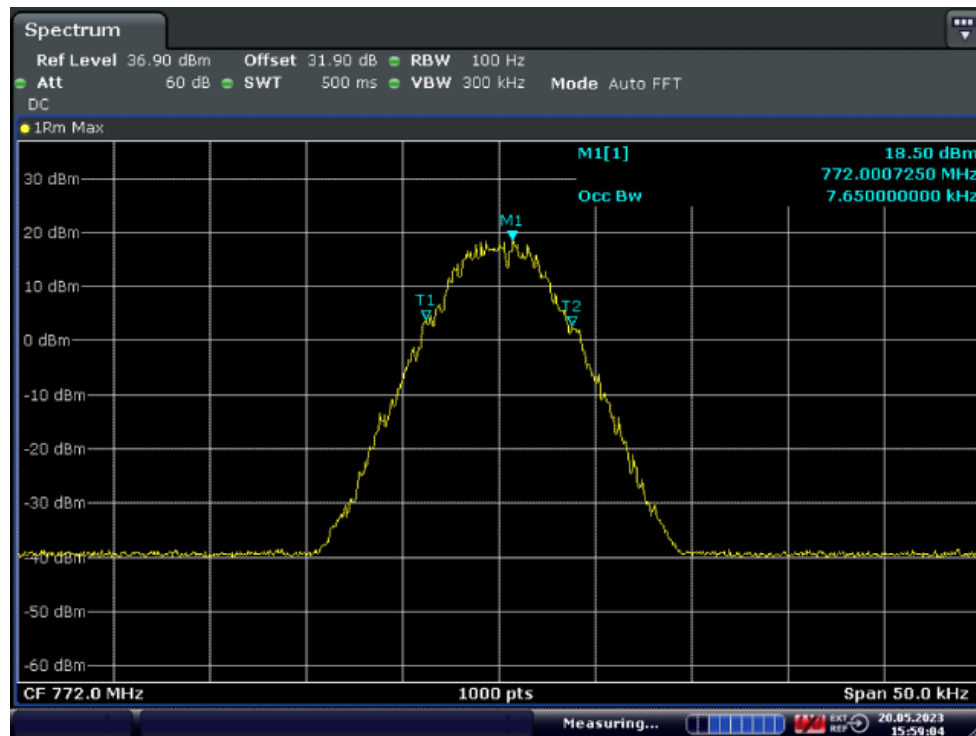


Date: 20.MAY.2023 16:16:34

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

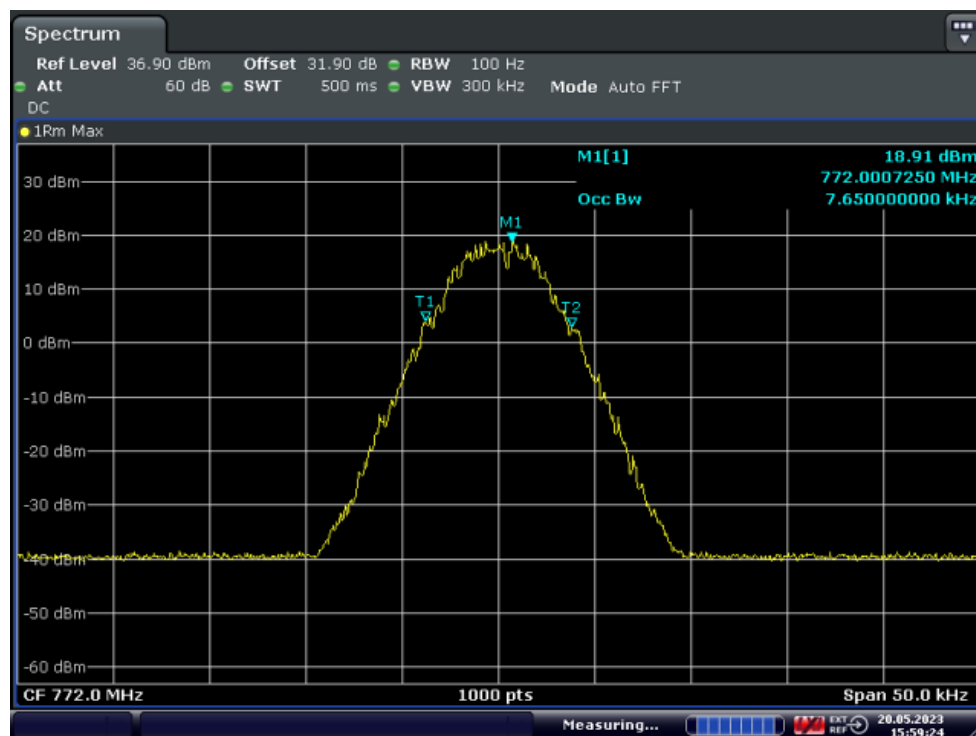
## 11.5.5.2.1.3. DMR

## 11.5.5.2.1.3.1. Downlink



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

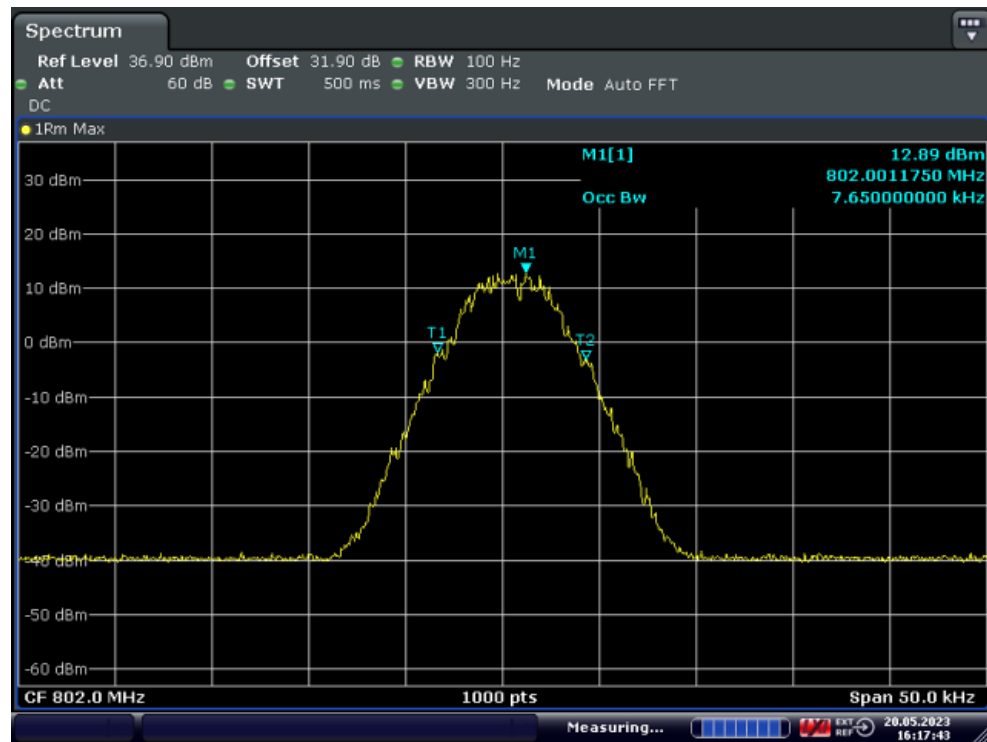
Middle Frequency: 772.0MHz, Output occupied BW(AGC)



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

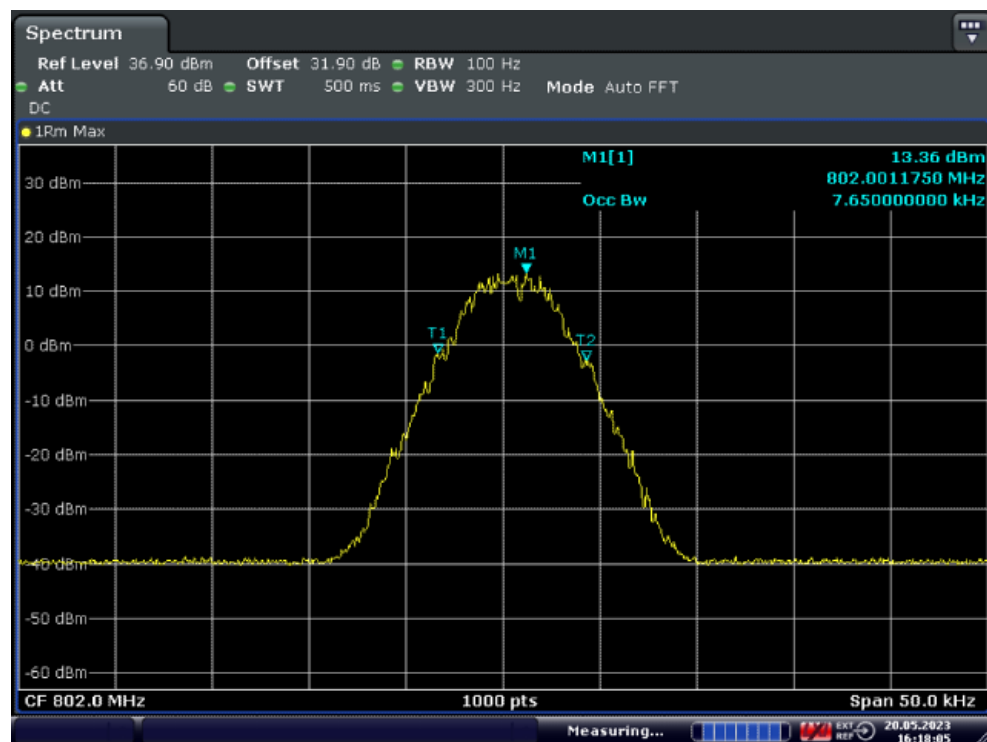
Middle Frequency: 772.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

## 11.5.5.2.1.3.2. Uplink



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

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

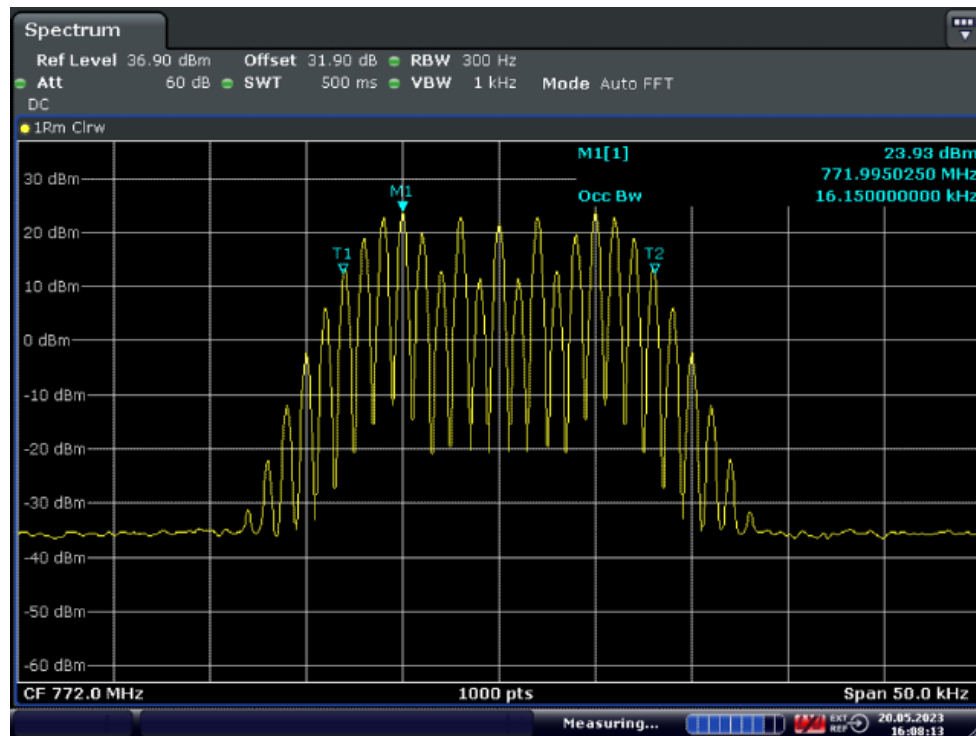


Date: 20.MAY.2023 16:18:05

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

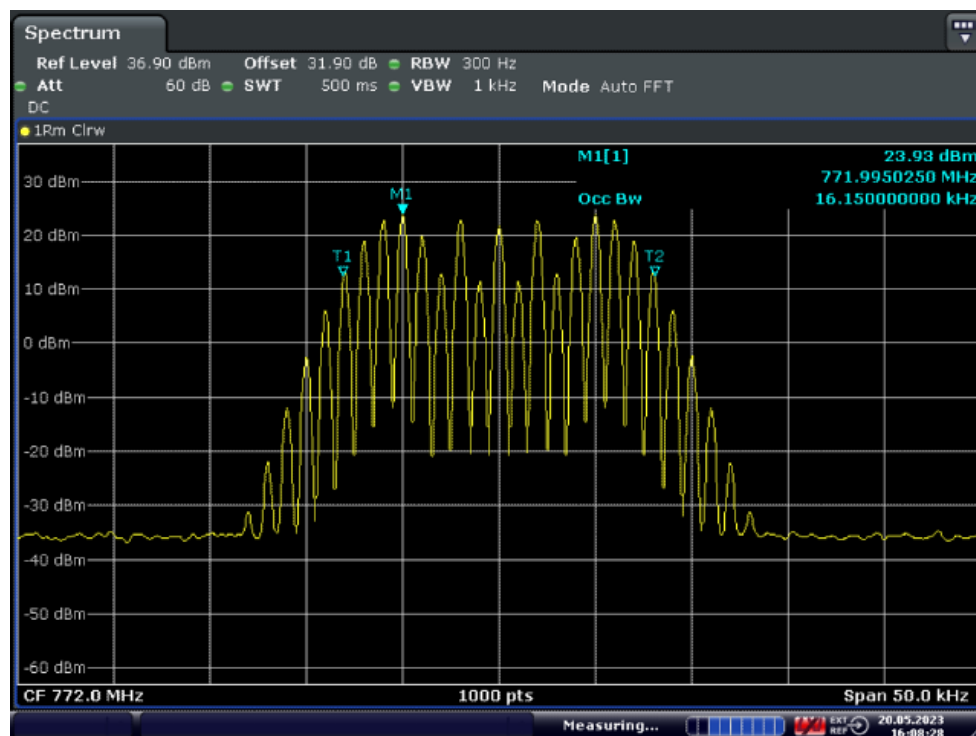
## 11.5.5.2.1.4. Analog FM

## 11.5.5.2.1.4.1. Downlink



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

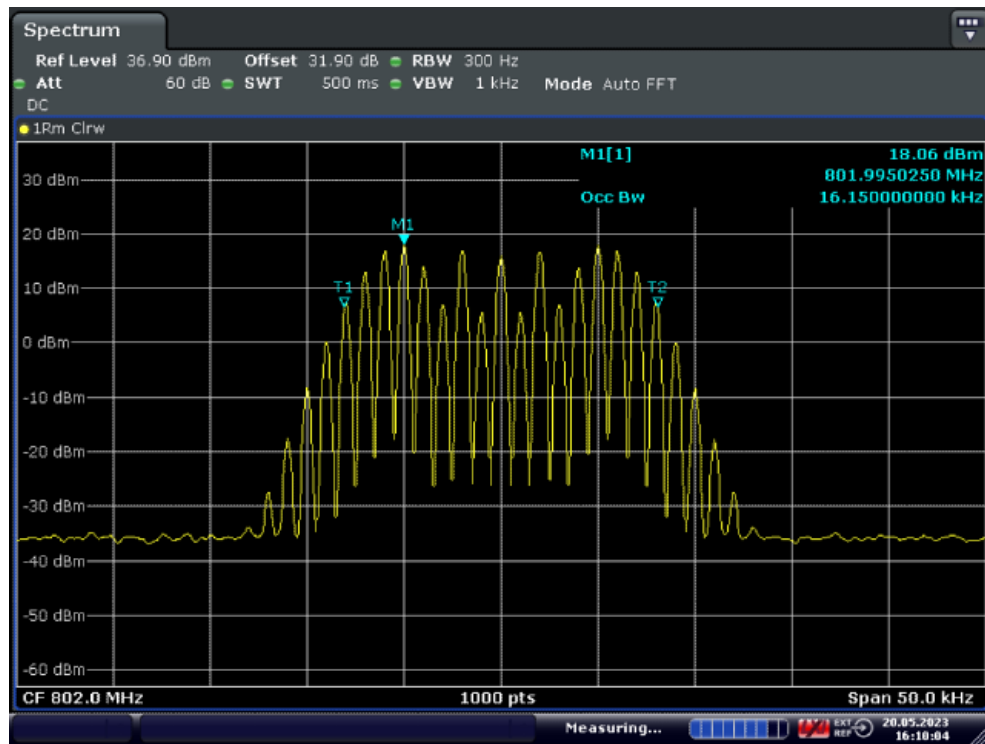
Middle Frequency: 772.0MHz, Output occupied BW(AGC)



Date: 20.MAY.2023 16:08:28

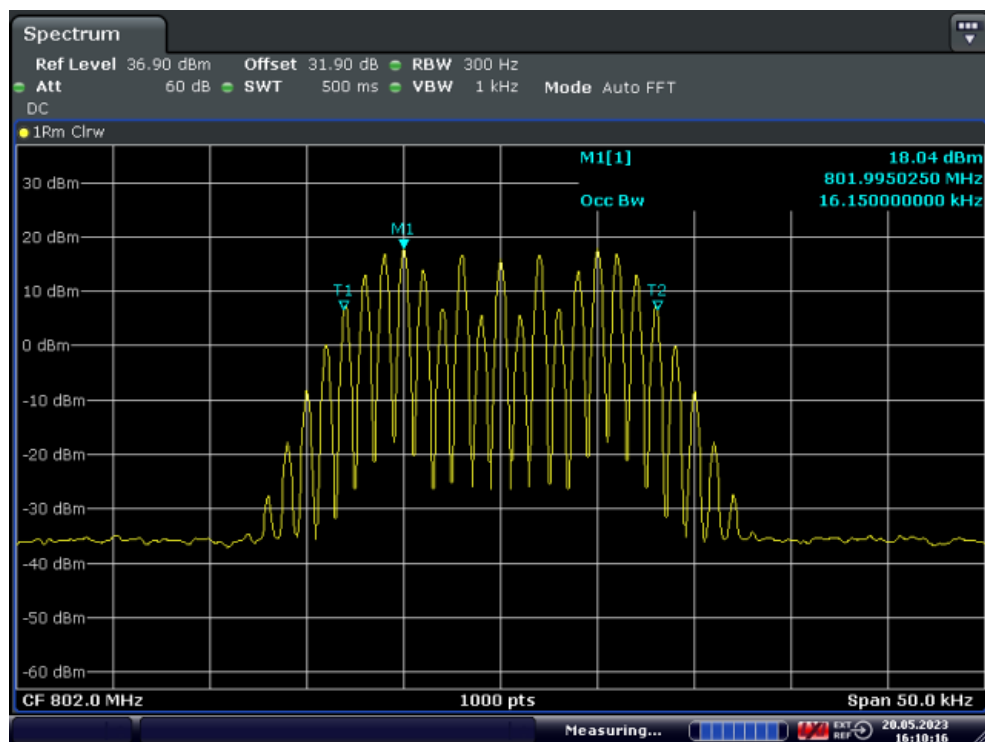
Middle Frequency: 772.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

## 11.5.5.2.1.4.2. Uplink



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

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

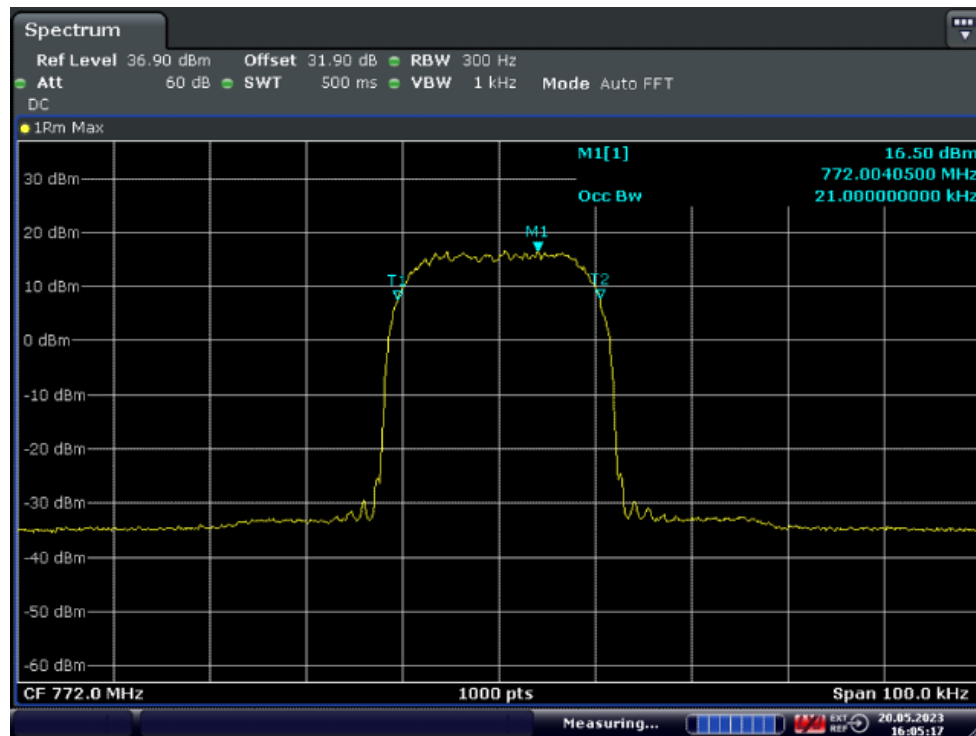


Date: 20.MAY.2023 16:10:16

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

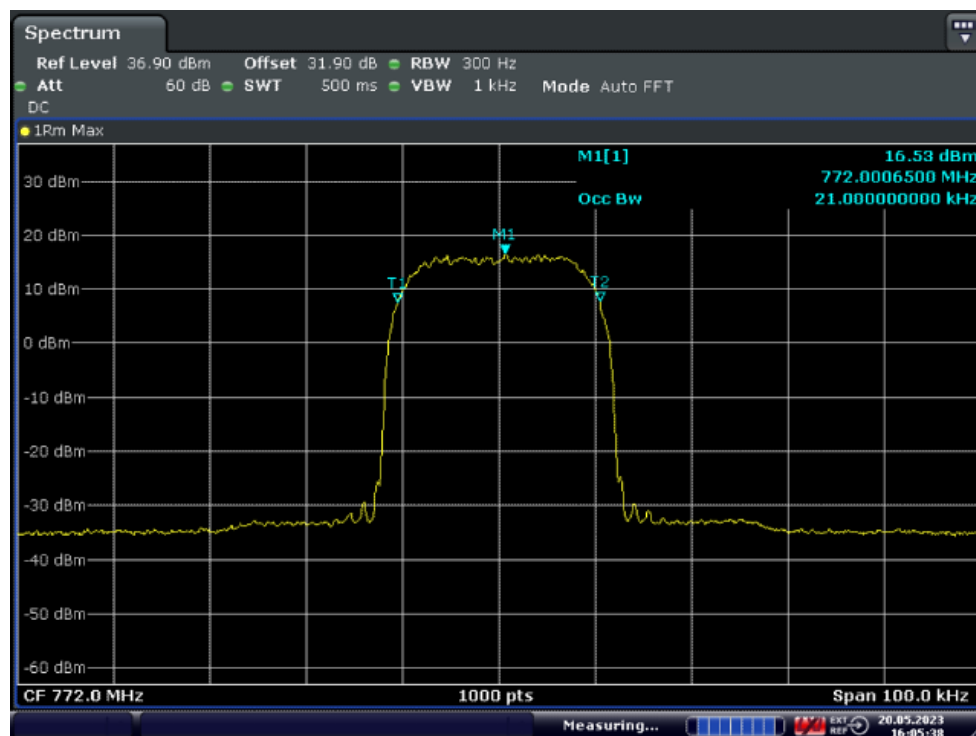
## 11.5.5.2.1.5. Tetra

## 11.5.5.2.1.5.1. Downlink



Date: 20.MAY.2023 16:05:17

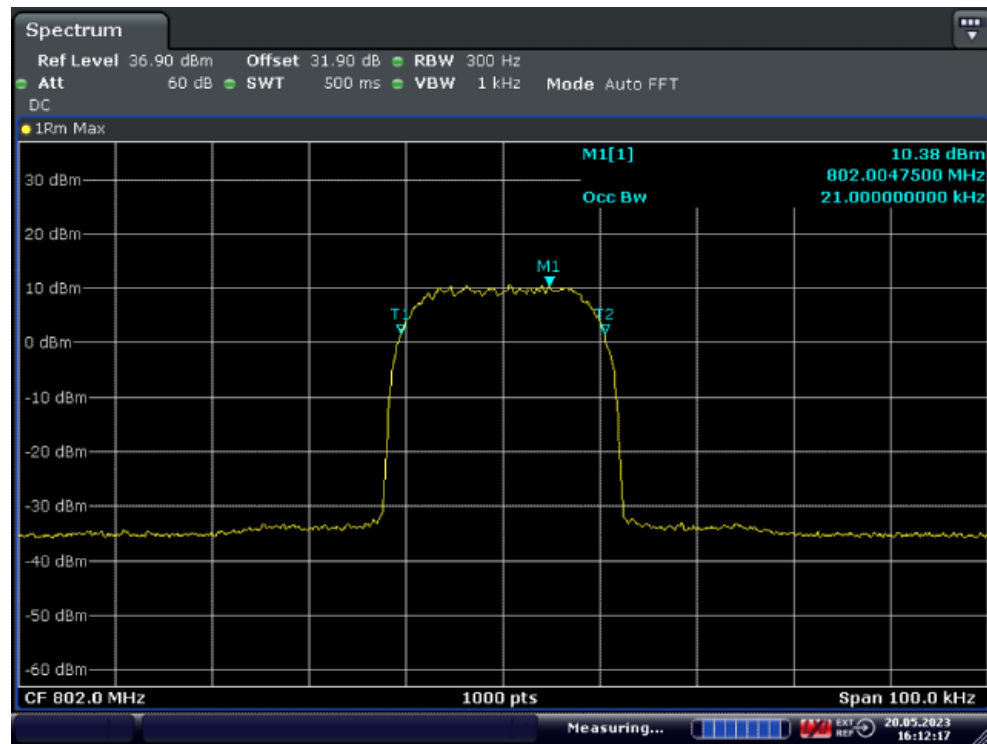
Middle Frequency: 772.0MHz, Output occupied BW(AGC)



Date: 20.MAY.2023 16:05:37

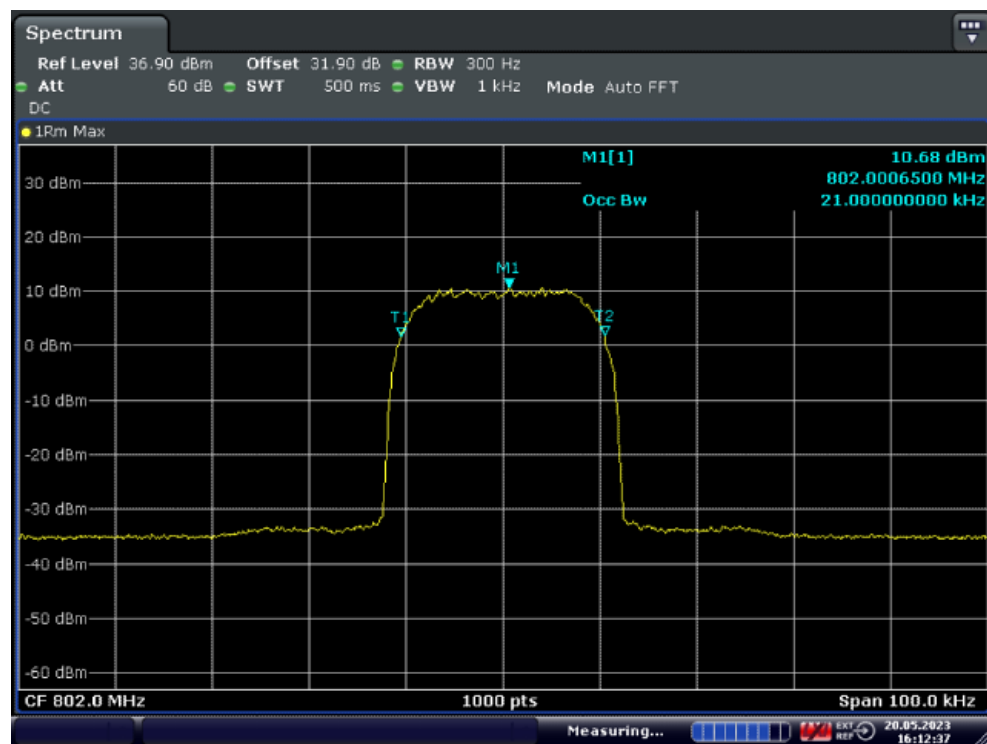
Middle Frequency: 772.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

#### 11.5.5.2.1.5.2. Uplink



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

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



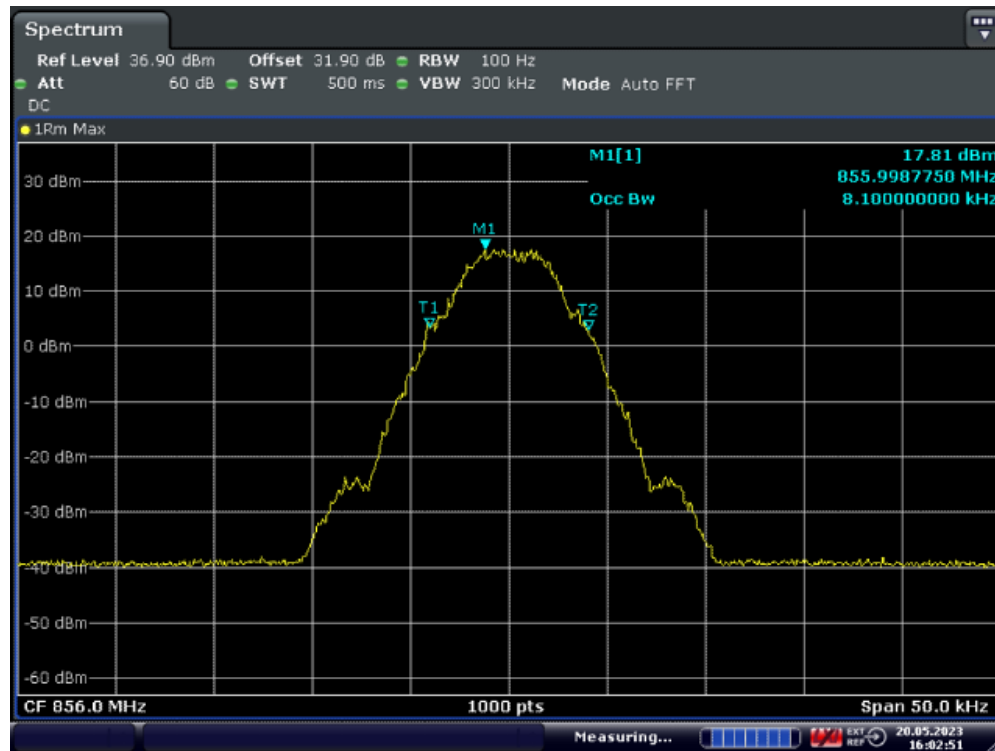
Date: 20.MAY.2023 16:12:37

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

## 11.5.5.2.2. 800MHz Band

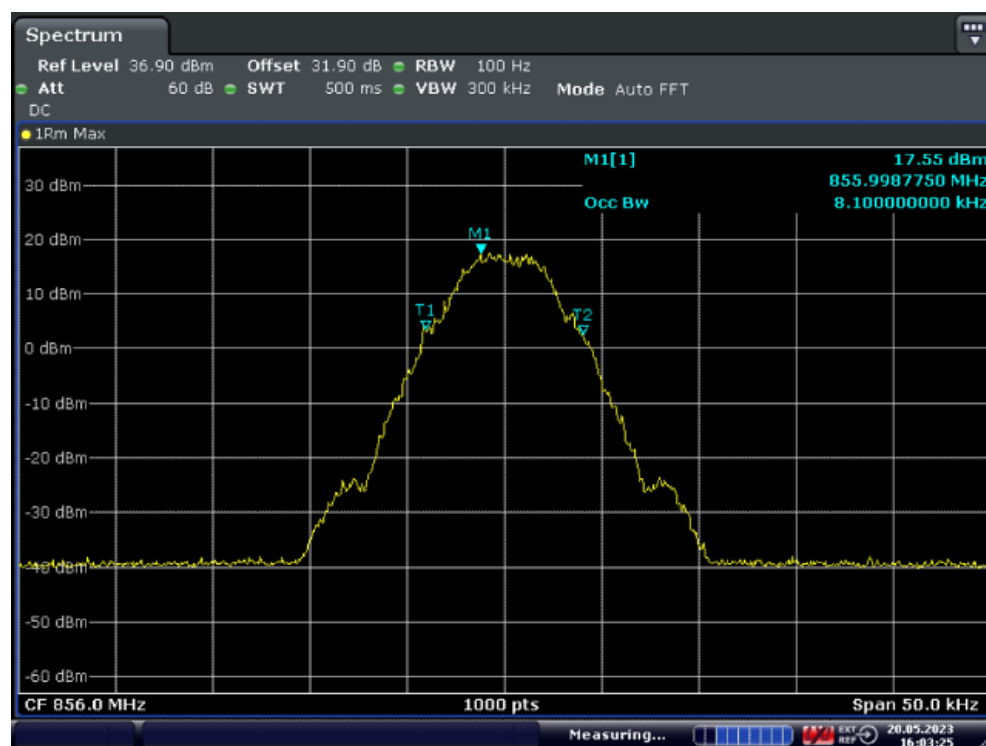
## 11.5.5.2.2.1. P25 Phase I(C4FM)

## 11.5.5.2.2.1.1. Downlink



Date: 20.MAY.2023 16:02:51

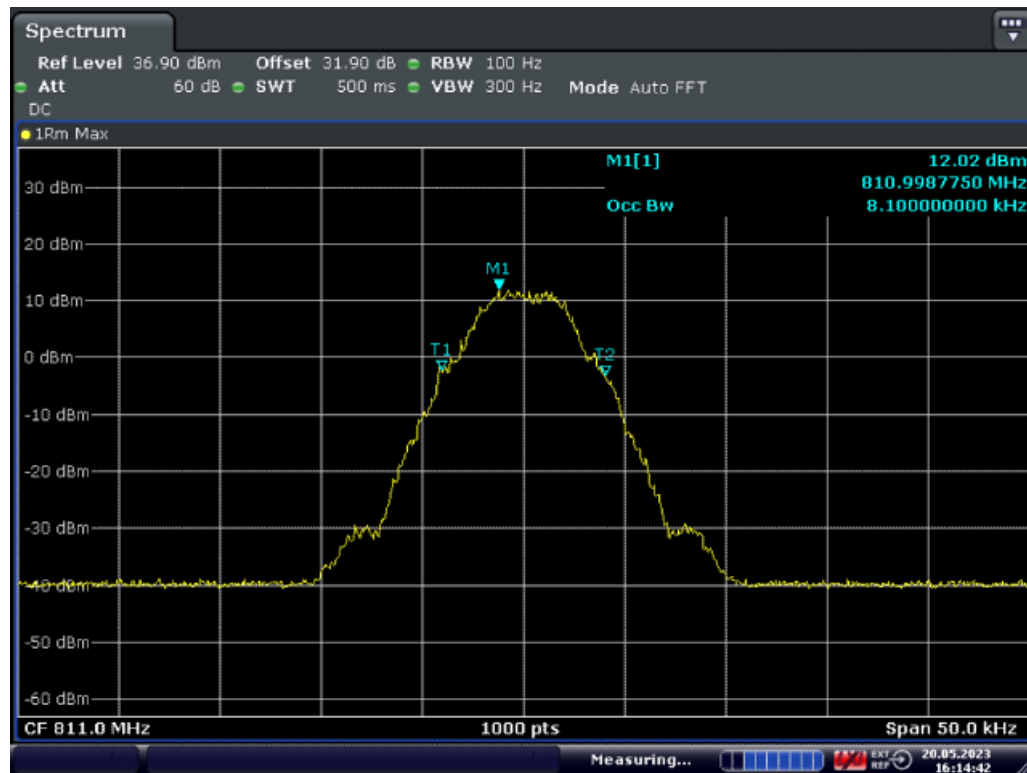
Middle Frequency: 856.0MHz, Output occupied BW(AGC)



Date: 20.MAY.2023 16:03:25

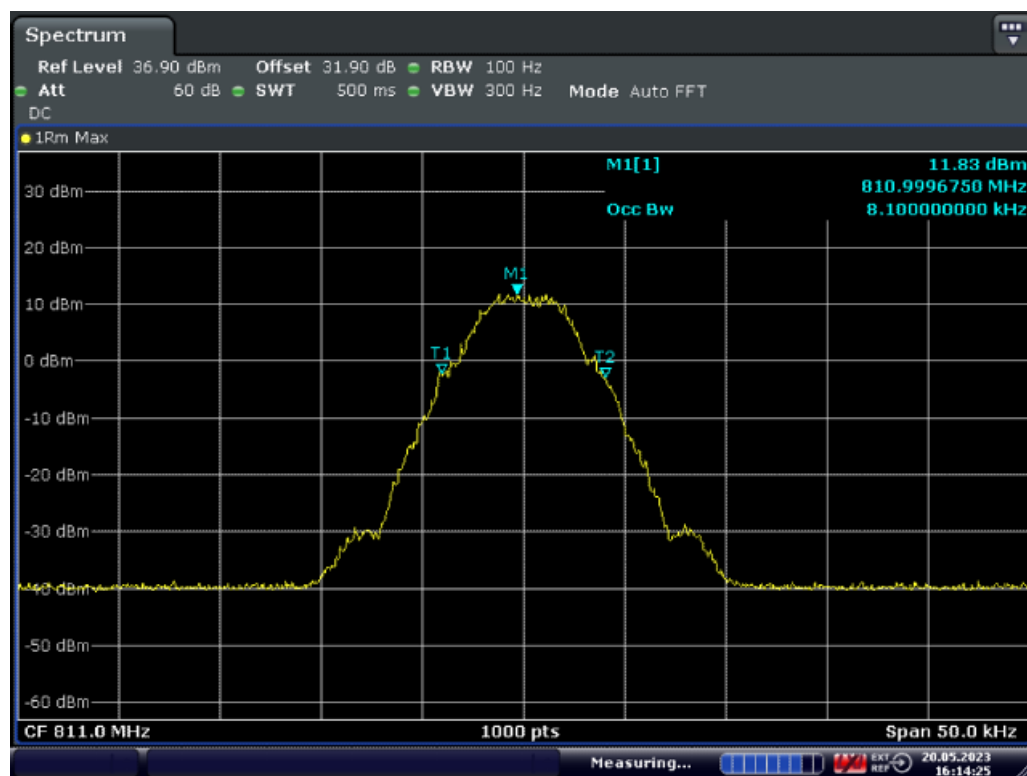
Middle Frequency: 856.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

## 11.5.5.2.2.1.2. Uplink



Date: 20.MAY.2023 16:14:42

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

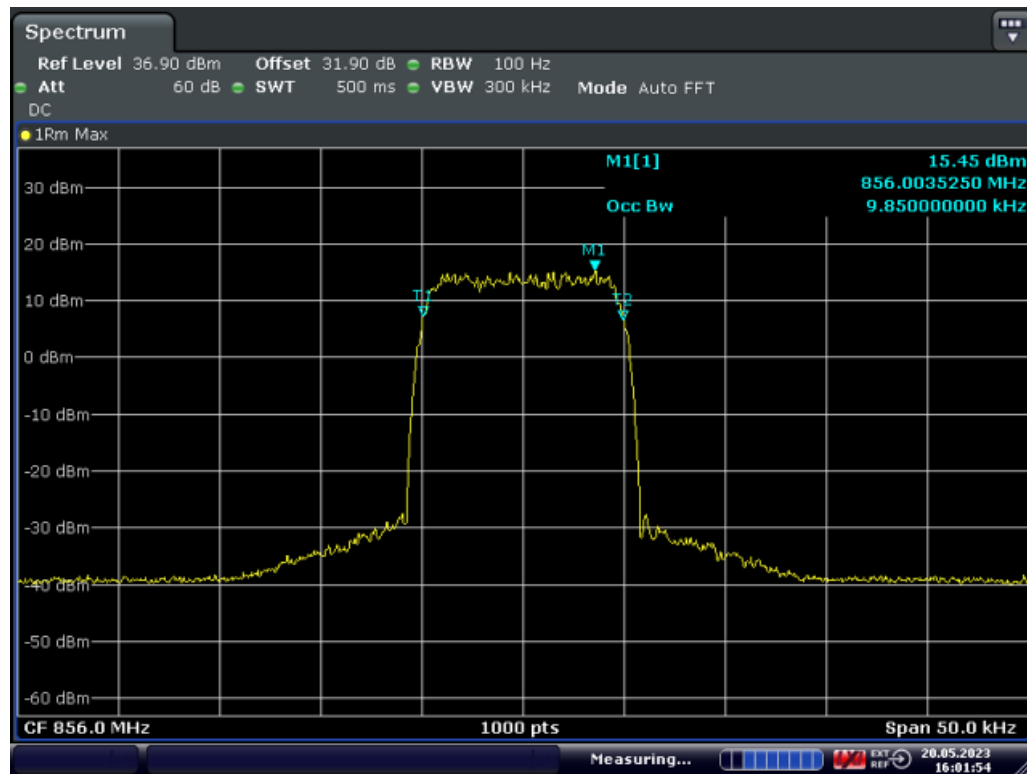


Date: 20.MAY.2023 16:14:24

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

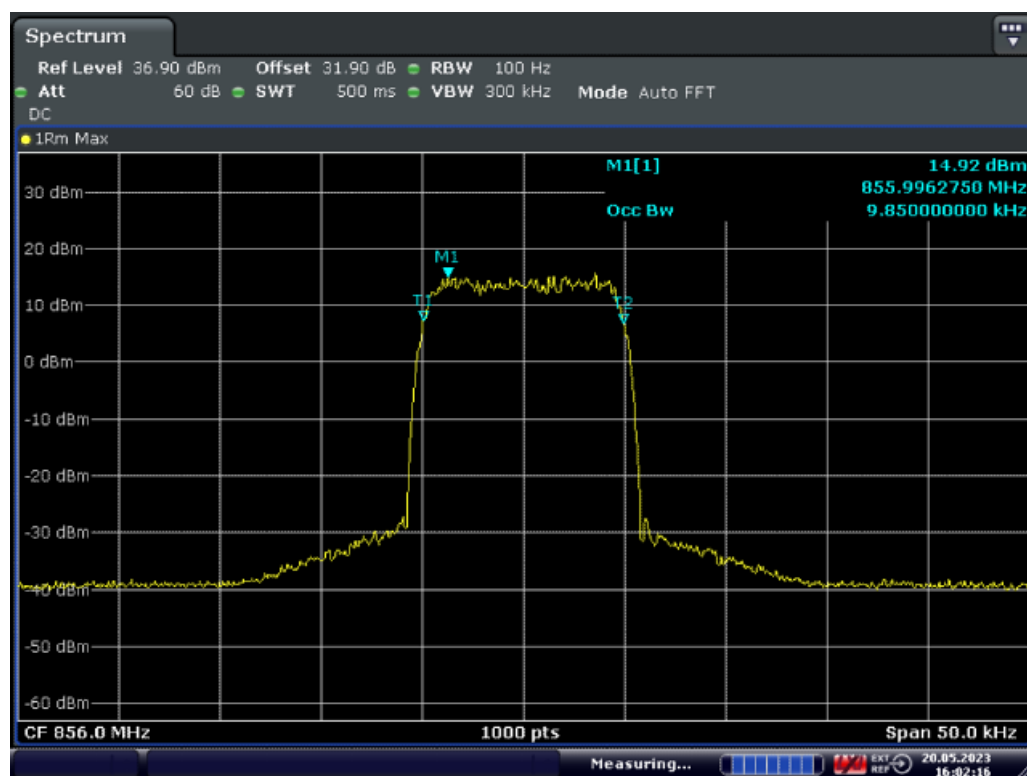
## 11.5.5.2.2.2. P25 Phase II(H-DQPSK)

## 11.5.5.2.2.2.1. Downlink



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

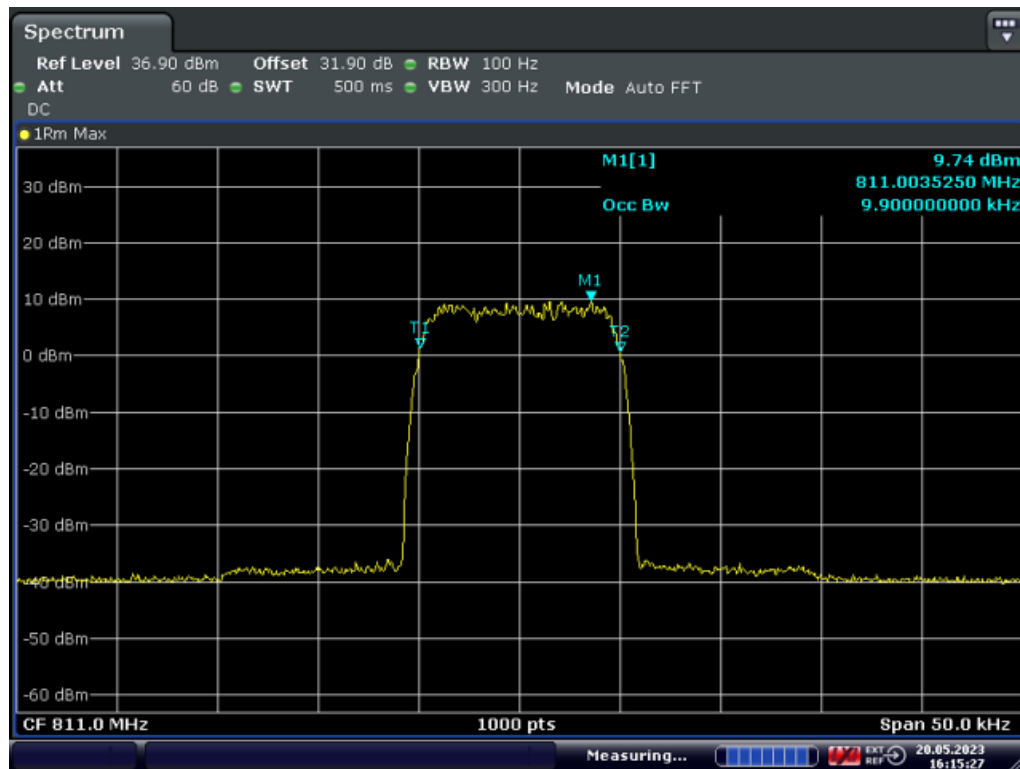
Middle Frequency: 856.0MHz, Output occupied BW(AGC)



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

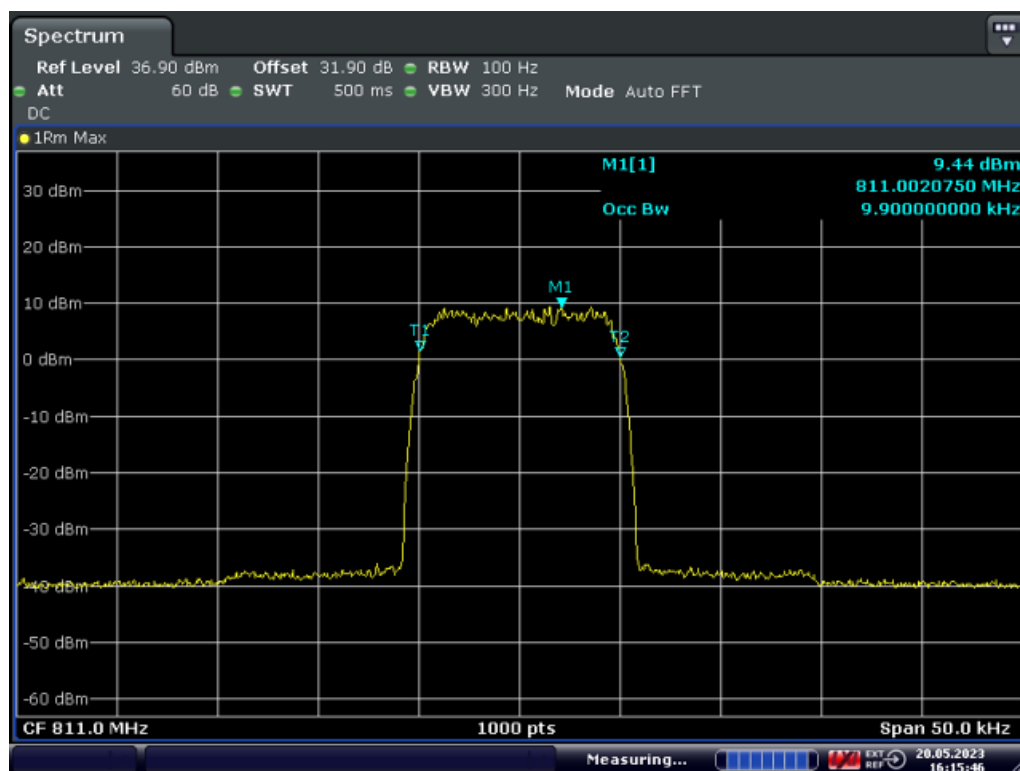
Middle Frequency: 856.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

## 11.5.5.2.2.2. Uplink



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

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

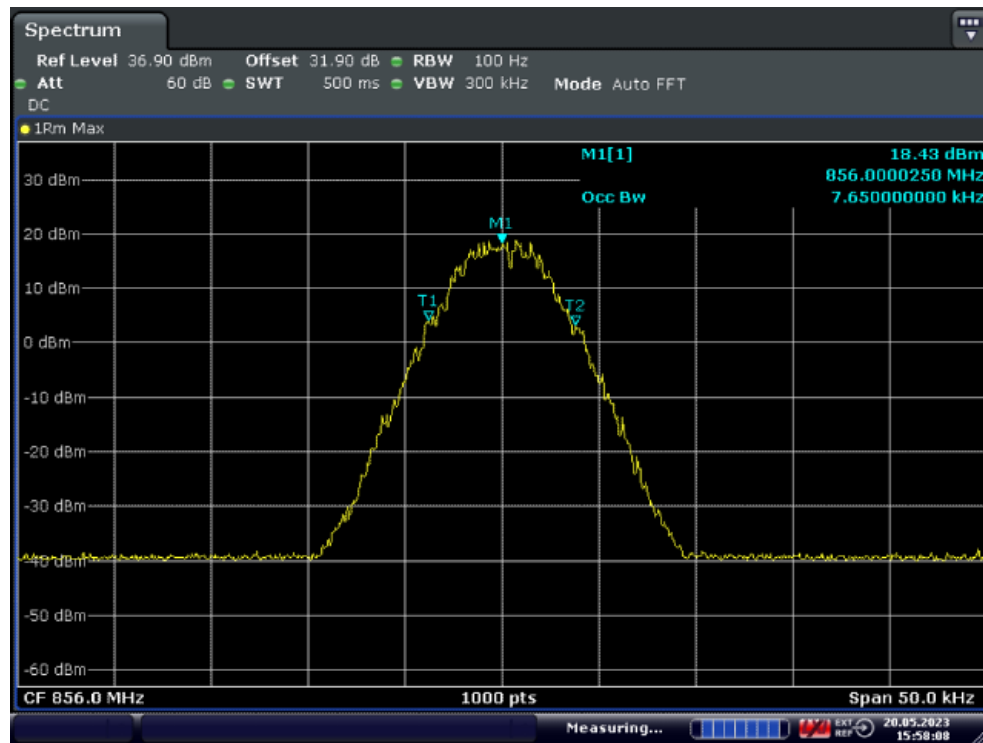


Date: 20.MAY.2023 16:15:45

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

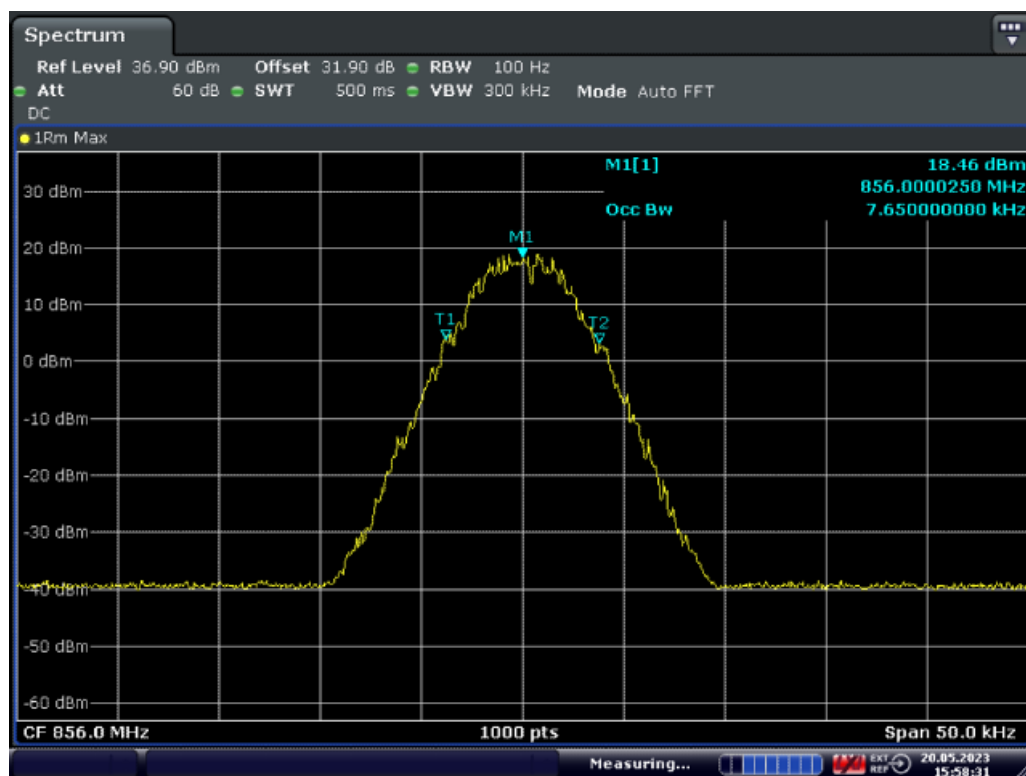
## 11.5.5.2.2.3. DMR

## 11.5.5.2.2.3.1. Downlink



Date: 20.MAY.2023 15:58:07

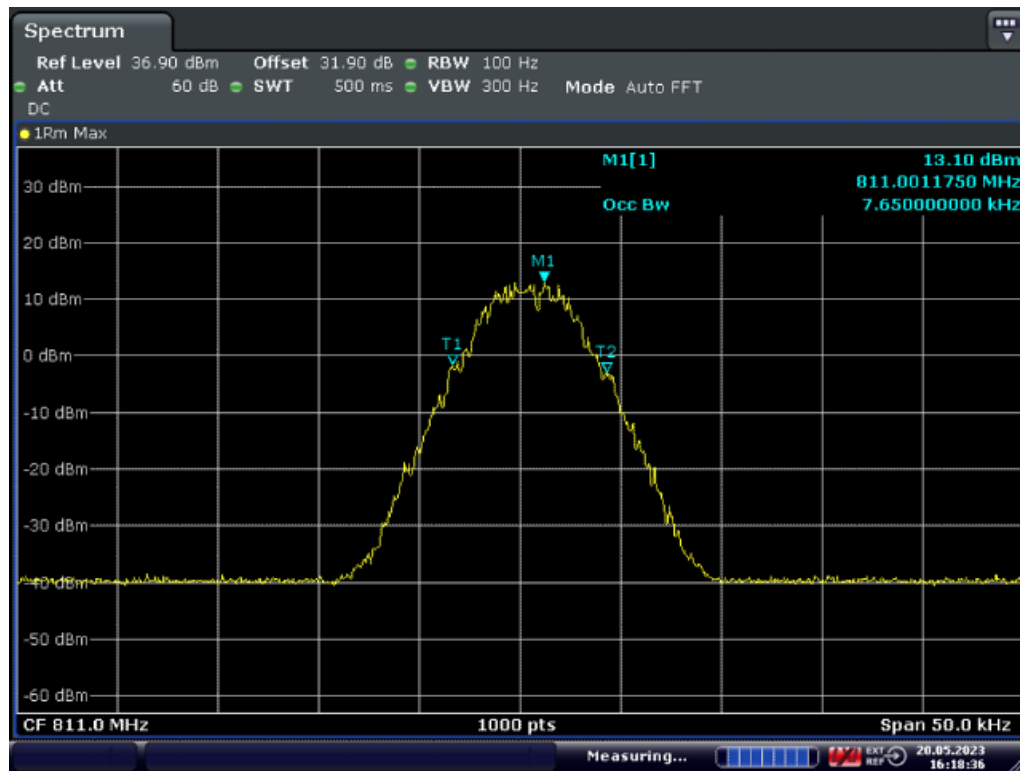
Middle Frequency: 856.0MHz, Output occupied BW(AGC)



Date: 20.MAY.2023 15:58:31

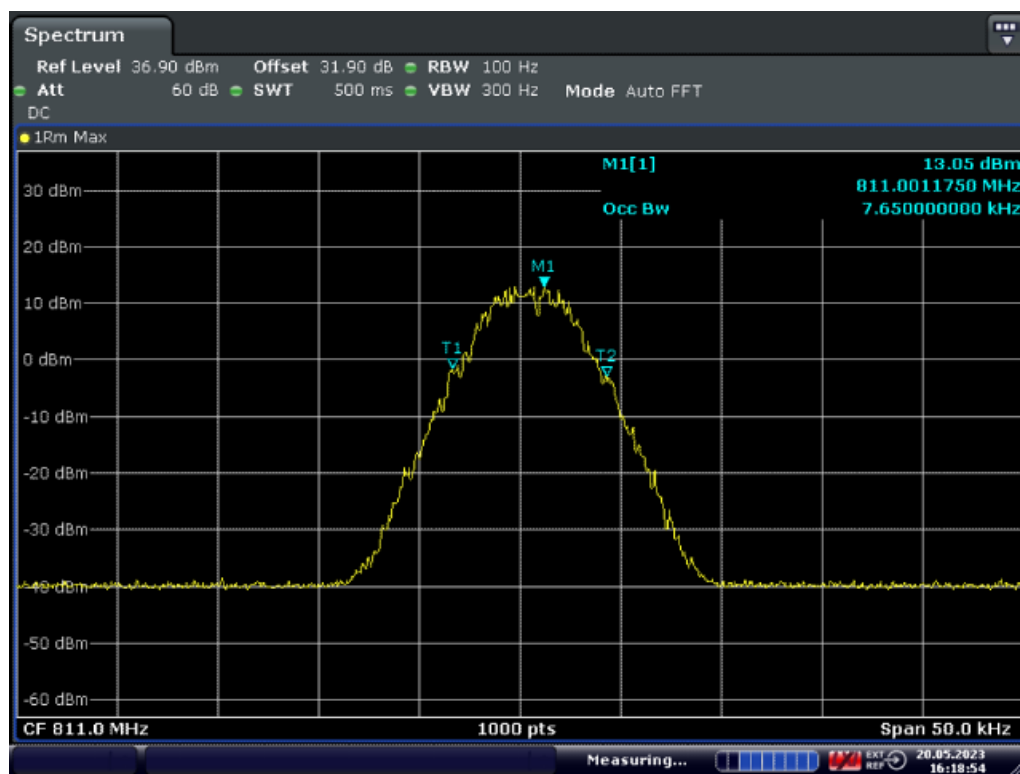
Middle Frequency: 856.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

## 11.5.5.2.3.2. Uplink



Date: 20.MAY.2023 16:18:36

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

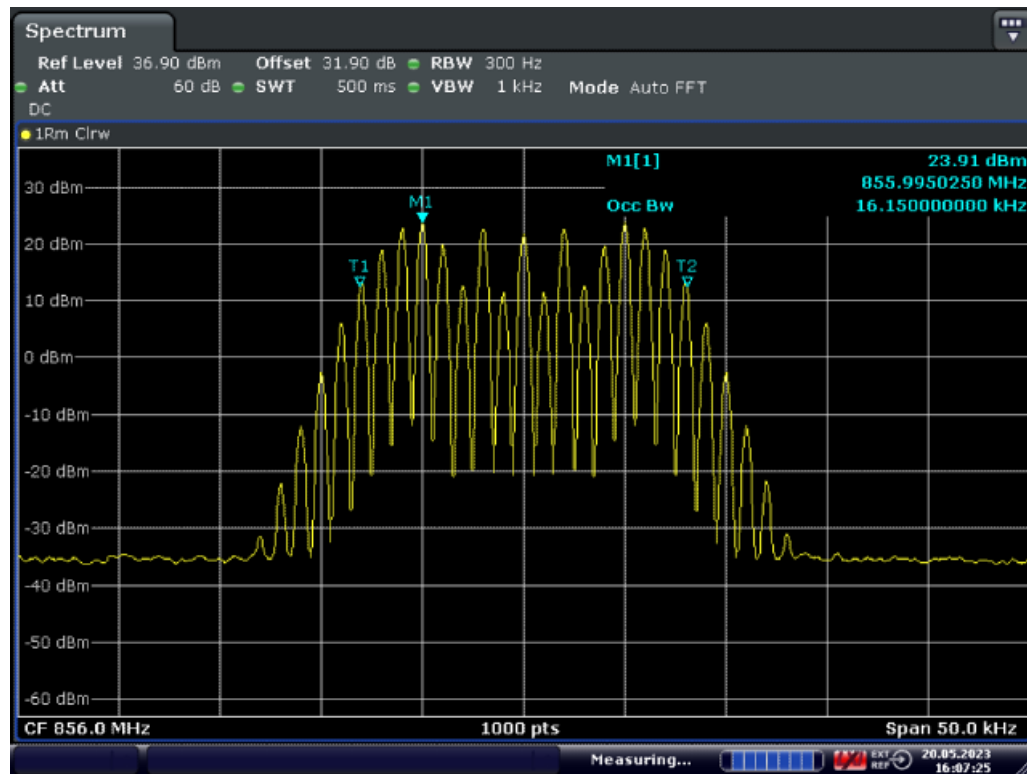


Date: 20.MAY.2023 16:18:54

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

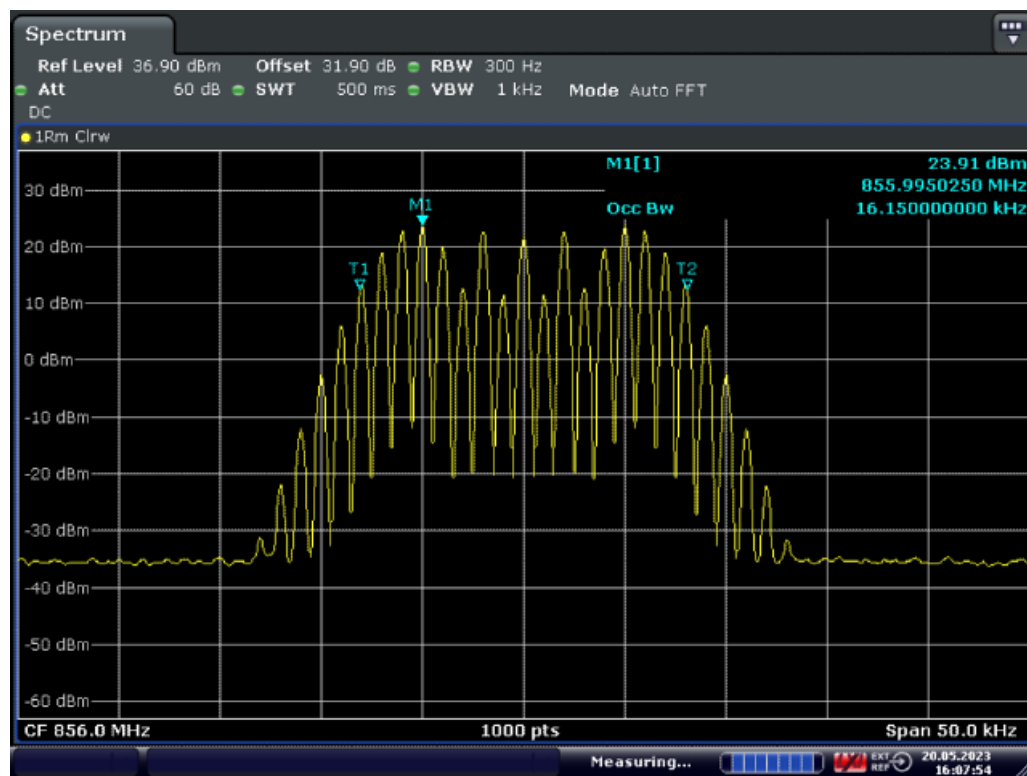
## 11.5.5.2.2.4. Analog FM

## 11.5.5.2.2.4.1. Downlink



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

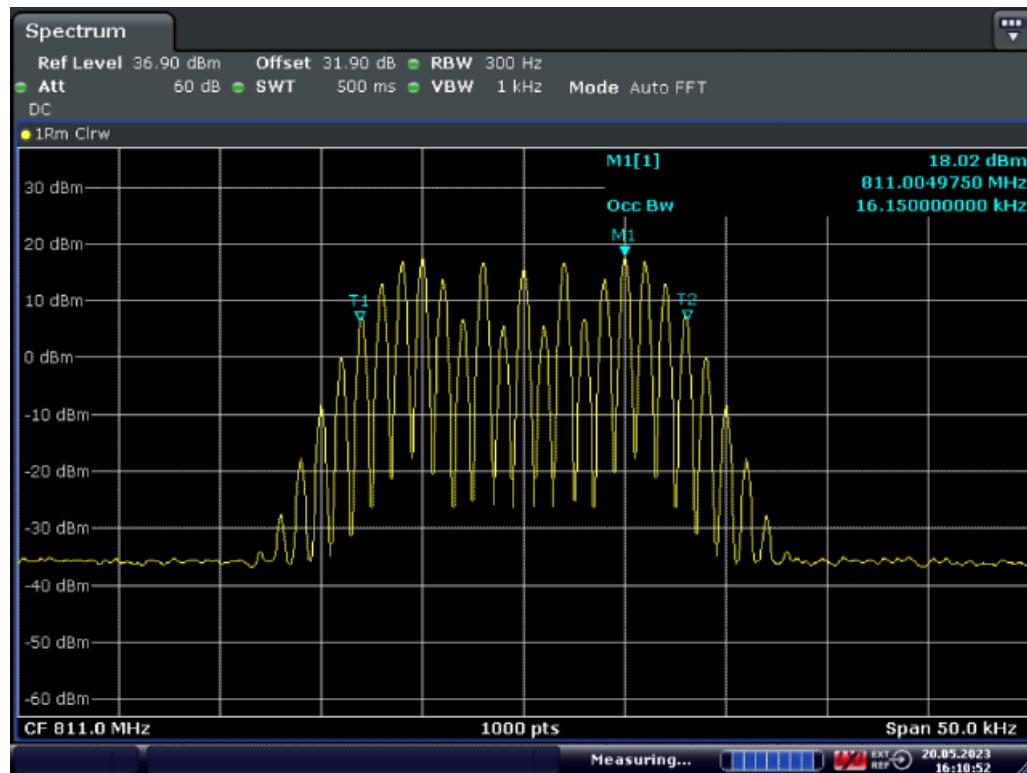
Middle Frequency: 856.0MHz, Output occupied BW(AGC)



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

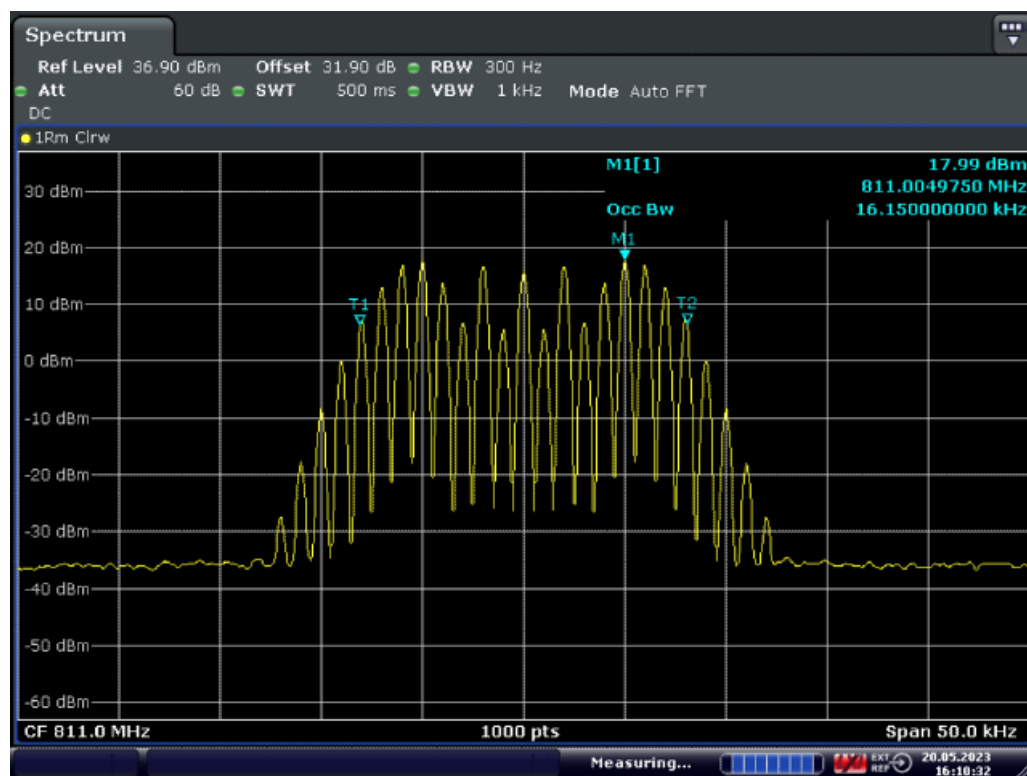
Middle Frequency: 856.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

## 11.5.5.2.2.4.2. Uplink



Date: 20.MAY.2023 16:10:52

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

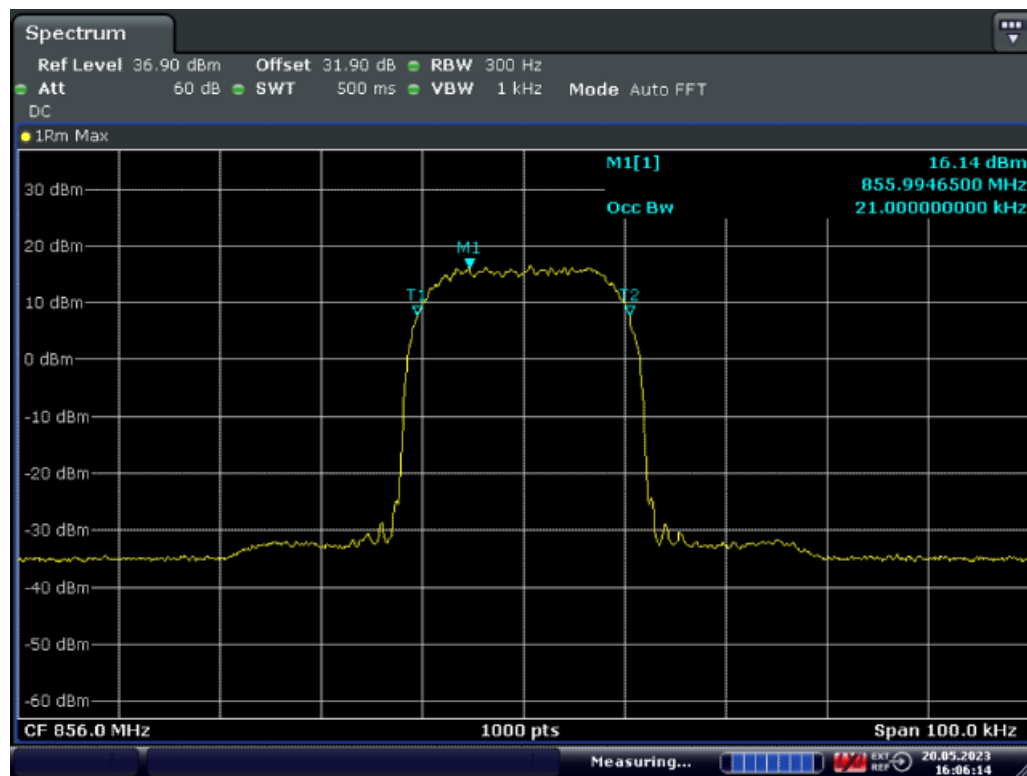


Date: 20.MAY.2023 16:10:32

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

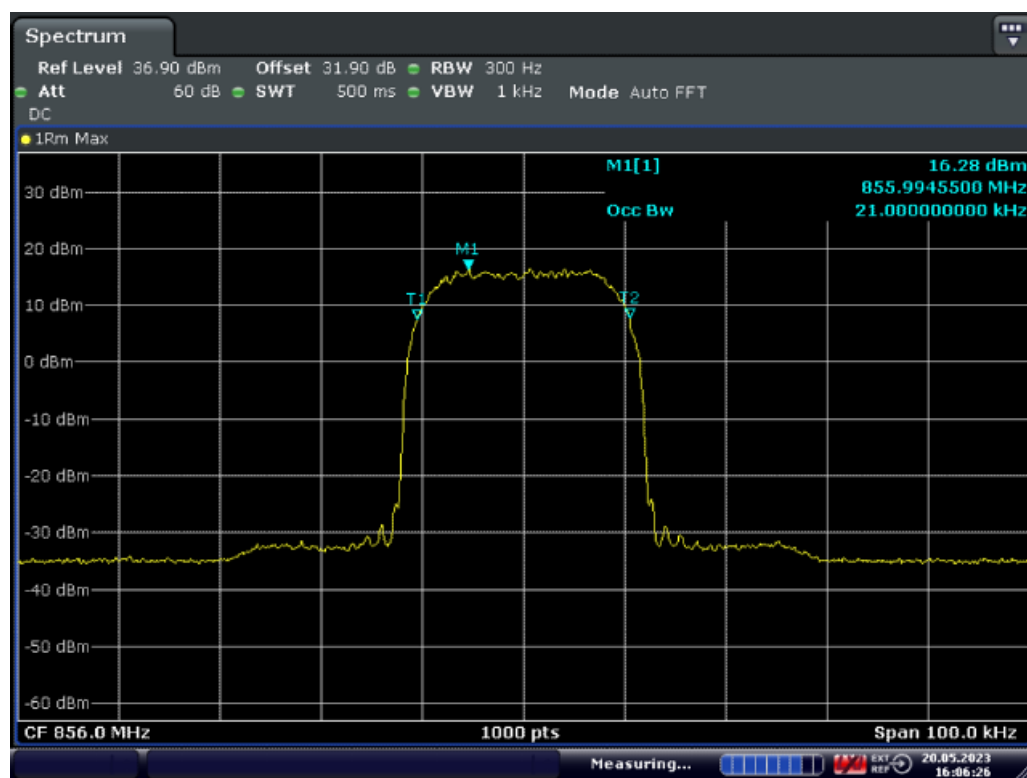
#### 11.5.5.2.2.5. Tetra

#### 11.5.5.2.2.5.1. Downlink



Date: 20.MAY.2023 16:06:13

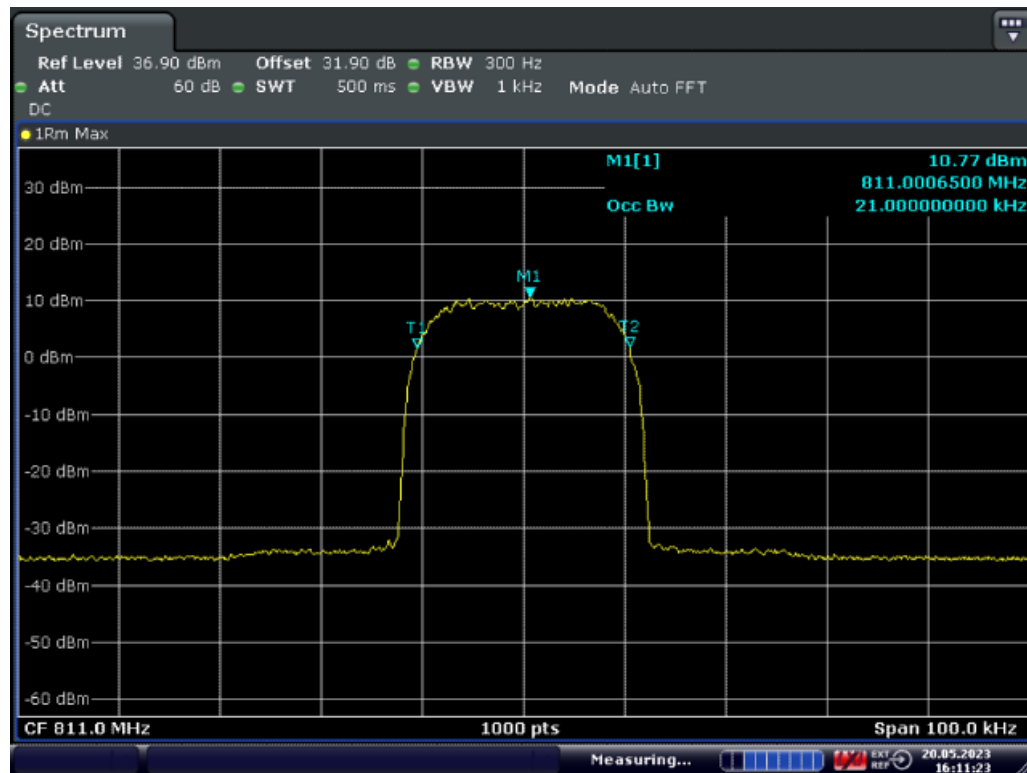
Middle Frequency: 856.0MHz, Output occupied BW(AGC)



Date: 20.MAY.2023 16:06:26

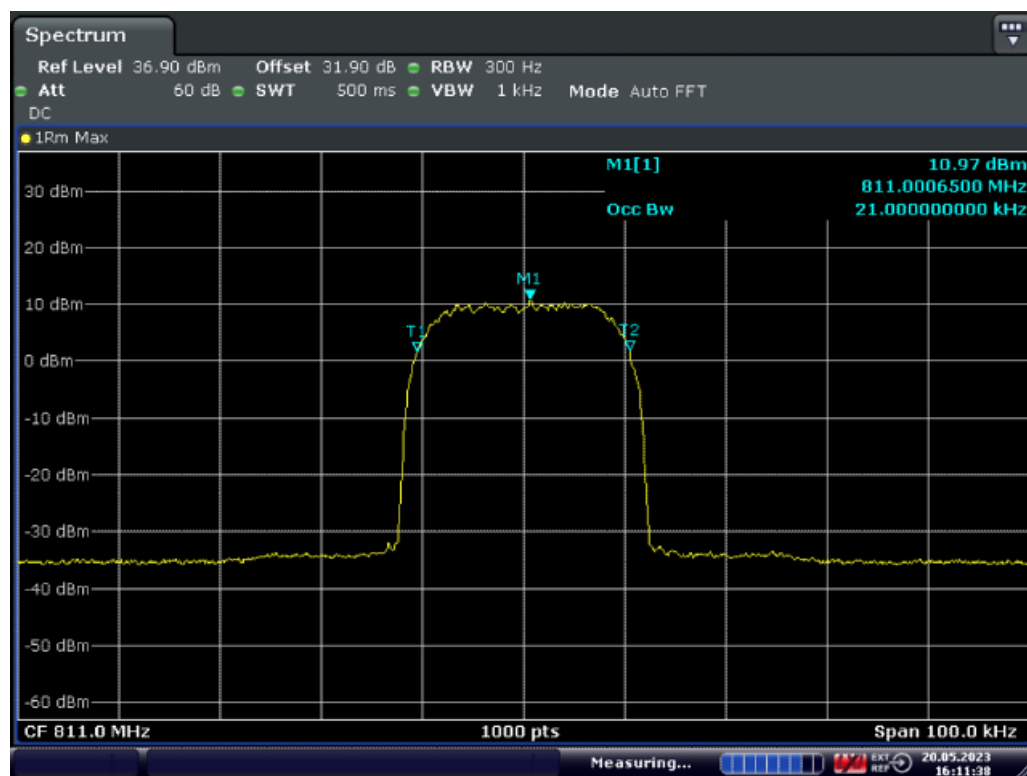
Middle Frequency: 856.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

## 11.5.5.2.2.5.2. Uplink



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

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



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

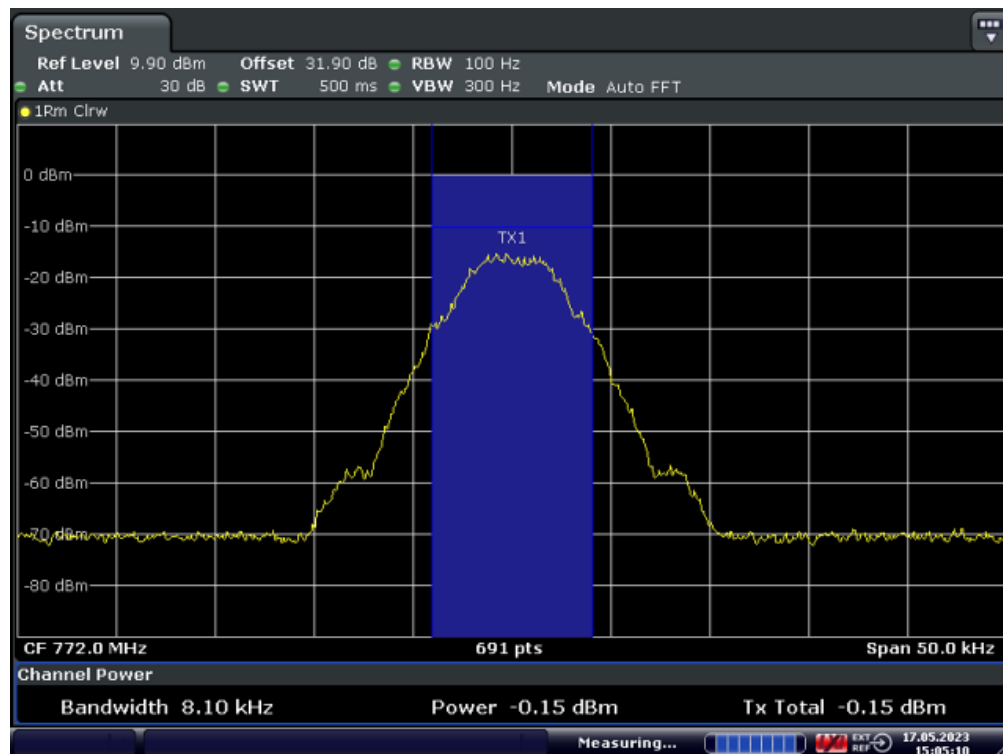
Middle Frequency: 811.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

## 11.5.5.3. Input VS output Comparison

## 11.5.5.3.1. 700MHz Band

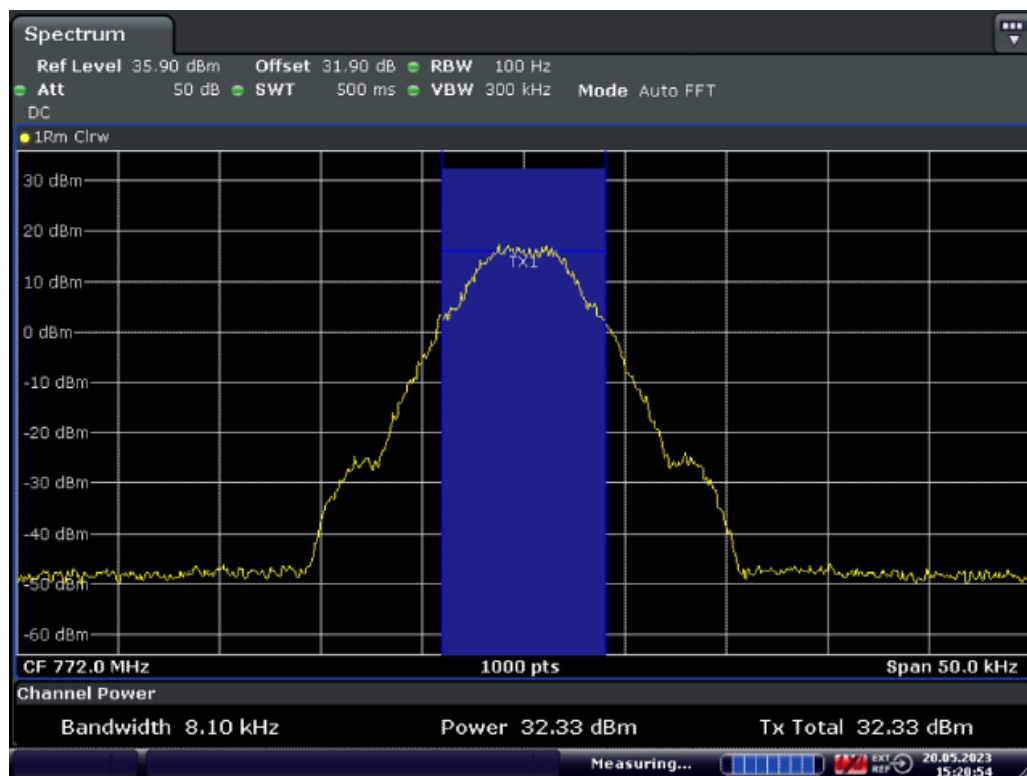
## 11.5.5.3.1.1. P25 Phase I(C4FM)

## 11.5.5.3.1.1.1. Downlink



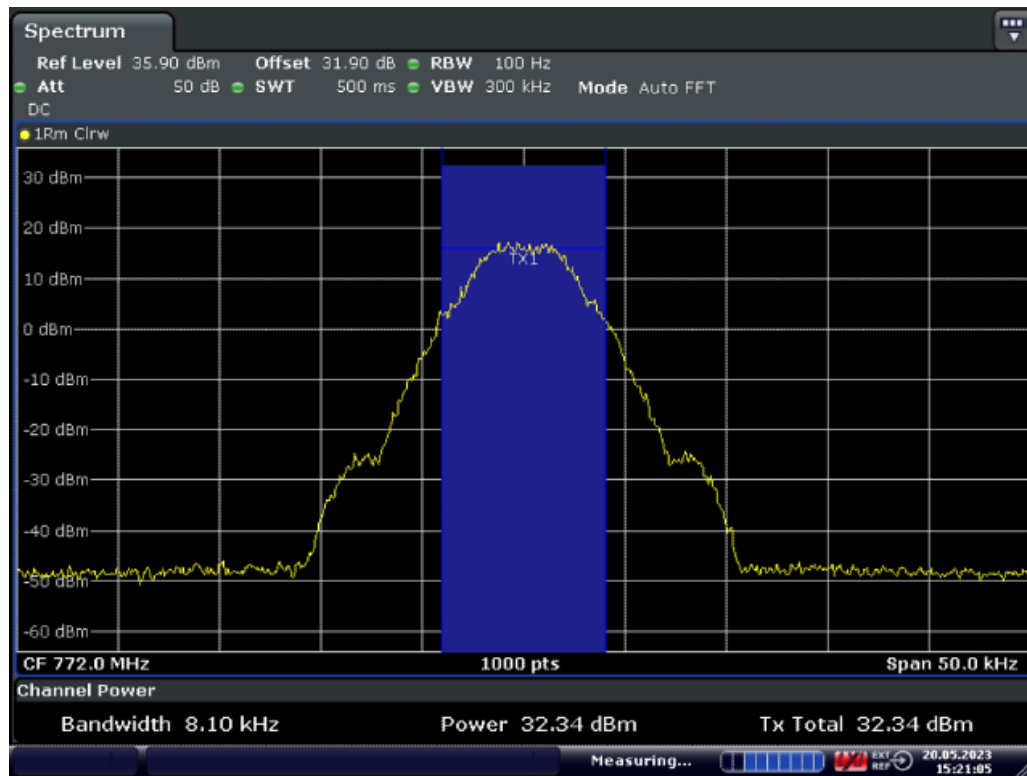
Date: 17.MAY.2023 15:05:11

Middle Frequency: 772.0MHz, Input occupied BW



Date: 20.MAY.2023 15:20:54

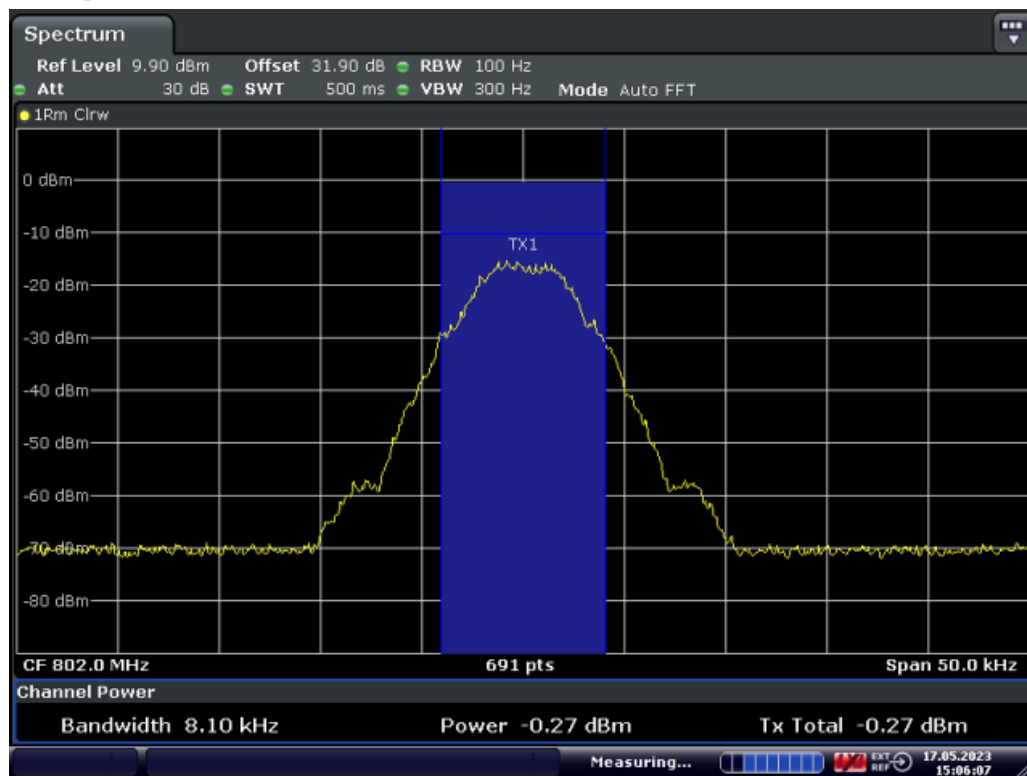
Middle Frequency: 772.0MHz, Output occupied BW(AGC)



Date: 20.MAY.2023 15:21:05

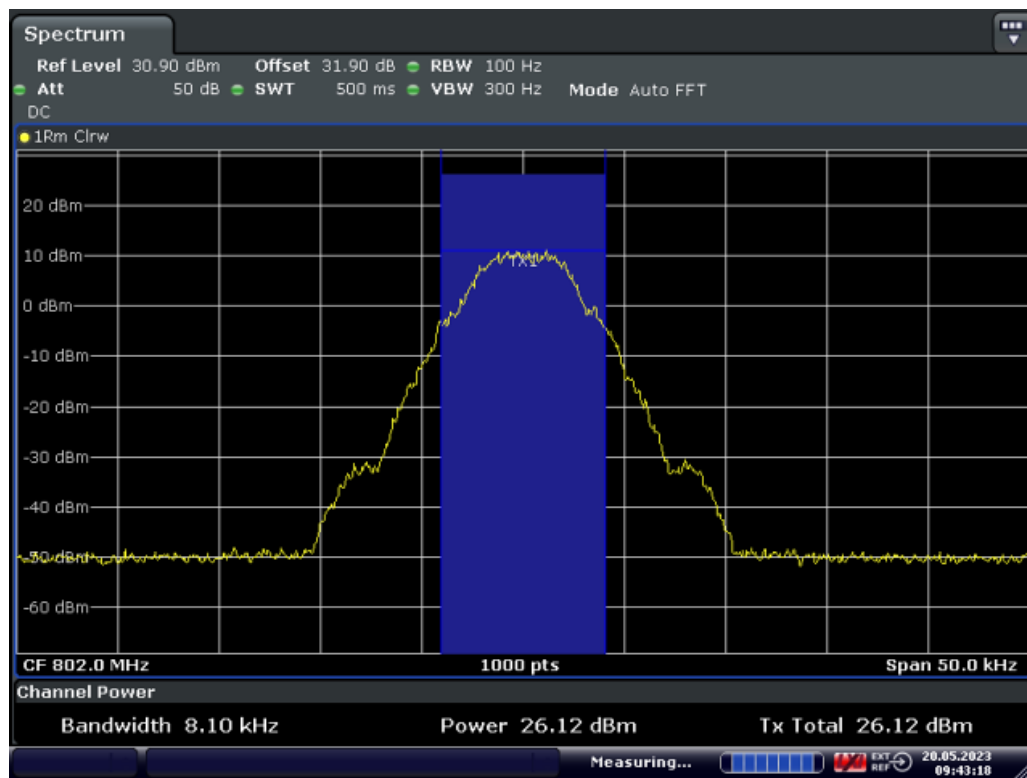
Middle Frequency: 772.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

#### 11.5.5.3.1.1.2. Uplink



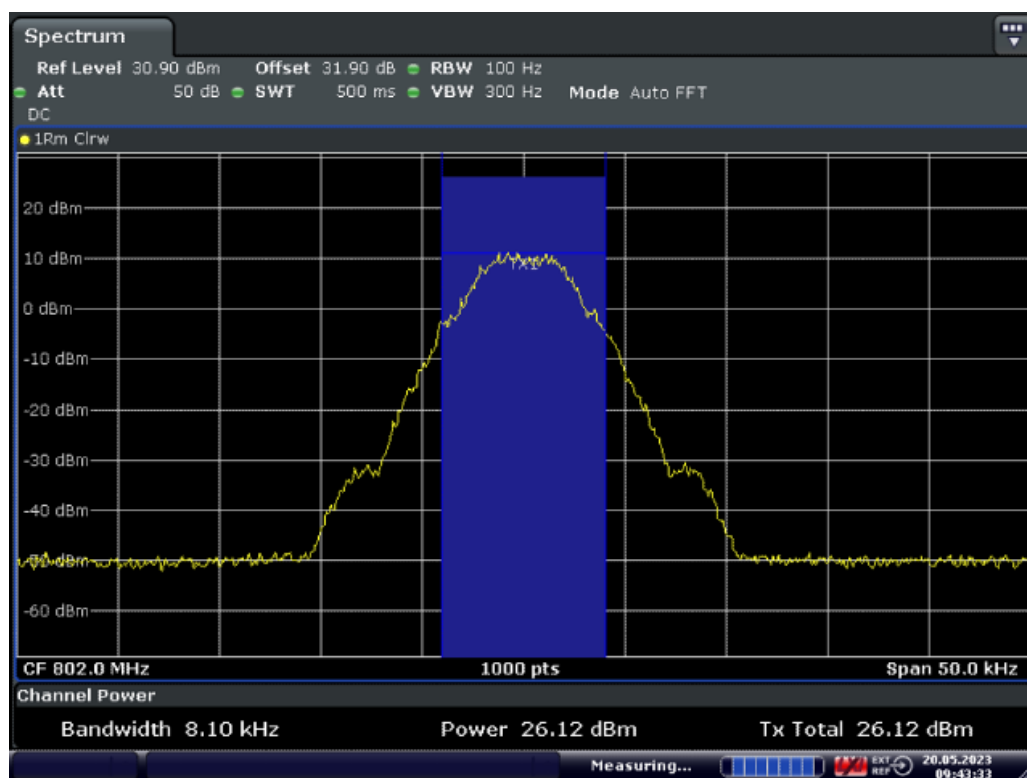
Date: 17.MAY.2023 15:06:08

Middle Frequency: 802.0MHz MHz, Input occupied BW



Date: 20.MAY.2023 09:43:18

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

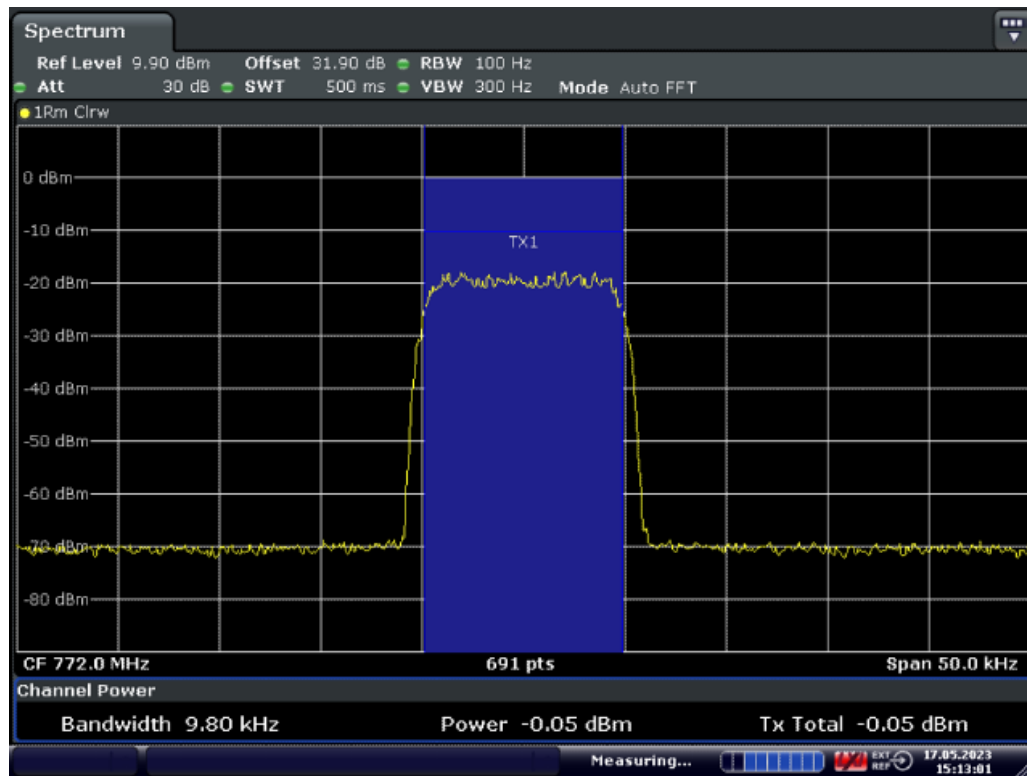


Date: 20.MAY.2023 09:43:33

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

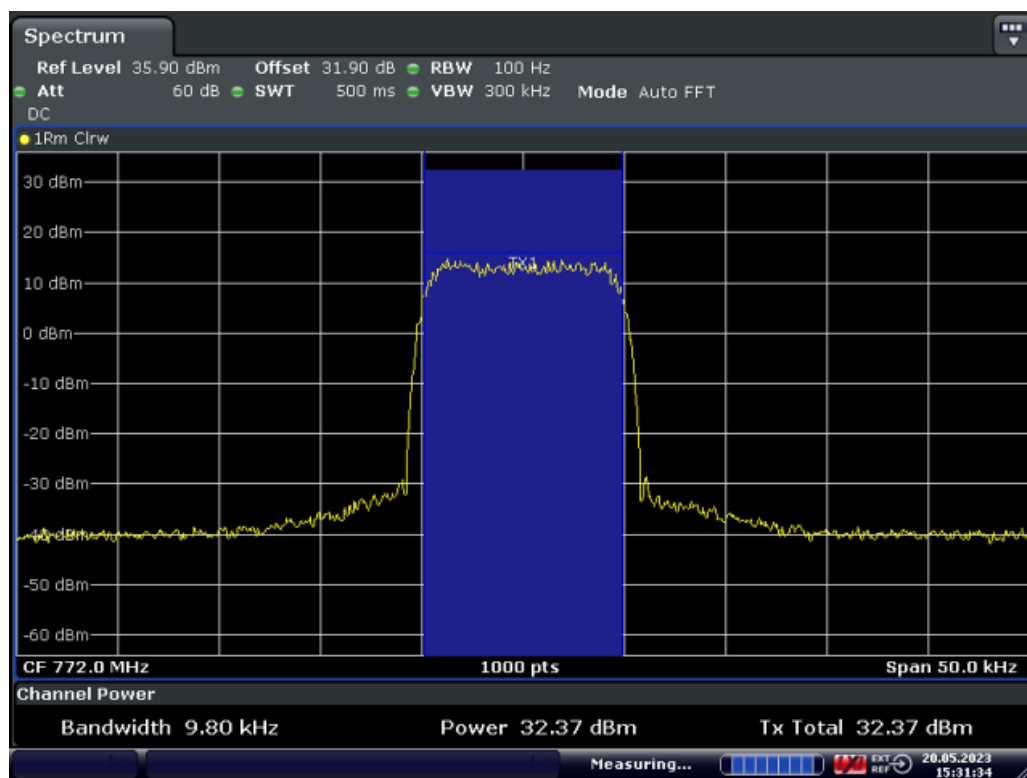
## 11.5.5.3.1.2. P25 Phase II(H-DQPSK)

## 11.5.5.3.1.2.1. Downlink



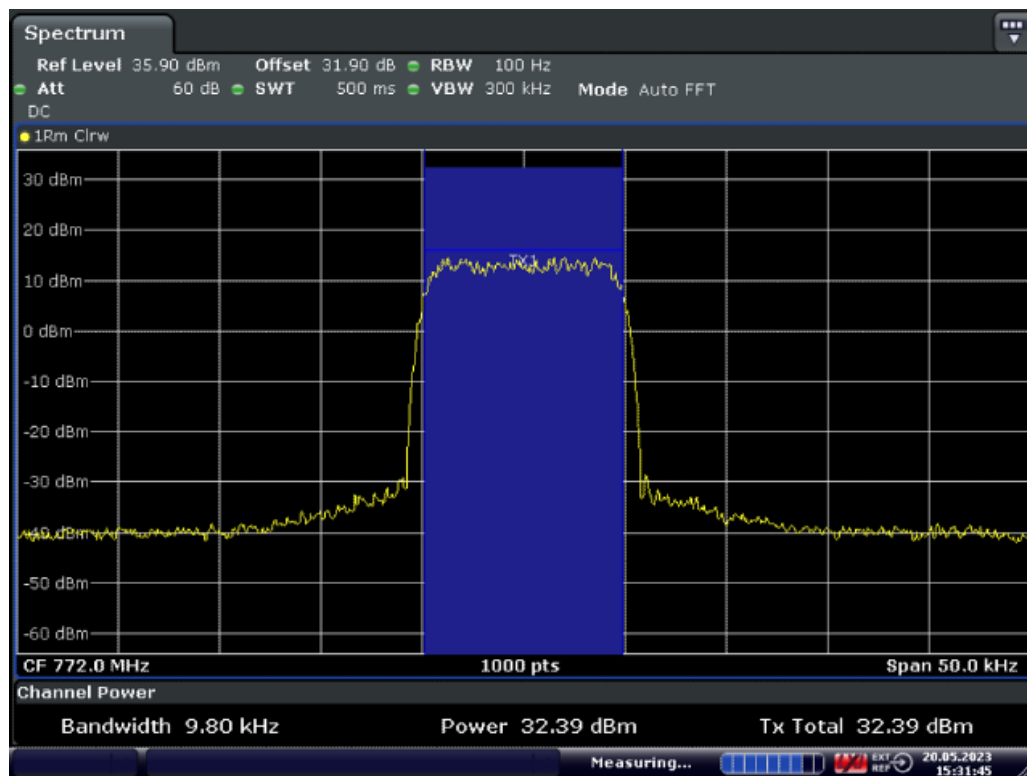
Date: 17.MAY.2023 15:13:01

Middle Frequency: 772.0MHz, Input occupied BW



Date: 20.MAY.2023 15:31:34

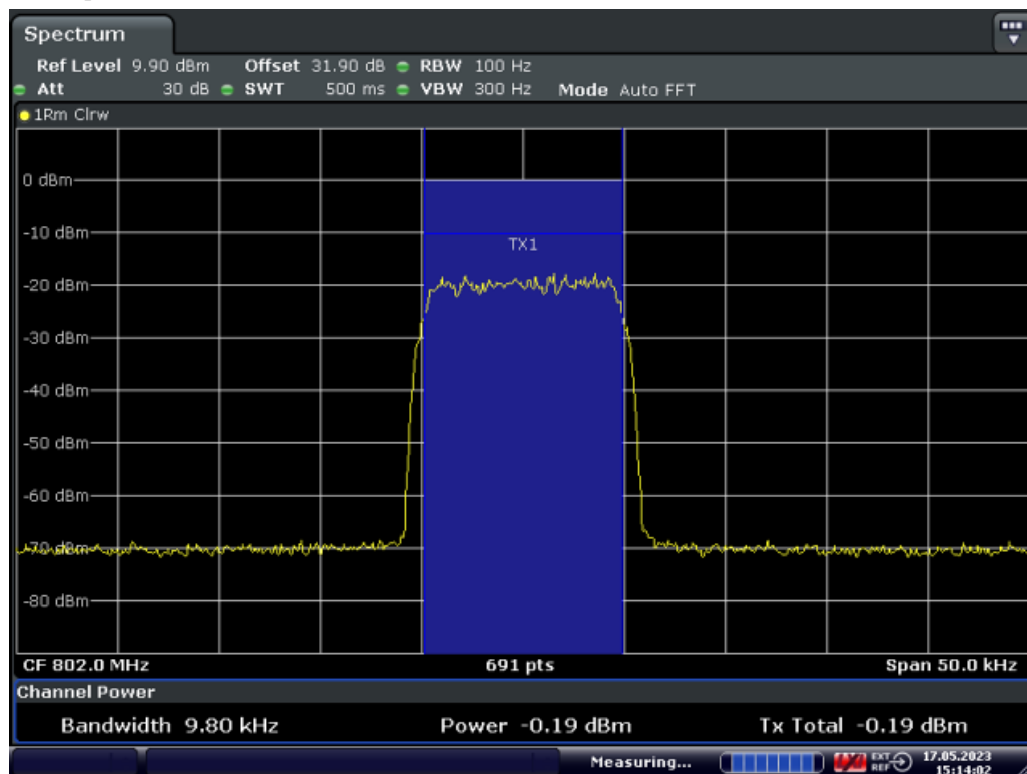
Middle Frequency: 772.0MHz, Output occupied BW(AGC)



Date: 20.MAY.2023 15:31:44

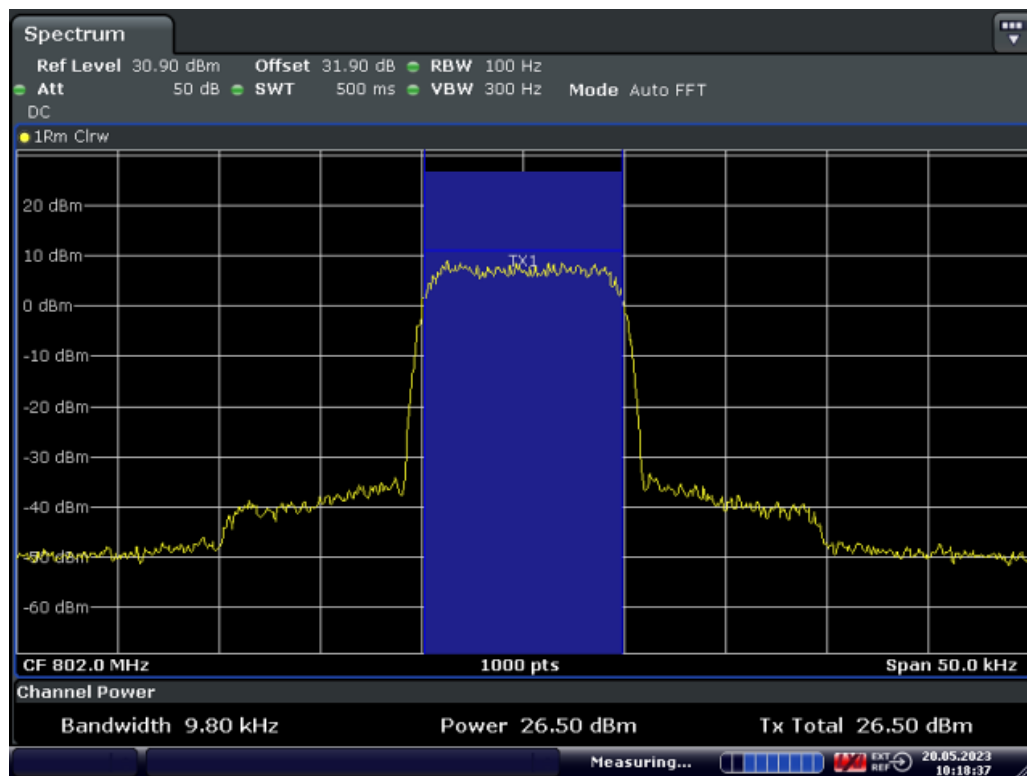
Middle Frequency: 772.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

#### 11.5.5.3.1.2.2. Uplink



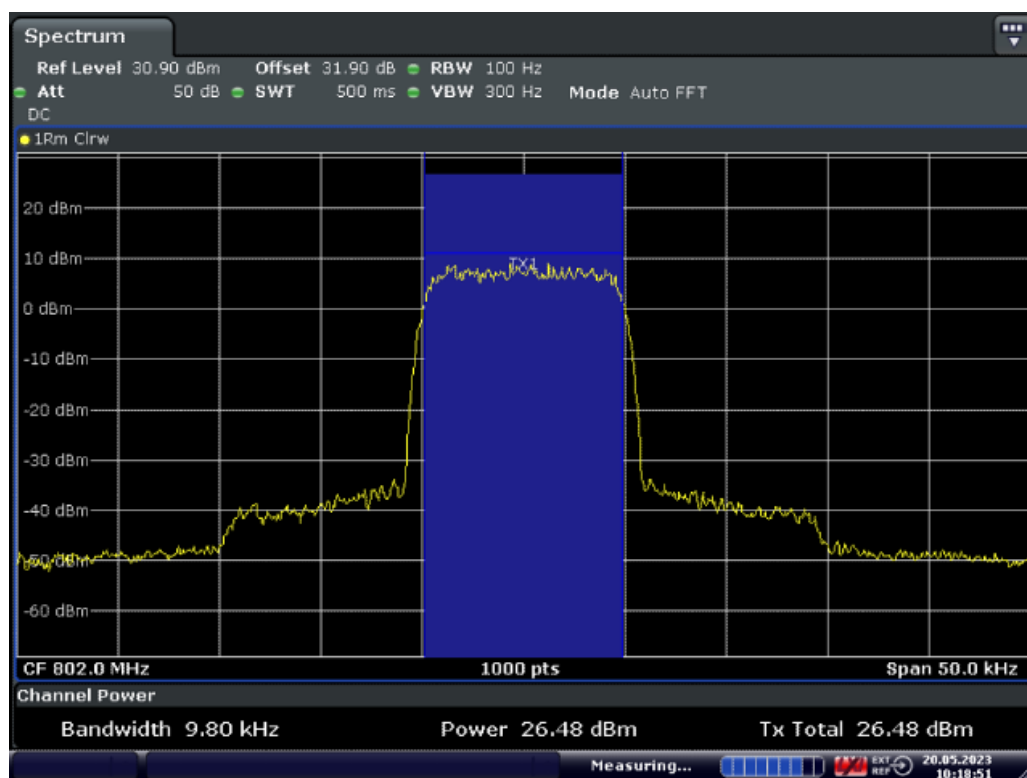
Date: 17.MAY.2023 15:14:02

Middle Frequency: 802.0MHz MHz, Input occupied BW



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

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

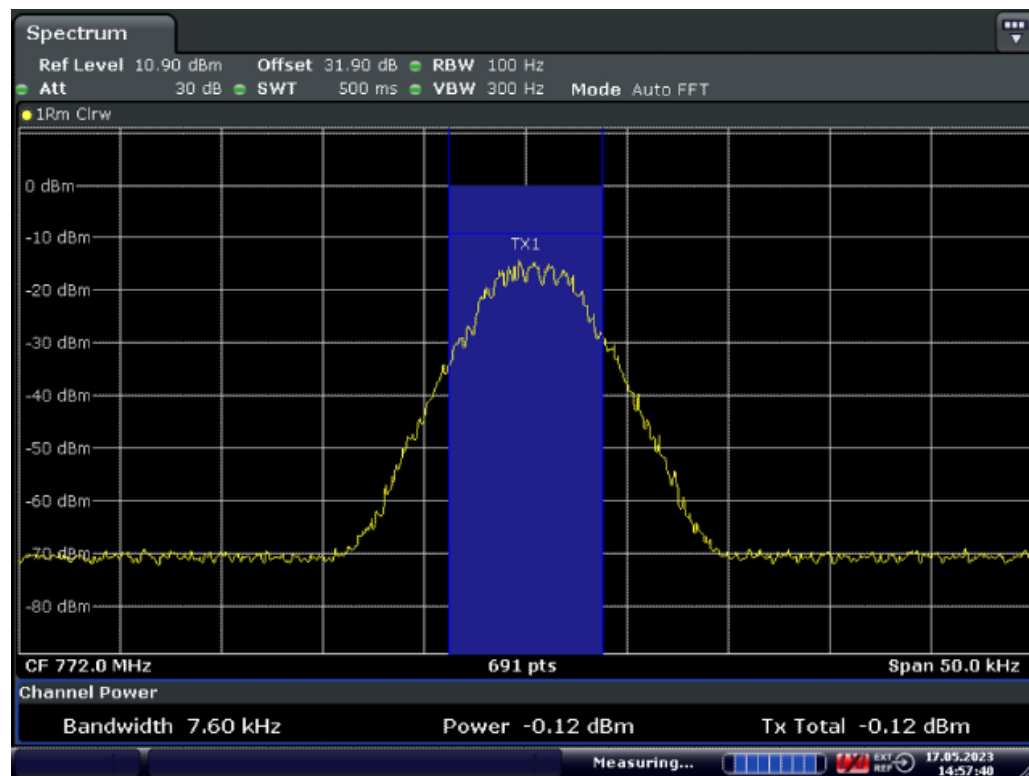


Date: 20.MAY.2023 10:18:51

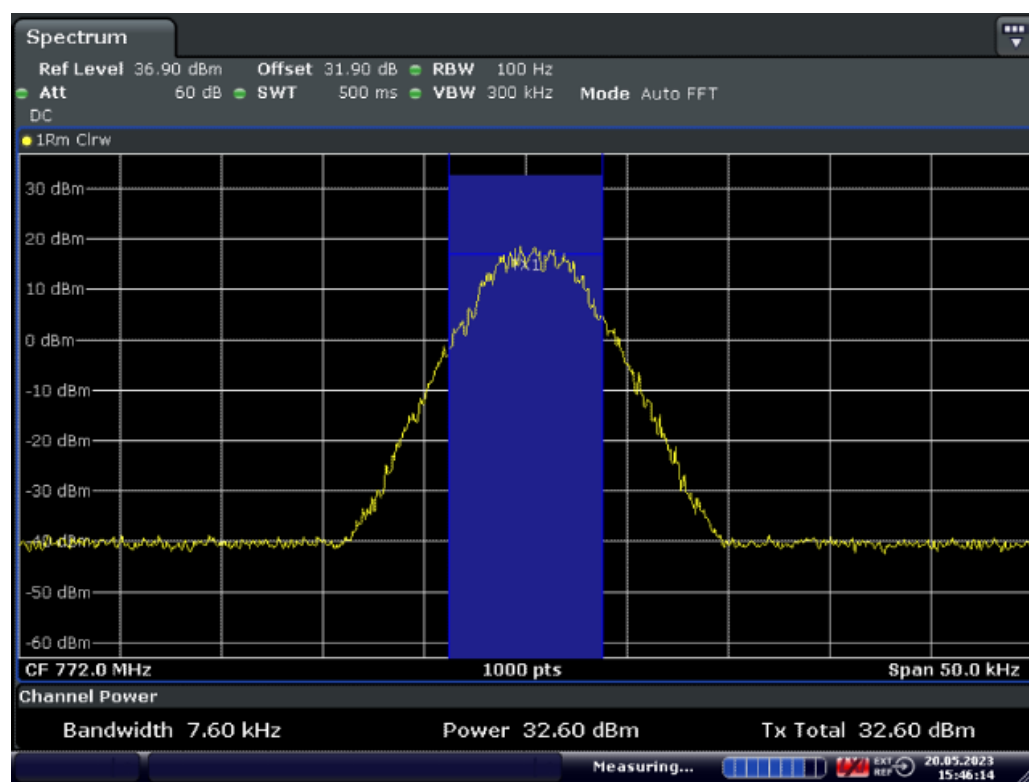
Middle Frequency: 802.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

## 11.5.5.3.1.3. DMR

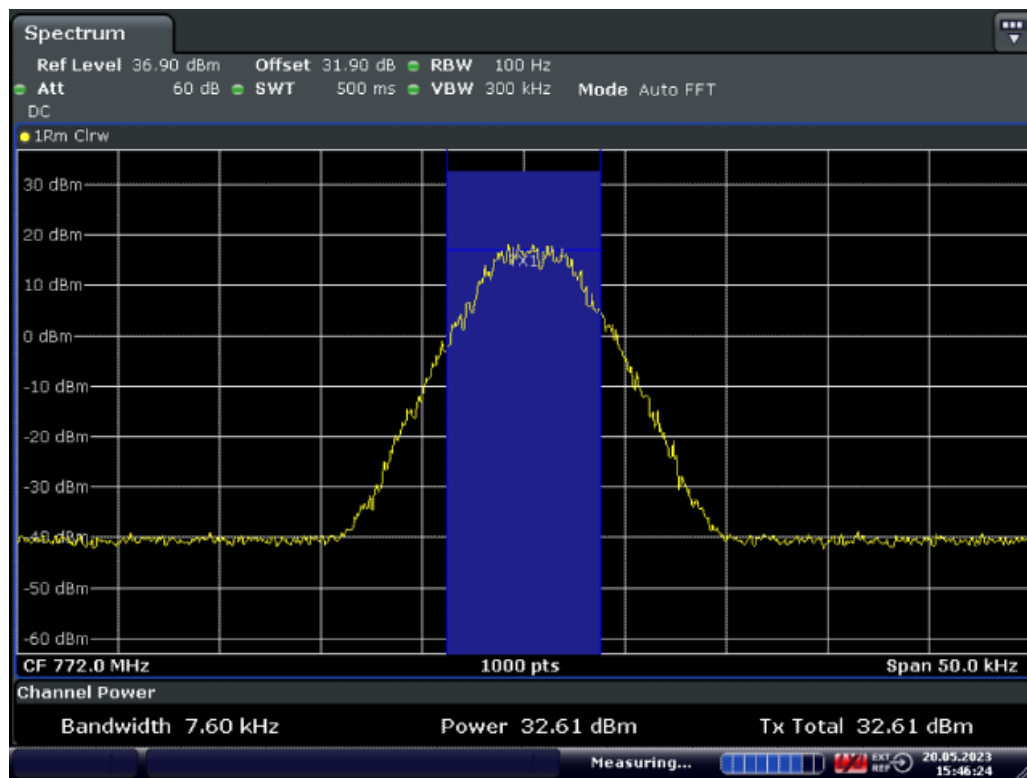
## 11.5.5.3.1.3.1. Downlink



Middle Frequency: 772.0MHz, Input occupied BW



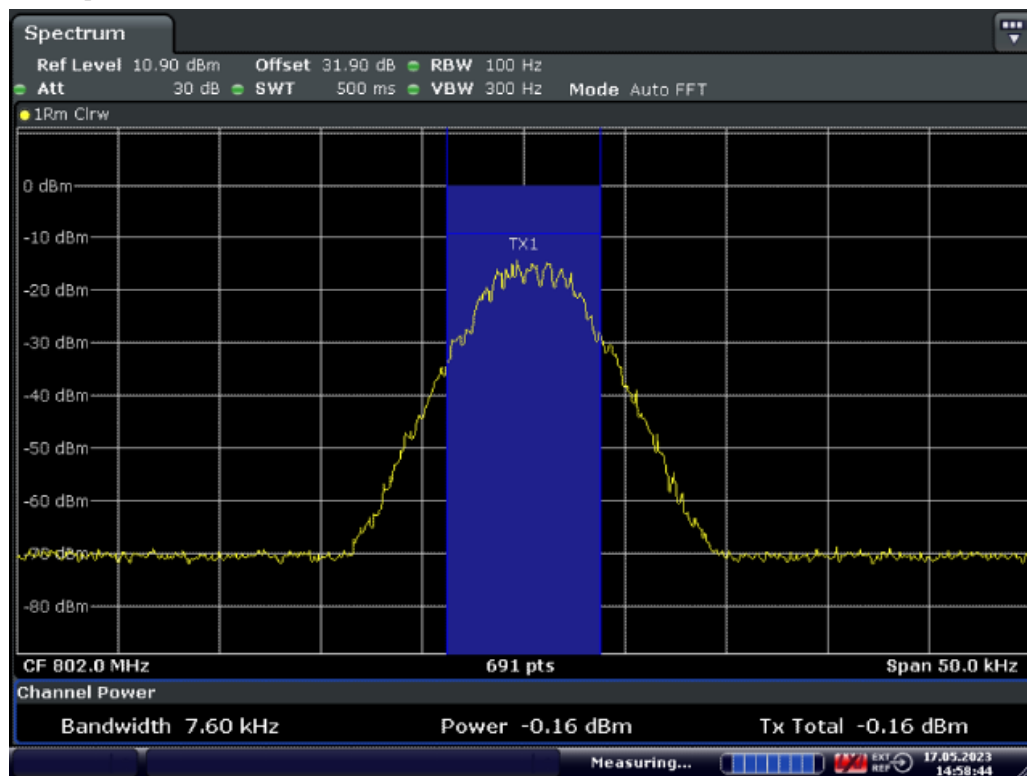
Middle Frequency: 772.0MHz, Output occupied BW(AGC)



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

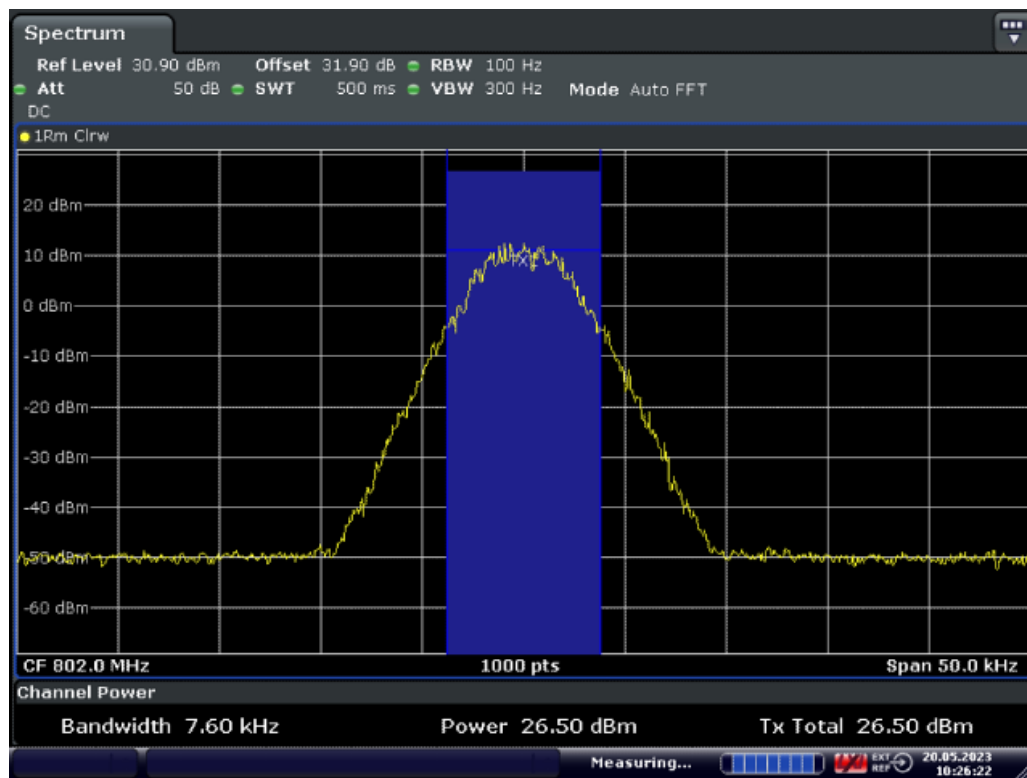
Middle Frequency: 772.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

#### 11.5.5.3.1.3.2. Uplink



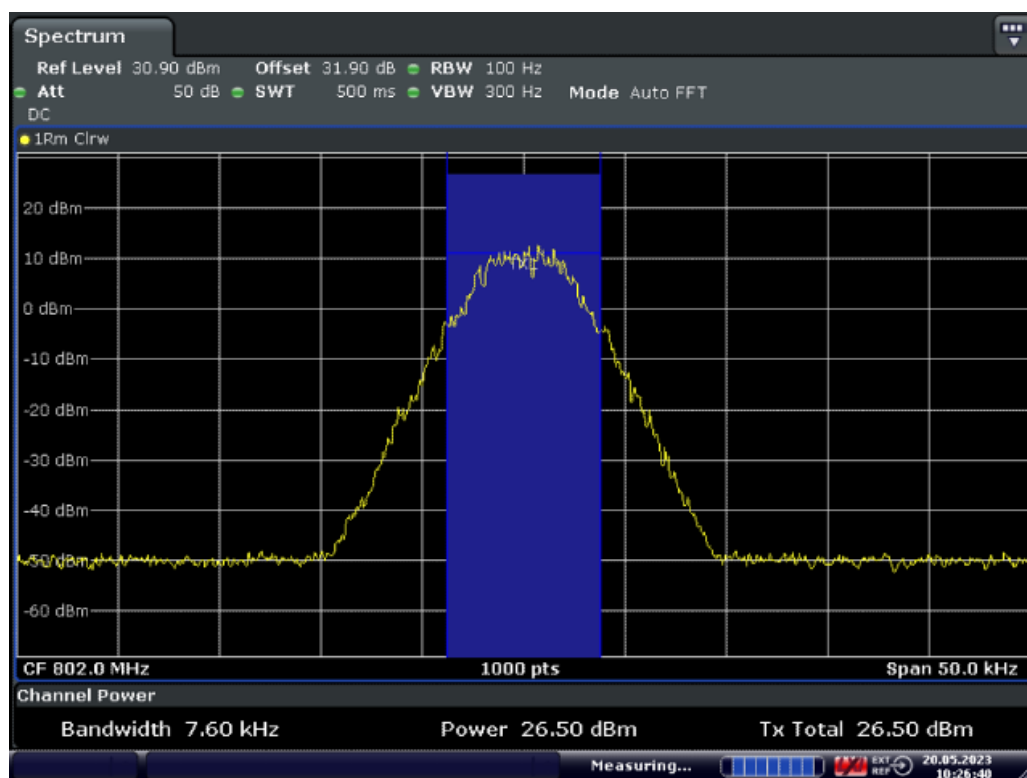
Date: 17.MAY.2023 14:58:45

Middle Frequency: 802.0MHz MHz, Input occupied BW



Date: 20.MAY.2023 10:26:22

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

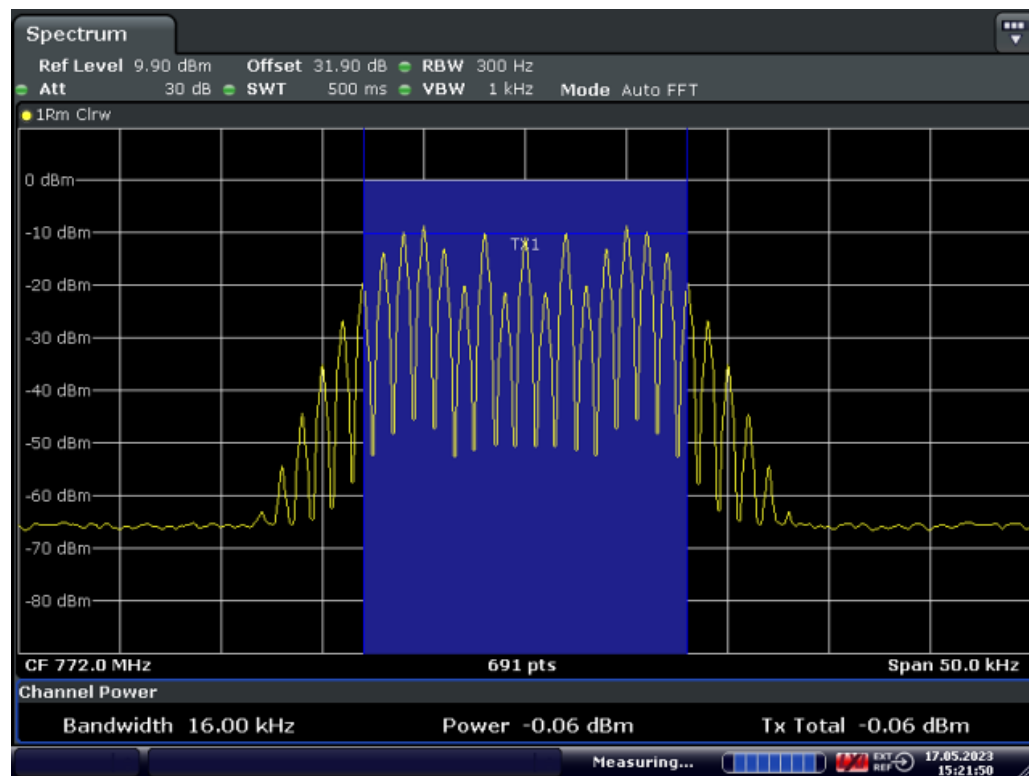


Date: 20.MAY.2023 10:26:40

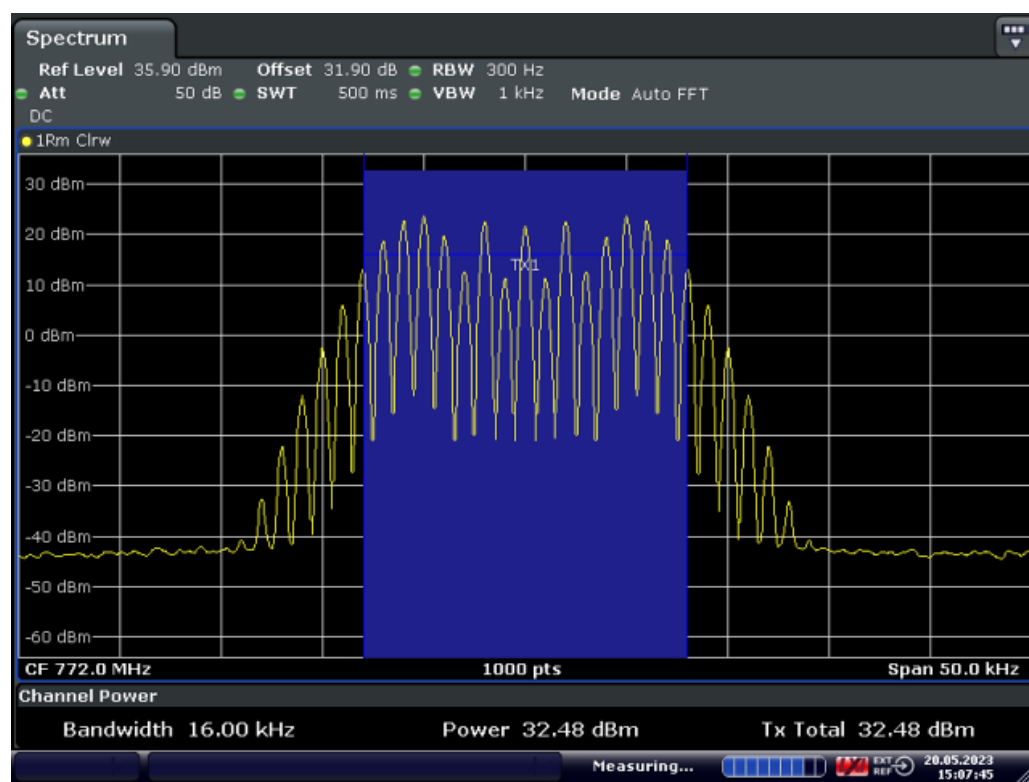
Middle Frequency: 802.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

## 11.5.5.3.1.4. Analog FM

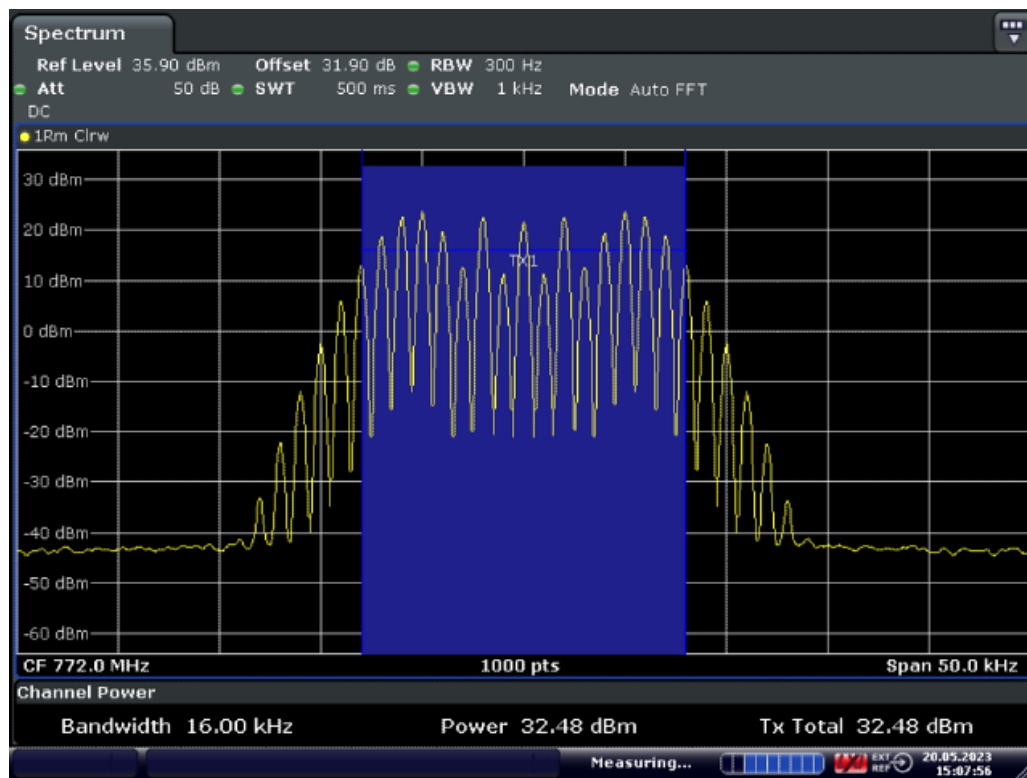
## 11.5.5.3.1.4.1. Downlink



Middle Frequency: 772.0MHz, Input occupied BW



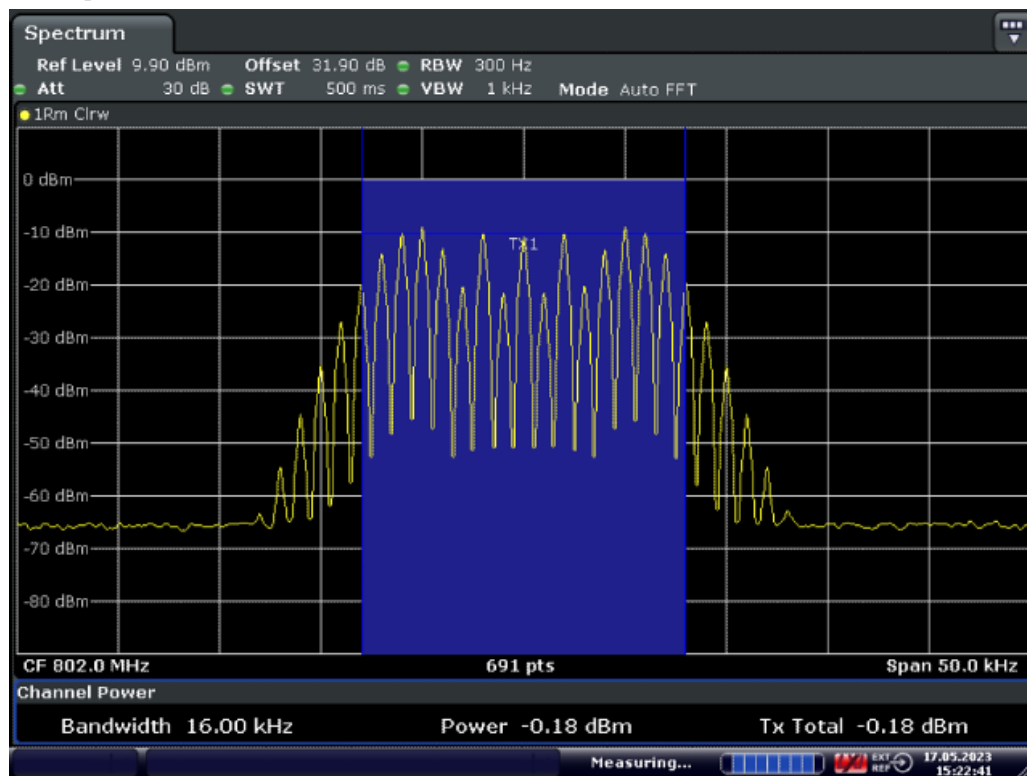
Middle Frequency: 772.0MHz, Output occupied BW(AGC)



Date: 20.MAY.2023 15:07:55

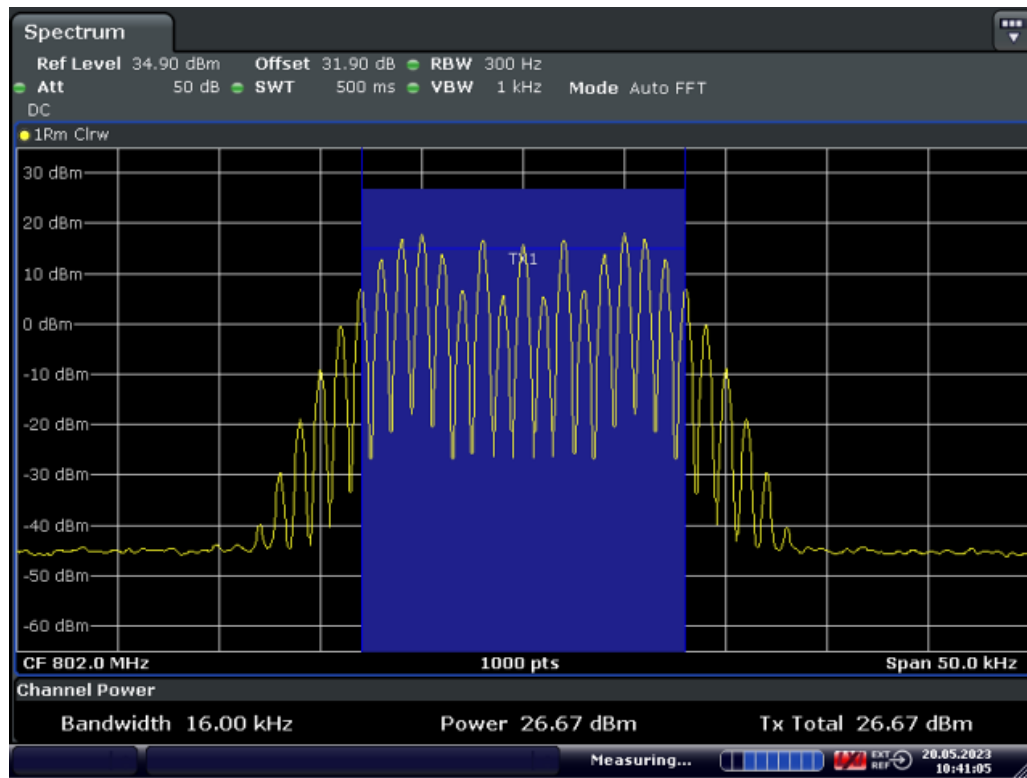
Middle Frequency: 772.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

#### 11.5.5.3.1.4.2. Uplink



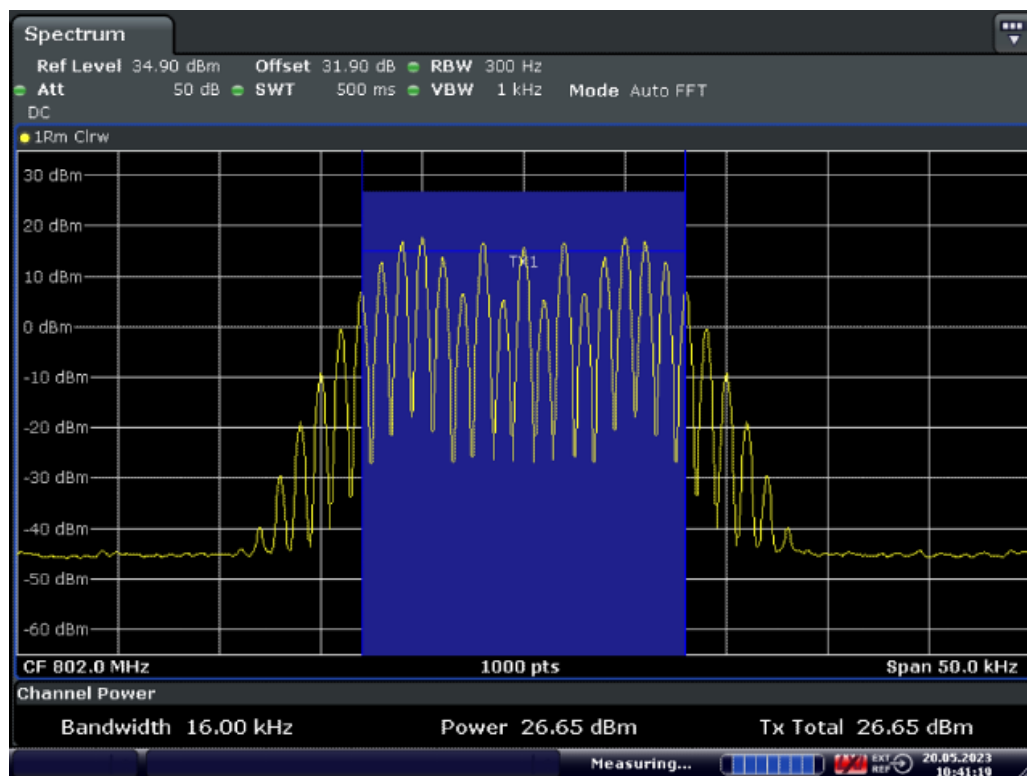
Date: 17.MAY.2023 15:22:41

Middle Frequency: 802.0MHz MHz, Input occupied BW



Date: 20.MAY.2023 10:41:06

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



Date: 20.MAY.2023 10:41:20

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