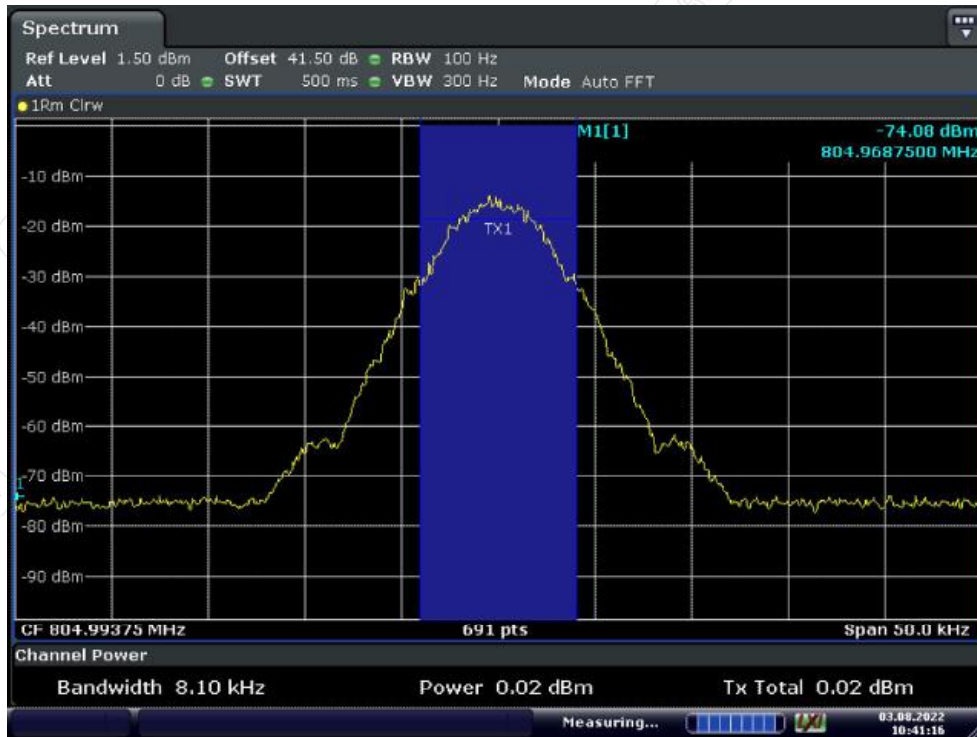


Date: 3.AUG.2022 10:40:58

Middle Frequency: 801.5MHz

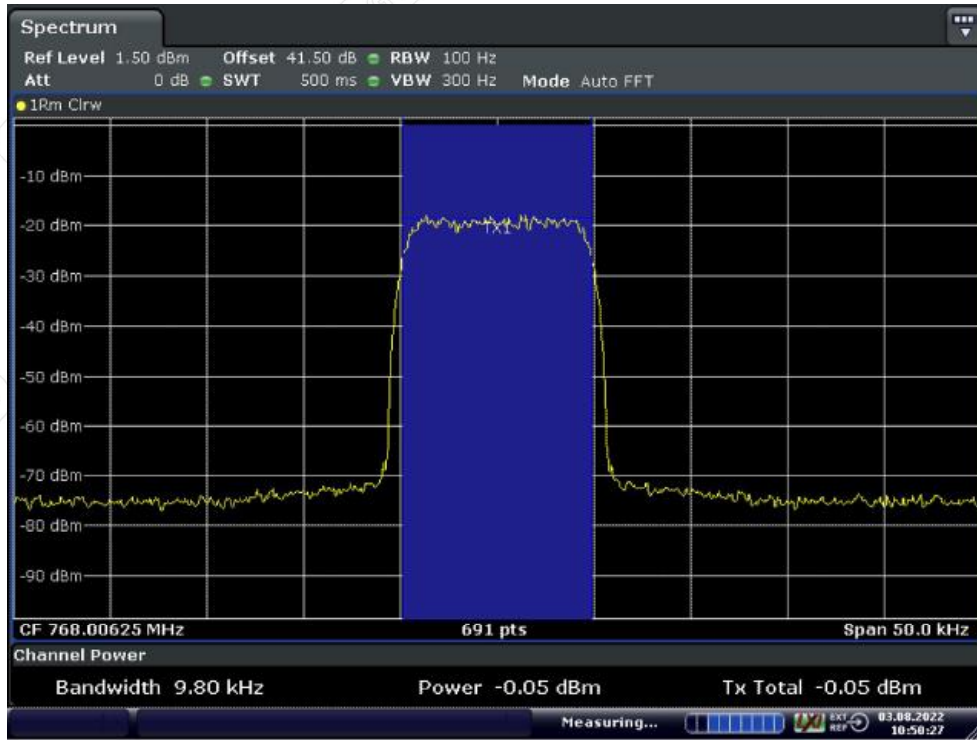


Date: 3.AUG.2022 10:41:16

High Frequency: 804.99375MHz

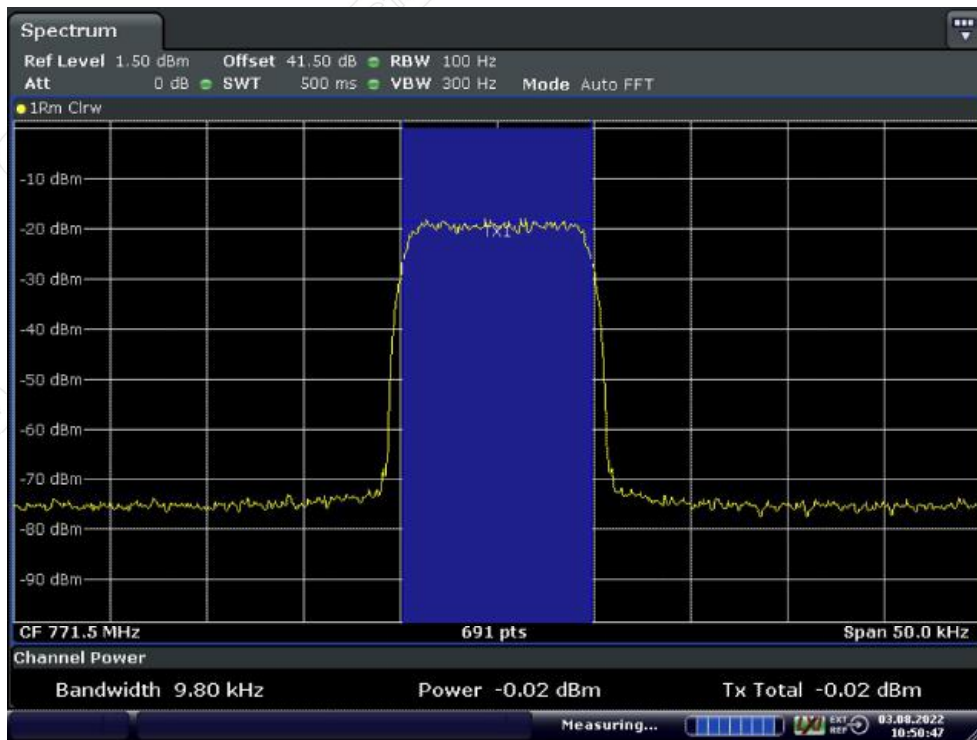
12.12.1.1.4. P25 Phase II(H-DQPSK)

12.12.1.1.4.1. Downlink



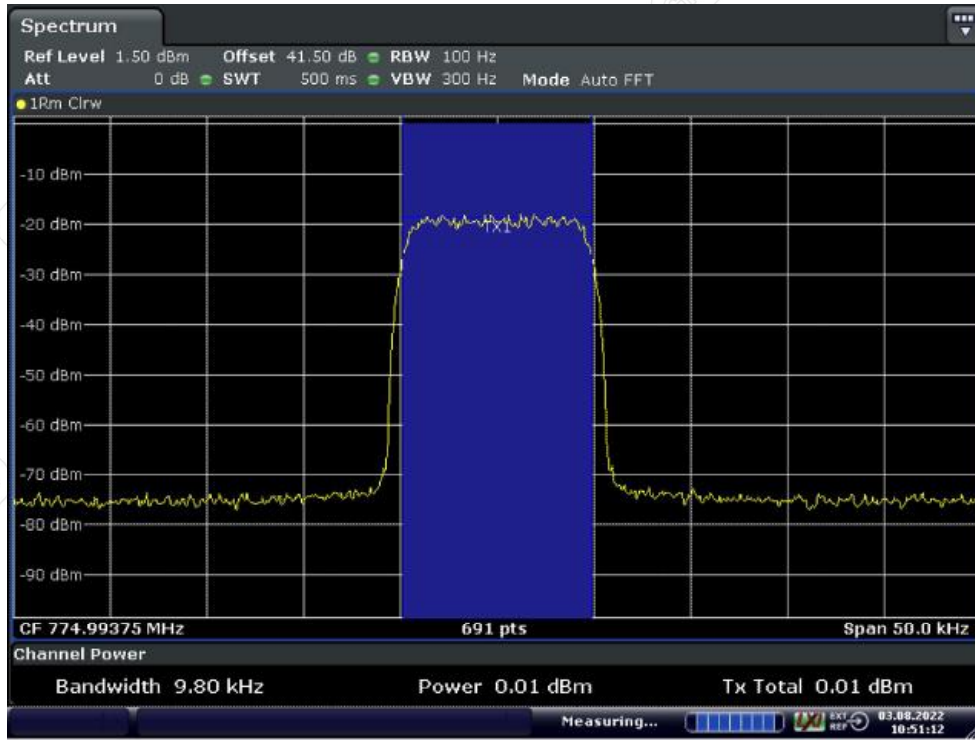
Date: 3.AUG.2022 10:50:27

Low Frequency: 768.00625MHz



Date: 3.AUG.2022 10:50:47

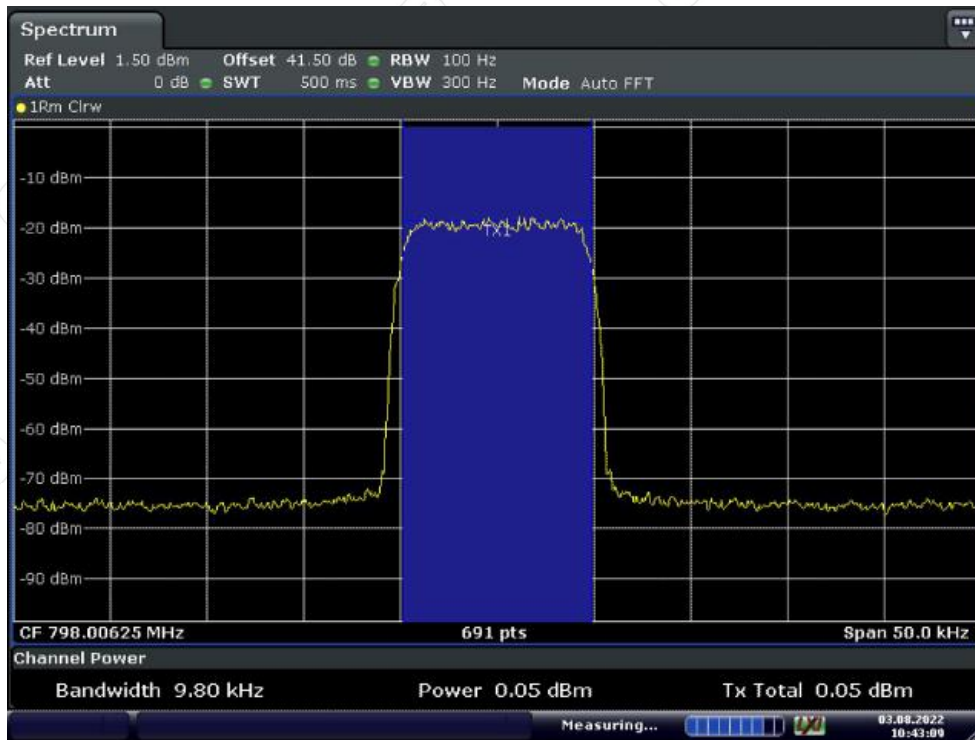
Middle Frequency: 771.5MHz



Date: 3.AUG.2022 10:51:12

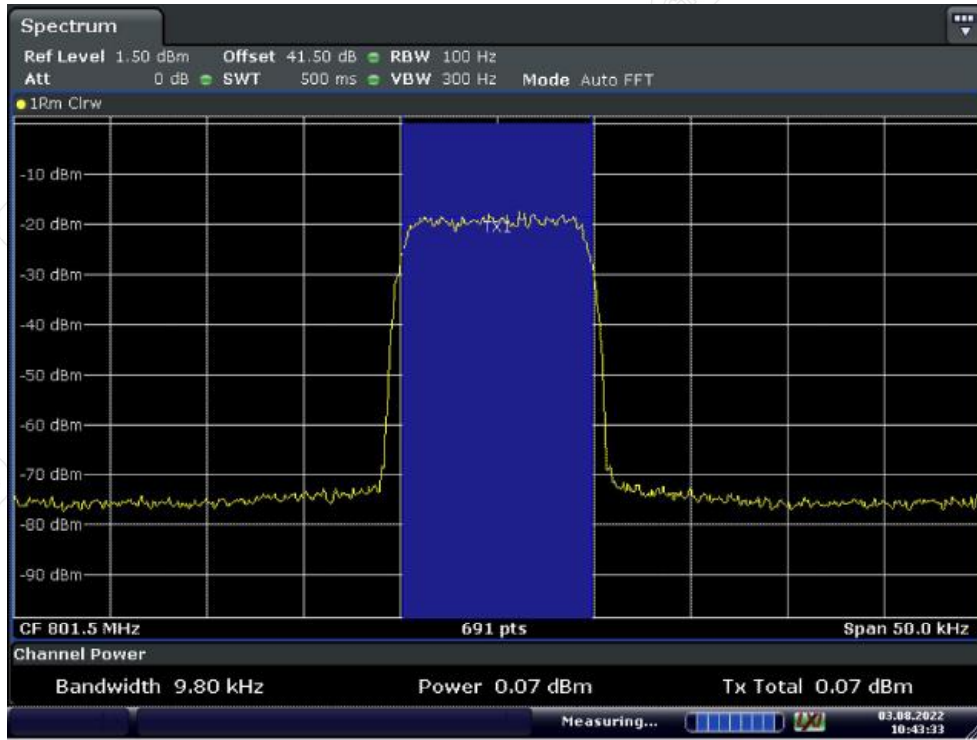
High Frequency: 774.99375MHz

#### 12.12.1.1.4.2. Uplink



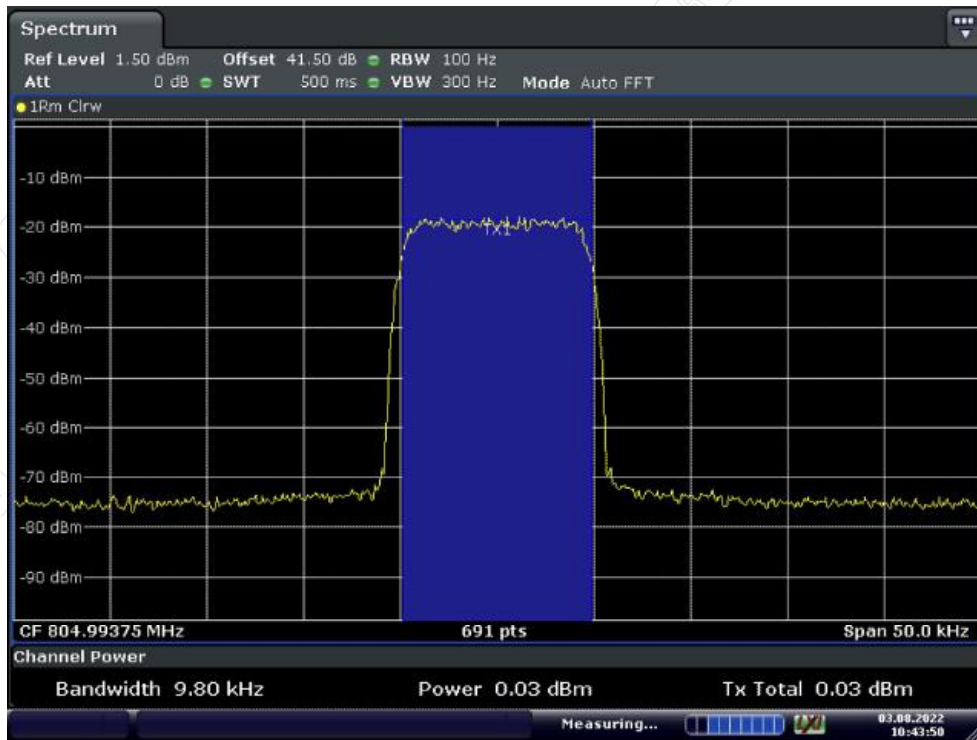
Date: 3.AUG.2022 10:43:10

Low Frequency: 798.00625MHz



Date: 3.AUG.2022 10:43:33

Middle Frequency: 801.5MHz

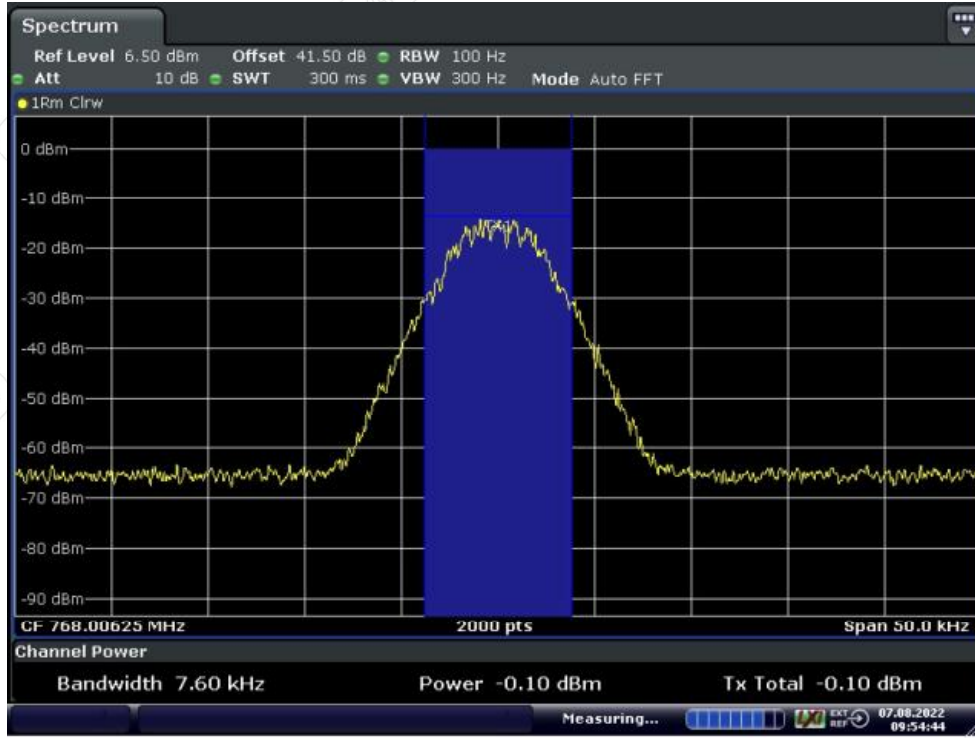


Date: 3.AUG.2022 10:43:51

High Frequency: 804.99375MHz

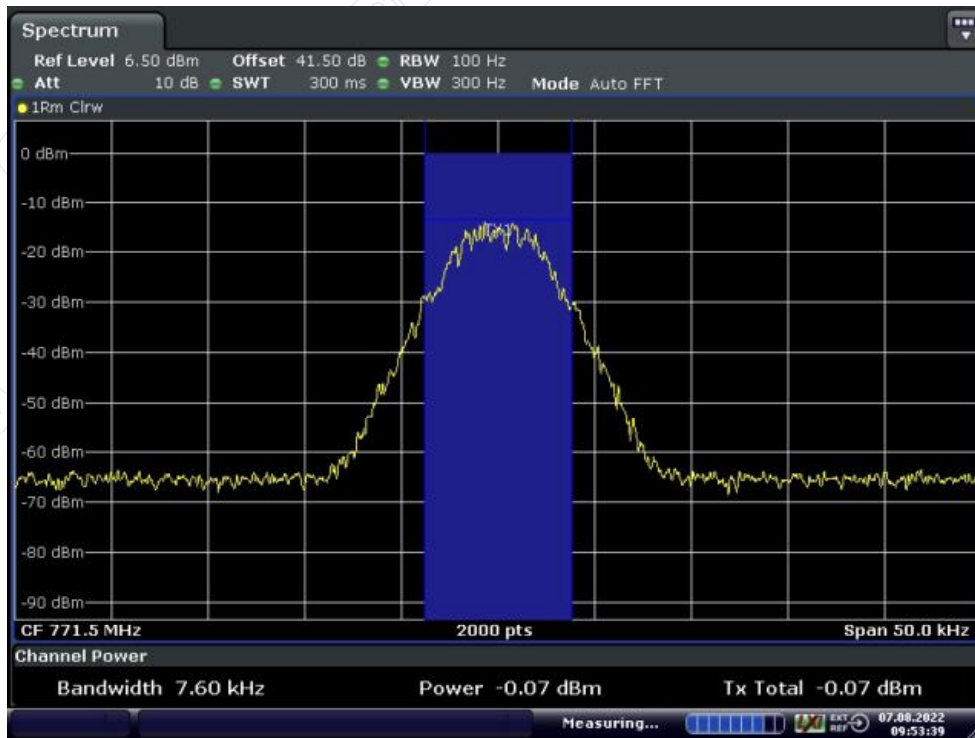


12.12.1.1.5. DMR  
12.12.1.1.5.1. Downlink



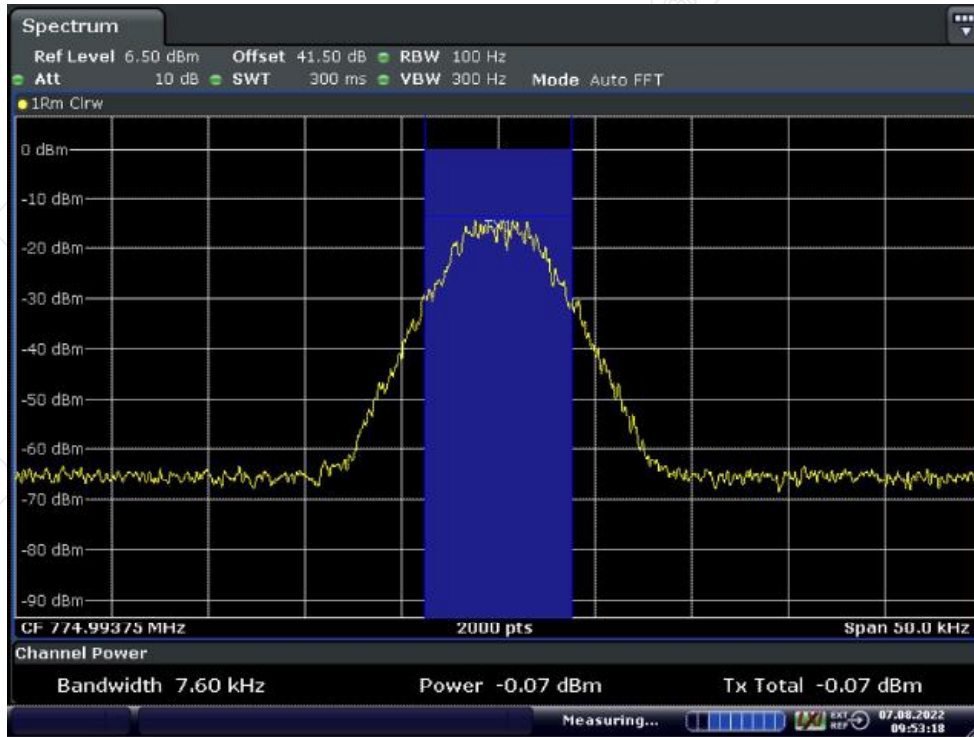
Date: 7.AUG.2022 09:54:45

Low Frequency: 768.00625MHz



Date: 7.AUG.2022 09:53:40

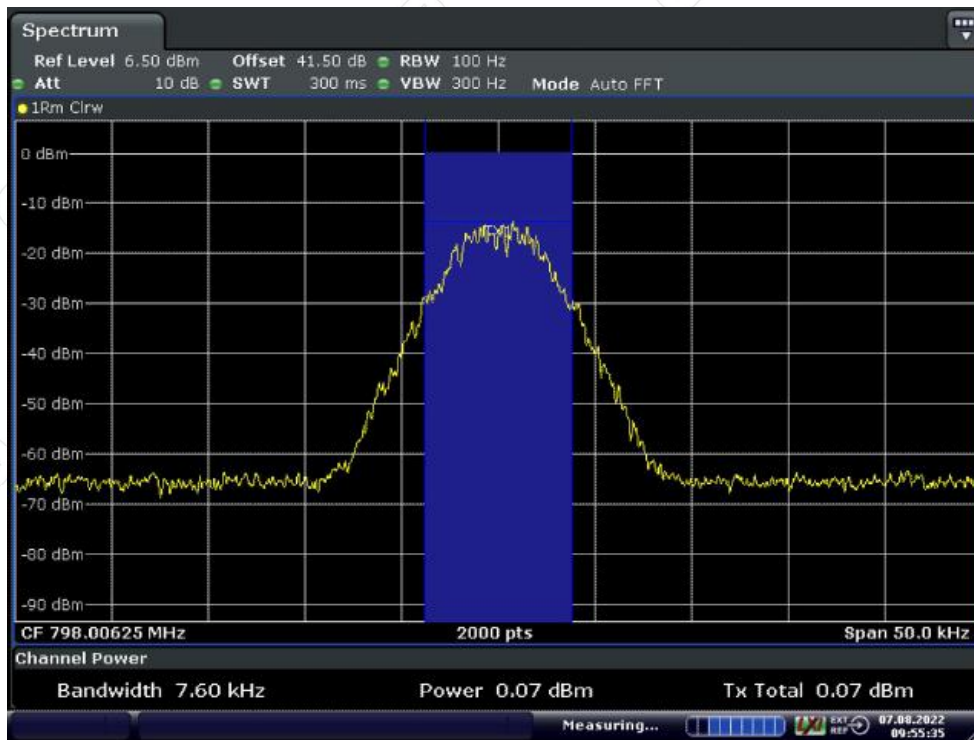
Middle Frequency: 771.5MHz



Date: 7.AUG.2022 09:53:18

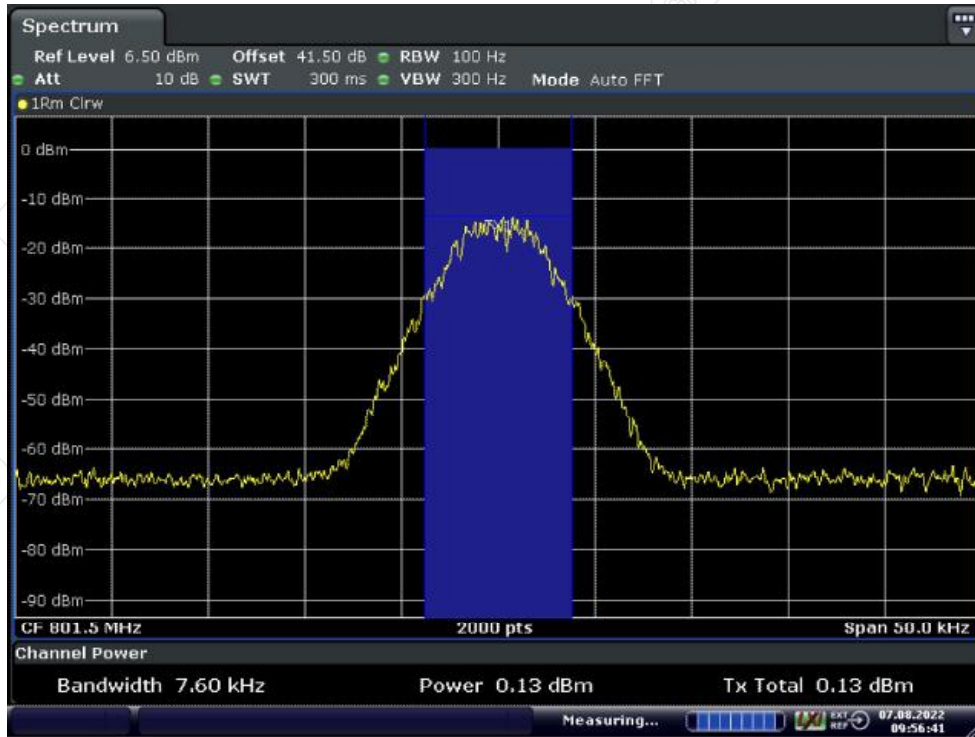
High Frequency: 774.99375MHz

12.12.1.1.5.2. Uplink



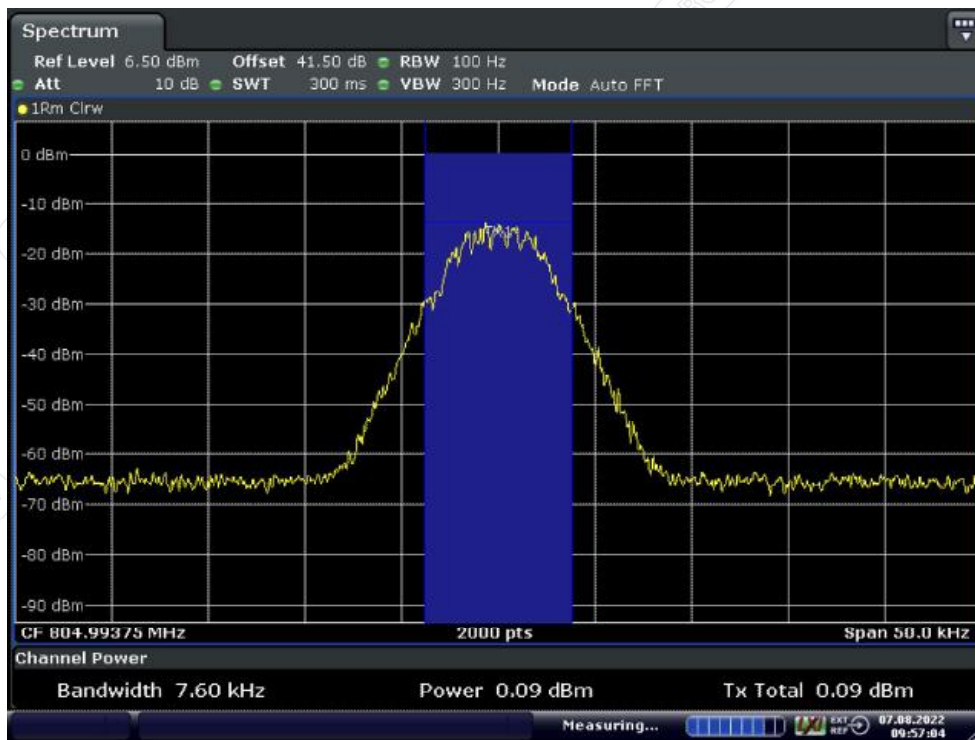
Date: 7.AUG.2022 09:55:35

Low Frequency: 798.00625MHz



Date: 7.AUG.2022 09:56:41

Middle Frequency: 801.5MHz

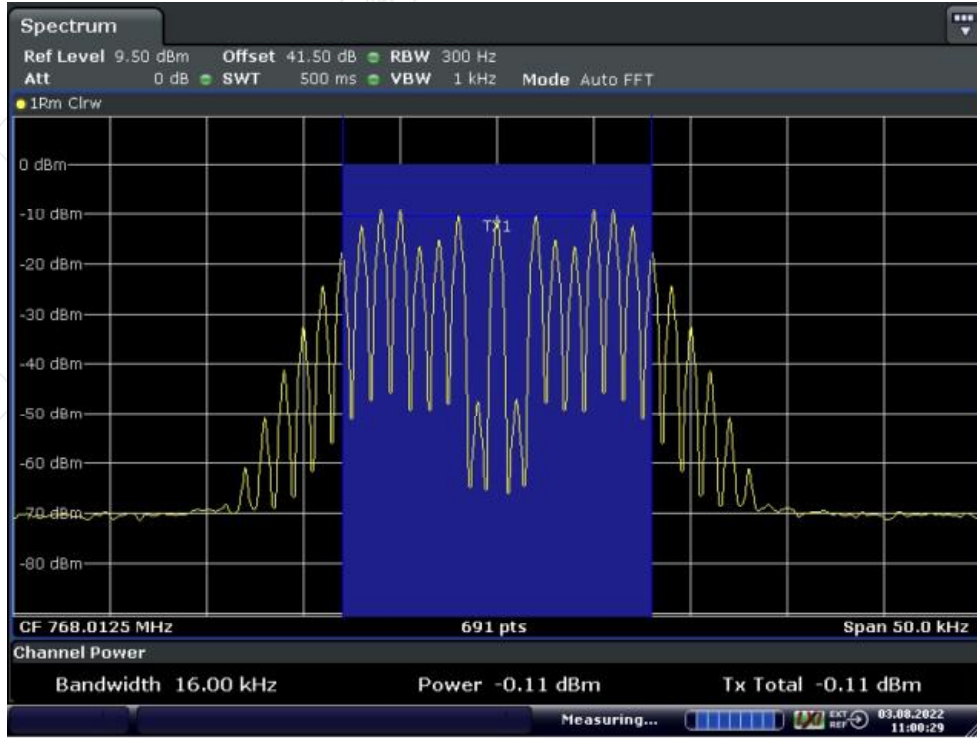


Date: 7.AUG.2022 09:57:05

High Frequency: 804.99375MHz

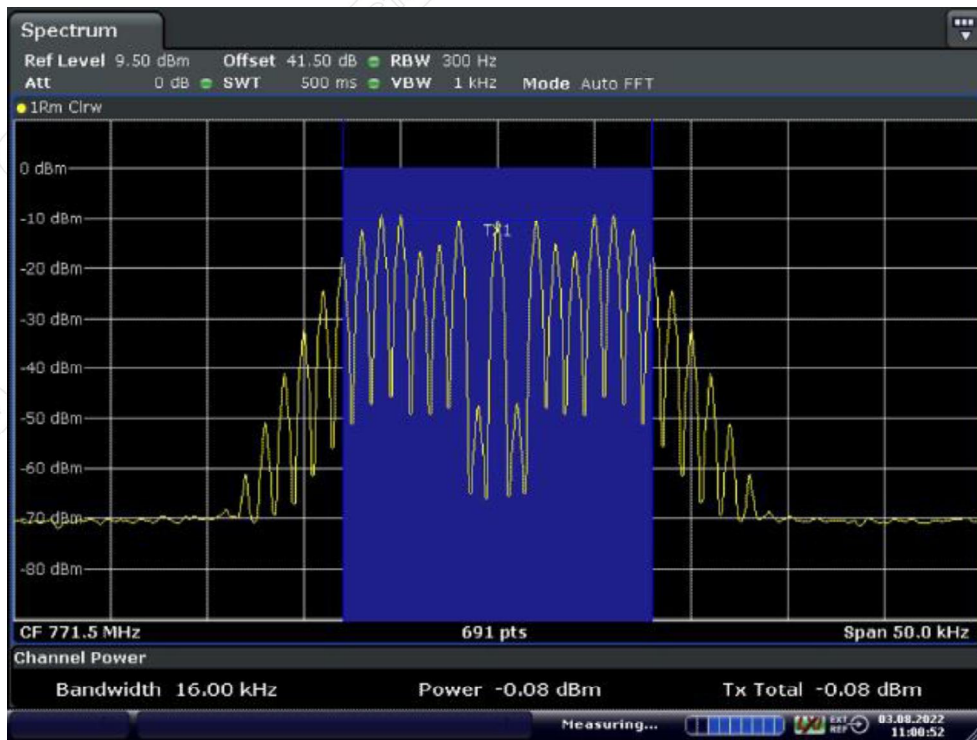
12.12.1.1.6. Analog FM

12.12.1.1.6.1. Downlink



Date: 3.AUG.2022 11:00:29

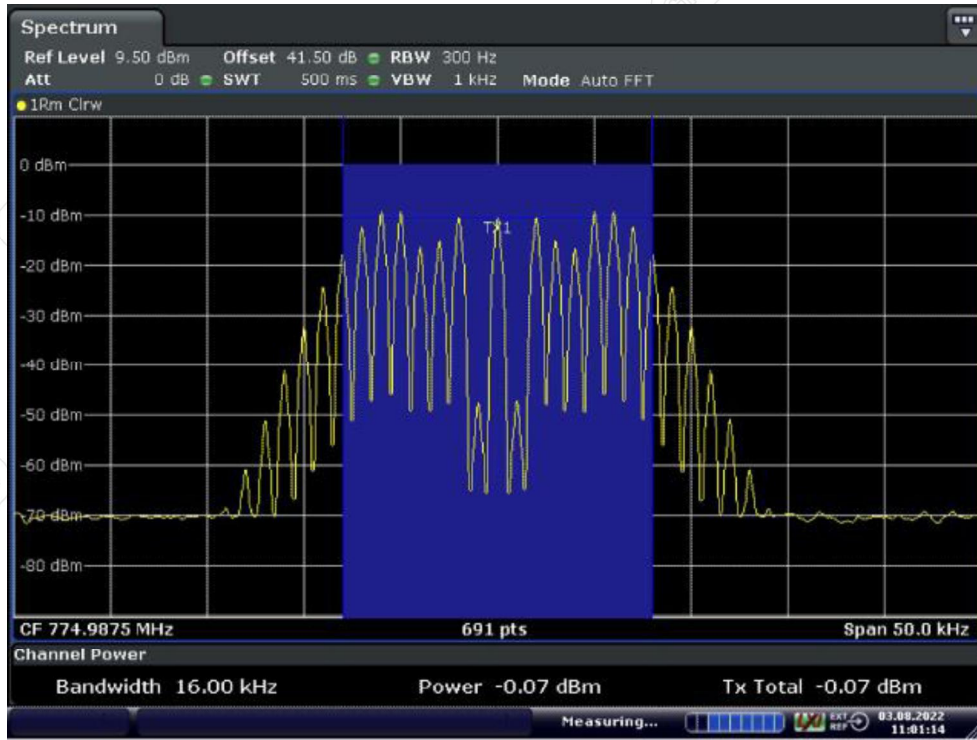
Low Frequency: 768.0125MHz



Date: 3.AUG.2022 11:00:52

Middle Frequency: 771.5MHz

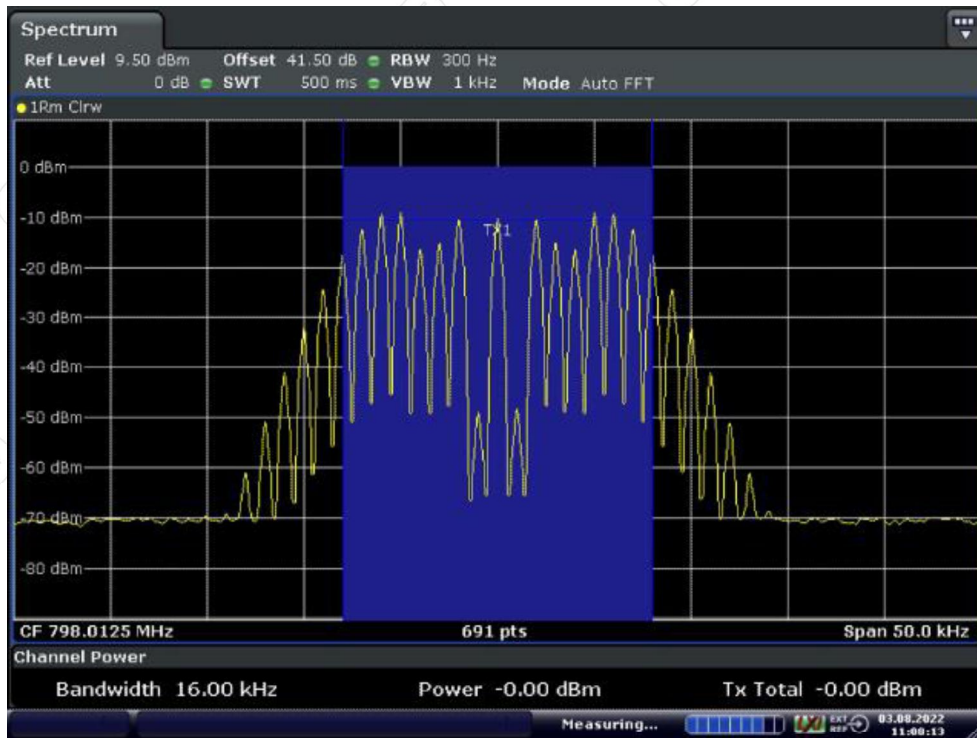




Date: 3.AUG.2022 11:01:15

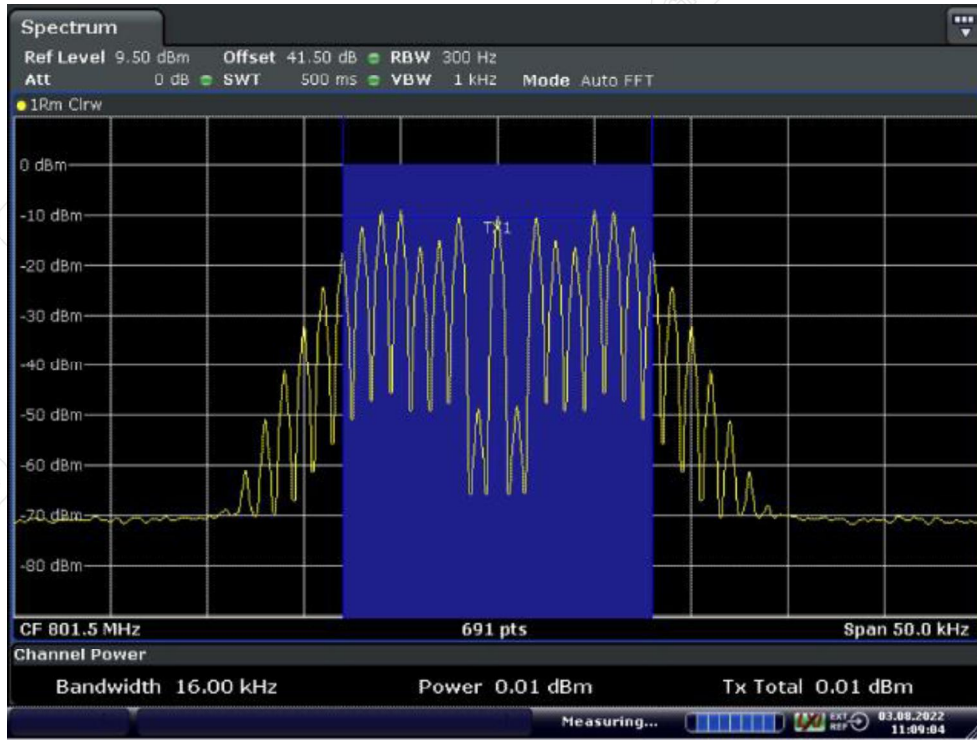
High Frequency: 774.9875MHz

12.12.1.1.6.2. Uplink



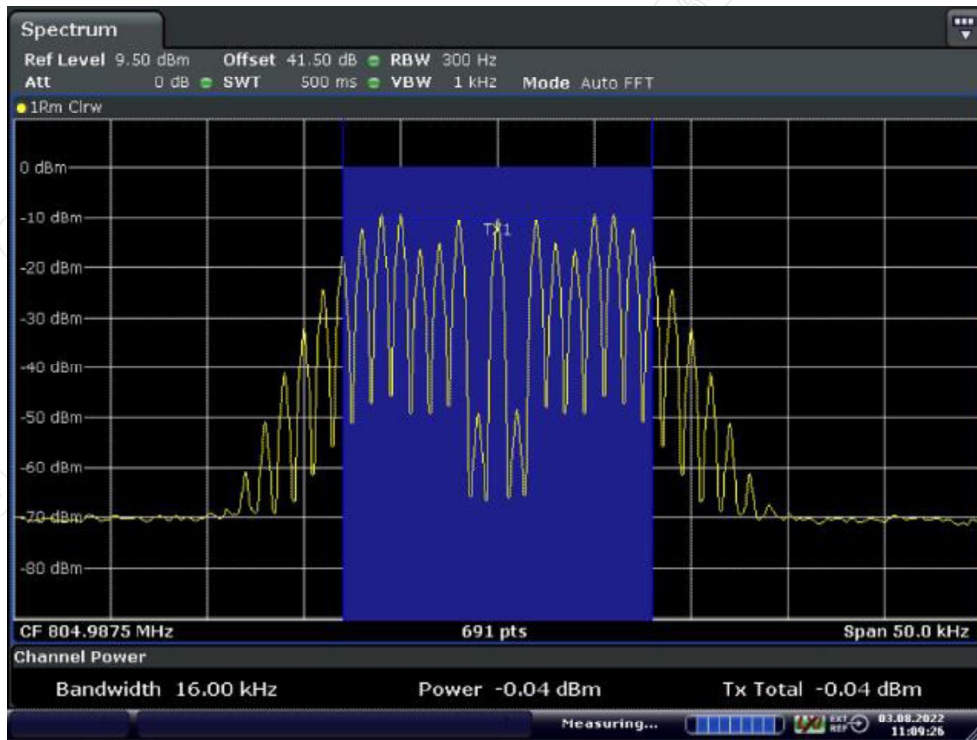
Date: 3.AUG.2022 11:00:13

Low Frequency: 798.0125MHz



Date: 3.AUG.2022 11:09:04

Middle Frequency: 801.5MHz

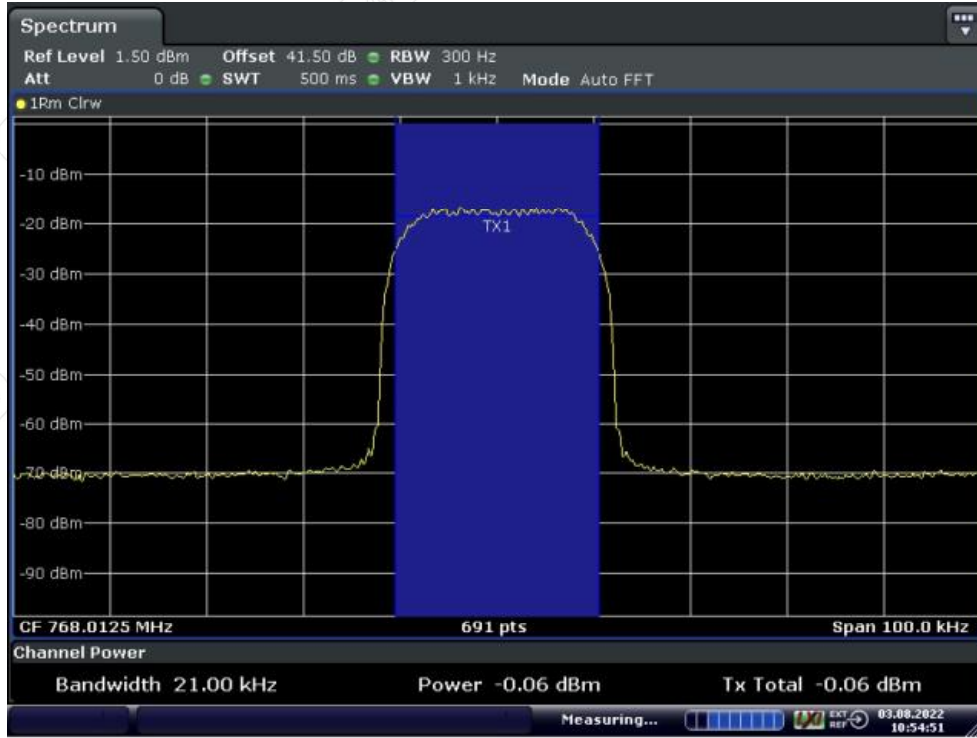


Date: 3.AUG.2022 11:09:26

High Frequency: 804.9875MHz

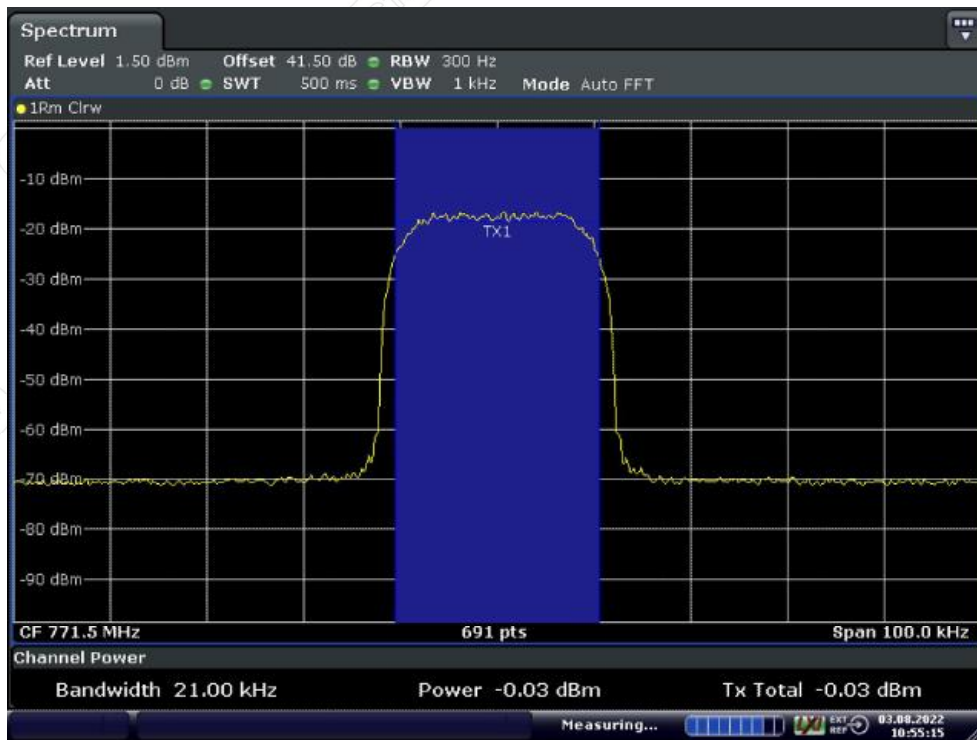
12.12.1.1.7. Tetra

12.12.1.1.7.1. Downlink



Date: 3.AUG.2022 10:54:51

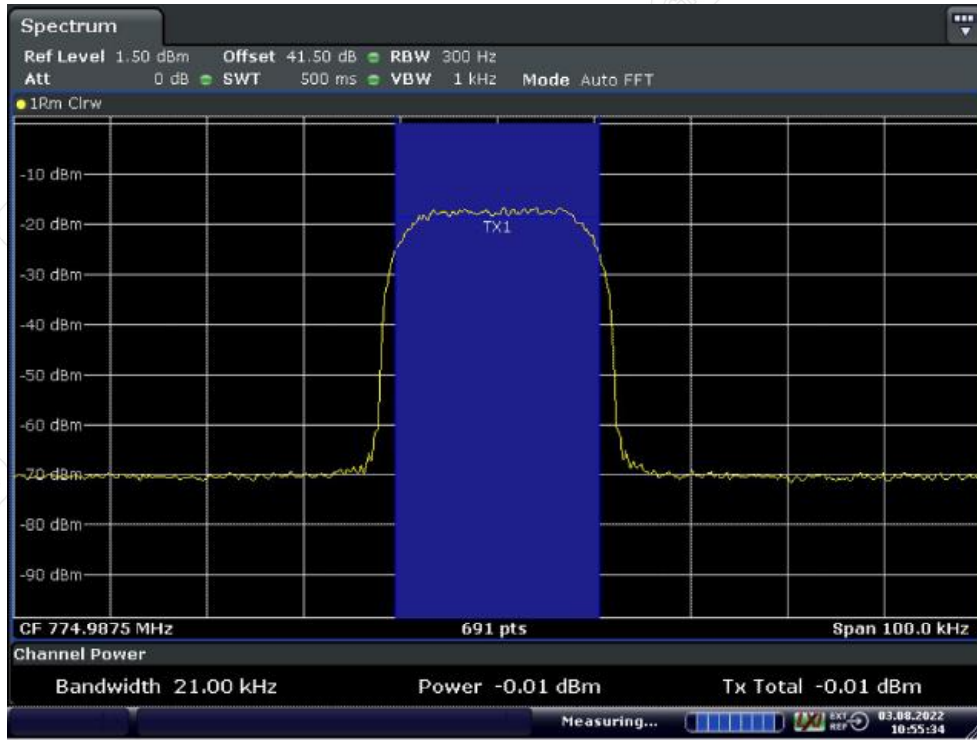
Low Frequency: 768.0125MHz



Date: 3.AUG.2022 10:55:15

Middle Frequency: 771.5MHz

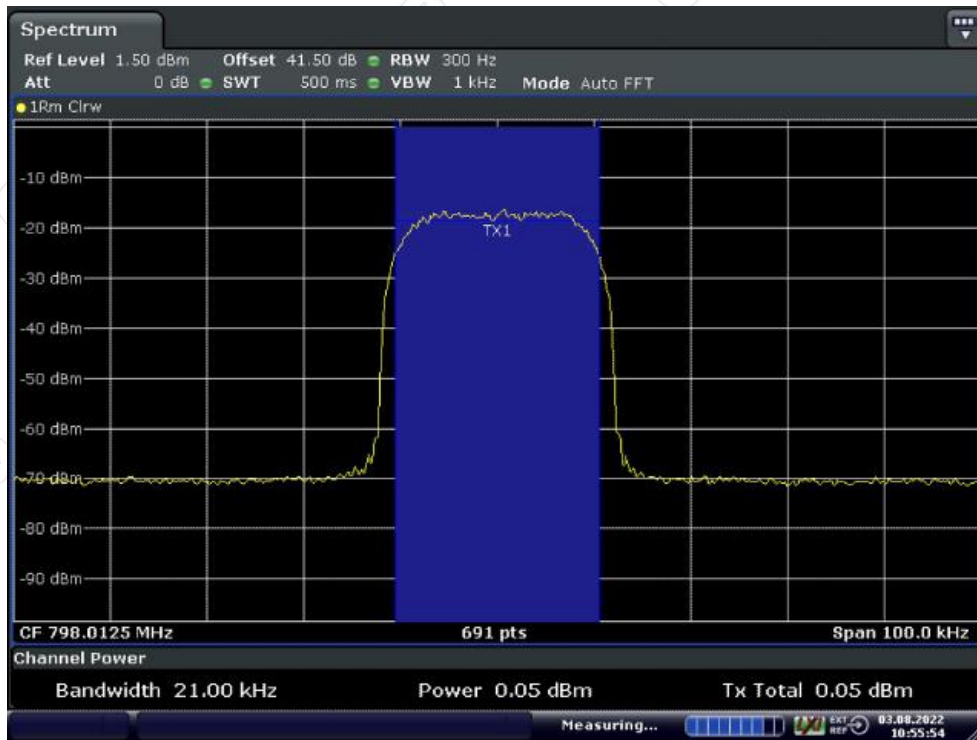




Date: 3.AUG.2022 10:55:34

High Frequency: 774.9875MHz

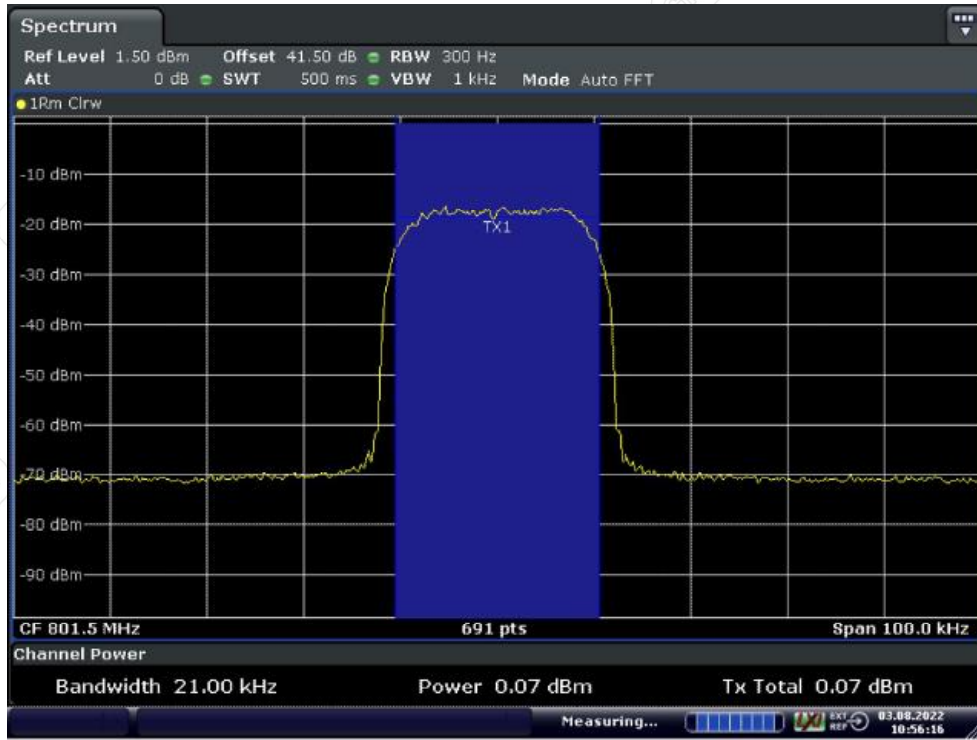
#### 12.12.1.1.7.2. Uplink



Date: 3.AUG.2022 10:55:54

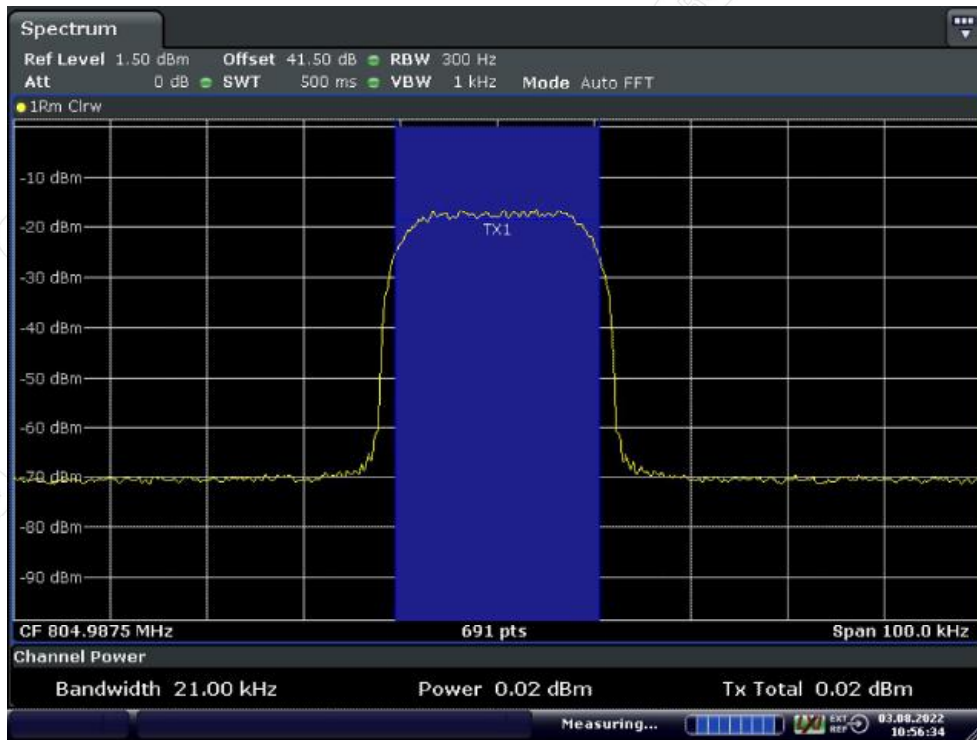
Low Frequency: 798.0125MHz





Date: 3.AUG.2022 10:56:16

Middle Frequency: 801.5MHz



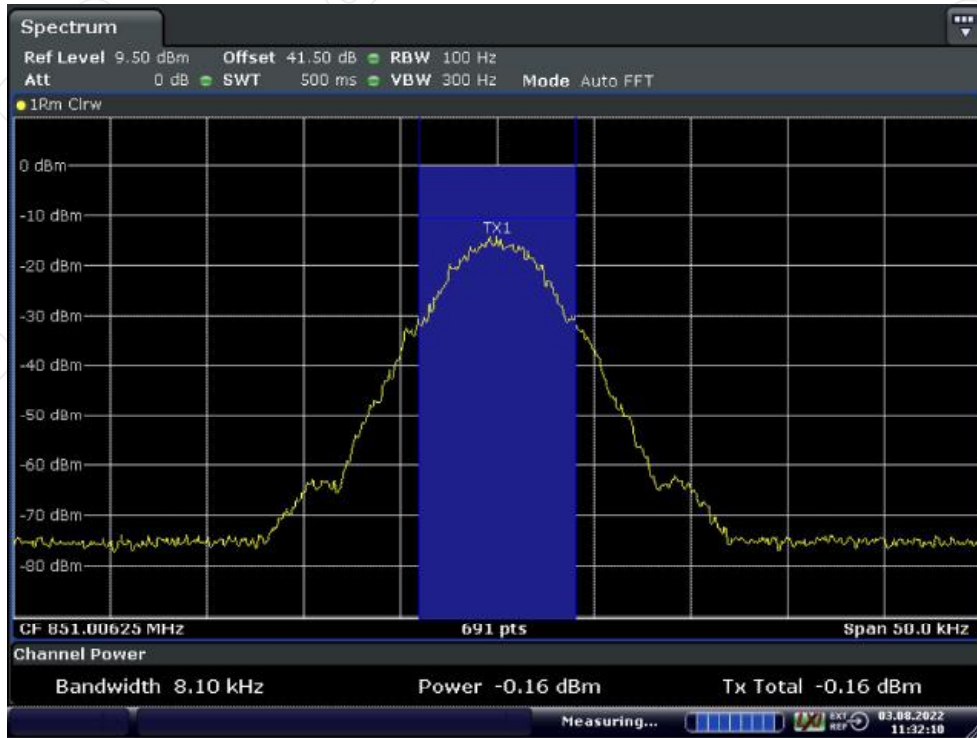
Date: 3.AUG.2022 10:56:34

High Frequency: 804.9875MHz

12.12.1.2. 800MHz Band (Downlink: 851MHz ~861MHz, Uplink: 806MHz ~ 816MHz)

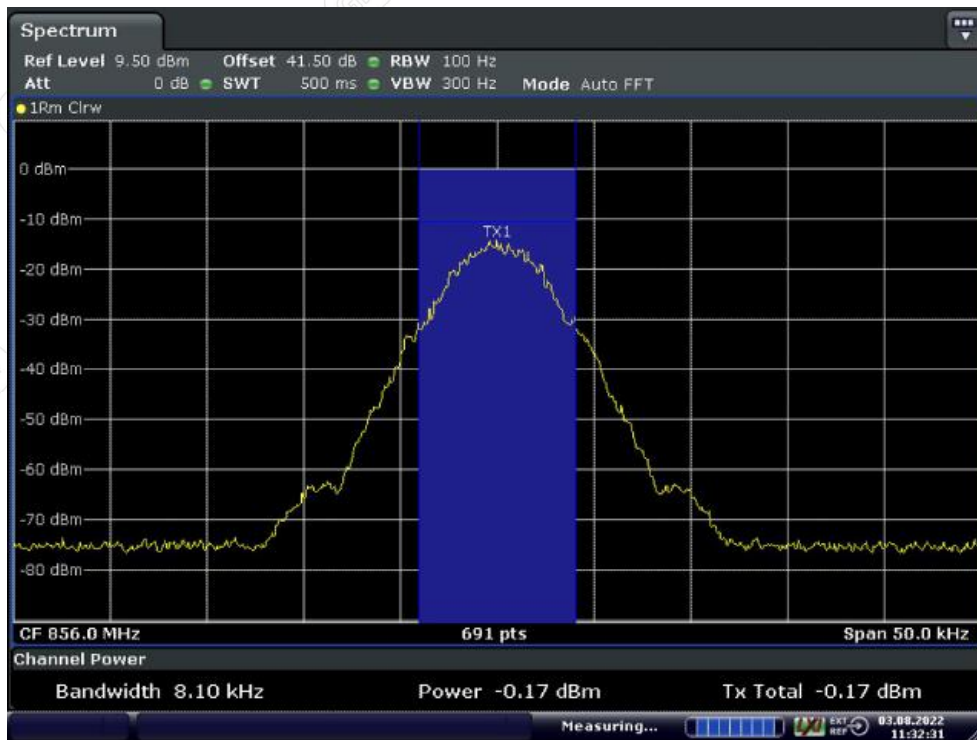
12.12.1.2.1. P25 phase I (C4FM)

12.12.1.2.1.1. Downlink



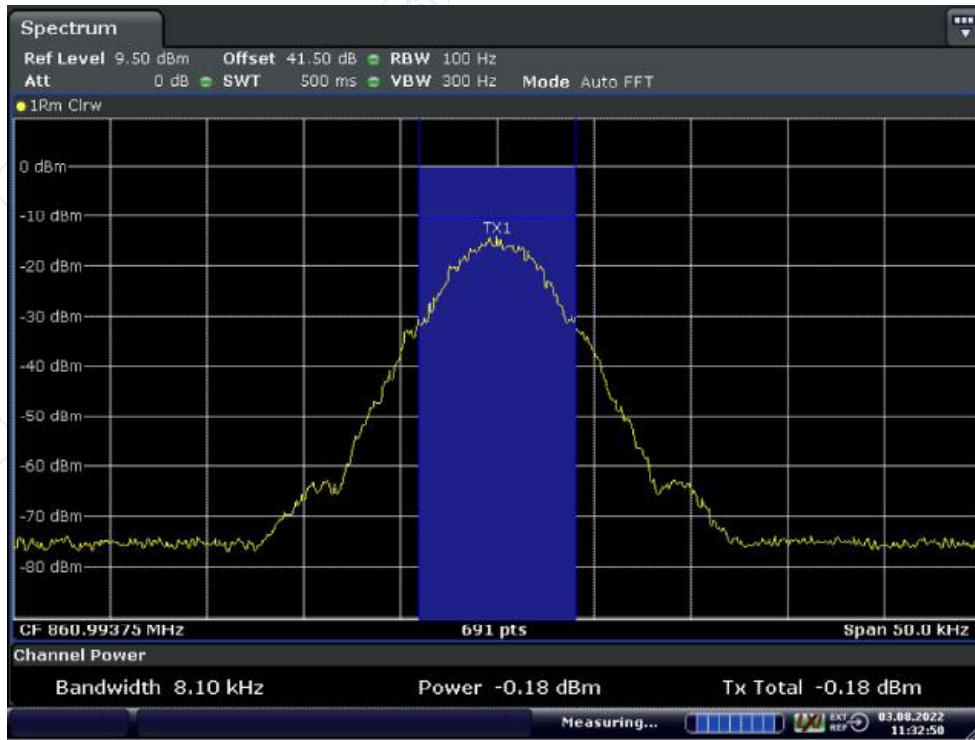
Date: 3.AUG.2022 11:32:10

Low Frequency: 851.00625MHz



Date: 3.AUG.2022 11:32:31

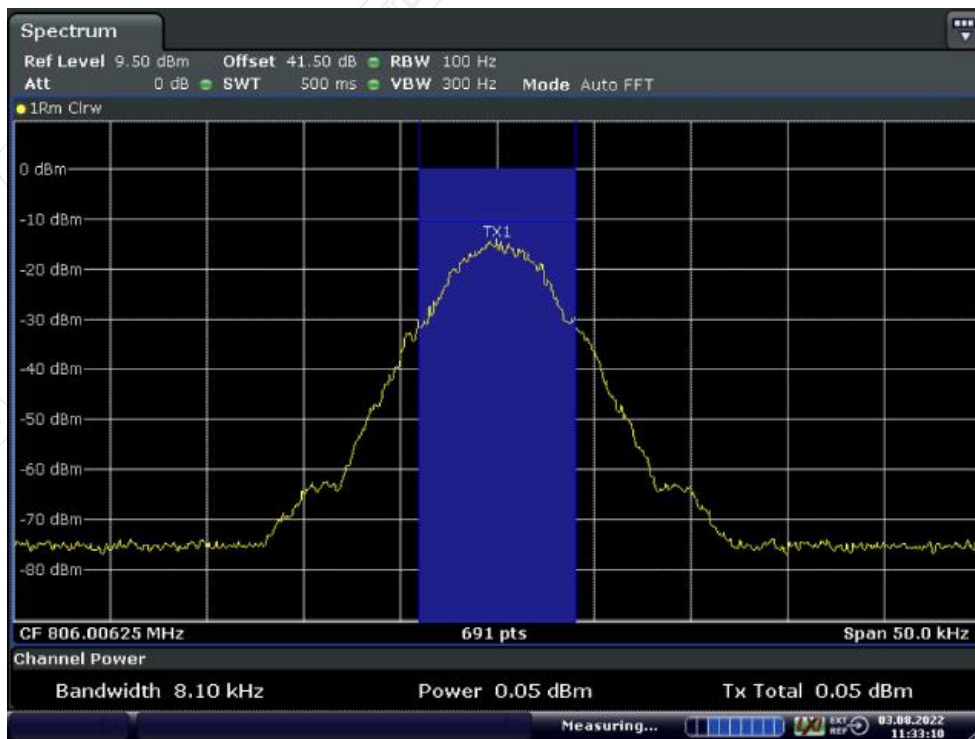
Middle Frequency: 856.0MHz



Date: 3.AUG.2022 11:32:50

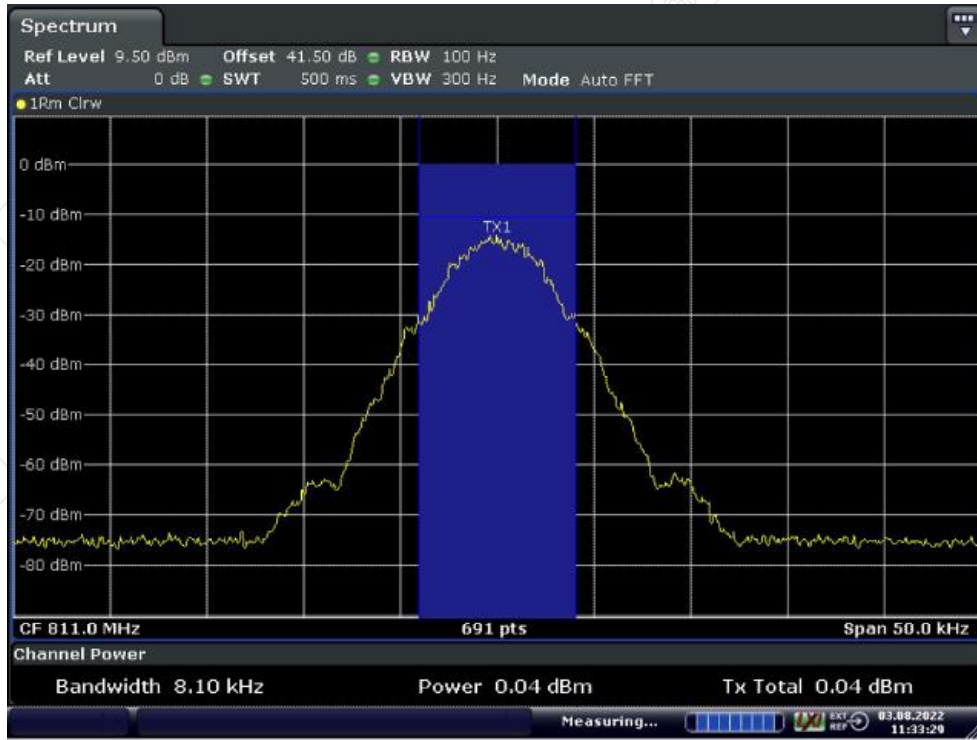
High Frequency: 860.99375MHz

12.12.1.2.1.2. Uplink



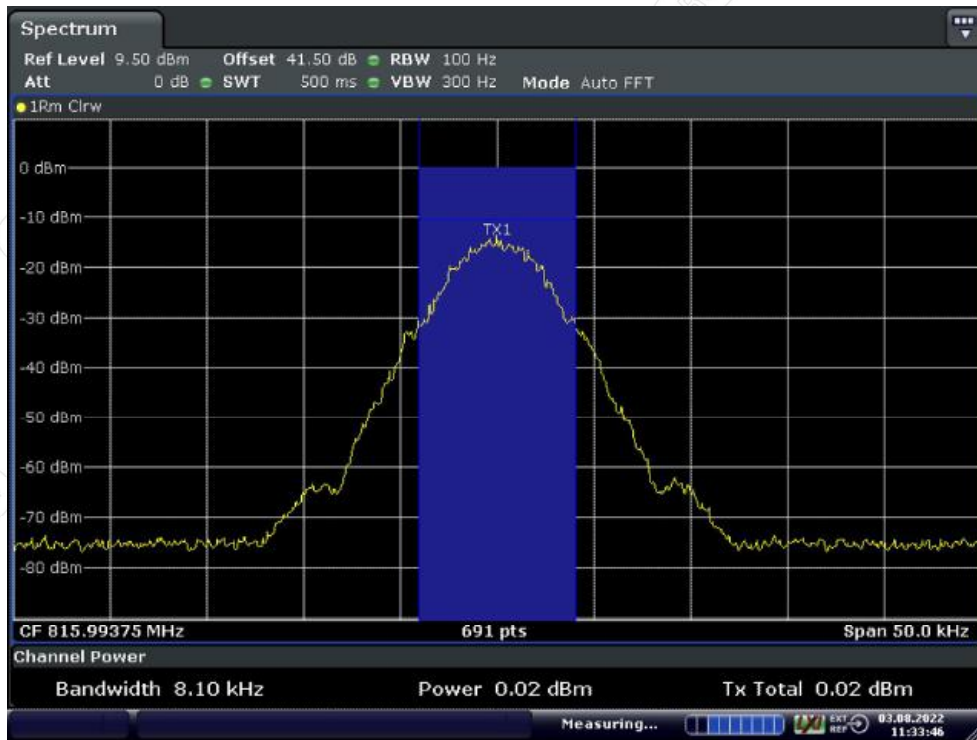
Date: 3.AUG.2022 11:33:10

Low Frequency: 806.00625MHz



Date: 3.AUG.2022 11:33:29

Middle Frequency: 811.0MHz



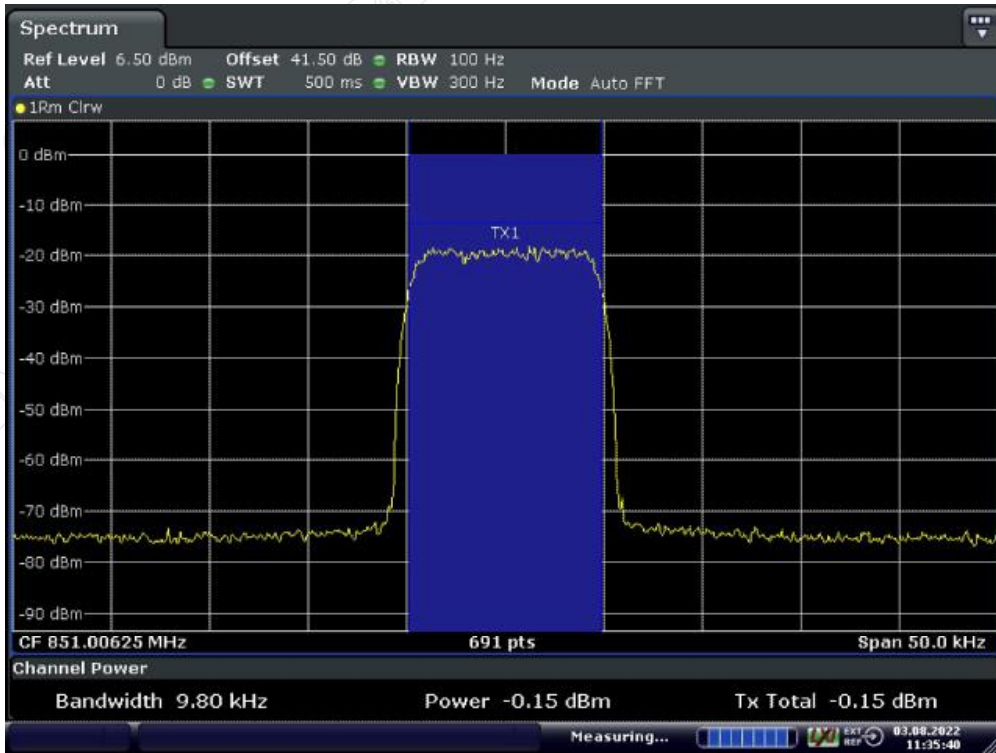
Date: 3.AUG.2022 11:33:46

High Frequency: 815.99375MHz



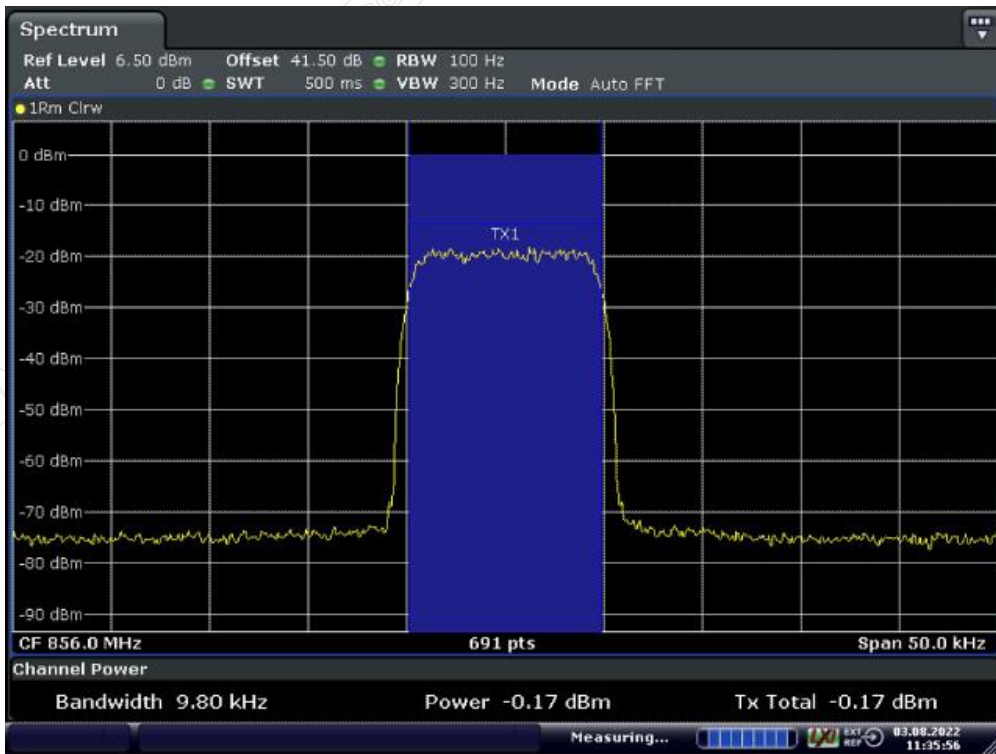
12.12.1.2.2. P25 phase II (H-DQPSK)

12.12.1.2.2.1. Downlink



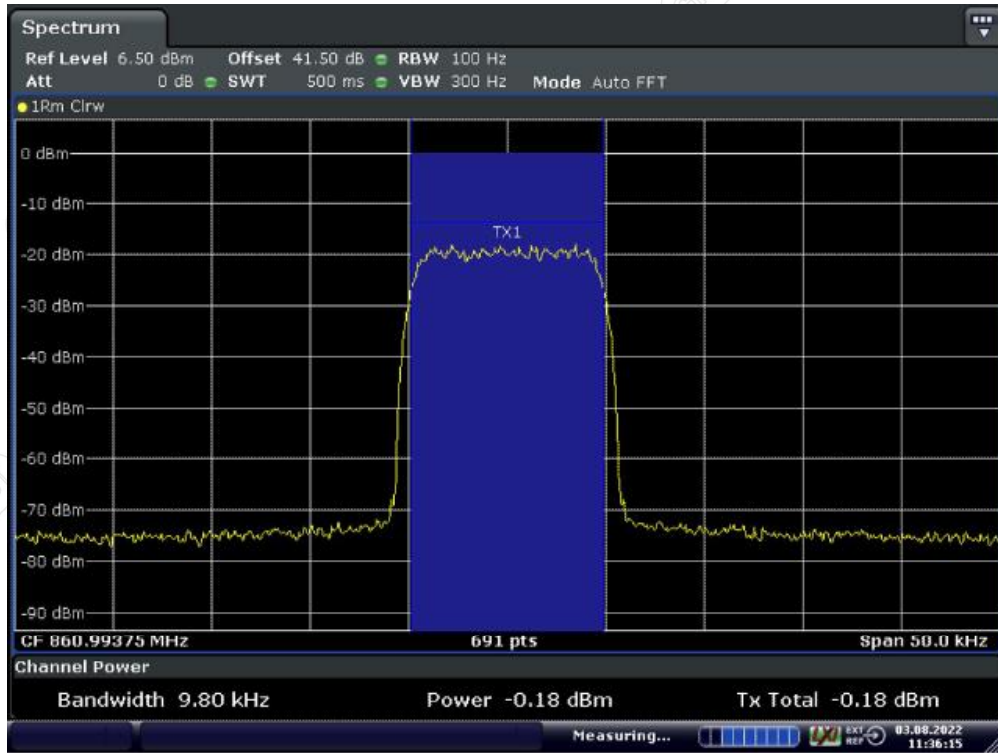
Date: 3.AUG.2022 11:35:40

Low Frequency: 851.00625MHz



Date: 3.AUG.2022 11:35:56

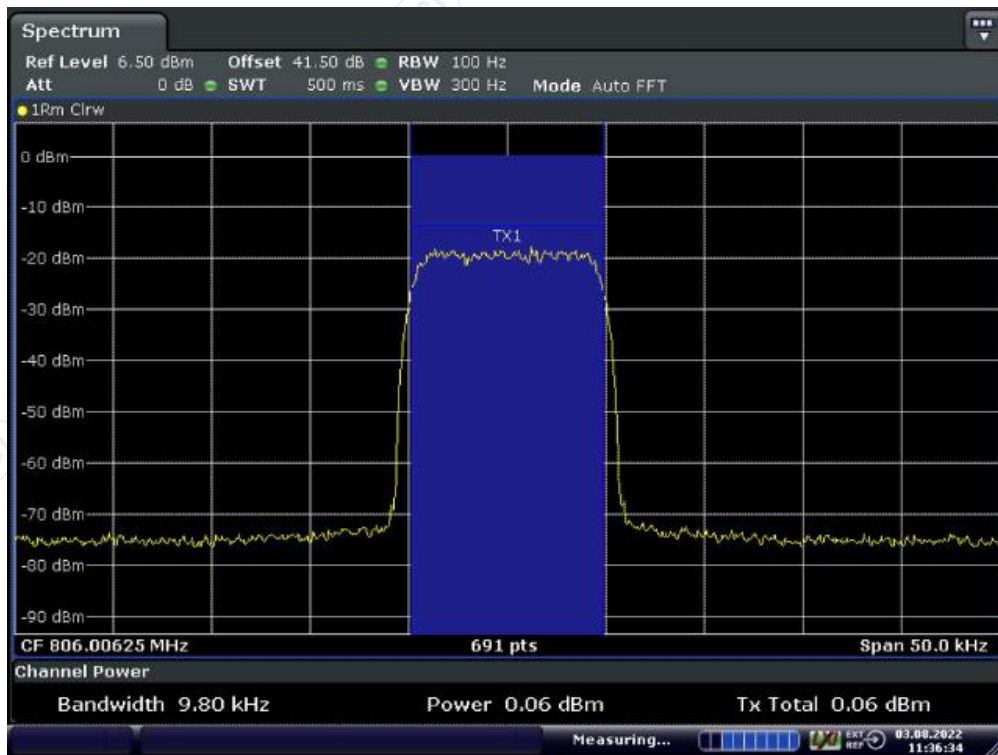
Middle Frequency: 856.0MHz



Date: 3.AUG.2022 11:36:15

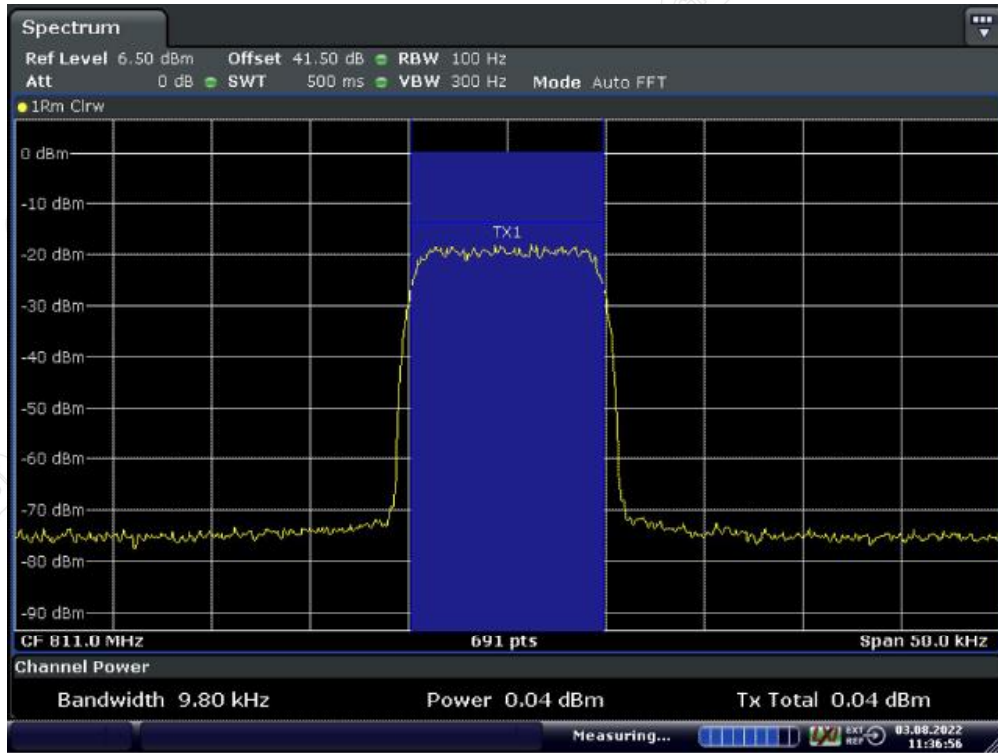
High Frequency: 860.99375MHz

#### 12.12.1.2.2. Uplink



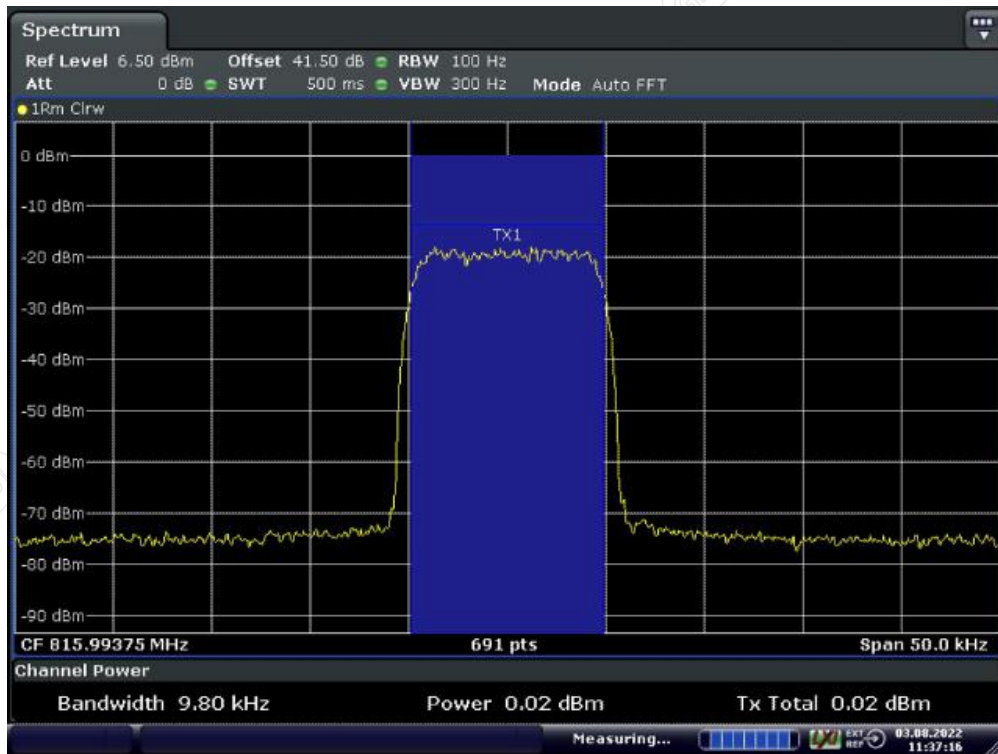
Date: 3.AUG.2022 11:36:34

Low Frequency: 806.00625MHz



Date: 3.AUG.2022 11:36:56

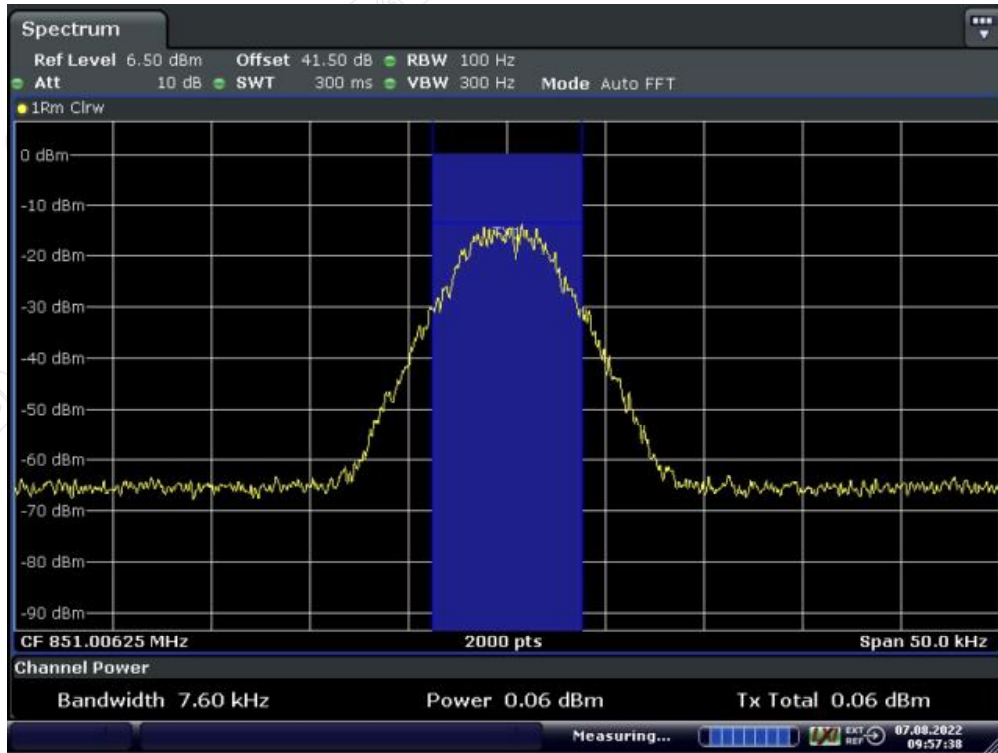
Middle Frequency: 811.0MHz



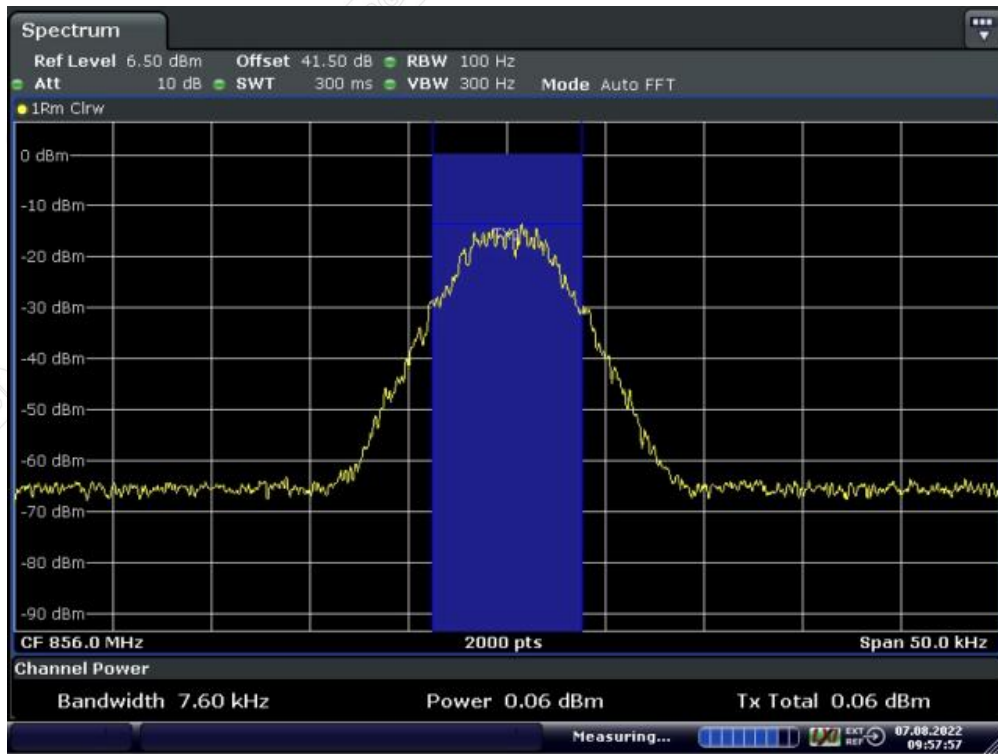
Date: 3.AUG.2022 11:37:16

High Frequency: 815.99375MHz

12.12.1.2.3. DMR  
12.12.1.2.3.1. Downlink

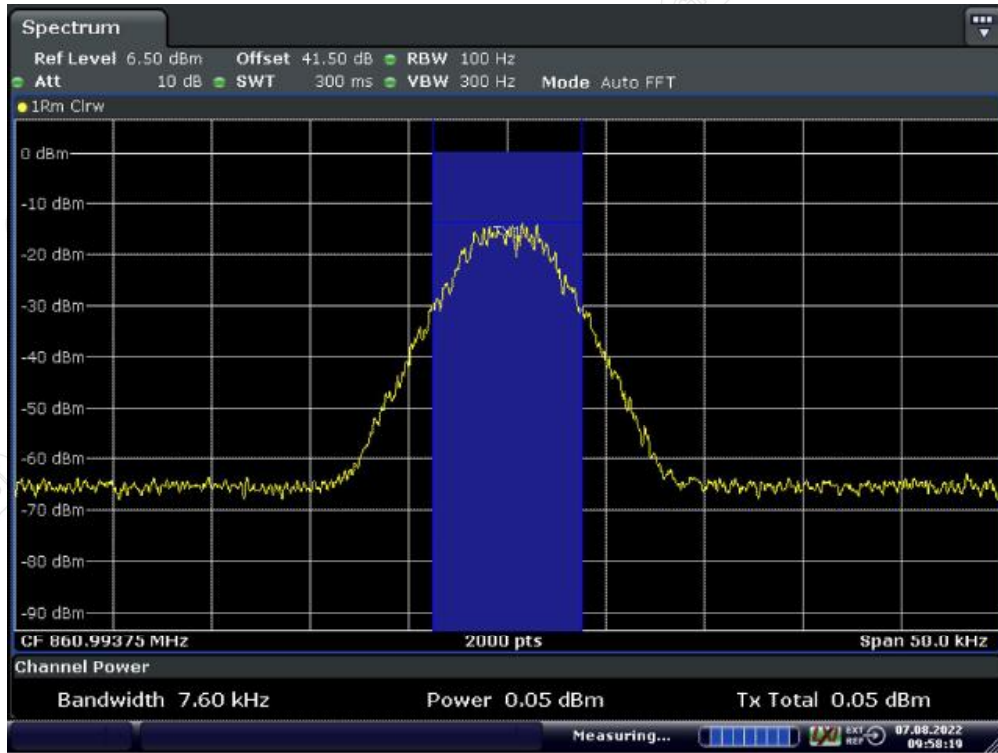


Low Frequency: 851.00625MHz



Middle Frequency: 856.0MHz

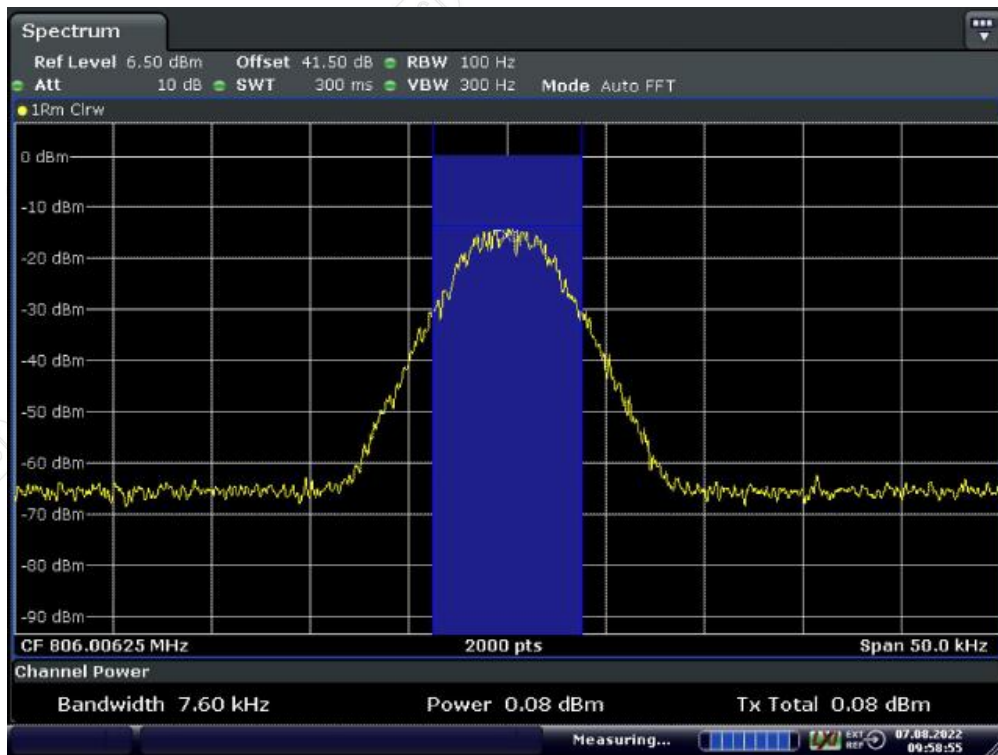




Date: 7.AUG.2022 09:58:19

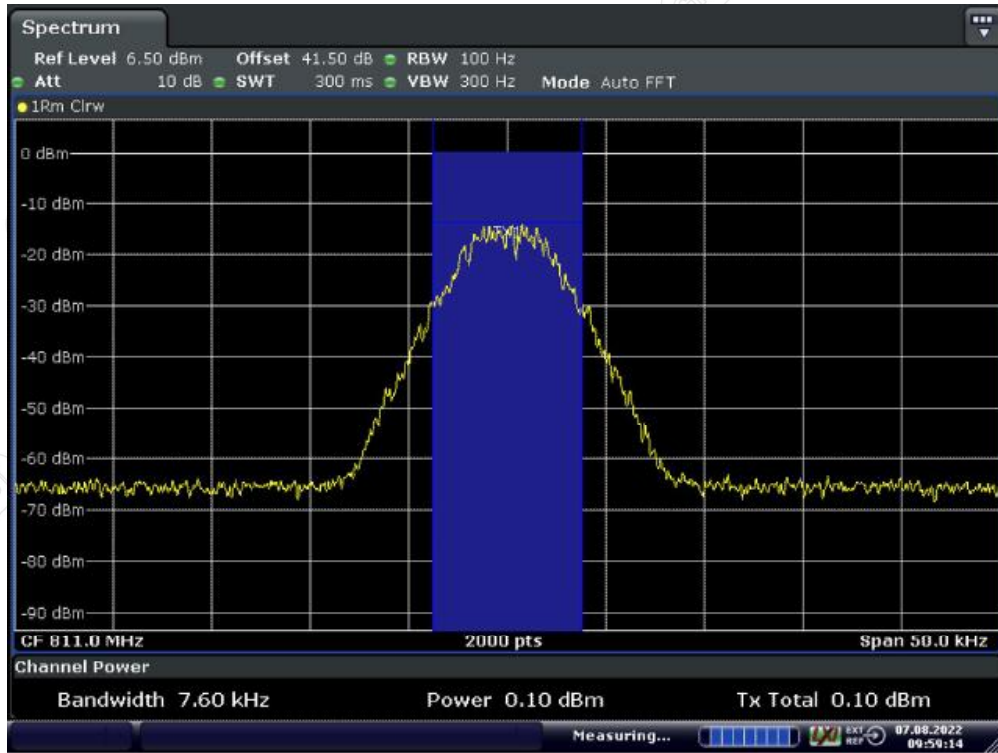
High Frequency: 860.99375MHz

### 12.12.1.2.3.2. Uplink



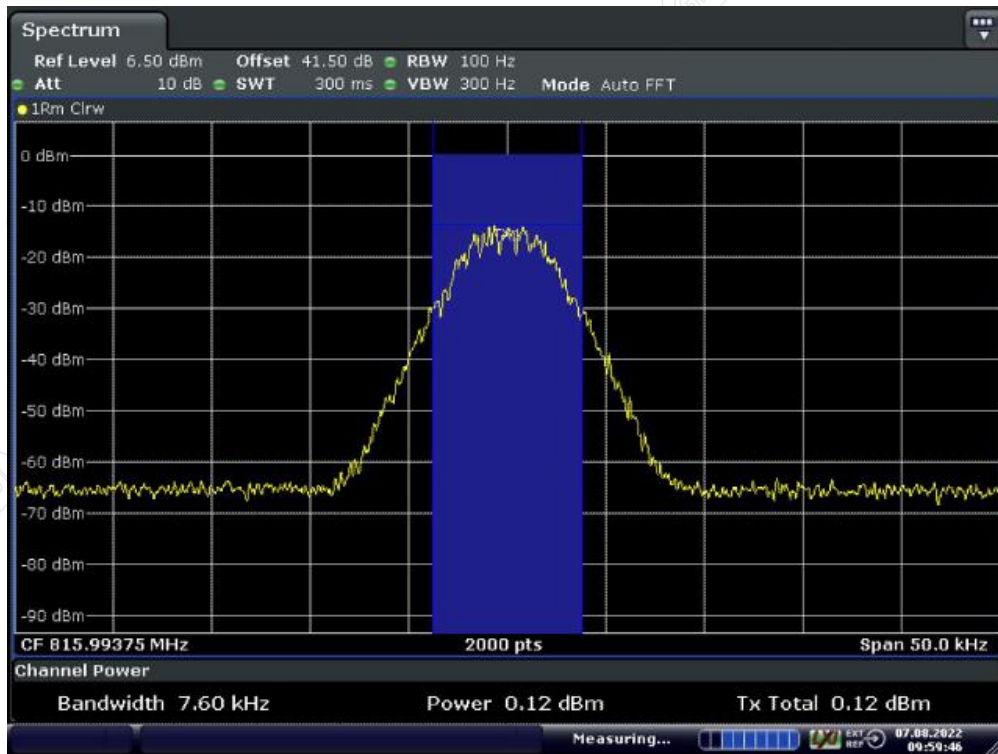
Date: 7.AUG.2022 09:58:55

Low Frequency: 806.00625MHz



Date: 7.AUG.2022 09:59:15

Middle Frequency: 811.0MHz

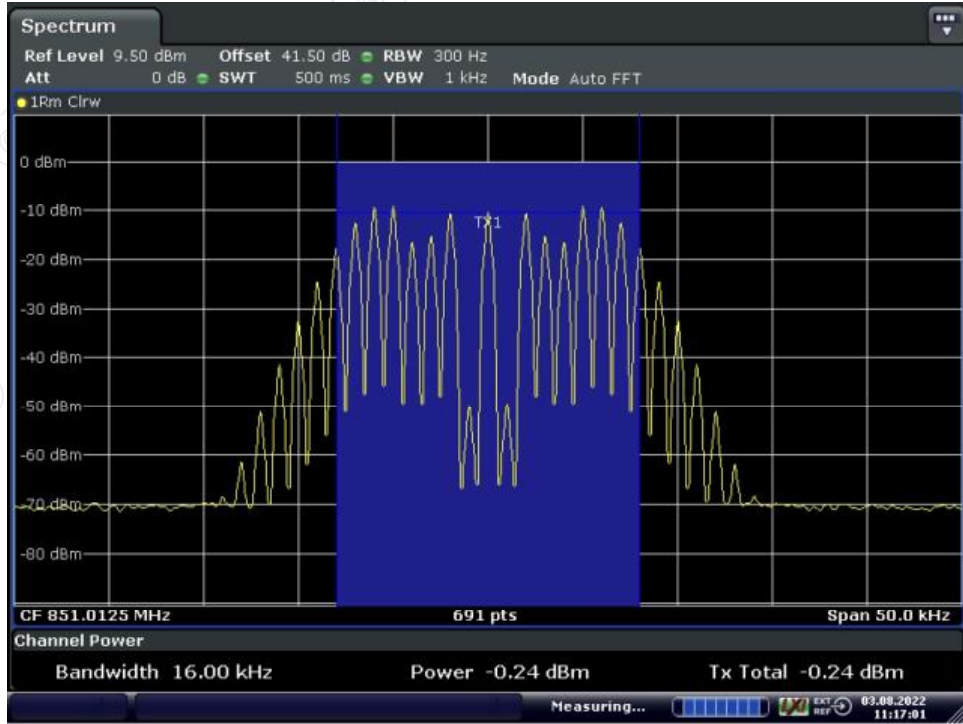


Date: 7.AUG.2022 09:59:46

High Frequency: 815.99375MHz

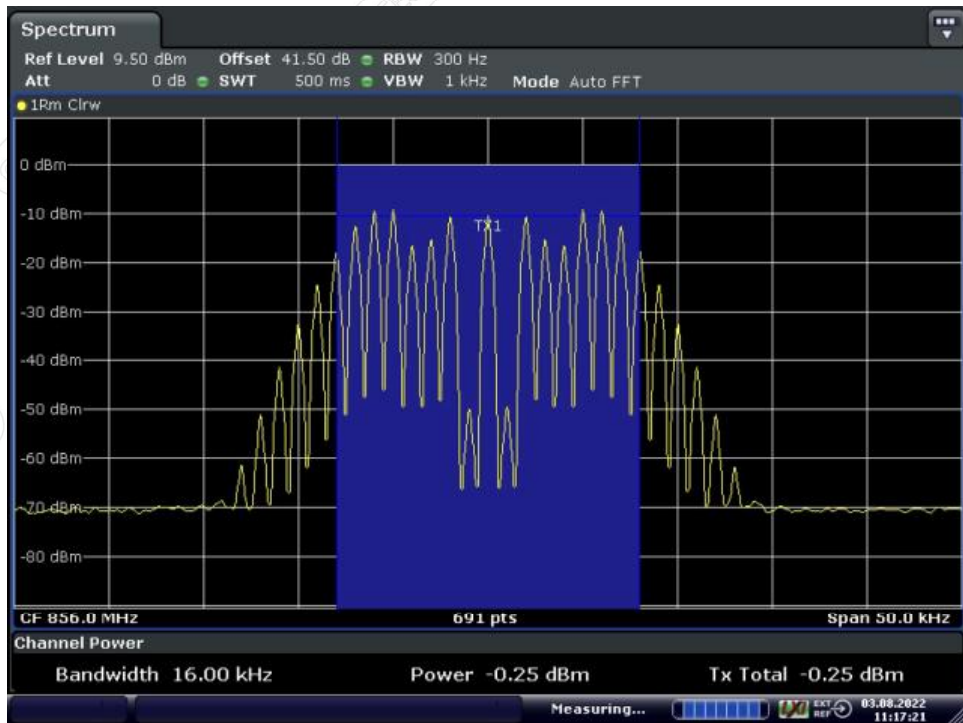
12.12.1.2.4. Analog FM

12.12.1.2.4.1. Downlink



Date: 3.AUG.2022 11:17:02

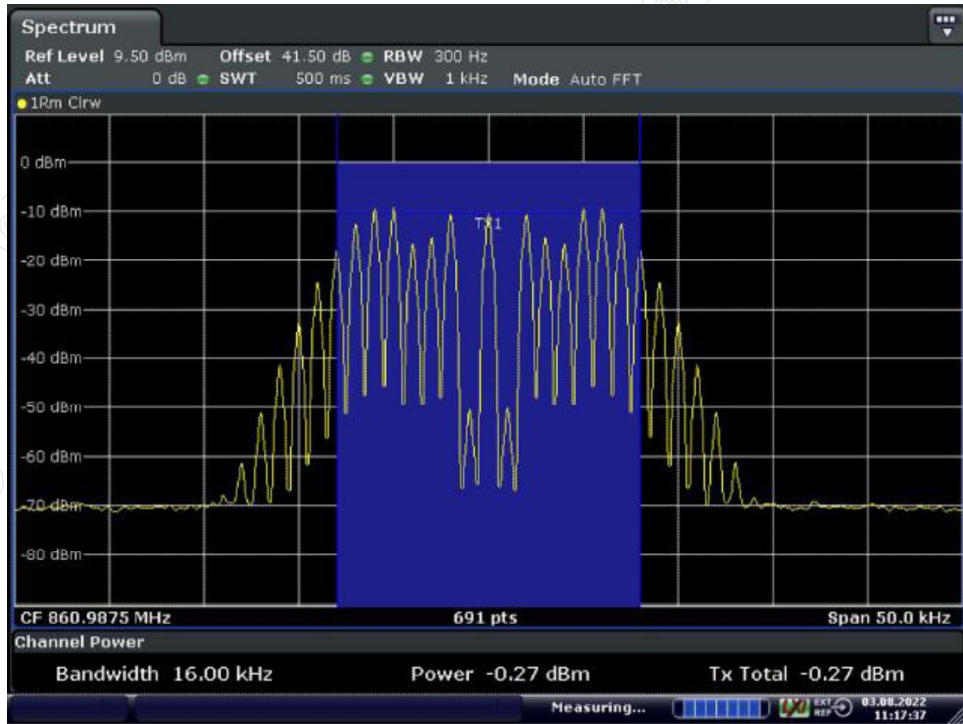
Low Frequency: 851.0125MHz



Date: 3.AUG.2022 11:17:21

Middle Frequency: 856.0MHz

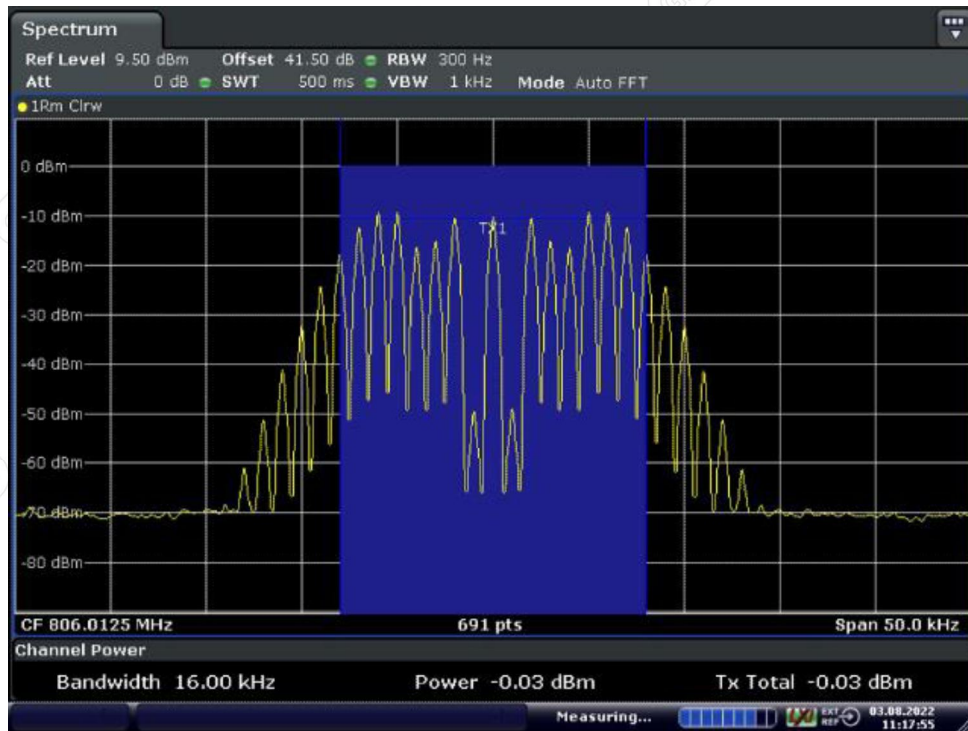




Date: 3.AUG.2022 11:17:37

High Frequency: 860.9875MHz

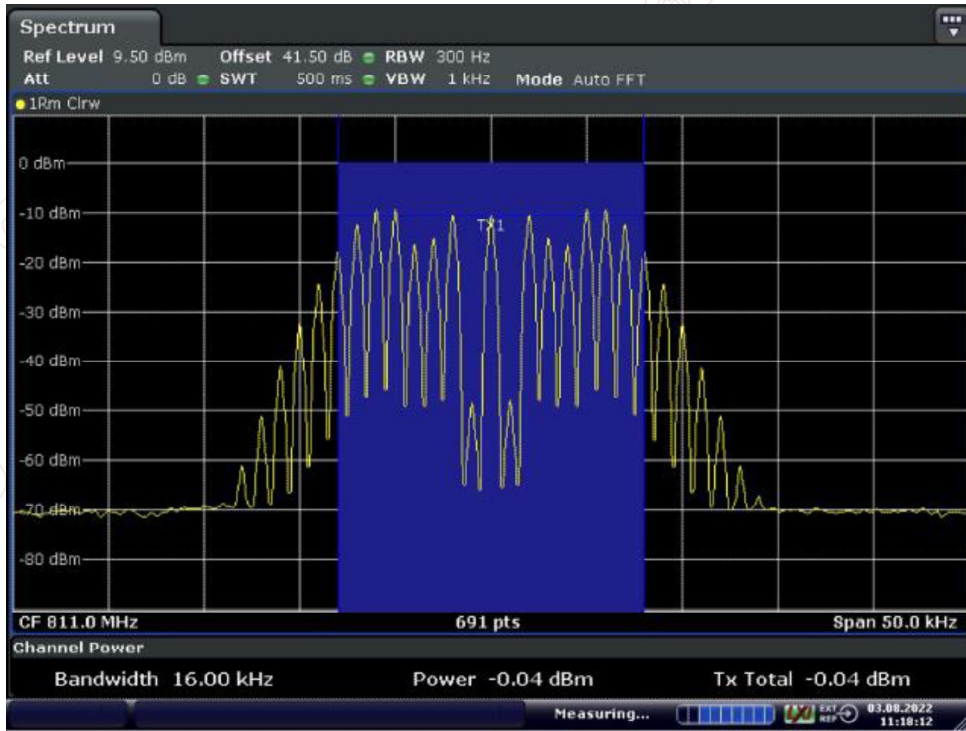
#### 12.12.1.2.4.2. Uplink



Date: 3.AUG.2022 11:17:55

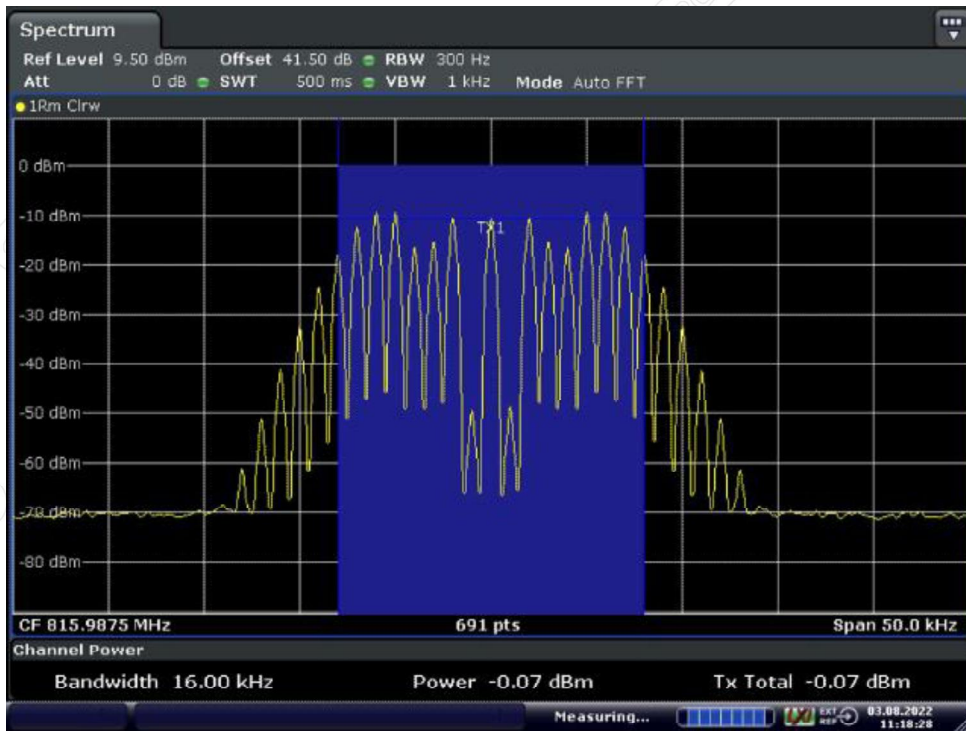
Low Frequency: 806.0125MHz





Date: 3.AUG.2022 11:18:13

Middle Frequency: 811.0MHz

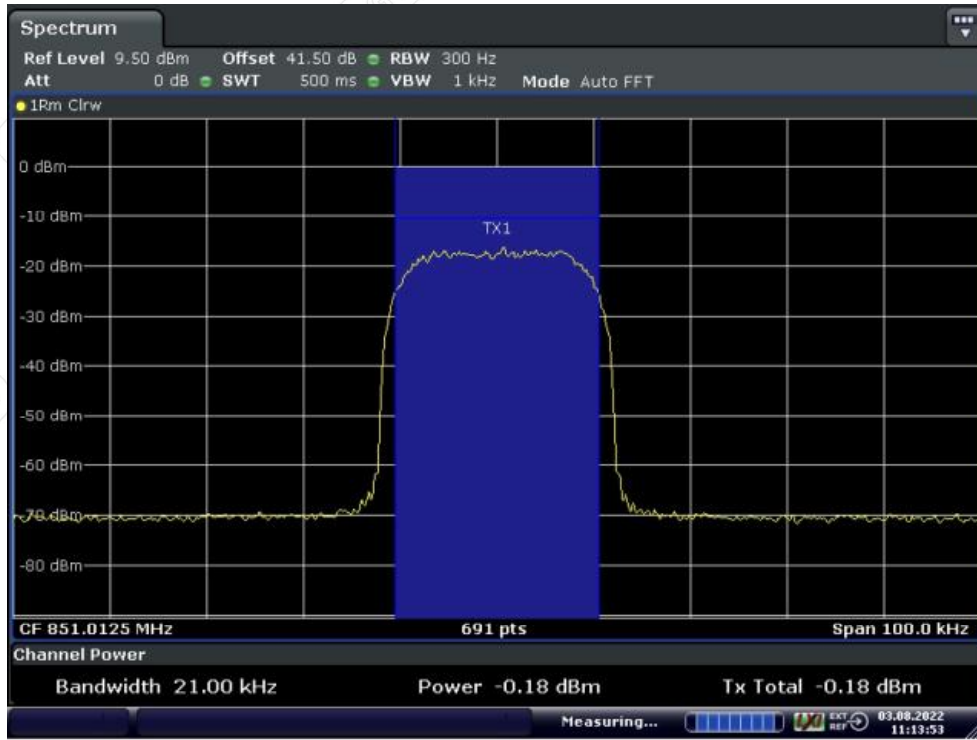


Date: 3.AUG.2022 11:18:28

High Frequency: 815.9875MHz

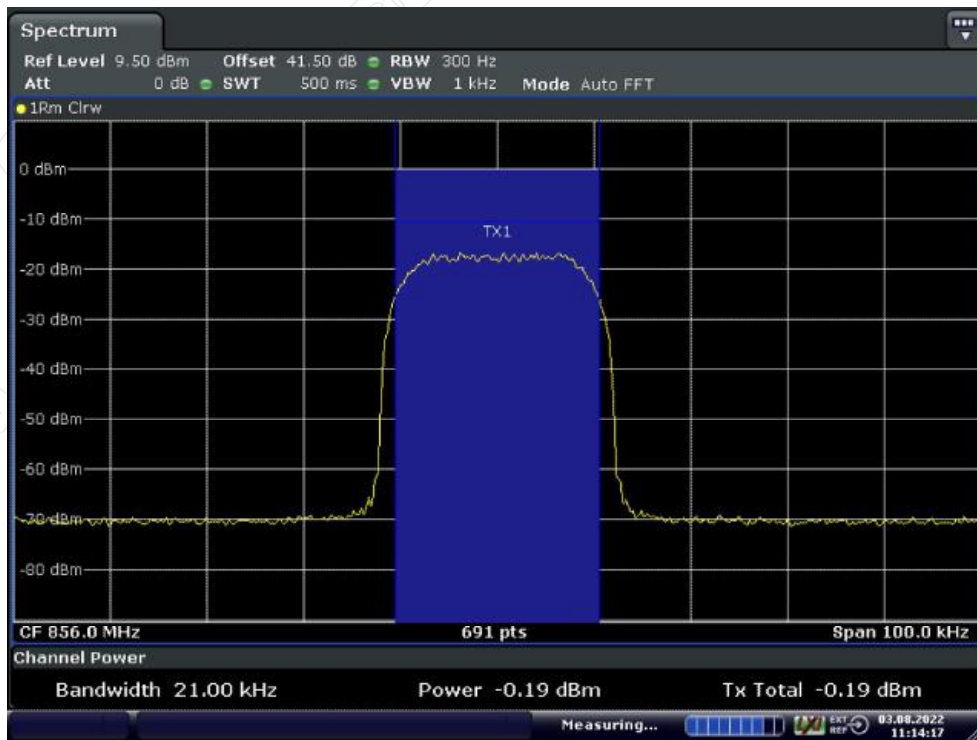
12.12.1.2.5. Tetra

12.12.1.2.5.1. Downlink



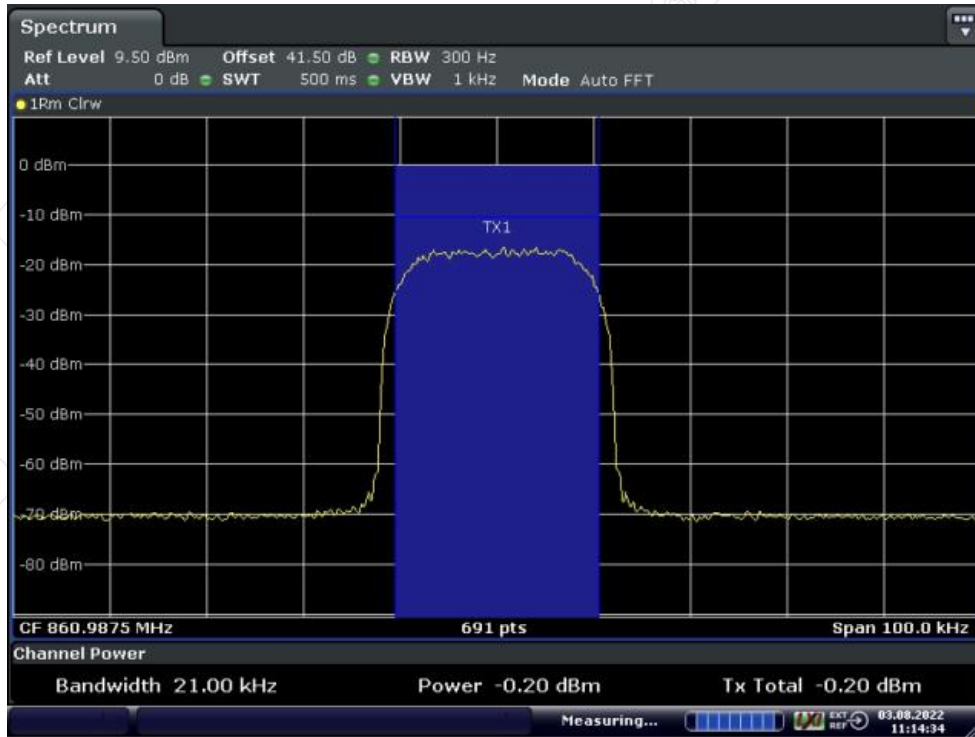
Date: 3.AUG.2022 11:13:54

Low Frequency: 851.0125MHz



Date: 3.AUG.2022 11:14:17

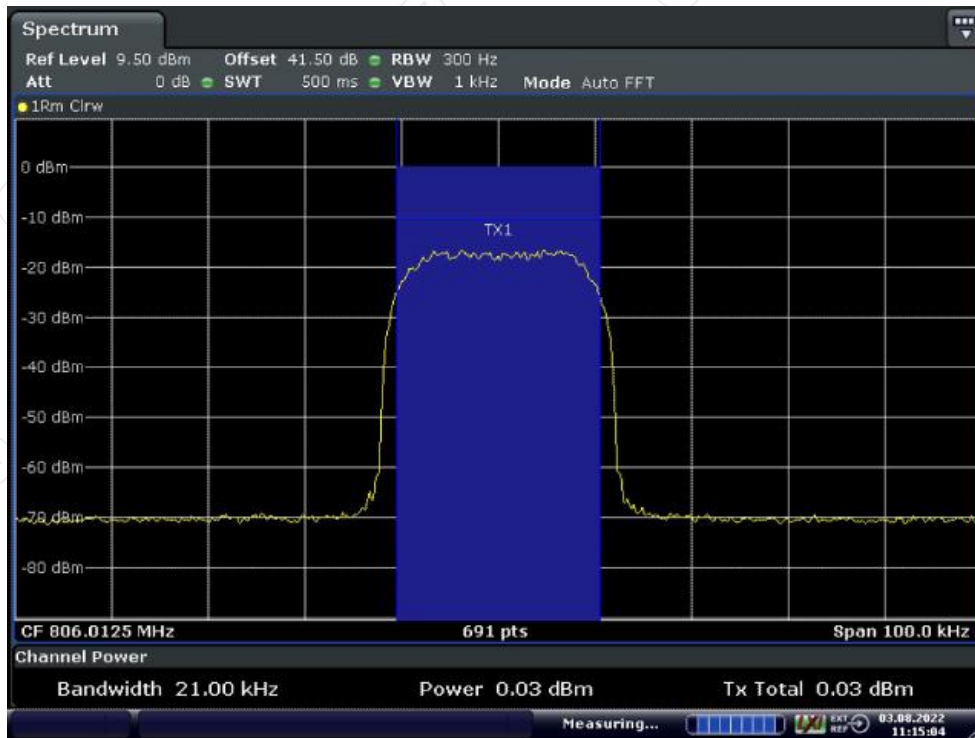
Middle Frequency: 856.0MHz



Date: 3.AUG.2022 11:14:34

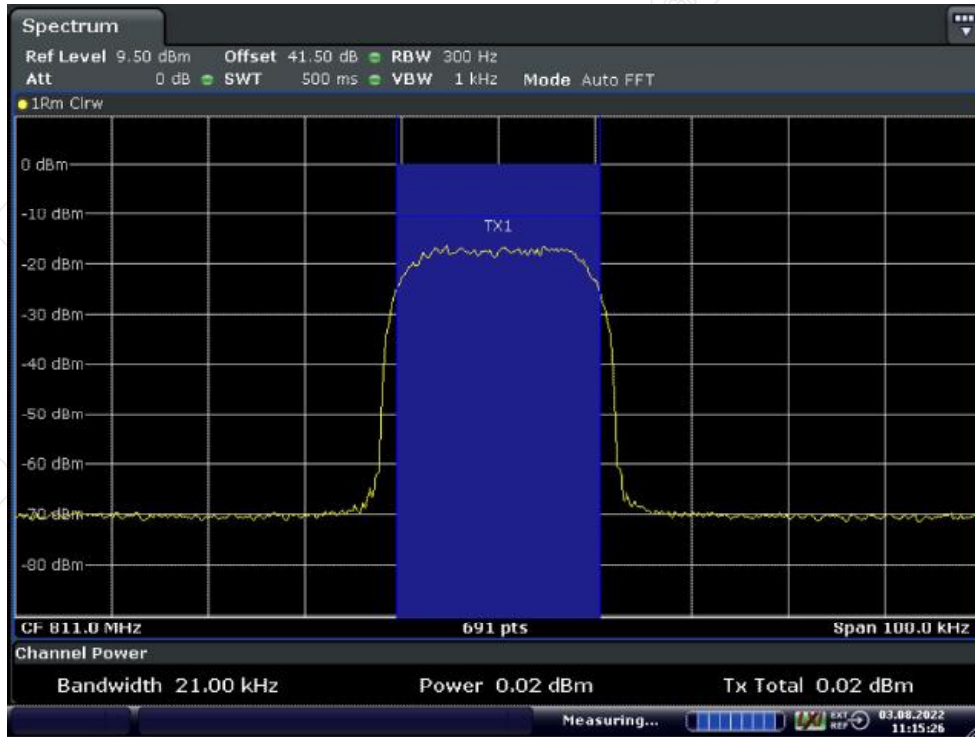
High Frequency: 860.9875MHz

#### 12.12.1.2.5.2. Uplink



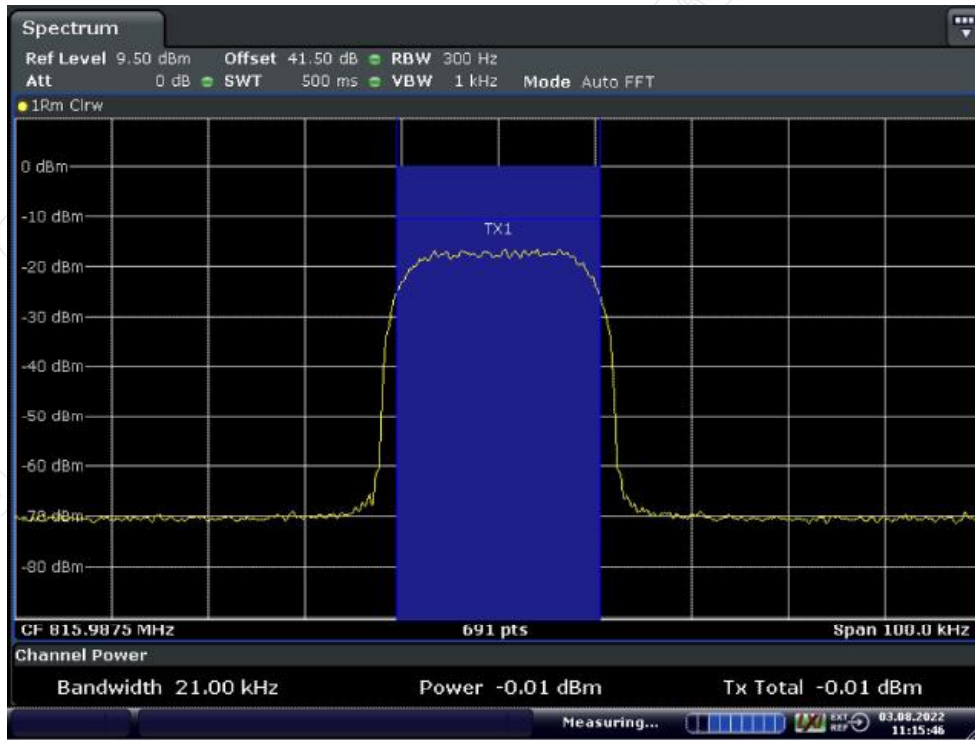
Date: 3.AUG.2022 11:15:04

Low Frequency: 806.0125MHz



Date: 3.AUG.2022 11:15:26

Middle Frequency: 811.0MHz



Date: 3.AUG.2022 11:15:46

High Frequency: 815.9875MHz



12.13. AGC Threshold

12.13.1. Test results

Test Date (yy-mm-dd): 2022-08-03~2022-08-05

Normal condition: Temp:26.6~27.1°C, Humid: 50~52%, Atmospheric Pressure:101kpa

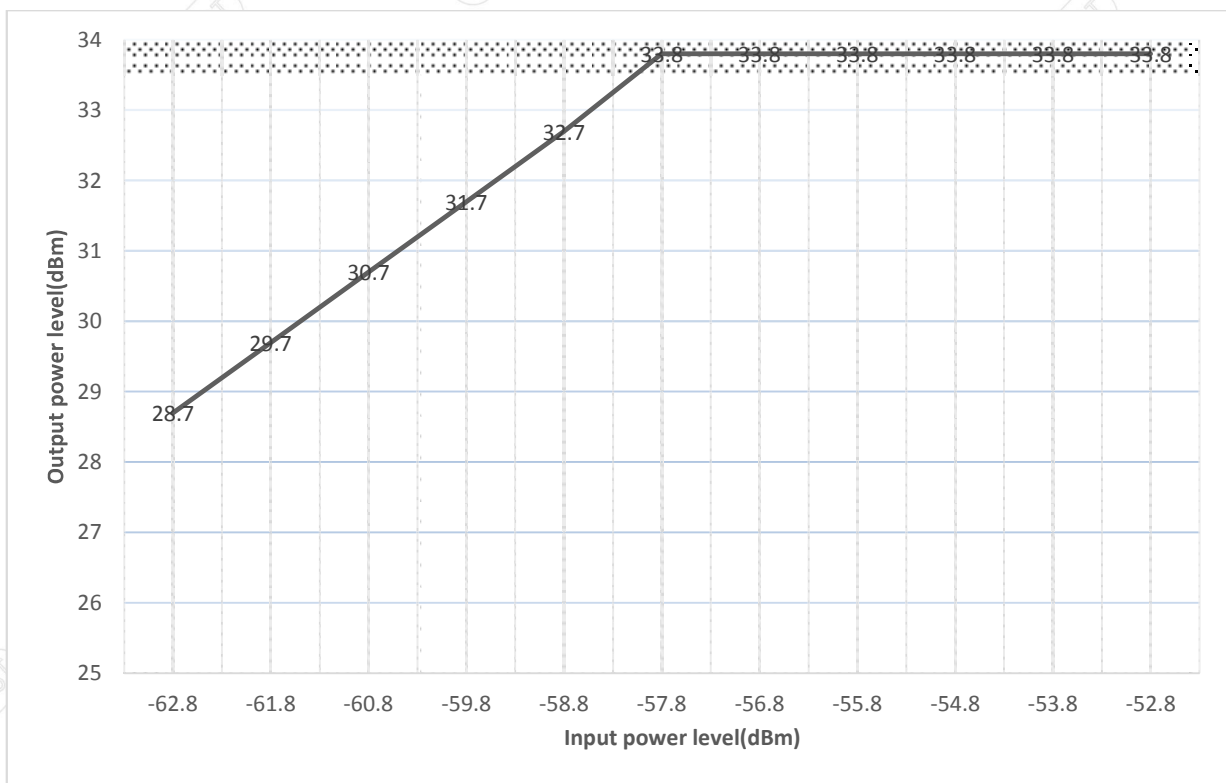
Supply Voltage: AC 110V, 50Hz

12.13.1.1. 700MHz Band(Downlink: 758MHz ~ 775MHz, Uplink: 788MHz ~805MHz)

12.13.1.1.1. Downlink

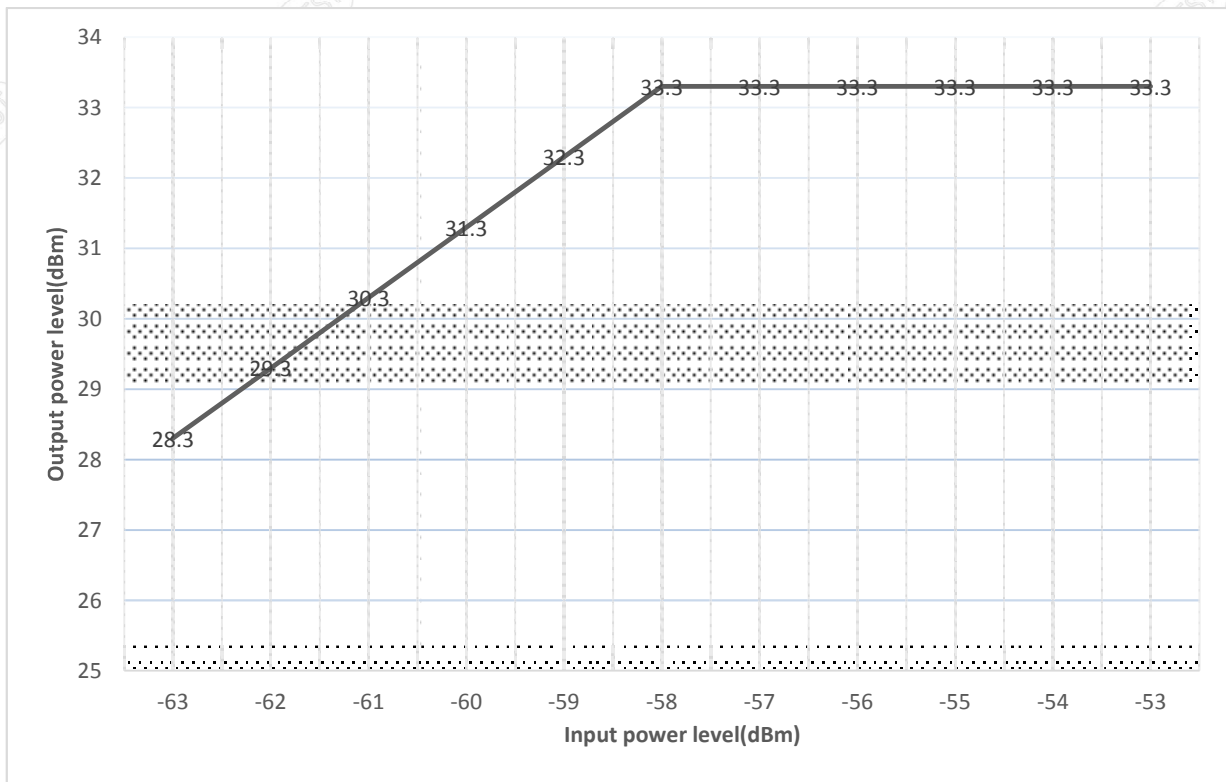
12.13.1.1.1.1. LTE 5MHz

Test frequency	EUT input power (dBm)	EUT input cable loss (dB)	EUT Corrected Input power (dBm)	EUT Corrected Output power (dBm)
763.0MHz	-62.1	0.7	-62.8	28.7
	-61.1	0.7	-61.8	29.7
	-60.1	0.7	-60.8	30.7
	-59.1	0.7	-59.8	31.7
	-58.1	0.7	-58.8	32.7
	-57.1	0.7	-57.8	33.8
	-56.1	0.7	-56.8	33.8
	-55.1	0.7	-55.8	33.8
	-54.1	0.7	-54.8	33.8
	-53.1	0.7	-53.8	33.8
	-52.1	0.7	-52.8	33.8



12.13.1.1.1.2. LTE 10MHz

Test frequency	EUT input power (dBm)	EUT input cable loss (dB)	EUT Corrected Input power (dBm)	EUT Corrected Output power (dBm)
763.0MHz	-62.3	0.7	-63.0	28.3
	-61.3	0.7	-62.0	29.3
	-60.3	0.7	-61.0	30.3
	-59.3	0.7	-60.0	31.3
	-58.3	0.7	-59.0	32.3
	-57.3	0.7	-58.0	33.3
	-56.3	0.7	-57.0	33.3
	-55.3	0.7	-56.0	33.3
	-54.3	0.7	-55.0	33.3
	-53.3	0.7	-54.0	33.3
-52.3	0.7	-53.0	33.3	



12.13.1.1.1.3. P25 Phase I(C4FM)

Test frequency	EUT input power (dBm)	EUT input cable loss (dB)	EUT Corrected Input power (dBm)	EUT Corrected Output power (dBm)
771.5MHz	-61.8	0.7	-62.5	28.2
	-60.8	0.7	-61.5	29.2
	-59.8	0.7	-60.5	30.2
	-58.8	0.7	-59.5	31.2
	-57.8	0.7	-58.5	32.1
	-56.8	0.7	-57.5	33.1
	-55.8	0.7	-56.5	33.1
	-54.8	0.7	-55.5	33.1
	-53.8	0.7	-54.5	33.1
	-52.8	0.7	-53.5	33.1
-51.8	0.7	-52.5	33.1	

