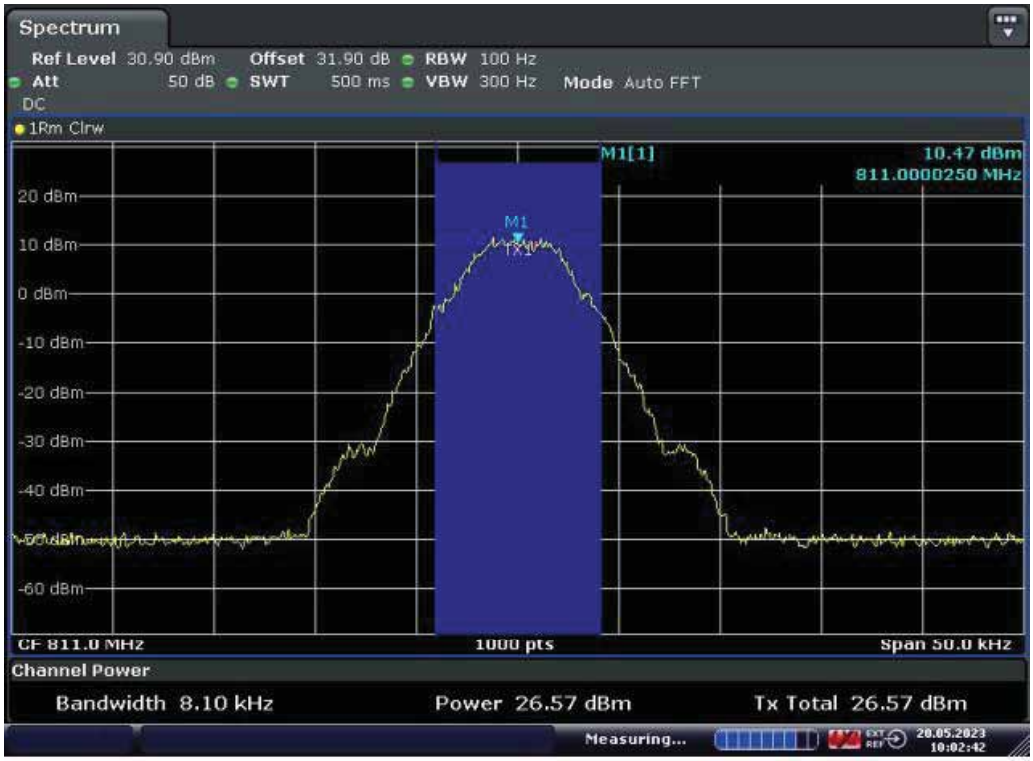
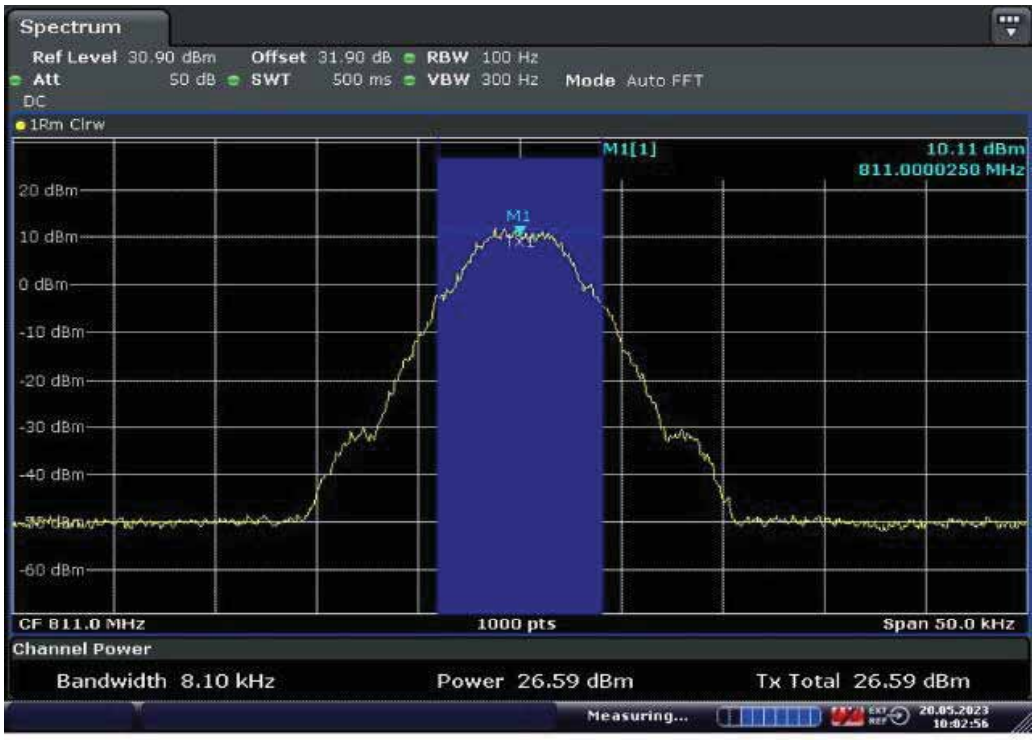


Date: 20.MAY.2023 10:02:42

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

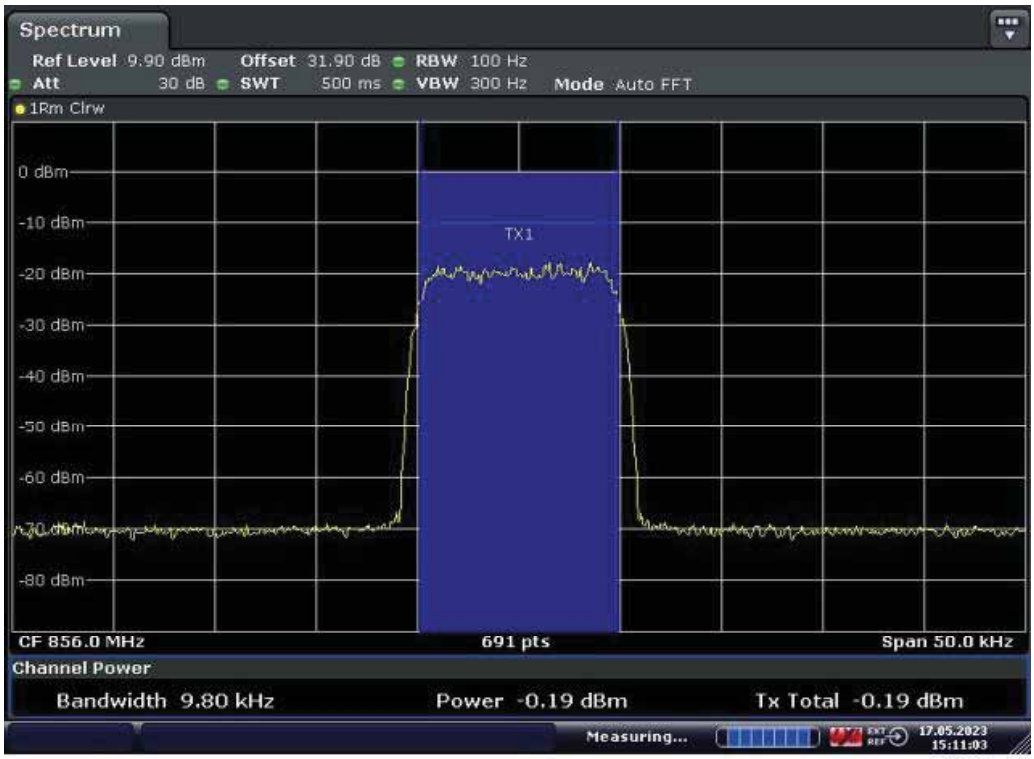


Date: 20.MAY.2023 10:02:57

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

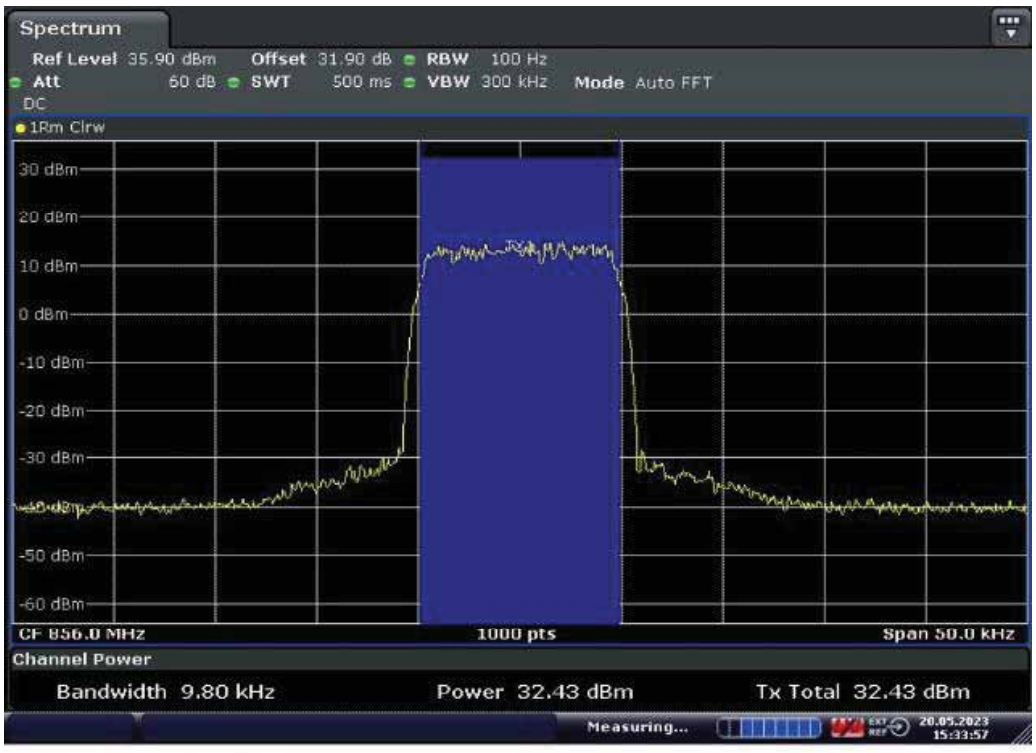
11.15.2.3.2.2. P25 Phase II(H-DQPSK)

11.15.2.3.2.2.1. Downlink



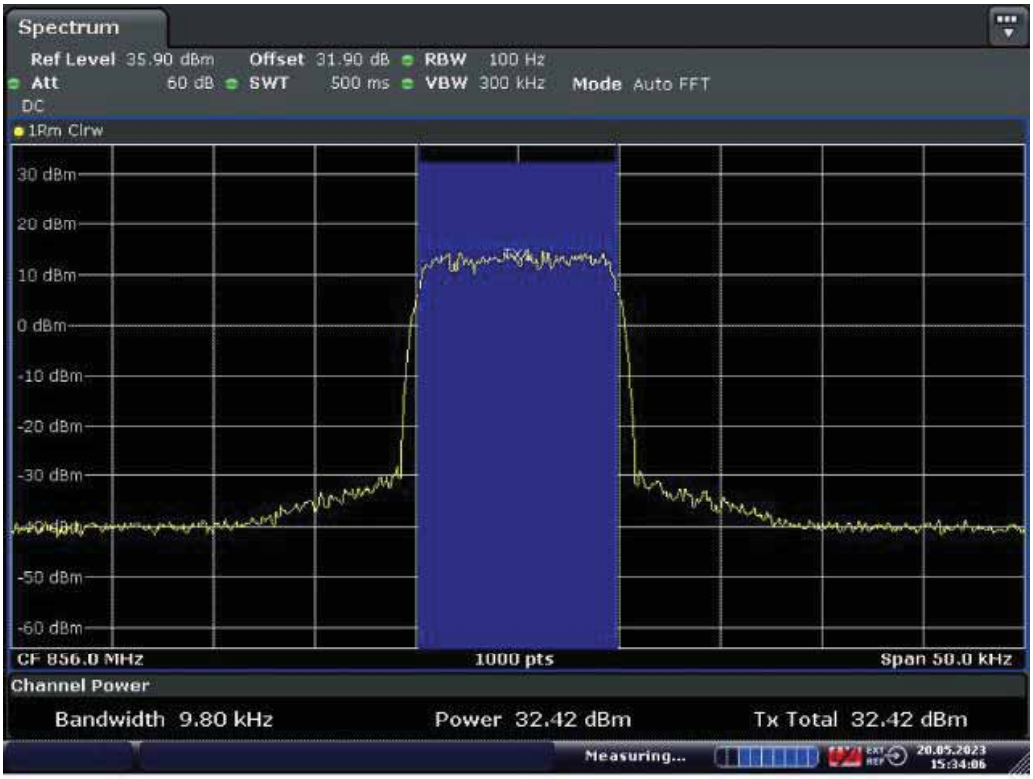
Date: 17.MAY.2023 15:11:03

Middle Frequency: 856.0MHz, Input occupied BW



Date: 20.MAY.2023 15:33:56

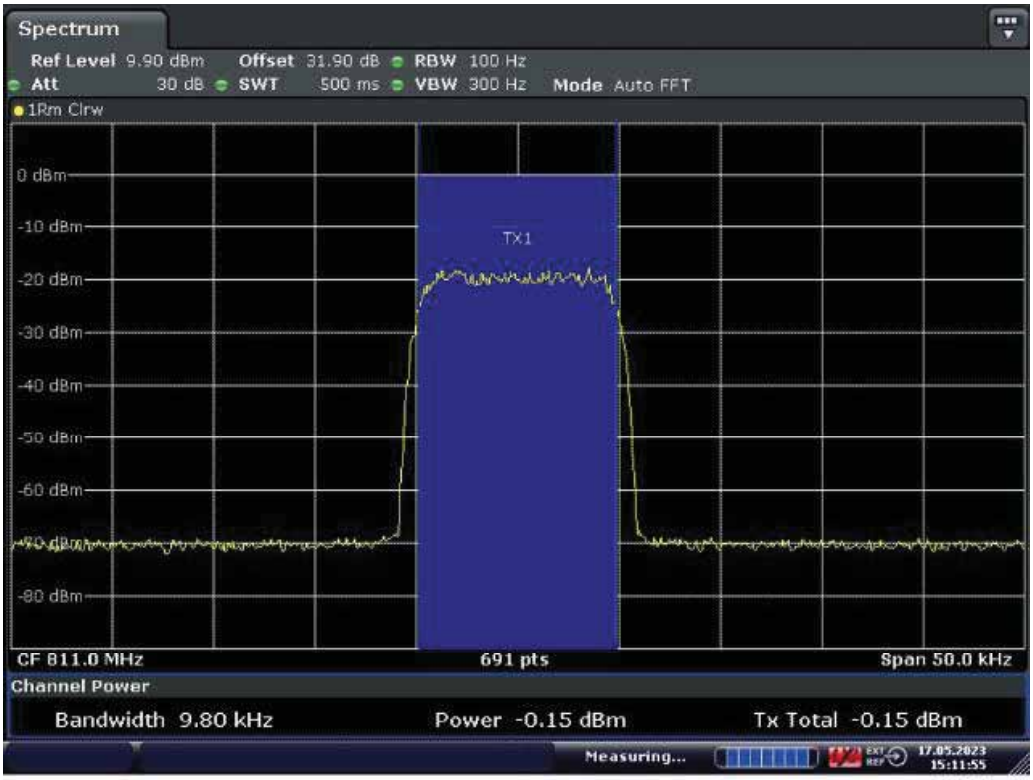
Middle Frequency: 856.0MHz, Output occupied BW(AGC)



Date: 20.MAY.2023 15:34:06

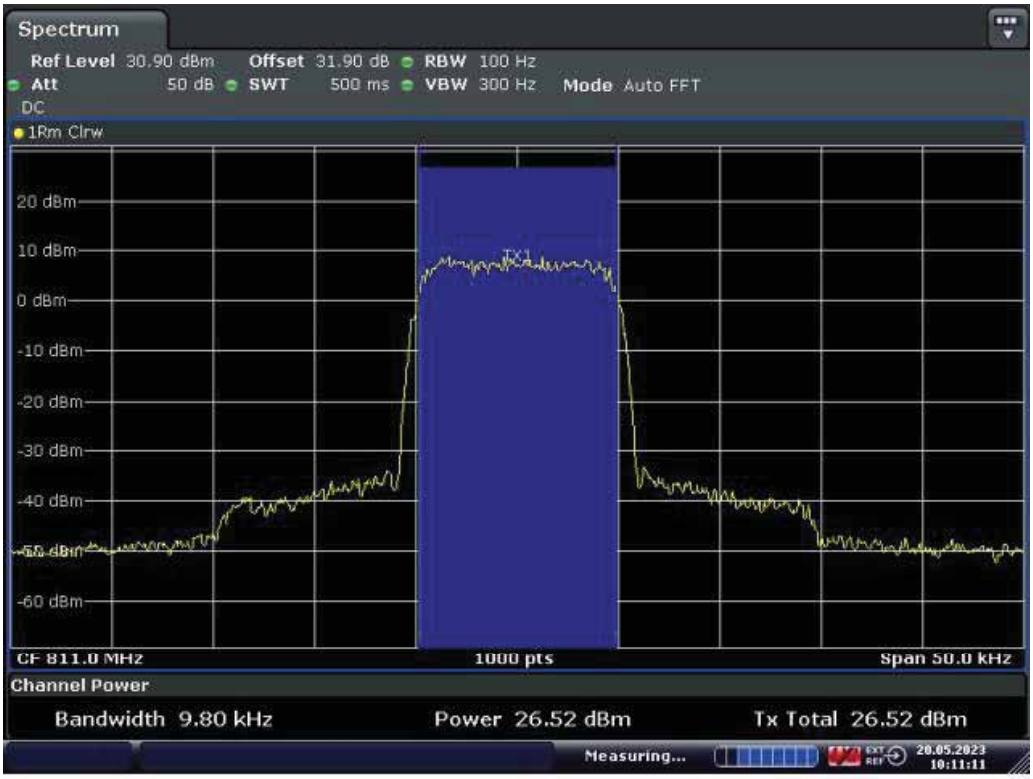
Middle Frequency: 856.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

11.15.2.3.2.2.2. Uplink



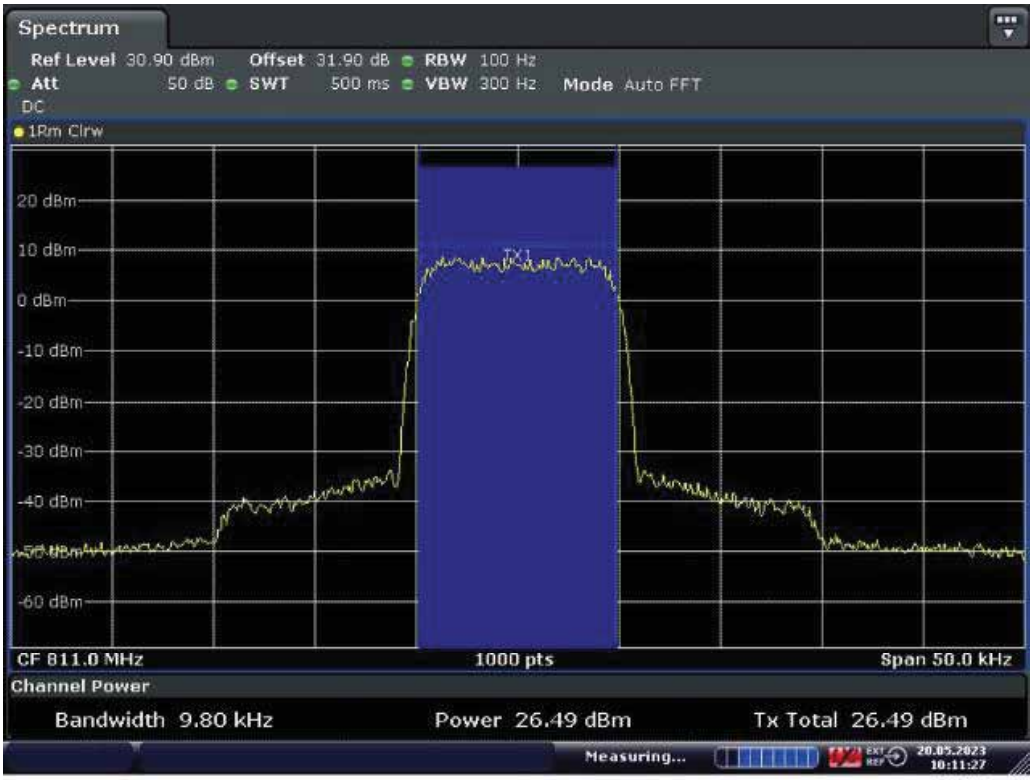
Date: 17.MAY.2023 15:11:55

Middle Frequency: 811.0MHz MHz, Input occupied BW



Date: 20.MAY.2023 10:11:11

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

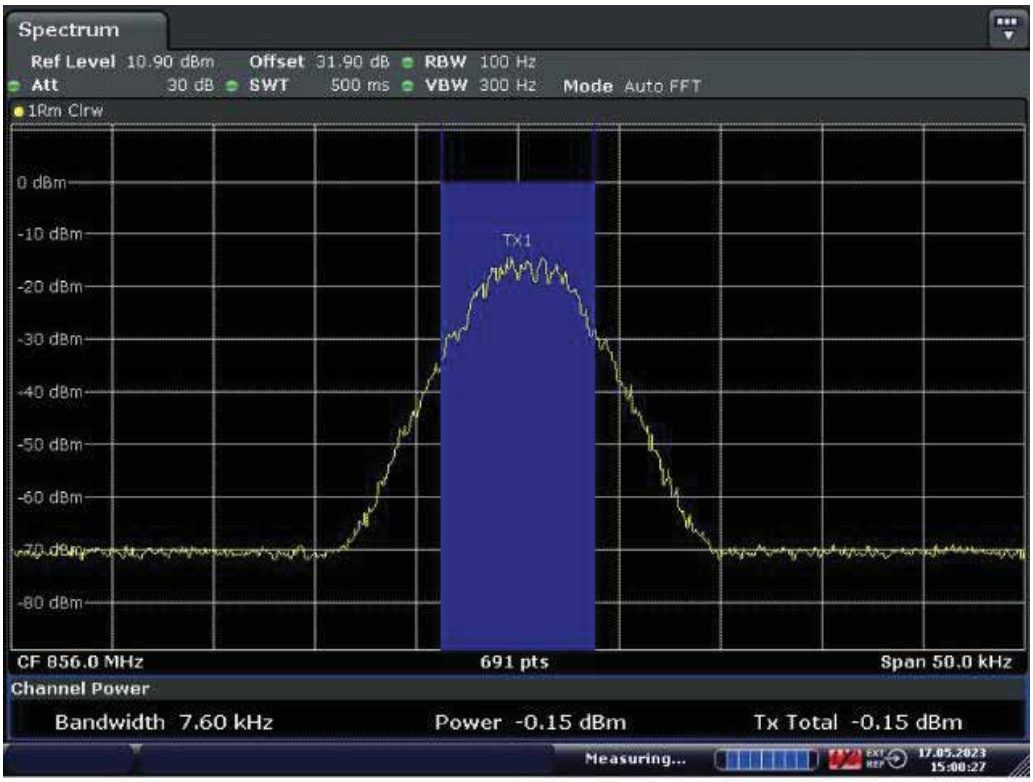


Date: 20.MAY.2023 10:11:27

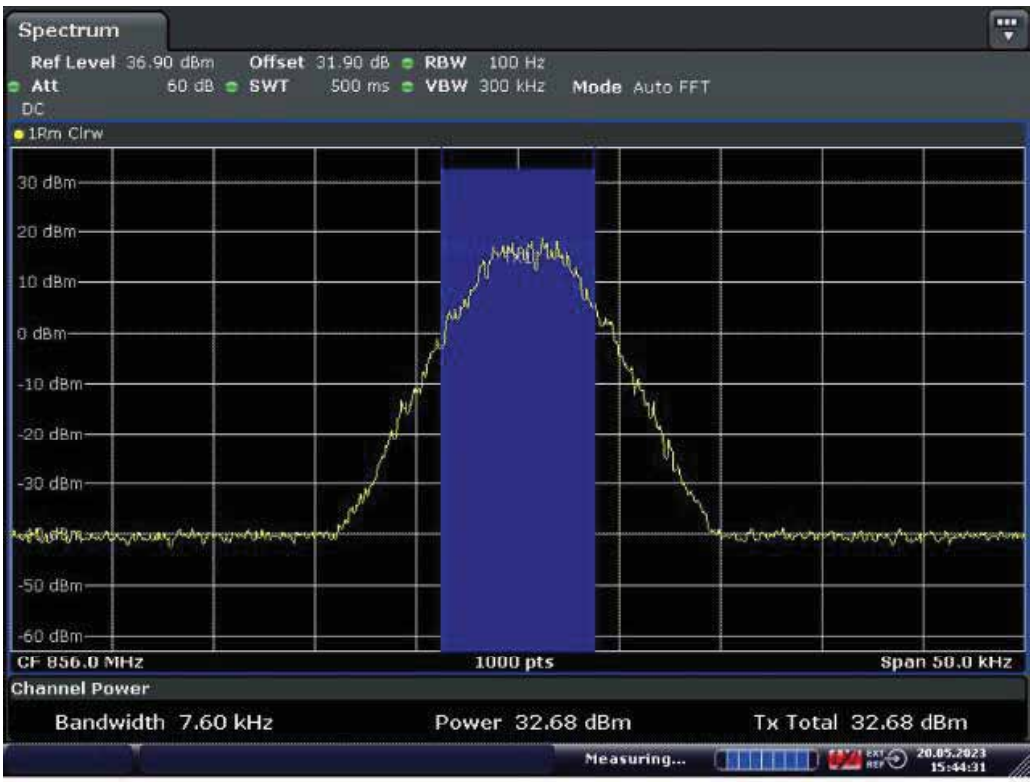
Middle Frequency: 811.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

11.15.2.3.2.3. DMR

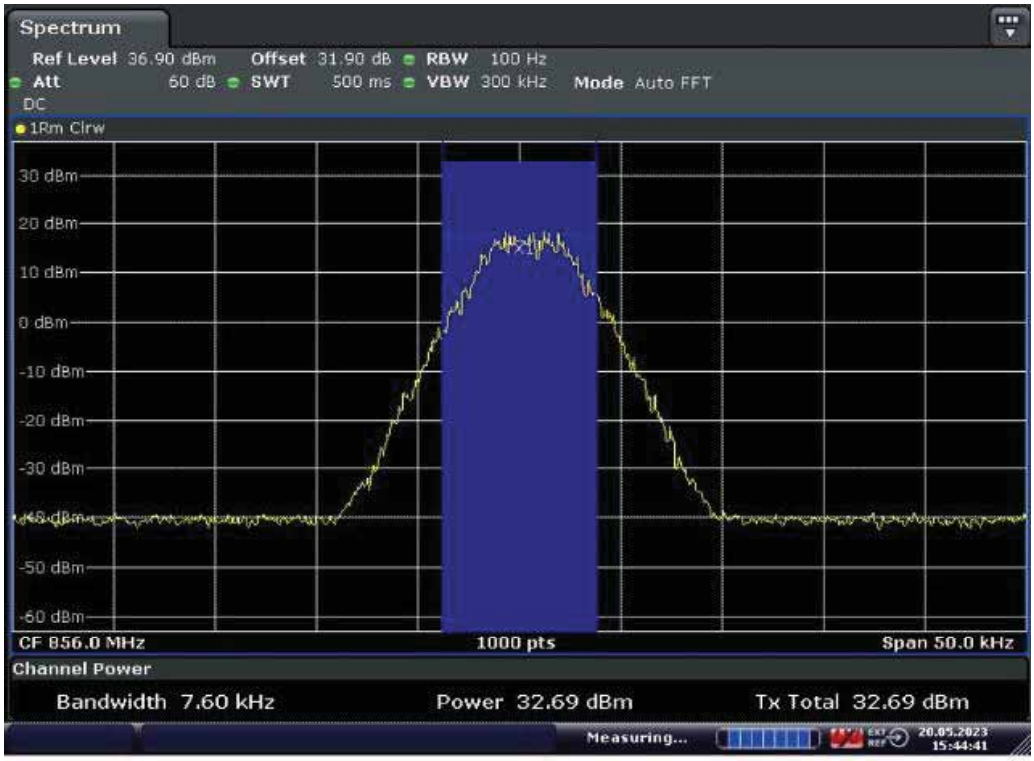
11.15.2.3.2.3.1. Downlink



Middle Frequency: 856.0MHz, Input occupied BW



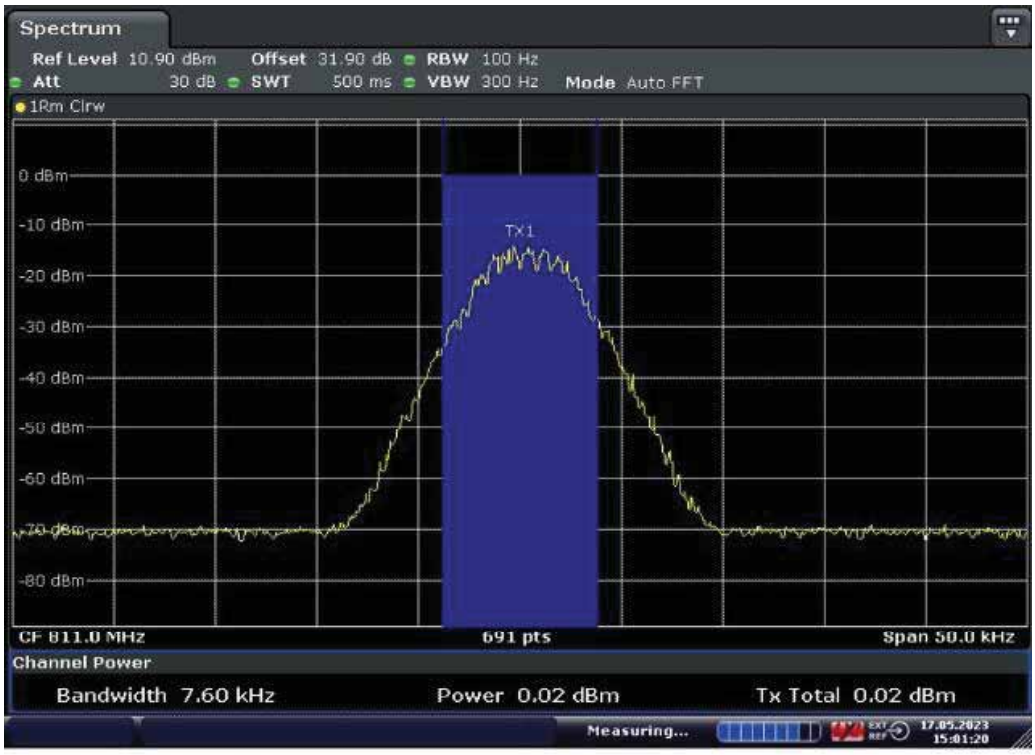
Middle Frequency: 856.0MHz, Output occupied BW(AGC)



Date: 20.MAY.2023 15:44:41

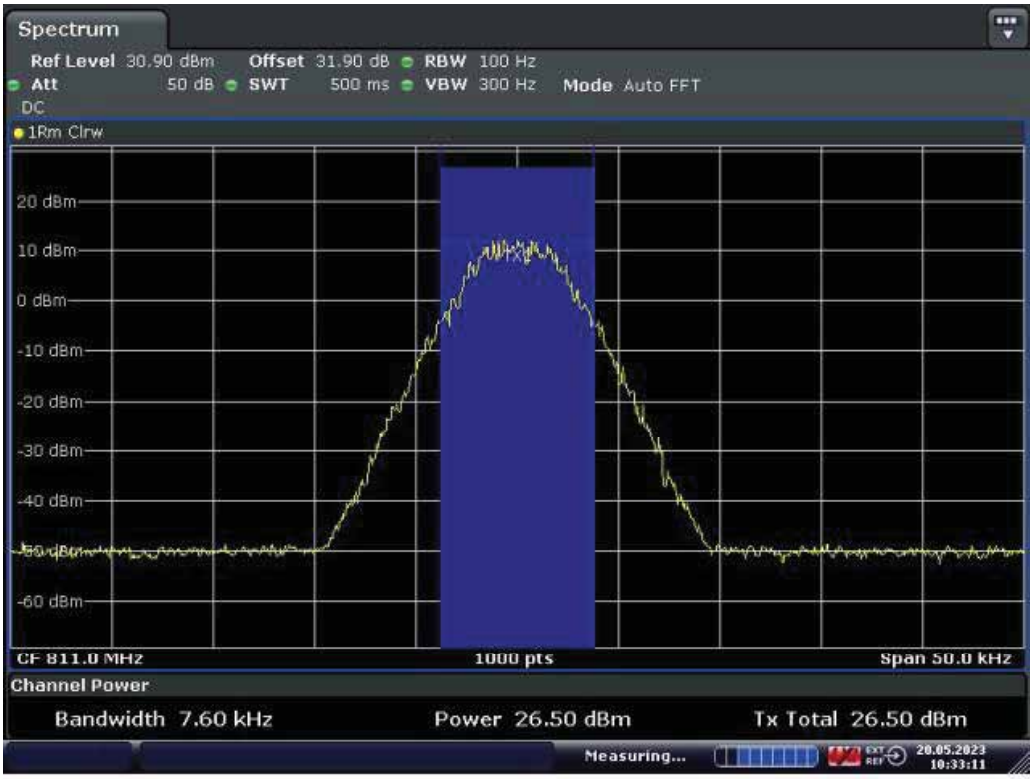
Middle Frequency: 856.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

11.15.2.3.2.3.2. Uplink



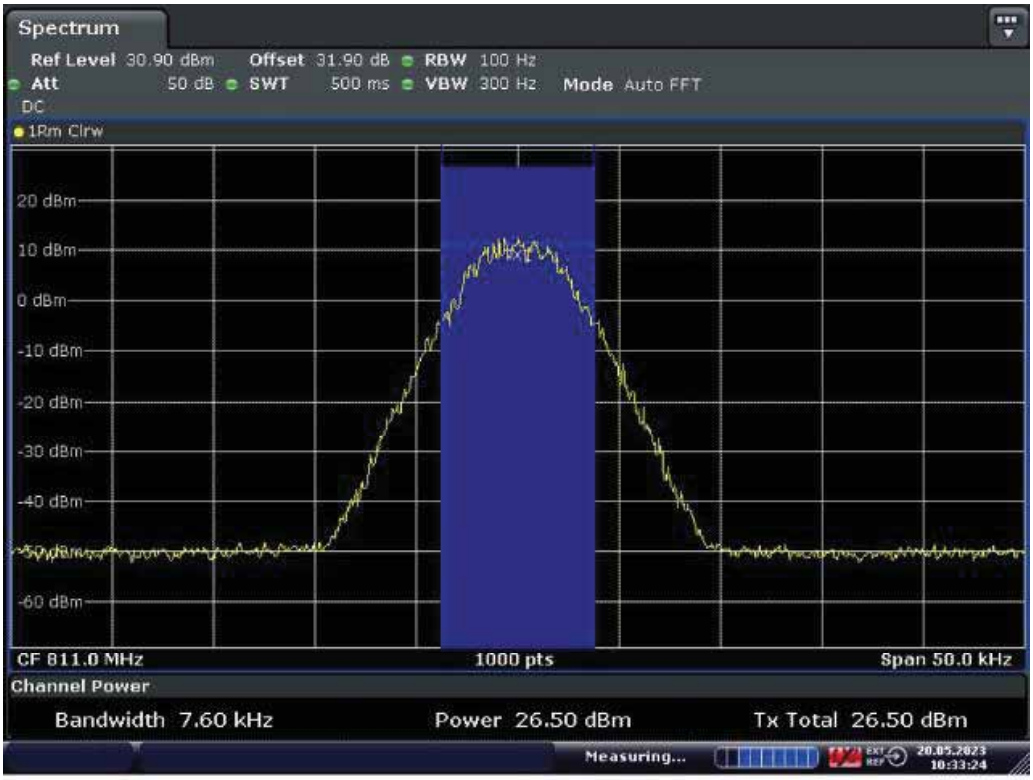
Date: 17.MAY.2023 15:01:20

Middle Frequency: 811.0MHz MHz, Input occupied BW



Date: 20.MAY.2023 10:33:11

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

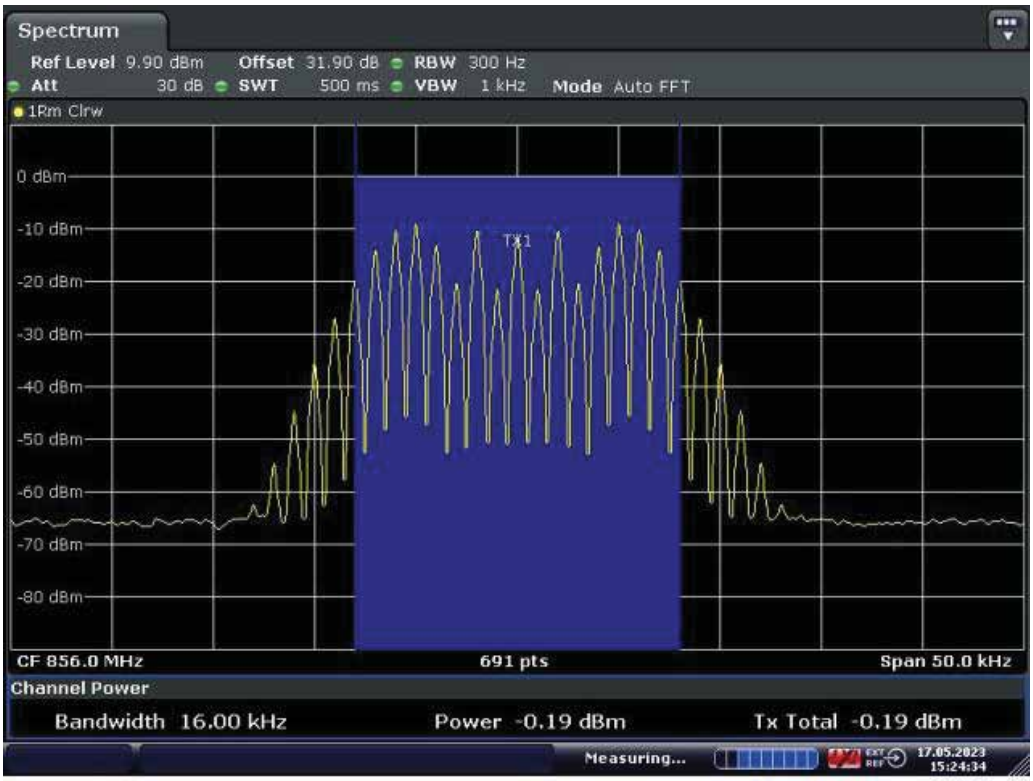


Date: 20.MAY.2023 10:33:25

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

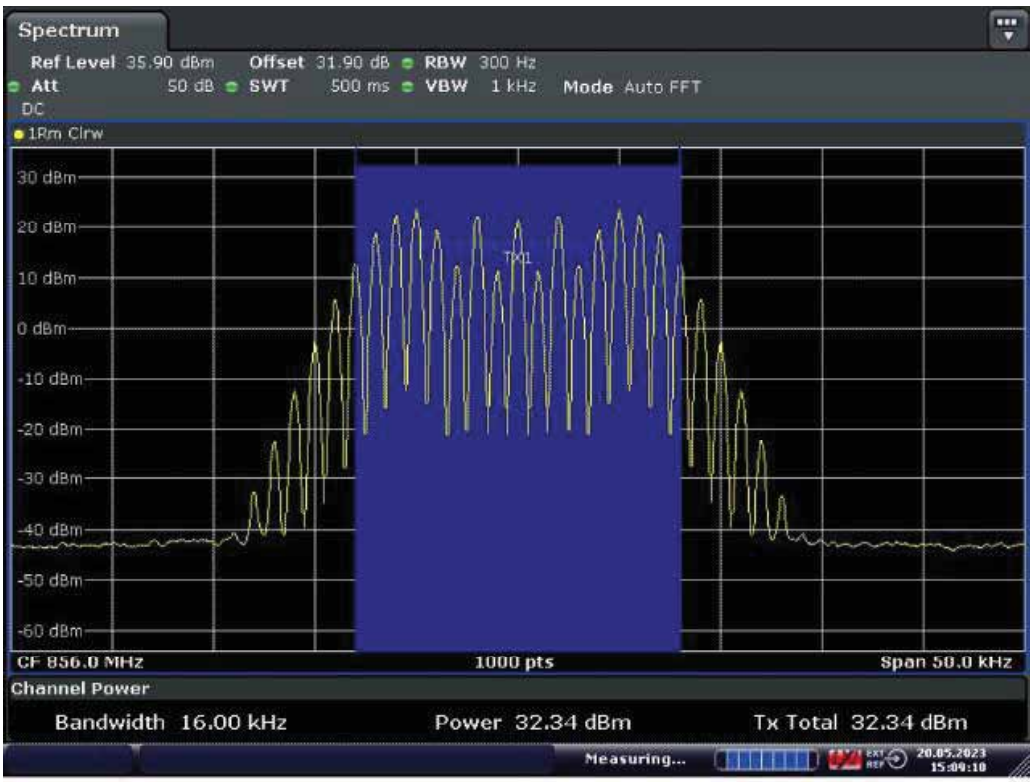
11.15.2.3.2.4. Analog FM

11.15.2.3.2.4.1. Downlink



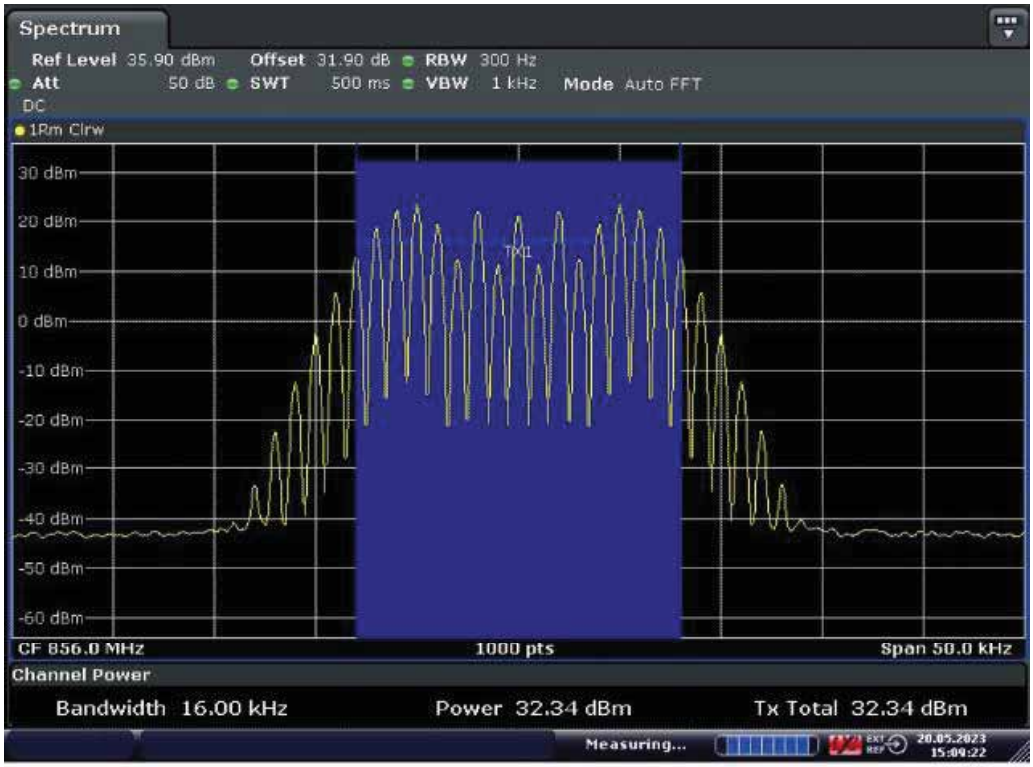
Date: 17.MAY.2023 15:24:34

Middle Frequency: 856.0MHz, Input occupied BW



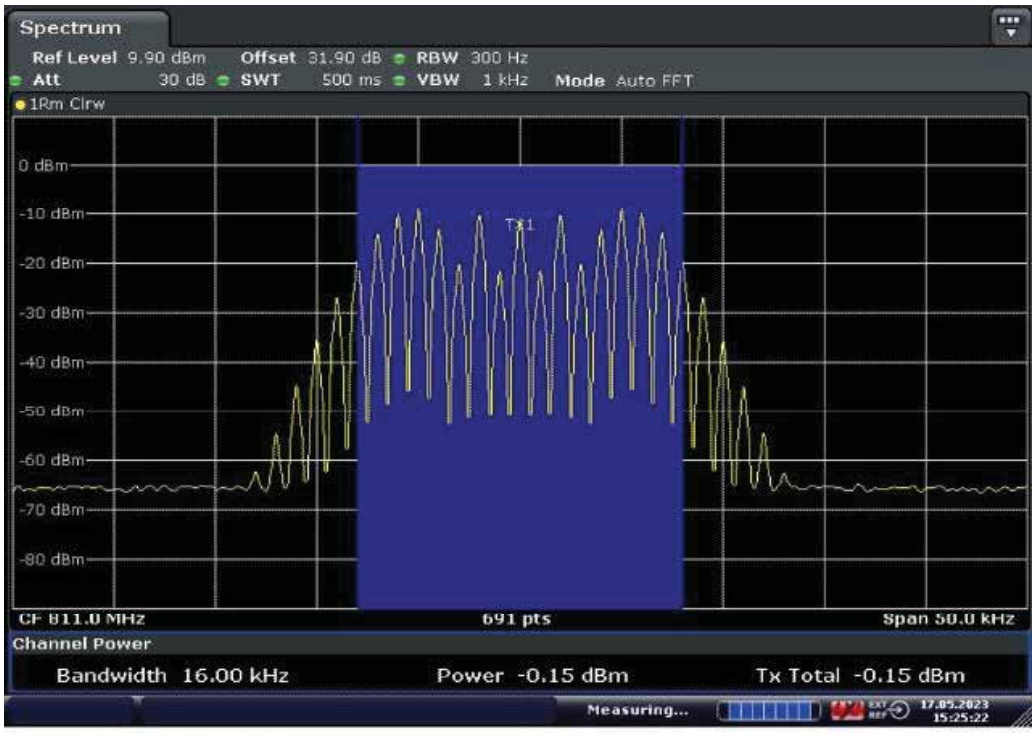
Date: 20.MAY.2023 15:09:10

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

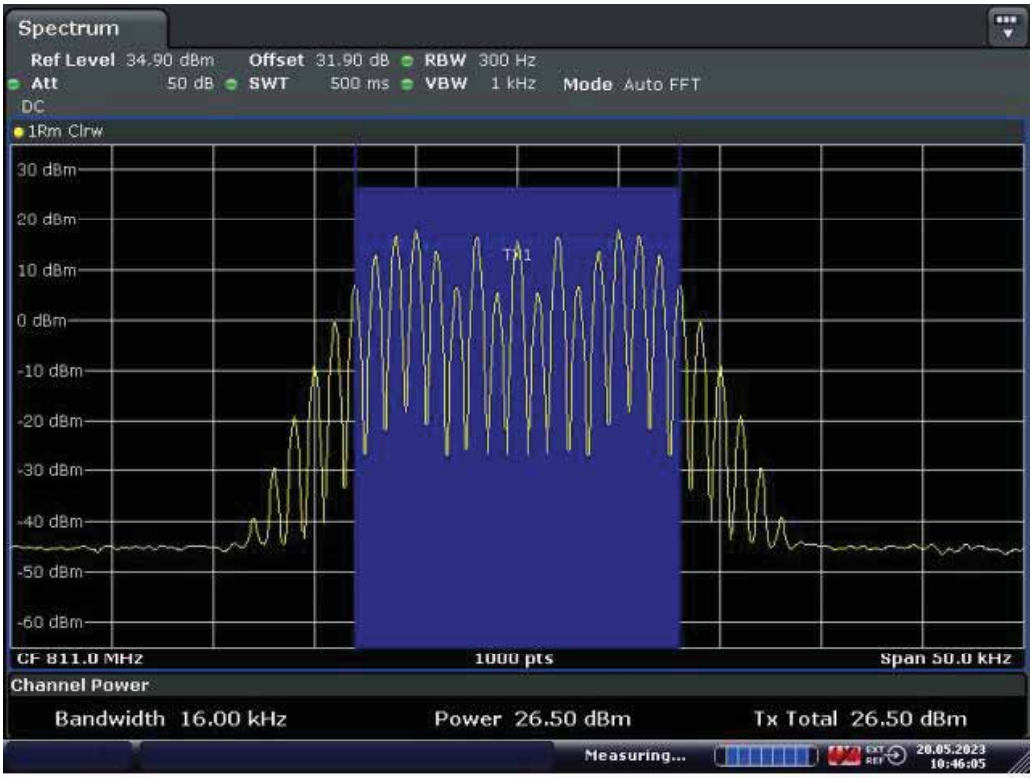


Middle Frequency: 856.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

11.15.2.3.2.4.2. Uplink

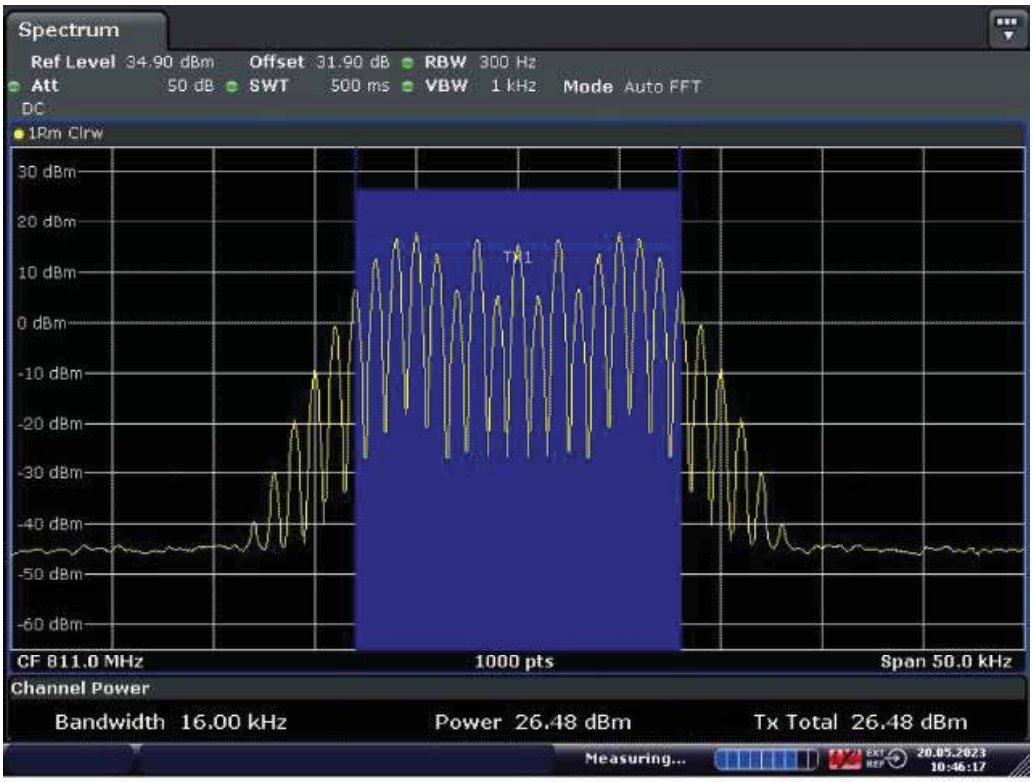


Middle Frequency: 811.0MHz MHz, Input occupied BW



Date: 20.MAY.2023 10:46:05

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

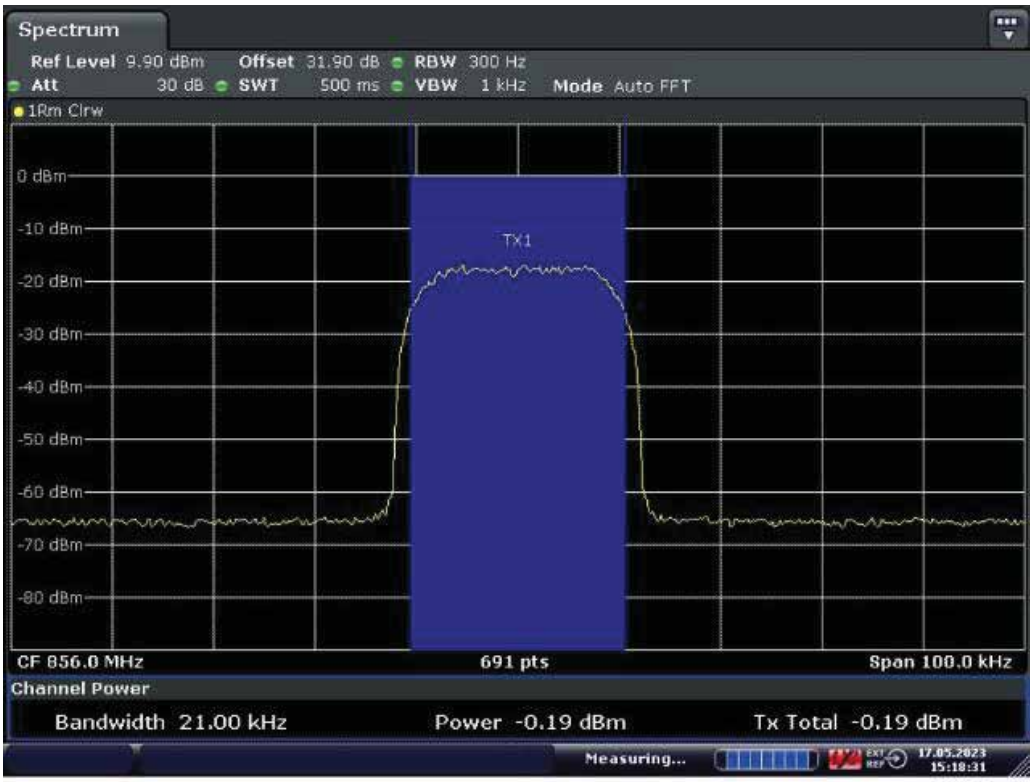


Date: 20.MAY.2023 10:46:17

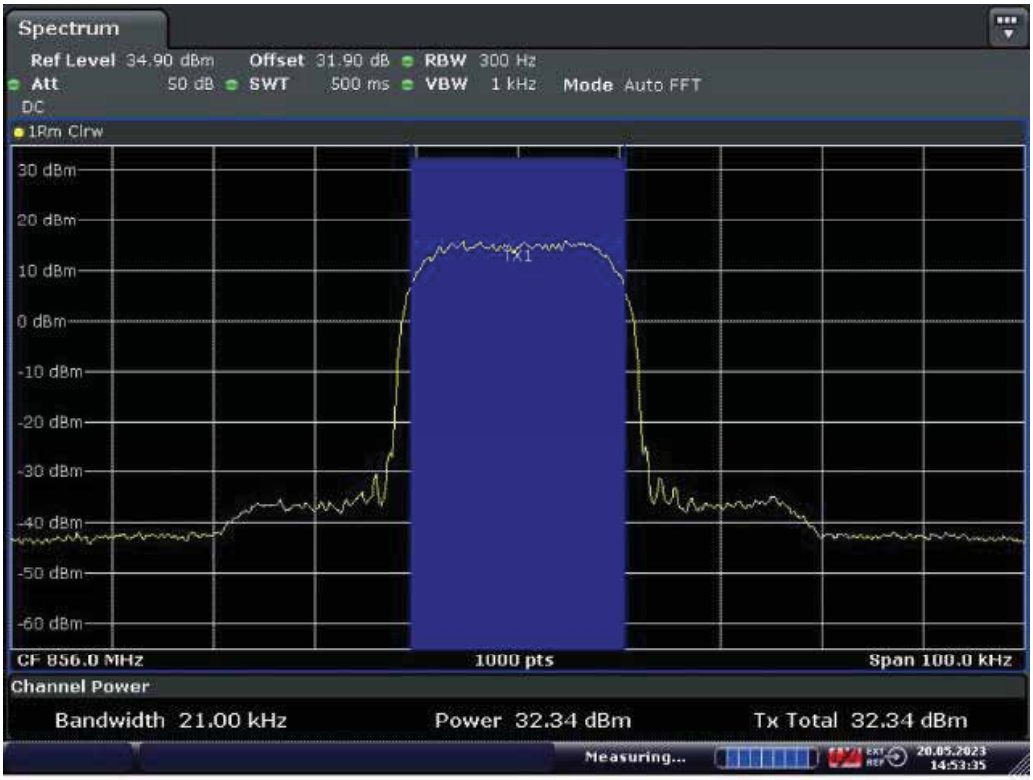
Middle Frequency: 811.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

11.15.2.3.2.5. Tetra

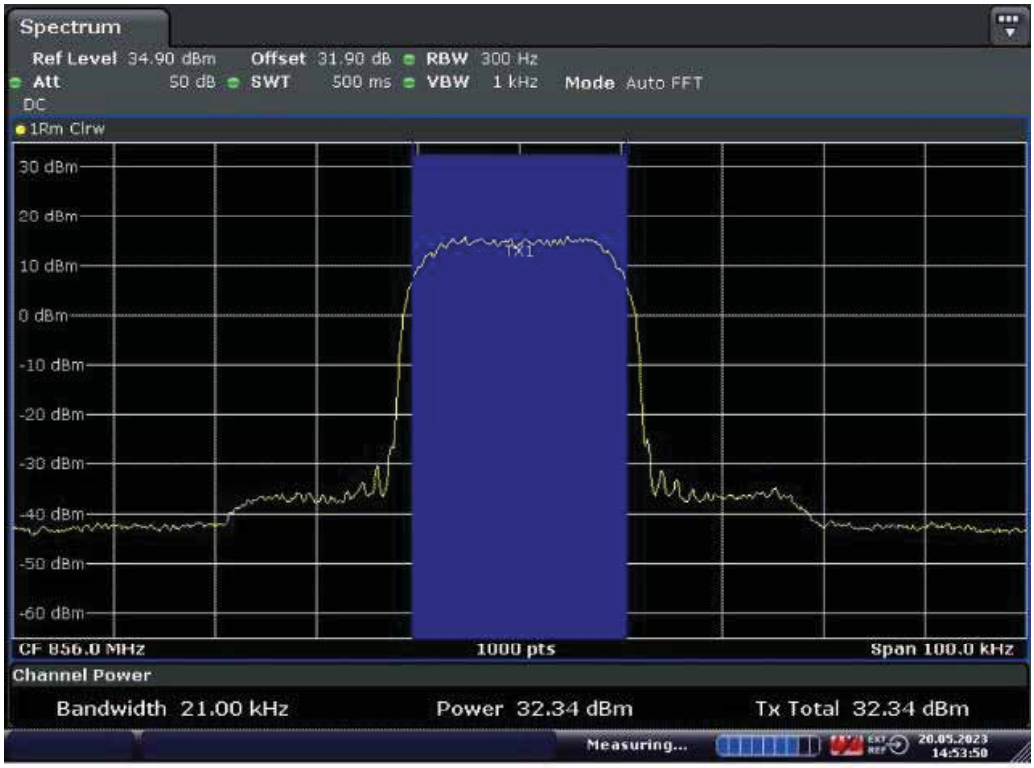
11.15.2.3.2.5.1. Downlink



Middle Frequency: 856.0MHz, Input occupied BW

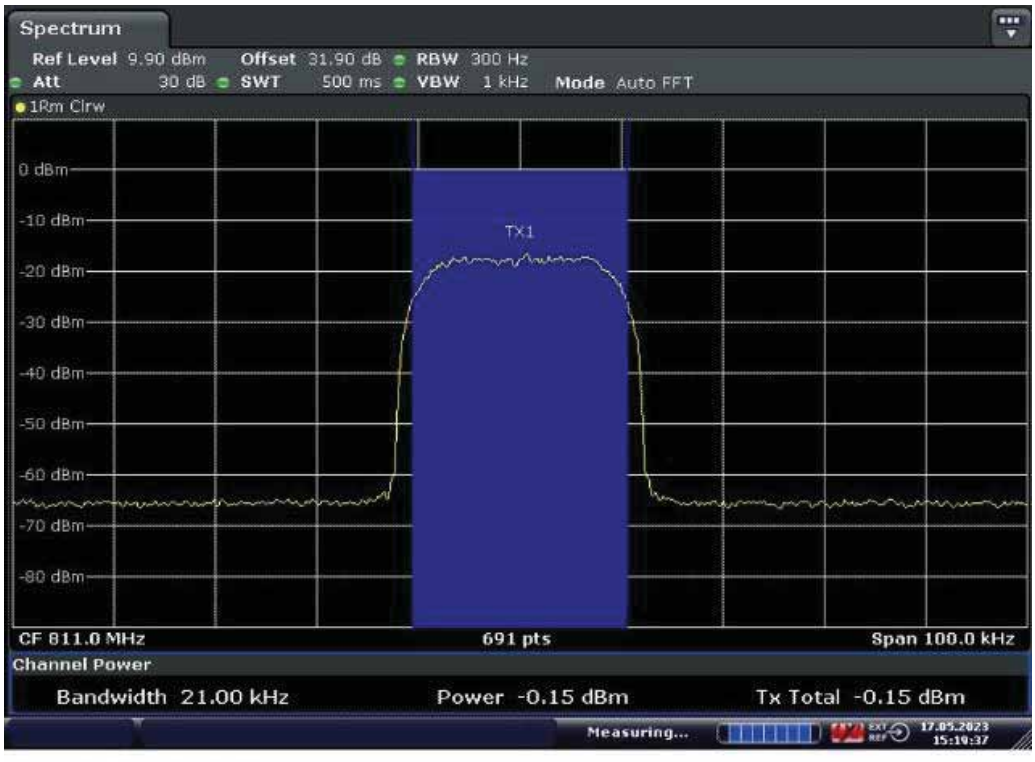


Middle Frequency: 856.0MHz, Output occupied BW(AGC)

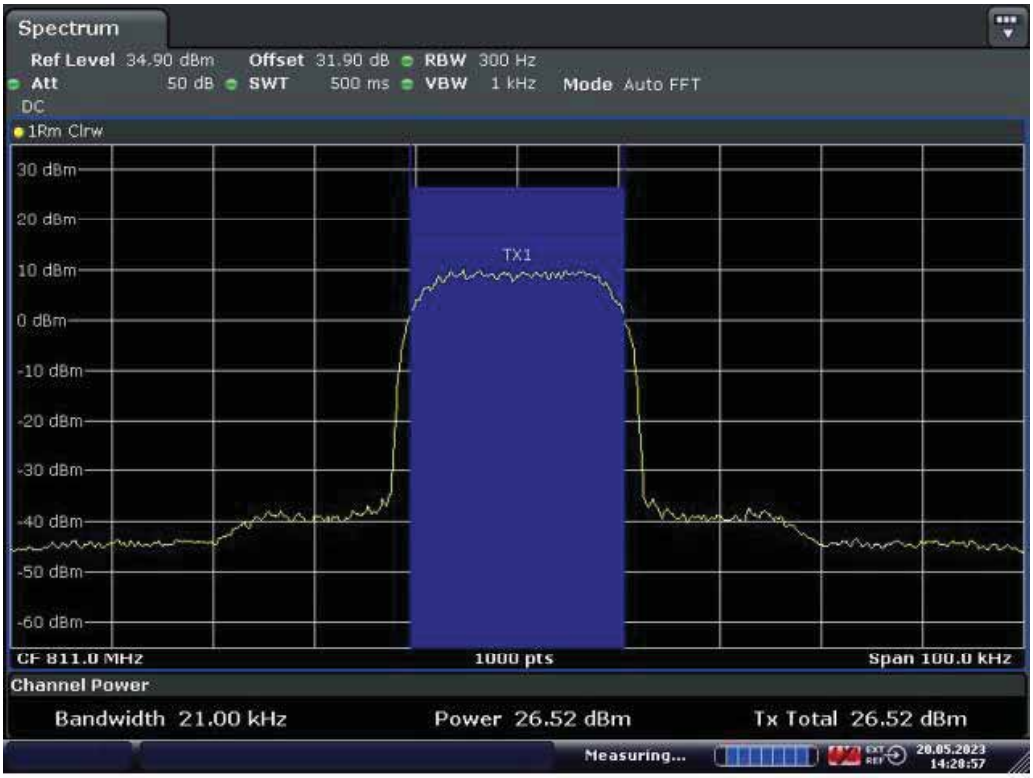


Middle Frequency: 856.0MHz, Output occupied BW (with the input signal amplitude set 3 dB above the AGC threshold)

11.15.2.3.2.5.2. Uplink



Middle Frequency: 811.0MHz MHz, Input occupied BW



Date: 20.MAY.2023 14:28:57

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

Date: 20.MAY.2023 14:29:10

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

11.16. Mean power and amplifier/booster gain

11.16.1. Test results

Test Date (yy-mm-dd): 2023-05-20

Normal condition: Temp:27.1℃, Humid: 54%, Atmospheric Pressure:101kpa

Supply Voltage: AC 110V, 50Hz

11.16.1.1. Mean power and gain

11.16.1.1.1. 700MHz Band

11.16.1.1.1.1. Downlink

Test link	Frequency (MHz)	Sig output power (dBm)	Input Cable Loss (dB)	Peak power (dBm)	Output Atten +Output Cable Loss(dB)	Output power (dBm)	Output power (W)	Gain (dB)
1. P25 Phase I(C4FM)								
Down(1)	769.00625	-53.8	1.1	-0.8	31.9	31.1	1.3	84.9
Down(2)	769.00625	-50.8	1.1	-0.8	31.9	31.1	1.3	81.9
Down(1)	772.0	-56.2	1.1	0.4	31.9	32.3	1.7	88.5
Down(2)	772.0	-53.2	1.1	0.4	31.9	32.3	1.7	85.5
Down(1)	774.99375	-54.2	1.1	-1.6	31.9	30.3	1.1	84.5
Down(2)	774.99375	-51.2	1.1	-1.6	31.9	30.3	1.1	81.5
2. P25 Phase II(H-DQPSK)								
Down(1)	769.00625	-53.8	1.1	-0.9	31.9	31.0	1.3	84.8
Down(2)	769.00625	-50.8	1.1	-0.9	31.9	31.0	1.3	81.8
Down(1)	772.0	-56.2	1.1	0.5	31.9	32.4	1.7	88.6
Down(2)	772.0	-53.2	1.1	0.5	31.9	32.4	1.7	85.6
Down(1)	774.99375	-54.2	1.1	-1.6	31.9	30.3	1.1	84.5
Down(2)	774.99375	-51.2	1.1	-1.6	31.9	30.3	1.1	81.5
3. DMR								
Down(1)	769.00625	-53.9	1.1	-0.8	31.9	31.1	1.3	85.0
Down(2)	769.00625	-50.9	1.1	-0.8	31.9	31.1	1.3	82.0
Down(1)	772.0	-56.0	1.1	0.7	31.9	32.6	1.8	88.6
Down(2)	772.0	-53.0	1.1	0.7	31.9	32.6	1.8	85.6
Down(1)	774.99375	-54.1	1.1	-1.3	31.9	30.6	1.2	84.7
Down(2)	774.99375	-51.1	1.1	-1.3	31.9	30.6	1.2	81.7

4. Analog FM								
Down(1)	769.0125	-53.8	1.1	-0.9	31.9	31.0	1.3	84.8
Down(2)	769.0125	-50.8	1.1	-0.9	31.9	31.0	1.3	81.8
Down(1)	772.0	-56.0	1.1	0.6	31.9	32.5	1.8	88.5
Down(2)	772.0	-53.0	1.1	0.6	31.9	32.5	1.8	85.5
Down(1)	774.9875	-54.1	1.1	-1.6	31.9	30.3	1.1	84.4
Down(2)	774.9875	-51.1	1.1	-1.6	31.9	30.3	1.1	81.4
5. Tetra								
Down(1)	769.0125	-53.8	1.1	-0.8	31.9	31.1	1.3	84.9
Down(2)	769.0125	-50.8	1.1	-0.8	31.9	31.1	1.3	81.9
Down(1)	772.0	-56.0	1.1	0.6	31.9	32.5	1.8	88.5
Down(2)	772.0	-53.0	1.1	0.6	31.9	32.5	1.8	85.5
Down(1)	774.9875	-54.2	1.1	-1.7	31.9	30.2	1.1	84.4
Down(2)	774.9875	-51.2	1.1	-1.7	31.9	30.2	1.1	81.4

NOTE: (1) Level is 0.5 dB below AGC threshold; (2) Level is 3dB above AGC threshold.

11.16.1.1.1.2. Uplink

Test link	Frequency (MHz)	Sig output power (dBm)	Input Cable Loss (dB)	Peak power (dBm)	Output Atten +Output Cable Loss(dB)	Output power (dBm)	Output power (W)	Gain (dB)
1. P25 Phase I(C4FM)								
Up(1)	799.00625	-60.2	1.1	-7.7	31.9	24.2	0.3	85.5
Up(2)	799.00625	-57.2	1.1	-7.7	31.9	24.2	0.3	82.5
Up(1)	802.0	-62.2	1.1	-5.8	31.9	26.1	0.4	89.4
Up(2)	802.0	-59.2	1.1	-5.8	31.9	26.1	0.4	86.4
Up(1)	804.99375	-63.0	1.1	-5.9	31.9	26.0	0.4	90.1
Up(2)	804.99375	-60.0	1.1	-5.9	31.9	26.0	0.4	87.1
2. P25 Phase II(H-DQPSK)								
Up(1)	799.00625	-59.3	1.1	-7.0	31.9	24.9	0.3	85.3
Up(2)	799.00625	-56.3	1.1	-7.0	31.9	24.9	0.3	82.3
Up(1)	802.0	-61.7	1.1	-5.4	31.9	26.5	0.4	89.3
Up(2)	802.0	-58.7	1.1	-5.4	31.9	26.5	0.4	86.3

Up(1)	804.99375	-62.4	1.1	-5.4	31.9	26.5	0.4	90.0
Up(2)	804.99375	-59.4	1.1	-5.4	31.9	26.5	0.4	87.0
3. DMR								
Up(1)	799.00625	-59.3	1.1	-7.0	31.9	24.9	0.3	85.3
Up(2)	799.00625	-56.3	1.1	-7.0	31.9	24.9	0.3	82.3
Up(1)	802.0	-61.7	1.1	-5.4	31.9	26.5	0.4	89.3
Up(2)	802.0	-58.7	1.1	-5.4	31.9	26.5	0.4	86.3
Up(1)	804.99375	-62.1	1.1	-5.1	31.9	26.8	0.5	90.0
Up(2)	804.99375	-59.1	1.1	-5.1	31.9	26.8	0.5	87.0
4. Analog FM								
Up(1)	799.0125	-58.6	1.1	-6.8	31.9	25.1	0.3	84.8
Up(2)	799.0125	-55.6	1.1	-6.8	31.9	25.1	0.3	81.8
Up(1)	802.0	-61.5	1.1	-5.2	31.9	26.7	0.5	89.3
Up(2)	802.0	-58.5	1.1	-5.2	31.9	26.7	0.5	86.3
Up(1)	804.9875	-61.5	1.1	-5.1	31.9	26.8	0.5	89.4
Up(2)	804.9875	-58.5	1.1	-5.1	31.9	26.8	0.5	86.4
5. Tetra								
Up(1)	799.0125	-59.1	1.1	-6.4	31.9	25.5	0.4	85.7
Up(2)	799.0125	-56.1	1.1	-6.4	31.9	25.5	0.4	82.7
Up(1)	802.0	-61.5	1.1	-5.3	31.9	26.6	0.5	89.2
Up(2)	802.0	-58.5	1.1	-5.3	31.9	26.6	0.5	86.2
Up(1)	804.9875	-62.1	1.1	-5.2	31.9	26.7	0.5	89.9
Up(2)	804.9875	-59.1	1.1	-5.2	31.9	26.7	0.5	86.9

NOTE: (1) Level is 0.5 dB below AGC threshold; (2) Level is 3dB above AGC threshold.

———— The following blanks ————

11.16.1.1.2. 800MHz Band

11.16.1.1.2.1. Downlink

Test link	Frequency (MHz)	Sig output power (dBm)	Input Cable Loss (dB)	Peak power (dBm)	Output Atten +Output Cable Loss(dB)	Output power (dBm)	Output power (W)	Gain (dB)
1. P25 Phase I(C4FM)								
Down(1)	851.00625	-55.4	1.1	-2.7	31.9	29.2	0.8	85.7
Down(2)	851.00625	-52.4	1.1	-2.7	31.9	29.2	0.8	82.7
Down(1)	856.0	-57.4	1.1	0.7	31.9	32.6	1.8	91.1
Down(2)	856.0	-54.4	1.1	0.7	31.9	32.6	1.8	88.1
Down(1)	860.99375	-56.9	1.1	-0.5	31.9	31.4	1.4	89.4
Down(2)	860.99375	-53.9	1.1	-0.5	31.9	31.4	1.4	86.4
2. P25 Phase II(H-DQPSK)								
Down(1)	851.00625	-55.6	1.1	-2.9	31.9	29.0	0.8	85.7
Down(2)	851.00625	-52.6	1.1	-2.9	31.9	29.0	0.8	82.7
Down(1)	856.0	-57.6	1.1	0.5	31.9	32.4	1.7	91.1
Down(2)	856.0	-54.6	1.1	0.5	31.9	32.4	1.7	88.1
Down(1)	860.99375	-56.9	1.1	-0.7	31.9	31.2	1.3	89.2
Down(2)	860.99375	-53.9	1.1	-0.7	31.9	31.2	1.3	86.2
3. DMR								
Down(1)	851.00625	-55.4	1.1	-2.7	31.9	29.2	0.8	85.7
Down(2)	851.00625	-52.4	1.1	-2.7	31.9	29.2	0.8	82.7
Down(1)	856.0	-57.3	1.1	0.8	31.9	32.7	1.9	91.1
Down(2)	856.0	-54.3	1.1	0.8	31.9	32.7	1.9	88.1
Down(1)	860.99375	-56.8	1.1	-0.4	31.9	31.5	1.4	89.4
Down(2)	860.99375	-53.8	1.1	-0.4	31.9	31.5	1.4	86.4
4. Analog FM mode								
Down(1)	851.0125	-55.6	1.1	-2.9	31.9	29.0	0.8	85.7
Down(2)	851.0125	-52.6	1.1	-2.9	31.9	29.0	0.8	82.7
Down(1)	856.0	-57.6	1.1	0.4	31.9	32.3	1.7	91.0
Down(2)	856.0	-54.6	1.1	0.4	31.9	32.3	1.7	88.0
Down(1)	860.9875	-56.9	1.1	-0.6	31.9	31.3	1.3	89.3

Down(2)	860.9875	-53.9	1.1	-0.6	31.9	31.3	1.3	86.3
5. Tetra								
Down(1)	851.0125	-55.6	1.1	-2.9	31.9	29.0	0.8	85.7
Down(2)	851.0125	-52.6	1.1	-2.9	31.9	29.0	0.8	82.7
Down(1)	856.0	-57.6	1.1	0.4	31.9	32.3	1.7	91.0
Down(2)	856.0	-54.6	1.1	0.4	31.9	32.3	1.7	88.0
Down(1)	860.9875	-56.9	1.1	-0.5	31.9	31.4	1.4	89.4
Down(2)	860.9875	-53.9	1.1	-0.5	31.9	31.4	1.4	86.4

NOTE: (1) Level is 0.5 dB below AGC threshold; (2) Level is 3dB above AGC threshold.

11.16.1.1.2.2. Uplink

Test link	Frequency (MHz)	Sig output power (dBm)	Input Cable Loss (dB)	Peak power (dBm)	Output Atten +Output Cable Loss(dB)	Output power (dBm)	Output power (W)	Gain (dB)
1. P25 Phase I(C4FM)								
Up(1)	806.00625	-62.3	1.1	-5.3	31.9	26.6	0.5	90.0
Up(2)	806.00625	-59.3	1.1	-5.3	31.9	26.6	0.5	87.0
Up(1)	811.0	-61.3	1.1	-5.3	31.9	26.6	0.5	89.0
Up(2)	811.0	-58.3	1.1	-5.3	31.9	26.6	0.5	86.0
Up(1)	815.99375	-59.3	1.1	-6.6	31.9	25.3	0.3	85.7
Up(2)	815.99375	-56.3	1.1	-6.6	31.9	25.3	0.3	82.7
2. P25 Phase II(H-DQPSK)								
Up(1)	806.00625	-62.3	1.1	-5.4	31.9	26.5	0.4	89.9
Up(2)	806.00625	-59.3	1.1	-5.4	31.9	26.5	0.4	86.9
Up(1)	811.0	-61.3	1.1	-5.4	31.9	26.5	0.4	88.9
Up(2)	811.0	-58.3	1.1	-5.4	31.9	26.5	0.4	85.9
Up(1)	815.99375	-59.3	1.1	-6.6	31.9	25.3	0.3	85.7
Up(2)	815.99375	-56.3	1.1	-6.6	31.9	25.3	0.3	82.7
3. DMR								
Up(1)	806.00625	-62.3	1.1	-5.4	31.9	26.5	0.4	89.9
Up(2)	806.00625	-59.3	1.1	-5.4	31.9	26.5	0.4	86.9
Up(1)	811.0	-61.3	1.1	-5.4	31.9	26.5	0.4	88.9
Up(2)	811.0	-58.3	1.1	-5.4	31.9	26.5	0.4	85.9

Up(1)	815.99375	-58.9	1.1	-6.3	31.9	25.6	0.4	85.6
Up(2)	815.99375	-55.9	1.1	-6.3	31.9	25.6	0.4	82.6
4. Analog FM mode								
Up(1)	806.0125	-61.7	1.1	-5.3	31.9	26.6	0.5	89.4
Up(2)	806.0125	-58.7	1.1	-5.3	31.9	26.6	0.5	86.4
Up(1)	811.0	-61.3	1.1	-5.4	31.9	26.5	0.4	88.9
Up(2)	811.0	-58.3	1.1	-5.4	31.9	26.5	0.4	85.9
Up(1)	815.9875	-58.5	1.1	-6.4	31.9	25.5	0.4	85.1
Up(2)	815.9875	-55.5	1.1	-6.4	31.9	25.5	0.4	82.1
5. Tetra								
Up(1)	806.0125	-62.1	1.1	-5.1	31.9	26.8	0.5	90.0
Up(2)	806.0125	-59.1	1.1	-5.1	31.9	26.8	0.5	87.0
Up(1)	811.0	-61.5	1.1	-5.4	31.9	26.5	0.4	89.1
Up(2)	811.0	-58.5	1.1	-5.4	31.9	26.5	0.4	86.1
Up(1)	815.9875	-59.0	1.1	-6.4	31.9	25.5	0.4	85.6
Up(2)	815.9875	-56.0	1.1	-6.4	31.9	25.5	0.4	82.6

NOTE: (1) Level is 0.5 dB below AGC threshold; (2) Level is 3dB above AGC threshold.

———— The following blanks ————

11.16.1.2. ERP Calculations

11.16.1.2.1. 700MHz Band

11.16.1.2.1.1. Downlink

Test link	Frequency (MHz)	EUT Max. output power (dBm)	Max. Ant Gain(dBi)	ERP (W)	ERP Limit (W)	AGC Mode
1. P25 Phase I(C4FM)						
Down	769.00625	31.1	4.0	3.2	5.0	-0.5dB Below
Down	769.00625	31.1	4.0	3.2	5.0	+3.0dB above
Down	772.0	32.3	4.0	4.3	5.0	-0.5dB Below
Down	772.0	32.3	4.0	4.3	5.0	+3.0dB above
Down	774.99375	30.3	4.0	2.7	5.0	-0.5dB Below
Down	774.99375	30.3	4.0	2.7	5.0	+3.0dB above
2. P25 Phase II(H-DQPSK)						
Down	769.00625	31.0	4.0	3.2	5.0	-0.5dB Below
Down	769.00625	31.0	4.0	3.2	5.0	+3.0dB above
Down	772.0	32.4	4.0	4.4	5.0	-0.5dB Below
Down	772.0	32.4	4.0	4.4	5.0	+3.0dB above
Down	774.99375	30.3	4.0	2.7	5.0	-0.5dB Below
Down	774.99375	30.3	4.0	2.7	5.0	+3.0dB above
3. DMR						
Down	769.00625	31.1	4.0	3.2	5.0	-0.5dB Below
Down	769.00625	31.1	4.0	3.2	5.0	+3.0dB above
Down	772.0	32.6	4.0	4.6	5.0	-0.5dB Below
Down	772.0	32.6	4.0	4.6	5.0	+3.0dB above
Down	774.99375	30.6	4.0	2.9	5.0	-0.5dB Below
Down	774.99375	30.6	4.0	2.9	5.0	+3.0dB above
4. Analog FM						
Down	769.0125	31.0	4.0	3.2	5.0	-0.5dB Below
Down	768.0125	31.0	4.0	3.2	5.0	+3.0dB above
Down	772.0	32.5	4.0	4.5	5.0	-0.5dB Below
Down	772.0	32.5	4.0	4.5	5.0	+3.0dB above
Down	774.9875	30.3	4.0	2.7	5.0	-0.5dB Below

Down	774.9875	30.3	4.0	2.7	5.0	+3.0dB above
5. Tetra						
Down	769.0125	31.1	4.0	3.2	5.0	-0.5dB Below
Down	768.0125	31.1	4.0	3.2	5.0	+3.0dB above
Down	772.0	32.5	4.0	4.5	5.0	-0.5dB Below
Down	772.0	32.5	4.0	4.5	5.0	+3.0dB above
Down	774.9875	30.2	4.0	2.6	5.0	-0.5dB Below
Down	774.9875	30.2	4.0	2.6	5.0	+3.0dB above

11.16.1.2.1.2. Uplink

Test link	Frequency (MHz)	EUT Max. output power (dBm)	Max. Ant Gain(dBi)	ERP (W)	ERP Limit (W)	AGC Mode
1. P25 Phase I(C4FM)						
Up	799.00625	24.2	9.0	2.1	5.0	-0.5dB Below
Up	799.00625	24.2	9.0	2.1	5.0	+3.0dB above
Up	802.0	26.1	9.0	3.2	5.0	-0.5dB Below
Up	802.0	26.1	9.0	3.2	5.0	+3.0dB above
Up	804.99375	26.0	9.0	3.2	5.0	-0.5dB Below
Up	804.99375	26.0	9.0	3.2	5.0	+3.0dB above
2. P25 Phase II(H-DQPSK)						
Up	799.00625	24.9	9.0	2.5	5.0	-0.5dB Below
Up	799.00625	24.9	9.0	2.5	5.0	+3.0dB above
Up	802.0	26.5	9.0	3.5	5.0	-0.5dB Below
Up	802.0	26.5	9.0	3.5	5.0	+3.0dB above
Up	804.99375	26.5	9.0	3.5	5.0	-0.5dB Below
Up	804.99375	26.5	9.0	3.5	5.0	+3.0dB above
3. DMR						
Up	799.00625	24.9	9.0	2.5	5.0	-0.5dB Below
Up	799.00625	24.9	9.0	2.5	5.0	+3.0dB above
Up	802.0	26.5	9.0	3.5	5.0	-0.5dB Below
Up	802.0	26.5	9.0	3.5	5.0	+3.0dB above

Up	804.99375	26.8	9.0	3.8	5.0	-0.5dB Below
Up	804.99375	26.8	9.0	3.8	5.0	+3.0dB above
4. Analog FM mode						
Up	799.0125	25.1	9.0	2.6	5.0	-0.5dB Below
Up	799.0125	25.1	9.0	2.6	5.0	+3.0dB above
Up	802.0	26.7	9.0	3.7	5.0	-0.5dB Below
Up	802.0	26.7	9.0	3.7	5.0	+3.0dB above
Up	804.9875	26.8	9.0	3.8	5.0	-0.5dB Below
Up	804.9875	26.8	9.0	3.8	5.0	+3.0dB above
5. Tetra						
Up	799.0125	25.5	9.0	2.8	5.0	-0.5dB Below
Up	799.0125	25.5	9.0	2.8	5.0	+3.0dB above
Up	802.0	26.6	9.0	3.6	5.0	-0.5dB Below
Up	802.0	26.6	9.0	3.6	5.0	+3.0dB above
Up	804.9875	26.7	9.0	3.7	5.0	-0.5dB Below
Up	804.9875	26.7	9.0	3.7	5.0	+3.0dB above

———— The following blanks ————

11.16.1.2.2. 800MHz Band

11.16.1.2.2.1. Downlink

Test link	Frequency (MHz)	EUT Max. output power (dBm)	Max. Ant Gain(dBi)	ERP (W)	ERP Limit (W)	AGC Mode
1. P25 Phase I(C4FM)						
Down	851.00625	29.2	4.0	2.1	5.0	-0.5dB Below
Down	851.00625	29.2	4.0	2.1	5.0	+3.0dB above
Down	856.0	32.6	4.0	4.6	5.0	-0.5dB Below
Down	856.0	32.6	4.0	4.6	5.0	+3.0dB above
Down	860.99375	31.4	4.0	3.5	5.0	-0.5dB Below
Down	860.99375	31.4	4.0	3.5	5.0	+3.0dB above
2. P25 Phase II(H-DQPSK)						
Down	851.00625	29.0	4.0	2.0	5.0	-0.5dB Below
Down	851.00625	29.0	4.0	2.0	5.0	+3.0dB above
Down	856.0	32.4	4.0	4.4	5.0	-0.5dB Below
Down	856.0	32.4	4.0	4.4	5.0	+3.0dB above
Down	860.99375	31.2	4.0	3.3	5.0	-0.5dB Below
Down	860.99375	31.2	4.0	3.3	5.0	+3.0dB above
3. DMR						
Down	851.00625	29.2	4.0	2.1	5.0	-0.5dB Below
Down	851.00625	29.2	4.0	2.1	5.0	+3.0dB above
Down	856.0	32.7	4.0	4.7	5.0	-0.5dB Below
Down	856.0	32.7	4.0	4.7	5.0	+3.0dB above
Down	860.99375	31.5	4.0	3.5	5.0	-0.5dB Below
Down	860.99375	31.5	4.0	3.5	5.0	+3.0dB above
4. Analog FM						
Down	851.0125	29.0	4.0	2.0	5.0	-0.5dB Below
Down	851.0125	29.0	4.0	2.0	5.0	+3.0dB above
Down	856.0	32.3	4.0	4.3	5.0	-0.5dB Below
Down	856.0	32.3	4.0	4.3	5.0	+3.0dB above
Down	860.9875	31.3	4.0	3.4	5.0	-0.5dB Below

Down	860.9875	31.3	4.0	3.4	5.0	+3.0dB above
5. Tetra						
Down	851.0125	29.0	4.0	2.0	5.0	-0.5dB Below
Down	851.0125	29.0	4.0	2.0	5.0	+3.0dB above
Down	856.0	32.3	4.0	4.3	5.0	-0.5dB Below
Down	856.0	32.3	4.0	4.3	5.0	+3.0dB above
Down	860.9875	31.4	4.0	3.5	5.0	-0.5dB Below
Down	860.9875	31.4	4.0	3.5	5.0	+3.0dB above

11.16.1.2.2.2. Uplink

Test link	Frequency (MHz)	EUT Max. output power (dBm)	Max. Ant Gain(dBi)	ERP (W)	ERP Limit (W)	AGC Mode
1. P25 Phase I(C4FM)						
Up	806.00625	26.6	9.0	3.6	5.0	-0.5dB Below
Up	806.00625	26.6	9.0	3.6	5.0	+3.0dB above
Up	811.0	26.6	9.0	3.6	5.0	-0.5dB Below
Up	811.0	26.6	9.0	3.6	5.0	+3.0dB above
Up	815.99375	25.3	9.0	2.7	5.0	-0.5dB Below
Up	815.99375	25.3	9.0	2.7	5.0	+3.0dB above
2. P25 Phase II(H-DQPSK)						
Up	806.00625	26.5	9.0	3.5	5.0	-0.5dB Below
Up	806.00625	26.5	9.0	3.5	5.0	+3.0dB above
Up	811.0	26.5	9.0	3.5	5.0	-0.5dB Below
Up	811.0	26.5	9.0	3.5	5.0	+3.0dB above
Up	815.99375	25.3	9.0	2.7	5.0	-0.5dB Below
Up	815.99375	25.3	9.0	2.7	5.0	+3.0dB above
3. DMR						
Up	806.00625	26.5	9.0	3.5	5.0	-0.5dB Below
Up	806.00625	26.5	9.0	3.5	5.0	+3.0dB above
Up	811.0	26.5	9.0	3.5	5.0	-0.5dB Below
Up	811.0	26.5	9.0	3.5	5.0	+3.0dB above

Up	815.99375	25.6	9.0	2.9	5.0	-0.5dB Below
Up	815.99375	25.6	9.0	2.9	5.0	+3.0dB above
4. Analog FM						
Up	806.0125	26.6	9.0	3.6	5.0	-0.5dB Below
Up	806.0125	26.6	9.0	3.6	5.0	+3.0dB above
Up	811.0	26.5	9.0	3.5	5.0	-0.5dB Below
Up	811.0	26.5	9.0	3.5	5.0	+3.0dB above
Up	815.9875	25.5	9.0	2.8	5.0	-0.5dB Below
Up	815.9875	25.5	9.0	2.8	5.0	+3.0dB above
5. Tetra						
Up	806.0125	26.8	9.0	3.8	5.0	-0.5dB Below
Up	806.0125	26.8	9.0	3.8	5.0	+3.0dB above
Up	811.0	26.5	9.0	3.5	5.0	-0.5dB Below
Up	811.0	26.5	9.0	3.5	5.0	+3.0dB above
Up	815.9875	25.5	9.0	2.8	5.0	-0.5dB Below
Up	815.9875	25.5	9.0	2.8	5.0	+3.0dB above

———— The following blanks ————