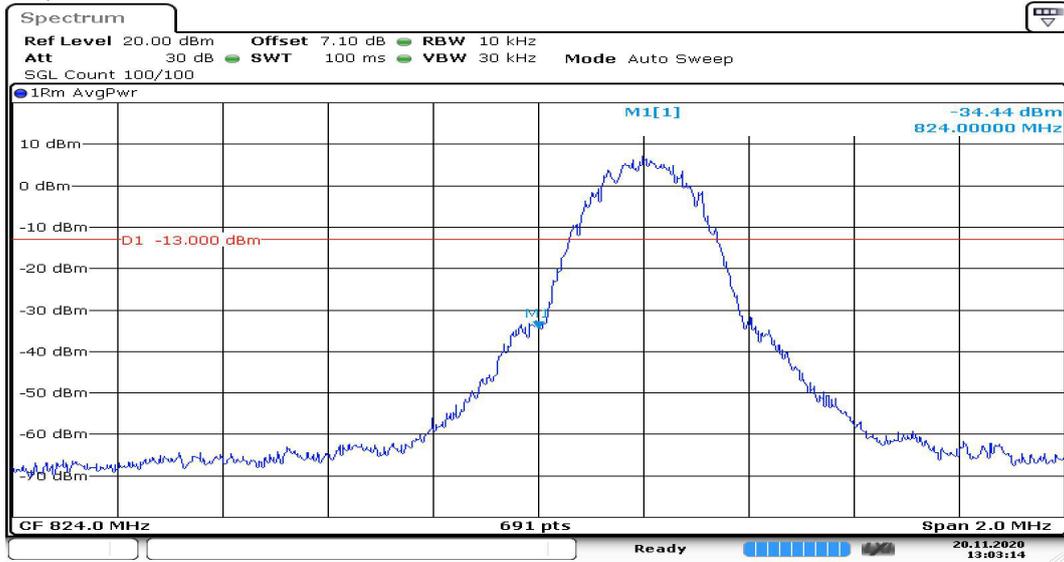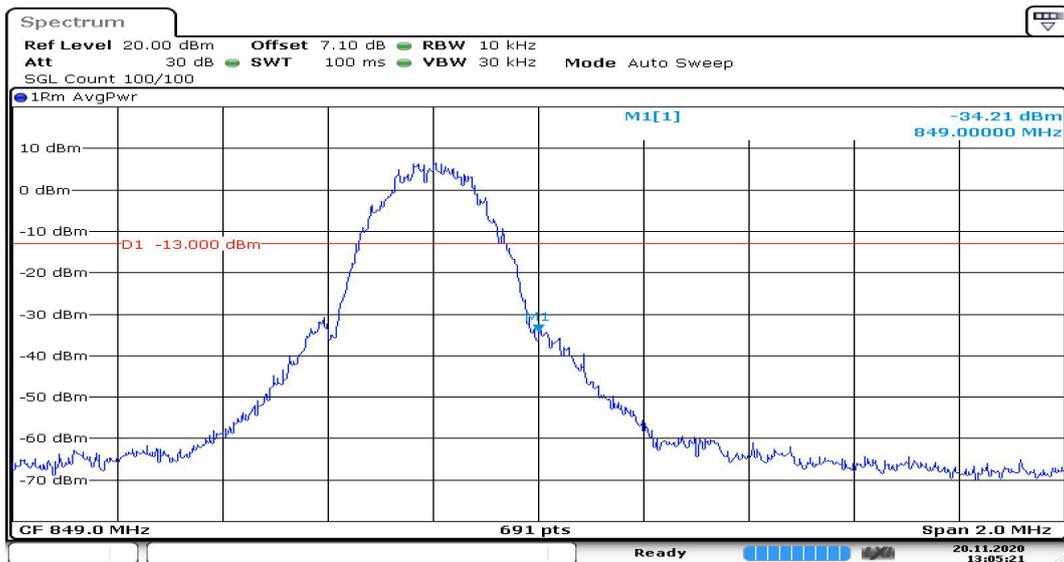EDGE (8PSK) MODE:

Date: 20.NOV.2020 13:03:14
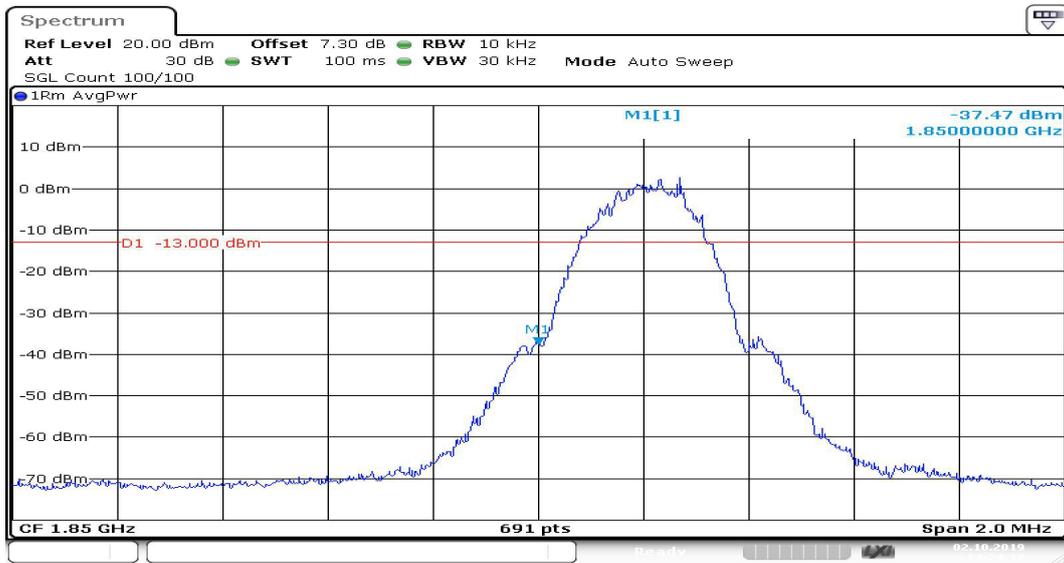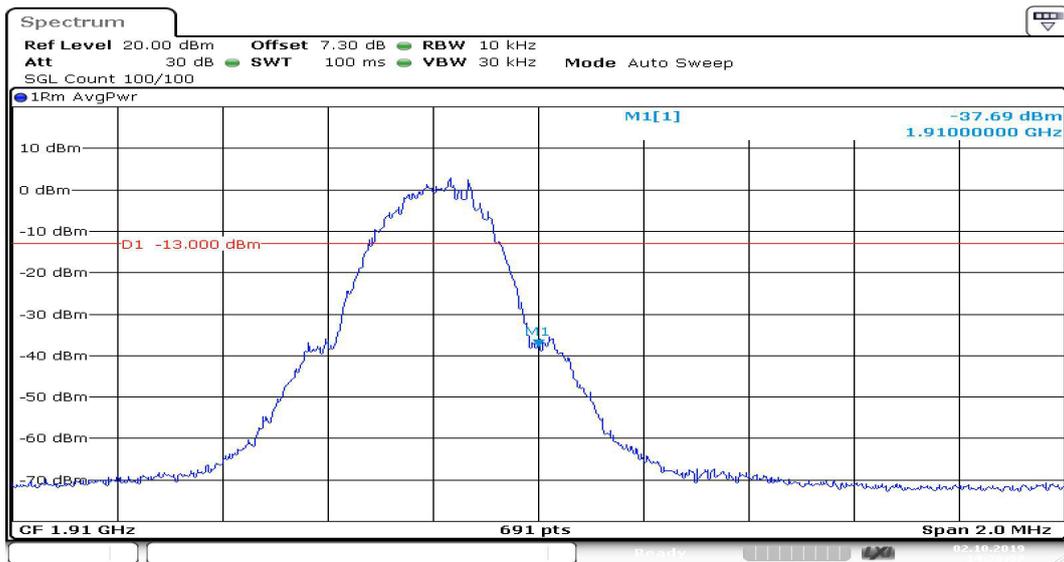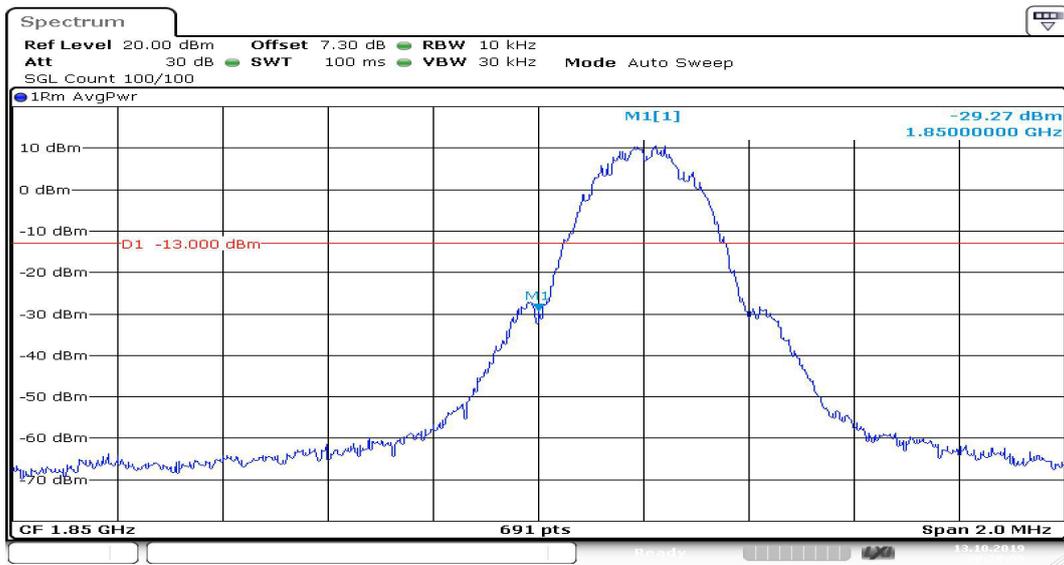
Channel 128

Date: 20.NOV.2020 13:05:21

Channel 251

PCS1900
GSM MODE:

Channel 512

Channel 810

GPRS MODE:

Date: 13.OCT.2019 20:28:10

Channel 512

Date: 13.OCT.2019 20:30:23
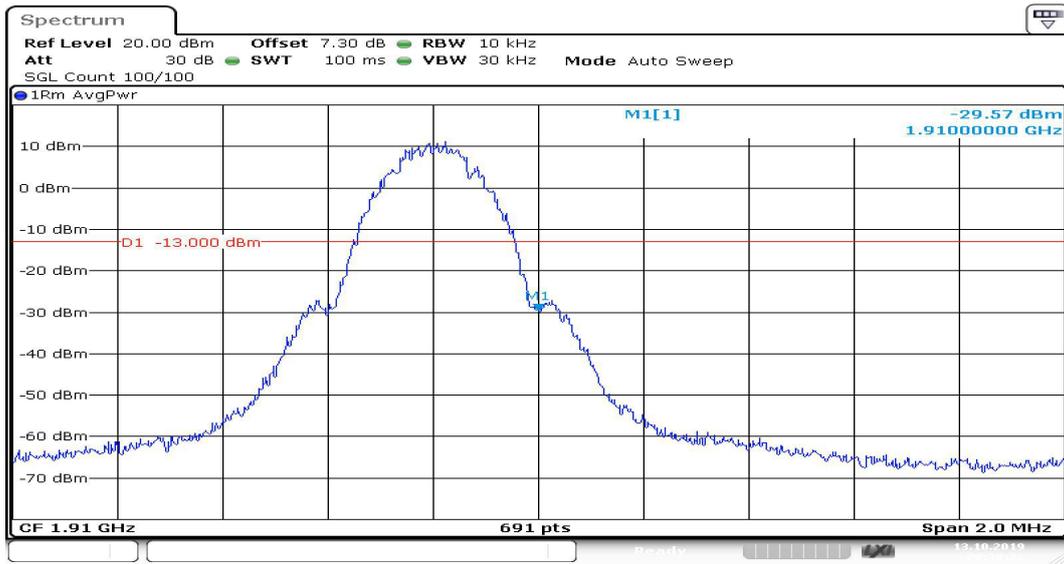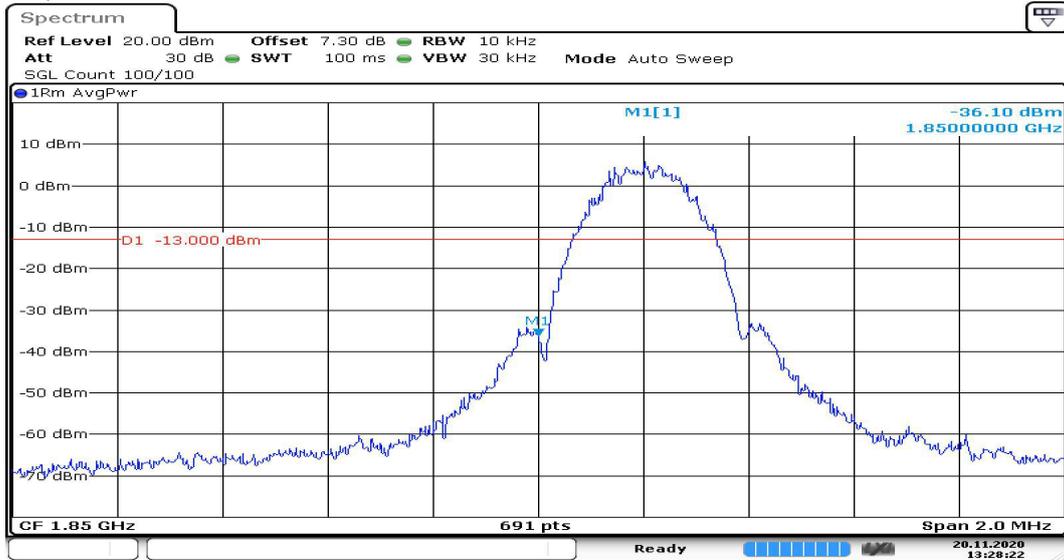
Channel 810

EDGE (8PSK) MODE:

Date: 20.NOV.2020 13:28:22

Channel 512
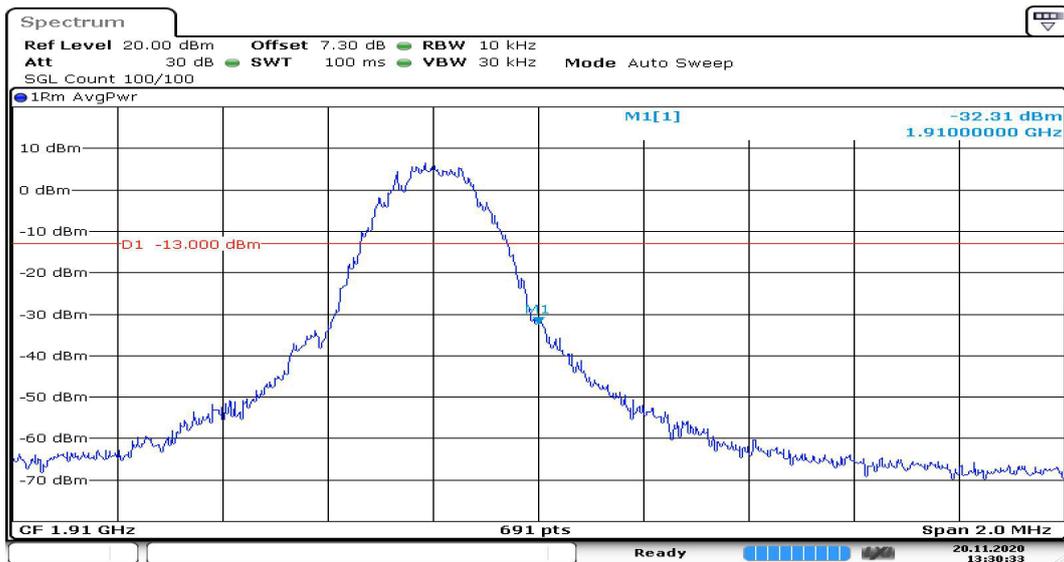
Date: 20.NOV.2020 13:30:33

Channel 810

6. Frequency Stability
GSM850

GSM MODE:

Temperature(°C)	Test Result (ppm)@NV		
	Channel 128	Channel 189	Channel 251
-10	0.000	0.012	-0.010
0	0.008	-0.004	-0.018
+10	0.001	0.002	-0.015
+20	0.000	0.000	0.000
+30	0.000	0.006	-0.003
+40	0.004	0.009	-0.009
+50	0.000	0.001	-0.001
+55	0.006	-0.001	-0.002
Voltage	Test Result (ppm)@NT		
	Channel 128	Channel 189	Channel 251
LV	-0.001	0.001	-0.013
HV	0.004	0.000	-0.017

GPRS MODE:

Temperature(°C)	Test Result (ppm)@NV		
	Channel 128	Channel 189	Channel 251
-10	0.008	-0.009	-0.021
0	0.003	-0.009	-0.019
+10	0.009	0.001	-0.009
+20	0.000	0.000	0.000
+30	0.024	-0.006	-0.003
+40	0.007	-0.012	-0.013
+50	0.002	-0.018	-0.018
+55	0.004	-0.002	-0.005
Voltage	Test Result (ppm)@NT		
	Channel 128	Channel 189	Channel 251
LV	0.005	-0.004	-0.014
HV	-0.004	-0.026	-0.010

EDGE (8PSK) MODE:

Temperature(°C)	Test Result (ppm)@NV		
	Channel 128	Channel 189	Channel 251
-10	0.014	0.008	-0.007
0	0.011	0.006	0.016
+10	0.020	0.023	0.020
+20	0.000	0.000	0.000
+30	0.019	0.026	0.013
+40	0.012	0.012	-0.002
+50	0.012	0.016	0.001
+55	0.006	0.016	-0.005
Voltage	Test Result (ppm)@NT		
	Channel 128	Channel 189	Channel 251
LV	0.000	0.000	0.002
HV	0.000	0.004	-0.004

PCS1900

GSM MODE:

Temperature(°C)	Test Result (ppm)@NV		
	Channel 512	Channel 661	Channel 810
-10	0.001	0.007	-0.005
0	-0.006	0.003	0.007
+10	0.001	0.009	-0.002
+20	0.000	0.000	0.000
+30	0.009	-0.001	-0.008
+40	-0.001	-0.002	-0.005
+50	0.006	-0.005	-0.007
+55	0.001	0.001	-0.004
Voltage	Test Result (ppm)@NT		
	Channel 512	Channel 661	Channel 810
LV	0.000	0.015	-0.002
HV	-0.002	0.005	0.001

GPRS MODE:

Temperature(°C)	Test Result (ppm)@NV		
	Channel 512	Channel 661	Channel 810
-10	0.001	0.001	0.001
0	-0.003	-0.005	-0.009
+10	-0.002	-0.002	-0.004
+20	0.000	0.000	0.000
+30	-0.002	-0.008	-0.009
+40	-0.001	0.004	-0.006
+50	-0.001	-0.001	-0.003
+55	-0.003	0.005	-0.007
Voltage	Test Result (ppm)@NT		
	Channel 512	Channel 661	Channel 810
LV	0.001	-0.007	-0.010
HV	-0.001	-0.006	-0.007

EDGE (8PSK) MODE:

Temperature(°C)	Test Result (ppm)@NV		
	Channel 512	Channel 661	Channel 810
-10	0.006	-0.004	0.000
0	0.000	-0.007	0.002
+10	-0.011	-0.001	0.003
+20	0.000	0.000	0.000
+30	-0.002	-0.007	-0.001
+40	-0.002	-0.002	-0.001
+50	0.001	-0.002	0.002
+55	0.008	-0.006	0.003
Voltage	Test Result (ppm)@NT		
	Channel 512	Channel 661	Channel 810
LV	0.003	-0.009	-0.002
HV	-0.002	-0.008	0.002

7. Peak-Average Ratio
GSM850
GSM MODE:
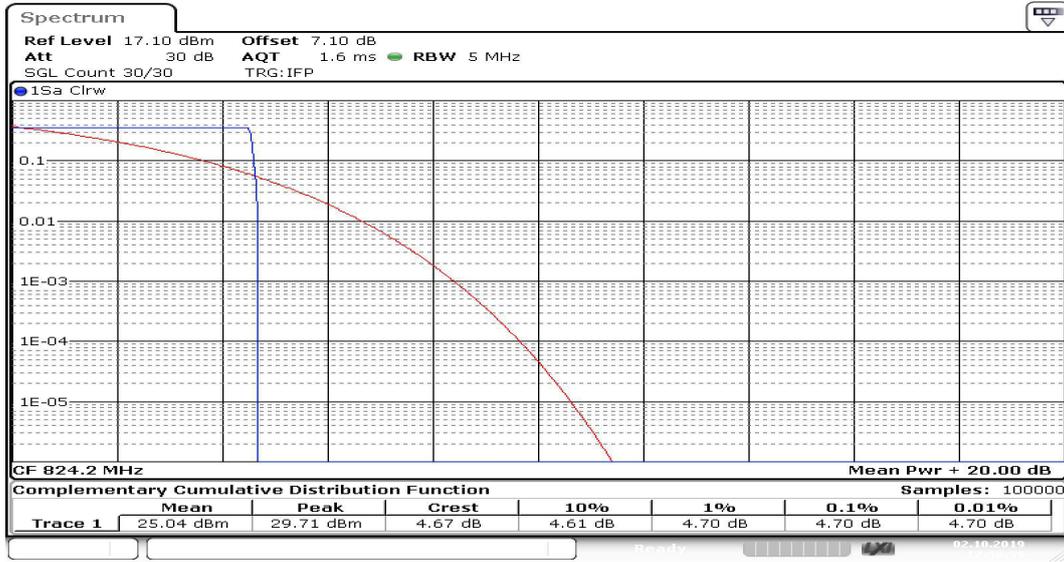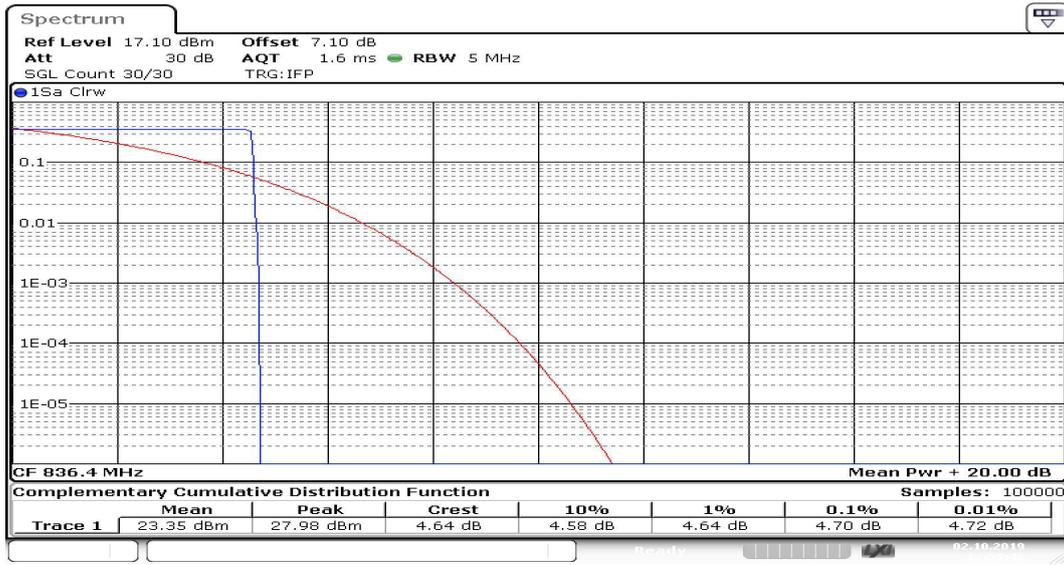
Channel 128
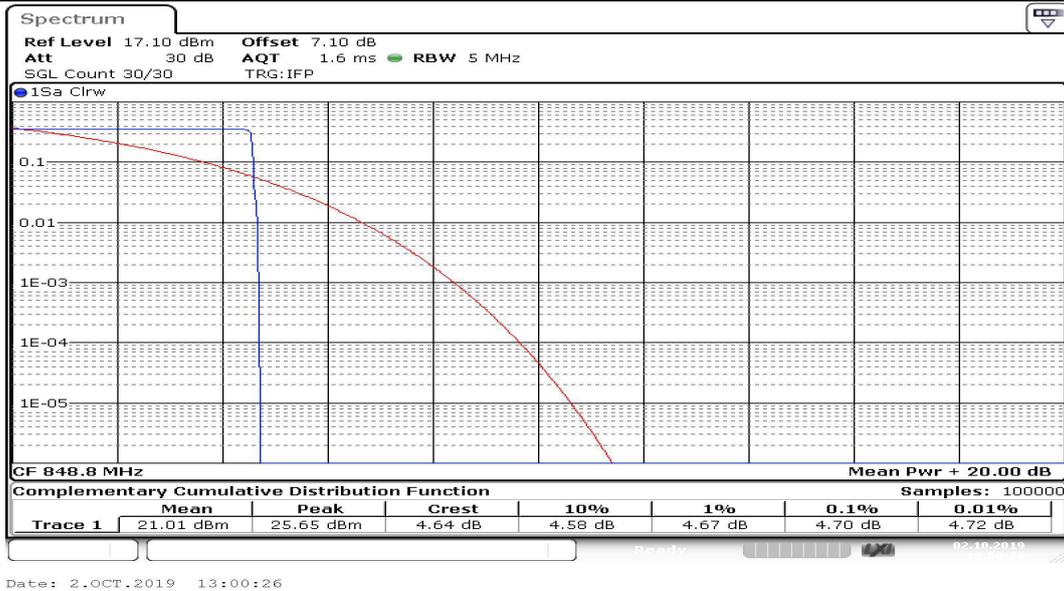
Channel 189

Channel 251

GPRS MODE:

Channel 128

Spectrum

Ref Level 17.10 dBm   Offset 7.10 dB
Att   30 dB   AQT   1.6 ms ● RBW 5 MHz
SGL Count 30/30   TRG:IFP
● 1Sa Clrw

0.1

0.01

1E-03

1E-04

1E-05

CF 836.4 MHz   Mean Pwr + 20.00 dB

Complementary Cumulative Distribution Function   Samples: 100000

	Mean	Peak	Crest	10%	1%	0.1%	0.01%
Trace 1	28.70 dBm	33.27 dBm	4.57 dB	4.61 dB	4.64 dB	4.64 dB	4.64 dB
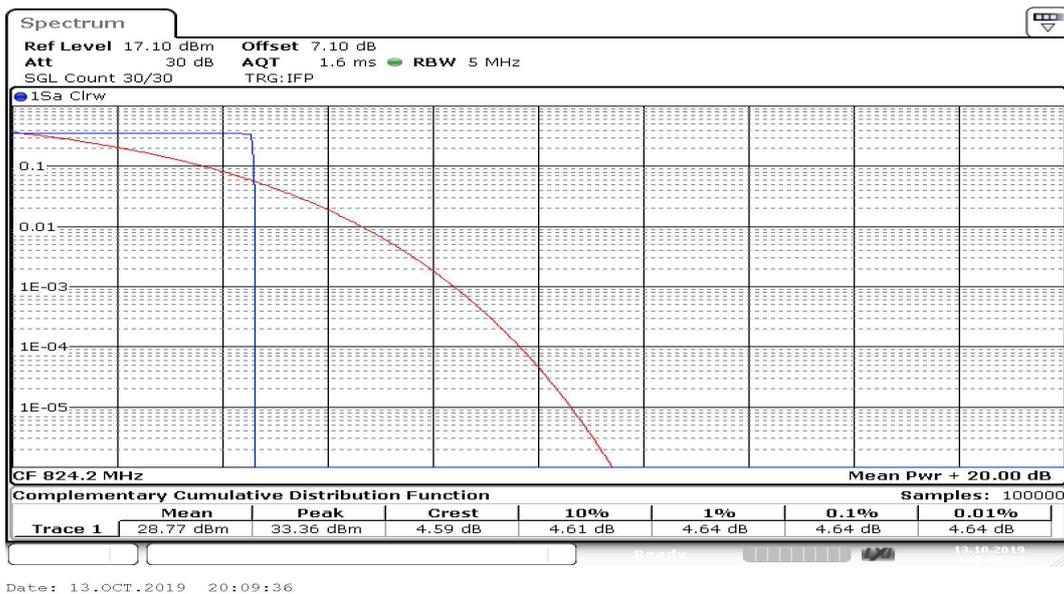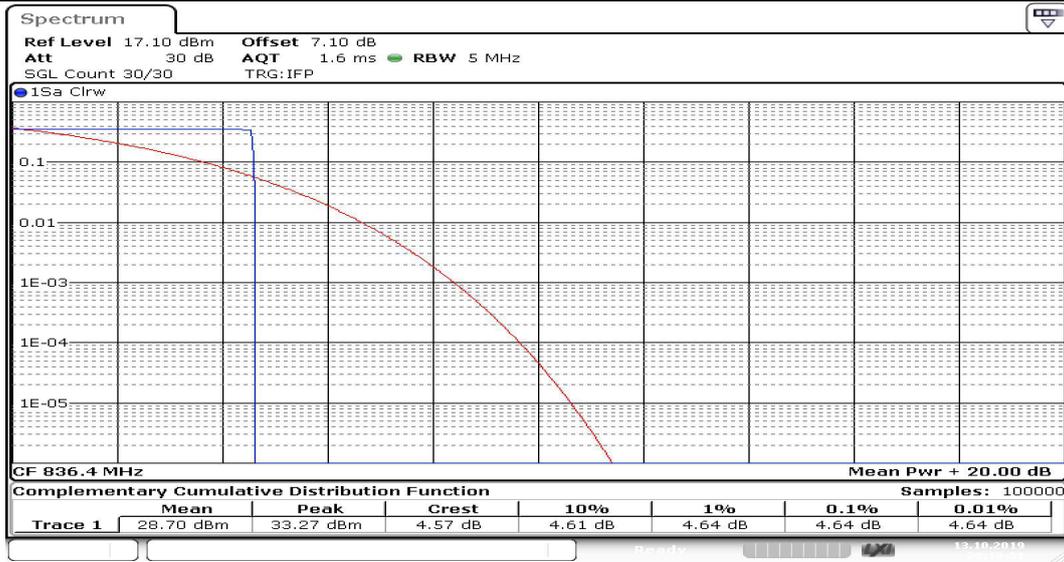
Date: 13.OCT.2019 20:10:50

Channel 189

Spectrum

Ref Level 17.10 dBm   Offset 7.10 dB
Att   30 dB   AQT   1.6 ms ● RBW 5 MHz
SGL Count 30/30   TRG:IFP
● 1Sa Clrw

0.1

0.01

1E-03

1E-04

1E-05

CF 848.8 MHz   Mean Pwr + 20.00 dB

Complementary Cumulative Distribution Function   Samples: 100000

	Mean	Peak	Crest	10%	1%	0.1%	0.01%
Trace 1	28.52 dBm	33.10 dBm	4.58 dB	4.61 dB	4.64 dB	4.64 dB	4.64 dB
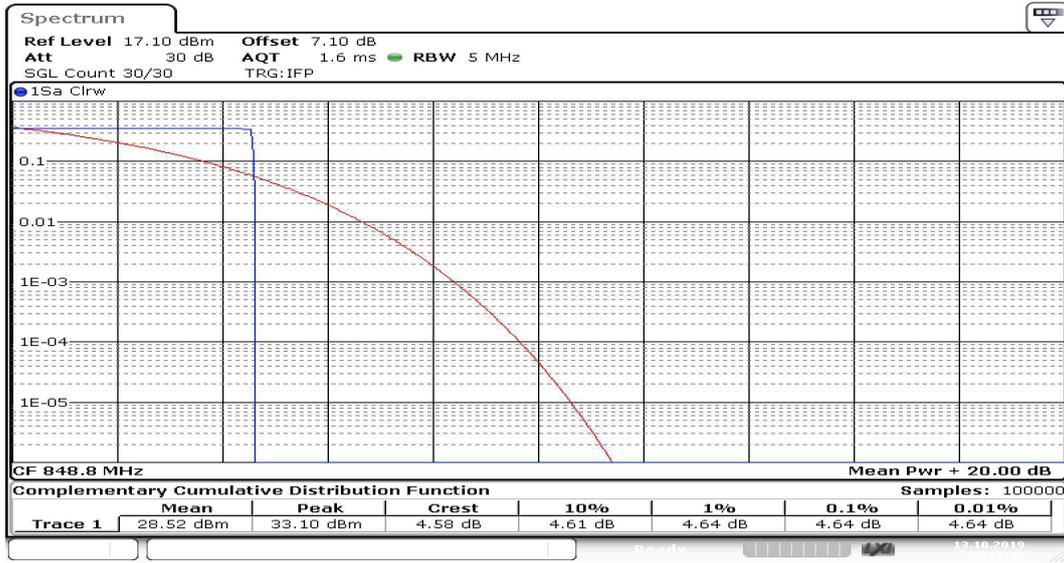
Date: 13.OCT.2019 20:11:46

Channel 251

EDGE (8PSK) MODE:

Spectrum							
Ref Level 17.10 dBm Offset 7.10 dB							
Att 30 dB AQT 1.6 ms RBW 5 MHz							
SGL Count 30/30 TRG:IFP							

CF 824.2 MHz   Mean Pwr + 20.00 dB

Complementary Cumulative Distribution Function   **Samples: 100000**

	Mean	Peak	Crest	10%	1%	0.1%	0.01%
Trace 1	21.36 dBm	28.80 dBm	7.44 dB	5.86 dB	7.19 dB	7.42 dB	7.48 dB

Ready   20.11.2020 13:02:38
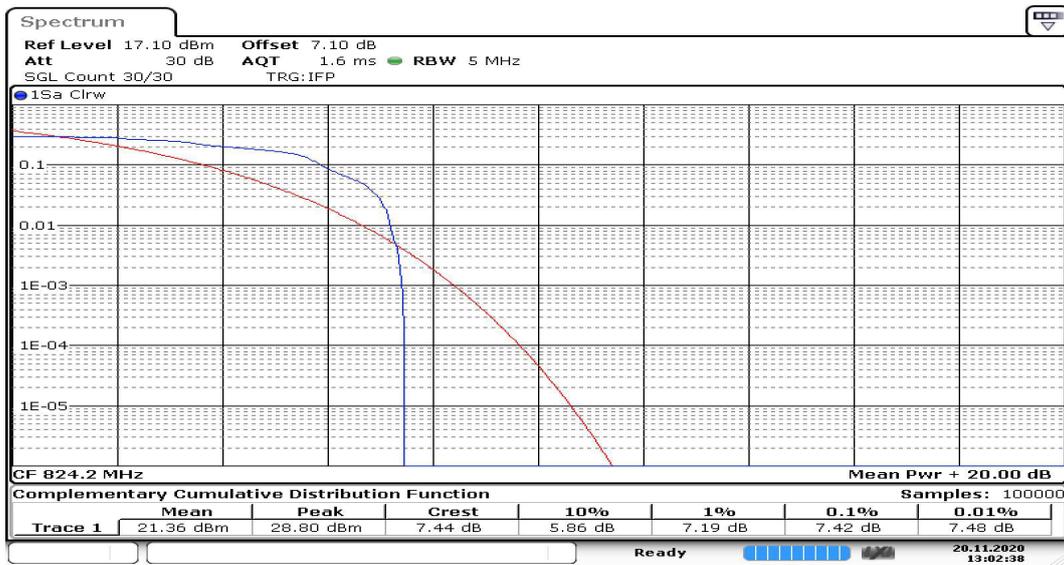
Date: 20.NOV.2020 13:02:39

Channel 128

Spectrum							
Ref Level 17.10 dBm Offset 7.10 dB							
Att 30 dB AQT 1.6 ms RBW 5 MHz							
SGL Count 30/30 TRG:IFP							

CF 836.4 MHz   Mean Pwr + 20.00 dB

Complementary Cumulative Distribution Function   **Samples: 100000**

	Mean	Peak	Crest	10%	1%	0.1%	0.01%
Trace 1	21.46 dBm	28.83 dBm	7.37 dB	6.00 dB	7.19 dB	7.33 dB	7.45 dB

Ready   20.11.2020 13:03:51
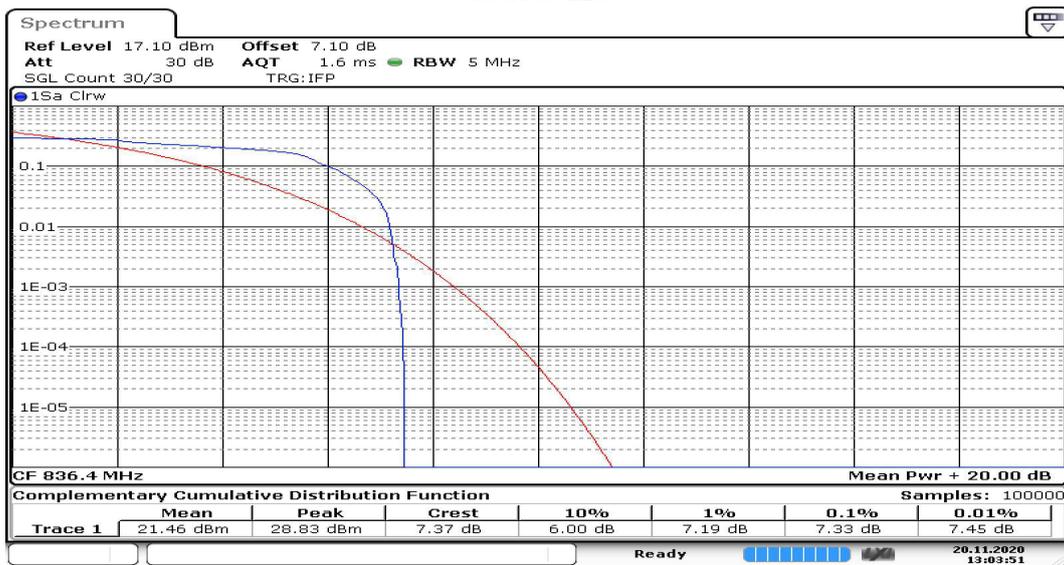
Date: 20.NOV.2020 13:03:52

Channel 189