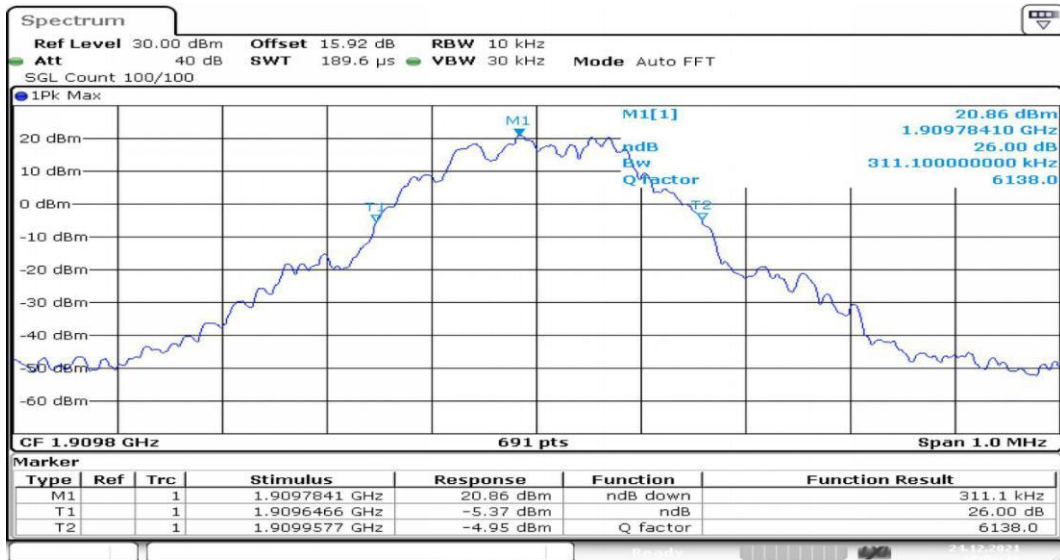


Date: 24.DEC.2021 10:06:35

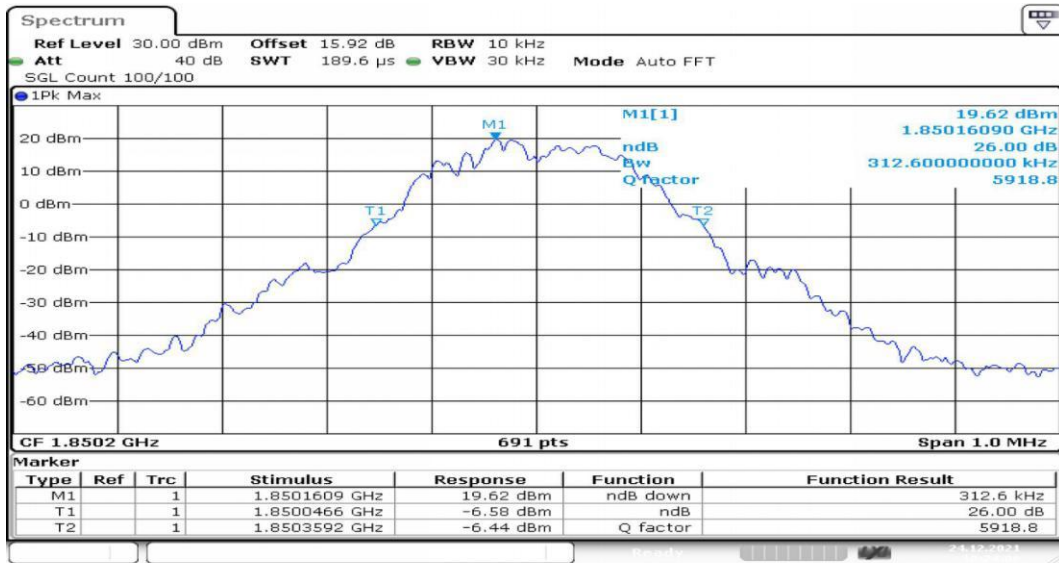
Channel 661



Date: 24.DEC.2021 10:07:19

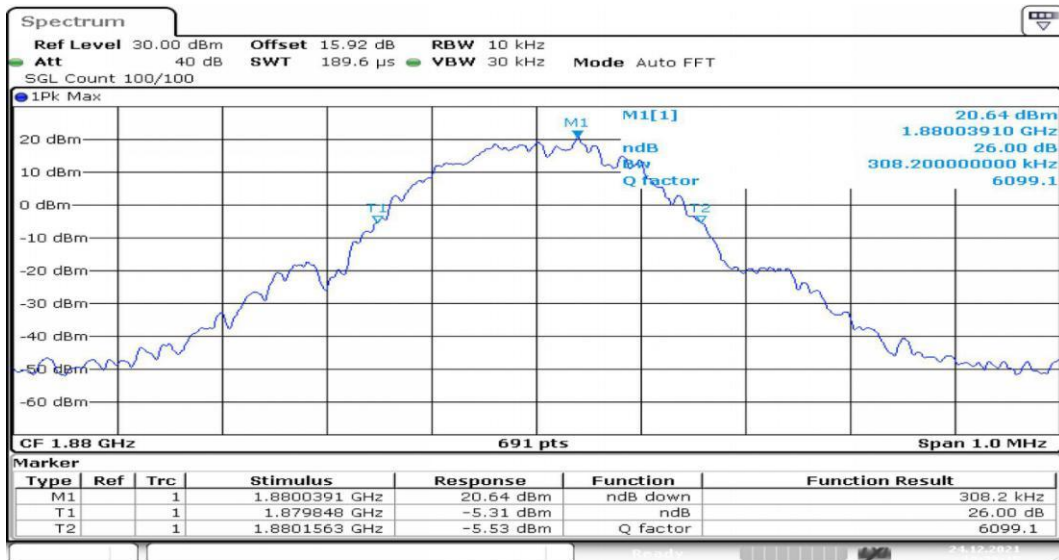
Channel 810

GPRS MODE:



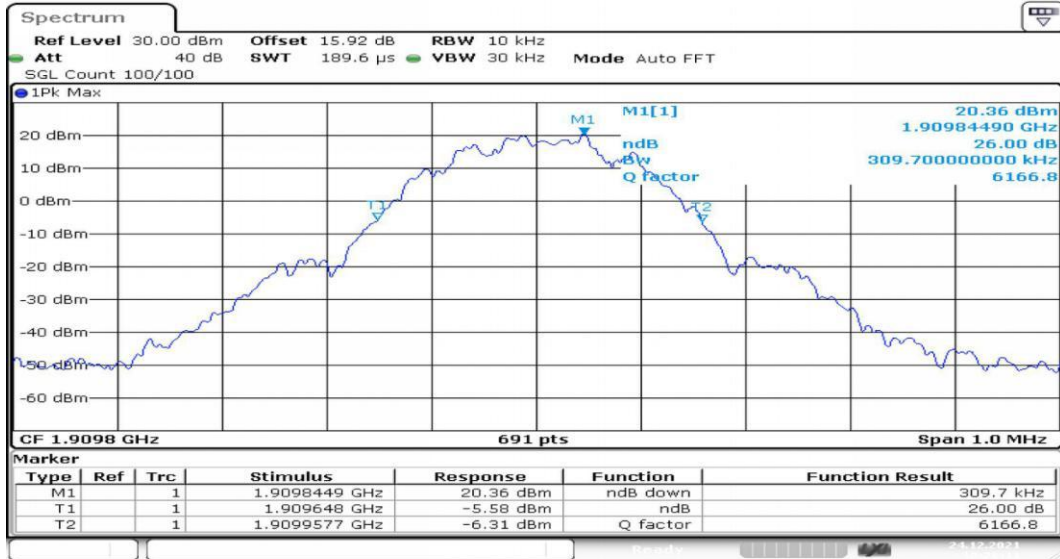
Date: 24.DEC.2021 10:24:00

Channel 512



Date: 24.DEC.2021 10:25:15

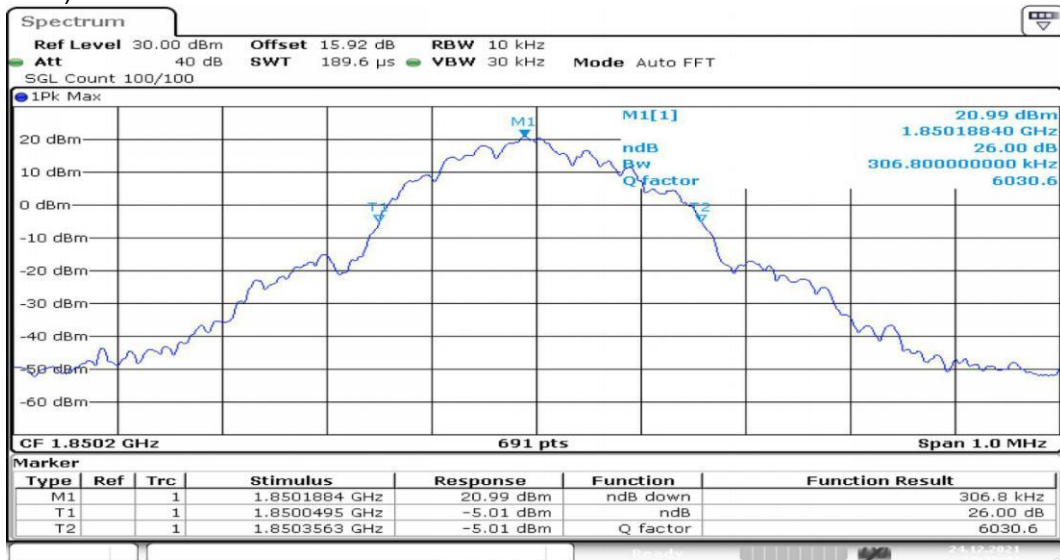
Channel 661



Date: 24.DEC.2021 10:26:11

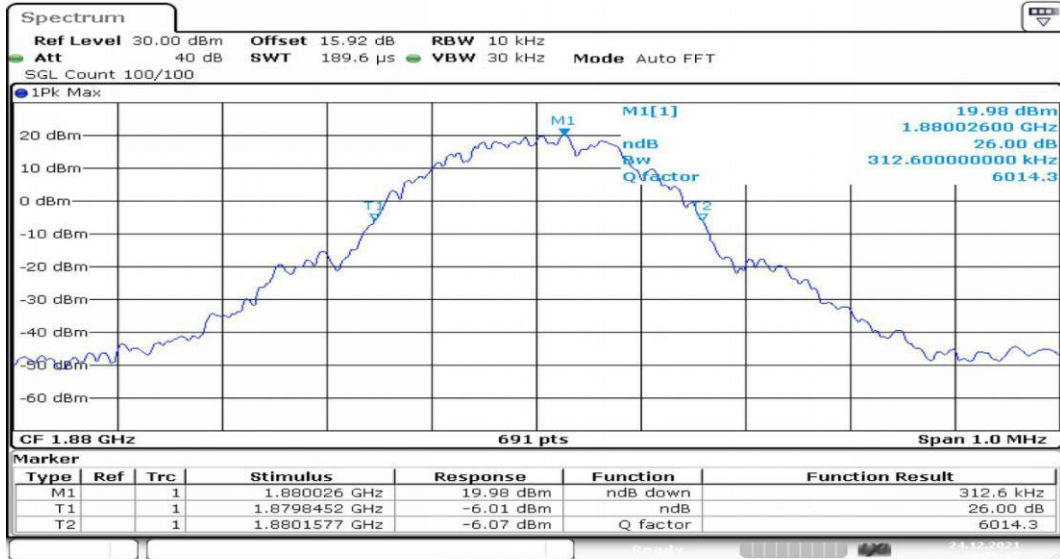
Channel 810

EGPRS (8PSK) MODE:



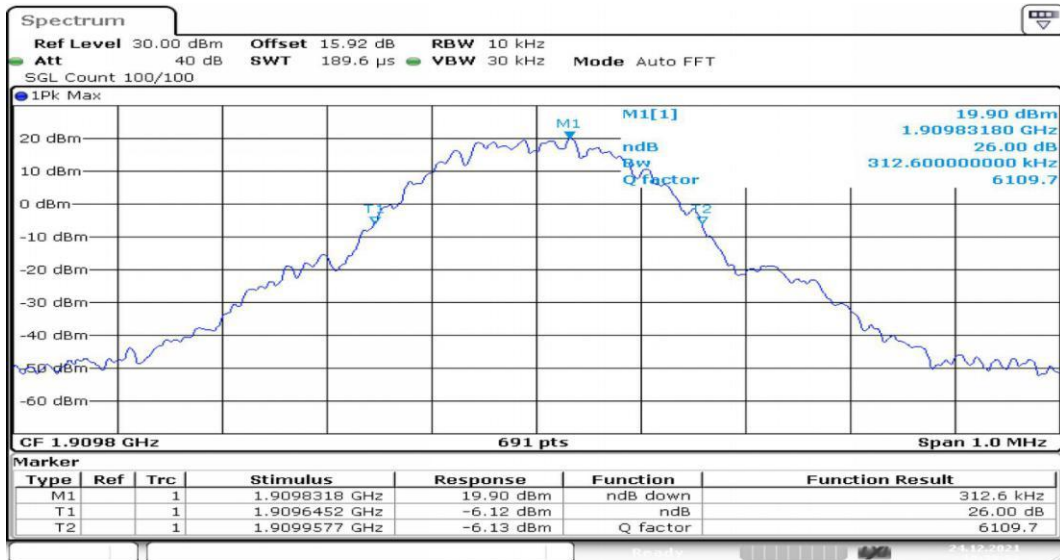
Date: 24.DEC.2021 10:28:41

Channel 512



Date: 24.DEC.2021 10:29:55

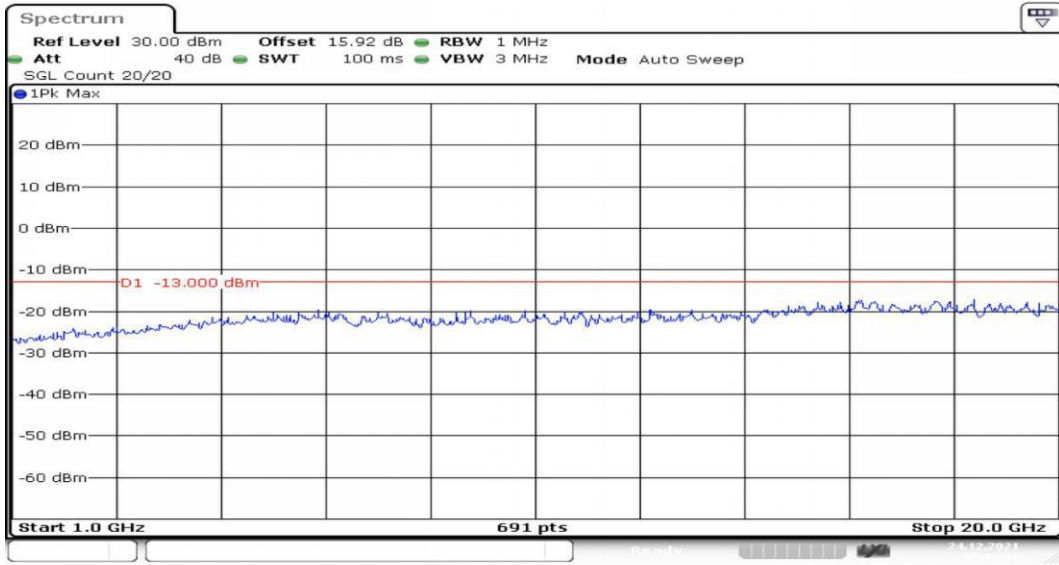
Channel 661



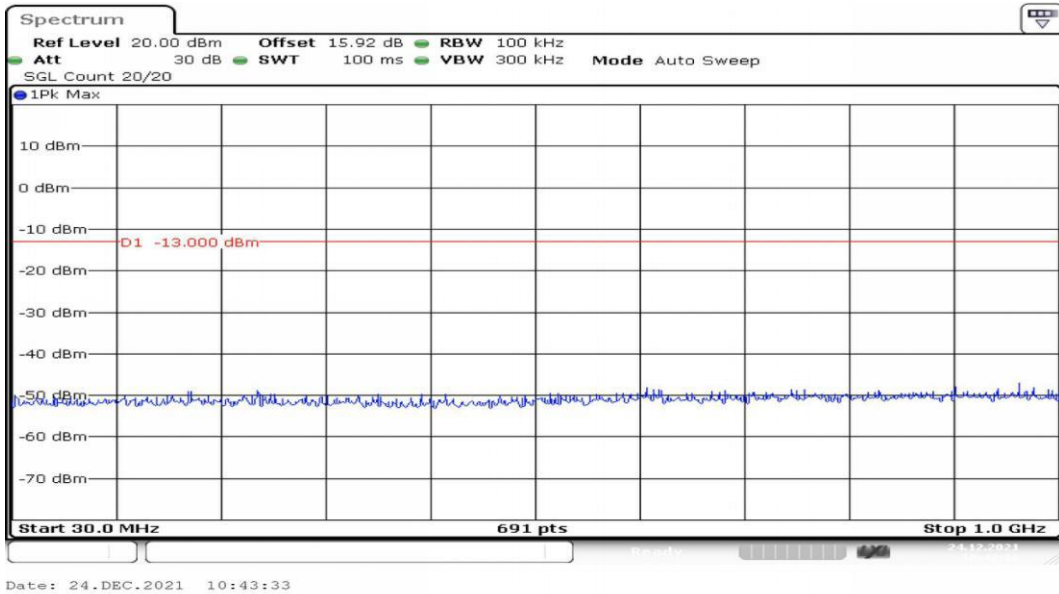
Date: 24.DEC.2021 10:30:52

Channel 810

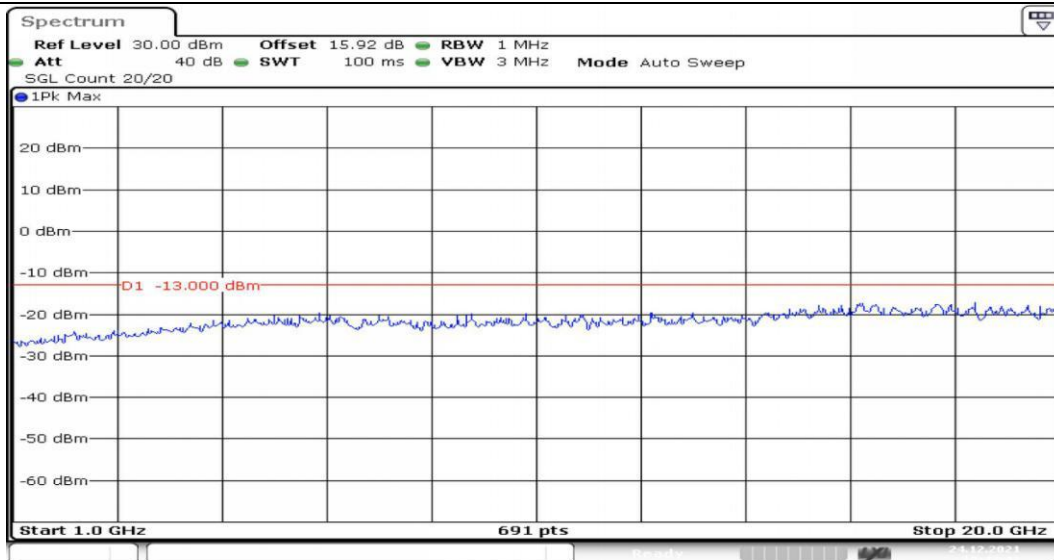
4. Spurious Emissions at antenna terminal
PCS1900
GSM MODE:



Channel 512

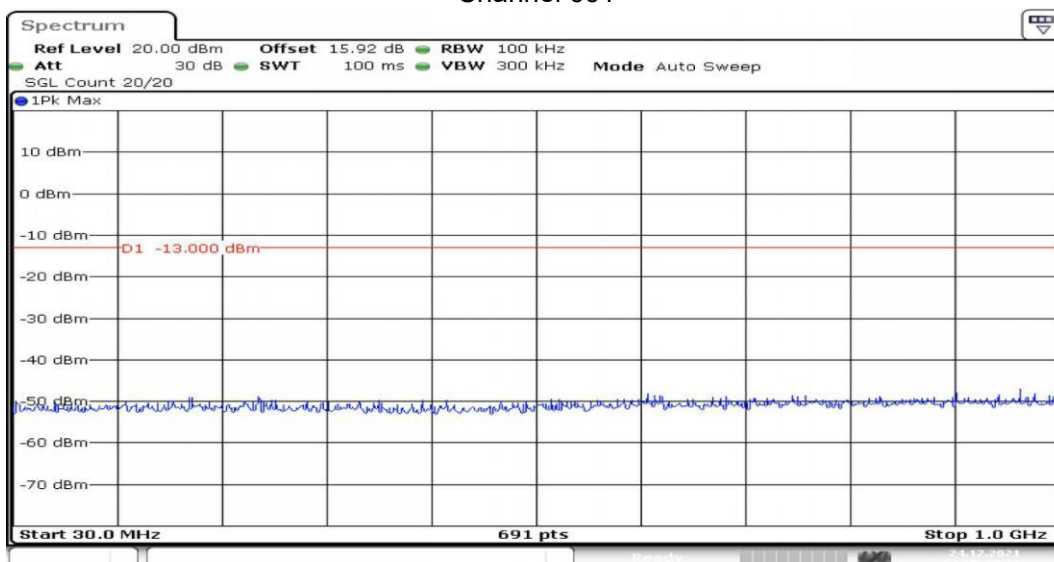


Channel 512



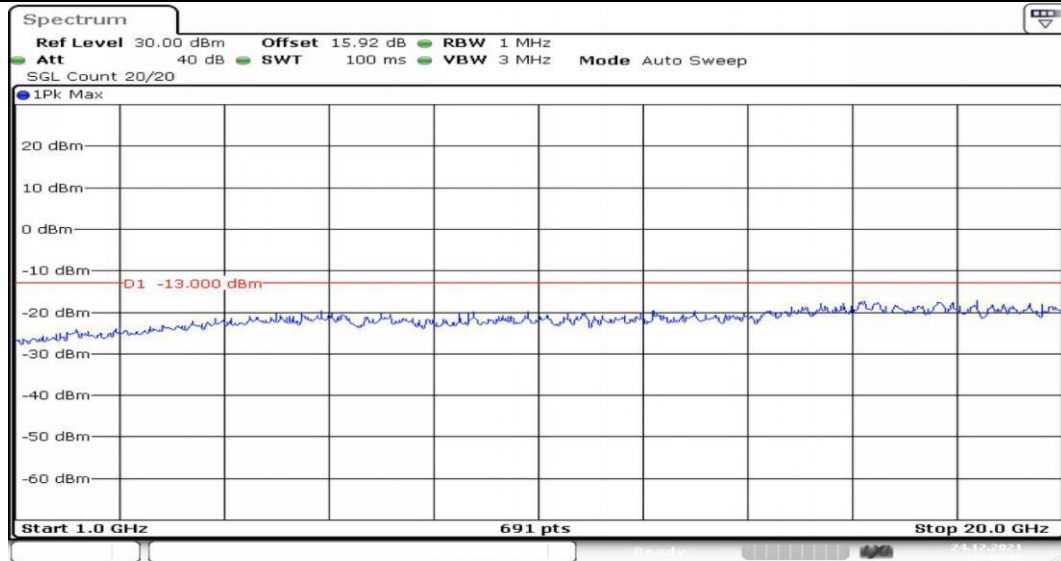
Date: 24.DEC.2021 10:43:42

Channel 661



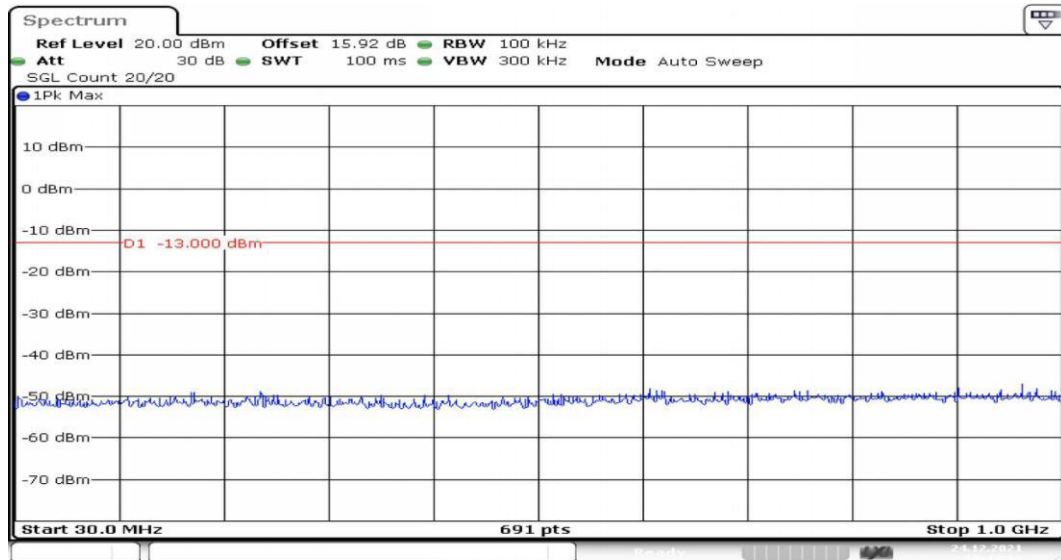
Date: 24.DEC.2021 10:43:33

Channel 661



Date: 24.DEC.2021 10:43:42

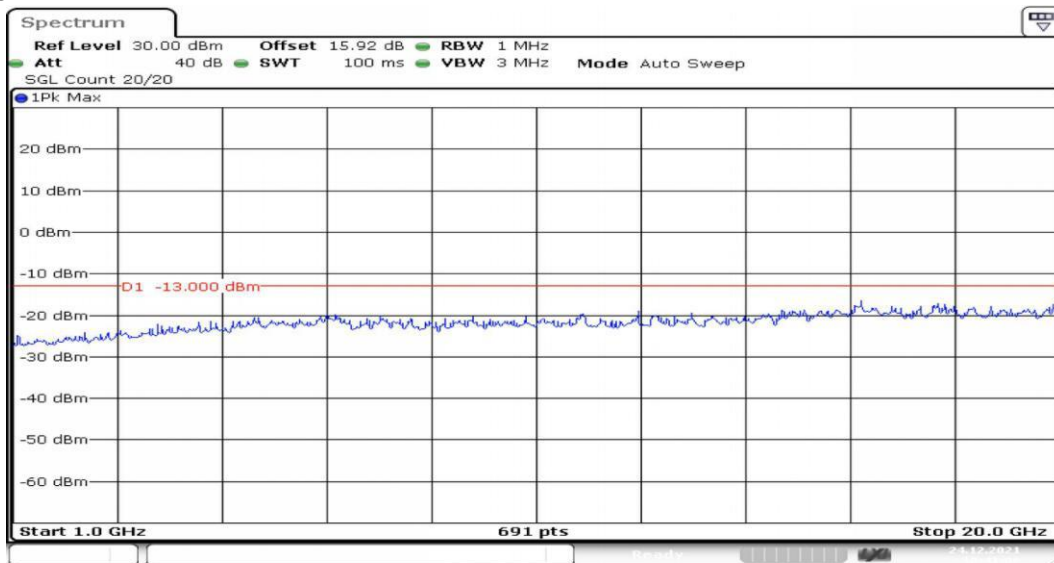
Channel 810



Date: 24.DEC.2021 10:43:33

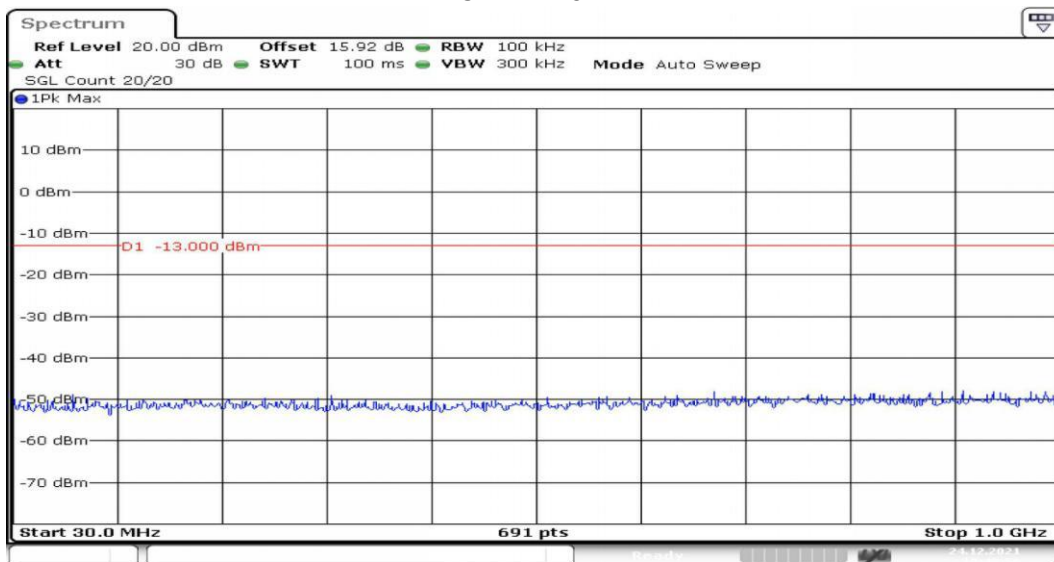
Channel 810

GPRS MODE:



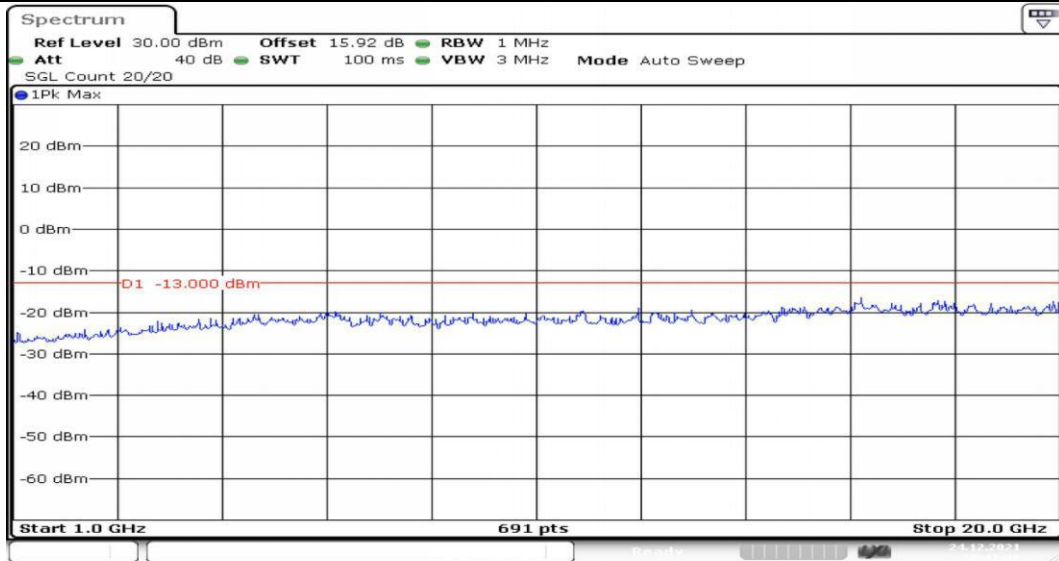
Date: 24.DEC.2021 10:41:00

Channel 512



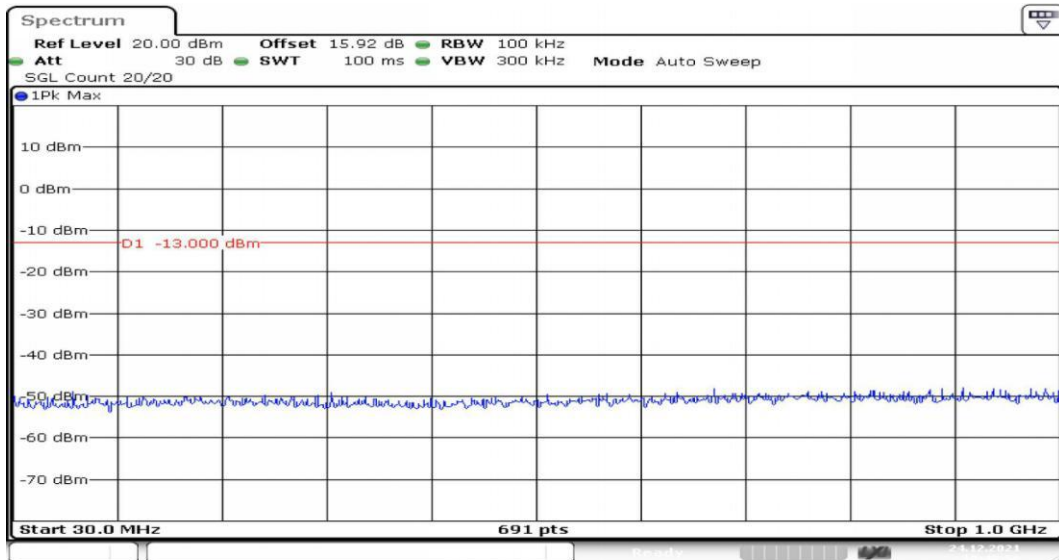
Date: 24.DEC.2021 10:40:50

Channel 512



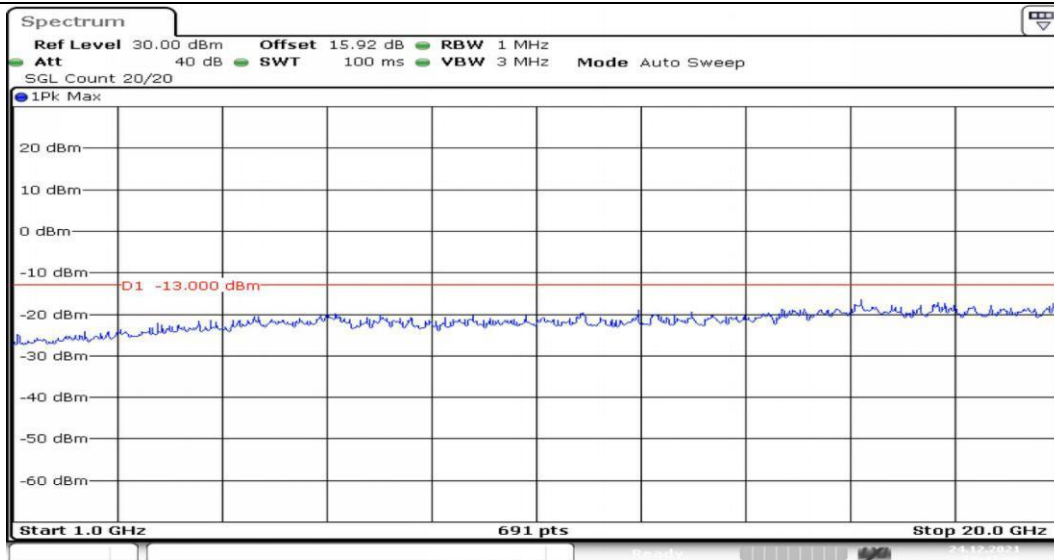
Date: 24.DEC.2021 10:41:00

Channel 661



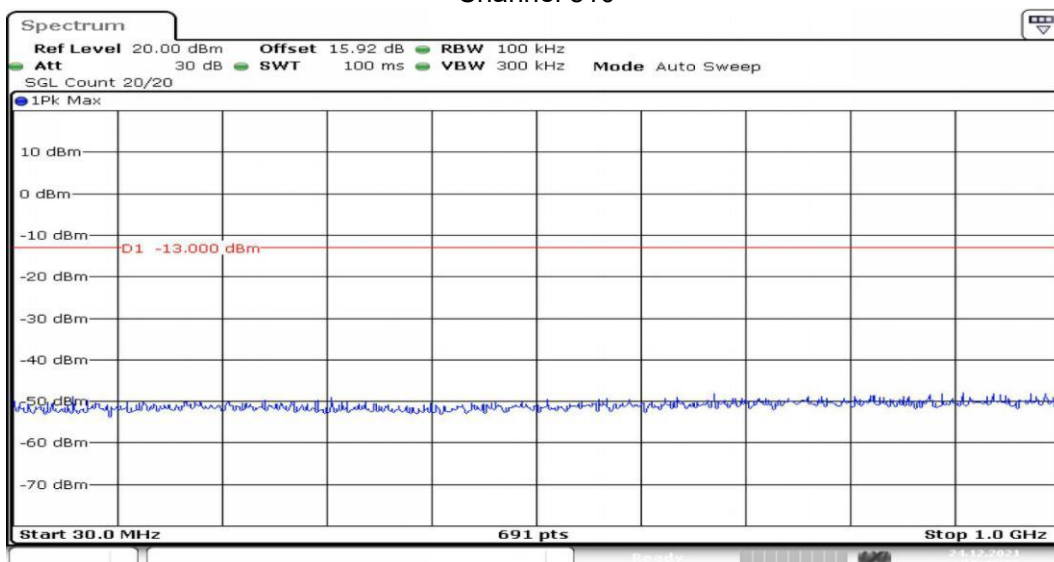
Date: 24.DEC.2021 10:40:50

Channel 661



Date: 24.DEC.2021 10:41:00

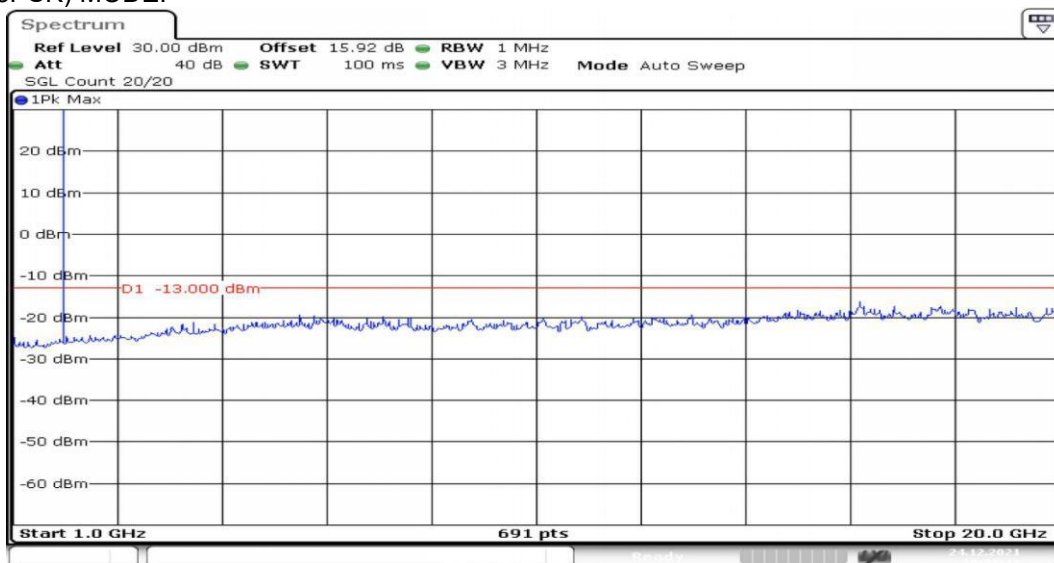
Channel 810



Date: 24.DEC.2021 10:40:50

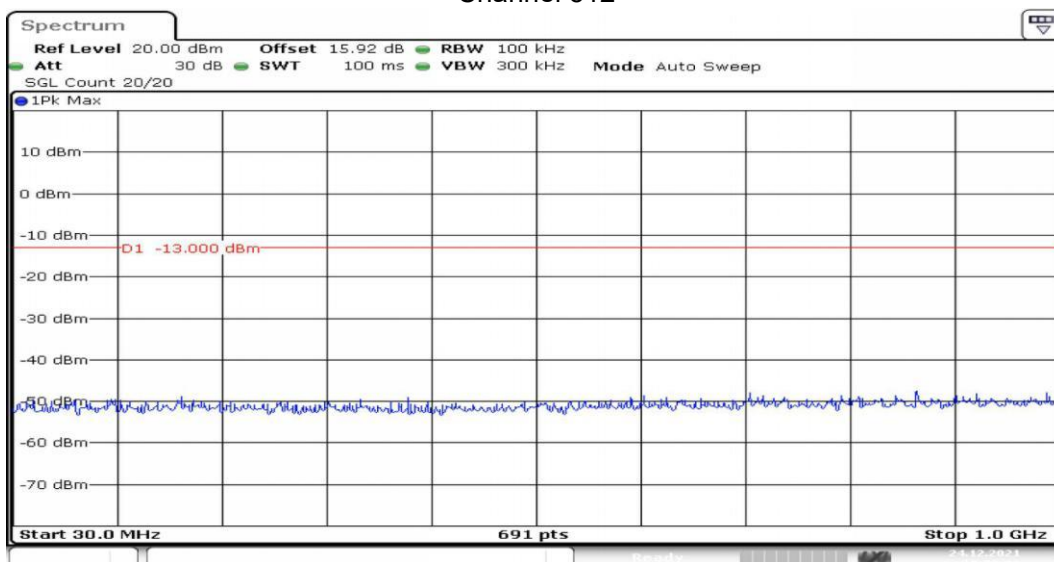
Channel 810

EGPRS (8PSK) MODE:



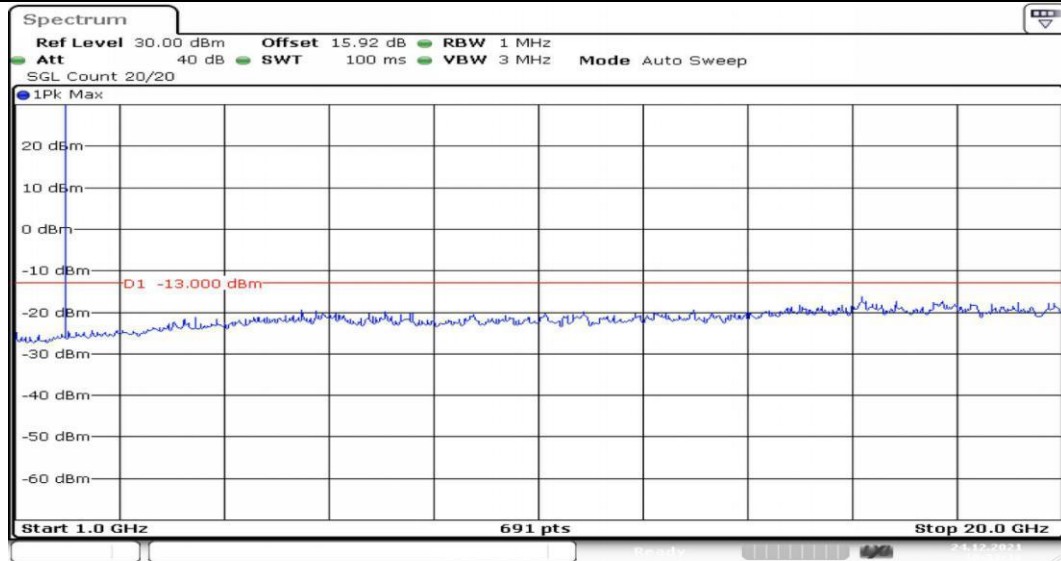
Date: 24.DEC.2021 10:31:18

Channel 512



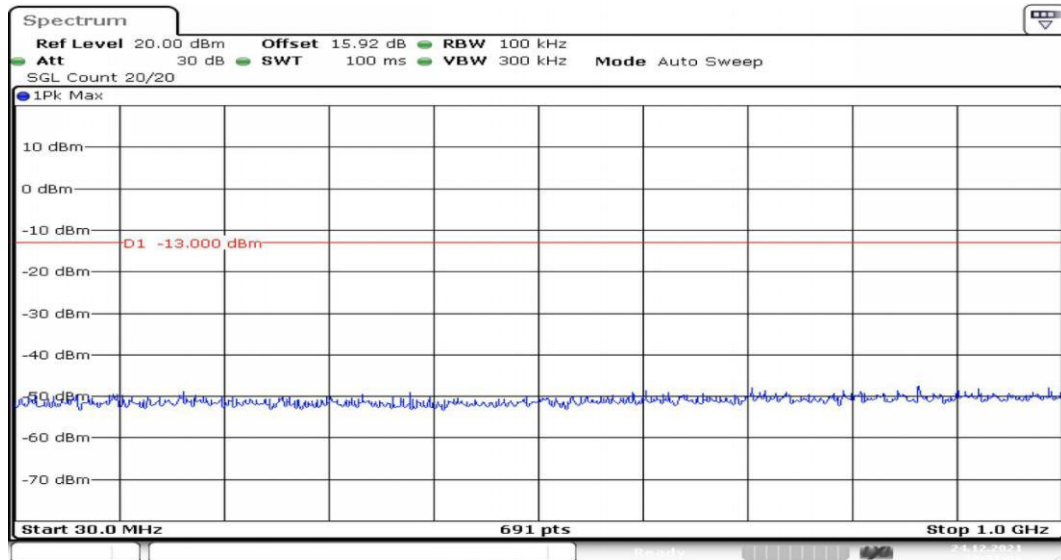
Date: 24.DEC.2021 10:31:08

Channel 512



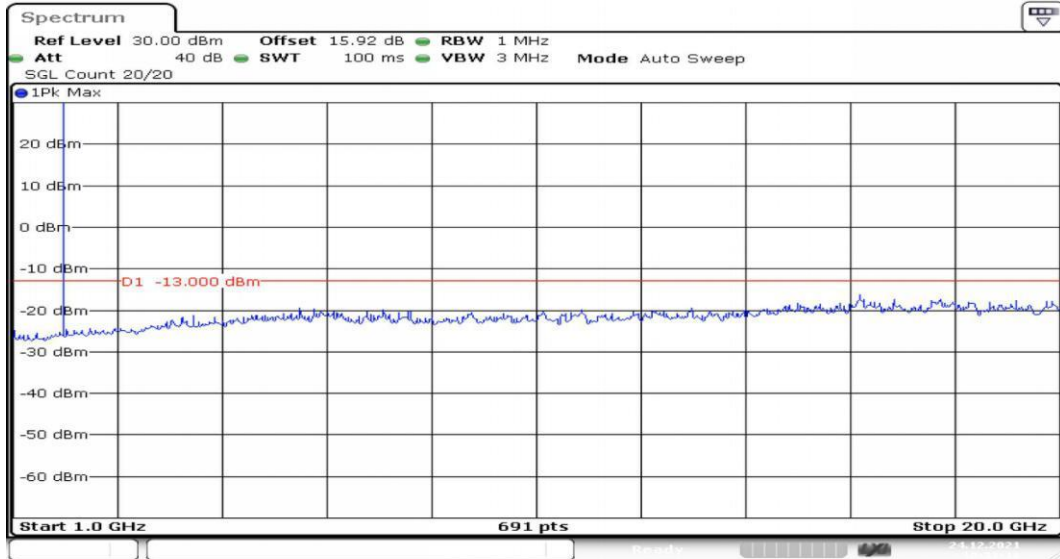
Date: 24.DEC.2021 10:31:18

Channel 661



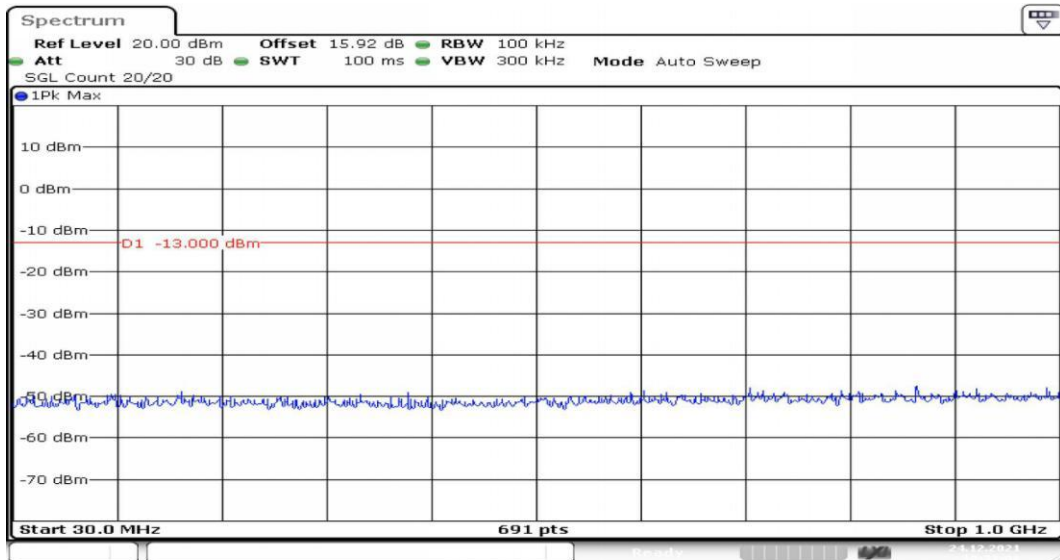
Date: 24.DEC.2021 10:31:08

Channel 661



Date: 24.DEC.2021 10:31:18

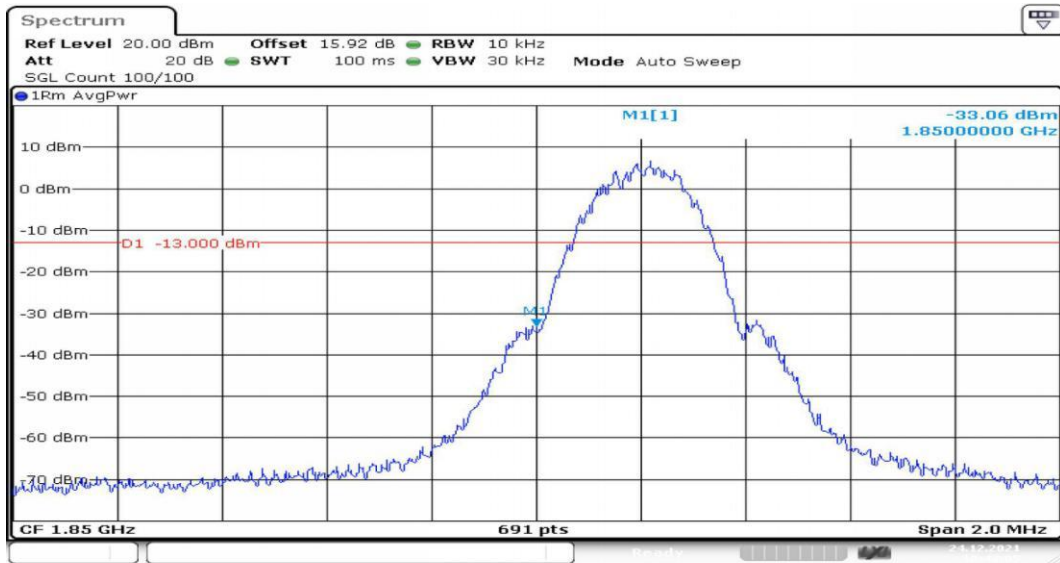
Channel 810



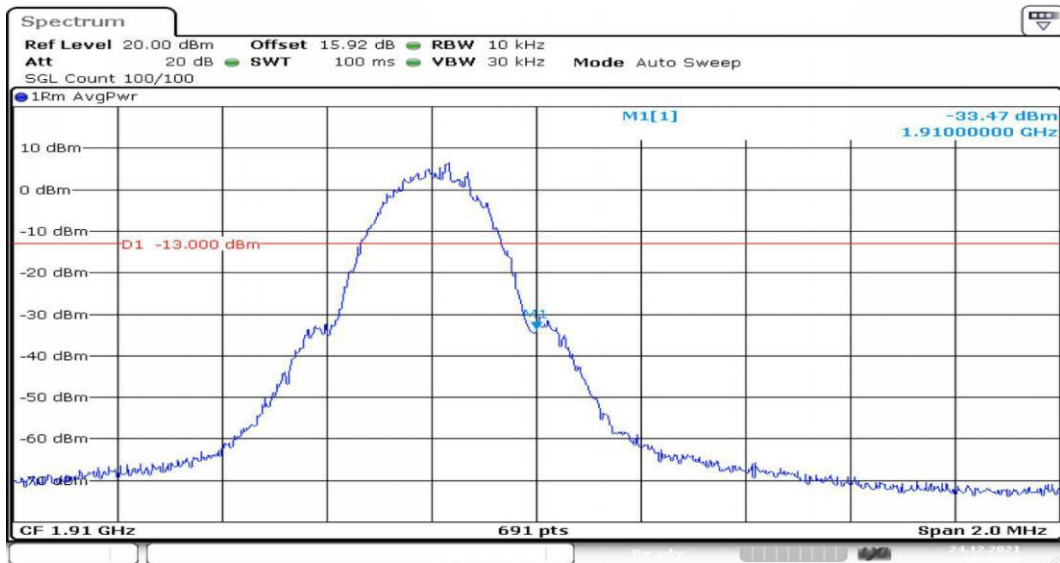
Date: 24.DEC.2021 10:31:08

Channel 810

5. Band Edges Compliance
PCS1900
GSM MODE:

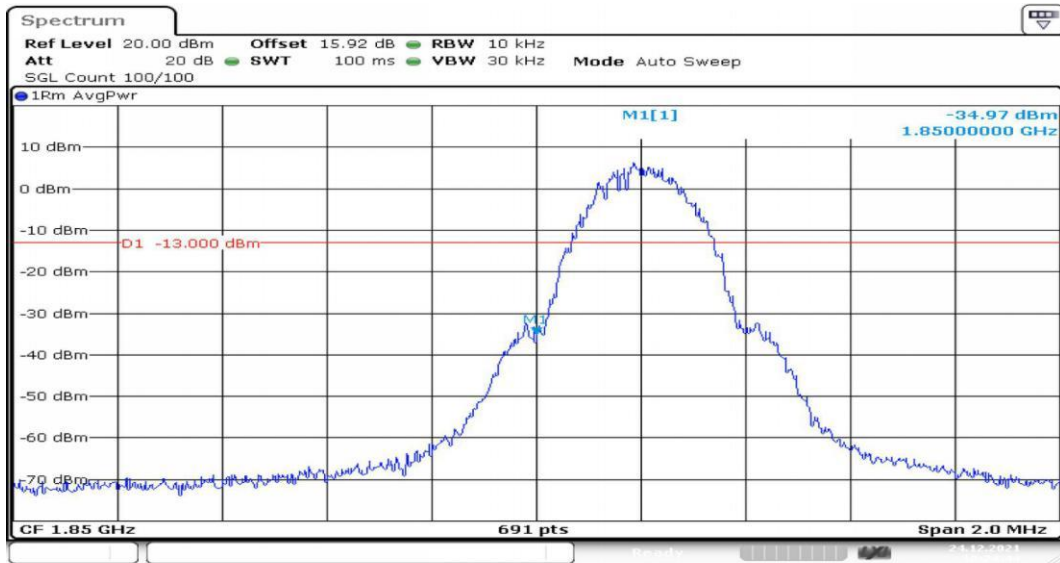


Channel 512

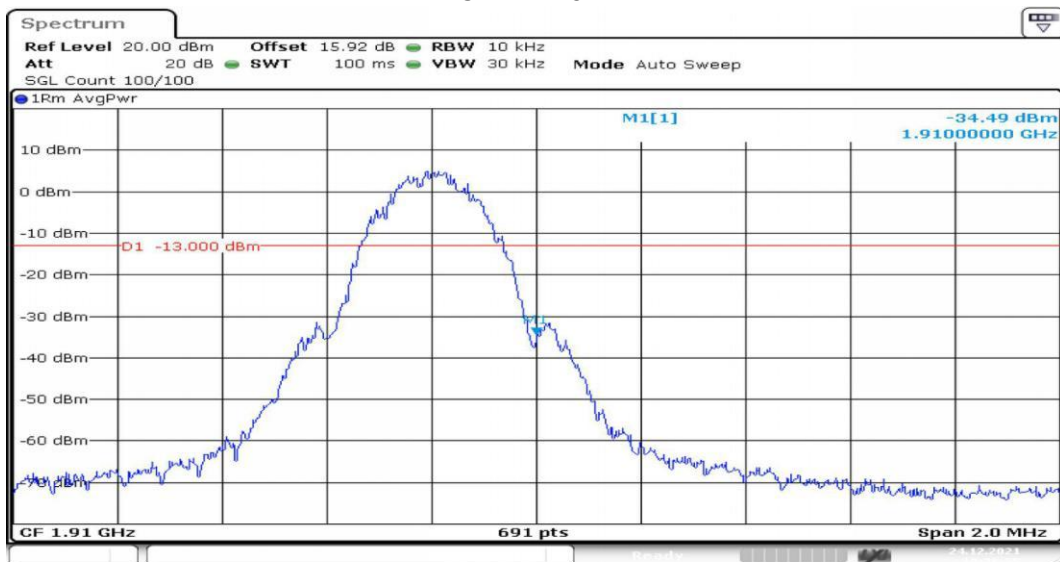


Channel 810

GPRS MODE:

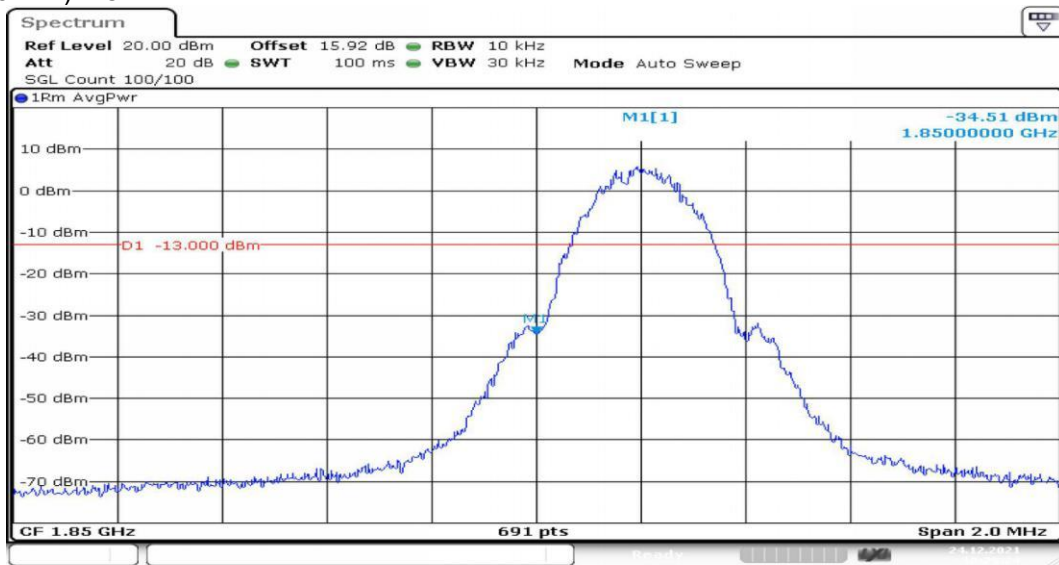


Channel 512



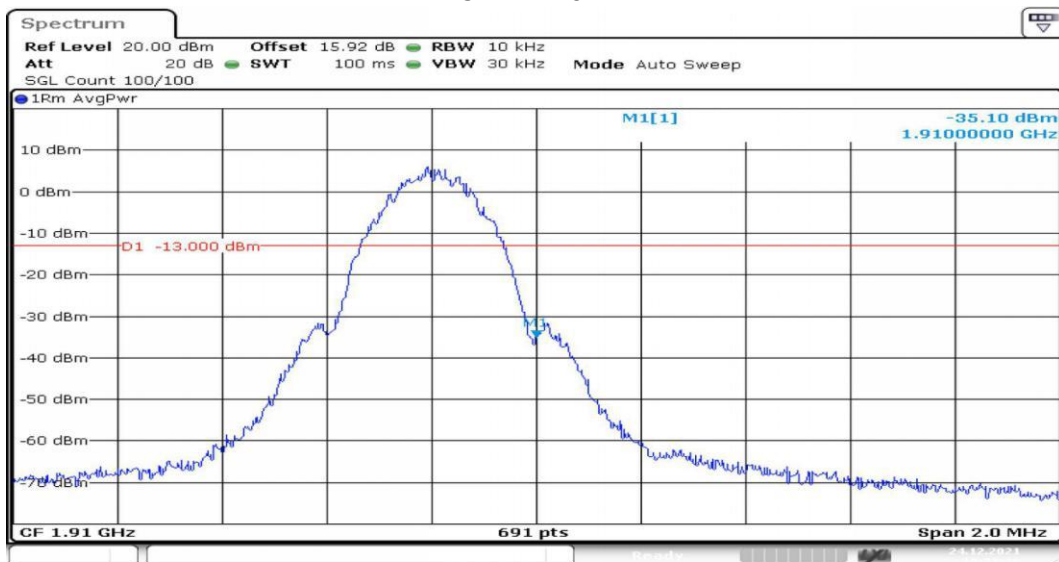
Channel 810

EGPRS (8PSK) MODE:



Date: 24.DEC.2021 10:29:24

Channel 512



Date: 24.DEC.2021 10:31:36

Channel 810

6. Frequency Stability

PCS1900

GSM MODE:

Temperature(°C)	Test Result (ppm)@NV		
	Channel 512	Channel 661	Channel 810
-10	0.005	0.001	0.002
0	-0.003	-0.001	-0.001
+10	0.000	-0.002	-0.003
+30	-0.002	-0.005	-0.006
+40	0.001	0.005	-0.005
+55	-0.005	0.011	0.005
Voltage	Test Result (ppm)@NT		
	Channel 512	Channel 661	Channel 810
LV	-0.008	0.001	-0.006
HV	-0.002	-0.002	-0.001

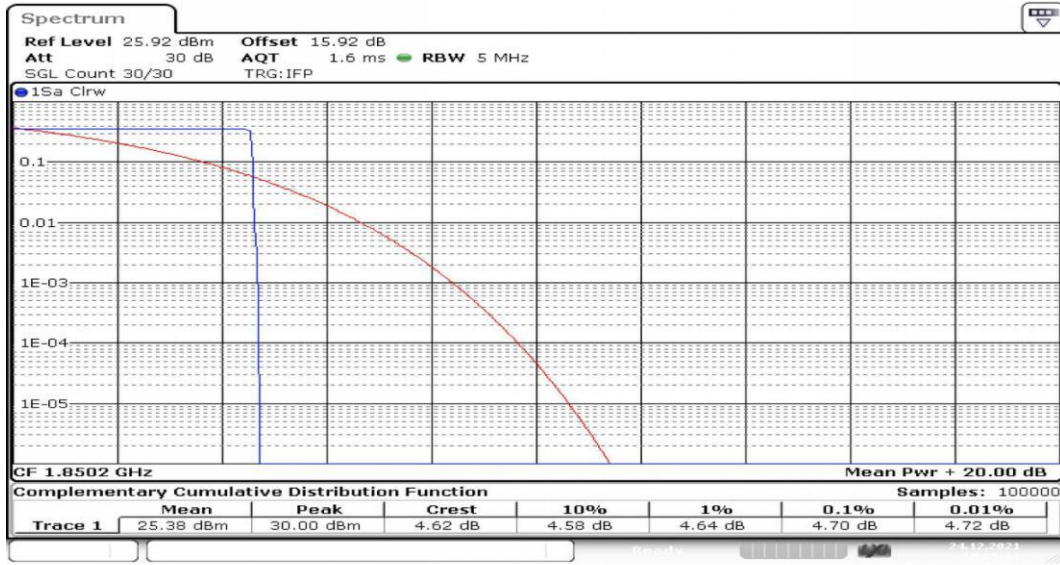
GPRS MODE:

Temperature(°C)	Test Result (ppm)@NV		
	Channel 512	Channel 661	Channel 810
-10	-0.003	0.004	0.006
0	0.002	0.006	-0.007
+10	0.004	0.019	-0.006
+30	-0.003	0.009	0.004
+40	-0.002	0.000	-0.005
+55	-0.007	-0.002	-0.001
Voltage	Test Result (ppm)@NT		
	Channel 512	Channel 661	Channel 810
LV	-0.006	0.008	-0.006
HV	-0.006	0.007	-0.002

EGPRS (8PSK) MODE:

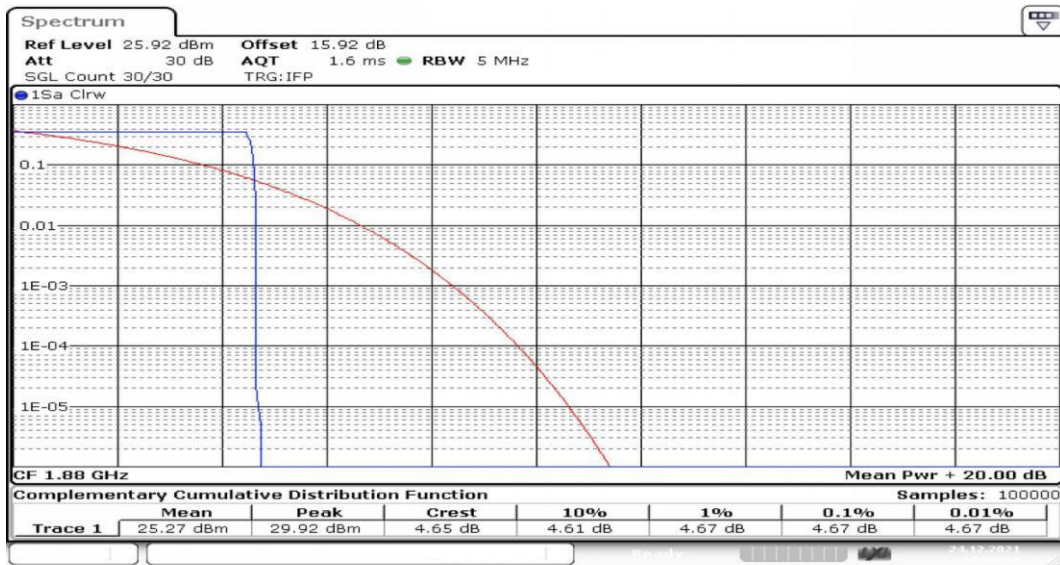
Temperature(°C)	Test Result (ppm)@NV		
	Channel 512	Channel 661	Channel 810
-10	0.007	0.002	0.003
0	0.012	-0.002	0.001
+10	0.009	-0.001	-0.001
+30	0.006	-0.001	0.000
+40	0.004	-0.002	0.002
+55	0.005	0.005	-0.001
Voltage	Test Result (ppm)@NT		
	Channel 512	Channel 661	Channel 810
LV	0.009	-0.002	0.004
HV	0.013	0.000	0.003

7. Peak-Average Ratio
PCS1900
GSM MODE:



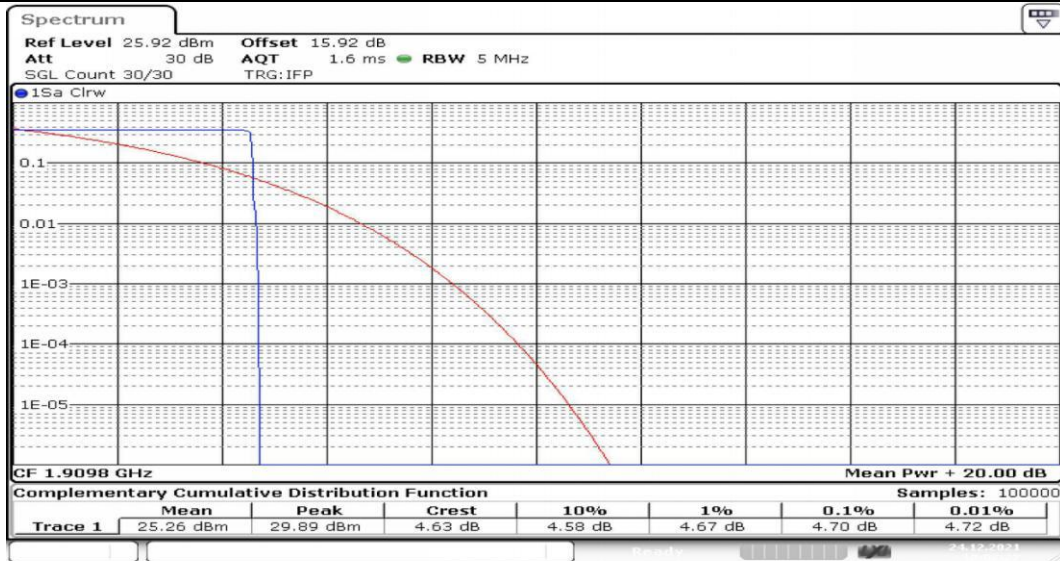
Date: 24.DEC.2021 10:05:38

Channel 512



Date: 24.DEC.2021 10:06:42

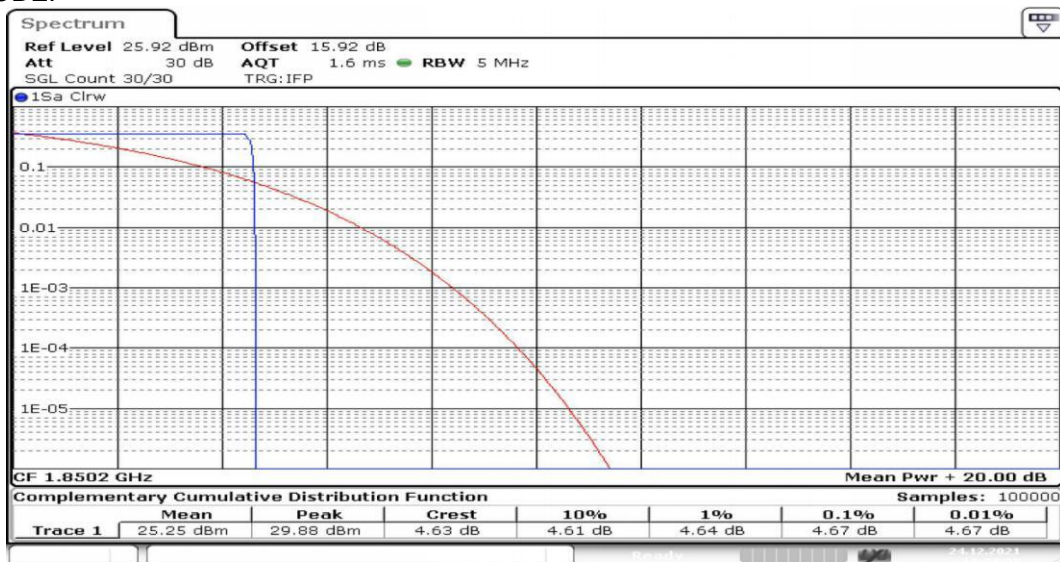
Channel 661



Date: 24.DEC.2021 10:07:27

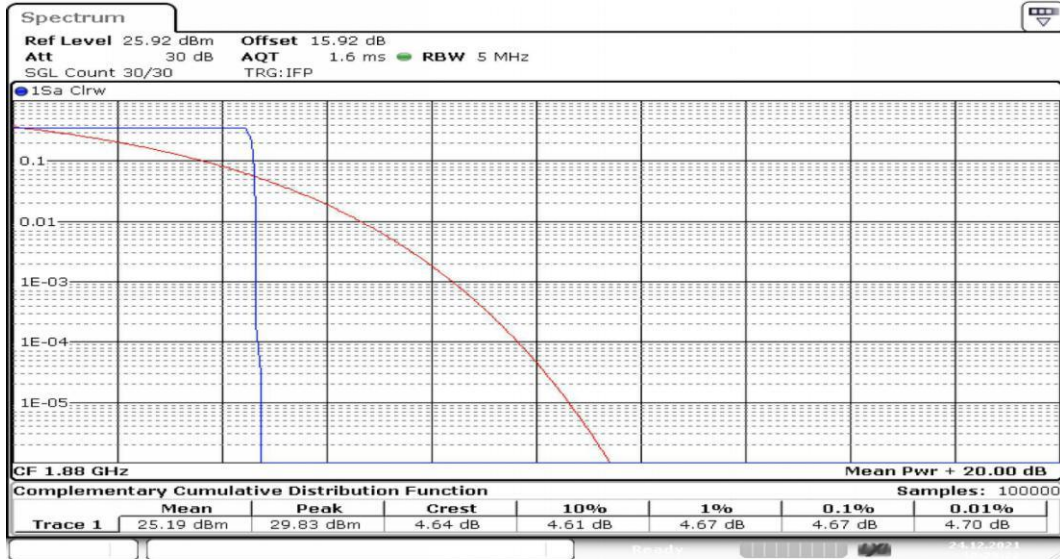
Channel 810

GPRS MODE:



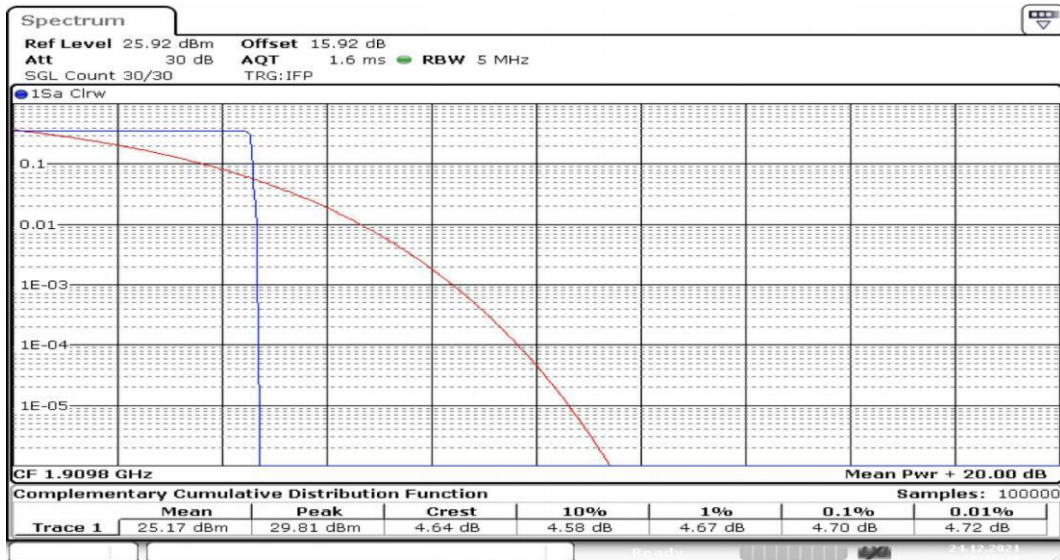
Date: 24.DEC.2021 10:24:07

Channel 512



Date: 24.DEC.2021 10:25:22

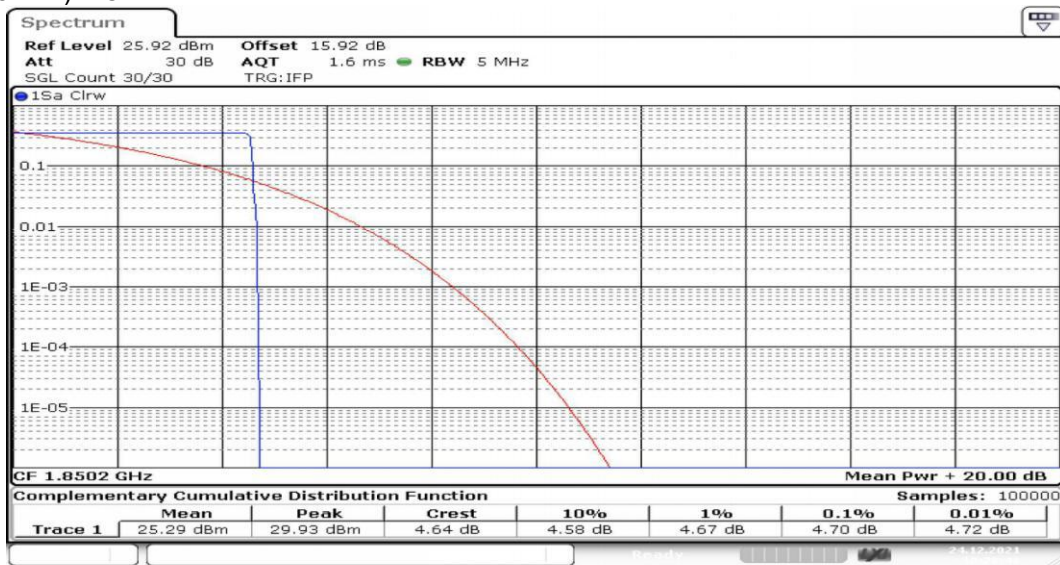
Channel 661



Date: 24.DEC.2021 10:26:18

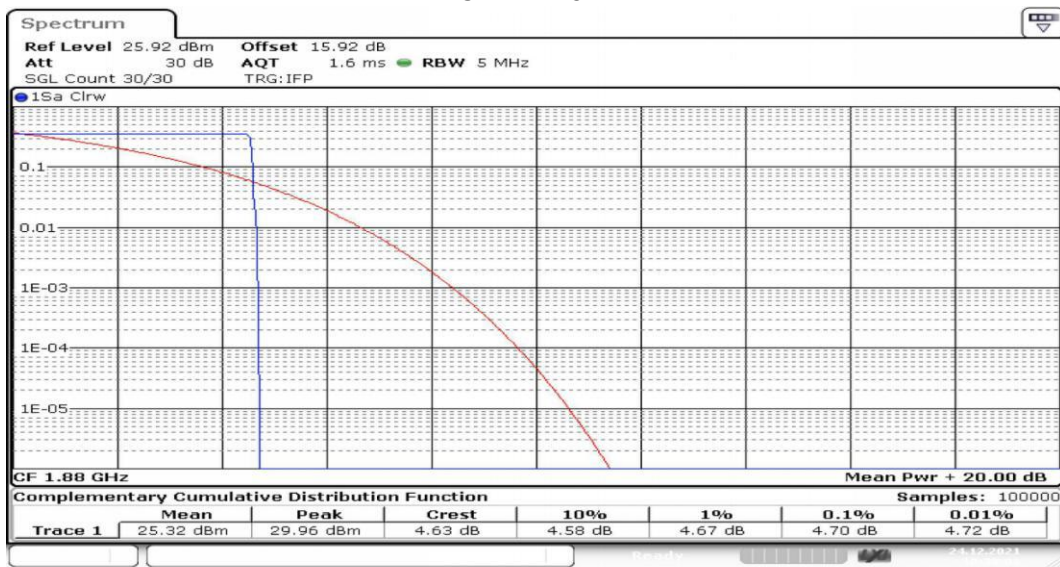
Channel 810

EGPRS (8PSK) MODE:



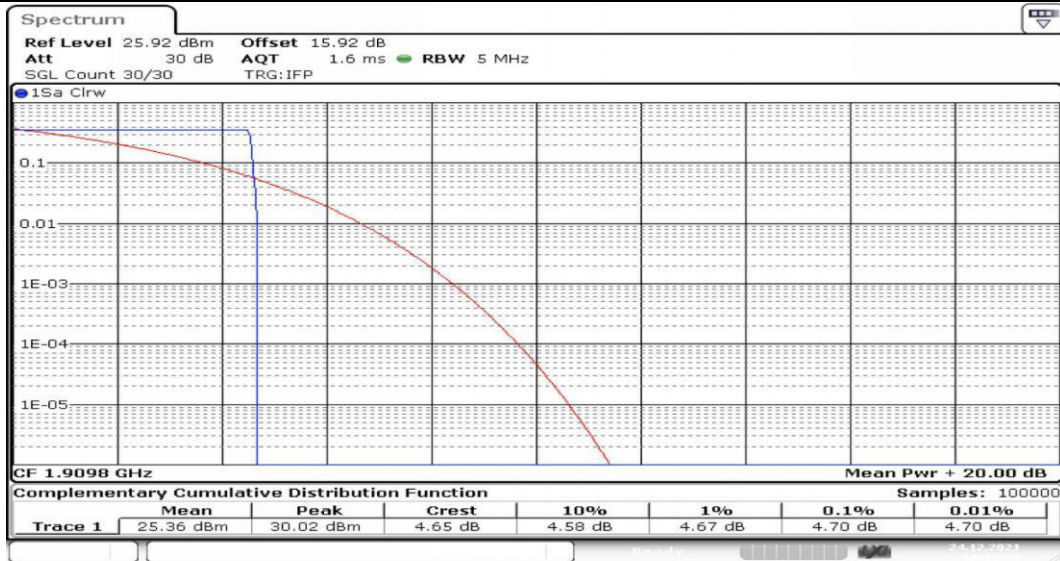
Date: 24.DEC.2021 10:28:48

Channel 512



Date: 24.DEC.2021 10:30:03

Channel 661



Date: 24.DEC.2021 10:30:59

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	28.52	27.02	0.504
1880	661	28.36	26.86	0.485
1909.8	810	28.47	26.97	0.498

GPRS Measured Power:

Carrier frequency (MHz)	Channel No.	TX Mode	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
1850.2	512	4Down1Up	28.53	27.03	0.505
1880	661		28.36	26.86	0.485
1909.8	810		28.46	26.96	0.497
1850.2	512	3Down2Up	28.43	26.93	0.493
1880	661		28.25	26.75	0.473
1909.8	810		28.34	26.84	0.483
1850.2	512	2Down3Up	28.35	26.85	0.484
1880	661		28.17	26.67	0.465
1909.8	810		28.23	26.73	0.471
1850.2	512	1Down4Up	26.46	24.96	0.313
1880	661		25.99	24.49	0.281
1909.8	810		25.92	24.42	0.277

EGPRS (8PSK) Measured Power:

Carrier frequency (MHz)	Channel No.	TX Mode	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
1850.2	512	4Down1Up	28.59	27.09	0.512
1880	661		28.52	27.02	0.504
1909.8	810		28.70	27.20	0.525
1850.2	512	3Down2Up	28.54	27.04	0.506
1880	661		28.46	26.96	0.497
1909.8	810		28.64	27.14	0.518
1850.2	512	2Down3Up	28.49	26.99	0.500
1880	661		28.40	26.90	0.490
1909.8	810		28.56	27.06	0.508
1850.2	512	1Down4Up	26.58	25.08	0.322
1880	661		26.18	24.68	0.294
1909.8	810		26.23	24.73	0.297

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
1672.875000	-62.20	-13	Vertical
2065.250000	-67.45	-13	Vertical
2509.375000	-44.22	-13	Vertical
2880.625000	-65.56	-13	Vertical
9337.195313	-56.78	-13	Vertical
12128.742188	-56.32	-13	Vertical

EDGE (8PSK) MODE Channel 189:

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
4785.468750	-60.09	-13	Vertical
5914.640625	-59.32	-13	Vertical
7310.109375	-57.74	-13	Vertical
8700.398438	-55.16	-13	Vertical
10427.671875	-55.42	-13	Vertical
11150.695313	-55.85	-13	Vertical

1900 Test result

GSM/GPRS MODE Channel 661:

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2317.312500	-48.58	-13	Vertical
2600.250000	-48.34	-13	Vertical
5640.000000	-58.64	-13	Vertical
8803.593750	-54.86	-13	Vertical
10382.812500	-55.81	-13	Vertical
14587.500000	-51.96	-13	Vertical

EDGE (8PSK) MODE Channel 661:

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
4797.656250	-60.14	-13	Vertical
5932.500000	-59.26	-13	Vertical
8653.593750	-55.41	-13	Vertical
11133.281250	-56.40	-13	Vertical
14591.250000	-52.17	-13	Vertical
17310.000000	-43.79	-13	Vertical

---End of Test Report---