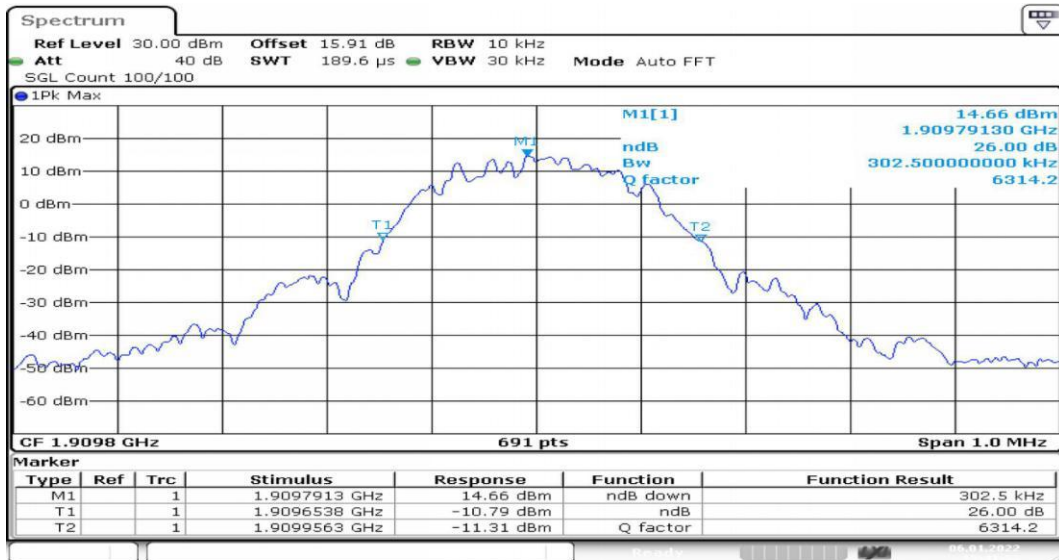


Date: 6.JAN.2022 15:40:56

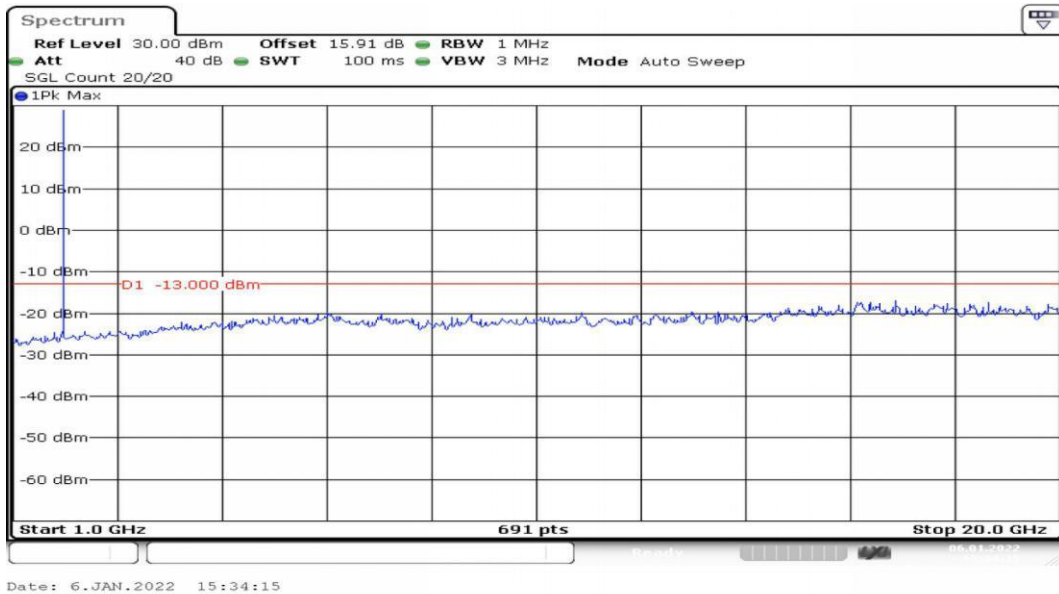
Channel 661



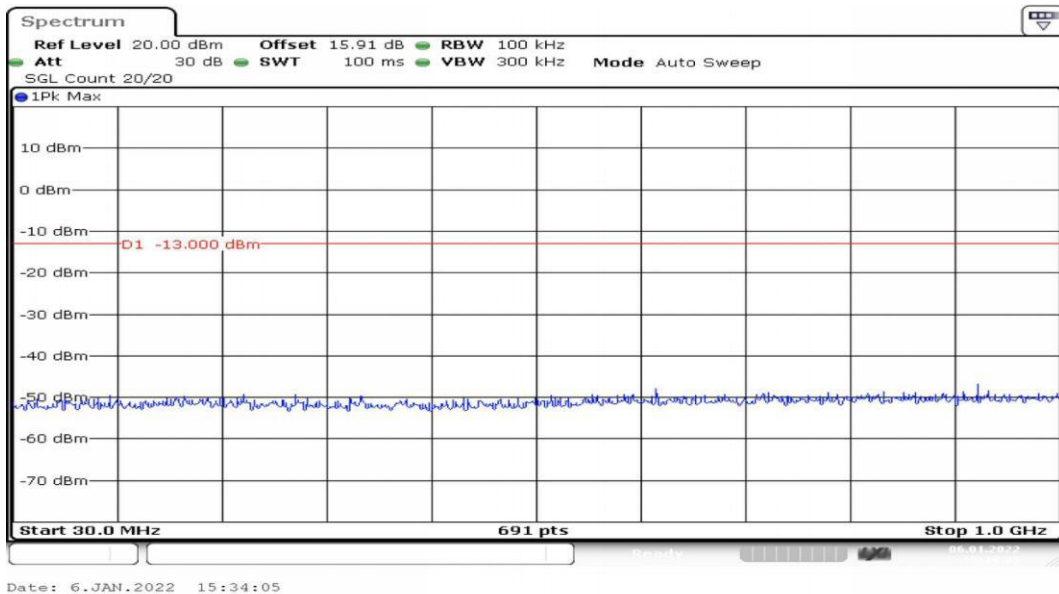
Date: 6.JAN.2022 15:41:54

Channel 810

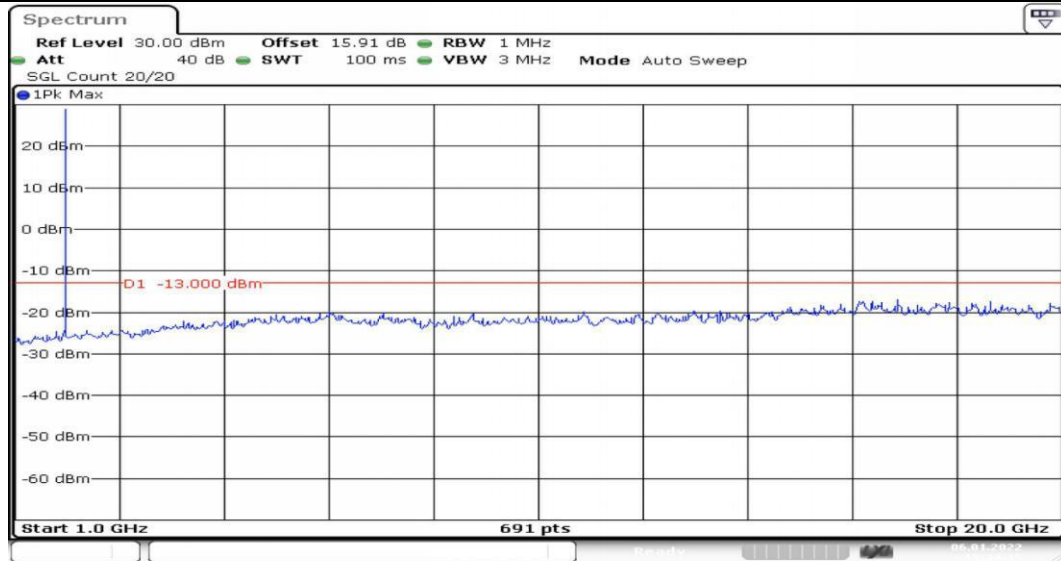
4. Spurious Emissions at antenna terminal
PCS1900
GSM MODE:



Channel 512

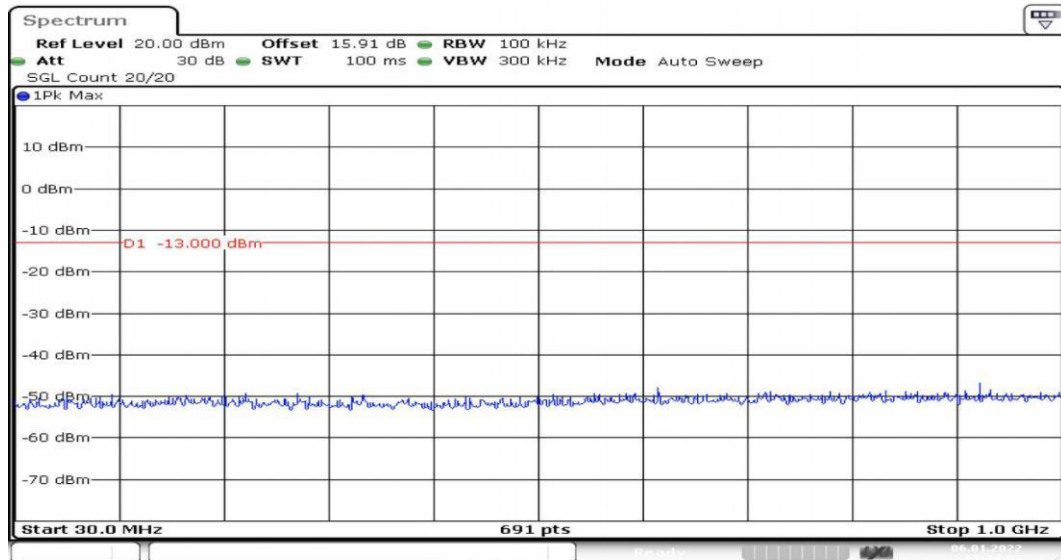


Channel 512



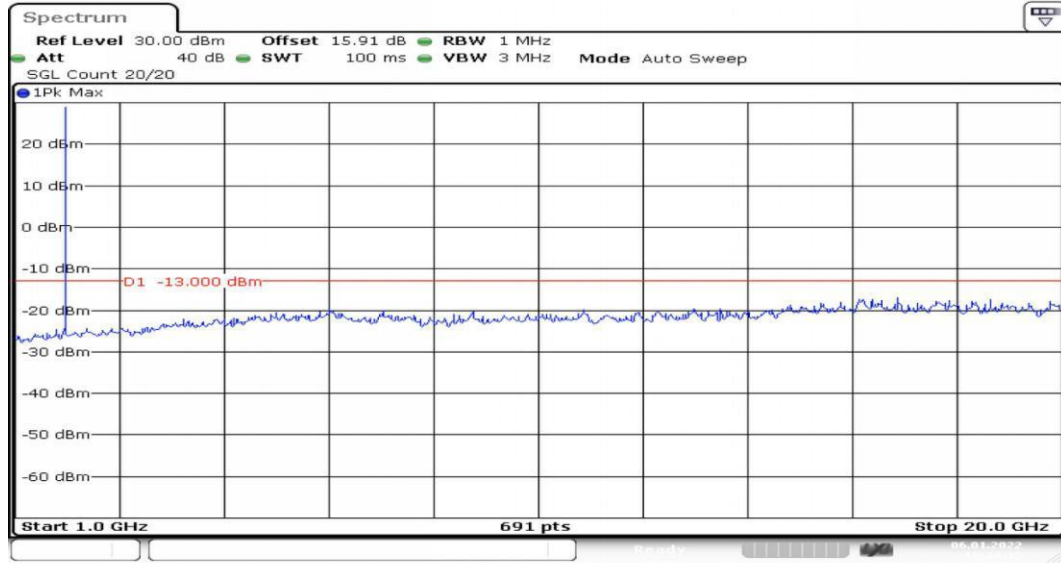
Date: 6.JAN.2022 15:34:15

Channel 661



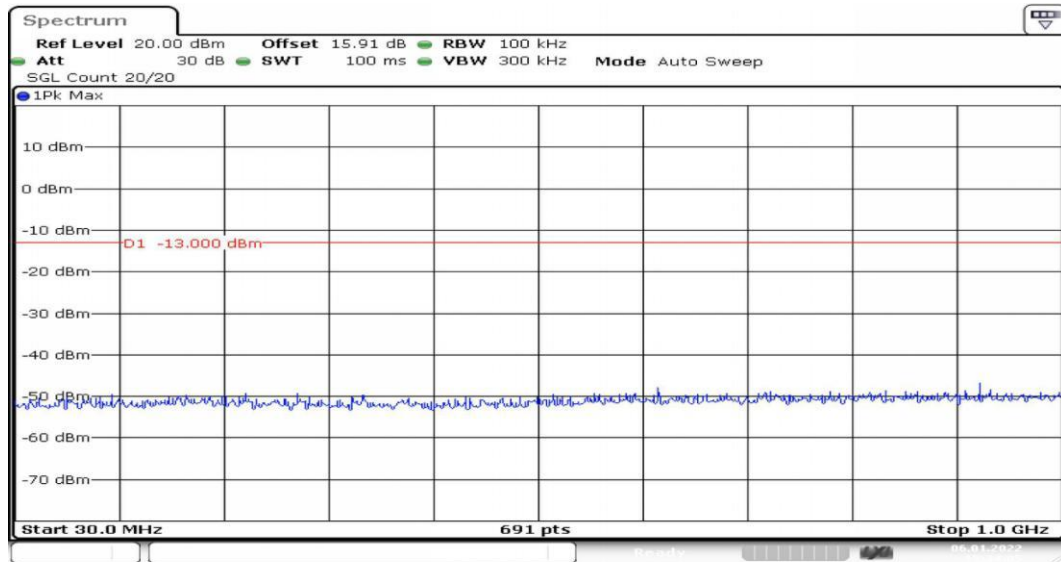
Date: 6.JAN.2022 15:34:05

Channel 661



Date: 6.JAN.2022 15:34:15

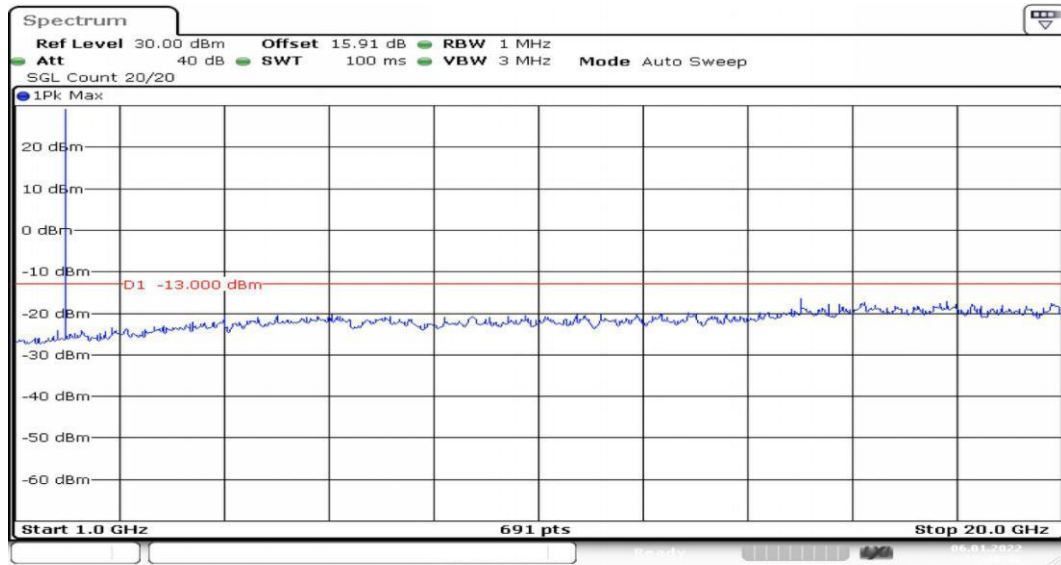
Channel 810



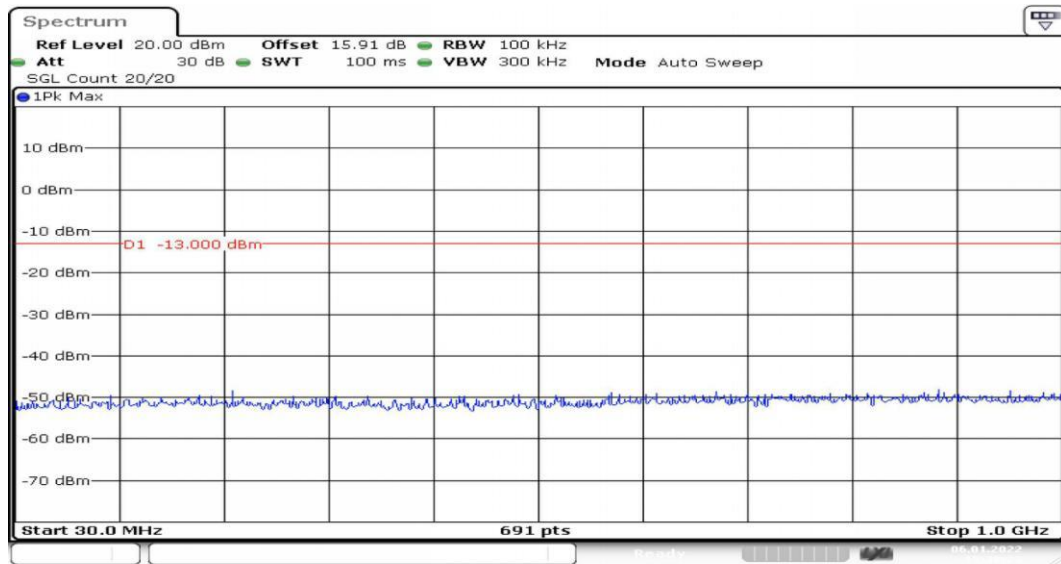
Date: 6.JAN.2022 15:34:05

Channel 810

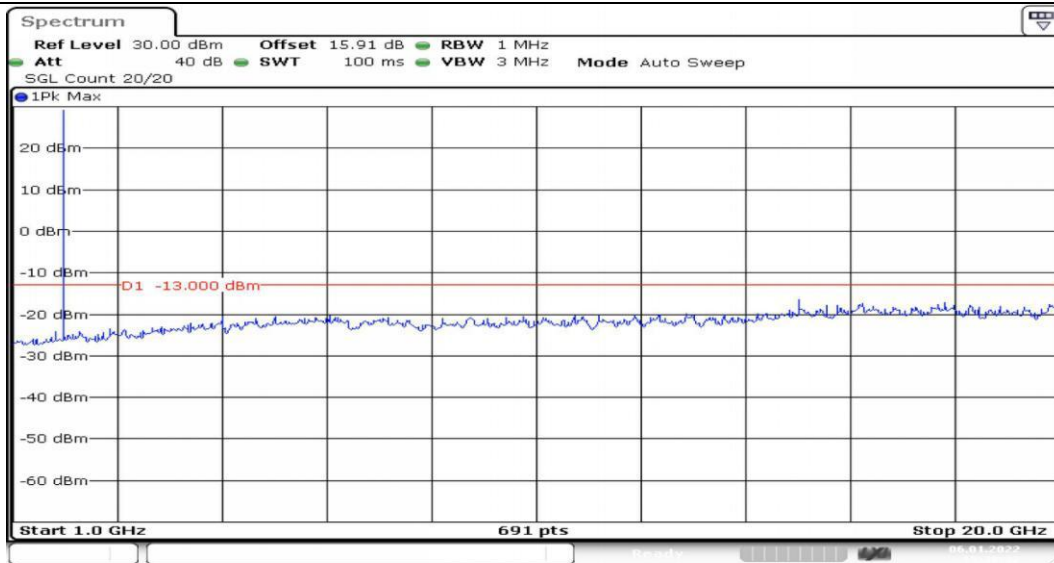
GPRS MODE:



Channel 512

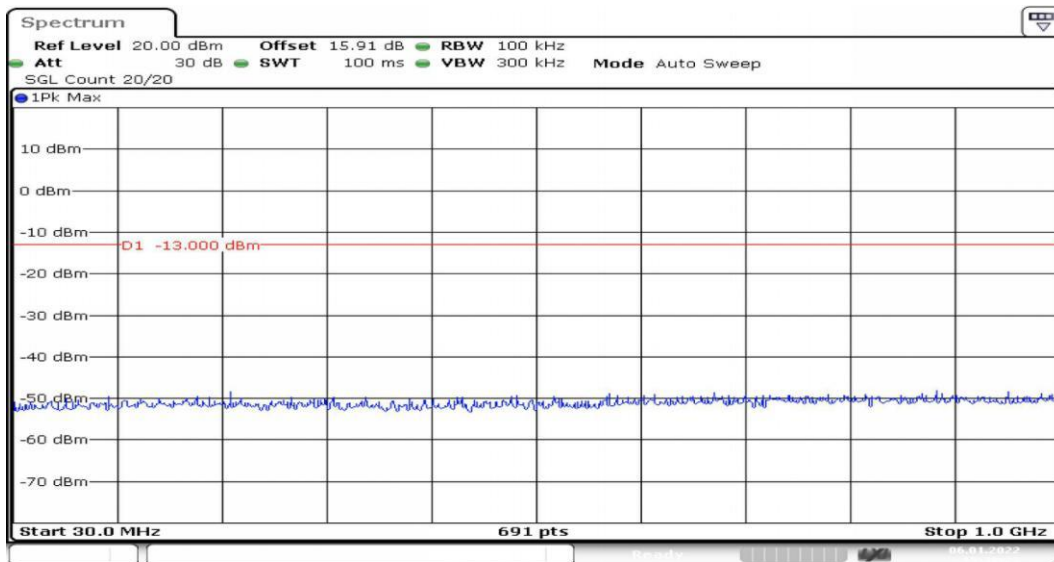


Channel 512



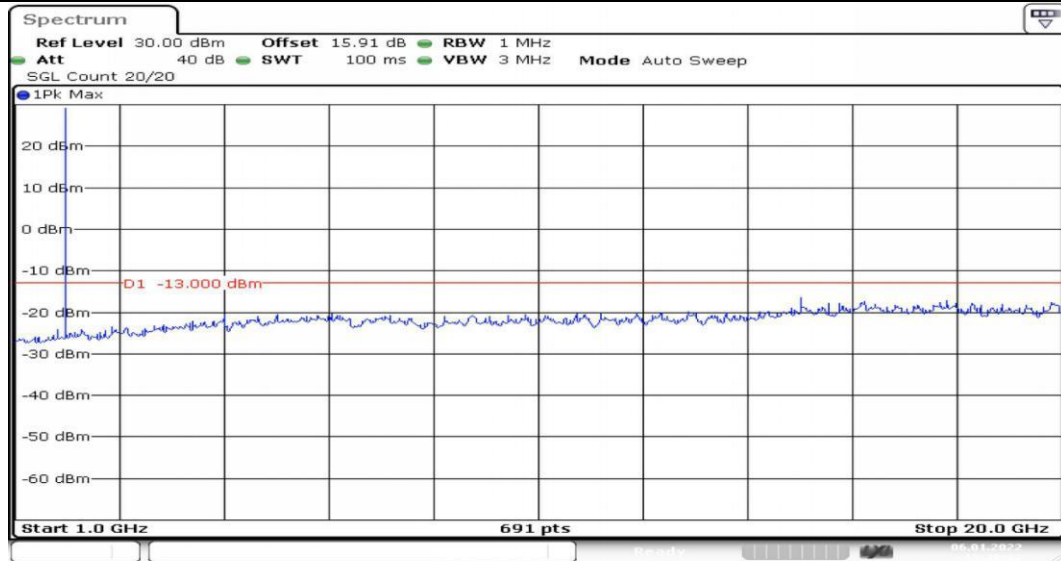
Date: 6.JAN.2022 15:38:32

Channel 661



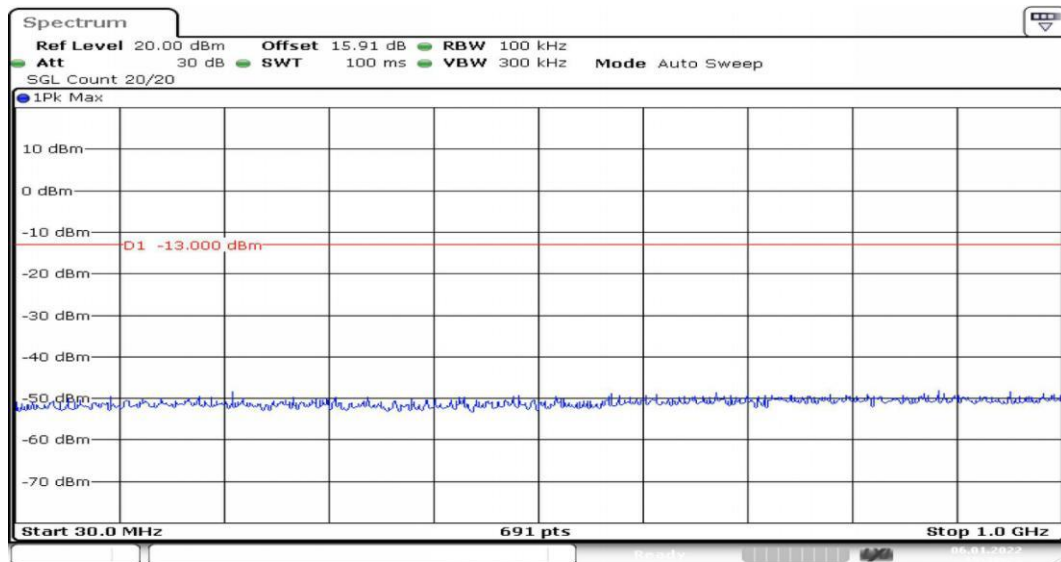
Date: 6.JAN.2022 15:38:23

Channel 661



Date: 6.JAN.2022 15:38:32

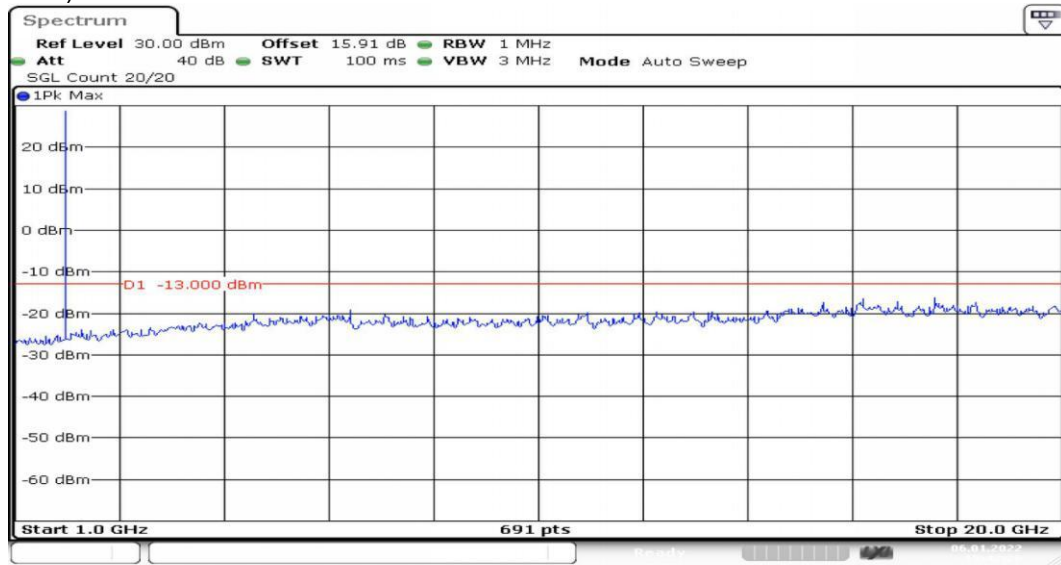
Channel 810



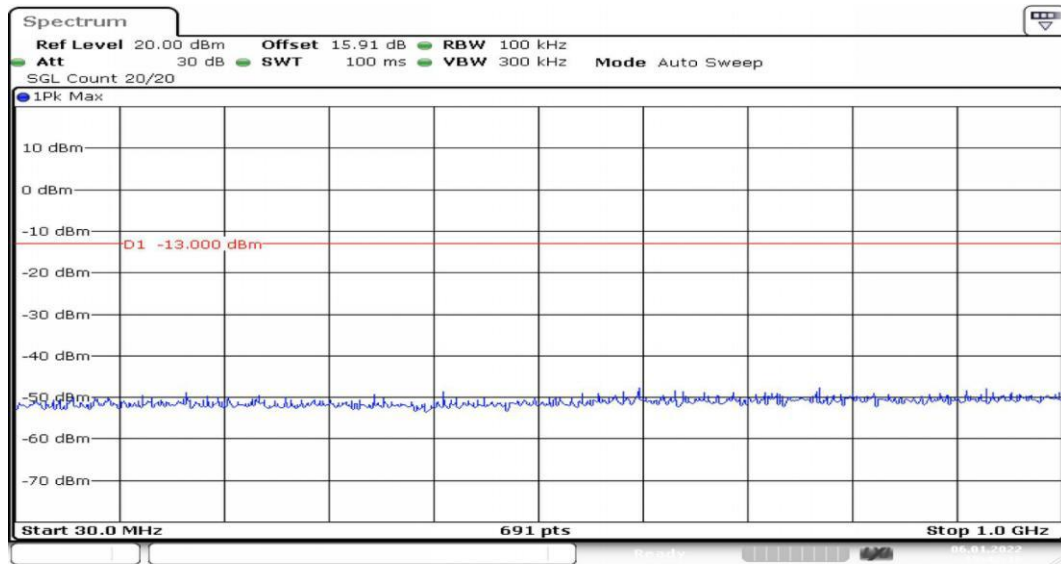
Date: 6.JAN.2022 15:38:23

Channel 810

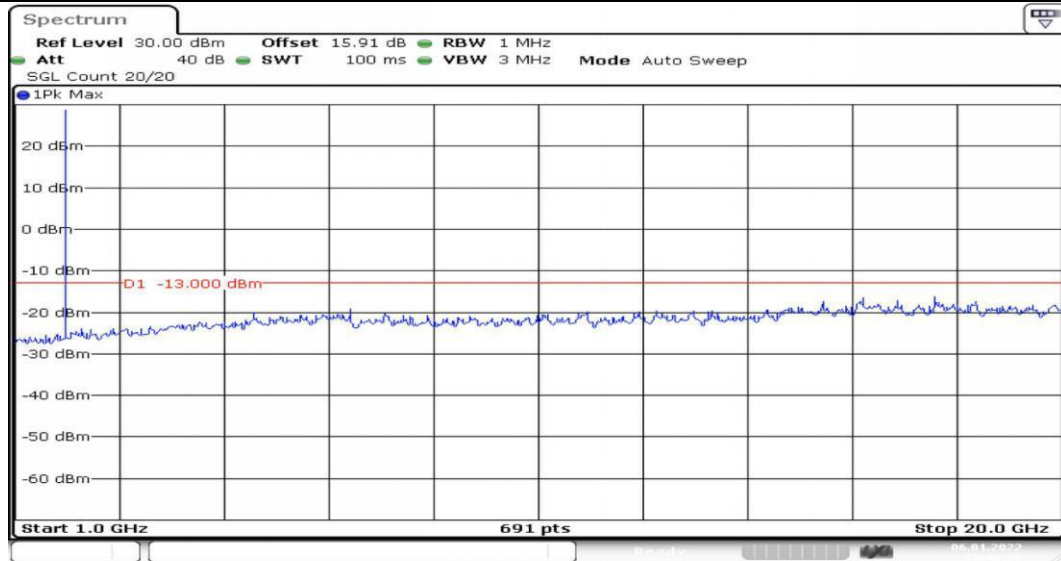
EGPRS (8PSK) MODE:



Channel 512

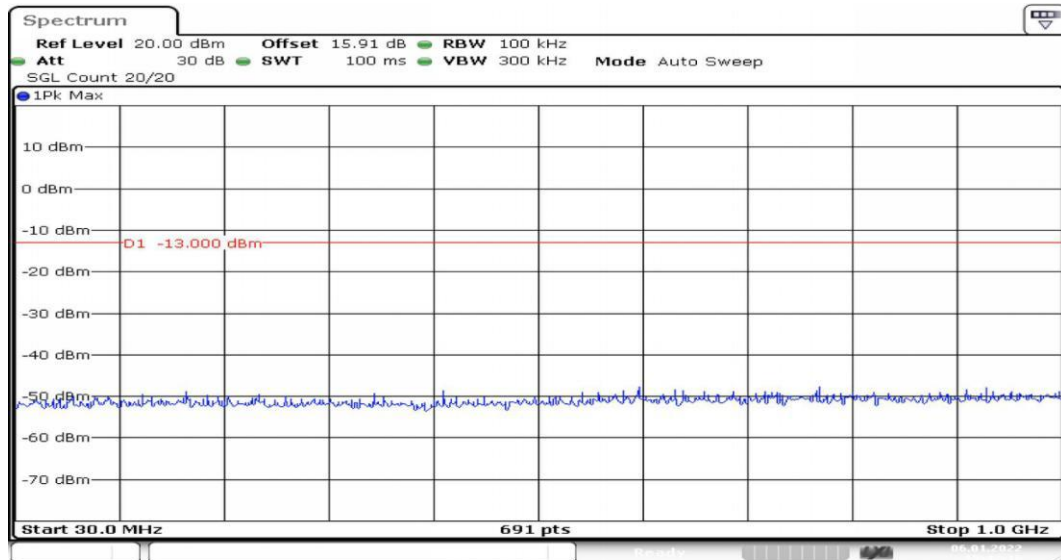


Channel 512



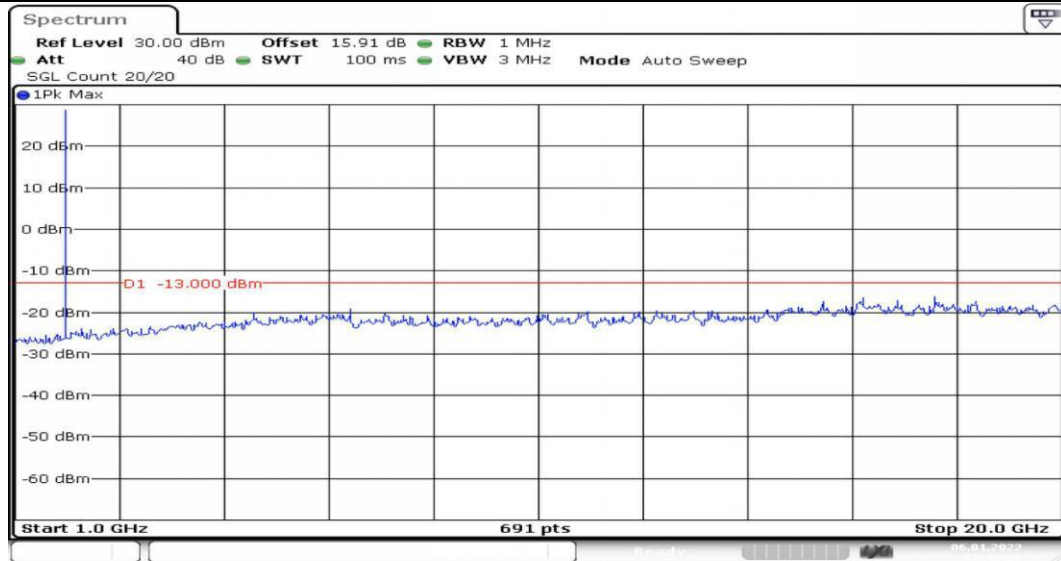
Date: 6.JAN.2022 15:42:20

Channel 661



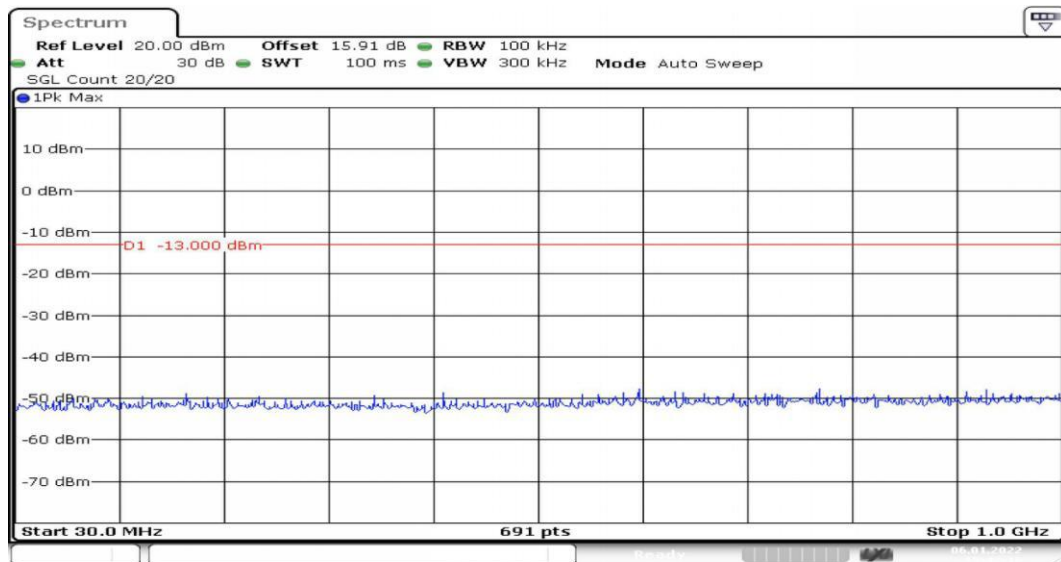
Date: 6.JAN.2022 15:42:10

Channel 661



Date: 6.JAN.2022 15:42:20

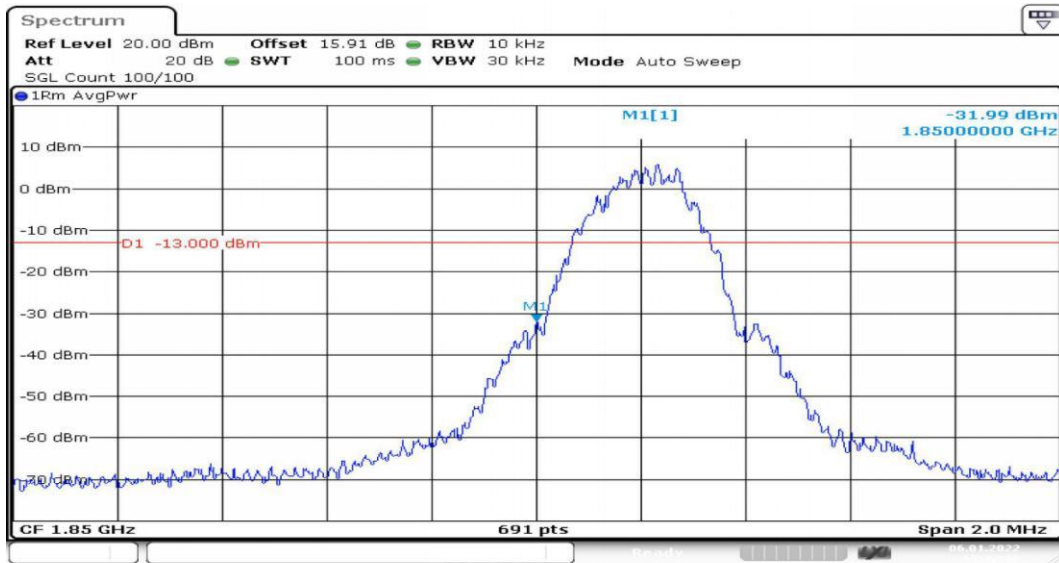
Channel 810



Date: 6.JAN.2022 15:42:10

Channel 810

5. Band Edges Compliance
PCS1900
GSM MODE:

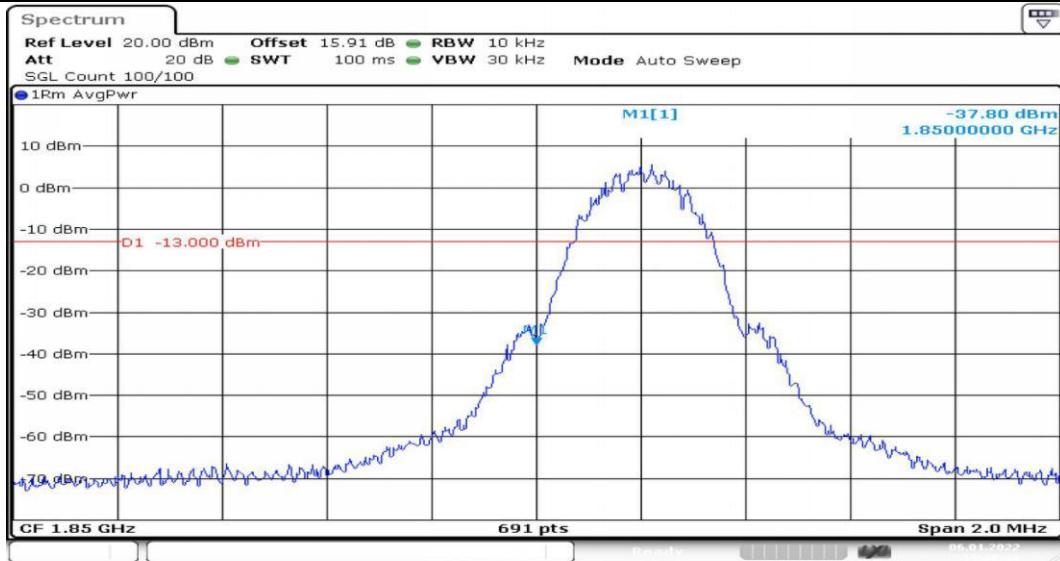


Channel 512



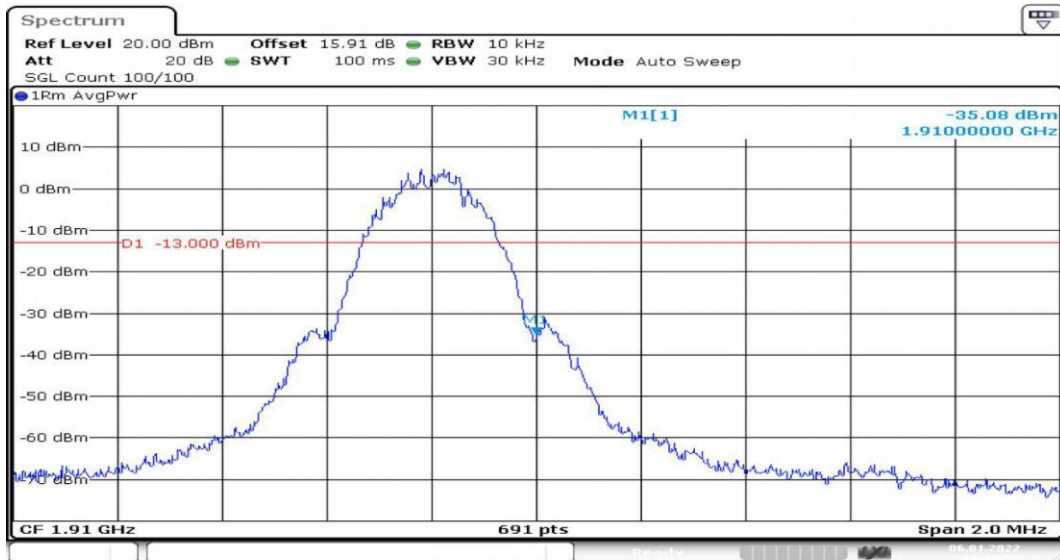
Channel 810

GPRS MODE:



Date: 6.JAN.2022 15:36:38

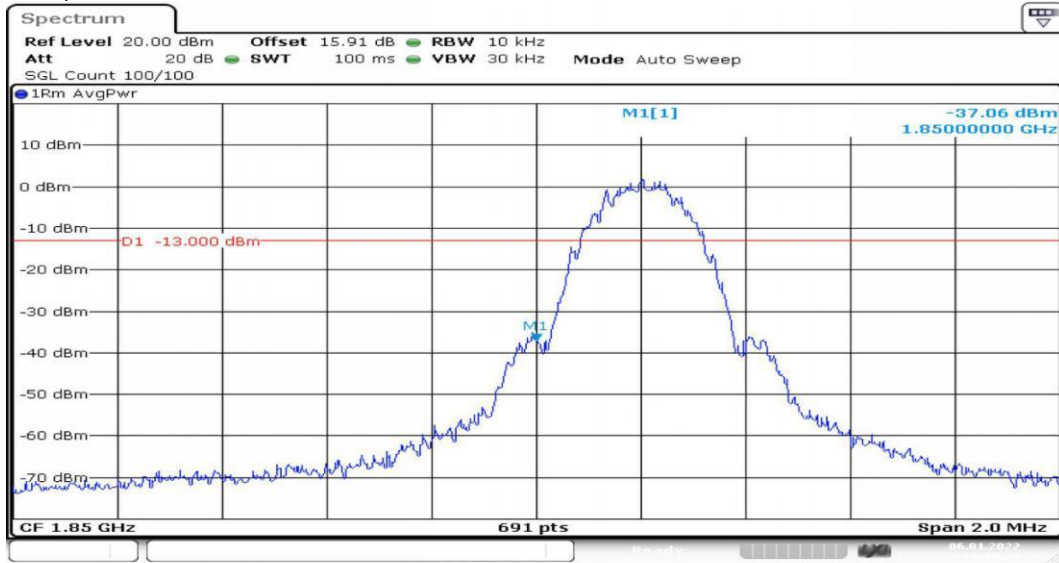
Channel 512



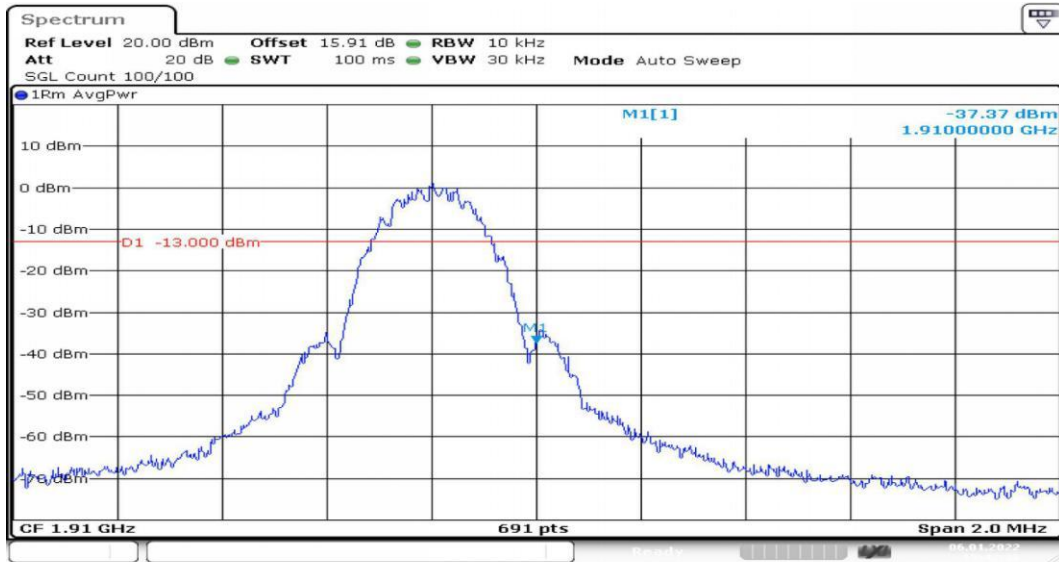
Date: 6.JAN.2022 15:38:52

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
-10	0.002	0.001	-0.005
0	-0.001	0.000	-0.003
+10	0.002	-0.001	0.000
+30	-0.001	0.003	-0.002
+40	0.002	-0.006	-0.003
+50	-0.004	0.000	-0.002
Voltage	Test Result (ppm)@NT		
	Channel 512	Channel 661	Channel 810
LV	0.005	0.000	0.001
HV	-0.004	-0.005	0.001

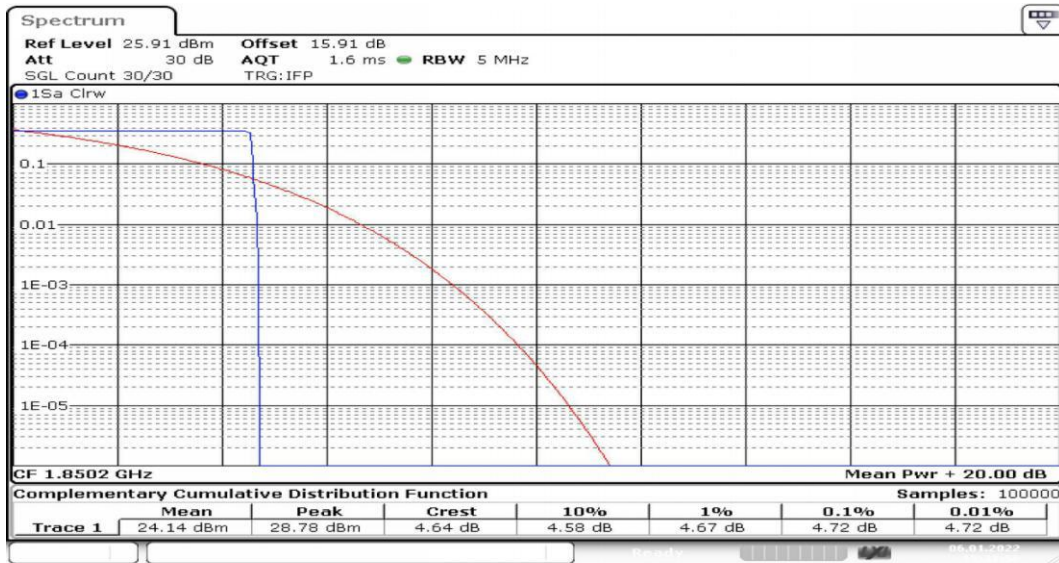
GPRS MODE:

Temperature(°C)	Test Result (ppm)@NV		
	Channel 512	Channel 661	Channel 810
-10	0.005	-0.004	0.000
0	0.003	0.005	0.000
+10	0.006	0.011	0.007
+30	0.002	-0.005	0.000
+40	0.011	0.010	-0.003
+50	0.017	0.004	0.000
Voltage	Test Result (ppm)@NT		
	Channel 512	Channel 661	Channel 810
LV	0.001	0.007	0.002
HV	0.005	0.008	-0.002

EGPRS (8PSK) MODE:

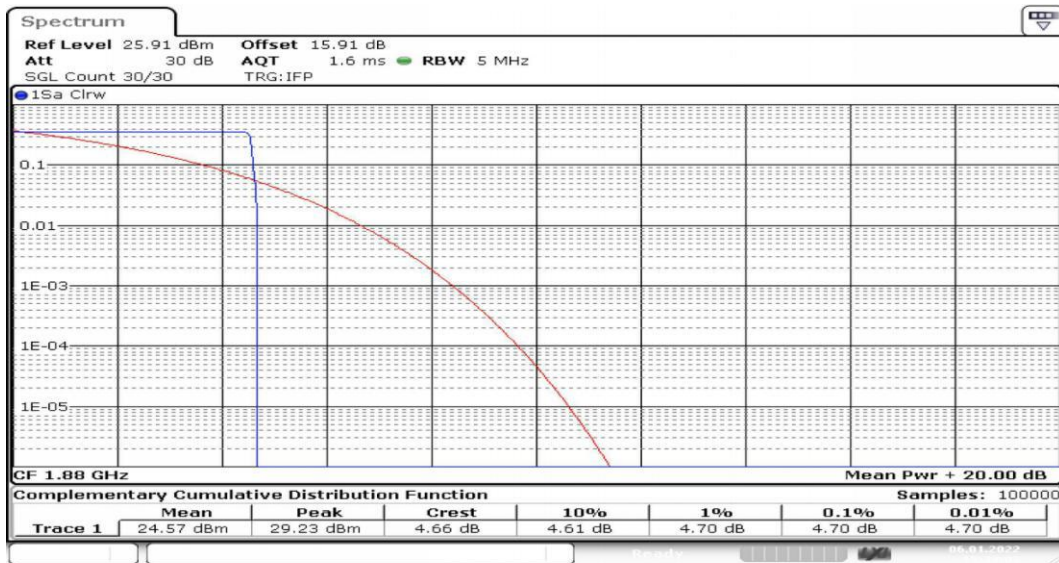
Temperature(°C)	Test Result (ppm)@NV		
	Channel 512	Channel 661	Channel 810
-10	0.002	-0.007	-0.003
0	-0.006	-0.007	-0.005
+10	0.000	-0.004	-0.004
+30	-0.003	-0.003	-0.001
+40	-0.003	-0.002	-0.002
+50	-0.003	-0.003	-0.001
Voltage	Test Result (ppm)@NT		
	Channel 512	Channel 661	Channel 810
LV	-0.002	-0.013	-0.003
HV	-0.004	-0.010	-0.007

7. Peak-Average Ratio
PCS1900
GSM MODE:



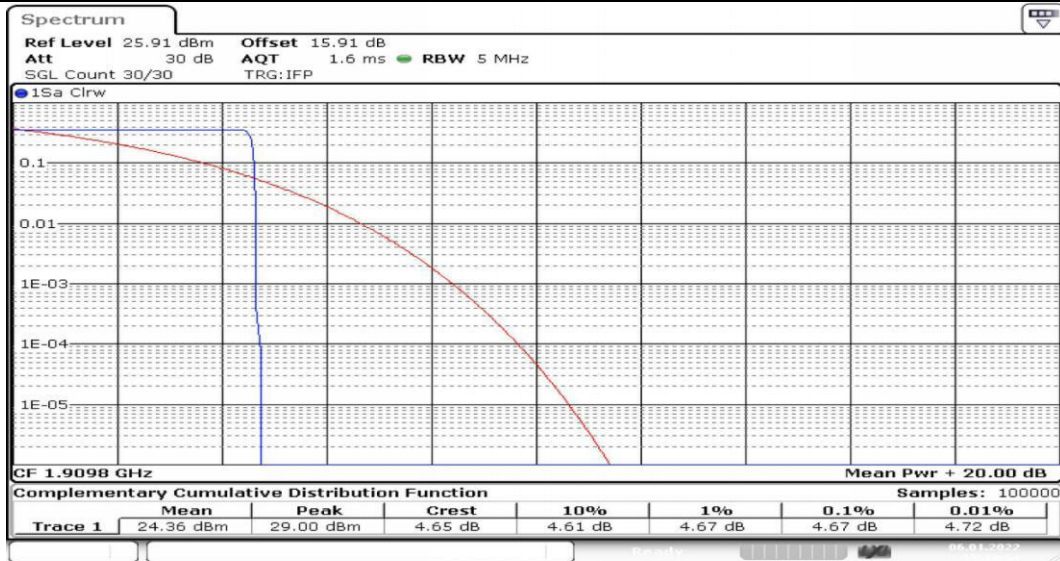
Date: 6.JAN.2022 15:31:50

Channel 512



Date: 6.JAN.2022 15:33:03

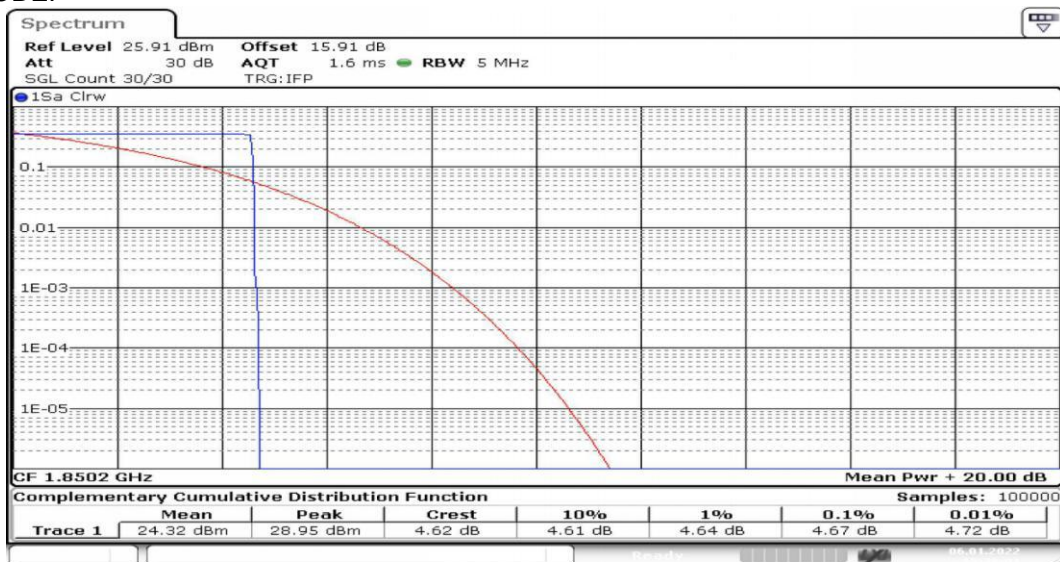
Channel 661



Date: 6.JAN.2022 15:33:54

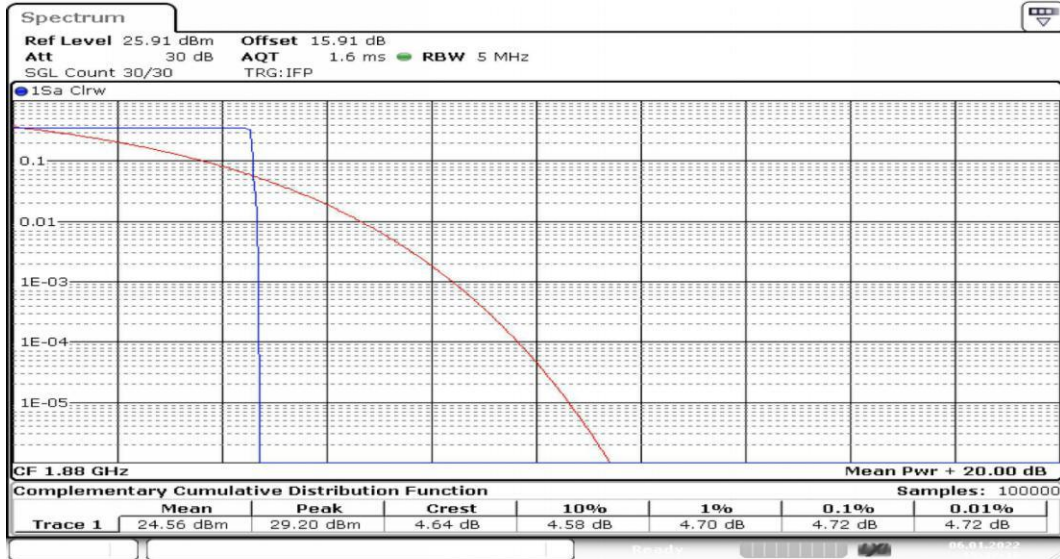
Channel 810

GPRS MODE:



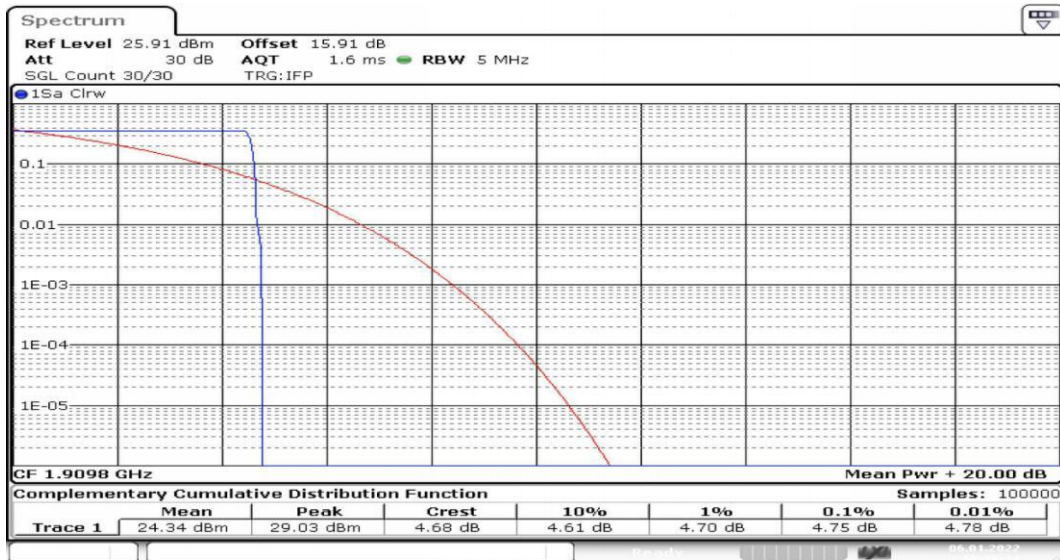
Date: 6.JAN.2022 15:36:01

Channel 512



Date: 6.JAN.2022 15:37:16

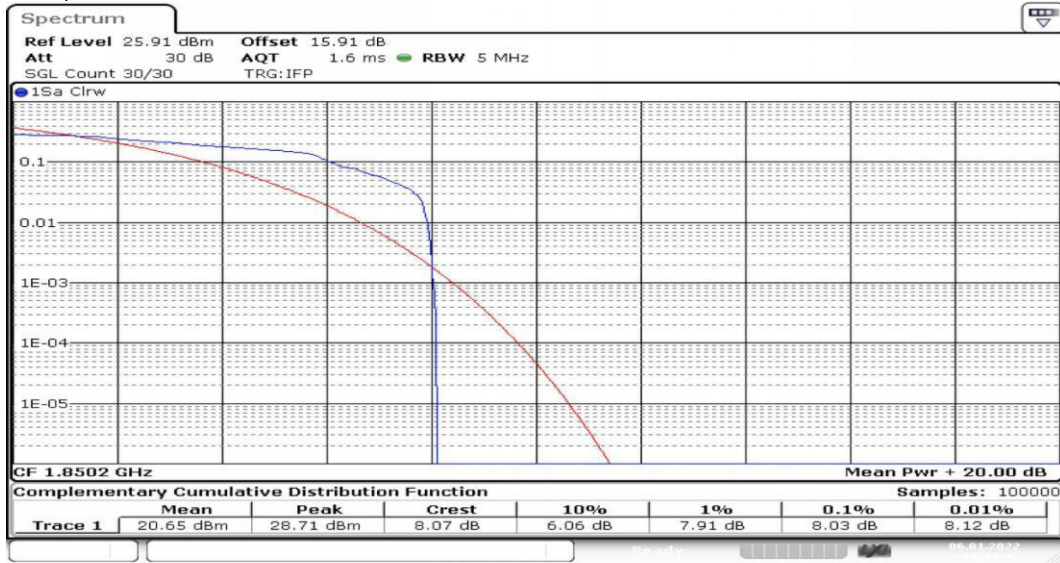
Channel 661



Date: 6.JAN.2022 15:38:14

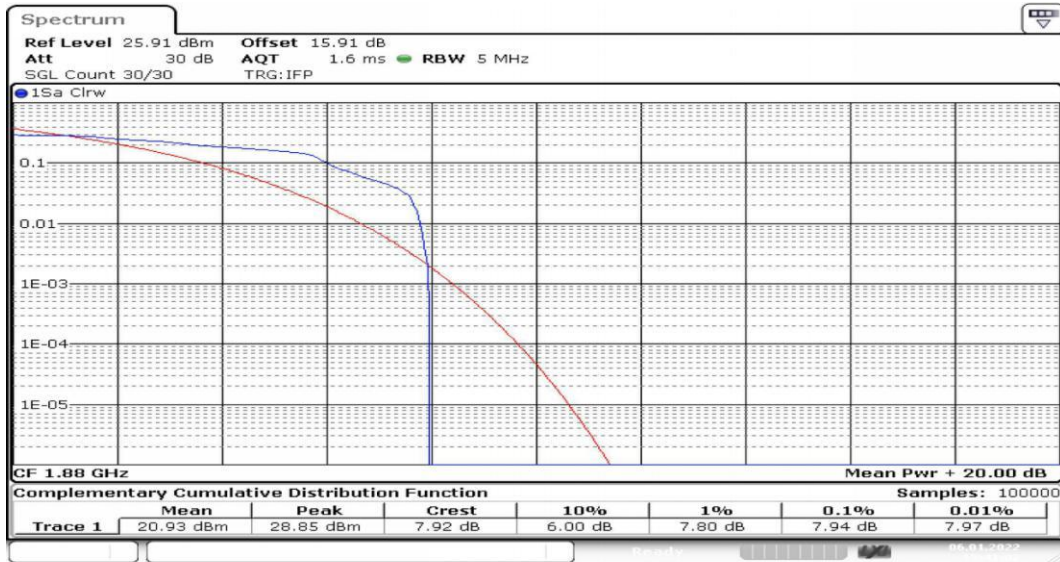
Channel 810

EGPRS (8PSK) MODE:



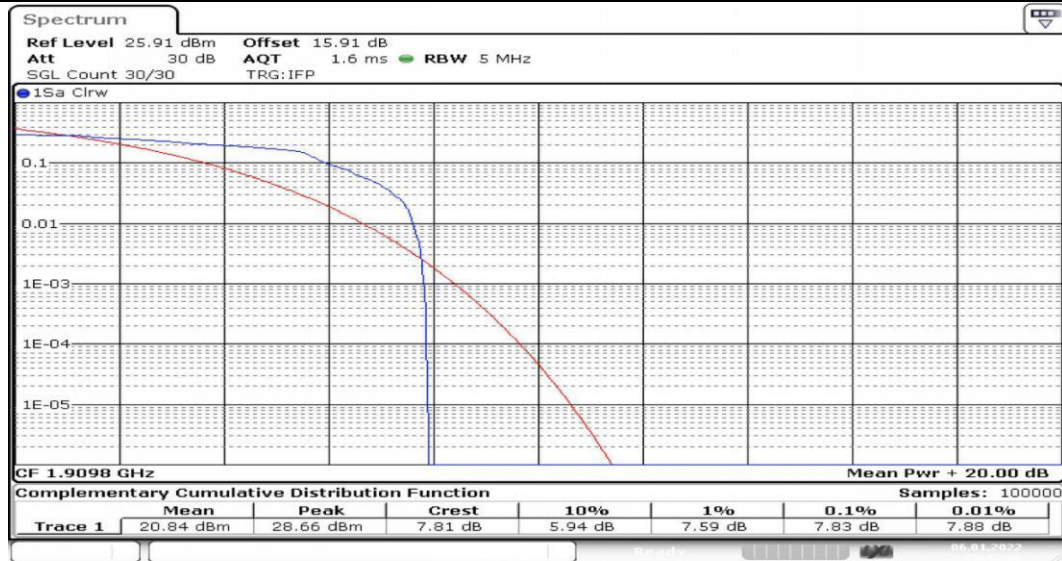
Date: 6.JAN.2022 15:39:47

Channel 512



Date: 6.JAN.2022 15:41:03

Channel 661



Date: 6.JAN.2022 15:42:01

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	27.53	26.23	0.420
1880	661	27.84	26.54	0.451
1909.8	810	27.74	26.44	0.441

GPRS Measured Power:

Carrier frequency (MHz)	Channel No.	TX Mode	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
1850.2	512	4Down1Up	27.54	26.24	0.421
1880	661		27.84	26.54	0.451
1909.8	810		27.76	26.46	0.443
1850.2	512	3Down2Up	26.27	24.97	0.314
1880	661		26.14	24.84	0.305
1909.8	810		25.86	24.56	0.286
1850.2	512	2Down3Up	24.71	23.41	0.219
1880	661		24.57	23.27	0.212
1909.8	810		24.29	22.99	0.199
1850.2	512	1Down4Up	22.71	21.41	0.138
1880	661		22.52	21.22	0.132
1909.8	810		22.23	20.93	0.124

EGPRS (8PSK) Measured Power:

Carrier frequency (MHz)	Channel No.	TX Mode	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
1850.2	512	4Down1Up	24.32	23.02	0.200
1880	661		24.44	23.14	0.206
1909.8	810		24.23	22.93	0.196
1850.2	512	3Down2Up	23.71	22.41	0.174
1880	661		23.69	22.39	0.173
1909.8	810		23.58	22.28	0.169
1850.2	512	2Down3Up	21.51	20.21	0.105
1880	661		21.61	20.31	0.107
1909.8	810		21.41	20.11	0.103
1850.2	512	1Down4Up	20.88	19.58	0.091
1880	661		20.75	19.45	0.088
1909.8	810		20.41	19.11	0.081

APPENDIX B – TEST DATA OF RADIATED EMISSION

Radiated Spurious Emissions

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

Note: The scanned graph represents the maximum of both horizontal and vertical polarizations and is not a single horizontal or vertical polarization scan.

850 Test result

GSM/GPRS MODE Channel 189:

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
4791.257813	-60.45	-13	Vertical
5936.578125	-59.56	-13	Vertical
7296.703125	-58.30	-13	Vertical
8612.648438	-56.69	-13	Vertical
9967.289063	-58.44	-13	Vertical
11120.226563	-56.84	-13	Vertical

EDGE (8PSK) MODE Channel 189:

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
4801.617188	-60.81	-13	Vertical
5792.765625	-60.93	-13	Vertical
6456.984375	-61.25	-13	Vertical
7339.664063	-58.42	-13	Vertical
8650.429688	-55.57	-13	Vertical
10395.679688	-57.63	-13	Vertical

1900 Test result
GSM/GPRS MODE Channel 661:

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
3759.843750	-58.34	-13	Vertical
5640.000000	-57.90	-13	Vertical
6456.562500	-60.68	-13	Vertical
7367.343750	-59.02	-13	Vertical
8640.468750	-56.15	-13	Vertical
14568.281250	-50.64	-13	Vertical

EDGE (8PSK) MODE Channel 661:

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
4316.250000	-62.46	-13	Vertical
5086.406250	-61.72	-13	Vertical
7943.906250	-57.90	-13	Vertical
8828.437500	-57.24	-13	Vertical
13184.531250	-56.10	-13	Vertical
16867.500000	-47.61	-13	Vertical

---End of Test Report---