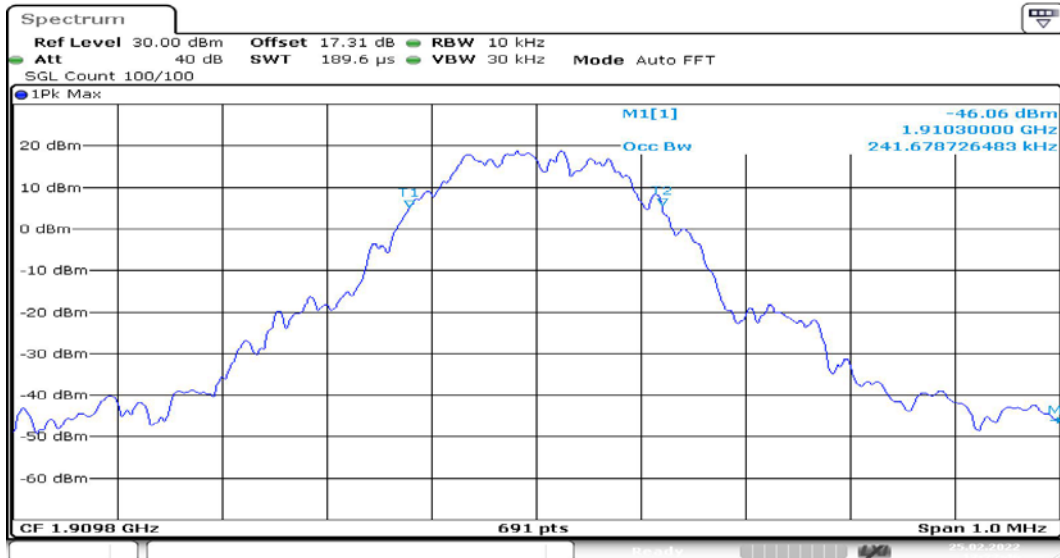
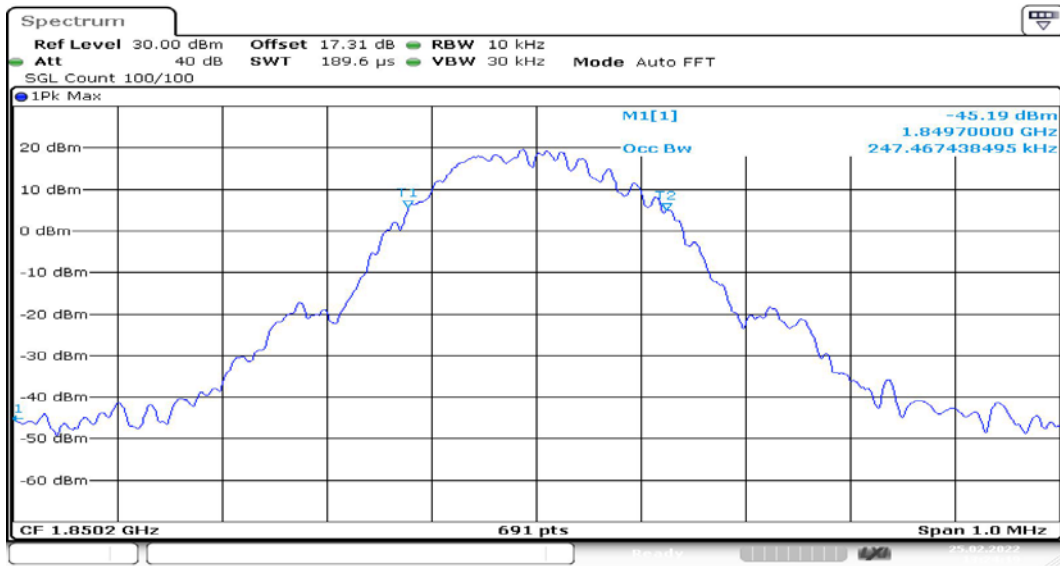


Channel 661

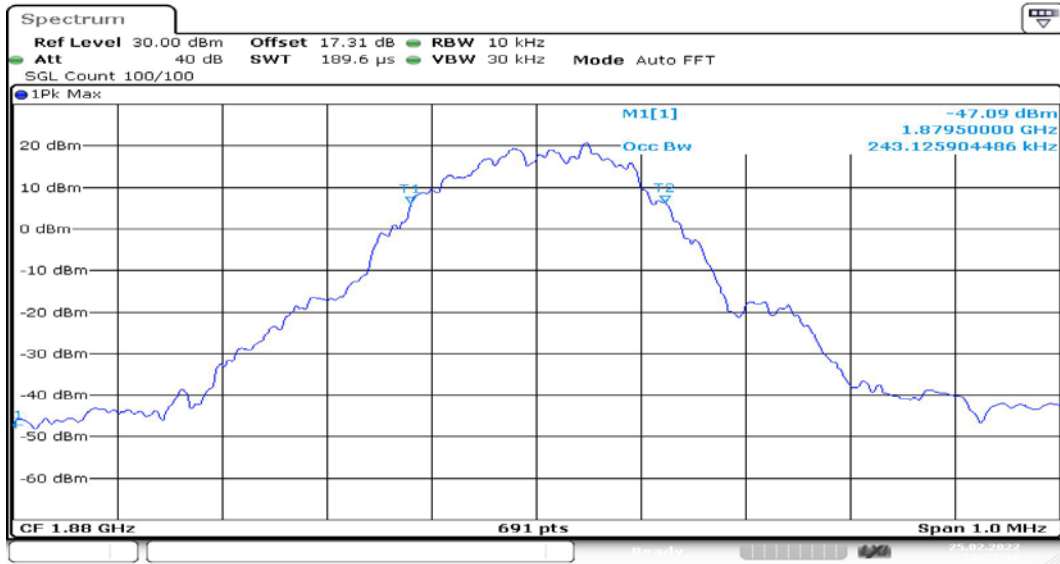


Channel 810

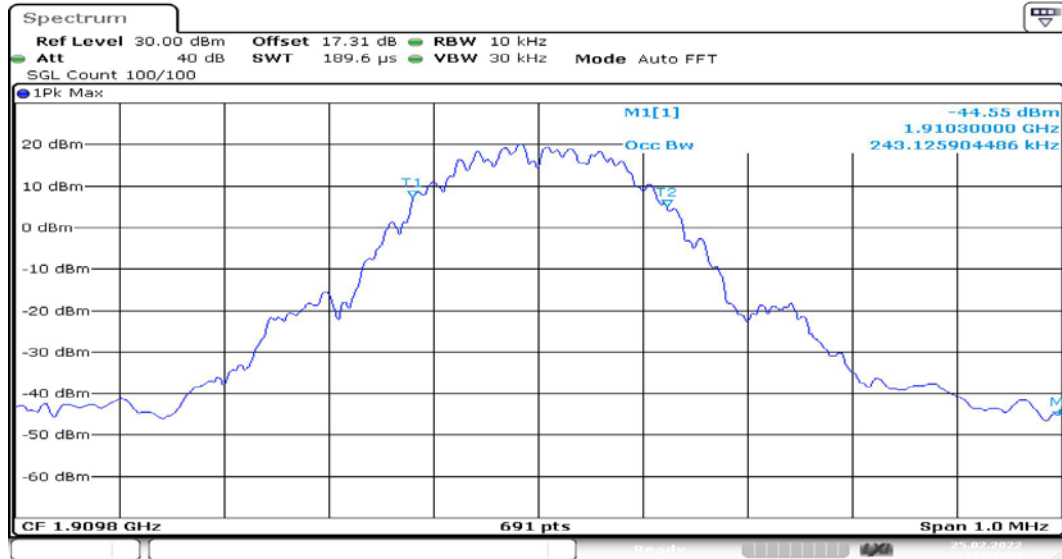
GPRS MODE:



Channel 512



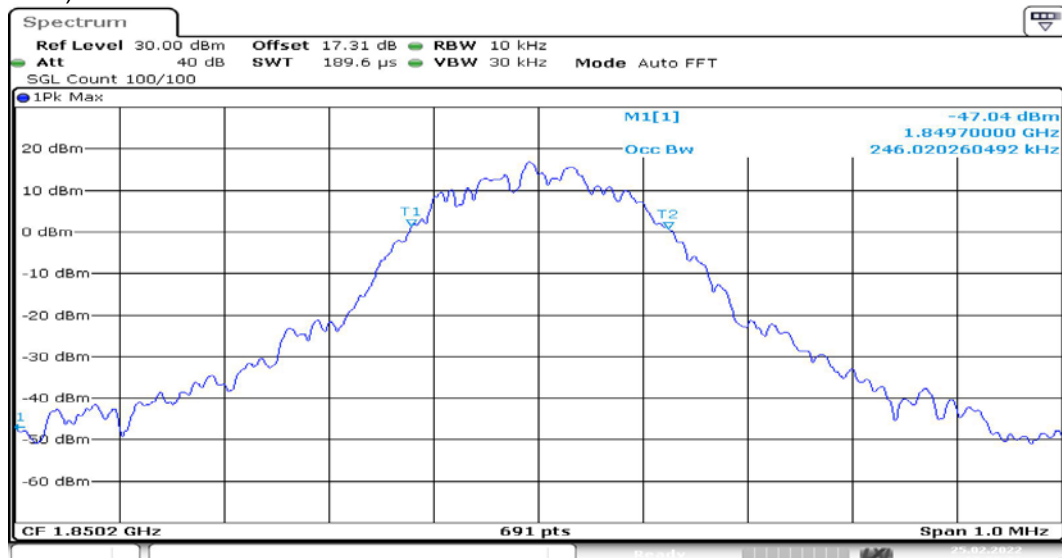
Channel 661



Date: 25.FEB.2022 13:26:34

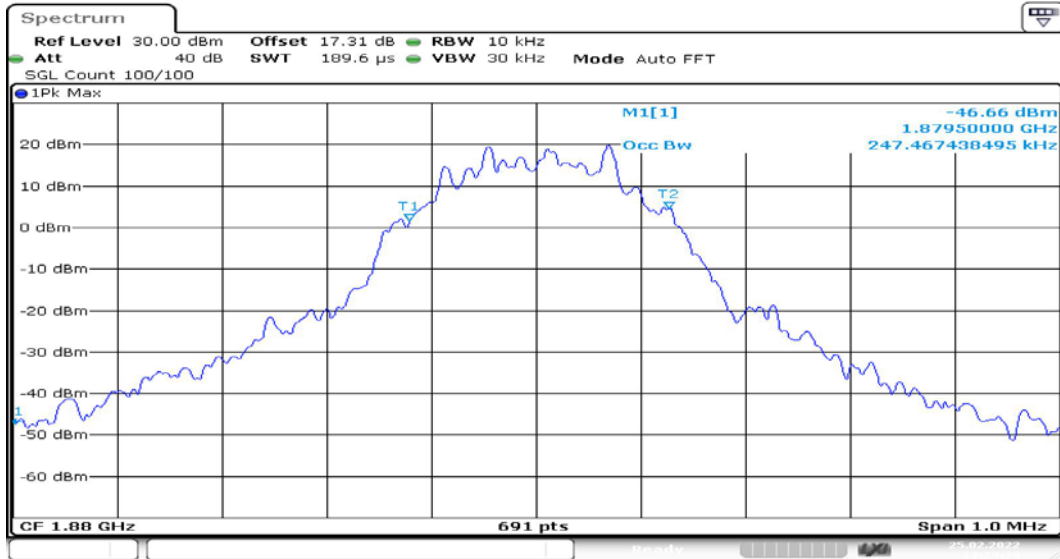
Channel 810

EGPRS (8PSK) MODE:

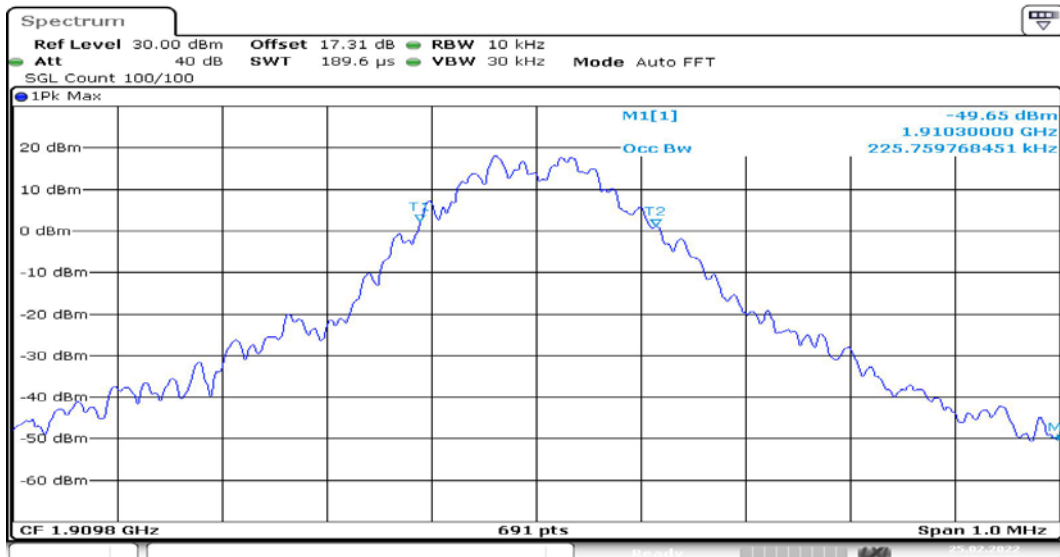


Date: 25.FEB.2022 13:28:06

Channel 512



Channel 661



Channel 810

3. Emission Bandwidth

PCS1900

GSM MODE:

Carrier frequency (MHz)	Channel No.	Bandwidth of -26dB transmitter power(kHz)
1850.2	512	314.00
1880	661	319.80
1909.8	810	314.00

GPRS MODE:

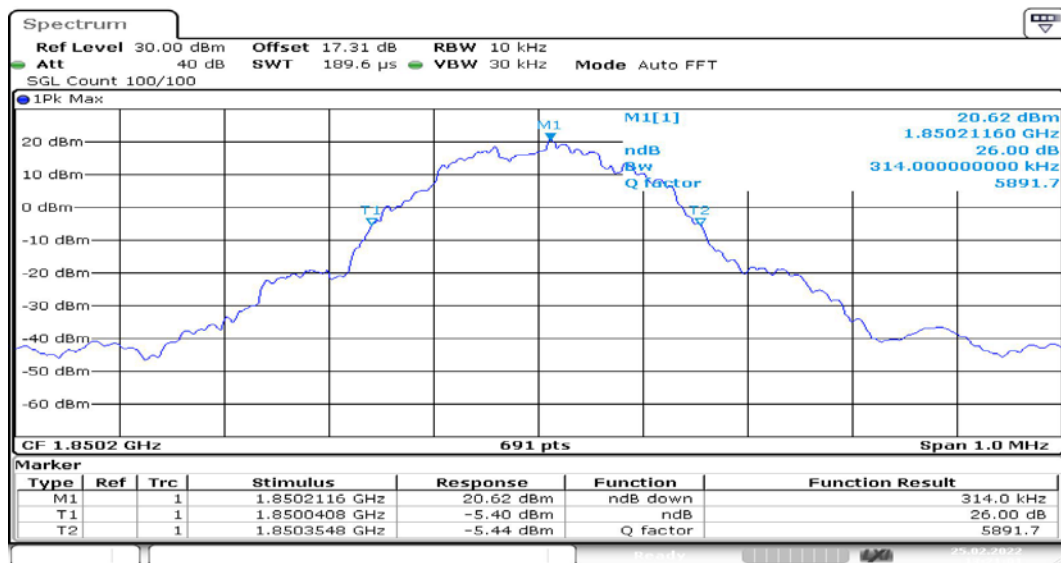
Carrier frequency (MHz)	Channel No.	Bandwidth of -26dB (kHz)
1850.2	512	321.30
1880	661	305.40
1909.8	810	316.90

EGPRS (8PSK) MODE:

Carrier frequency (MHz)	Channel No.	Bandwidth of -26dB transmitter power(kHz)
1850.2	512	315.50
1880	661	325.60
1909.8	810	305.40

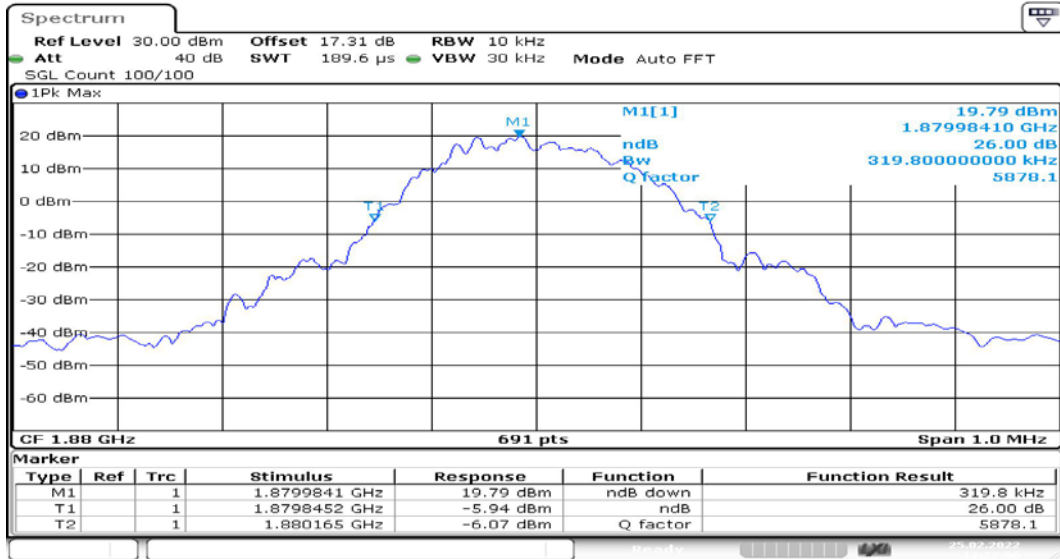
PCS1900

GSM MODE:



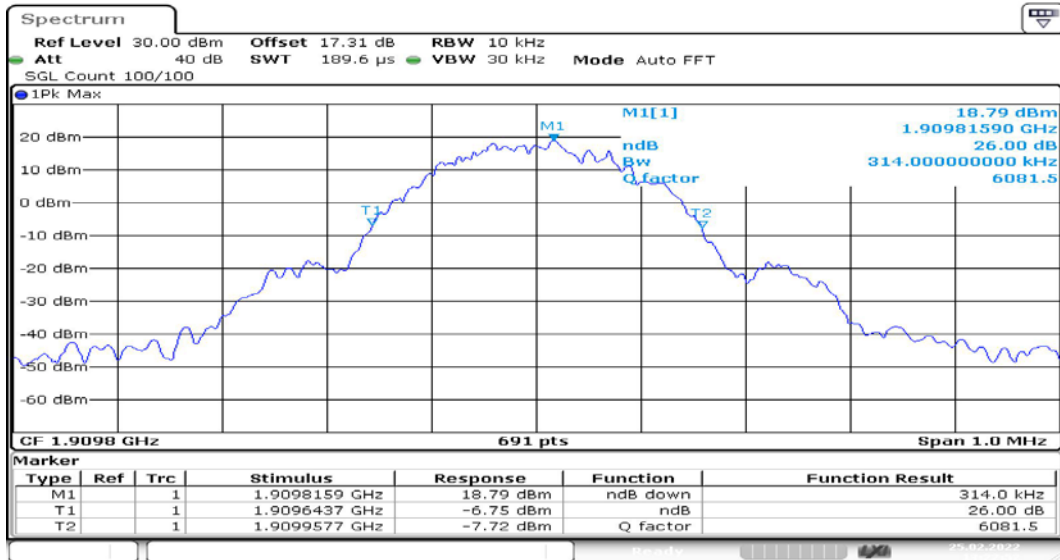
Date: 25.FEB.2022 13:21:01

Channel 512



Date: 25.FEB.2022 13:22:07

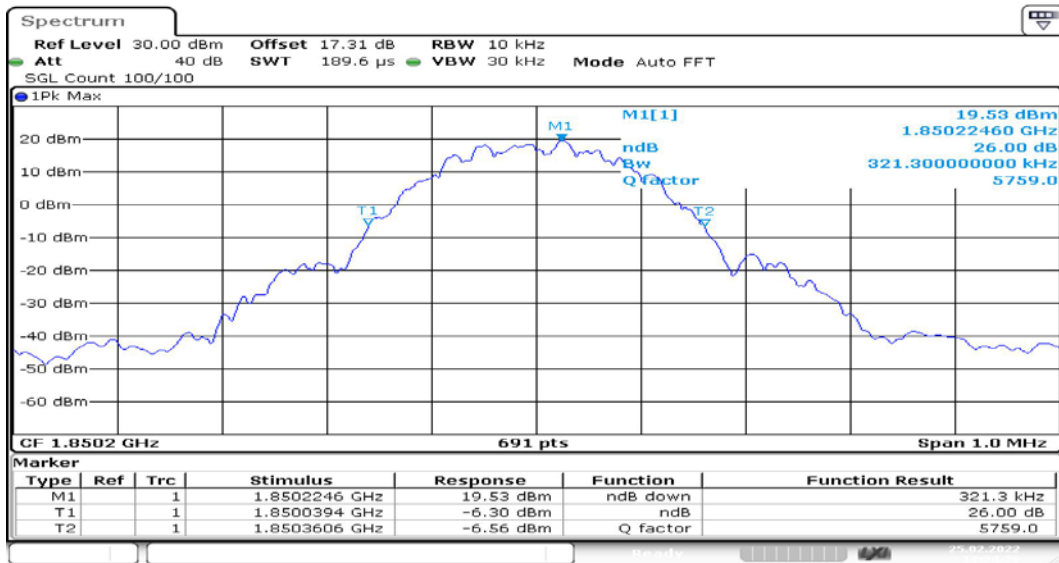
Channel 661



Date: 25.FEB.2022 13:22:53

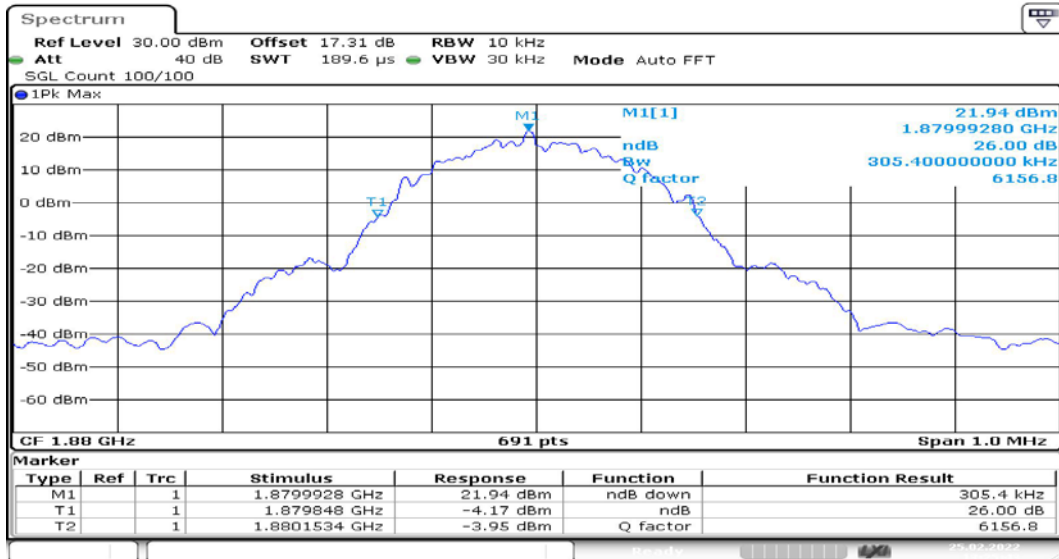
Channel 810

GPRS MODE:



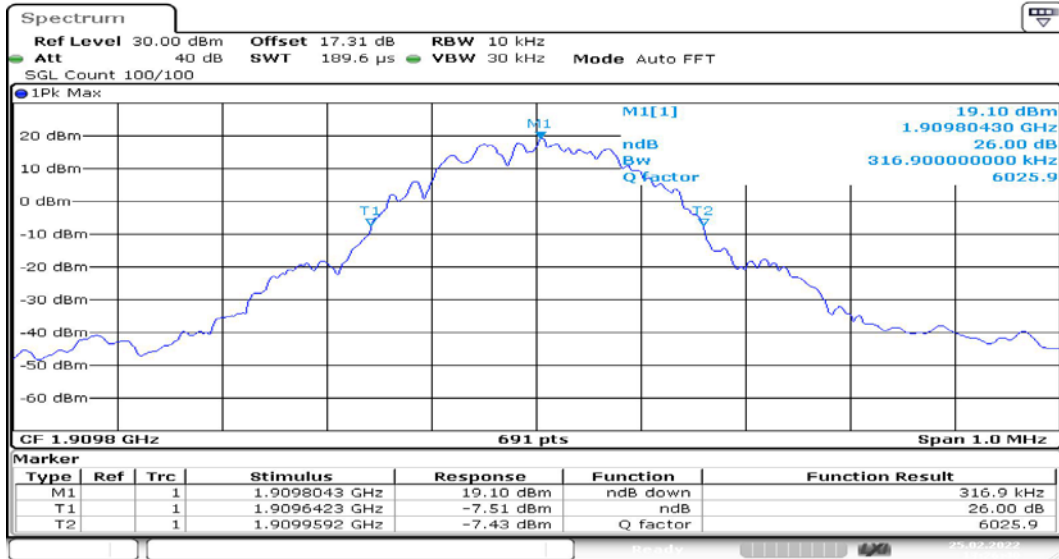
Date: 25.FEB.2022 13:24:27

Channel 512



Date: 25.FEB.2022 13:25:43

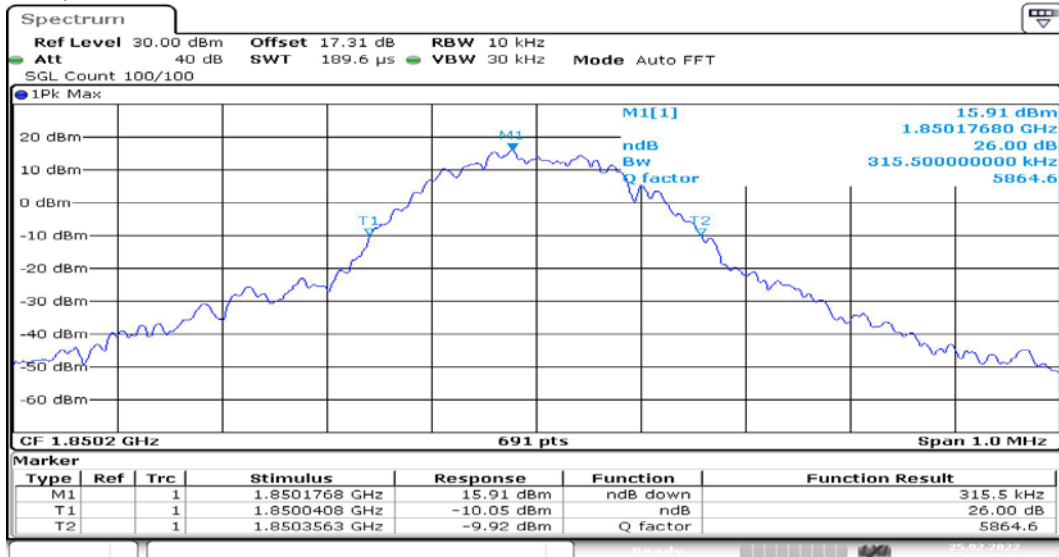
Channel 661



Date: 25.FEB.2022 13:26:41

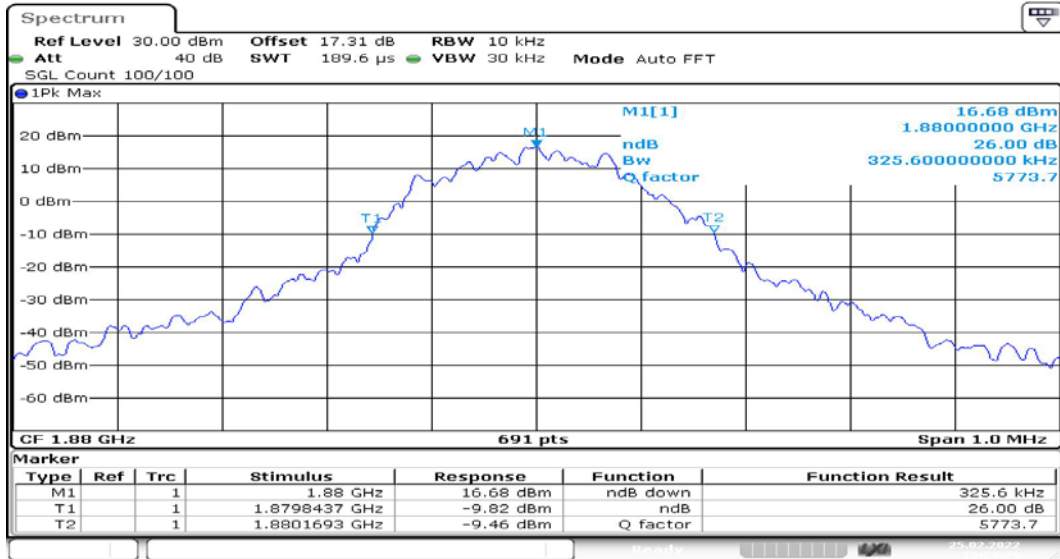
Channel 810

EGPRS (8PSK) MODE:



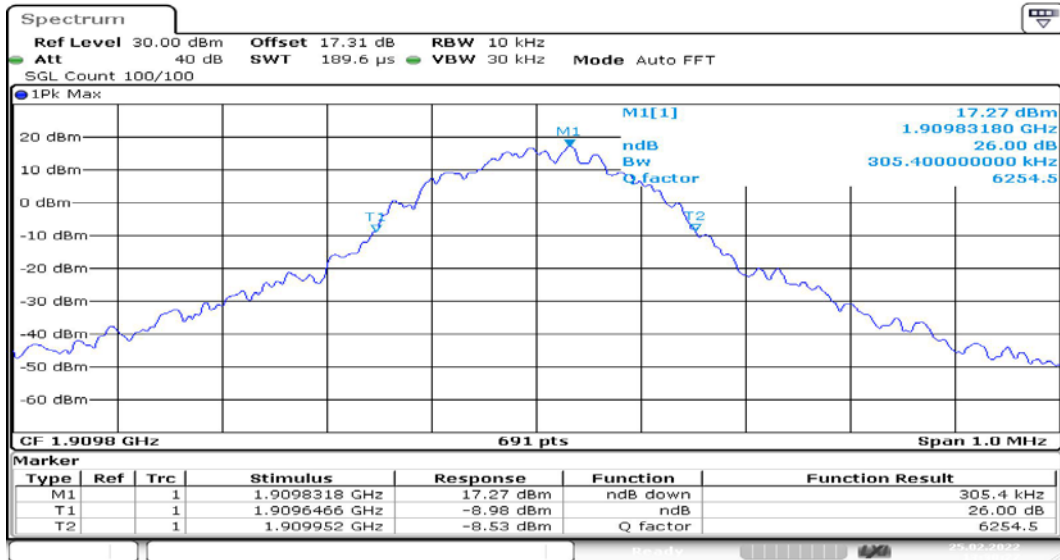
Date: 25.FEB.2022 13:28:13

Channel 512



Date: 25.FEB.2022 13:29:30

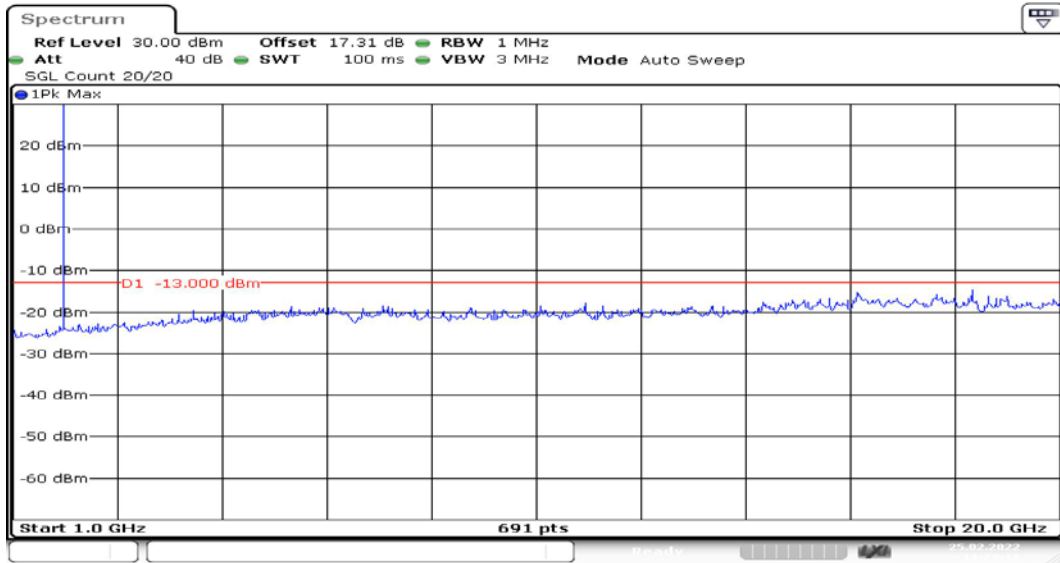
Channel 661



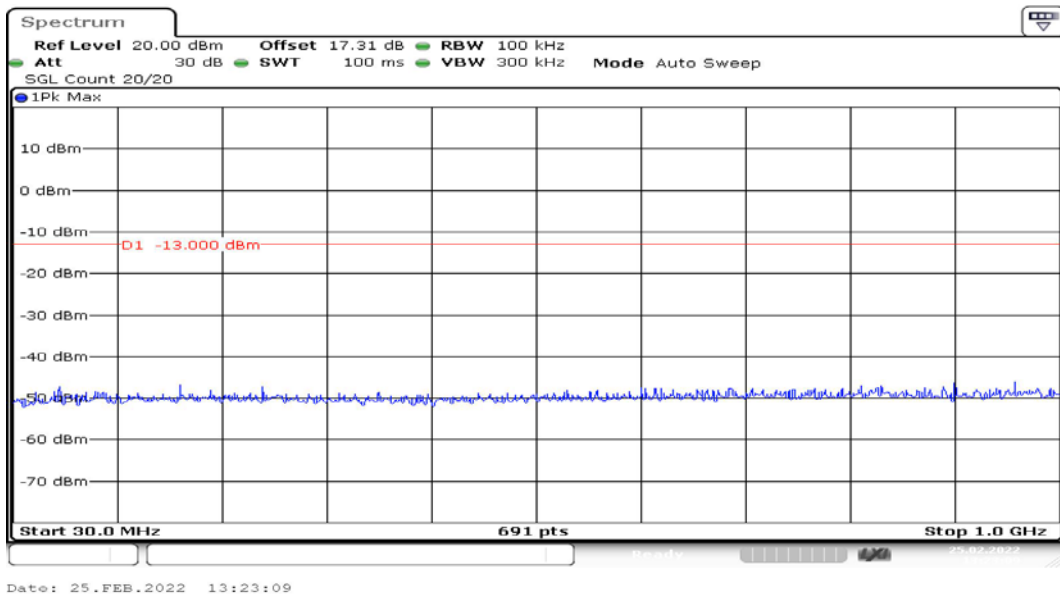
Date: 25.FEB.2022 13:30:28

Channel 810

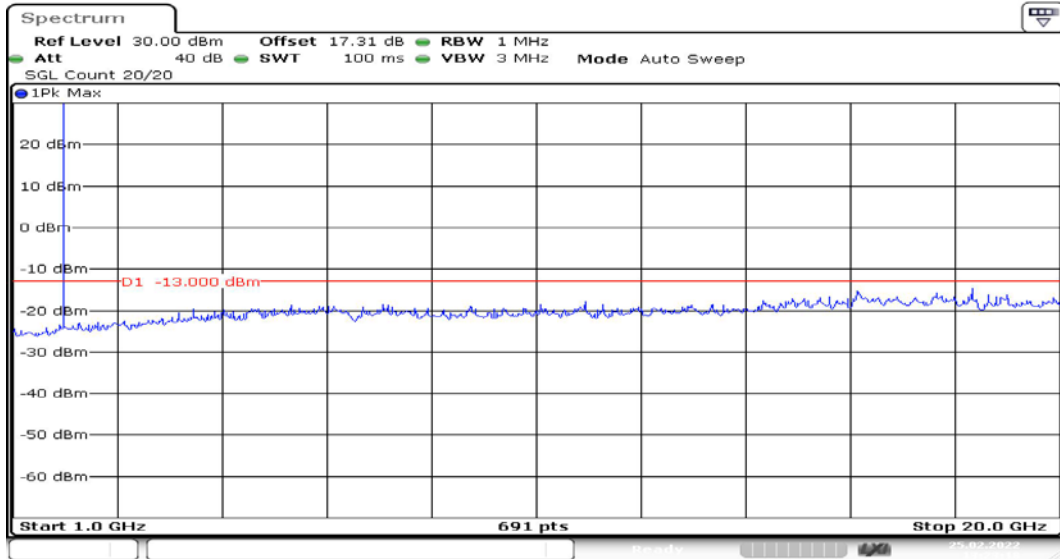
4. Spurious Emissions at antenna terminal
PCS1900
GSM MODE:



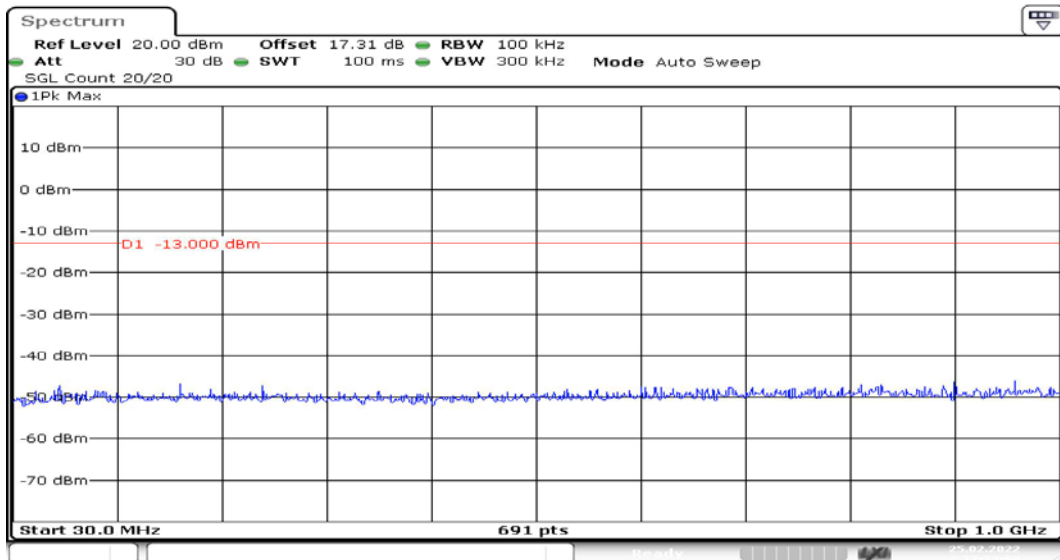
Channel 512



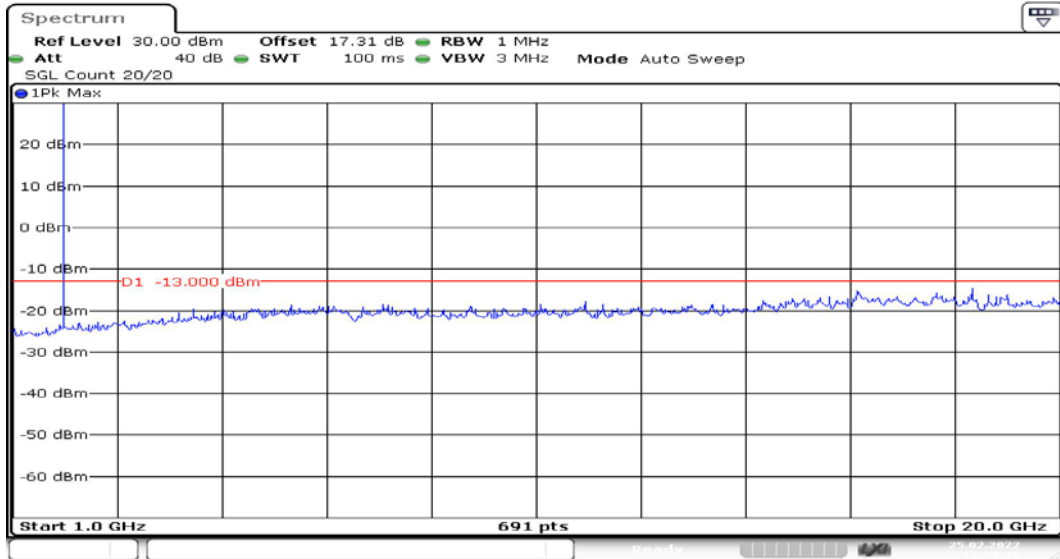
Channel 512



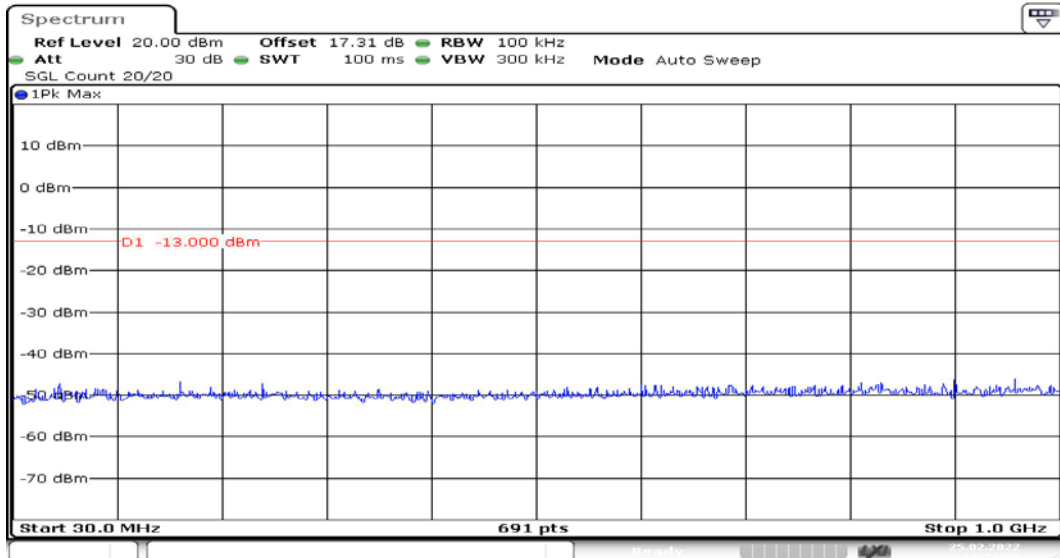
Channel 661



Channel 661

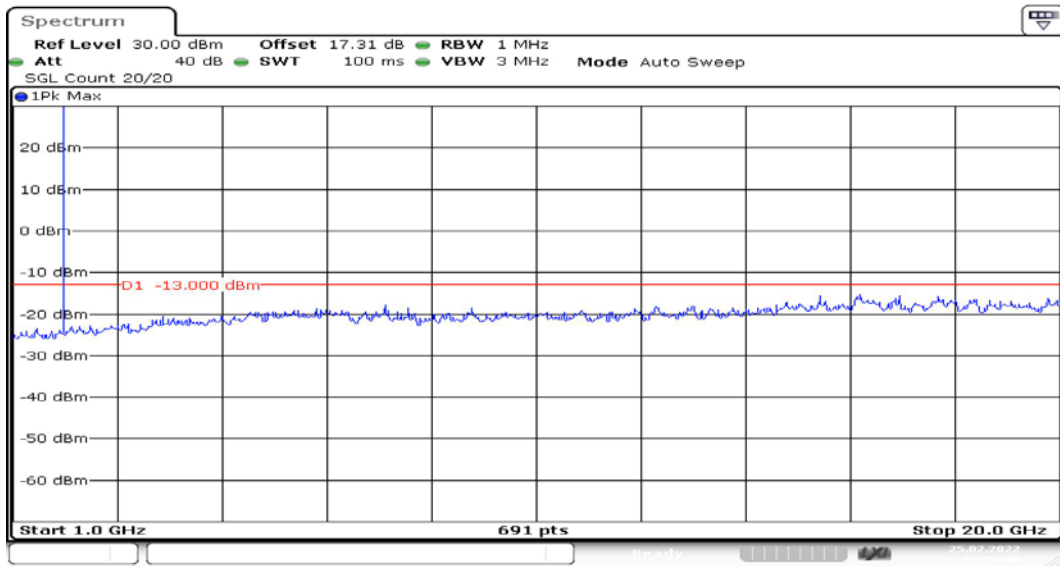


Channel 810

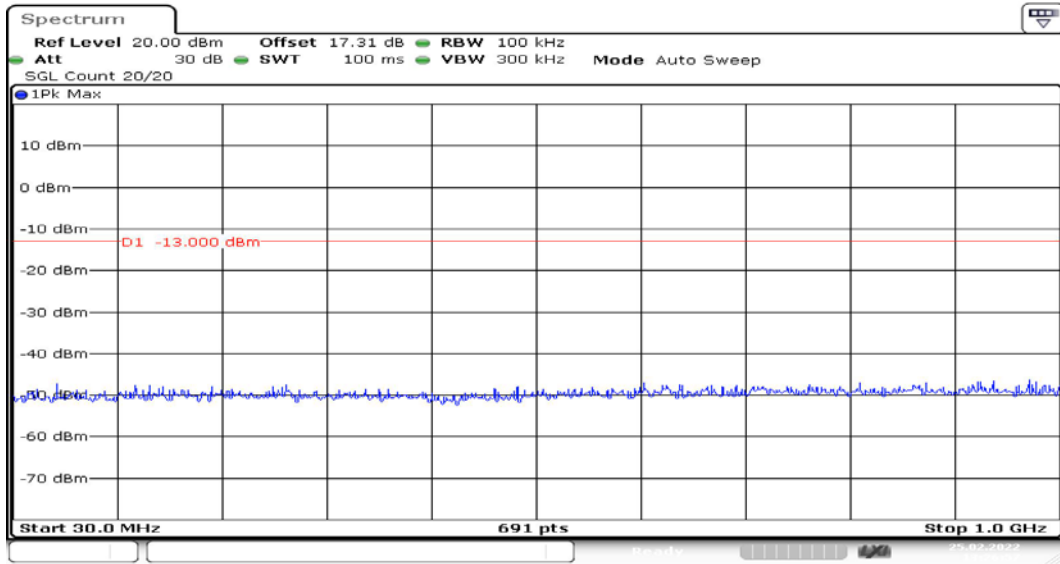


Channel 810

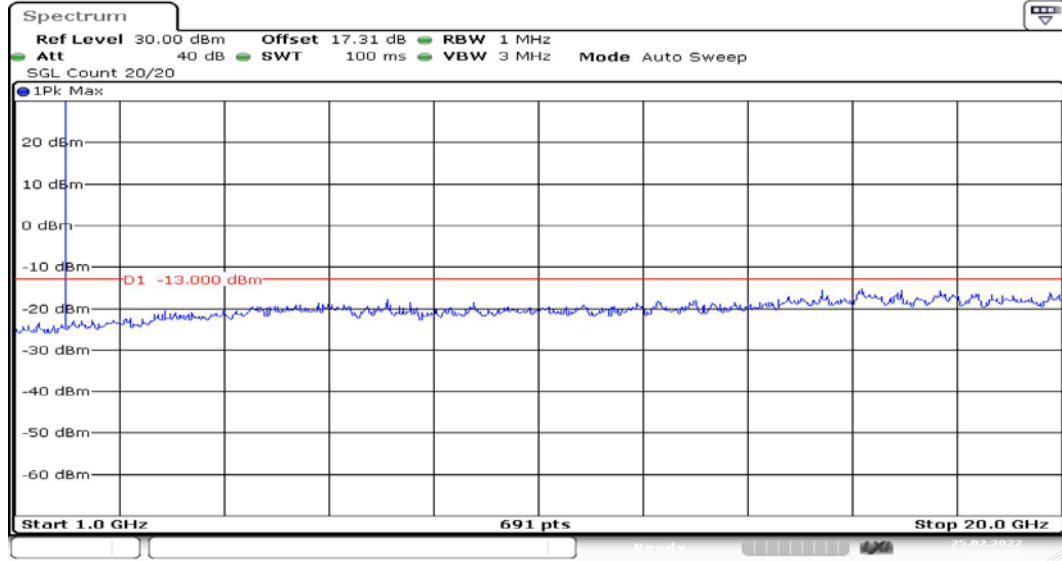
GPRS MODE:



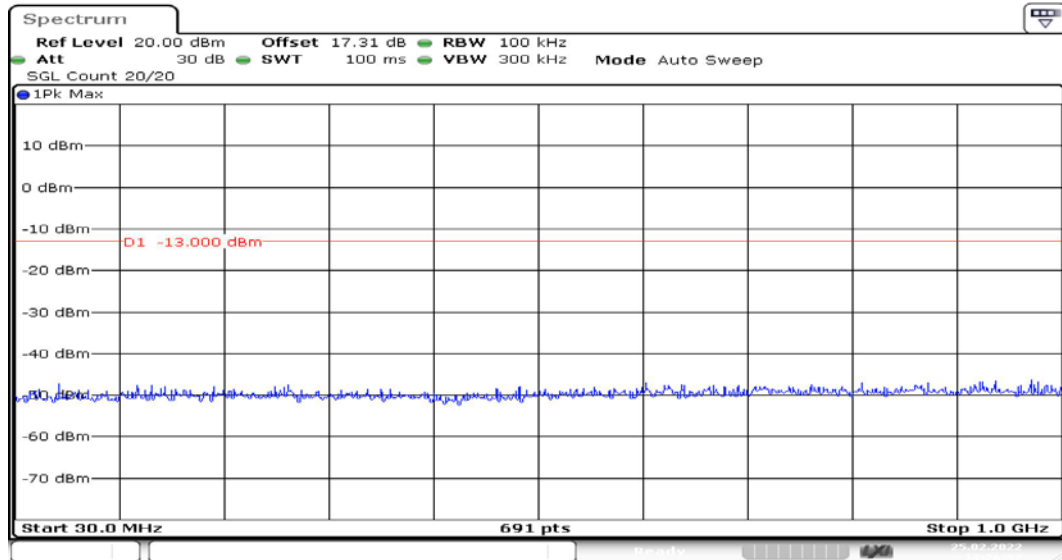
Channel 512



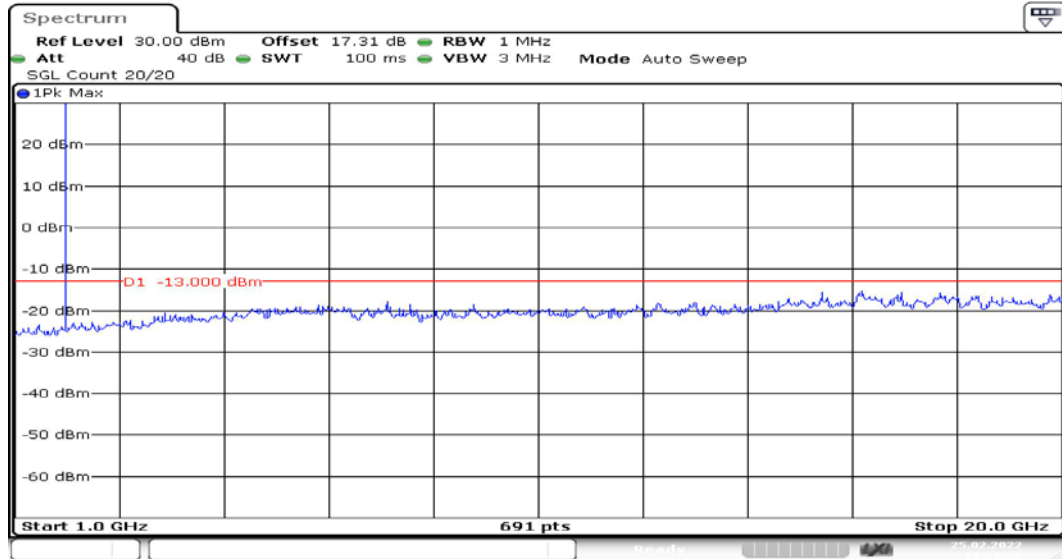
Channel 512



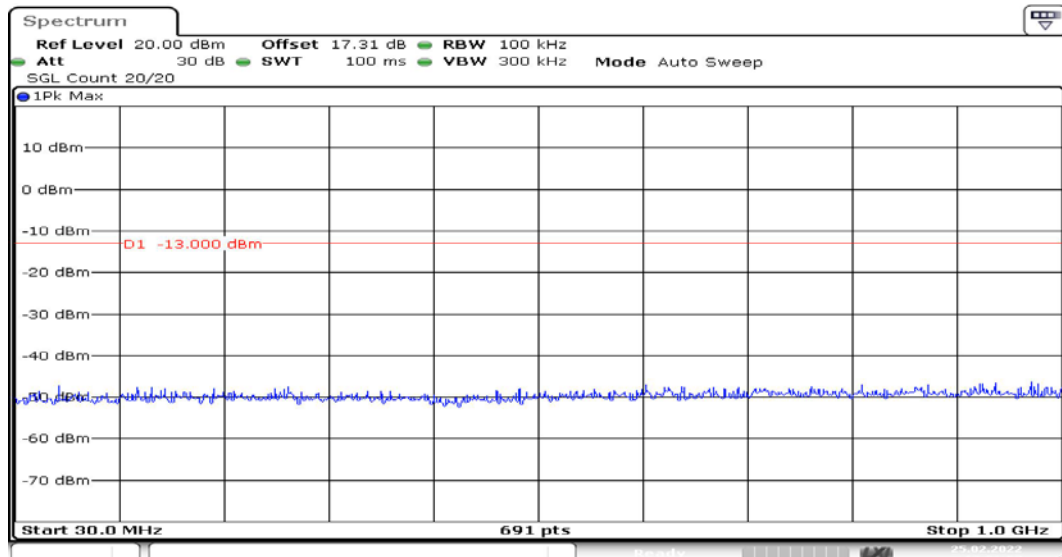
Channel 661



Channel 661

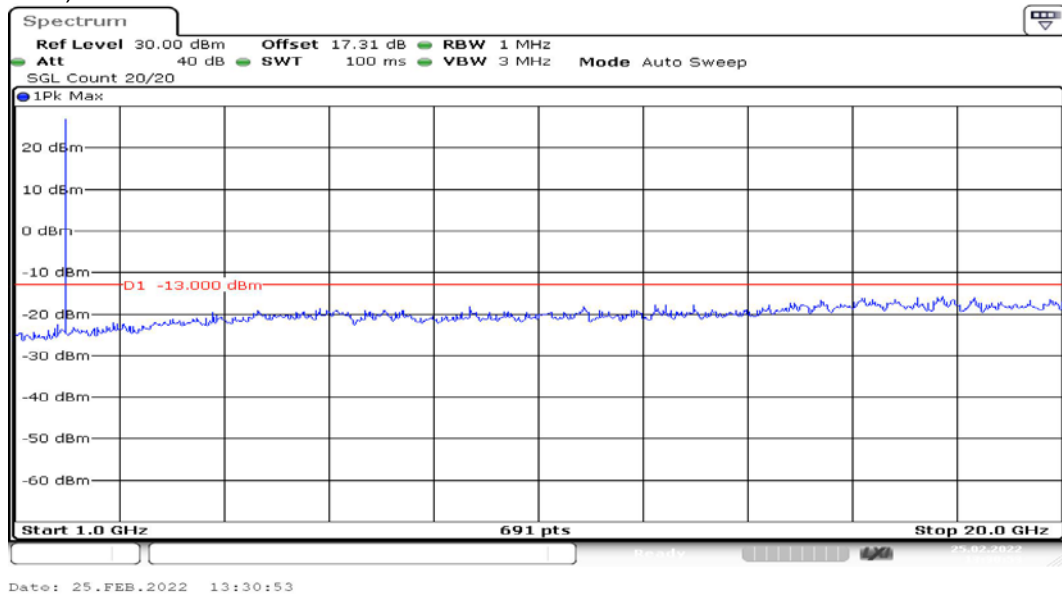


Channel 810

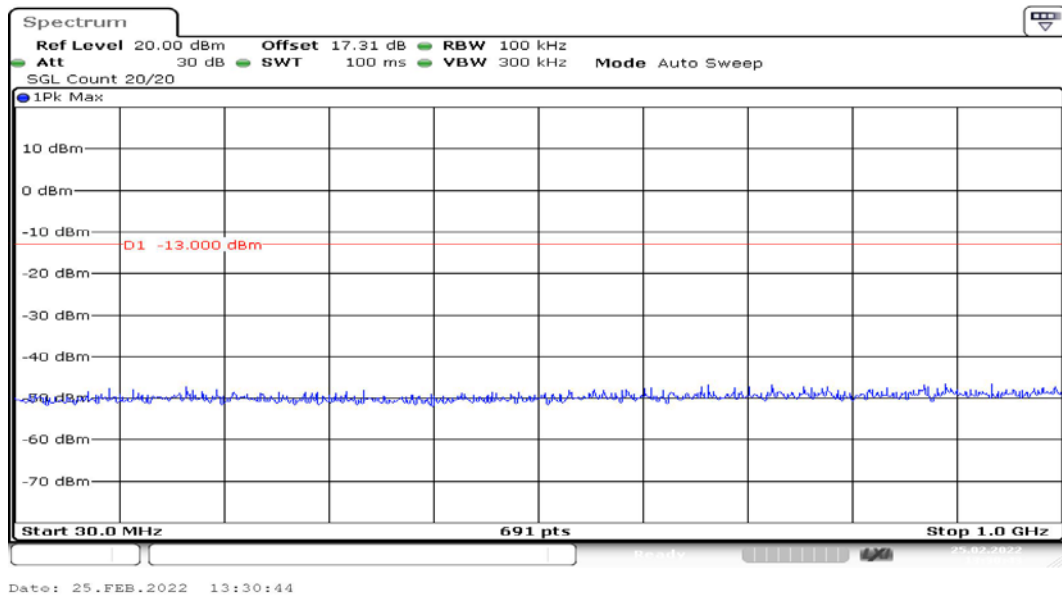


Channel 810

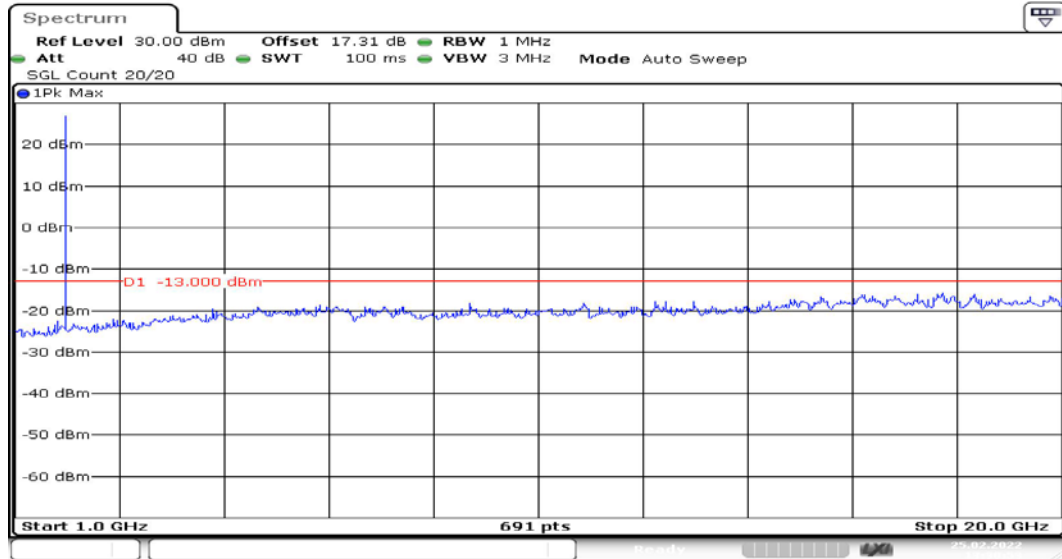
EGPRS (8PSK) MODE:



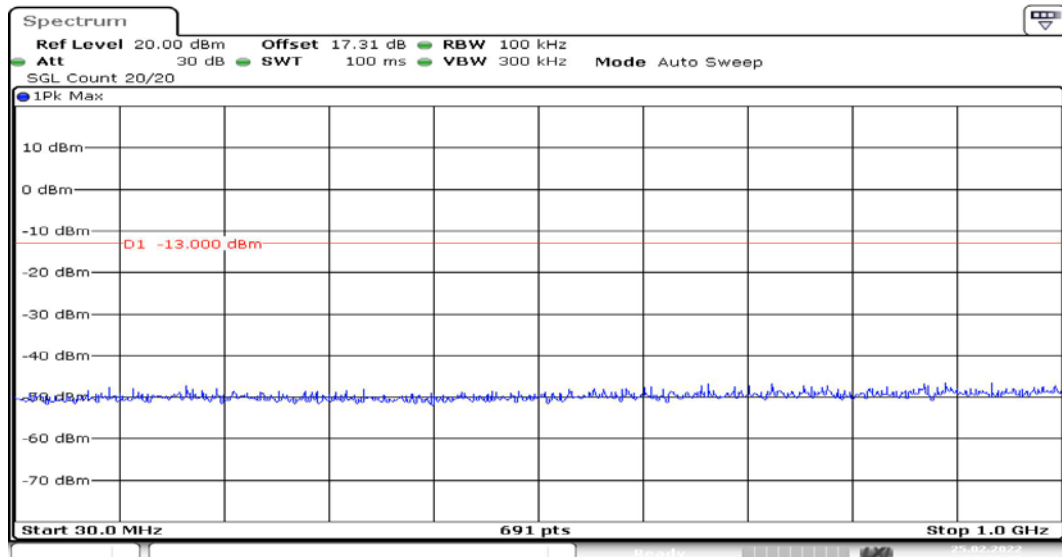
Channel 512



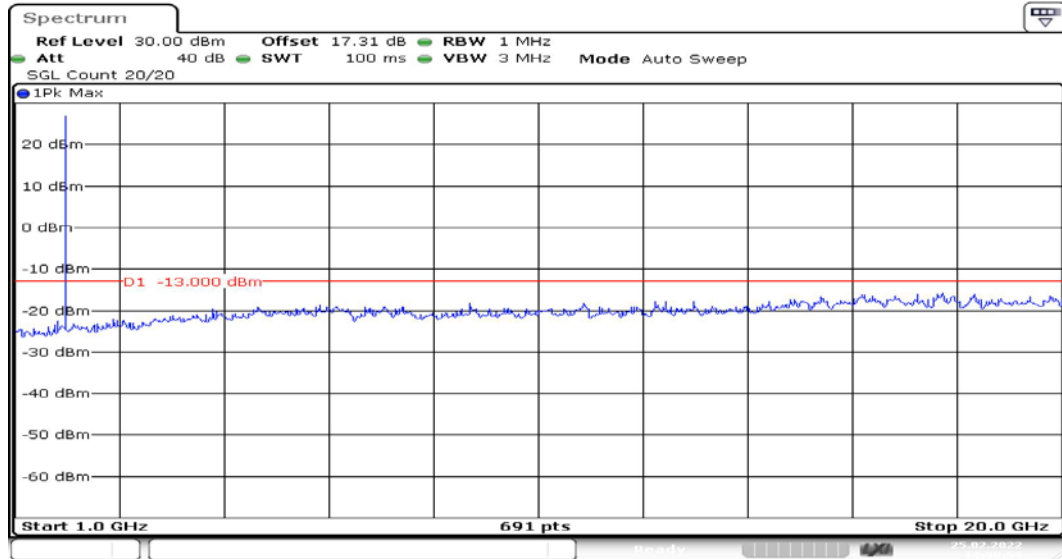
Channel 512



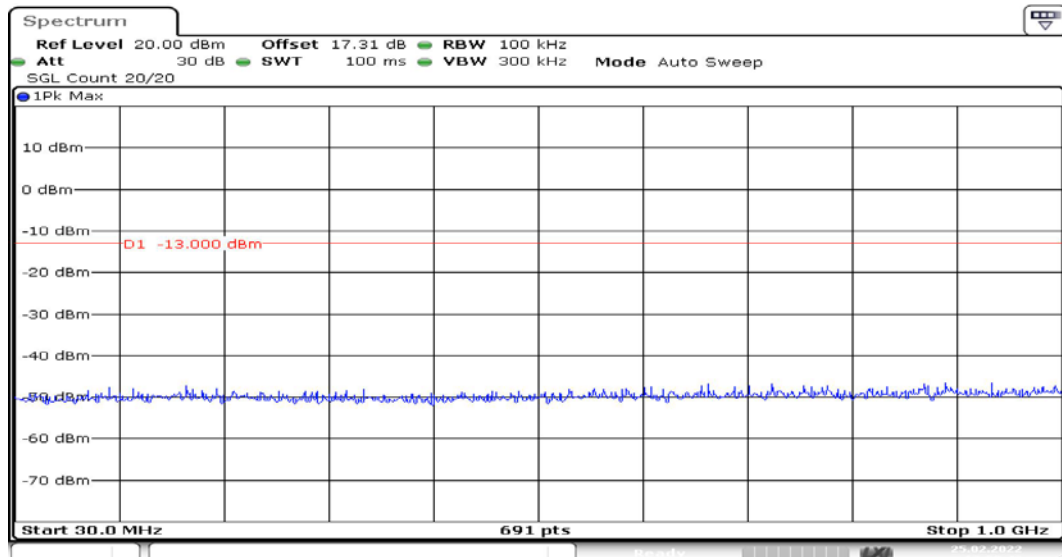
Channel 661



Channel 661

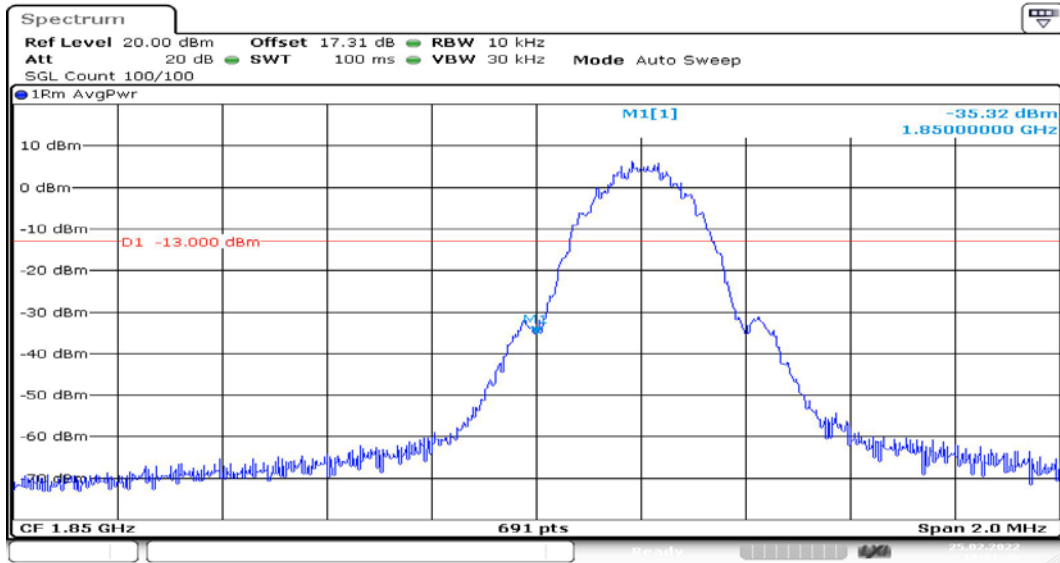


Channel 810

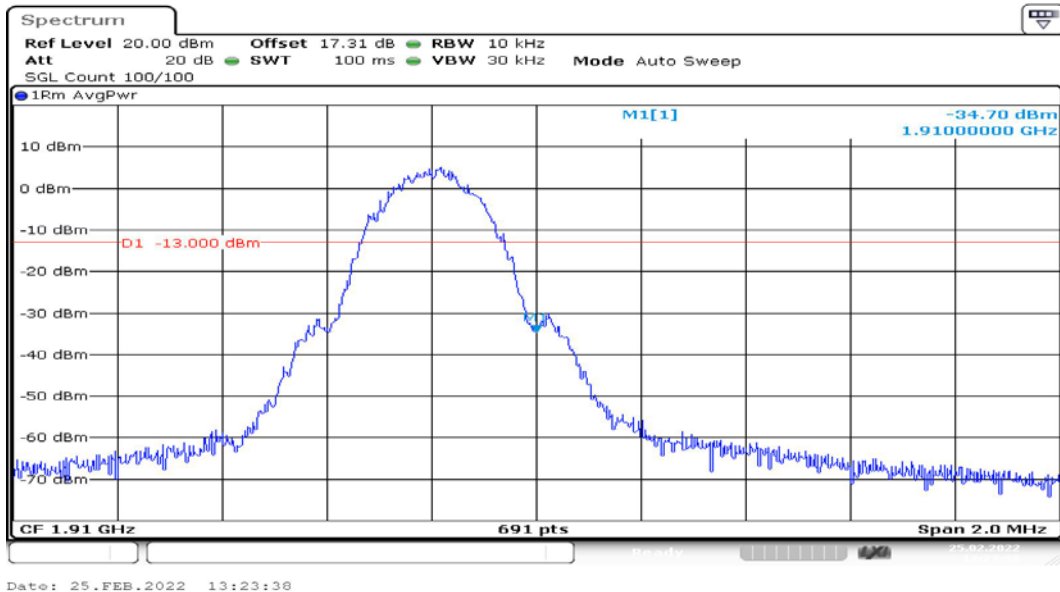


Channel 810

5. Band Edges Compliance
PCS1900
GSM MODE:

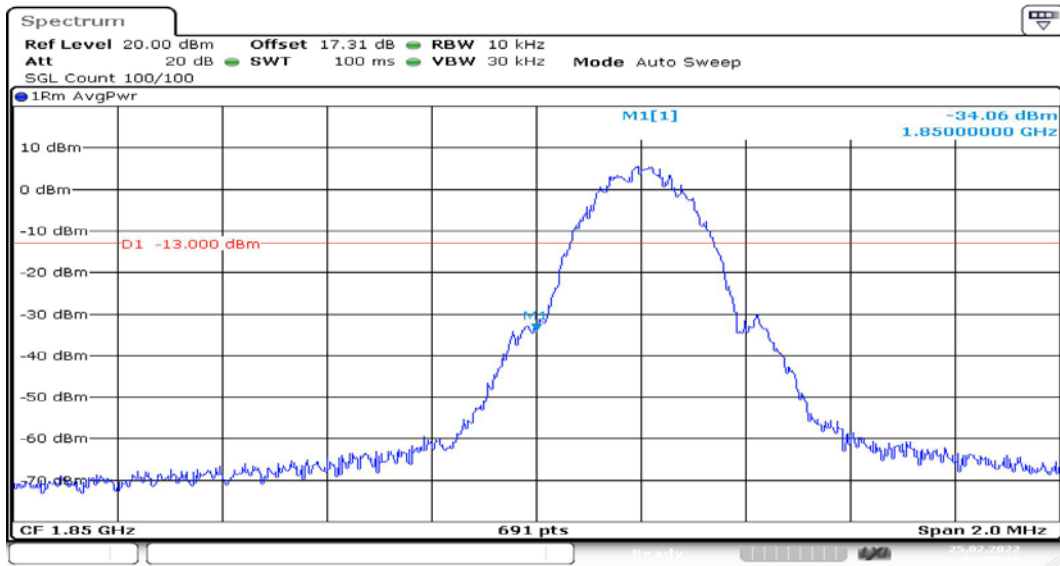


Channel 512

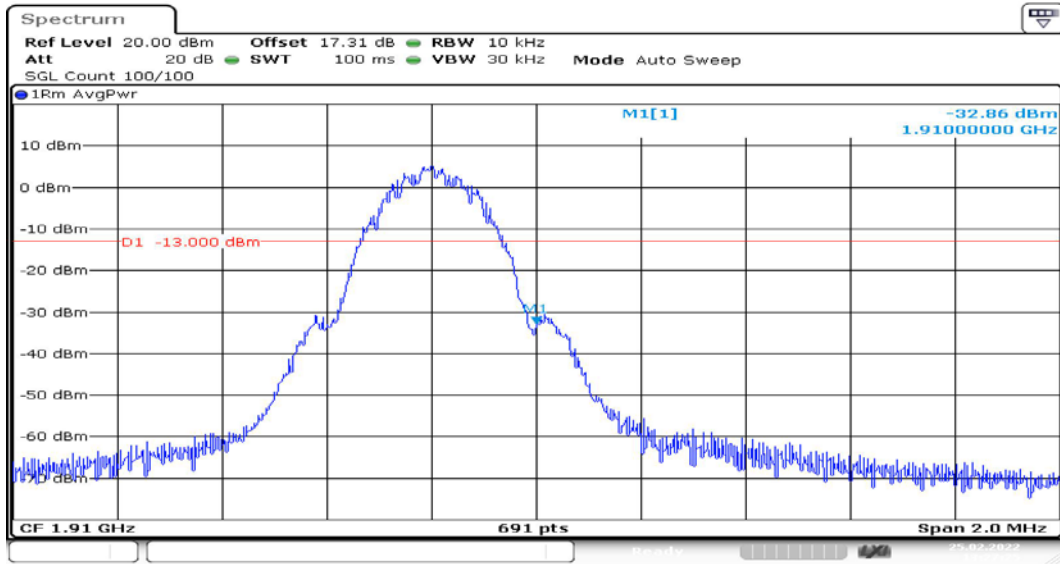


Channel 810

GPRS MODE:

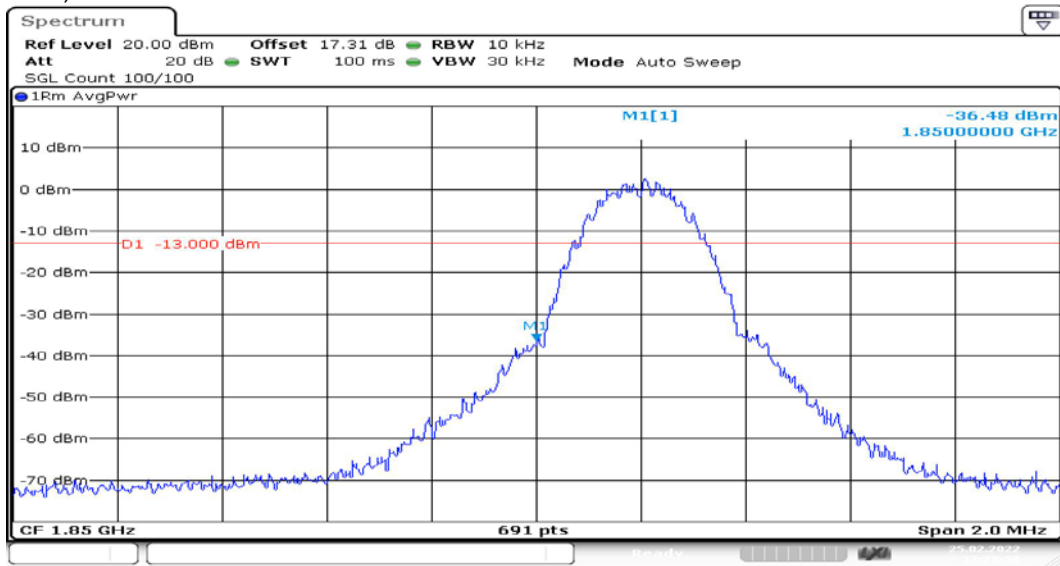


Channel 512

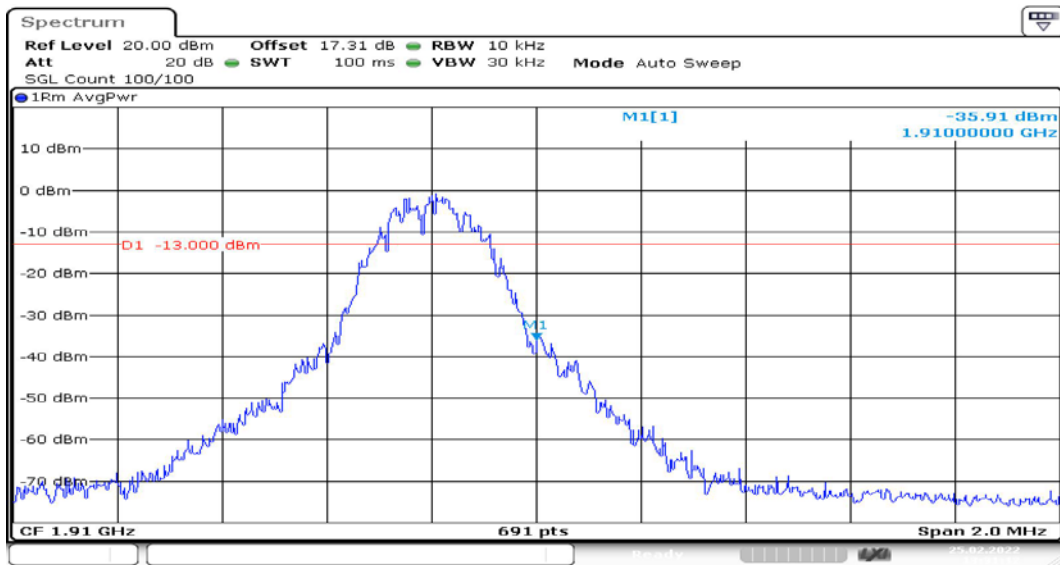


Channel 810

EGPRS (8PSK) MODE:



Channel 512



Channel 810

6. Frequency Stability

PCS1900

GSM MODE:

Temperature(°C)	Test Result (ppm)@NV		
	Channel 512	Channel 661	Channel 810
-30	-0.008	-0.012	-0.010
-20	-0.010	-0.009	-0.008
-10	-0.008	-0.007	-0.007
0	-0.005	-0.006	-0.003
+10	-0.006	-0.005	-0.005
+30	-0.005	-0.004	-0.004
+40	-0.001	-0.002	-0.001
+50	0.000	-0.002	-0.001
Voltage	Test Result (ppm)@NT		
	Channel 512	Channel 661	Channel 810
LV	0.000	0.000	0.001
HV	-0.002	-0.002	-0.001

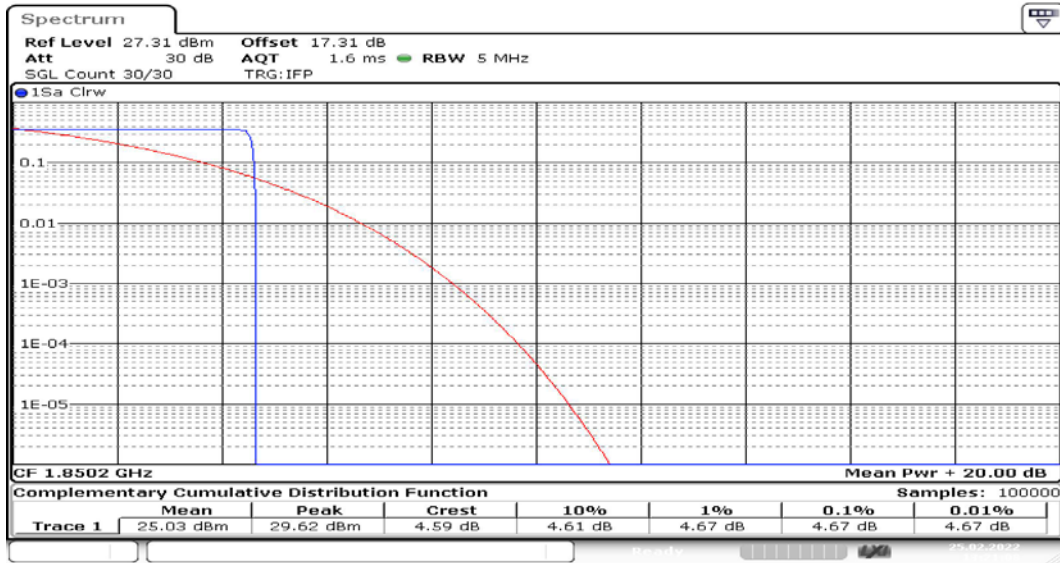
GPRS MODE:

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

EGPRS (8PSK) MODE:

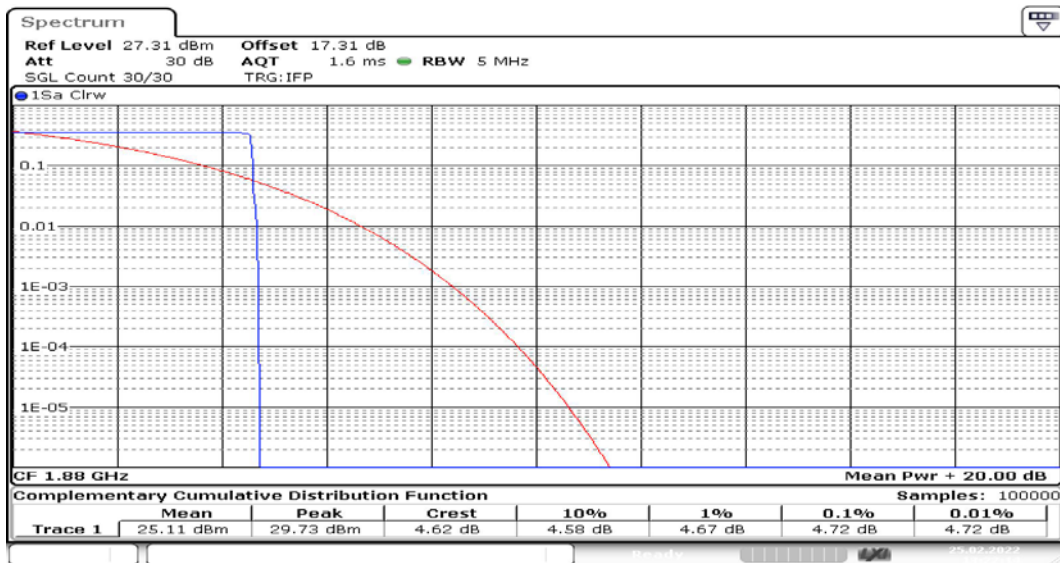
Temperature(°C)	Test Result (ppm)@NV		
	Channel 512	Channel 661	Channel 810
-30	-0.011	-0.009	-0.005
-20	-0.007	-0.001	0.000
-10	-0.008	-0.005	-0.002
0	-0.006	-0.005	-0.001
+10	-0.003	-0.007	-0.003
+30	-0.003	-0.004	0.001
+40	0.001	-0.001	0.005
+50	-0.001	0.001	0.006
Voltage	Test Result (ppm)@NT		
	Channel 512	Channel 661	Channel 810
LV	-0.007	-0.004	0.001
HV	-0.004	-0.002	0.003

7. Peak-Average Ratio
PCS1900
GSM MODE:



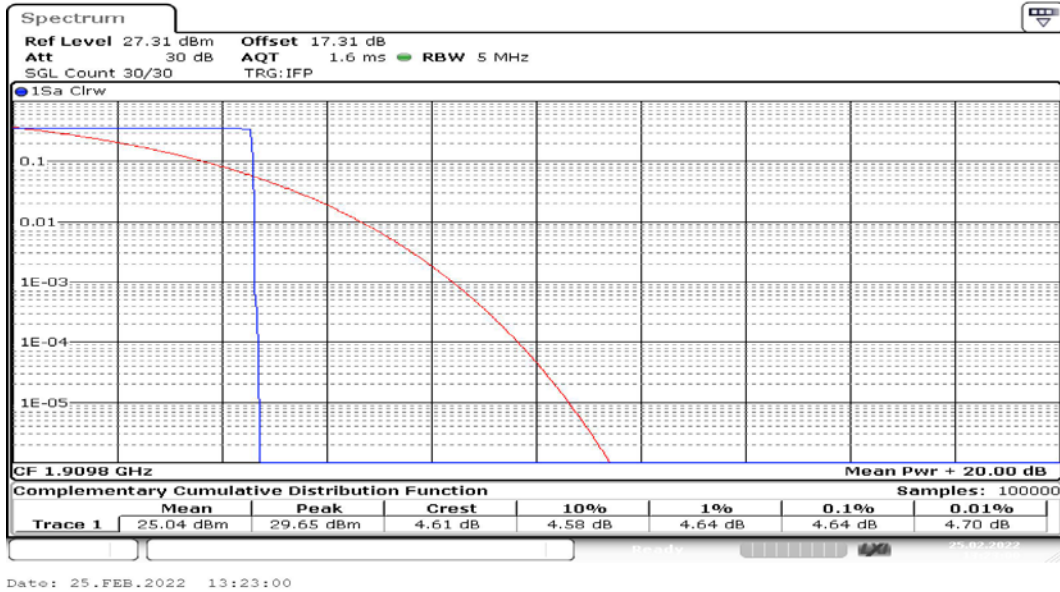
Date: 25.FEB.2022 13:21:09

Channel 512



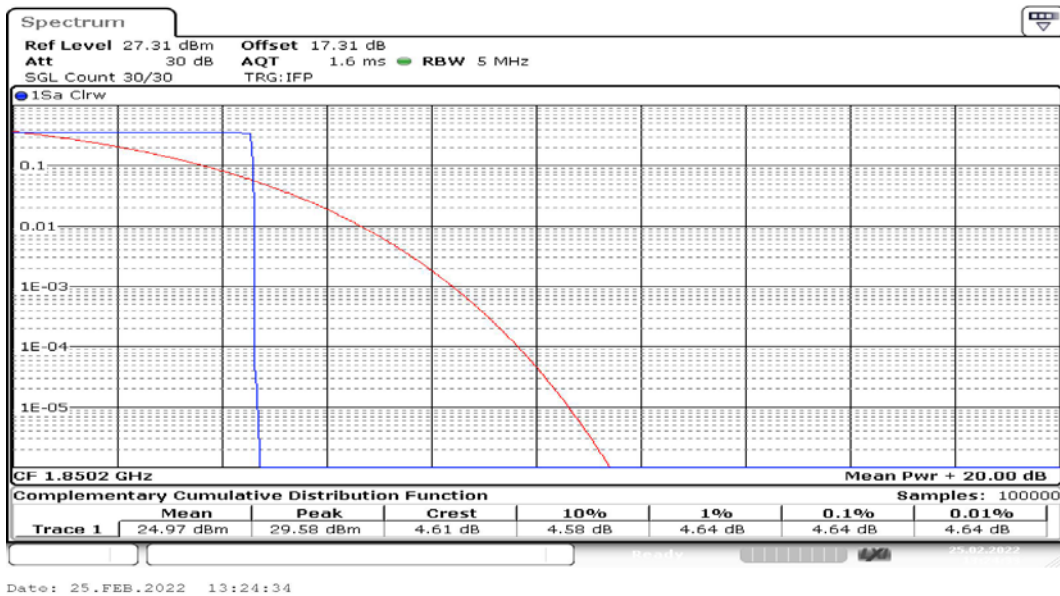
Date: 25.FEB.2022 13:22:14

Channel 661

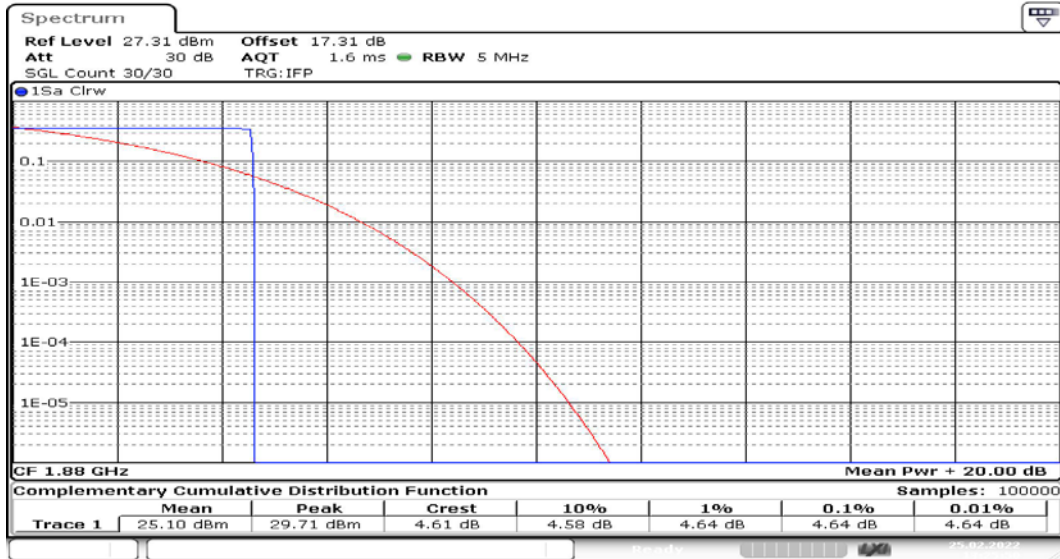


Channel 810

GPRS MODE:

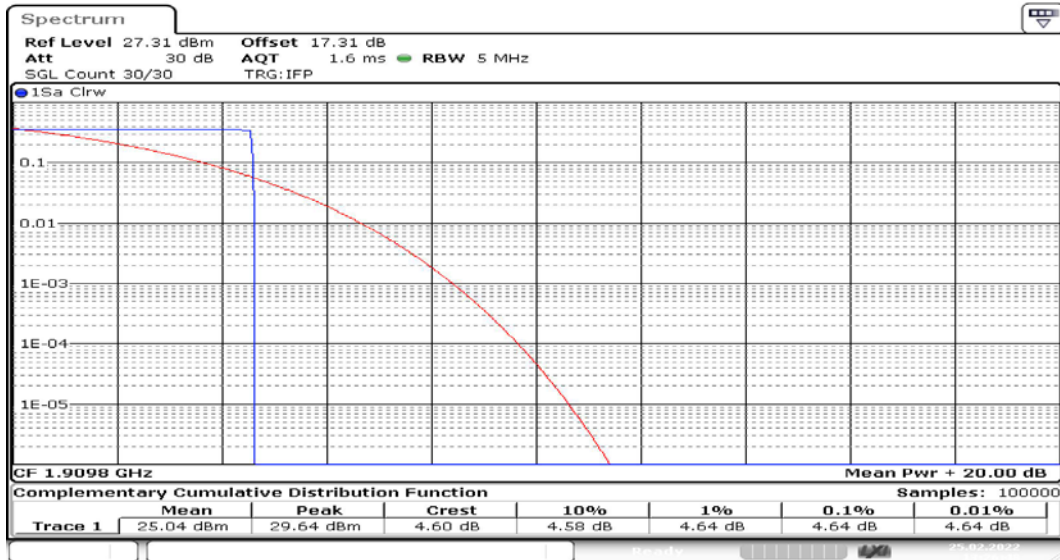


Channel 512



Date: 25.FEB.2022 13:25:50

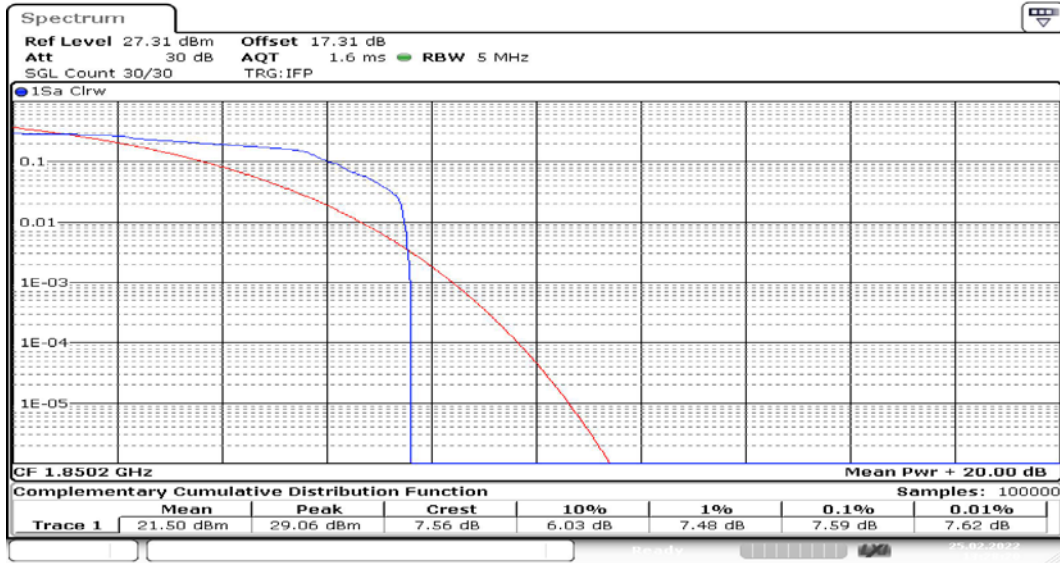
Channel 661



Date: 25.FEB.2022 13:26:48

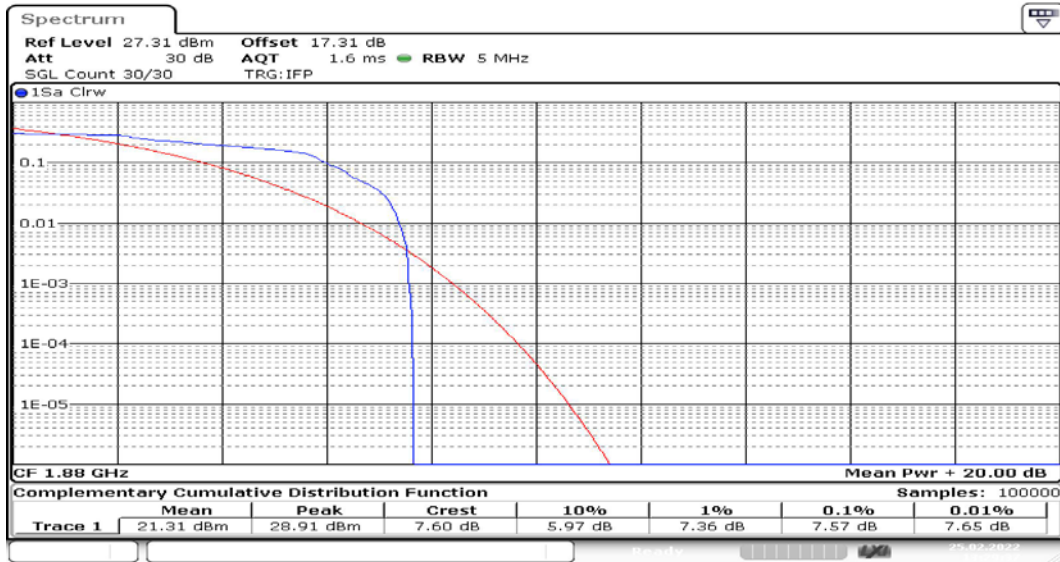
Channel 810

EGPRS (8PSK) MODE:



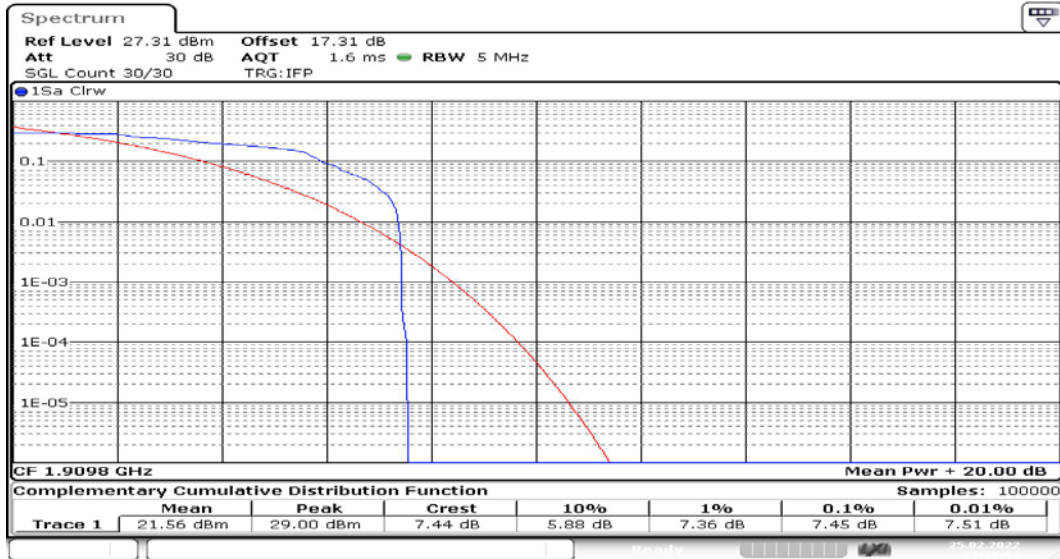
Date: 25.FEB.2022 13:28:21

Channel 512



Date: 25.FEB.2022 13:29:37

Channel 661



Date: 25.FEB.2022 13:30:35

Channel 810

8. Effective Radiated Power and Effective Isotropic Radiated Power PCS1900

GSM Measured Power:

Carrier frequency (MHz)	Channel No.	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
1850.2	512	27.62	25.52	0.356
1880	661	27.70	25.60	0.363
1909.8	810	27.64	25.54	0.358

GPRS Measured Power:

Carrier frequency (MHz)	Channel No.	TX Mode	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
1850.2	512	4Down1Up	27.59	25.49	0.354
1880	661		27.68	25.58	0.361
1909.8	810		27.62	25.52	0.356
1850.2	512	3Down2Up	26.81	24.71	0.296
1880	661		26.92	24.82	0.303
1909.8	810		26.85	24.75	0.299
1850.2	512	2Down3Up	25.09	22.99	0.199
1880	661		25.20	23.10	0.204
1909.8	810		25.14	23.04	0.201
1850.2	512	1Down4Up	23.98	21.88	0.154
1880	661		24.08	21.98	0.158
1909.8	810		24.06	21.96	0.157

EGPRS (8PSK) Measured Power:

Carrier frequency (MHz)	Channel No.	TX Mode	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
1850.2	512	4Down1Up	24.22	22.12	0.163
1880	661		24.08	21.98	0.158
1909.8	810		24.21	22.11	0.163
1850.2	512	3Down2Up	23.13	21.03	0.127
1880	661		24.07	21.97	0.157
1909.8	810		24.17	22.07	0.161
1850.2	512	2Down3Up	21.29	19.19	0.083
1880	661		21.11	19.01	0.080
1909.8	810		21.29	19.19	0.083
1850.2	512	1Down4Up	20.28	18.18	0.066
1880	661		20.15	18.05	0.064
1909.8	810		20.33	18.23	0.067

APPENDIX B – TEST DATA OF RADIATED EMISSION

Radiated Spurious Emissions

Note: The worst channel results are reflected in the report.

850 Test result

GSM/GPRS MODE Channel 189:

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
3230.343750	-63.60	-13	Vertical
4214.484375	-61.62	-13	Vertical
5018.554688	-56.72	-13	Vertical
6791.531250	-57.70	-13	Vertical
8756.765625	-55.51	-13	Vertical
10718.343750	-56.19	-13	Vertical

EDGE (8PSK) MODE Channel 189:

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
3538.992188	-63.11	-13	Vertical
4343.062500	-61.01	-13	Vertical
6283.007813	-58.26	-13	Vertical
8035.265625	-57.77	-13	Vertical
9542.859375	-57.72	-13	Vertical
10764.656250	-56.17	-13	Vertical

1900 Test result

GSM/GPRS MODE Channel 661:

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
3760.312500	-61.48	-13	Vertical
4436.250000	-61.20	-13	Vertical
5640.937500	-57.56	-13	Vertical
6816.093750	-58.12	-13	Vertical
9399.843750	-51.34	-13	Vertical
13160.156250	-39.03	-13	Vertical

EDGE (8PSK) MODE Channel 661:

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
3857.812500	-63.76	-13	Vertical
4962.187500	-60.08	-13	Vertical
6853.593750	-57.37	-13	Vertical
8040.937500	-58.00	-13	Vertical
8753.906250	-56.38	-13	Vertical
13464.375000	-52.25	-13	Vertical

---End of Test Report---