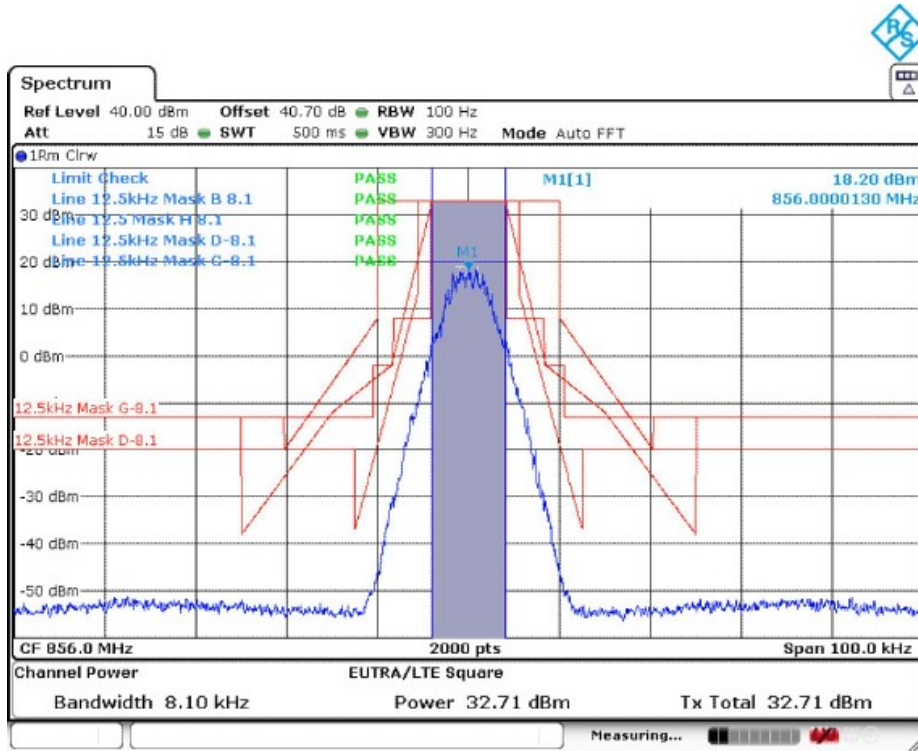


10.5.5.1.2 800MHz Band

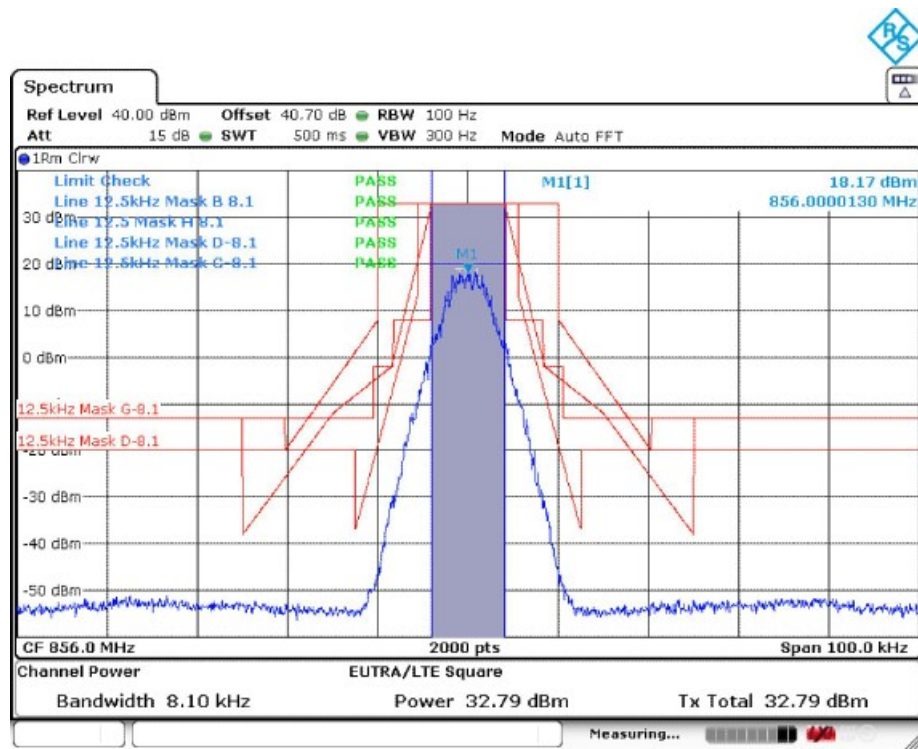
10.5.5.1.2.1 P25 Phase I(C4FM) (Mask B+ D+ G+H)

10.5.5.1.2.1.1 Downlink transmit



Date: 24 DEC 2022 12:44:36

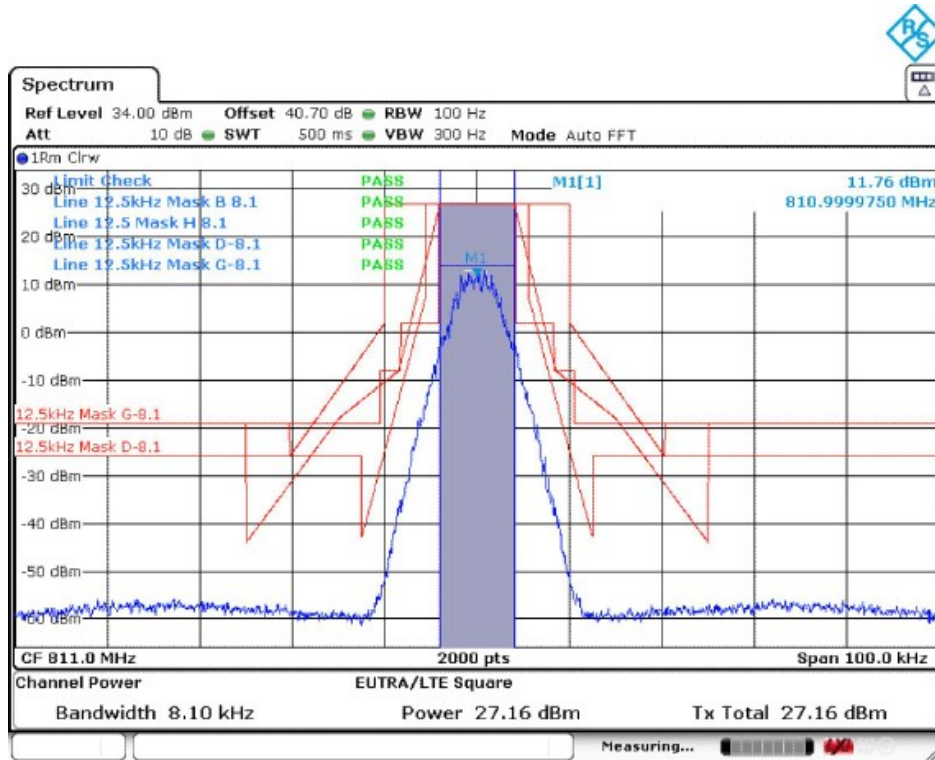
With the input signal amplitude set the AGC threshold
Middle Frequency: 856.0MHz



Date: 24 DEC 2022 12:44:42

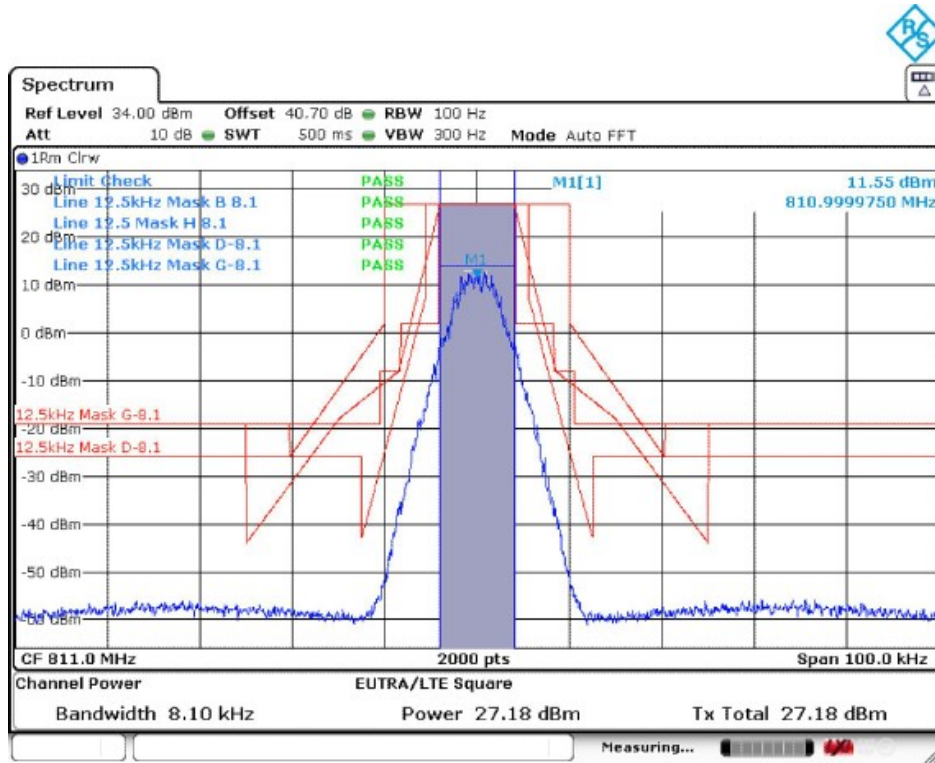
With the input signal amplitude set 3 dB above the AGC threshold
Middle Frequency: 856.0MHz

10.5.5.1.2.1.2 Uplink transmit



Date: 24.DEC.2022 12:46:23

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

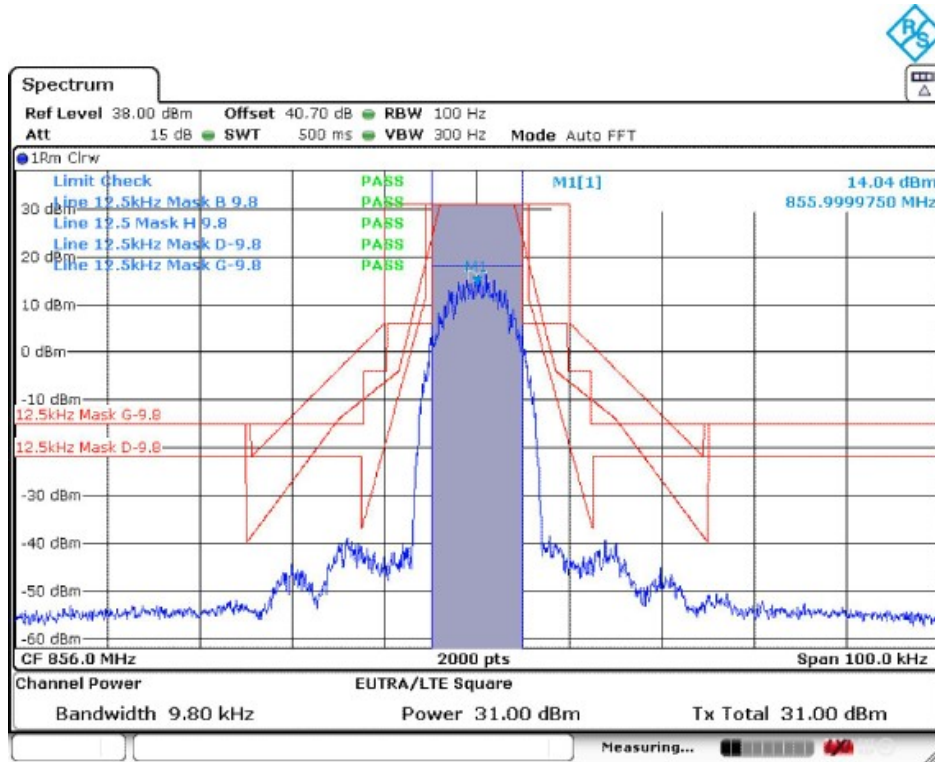


Date: 24.DEC.2022 12:46:29

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

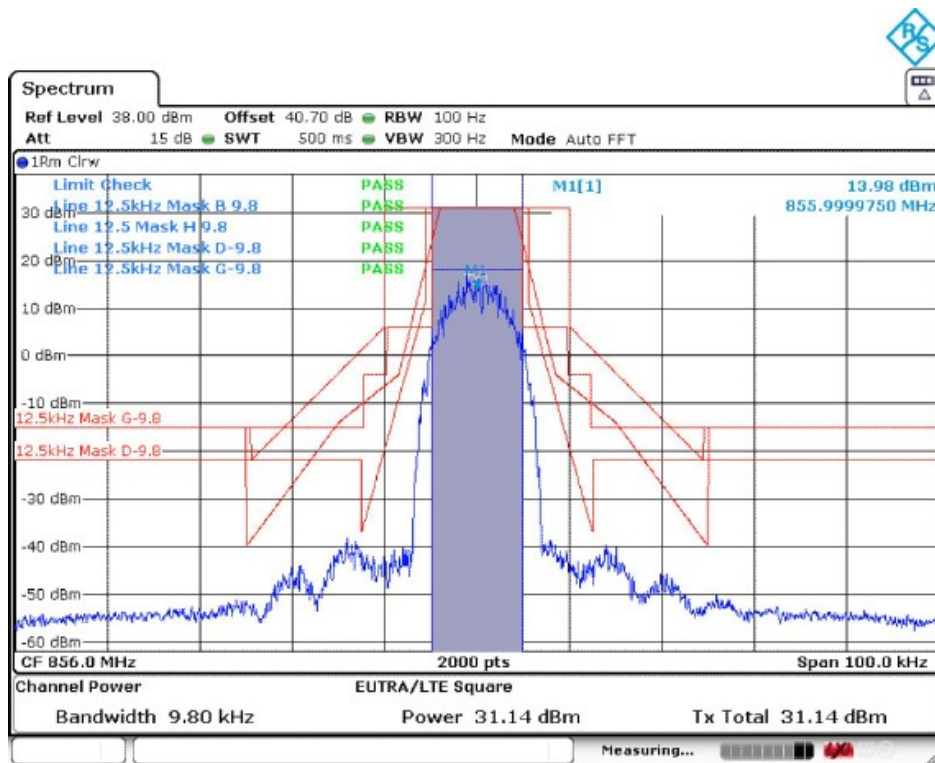
10.5.5.1.2.2 P25 Phase II (H-DQPSK) (Mask B+ D+ G+H)

10.5.5.1.2.2.1 Downlink transmit



Date: 24.DEC.2022 12:57:01

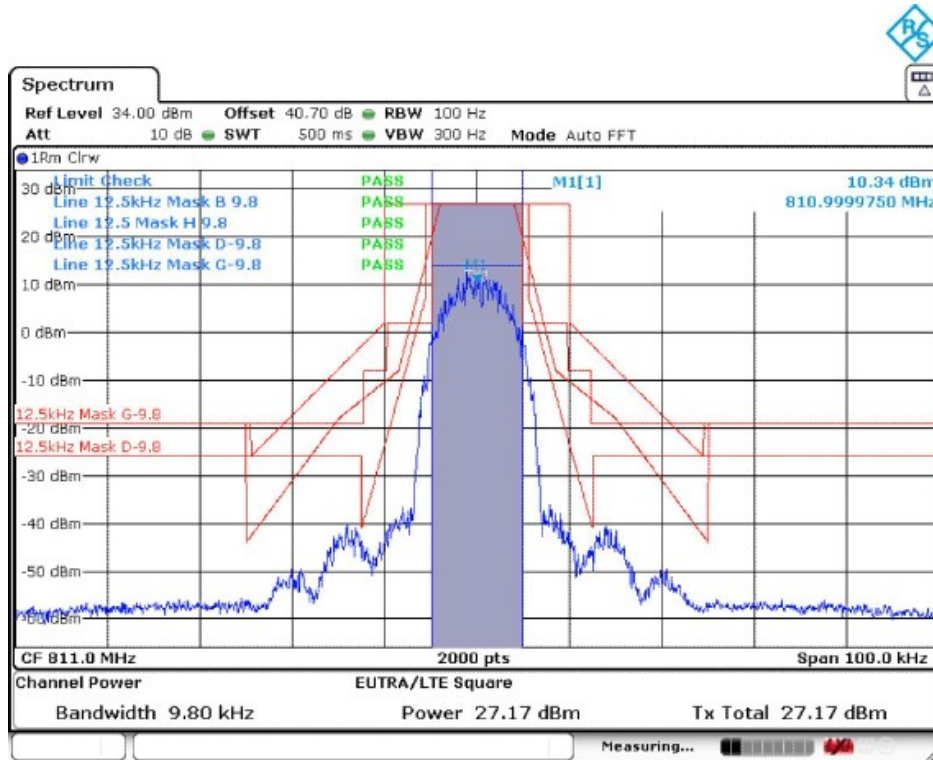
With the input signal amplitude set the AGC threshold
 Middle Frequency: 856.0MHz



Date: 24.DEC.2022 12:57:07

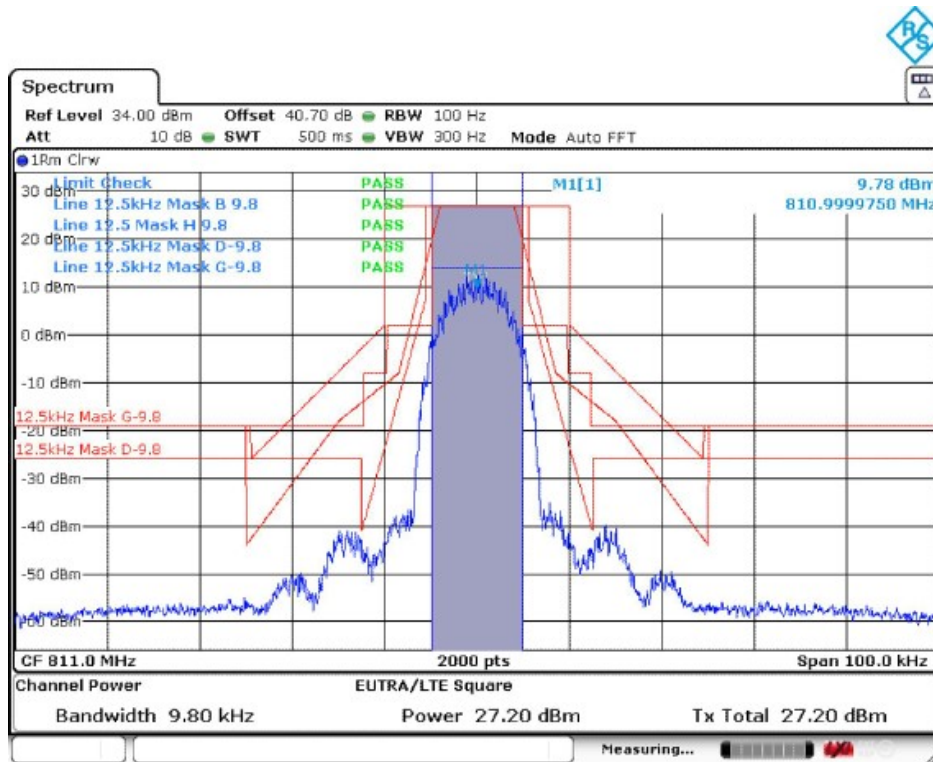
With the input signal amplitude set 3 dB above the AGC threshold
 Middle Frequency: 856.0MHz

10.5.5.1.2.2.2 Uplink transmit



Date: 24.DEC.2022 12:55:15

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

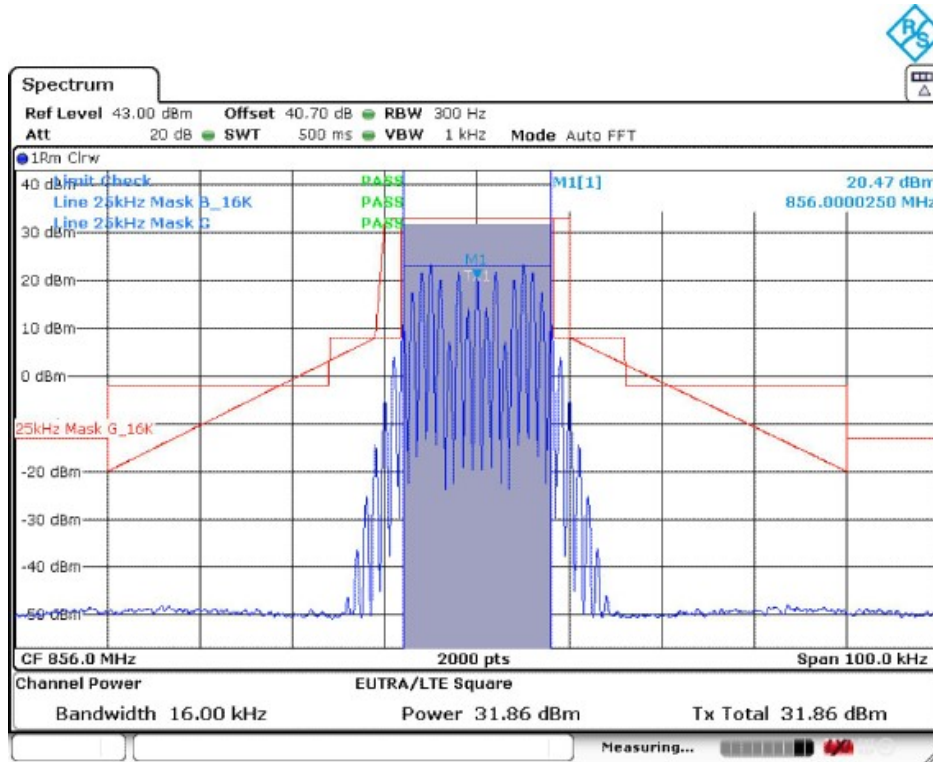


Date: 24.DEC.2022 12:54:53

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

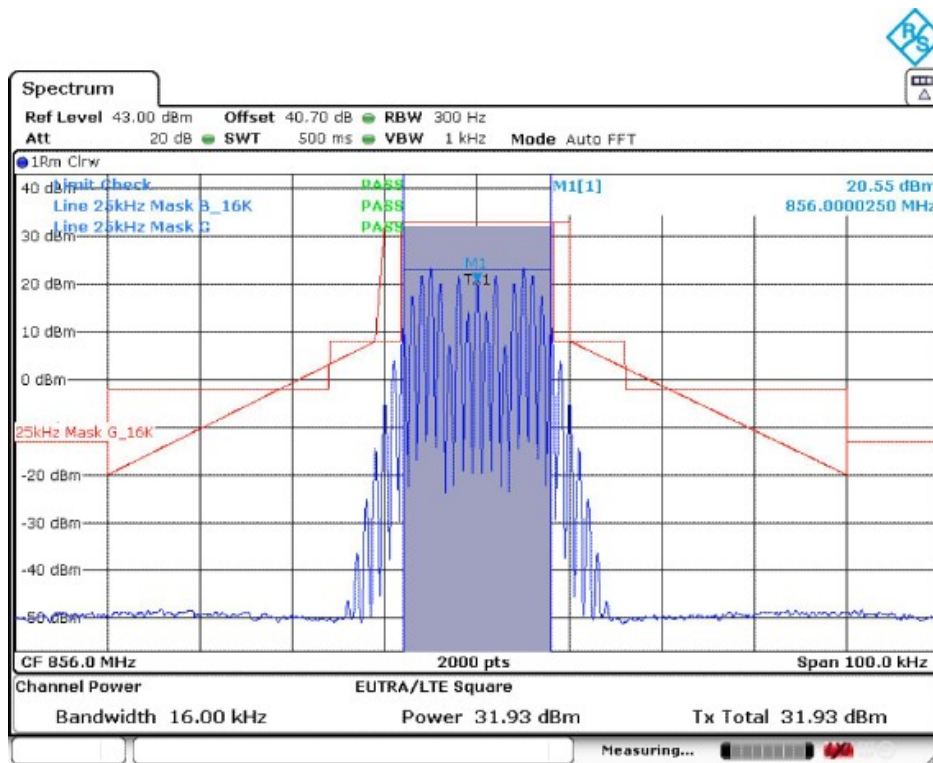
10.5.5.1.2.3 Analog FM (Mask B+ Mask G)

10.5.5.1.2.3.1 Downlink transmit



Date: 24.DEC.2022 10:24:59

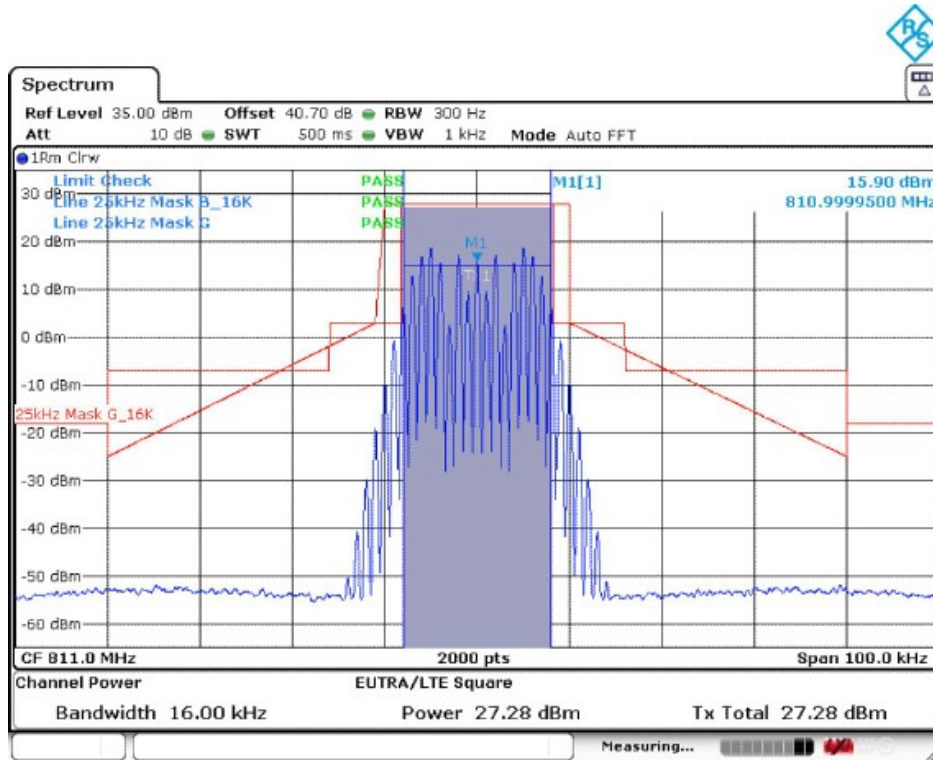
With the input signal amplitude set the AGC threshold
Middle Frequency: 856.0MHz



Date: 24.DEC.2022 10:25:05

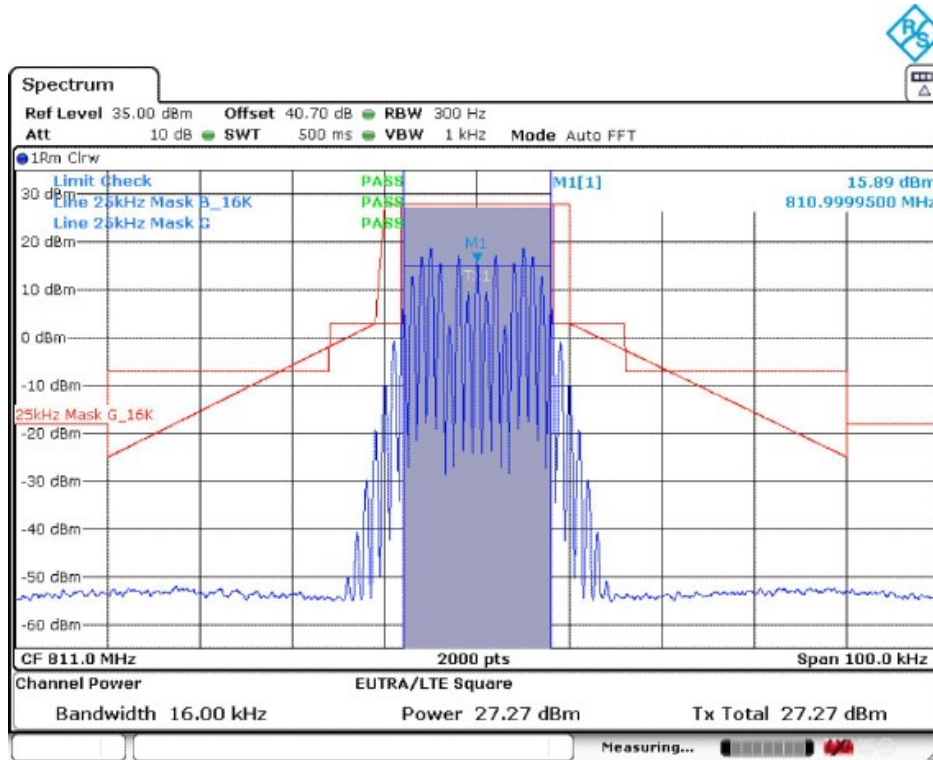
With the input signal amplitude set 3 dB above the AGC threshold
Middle Frequency: 856.0MHz

10.5.5.1.2.3.2 Uplink transmit



Date: 24.DEC.2022 10:34:02

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

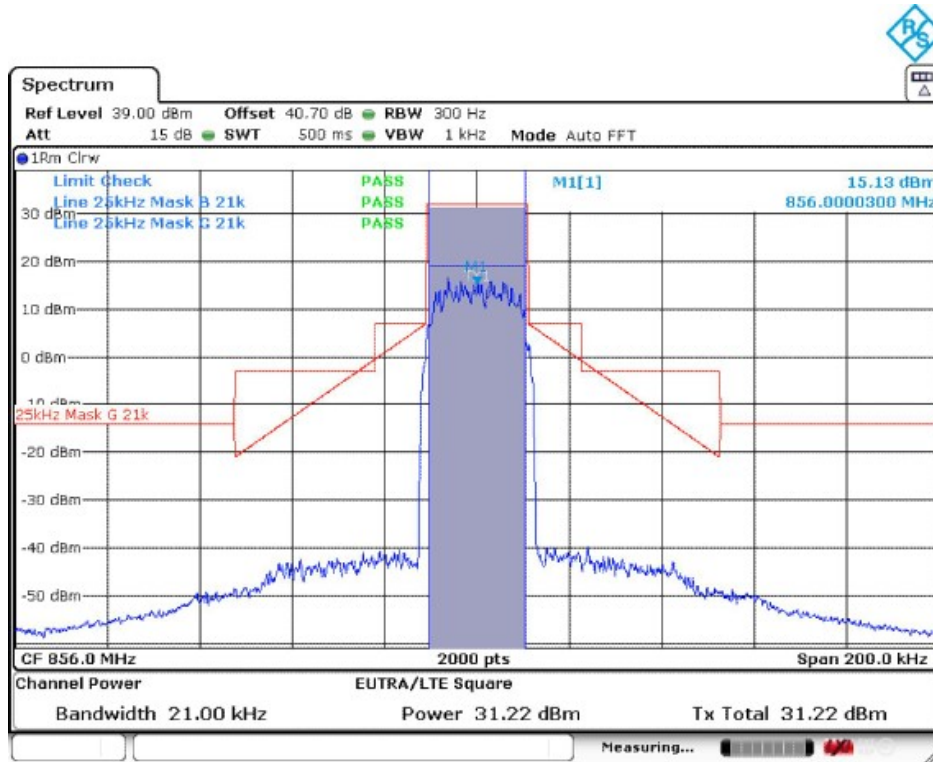


Date: 24.DEC.2022 10:33:49

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

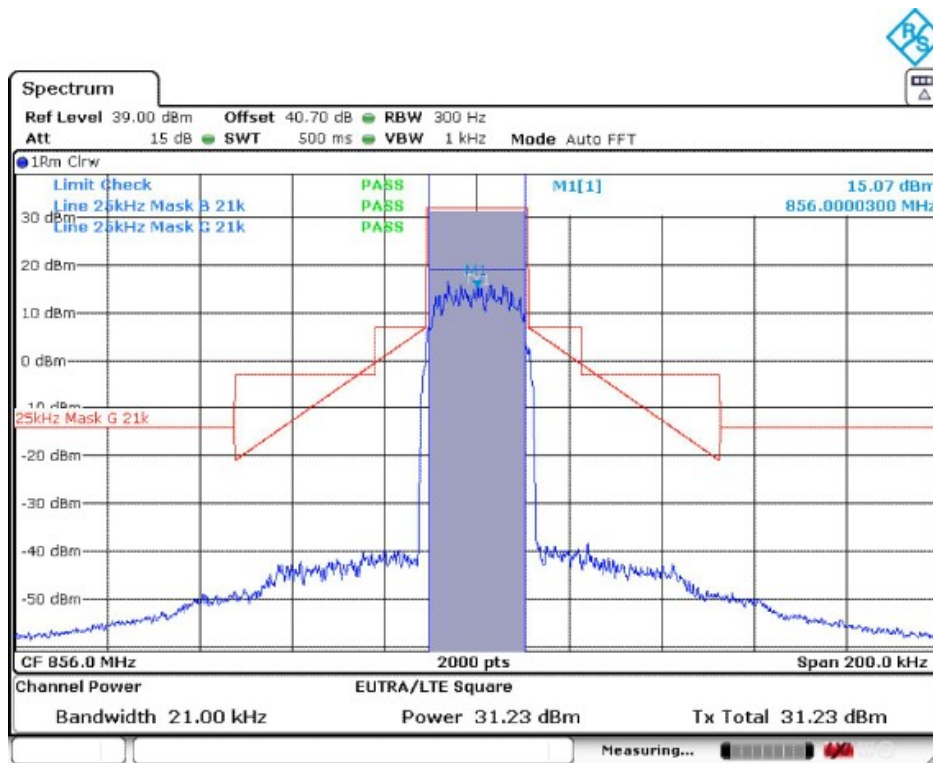
10.5.5.1.2.4 Tetra (Mask B+ Mask G)

10.5.5.1.2.4.1 Downlink transmit



Date: 24.DEC.2022 10:30:04

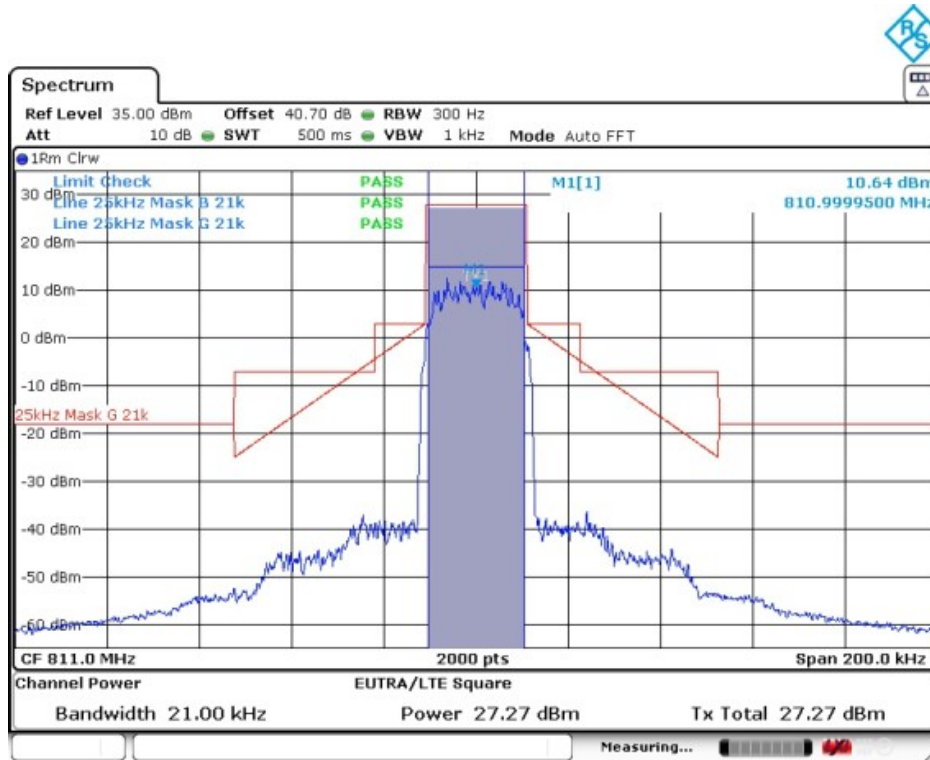
With the input signal amplitude set the AGC threshold
Middle Frequency: 856.0MHz



Date: 24.DEC.2022 10:29:56

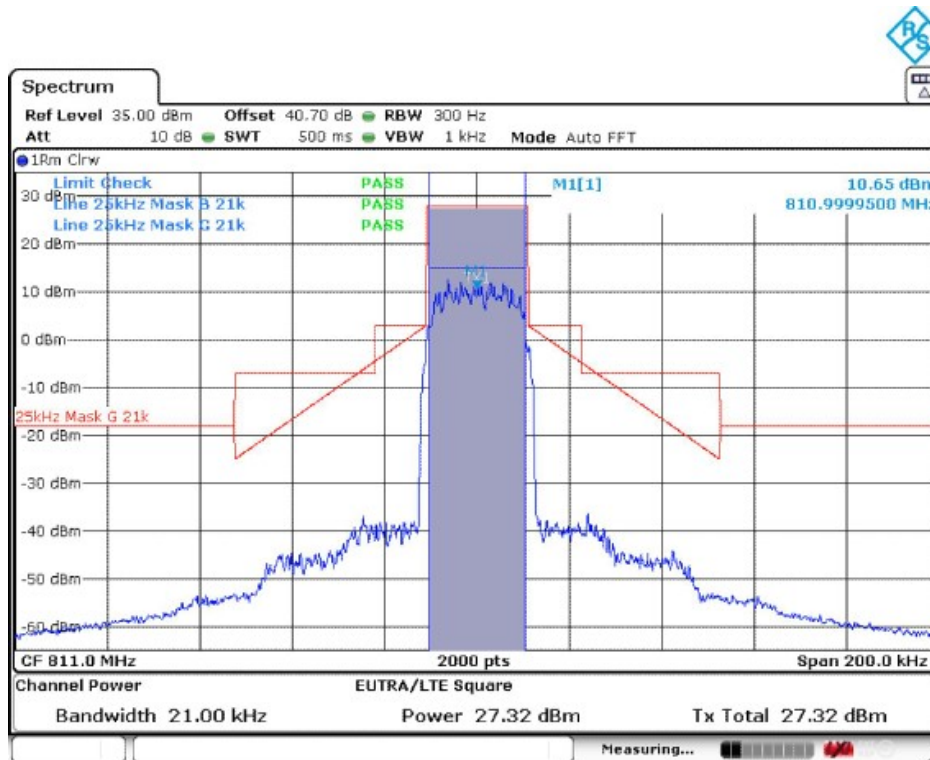
With the input signal amplitude set 3 dB above the AGC threshold
Middle Frequency: 856.0MHz

10.5.5.1.2.4.2 Uplink transmit



Date: 24.DEC.2022 10:31:56

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



Date: 24.DEC.2022 10:32:13

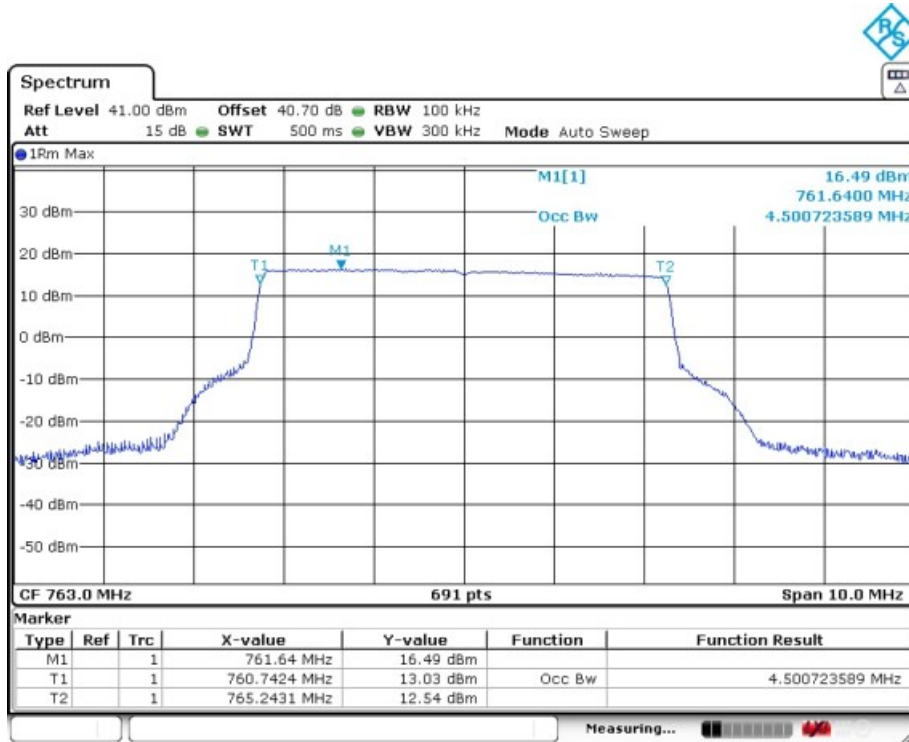
With the input signal amplitude set 3 dB above the AGC threshold
Middle Frequency: 811.0MHz

10.5.5.2 Occupied bandwidth

10.5.5.2.1 700MHz Band

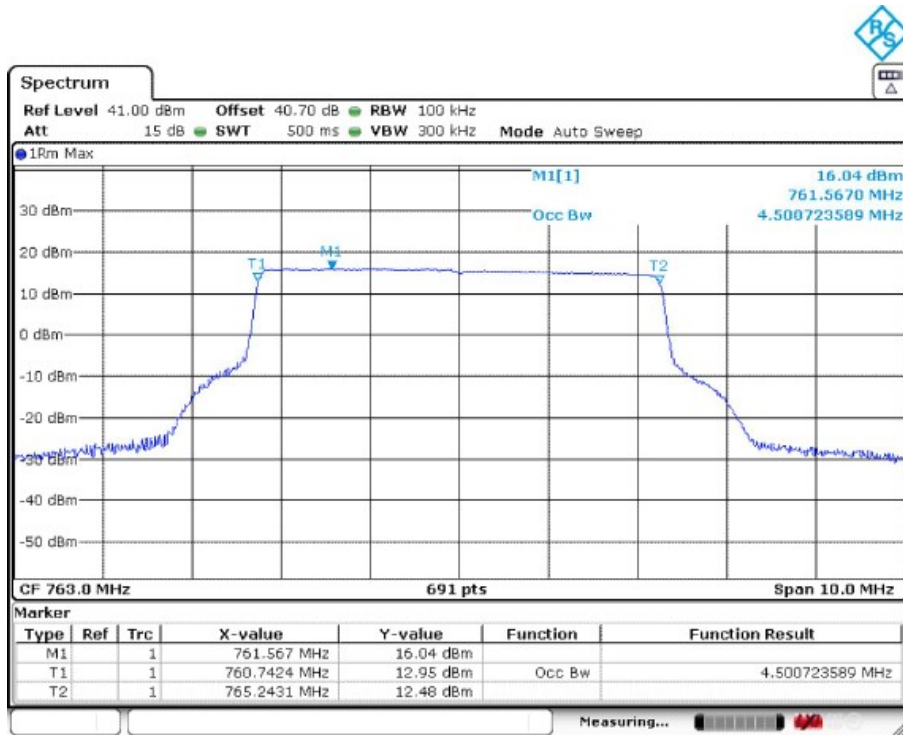
10.5.5.2.1.1 LTE 5MHz

10.5.5.2.1.1.1 Downlink



Date: 22.DEC.2022 15:04:51

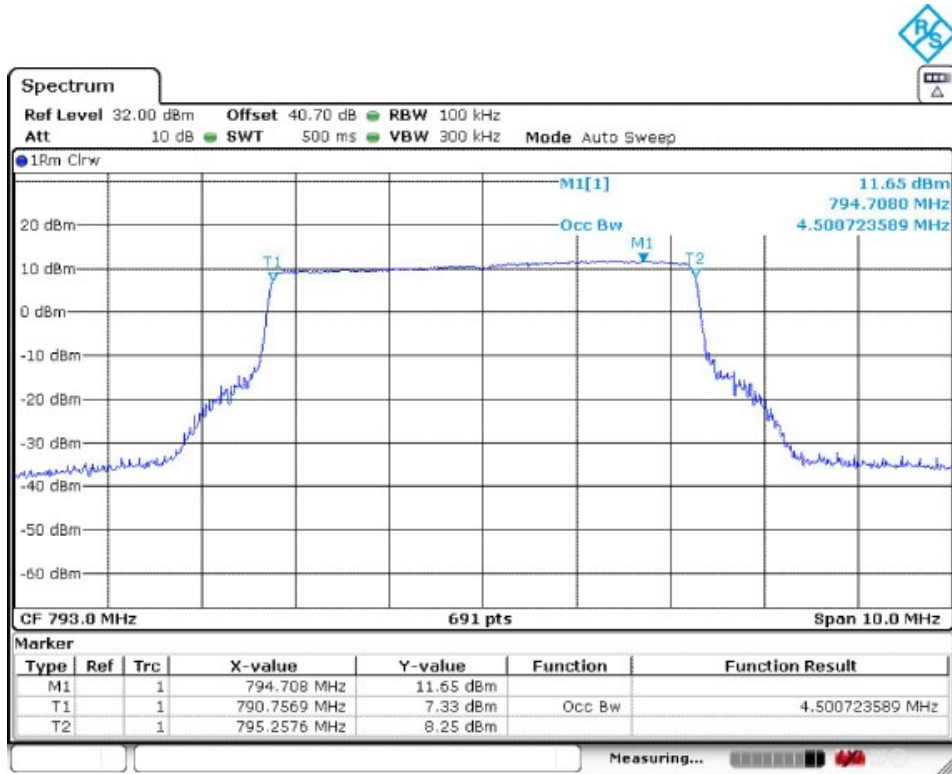
Middle Frequency: 763.0MHz, Output occupied BW(AGC)



Date: 22.DEC.2022 15:05:12

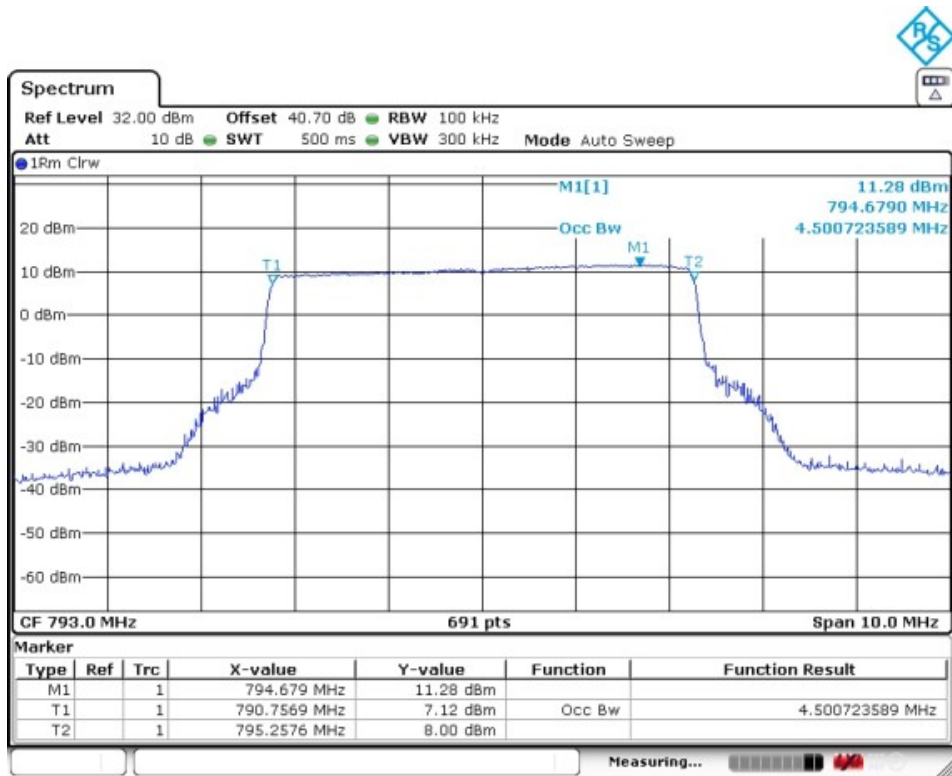
Middle Frequency: 763.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

10.5.5.2.1.1.2 Uplink



Date: 22.DEC.2022 14:49:25

Middle Frequency: 793.0MHz, Output occupied BW(AGC)

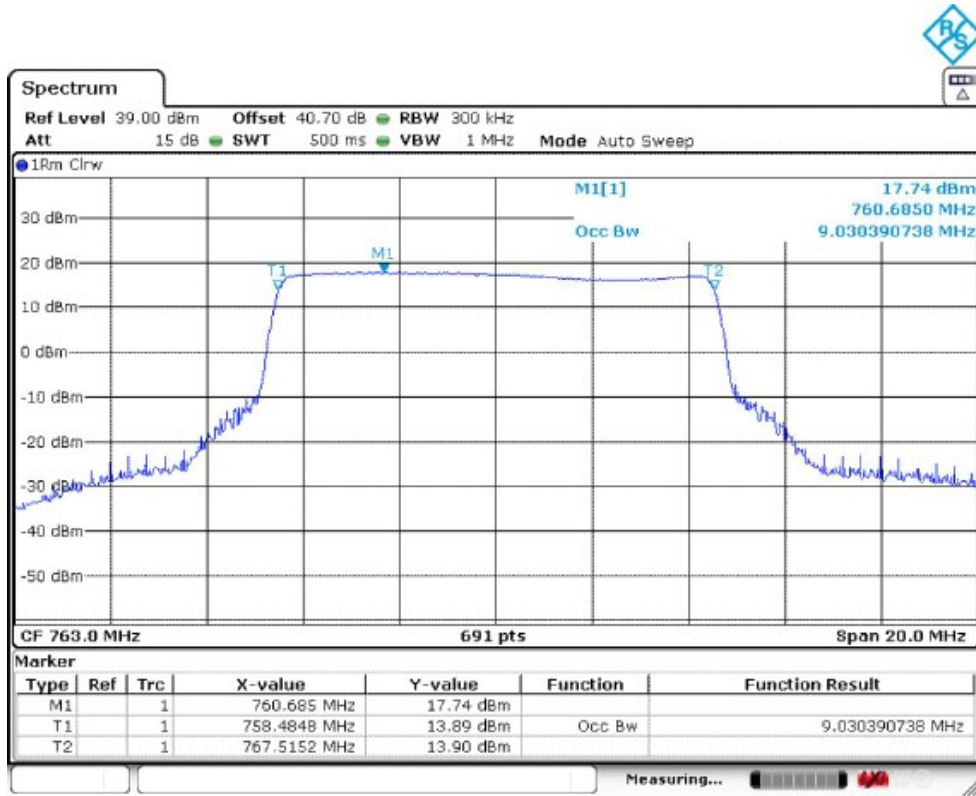


Date: 22.DEC.2022 14:49:46

Middle Frequency: 793.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

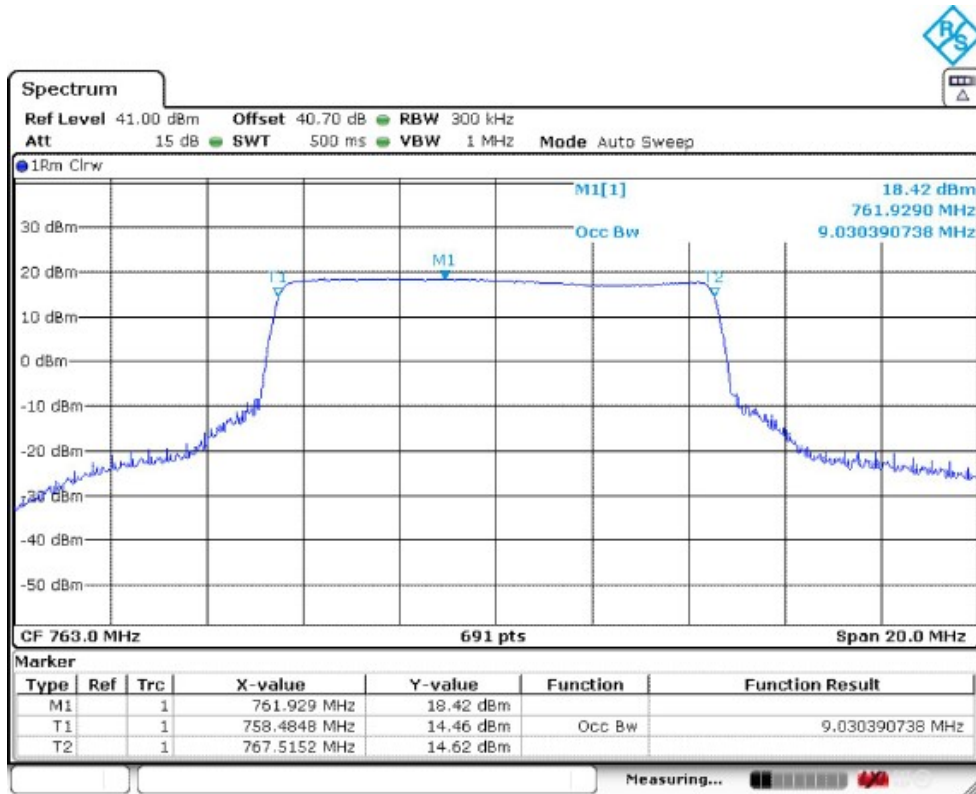
10.5.5.2.1.2 LTE 10MHz

10.5.5.2.1.2.1 Downlink



Date: 22.DEC.2022 14:56:19

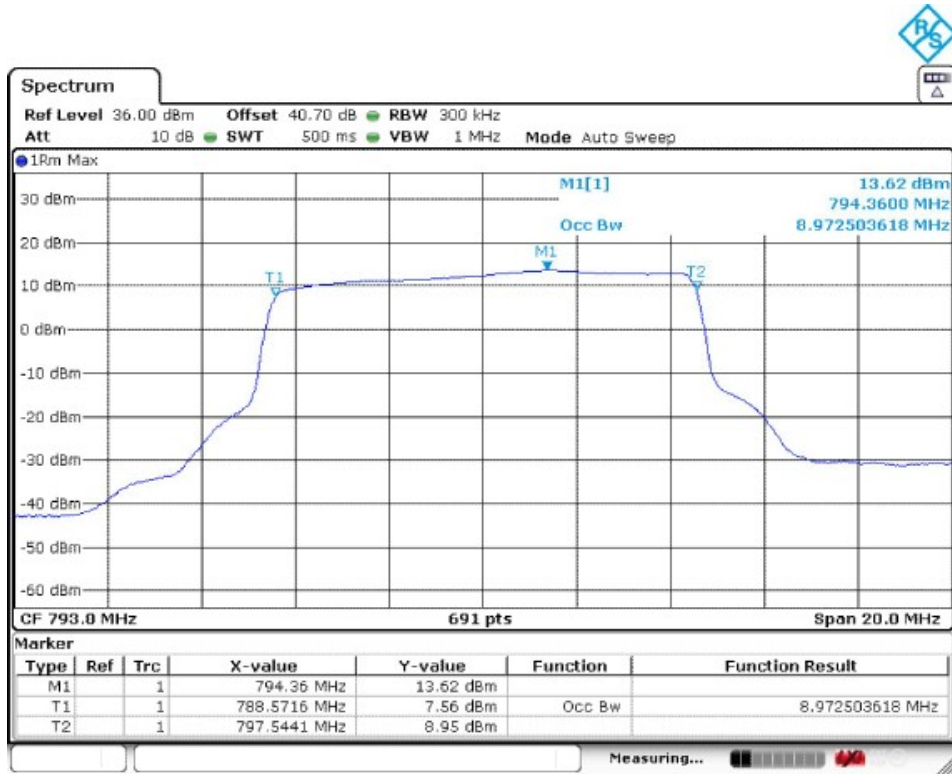
Middle Frequency: 763.0MHz, Output occupied BW(AGC)



Date: 22.DEC.2022 14:56:47

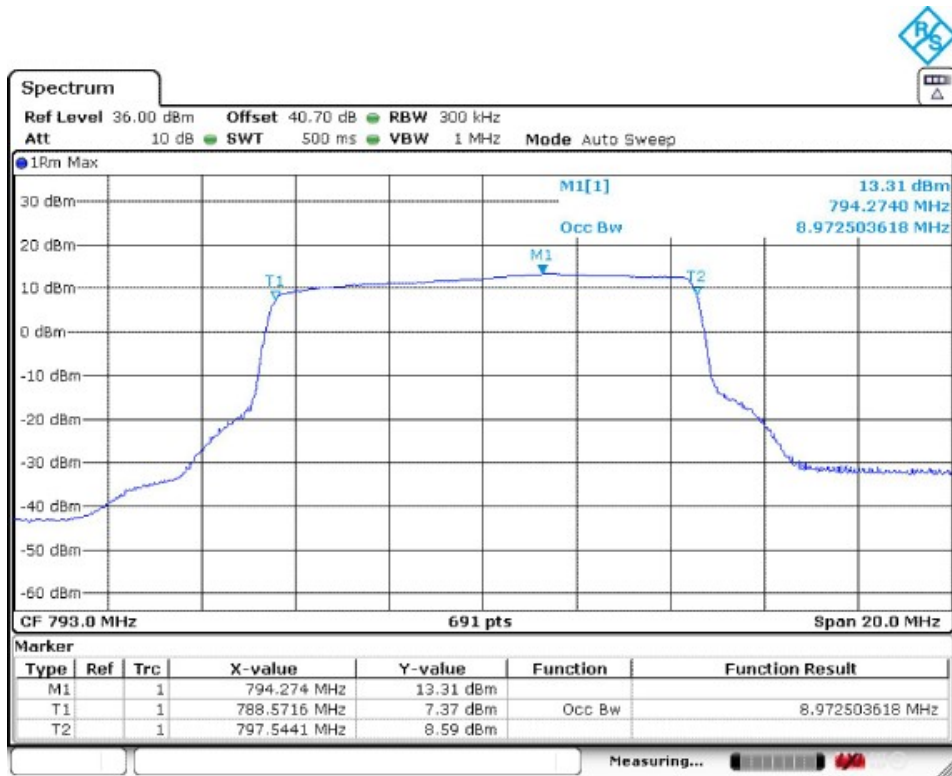
Middle Frequency: 763.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

10.5.5.2.1.2.2 Uplink



Date: 22.DEC.2022 14:51:30

Middle Frequency: 793.0MHz, Output occupied BW(AGC)

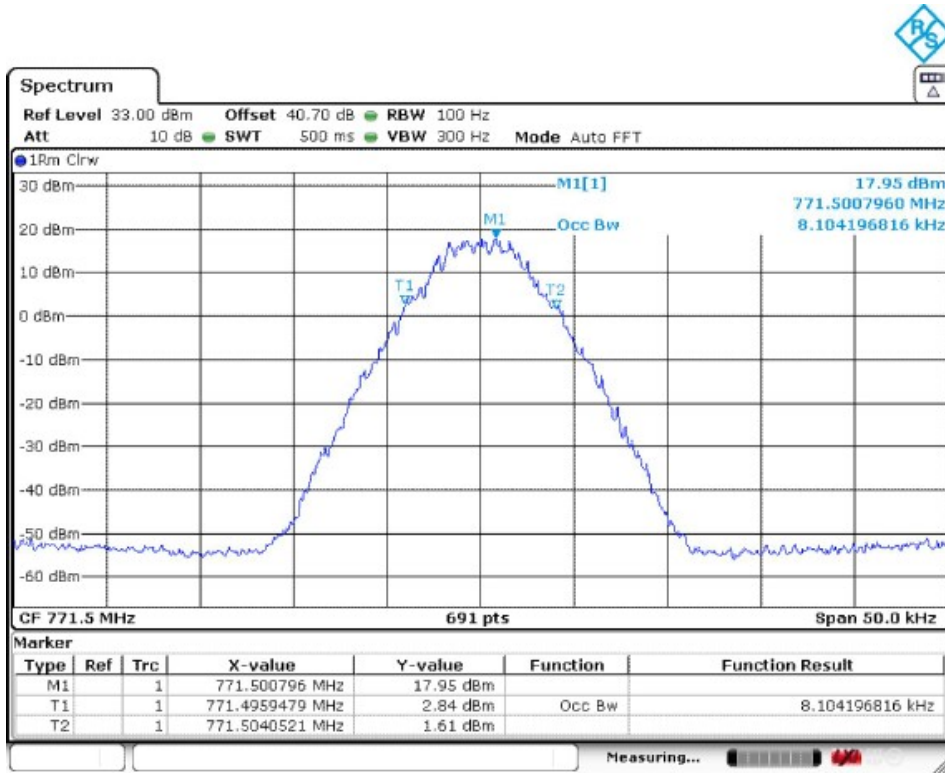


Date: 22.DEC.2022 14:51:52

Middle Frequency: 793.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

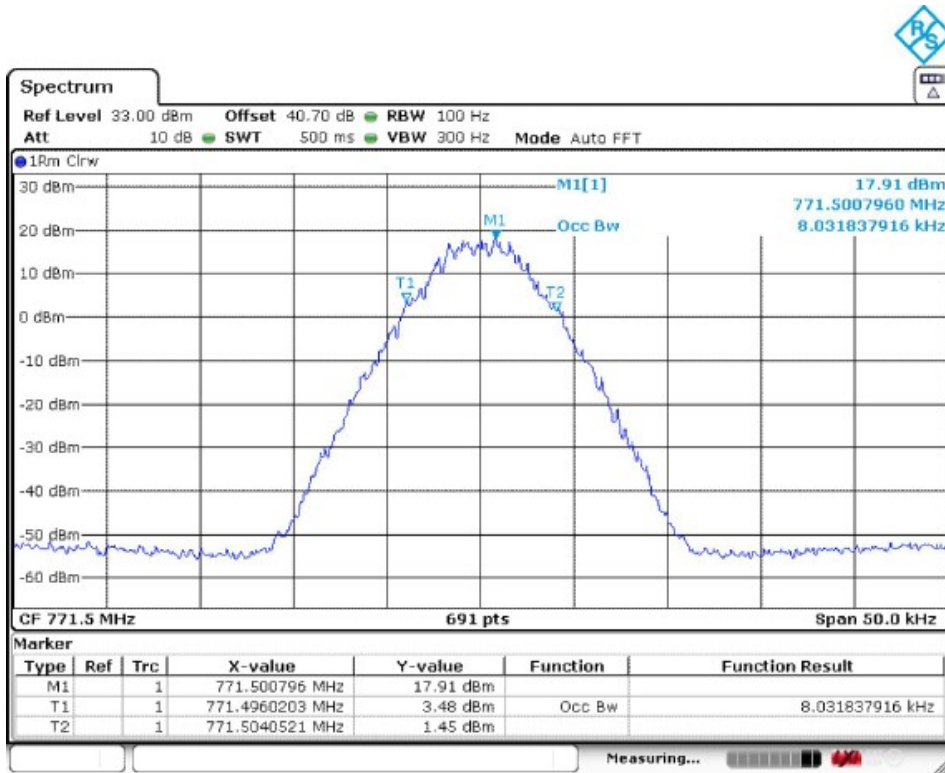
10.5.5.2.1.3 P25 Phase I(C4FM)

10.5.5.2.1.3.1 Downlink



Date: 22.DEC.2022 15:13:17

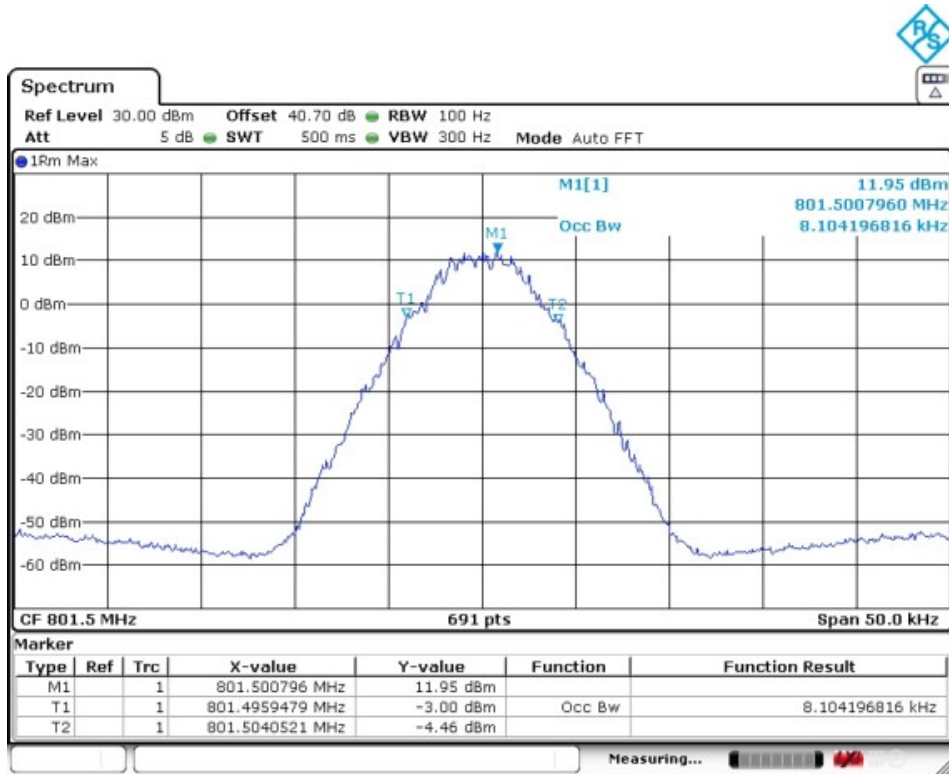
Middle Frequency: 771.5MHz, Output occupied BW(AGC)



Date: 22.DEC.2022 15:13:32

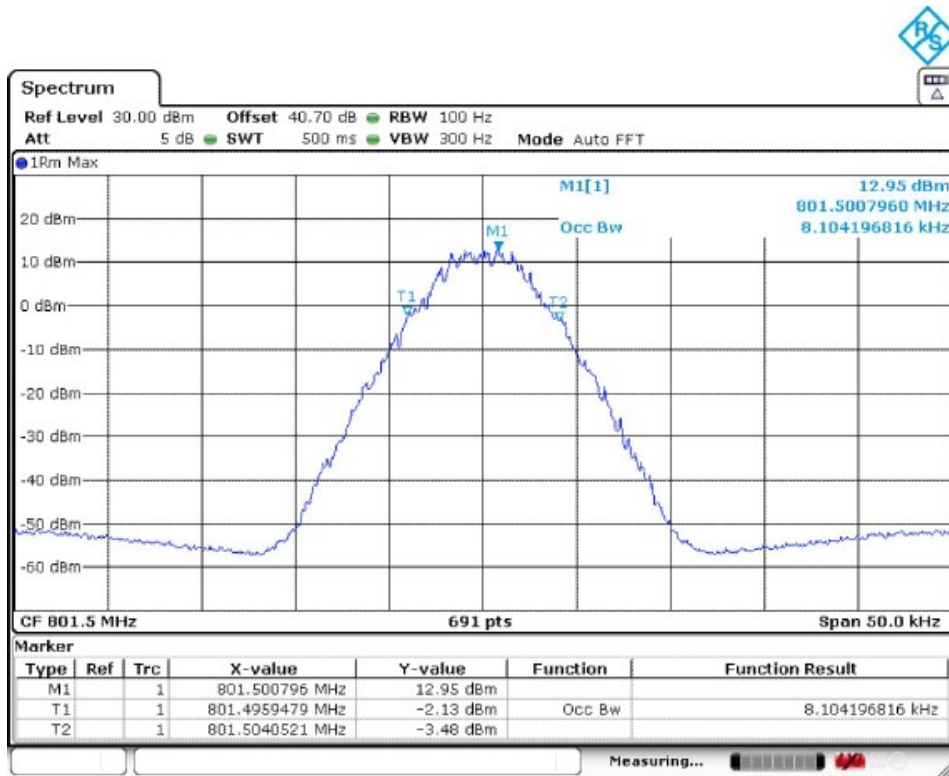
Middle Frequency: 771.5MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

10.5.5.2.1.3.2 Uplink



Date: 22. DEC. 2022 14:44:00

Middle Frequency: 801.5MHz, Output occupied BW(AGC)

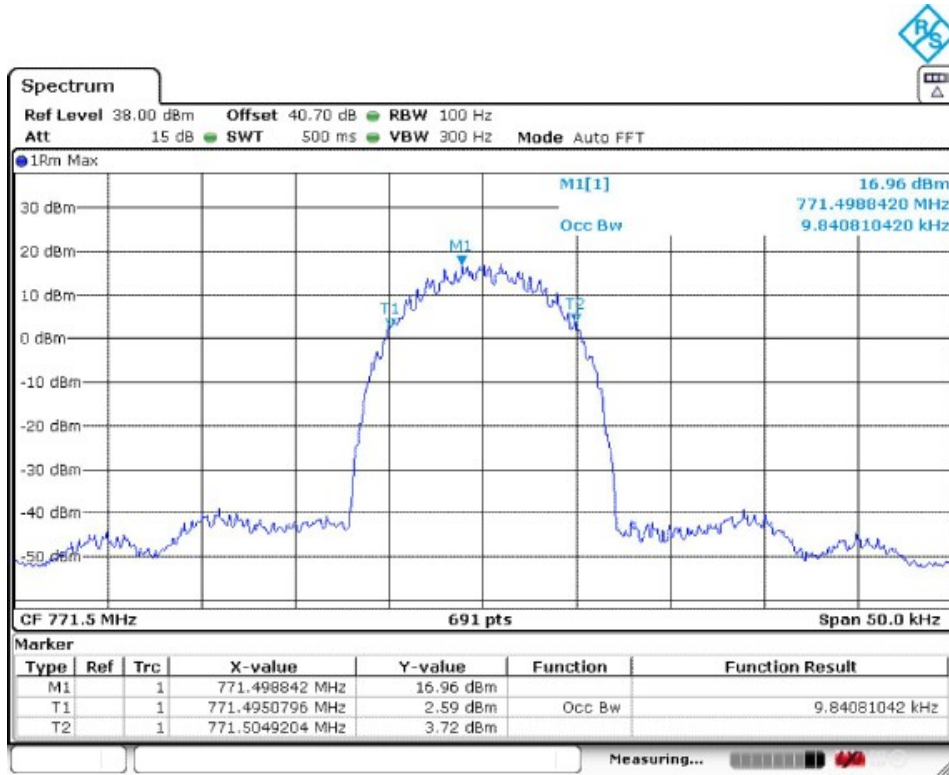


Date: 22. DEC. 2022 14:44:24

Middle Frequency: 801.5MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

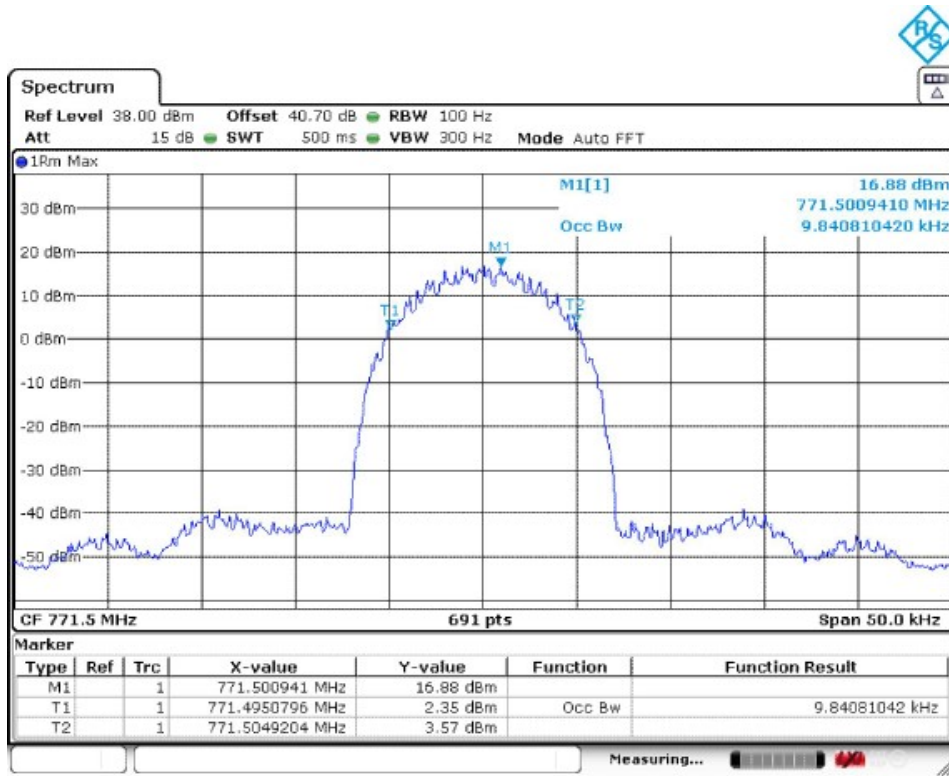
10.5.5.2.1.4 P25 Phase II(H-DQPSK)

10.5.5.2.1.4.1 Downlink



Date: 22.DEC.2022 15:08:33

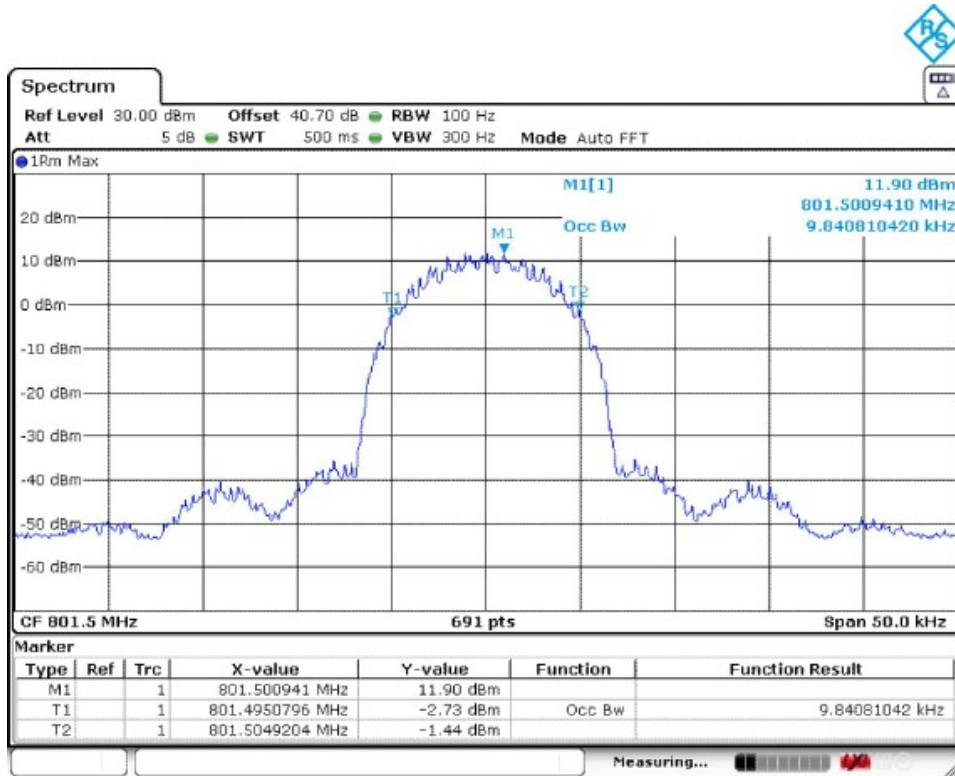
Middle Frequency: 771.5MHz, Output occupied BW(AGC)



Date: 22.DEC.2022 15:09:06

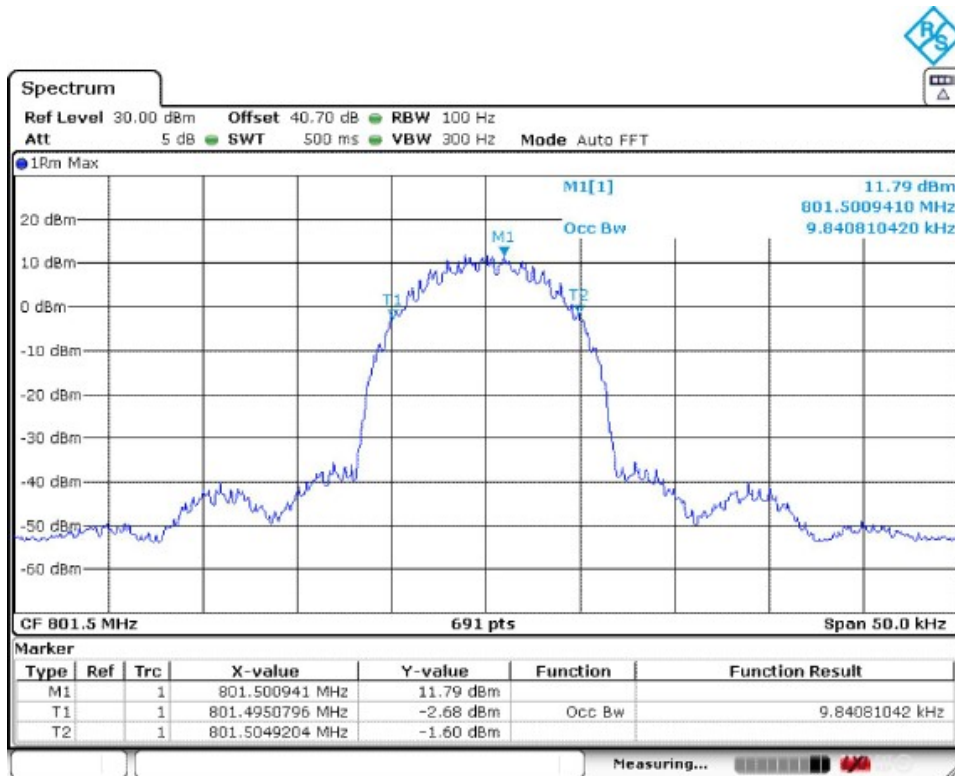
Middle Frequency: 771.5MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

10.5.5.2.1.4.2 Uplink



Date: 22.DEC.2022 14:45:06

Middle Frequency: 801.5MHz, Output occupied BW(AGC)

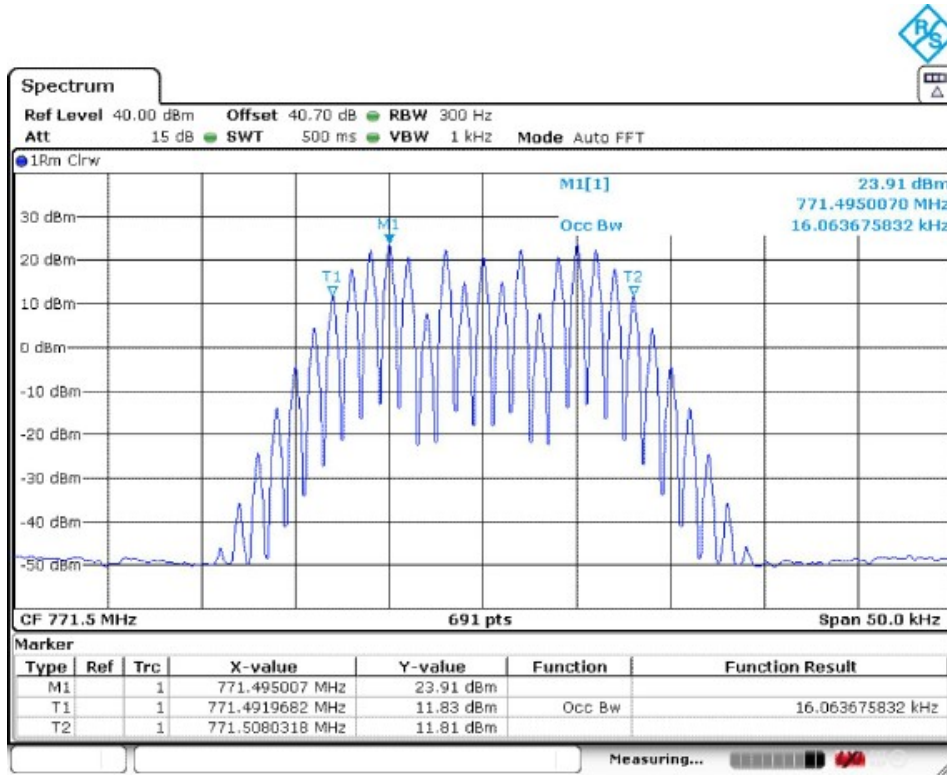


Date: 22.DEC.2022 14:45:19

Middle Frequency: 801.5MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

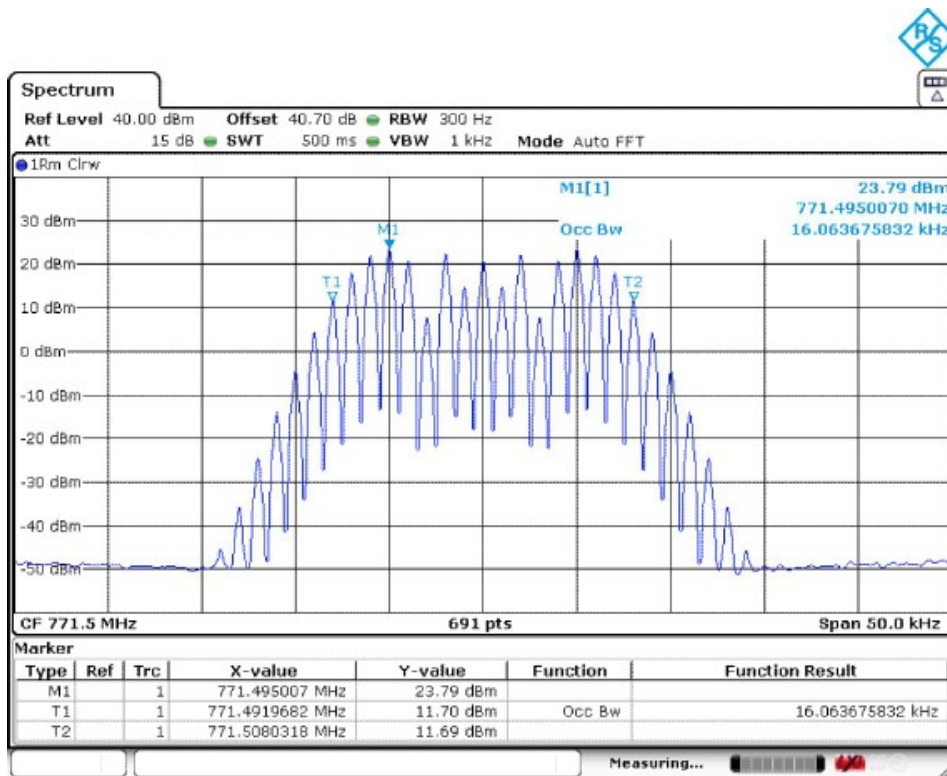
10.5.5.2.1.5 Analog FM

10.5.5.2.1.5.1 Downlink



Date: 22.DEC.2022 15:14:25

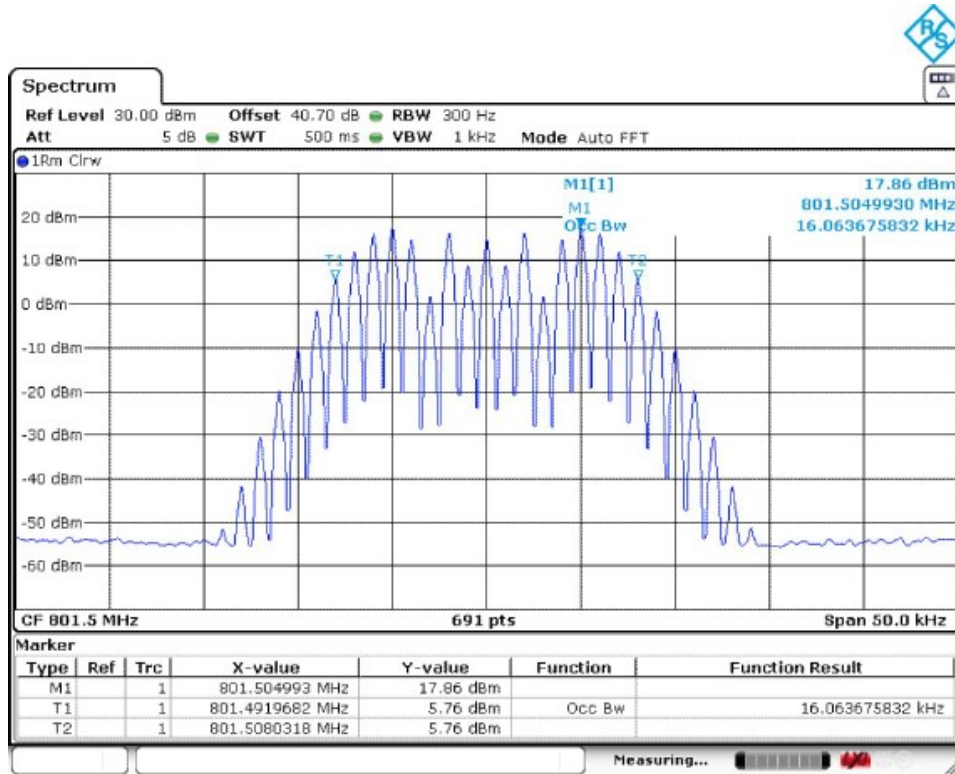
Middle Frequency: 771.5MHz, Output occupied BW(AGC)



Date: 22.DEC.2022 15:14:39

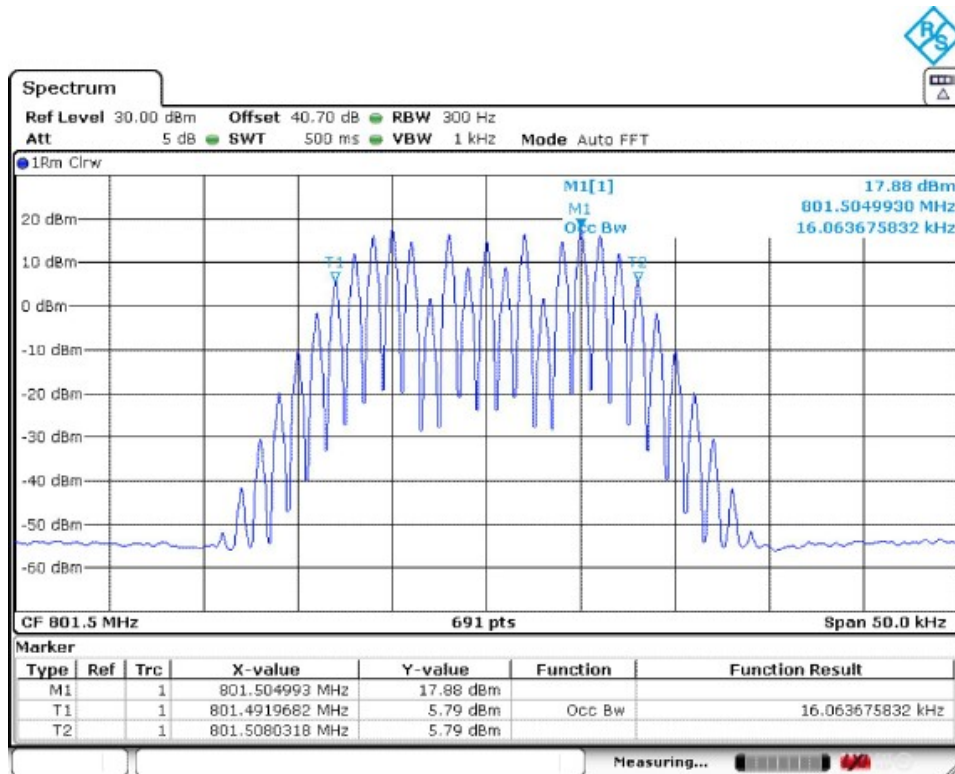
Middle Frequency: 771.5MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

10.5.5.2.1.5.2 Uplink



Date: 22.DEC.2022 14:46:09

Middle Frequency: 801.5MHz, Output occupied BW(AGC)



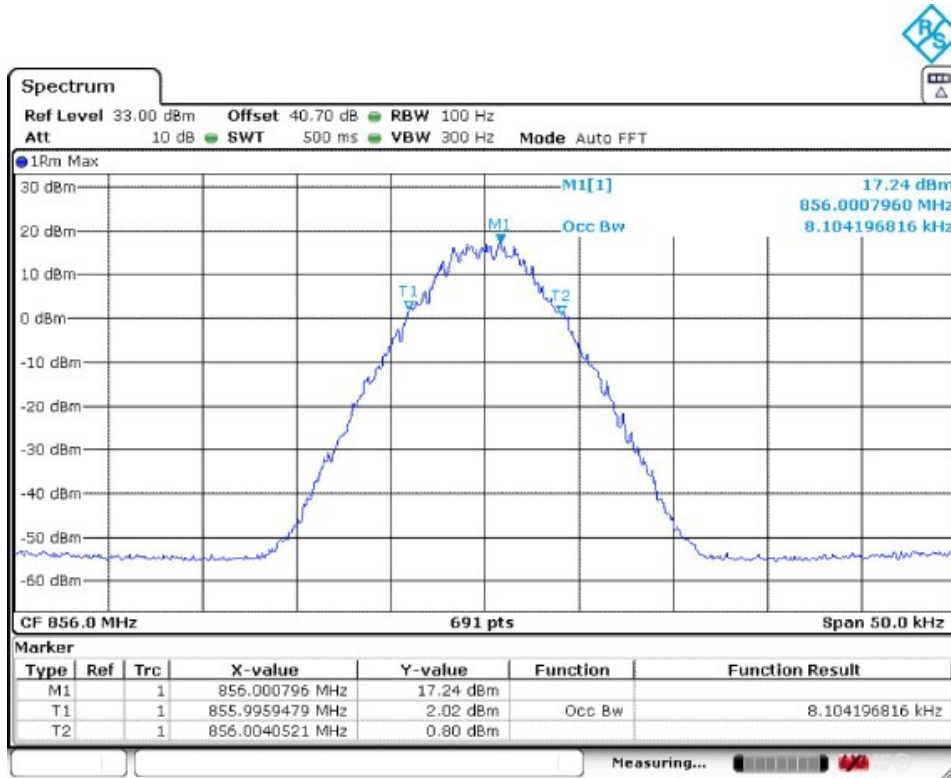
Date: 22.DEC.2022 14:46:28

Middle Frequency: 801.5MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

10.5.5.2.2 800MHz Band

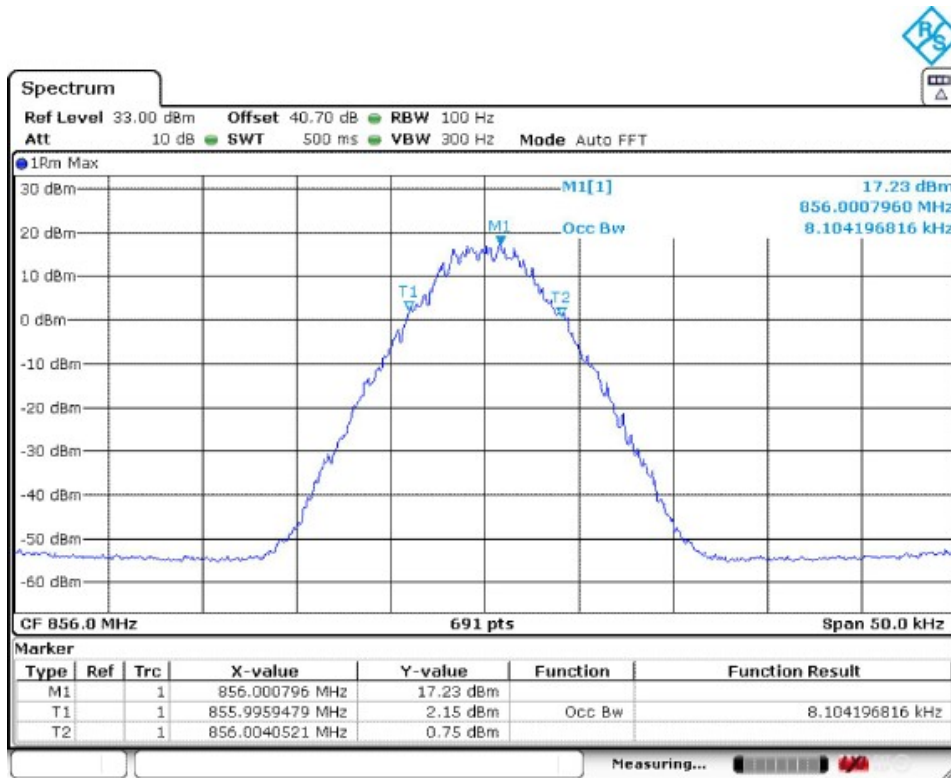
10.5.5.2.2.1 P25 Phase I(C4FM)

10.5.5.2.2.1.1 Downlink



Date: 22. DEC. 2022 15:12:44

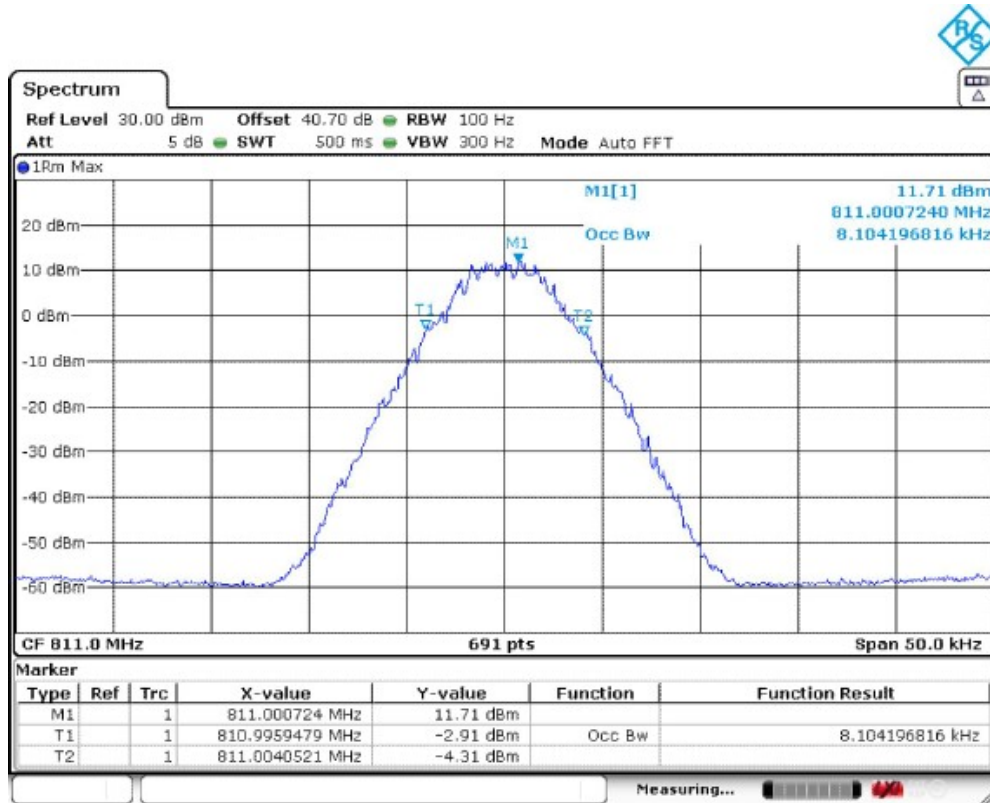
Middle Frequency: 856.0MHz, Output occupied BW(AGC)



Date: 22. DEC. 2022 15:12:09

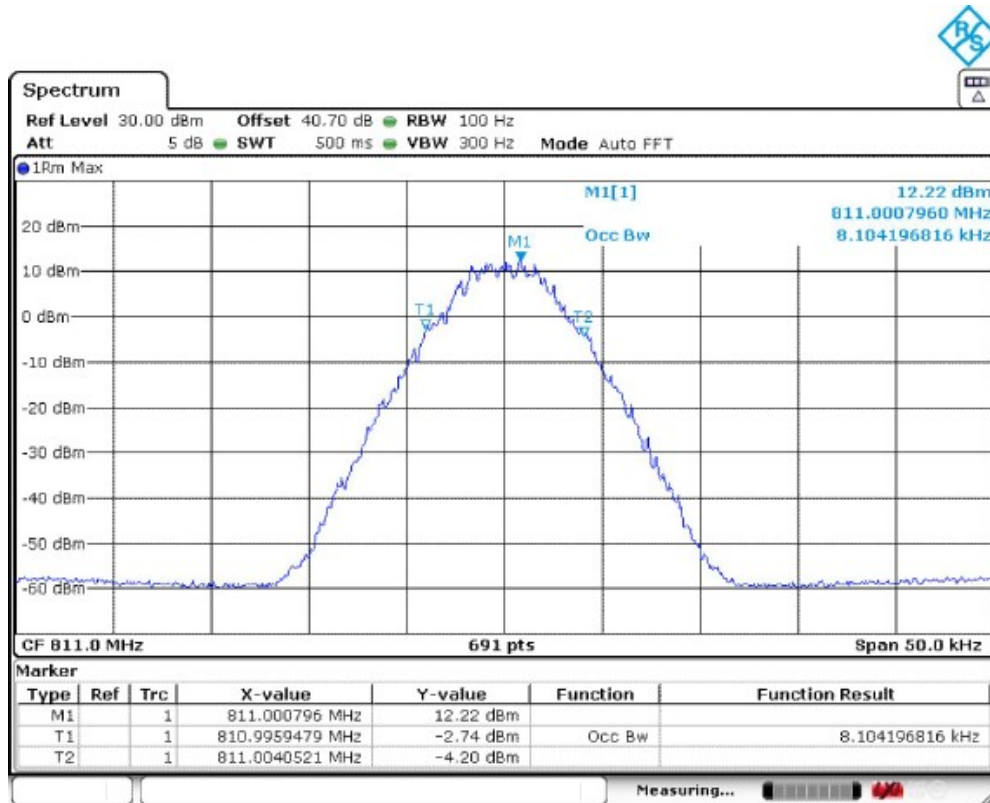
Middle Frequency: 856.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

10.5.5.2.2.1.2 Uplink



Date: 22.DEC.2022 14:41:20

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

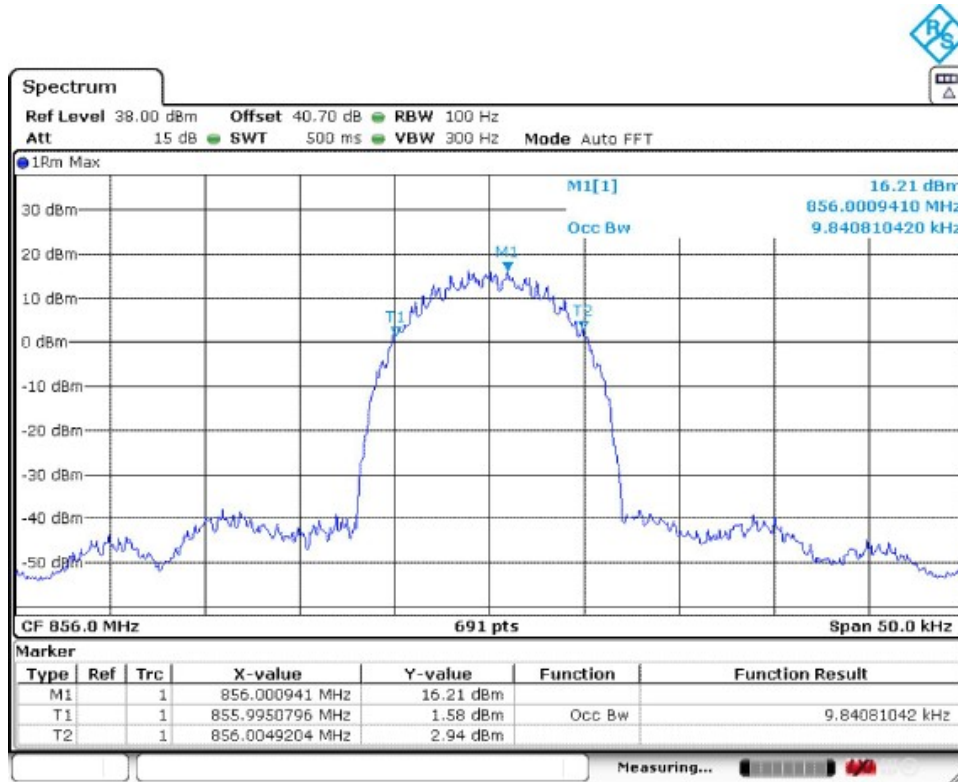


Date: 22.DEC.2022 14:41:33

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

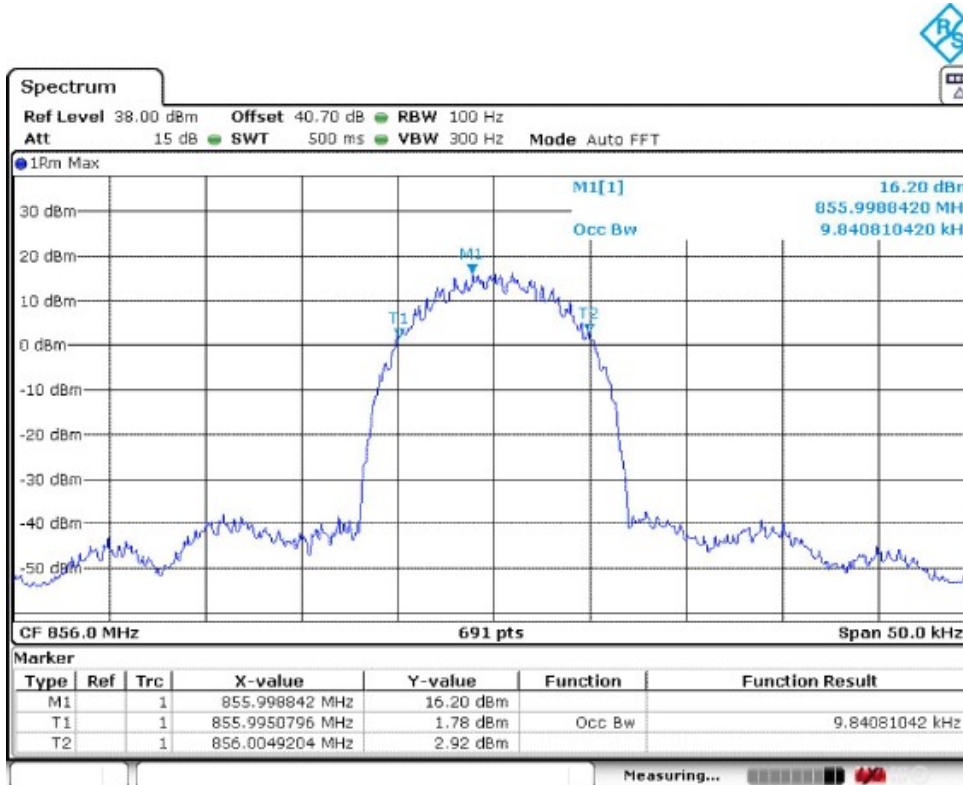
10.5.5.2.2.2 P25 Phase II(H-DQPSK)

10.5.5.2.2.2.1 Downlink



Date: 22.DEC.2022 15:10:57

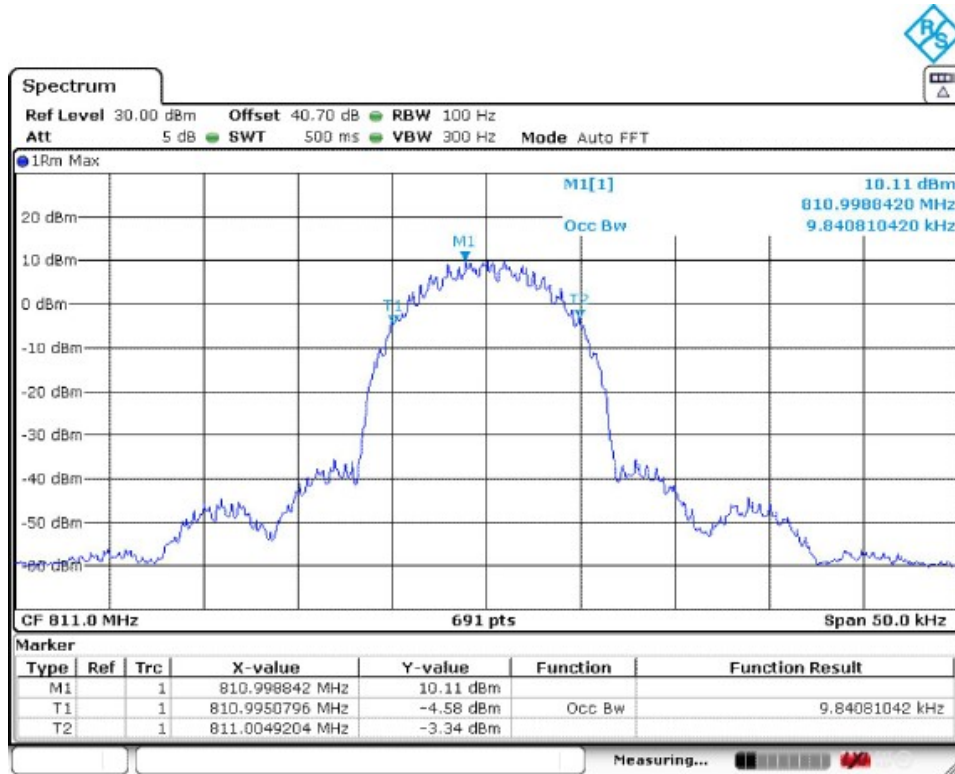
Middle Frequency: 856.0MHz, Output occupied BW(AGC)



Date: 22.DEC.2022 15:11:19

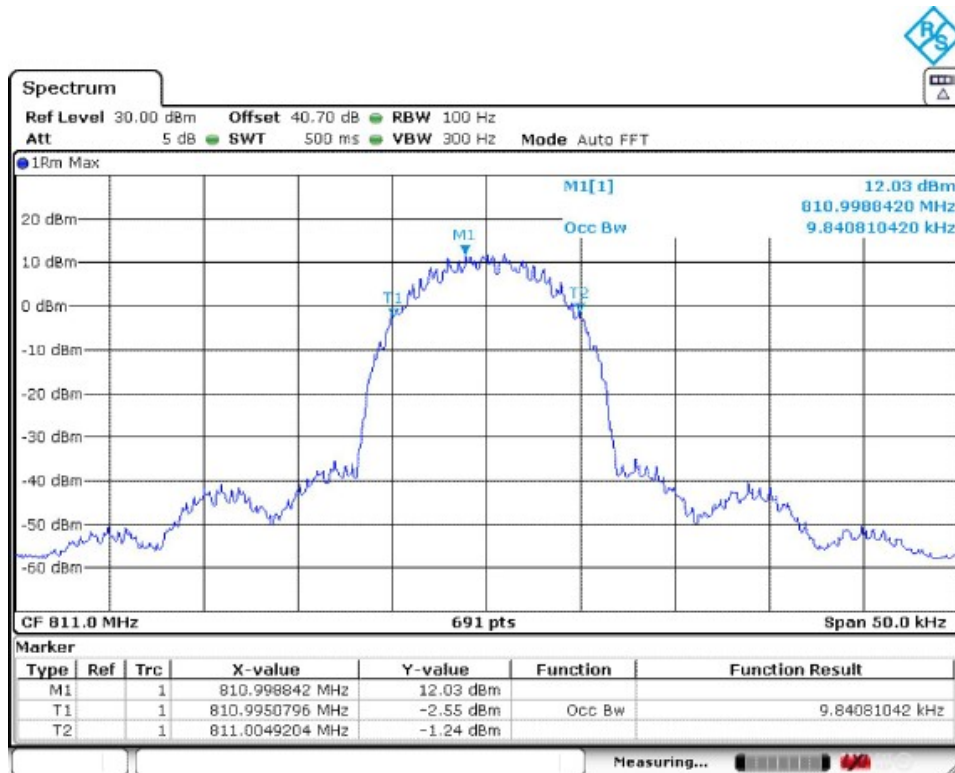
Middle Frequency: 856.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

10.5.5.2.2.2 Uplink



Date: 22. DEC. 2022 14:39:24

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

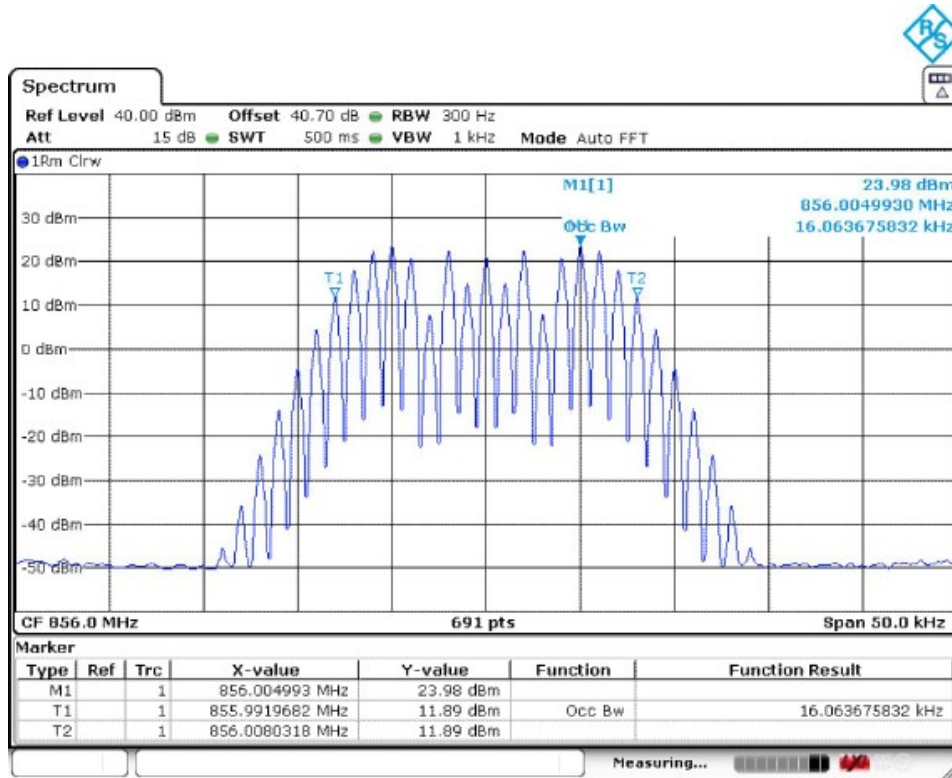


Date: 22. DEC. 2022 14:39:42

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

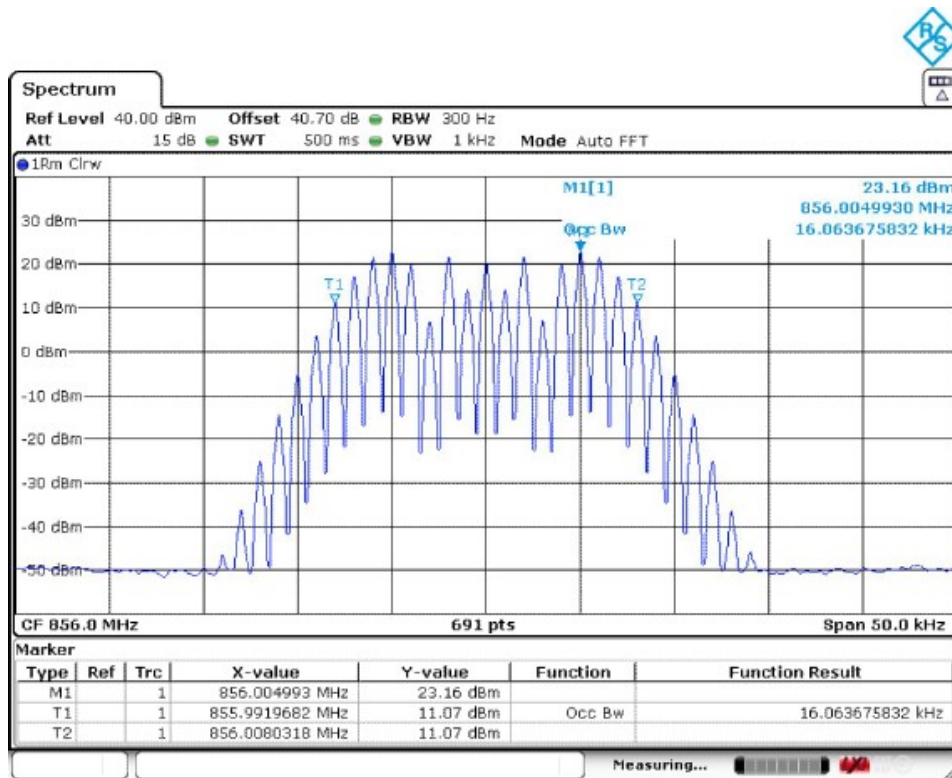
10.5.5.2.2.3 Analog FM

10.5.5.2.2.3.1 Downlink



Date: 22.DEC.2022 15:16:34

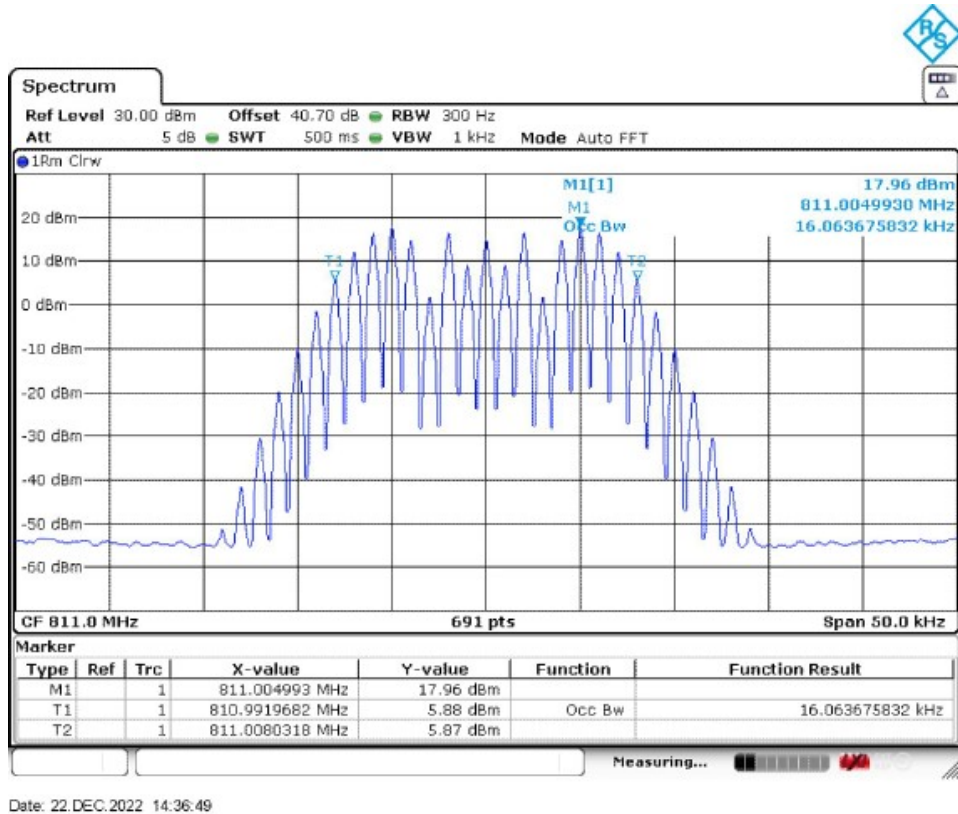
Middle Frequency: 856.0MHz, Output occupied BW(AGC)



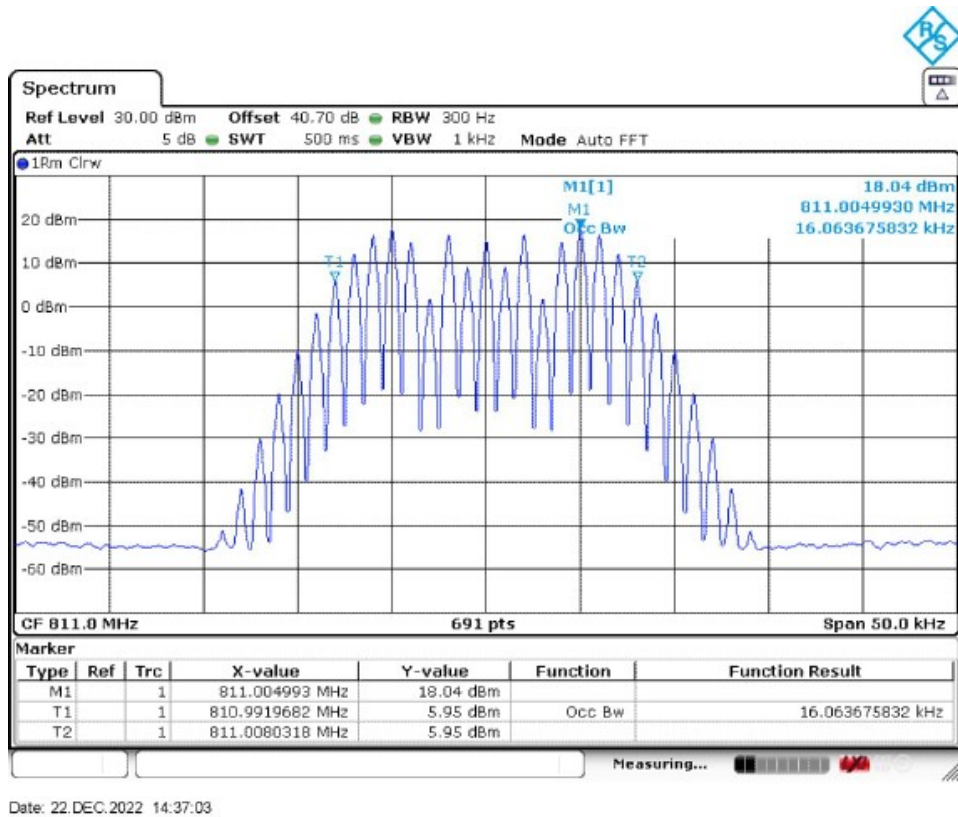
Date: 22.DEC.2022 15:16:58

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

10.5.5.2.3.2 Uplink



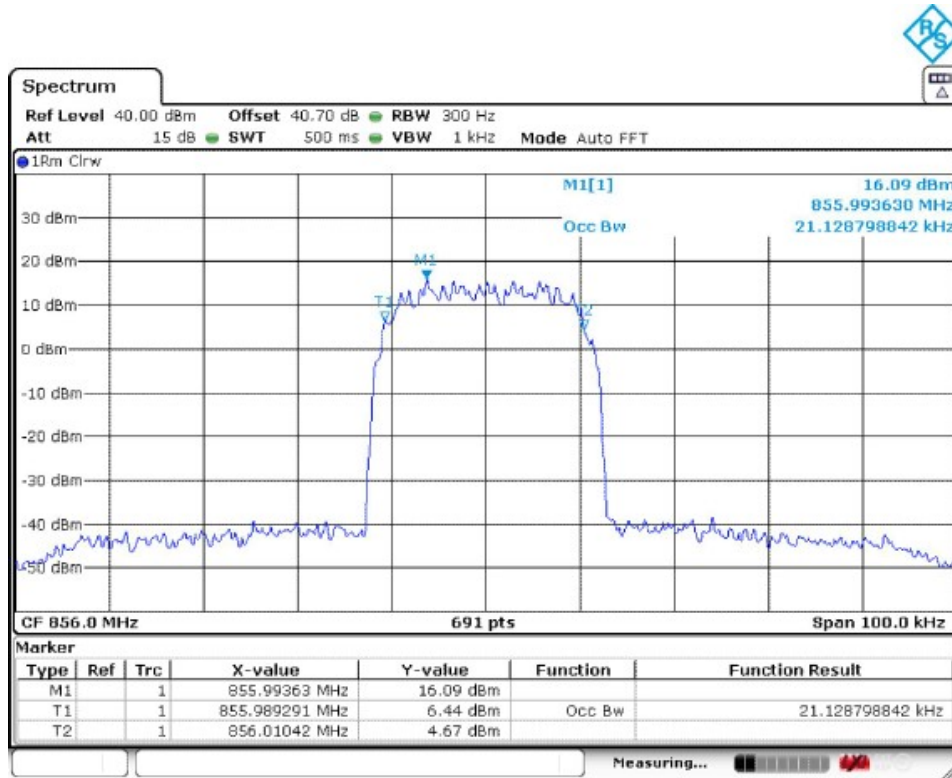
Middle Frequency: 811.0MHz, Output occupied BW(AGC)



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

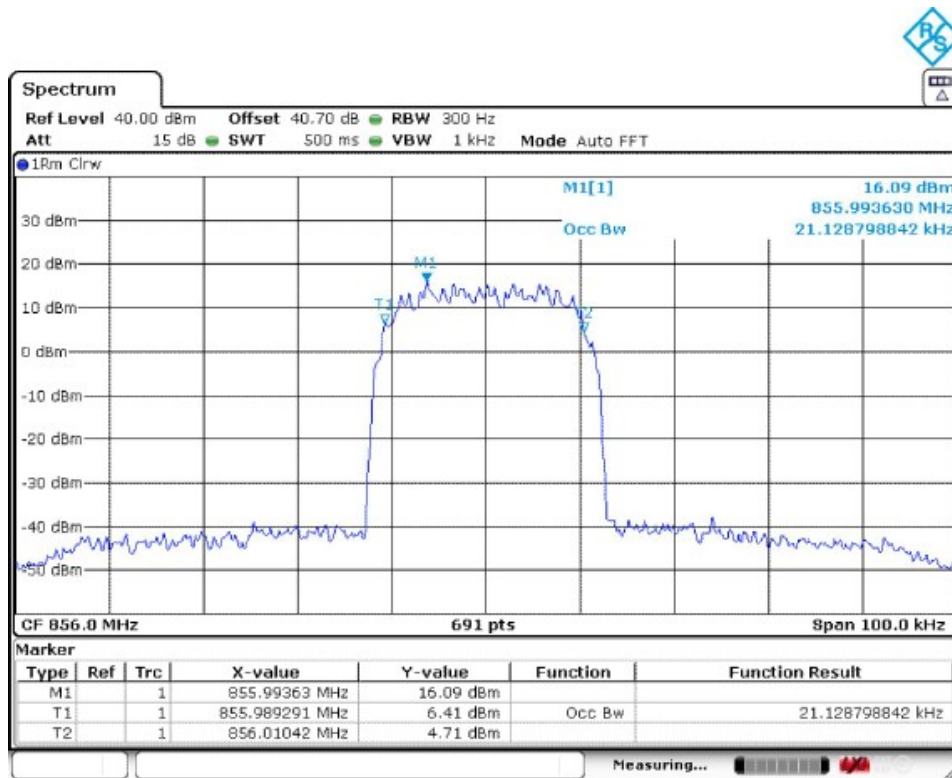
10.5.5.2.2.4 Tetra

10.5.5.2.2.4.1 Downlink



Date: 22.DEC.2022 15:17:26

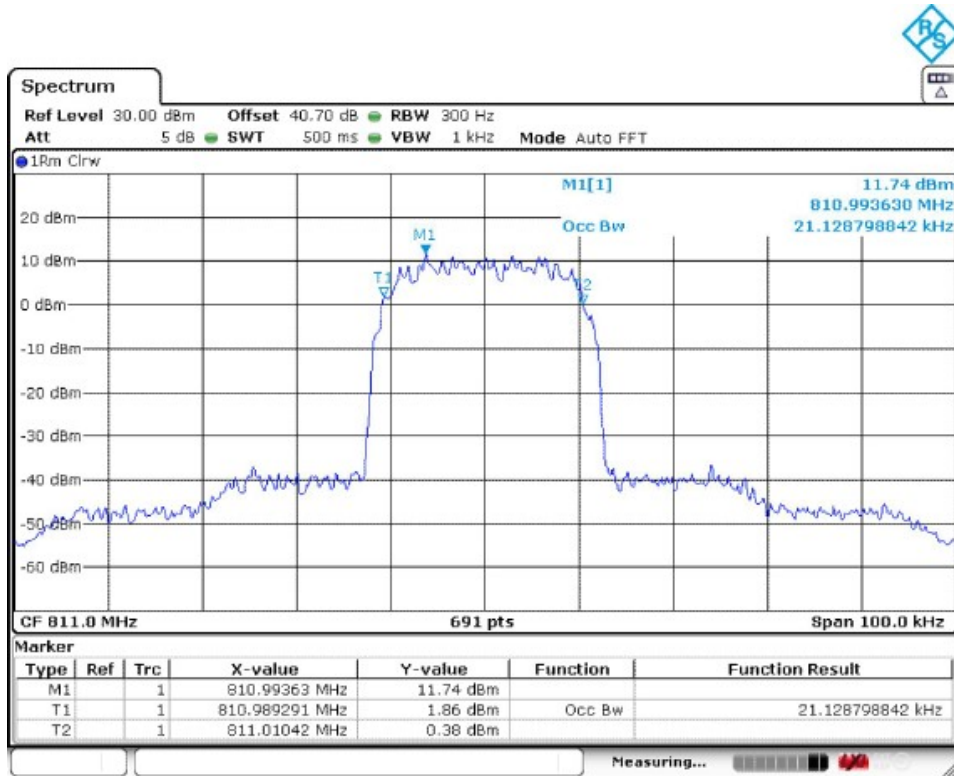
Middle Frequency: 856.0MHz, Output occupied BW(AGC)



Date: 22.DEC.2022 15:17:33

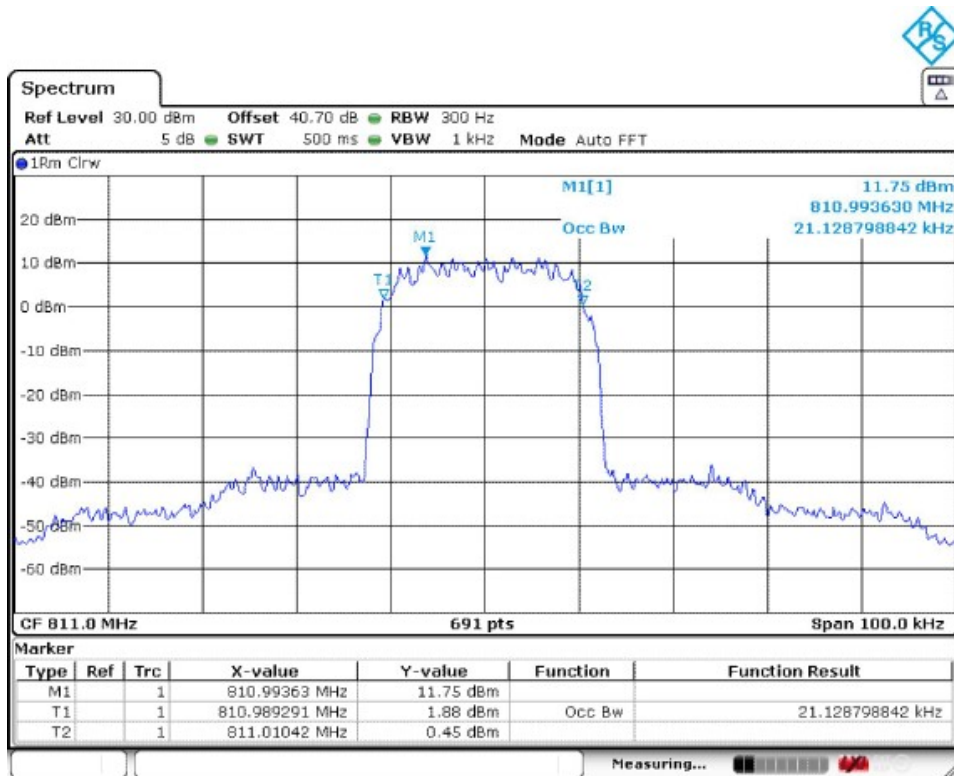
Middle Frequency: 856.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

10.5.5.2.4.2 Uplink



Date: 22.DEC.2022 14:34:00

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



Date: 22.DEC.2022 14:34:22

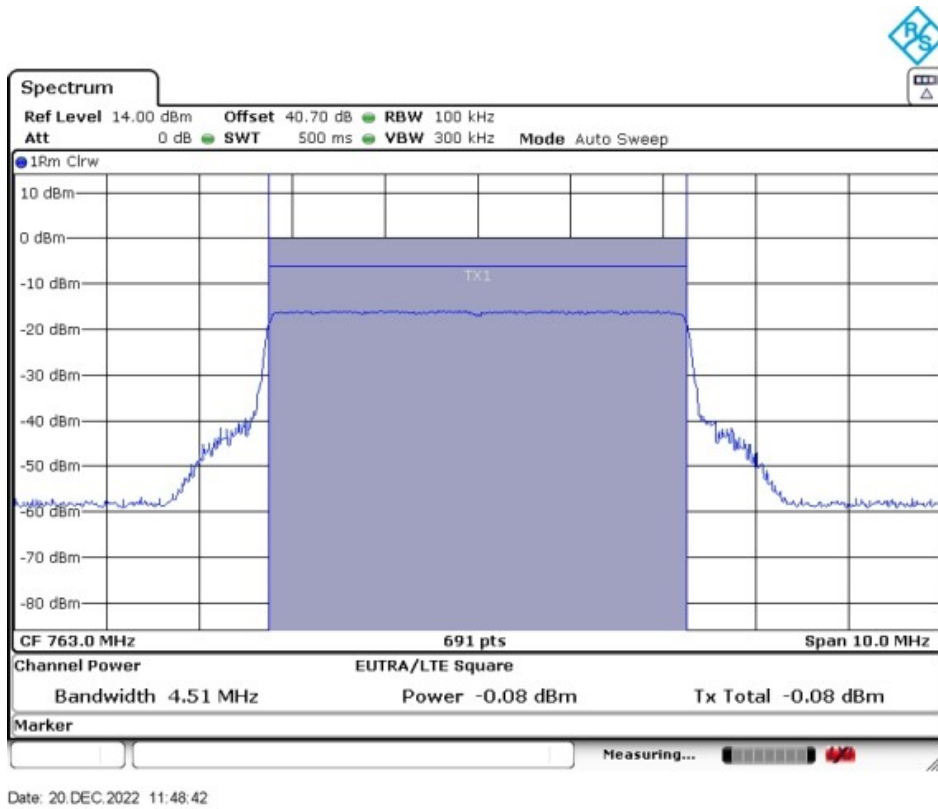
Middle Frequency: 811.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

10.5.5.3 Input VS output Comparison

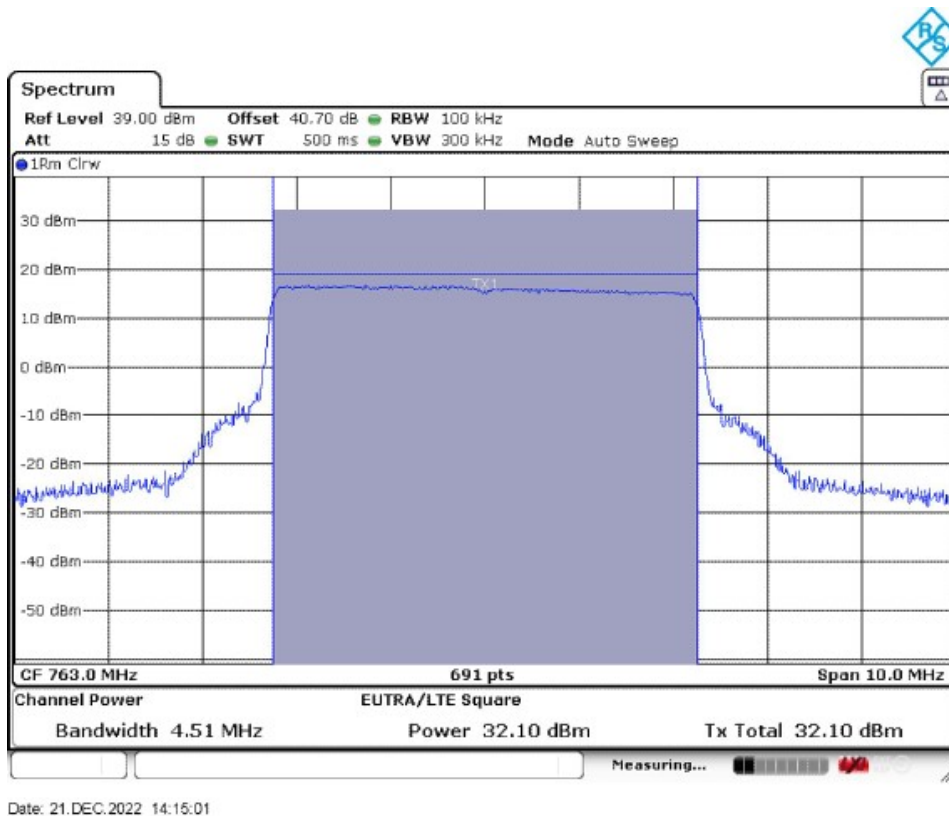
10.5.5.3.1 700MHz Band

10.5.5.3.1.1 LTE 5MHz

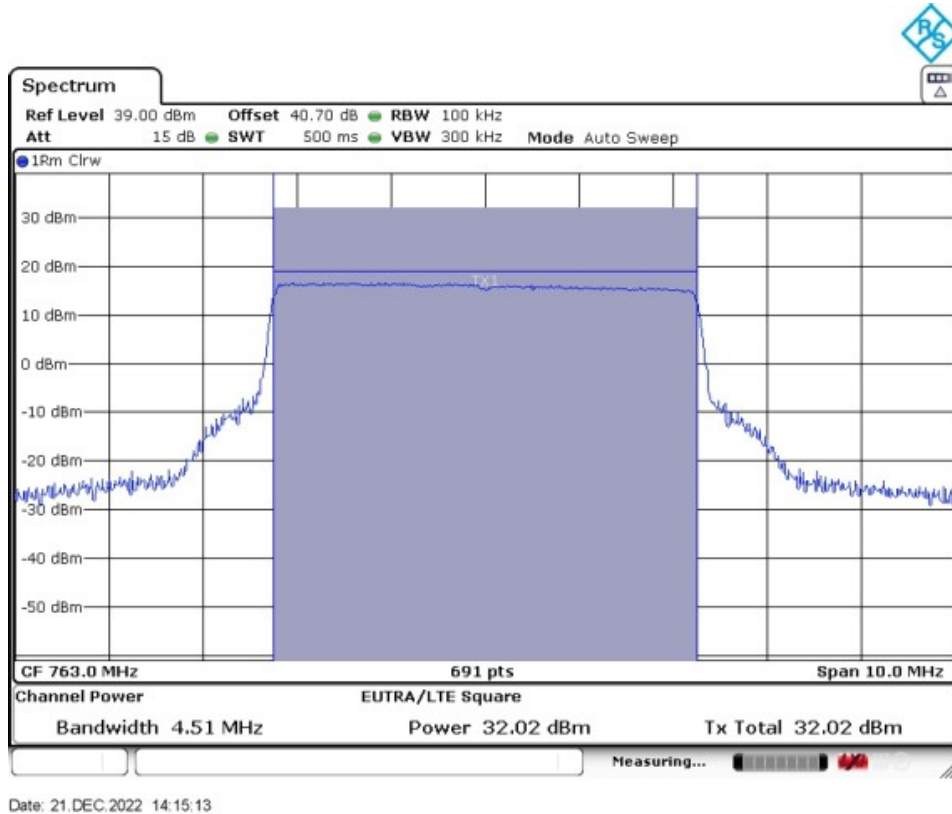
10.5.5.3.1.1.1 Downlink



Middle Frequency: 763.0MHz, Input occupied BW

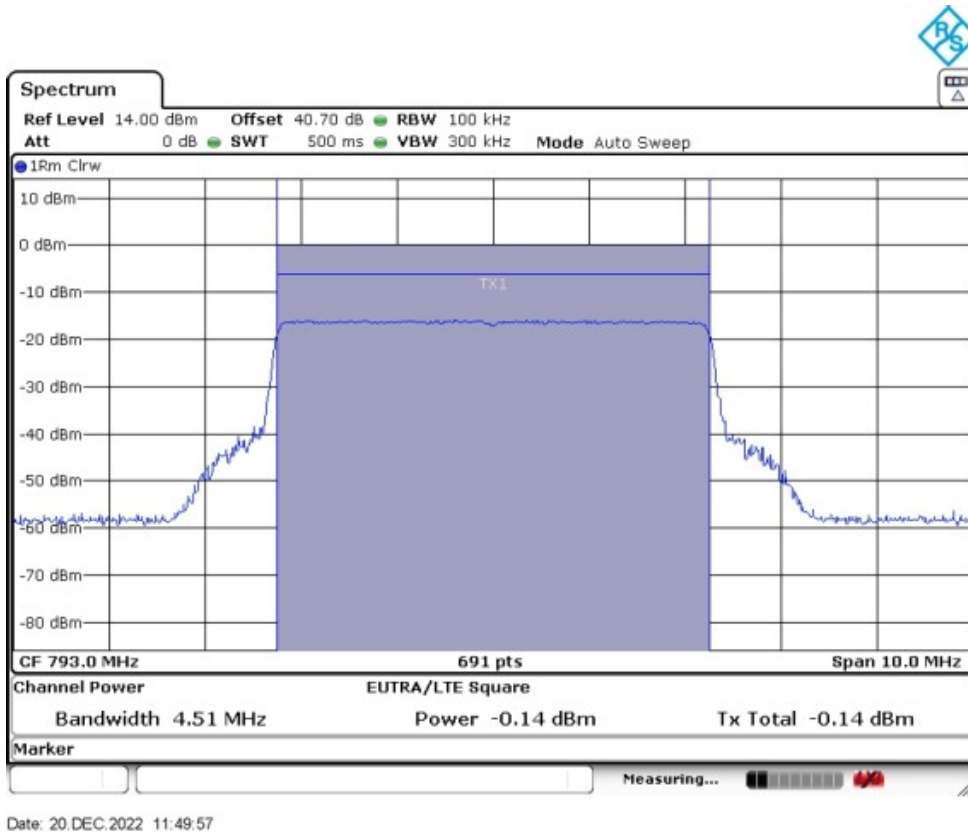


Middle Frequency: 763.0MHz, Output occupied BW(AGC)

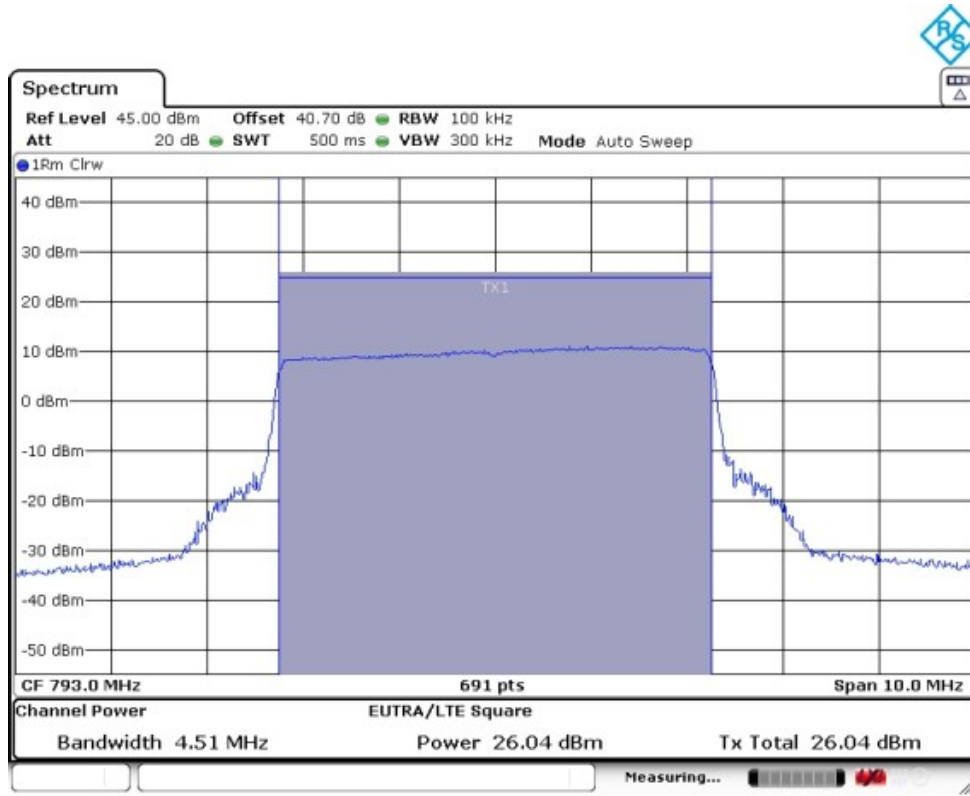


Middle Frequency: 763.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

10.5.5.3.1.1.2 Uplink

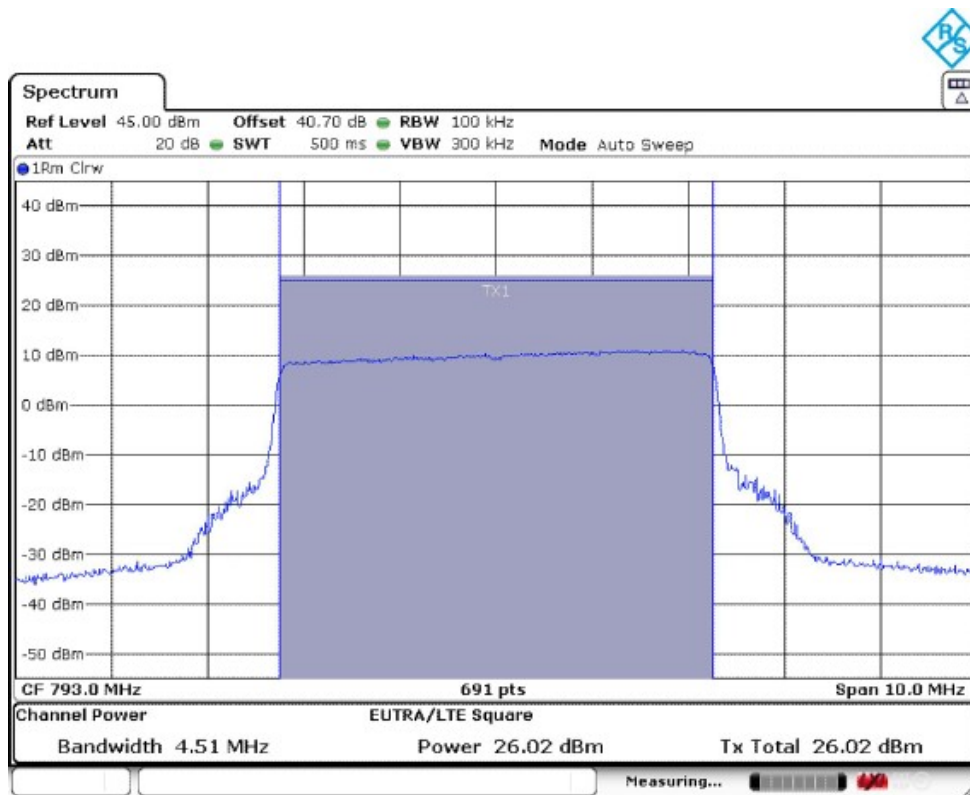


Middle Frequency: 793.0MHz, Input occupied BW



Date: 21.DEC.2022 15:07:58

Middle Frequency: 793.0MHz, Output occupied BW(AGC)

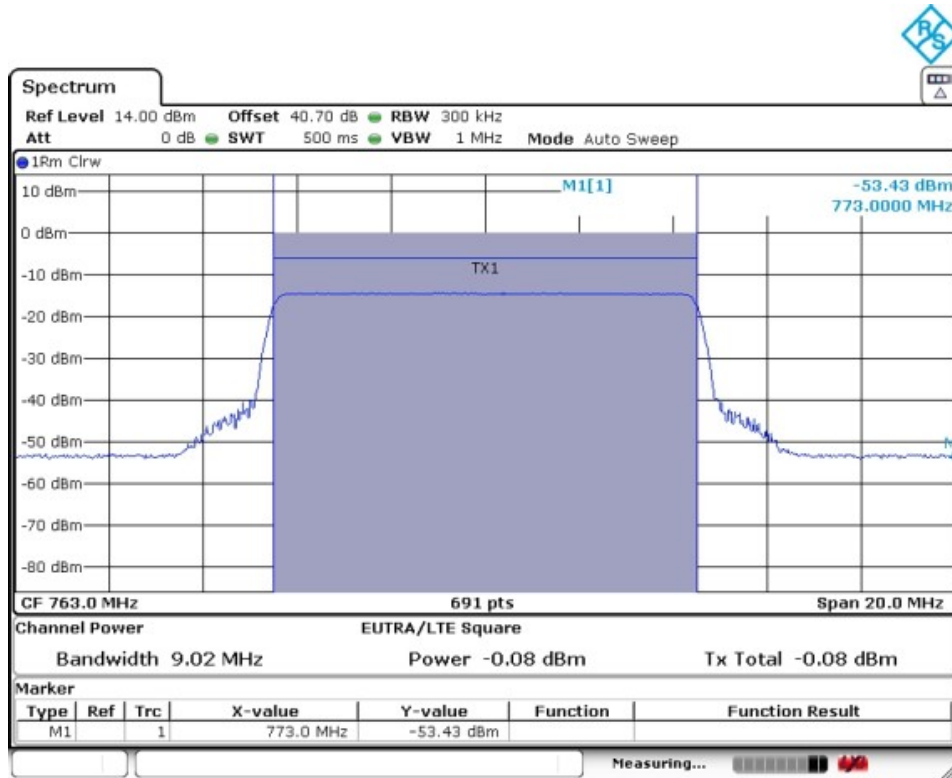


Date: 21.DEC.2022 15:08:12

Middle Frequency: 793.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

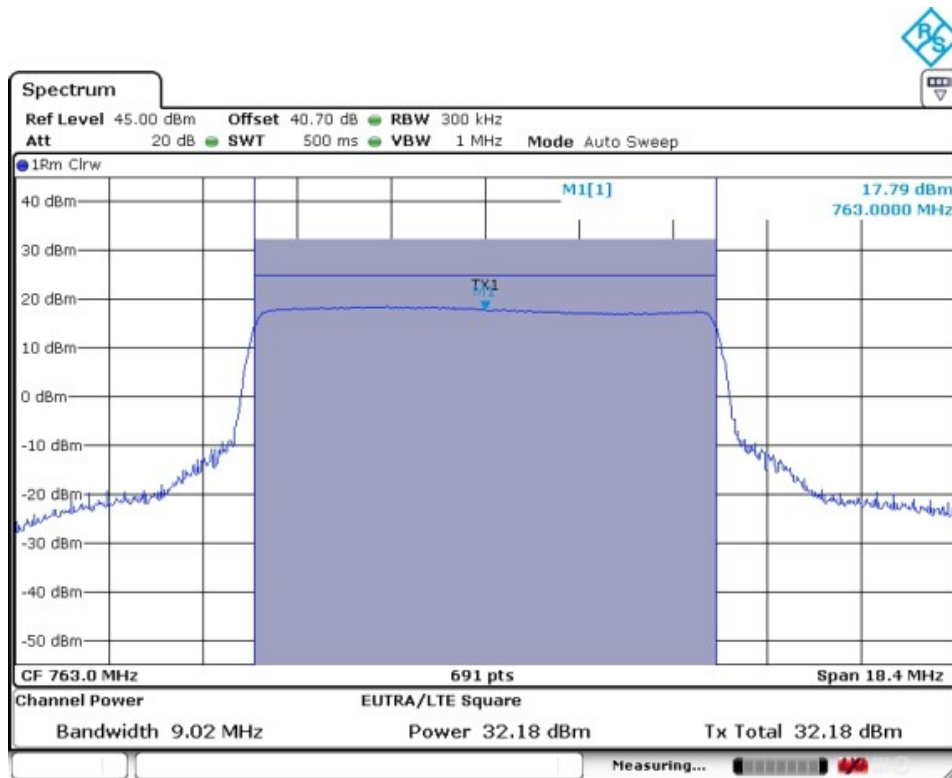
10.5.5.3.1.2 LTE 10MHz

10.5.5.3.1.2.1 Downlink



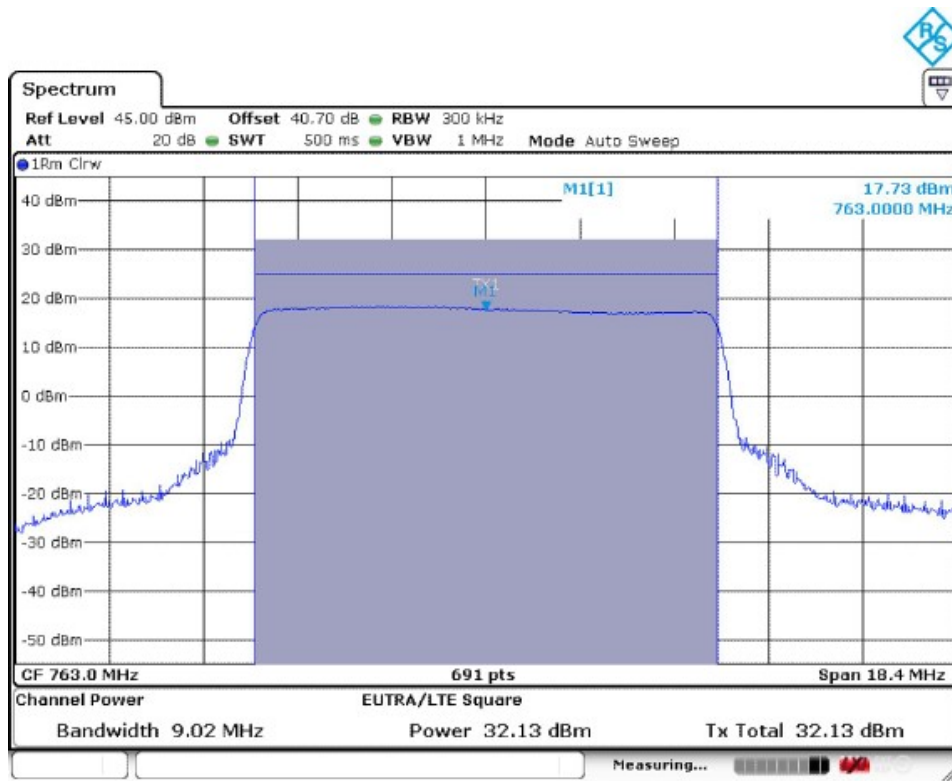
Date: 20.DEC.2022 11:46:29

Middle Frequency: 763.0MHz, Input occupied BW



Date: 21.DEC.2022 14:26:31

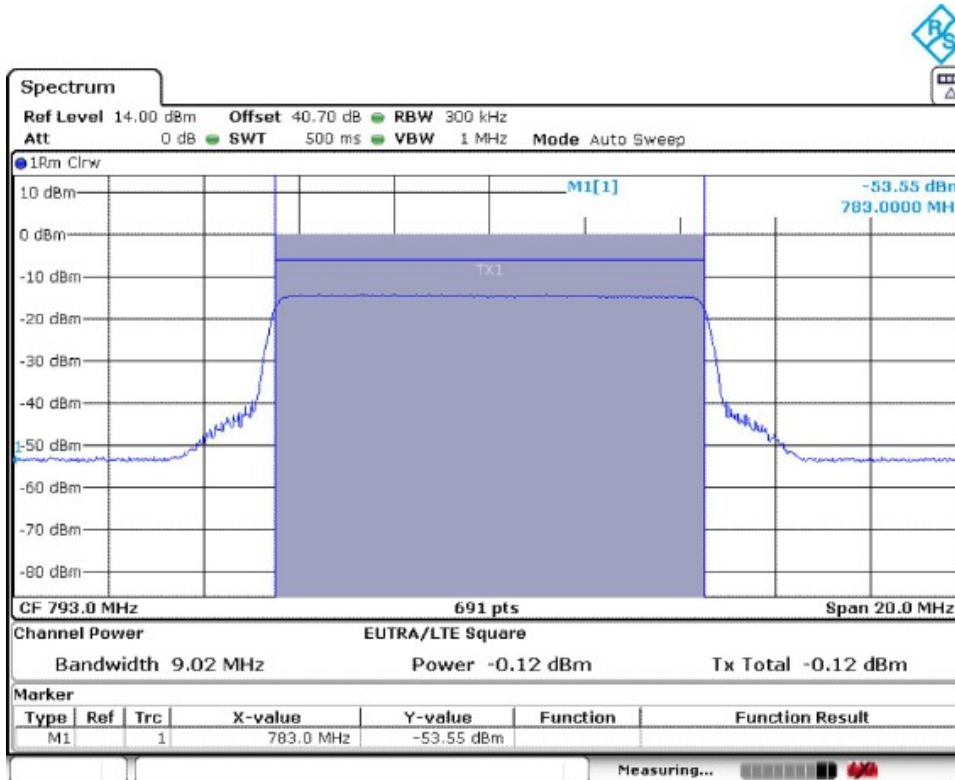
Middle Frequency: 763.0MHz, Output occupied BW(AGC)



Date: 21.DEC.2022 14:26:51

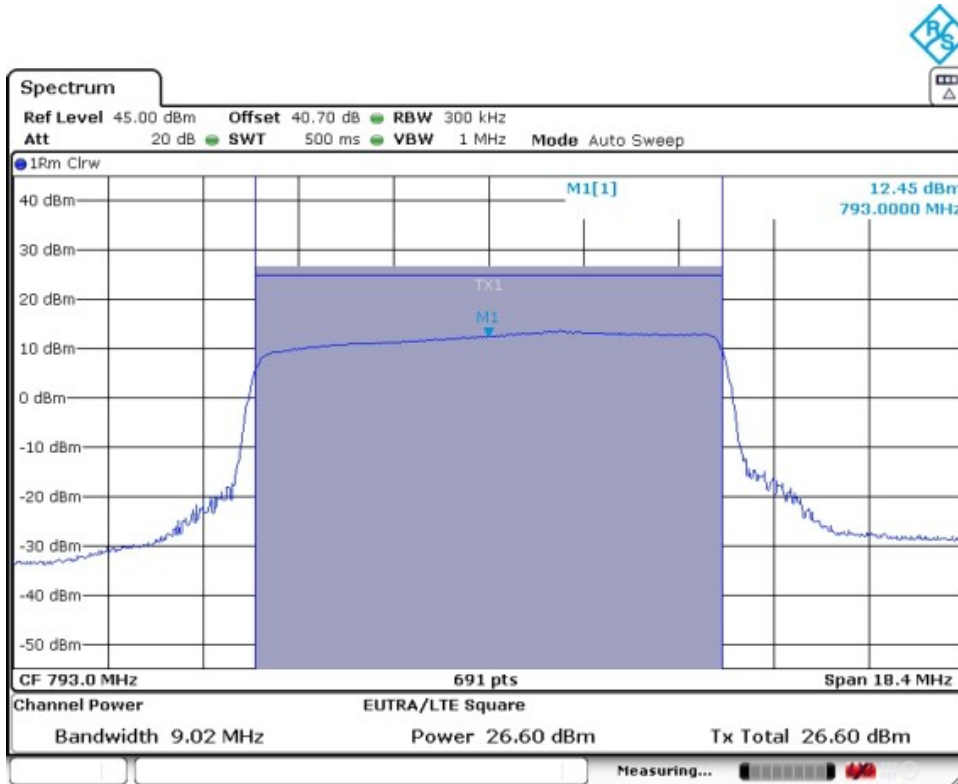
Middle Frequency: 763.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

10.5.5.3.1.2.2 Uplink



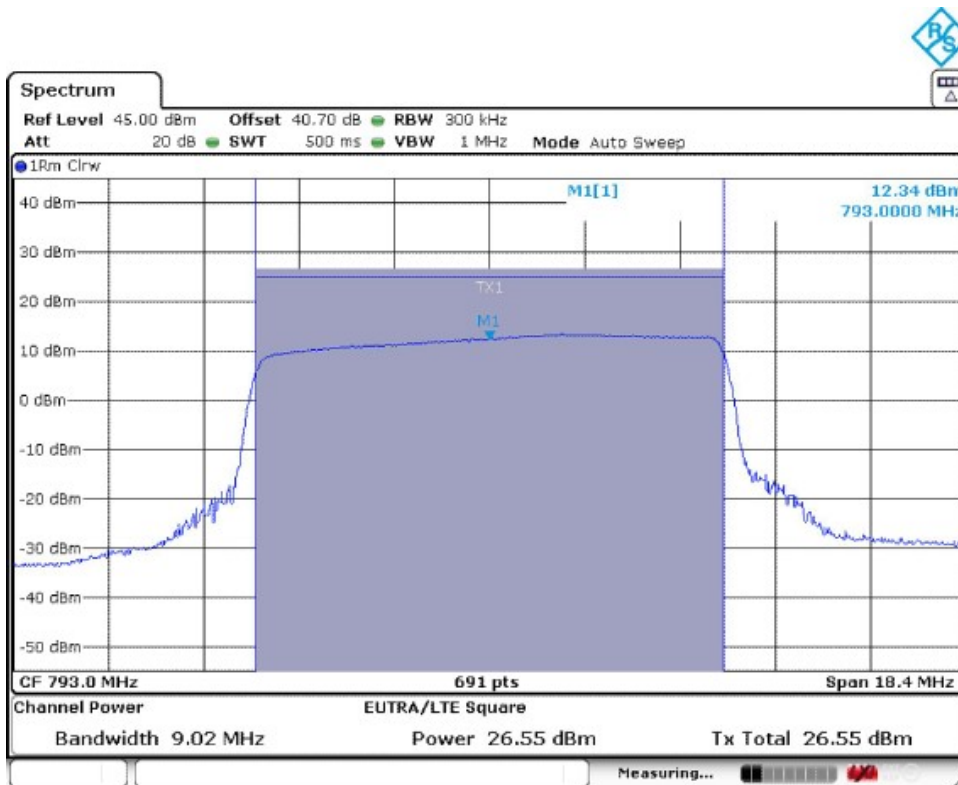
Date: 20.DEC.2022 11:46:56

Middle Frequency: 793.0MHz, Input occupied BW



Date: 21.DEC.2022 15:01:58

Middle Frequency: 793.0MHz, Output occupied BW(AGC)

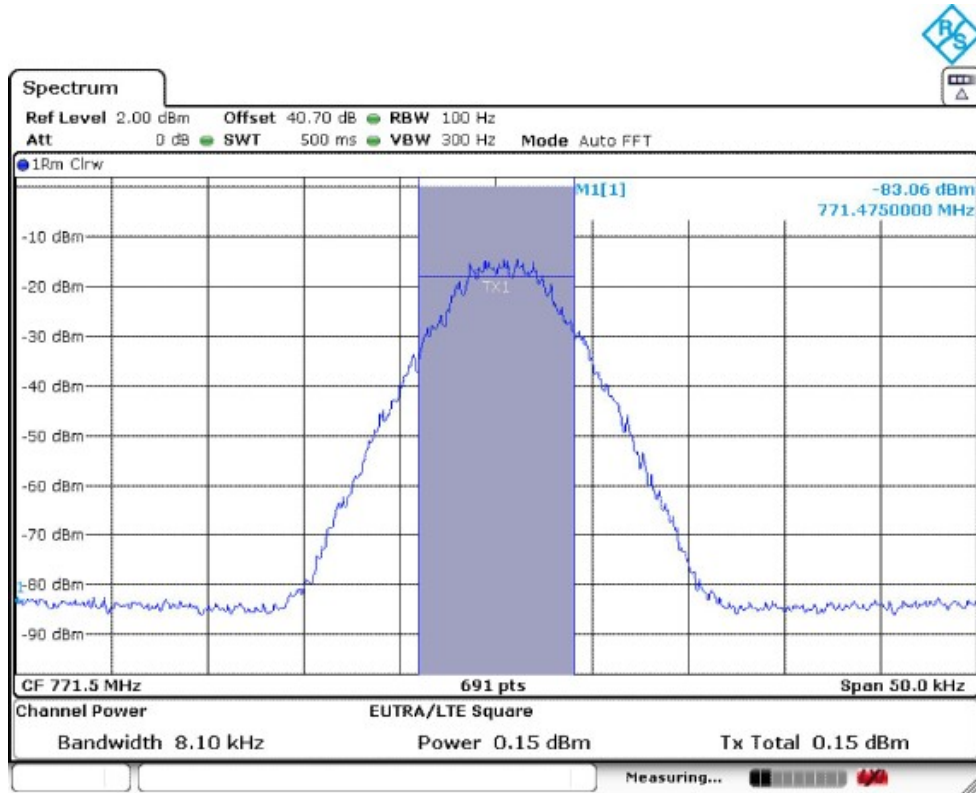


Date: 21.DEC.2022 15:02:15

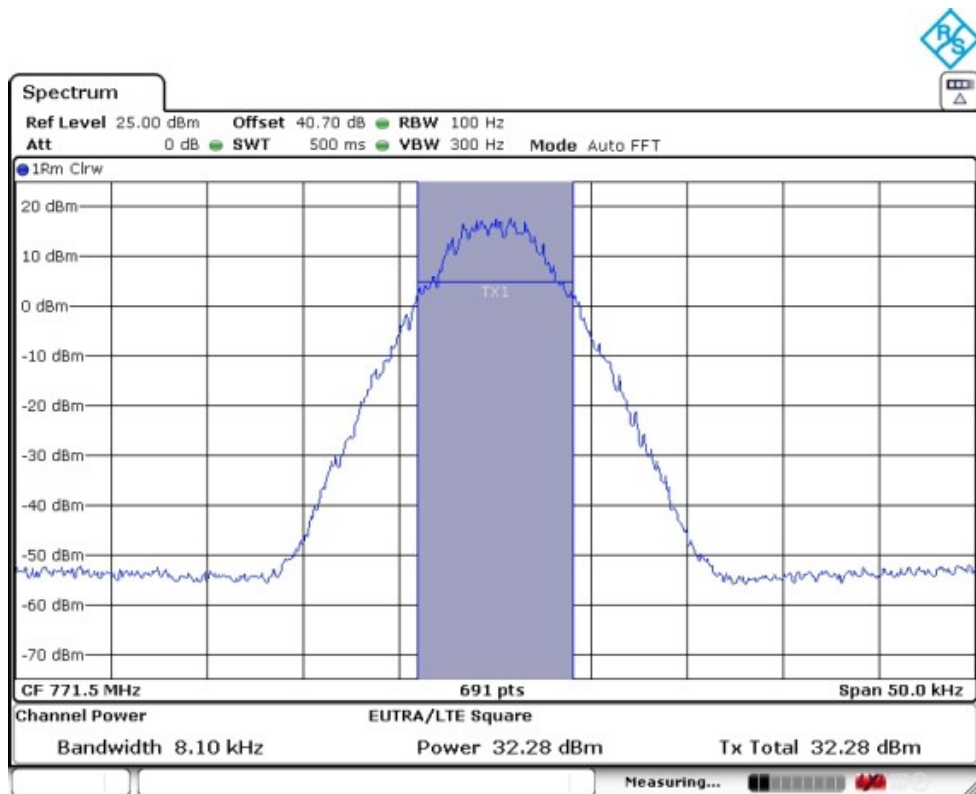
Middle Frequency: 793.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

10.5.5.3.1.3 P25 Phase I(C4FM)

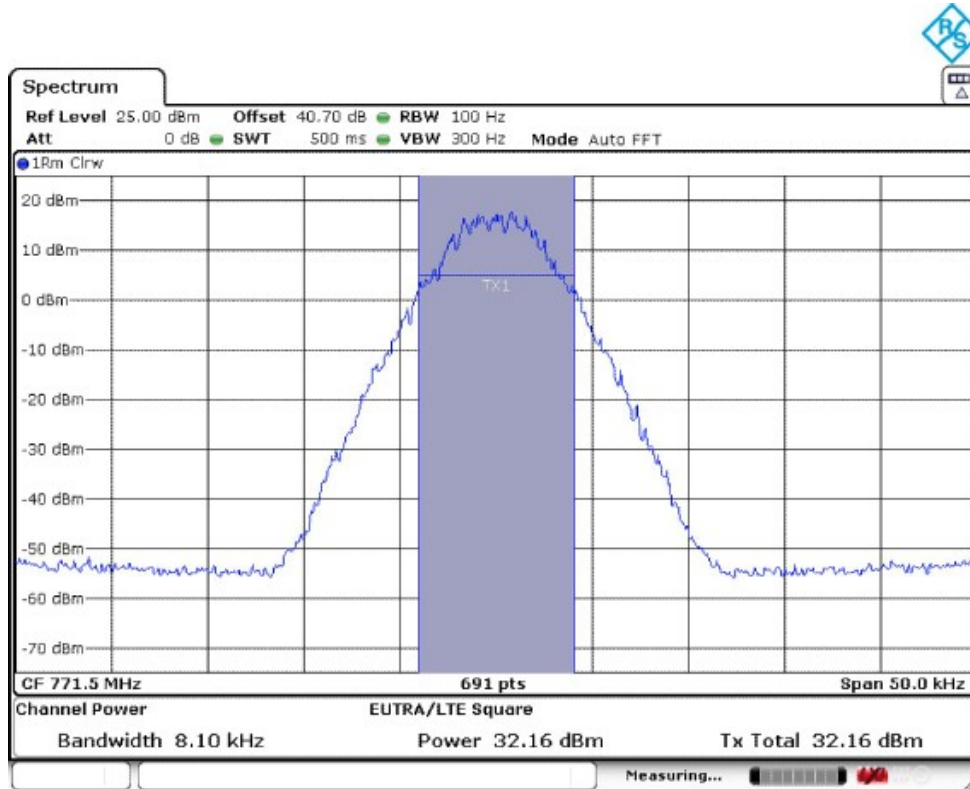
10.5.5.3.1.3.1 Downlink



Middle Frequency: 771.5MHz, Input occupied BW

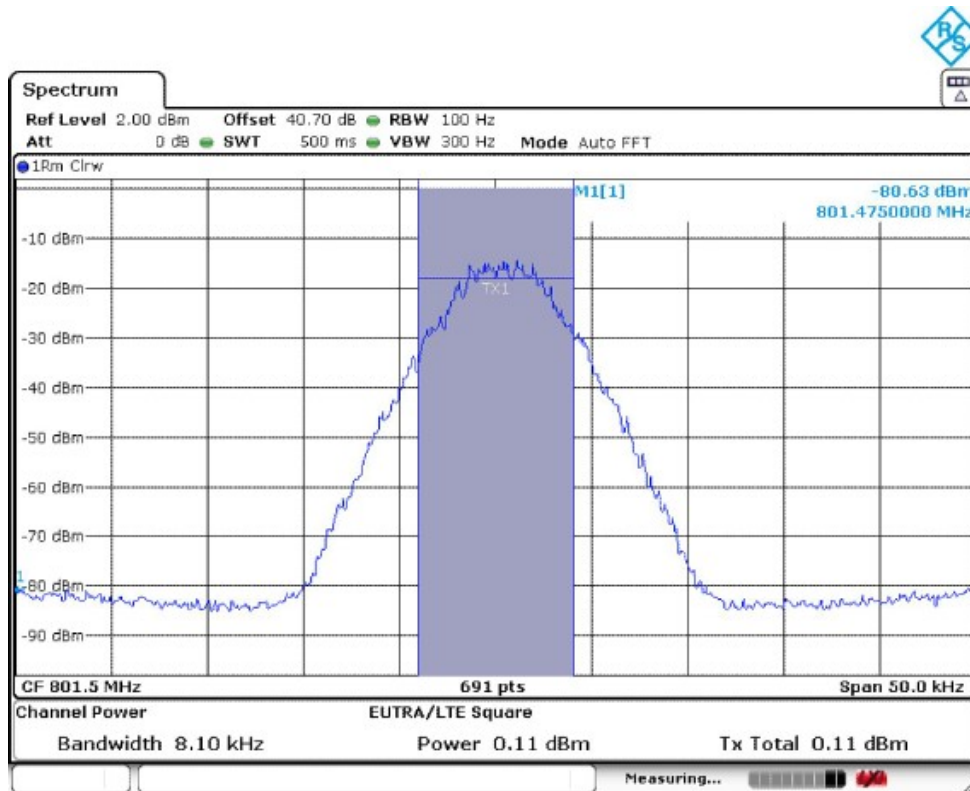


Middle Frequency: 771.5MHz, Output occupied BW(AGC)

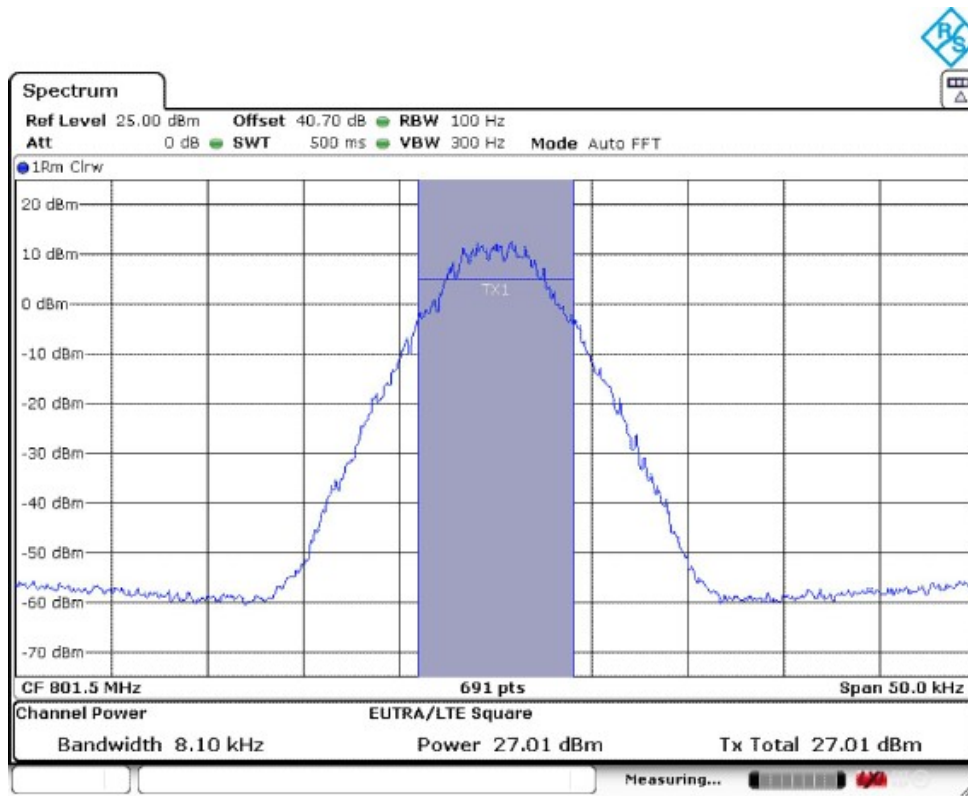


Middle Frequency: 771.5MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

10.5.5.3.1.3.2 Uplink

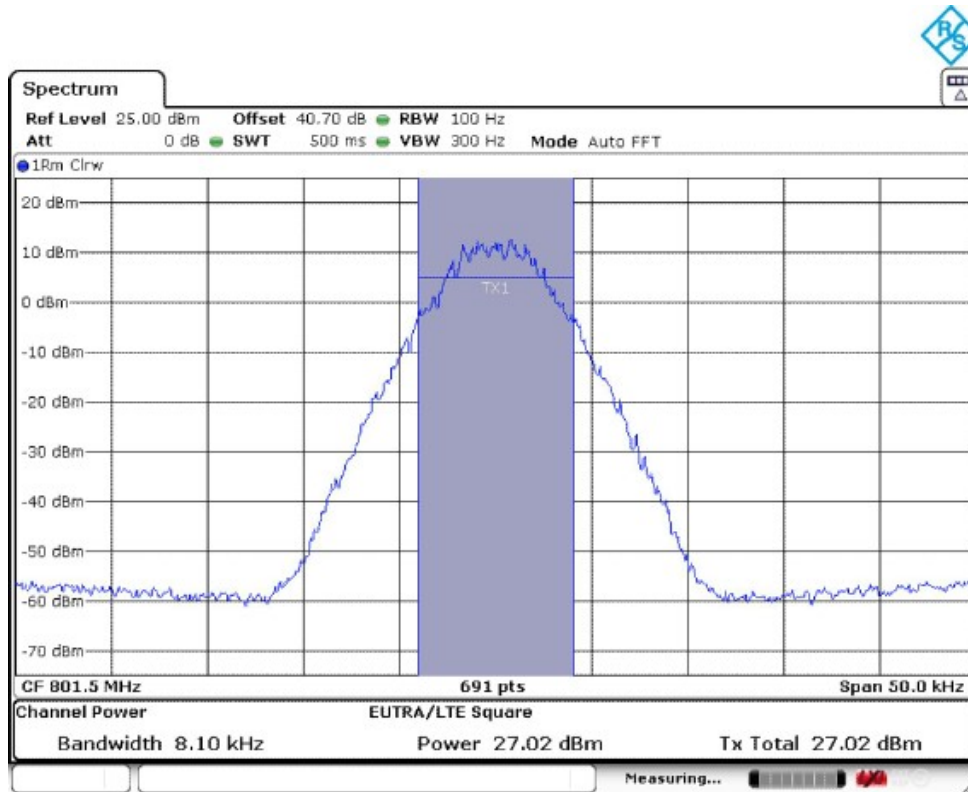


Middle Frequency: 801.5MHz MHz, Input occupied BW



Date: 21.DEC.2022 15:19:58

Middle Frequency: 801.5MHz, Output occupied BW(AGC)

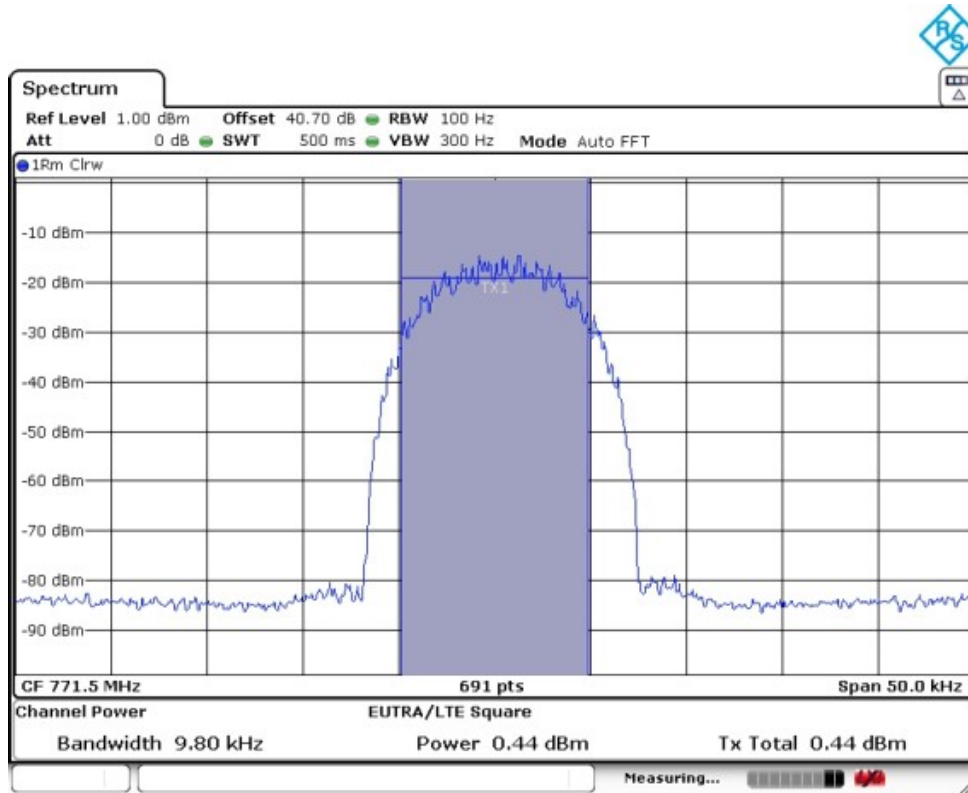


Date: 21.DEC.2022 15:20:14

Middle Frequency: 801.5MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

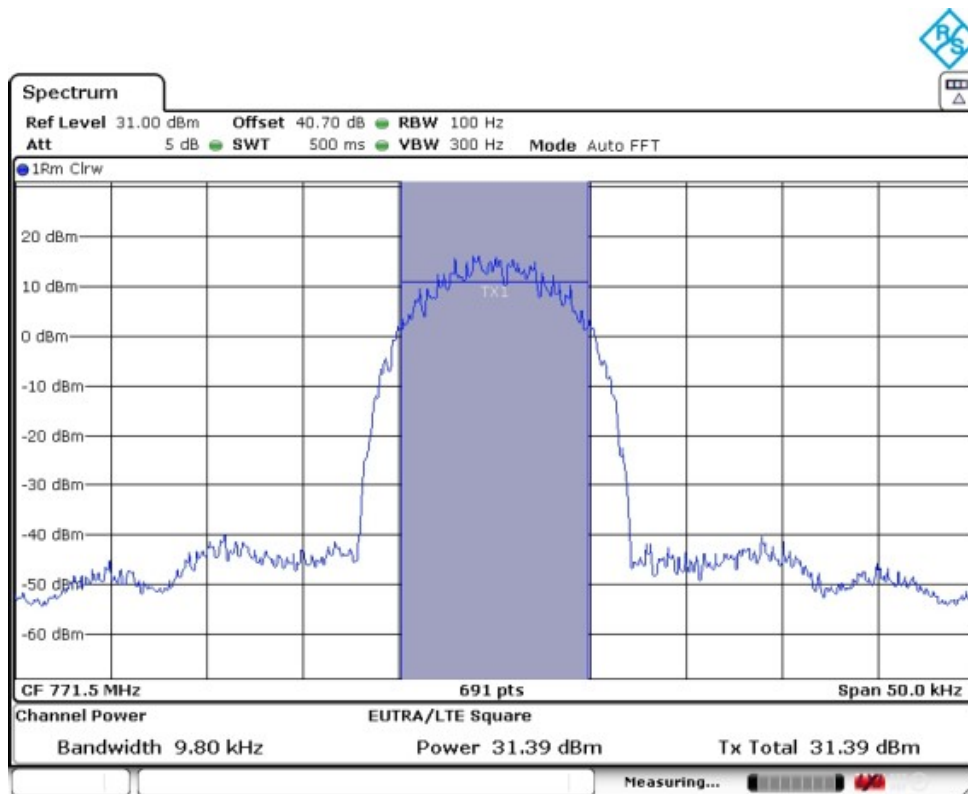
10.5.5.3.1.4 P25 Phase II(H-DQPSK)

10.5.5.3.1.4.1 Downlink



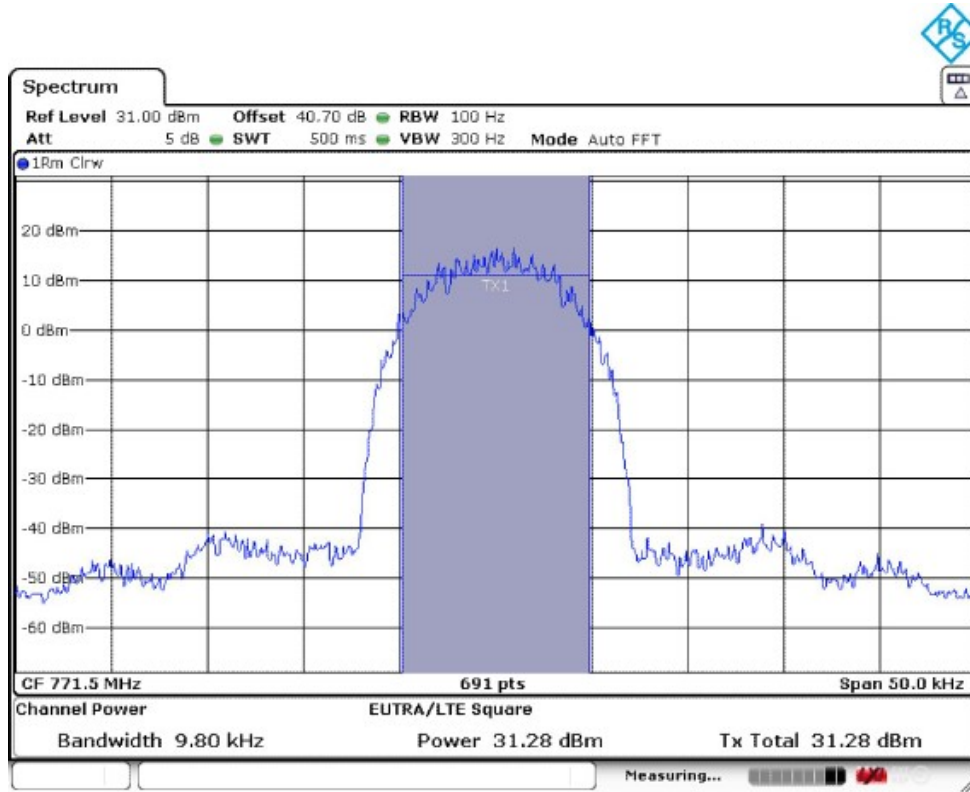
Date: 20 DEC. 2022 12:08:46

Middle Frequency: 771.5MHz, Input occupied BW



Date: 22 DEC. 2022 10:43:29

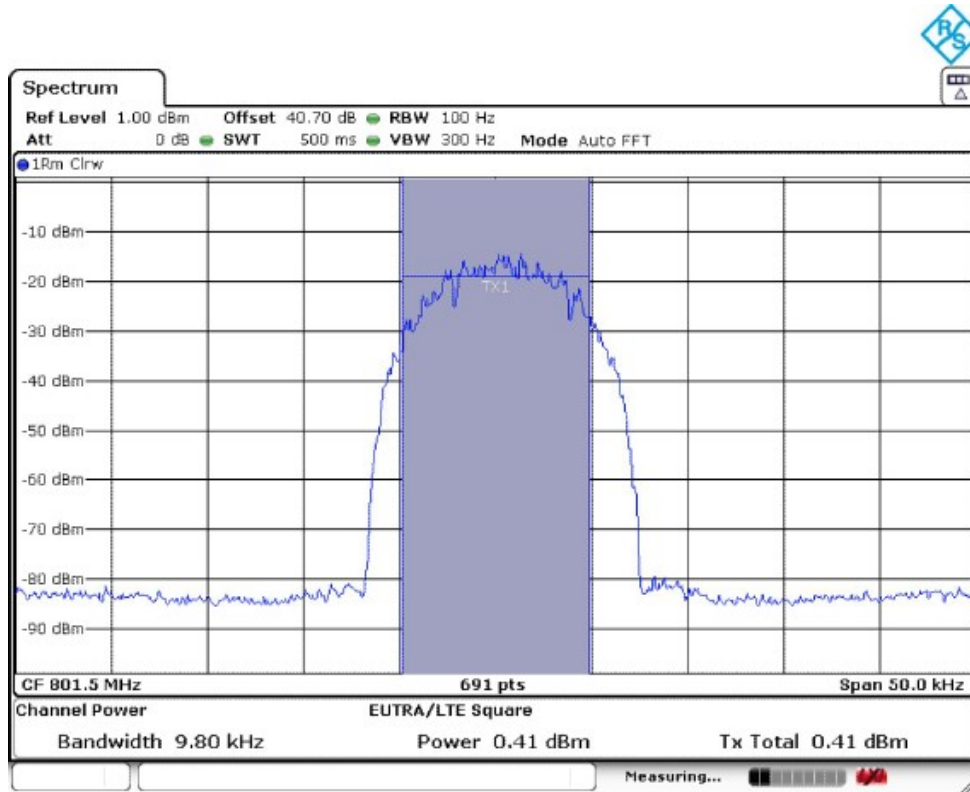
Middle Frequency: 771.5MHz, Output occupied BW(AGC)



Date: 22. DEC. 2022 10:43:46

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

10.5.5.3.1.4.2 Uplink



Date: 20. DEC. 2022 12:09:56

Middle Frequency: 801.5MHz MHz, Input occupied BW