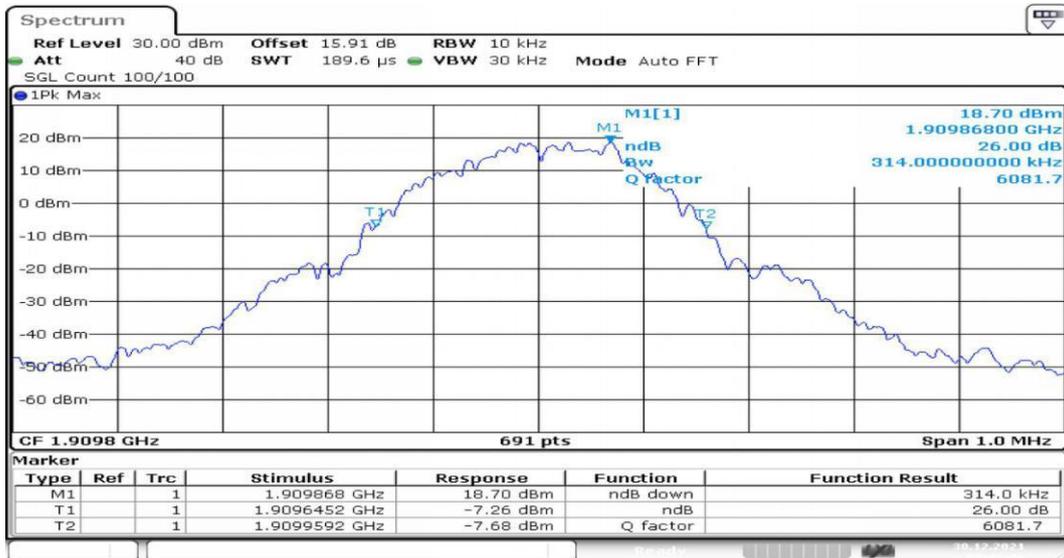


Date: 30.DEC.2021 09:46:58

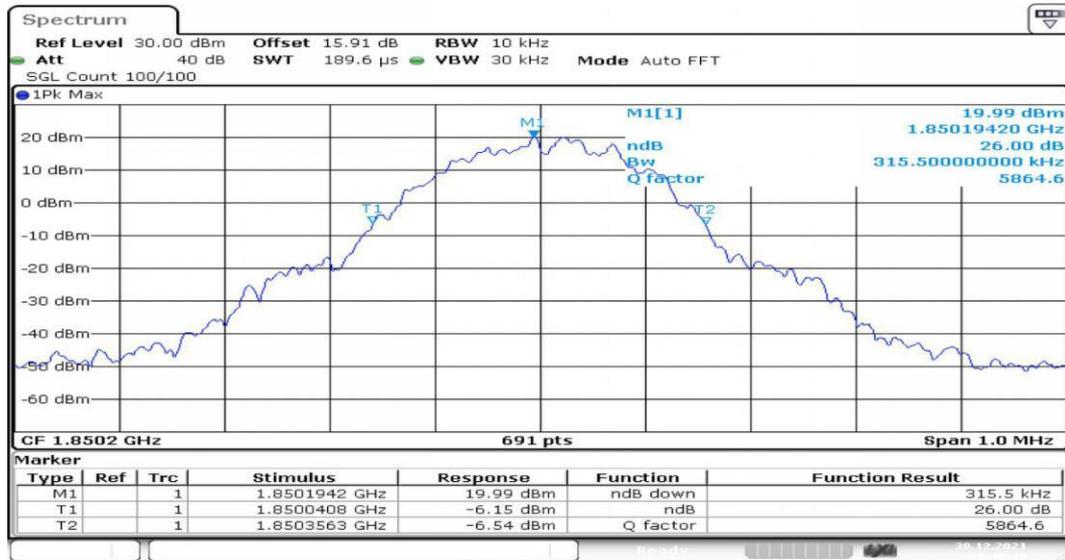
Channel 661



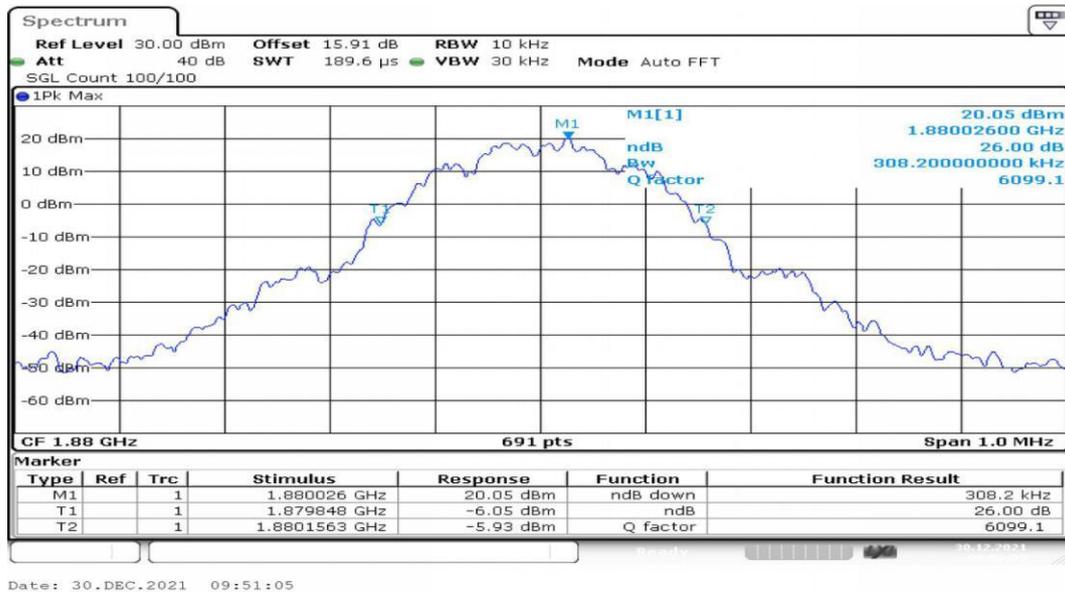
Date: 30.DEC.2021 09:47:44

Channel 810

GPRS MODE:



Channel 512



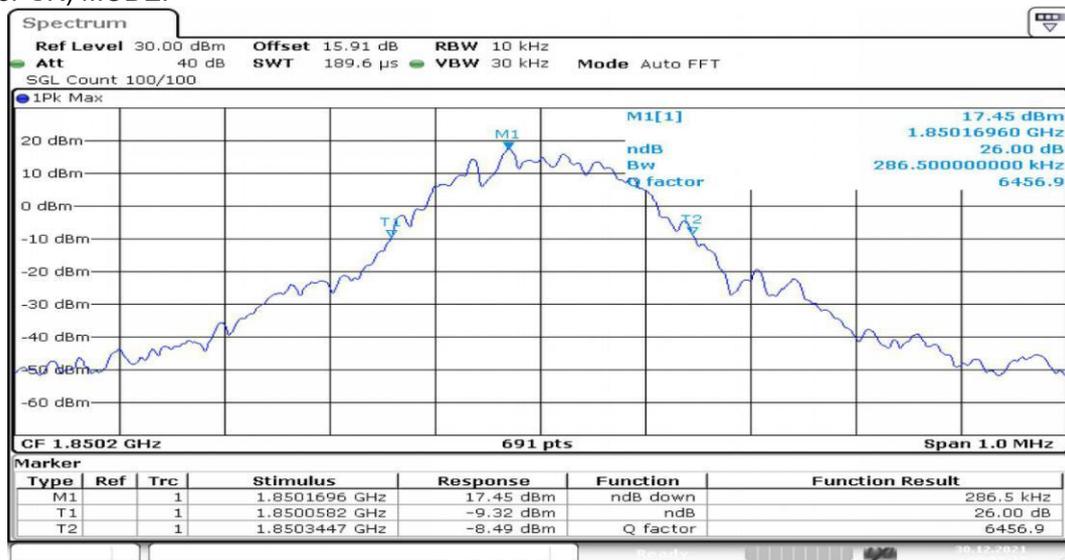
Channel 661



Date: 30.DEC.2021 09:52:02

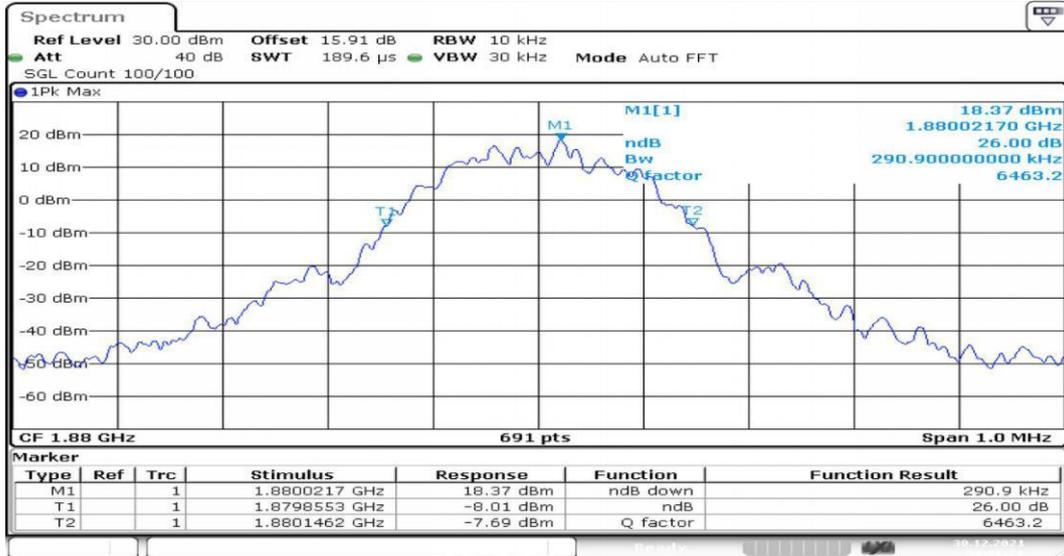
Channel 810

EGPRS (8PSK) MODE:



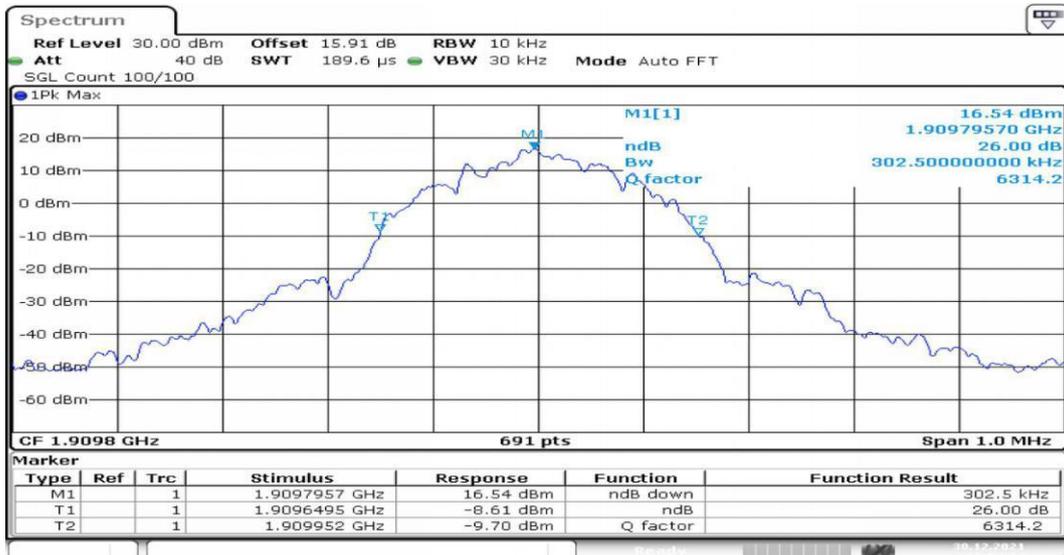
Date: 30.DEC.2021 09:55:13

Channel 512



Date: 30.DEC.2021 09:56:29

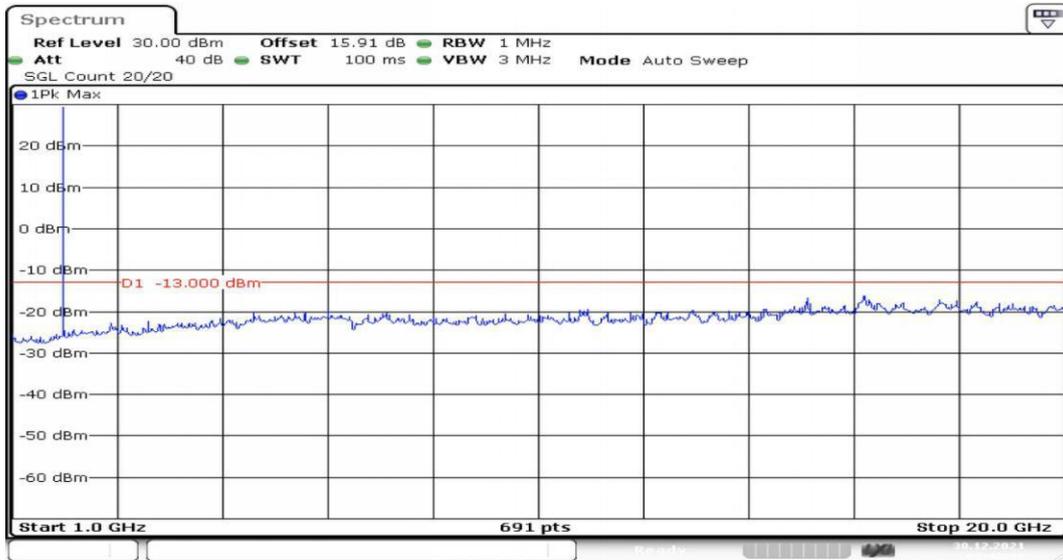
Channel 661



Date: 30.DEC.2021 09:57:25

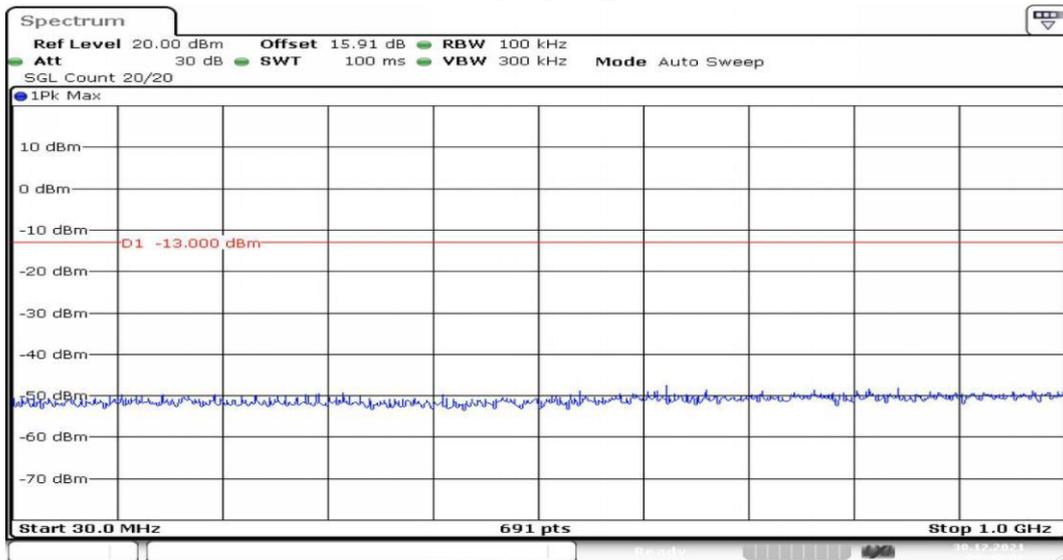
Channel 810

4. Spurious Emissions at antenna terminal
PCS1900
GSM MODE:



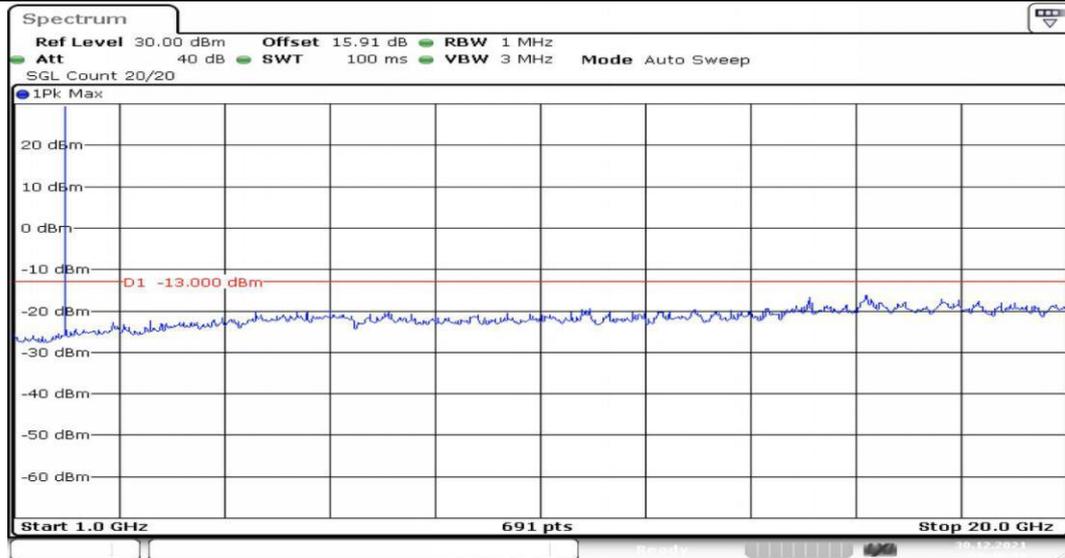
Date: 30.DEC.2021 09:48:10

Channel 512

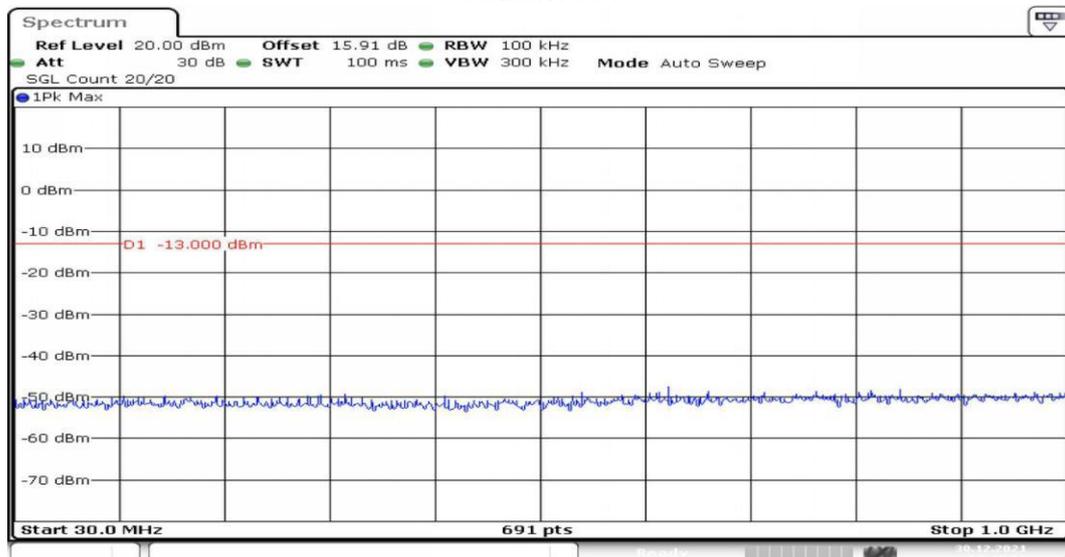


Date: 30.DEC.2021 09:48:00

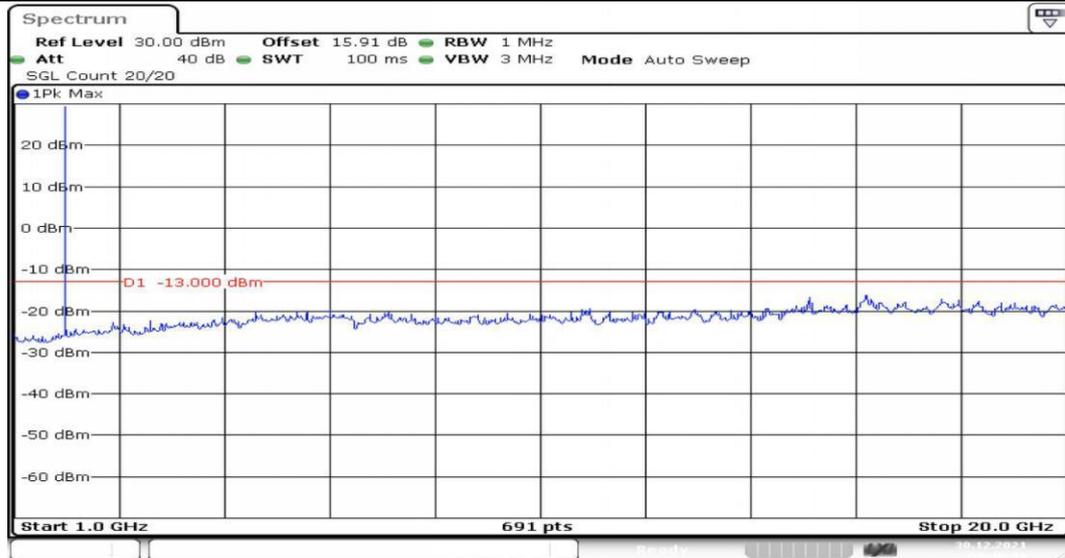
Channel 512



Channel 661

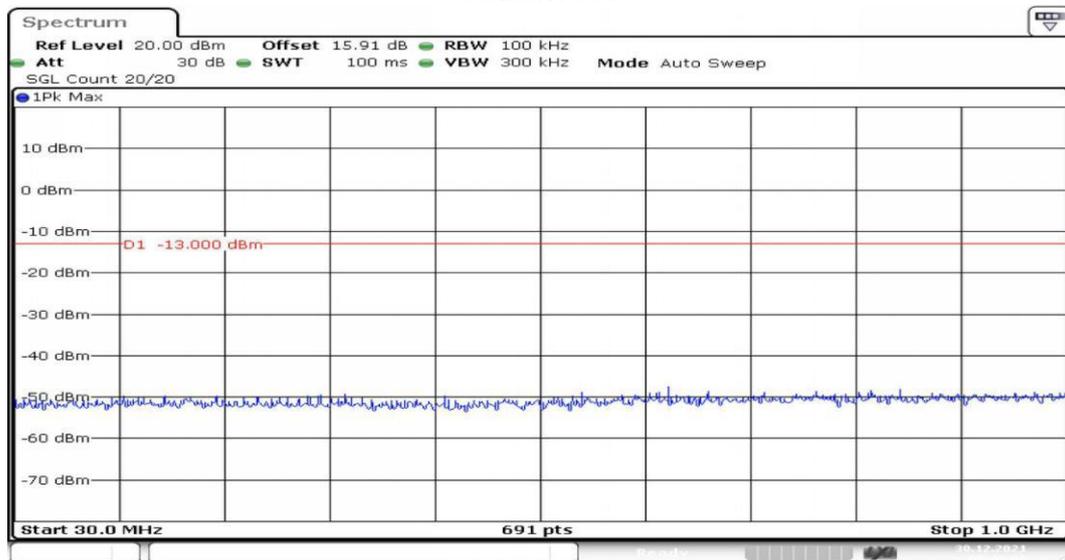


Channel 661



Date: 30.DEC.2021 09:48:10

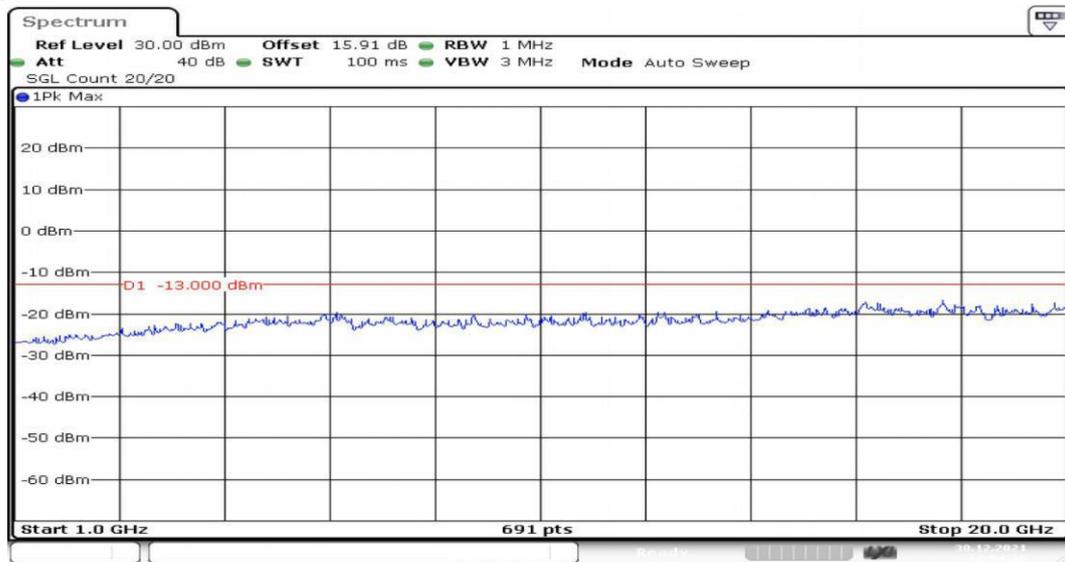
Channel 810



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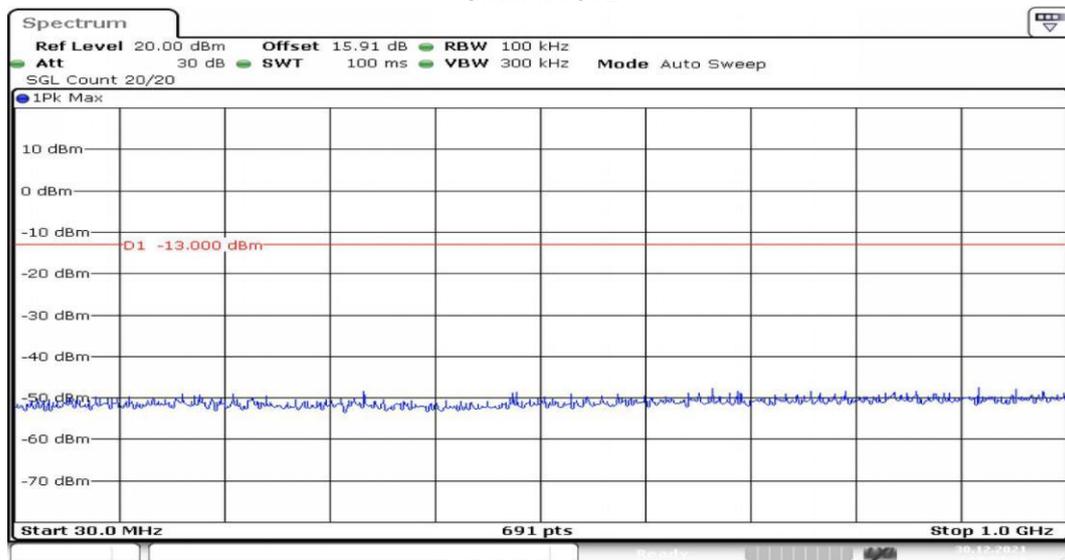
Channel 810

GPRS MODE:



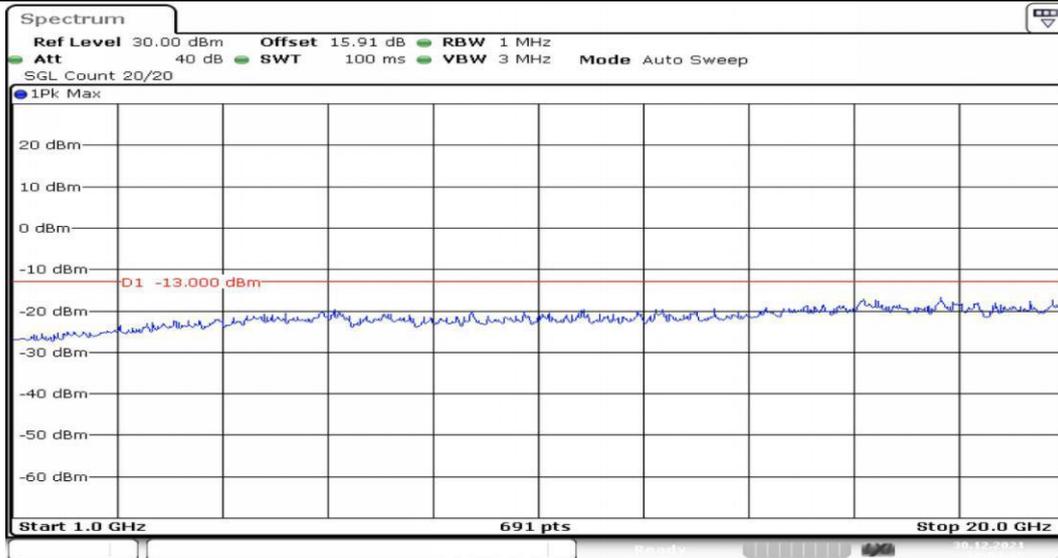
Date: 30.DEC.2021 10:04:36

Channel 512



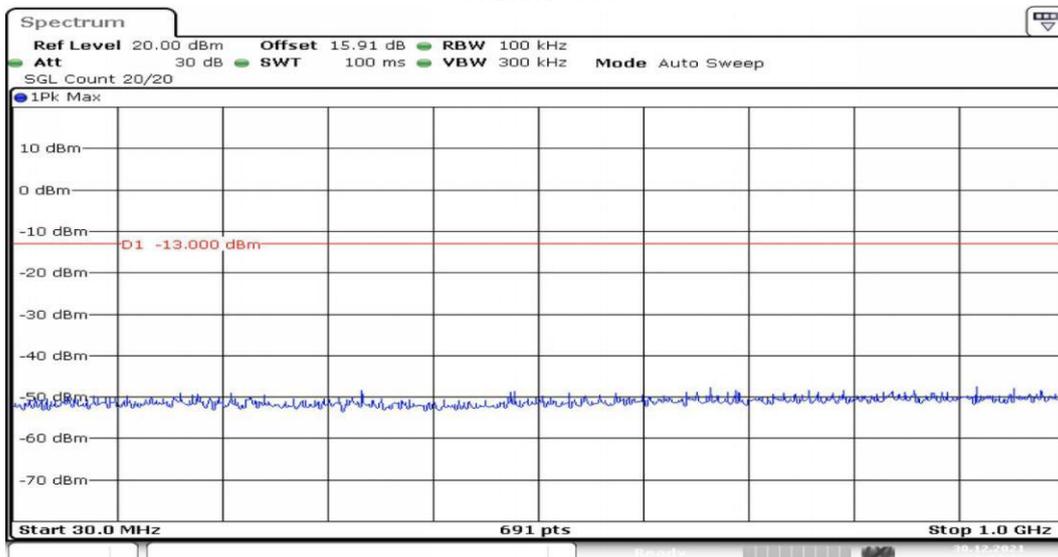
Date: 30.DEC.2021 10:04:27

Channel 512



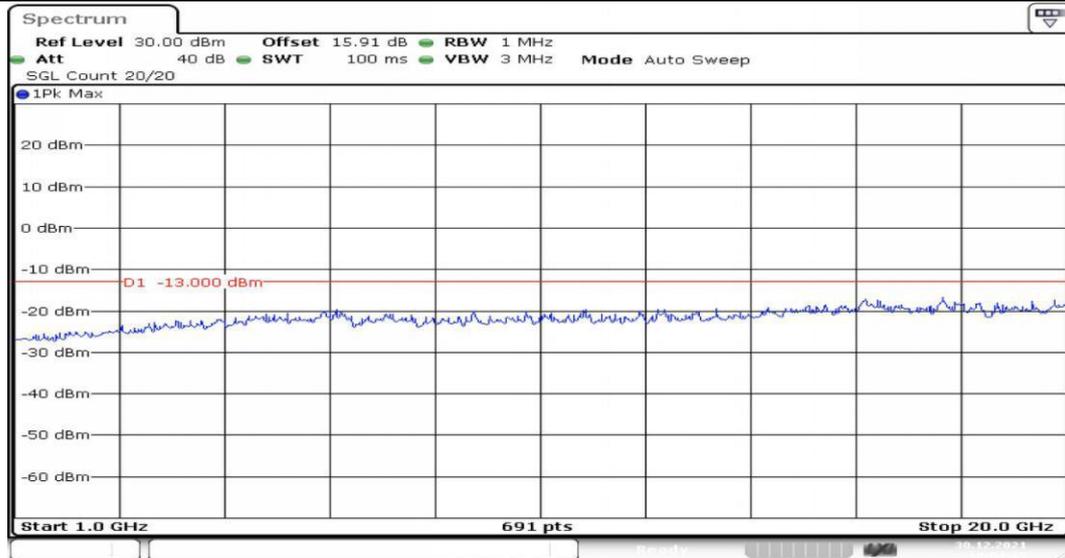
Date: 30.DEC.2021 10:04:36

Channel 661



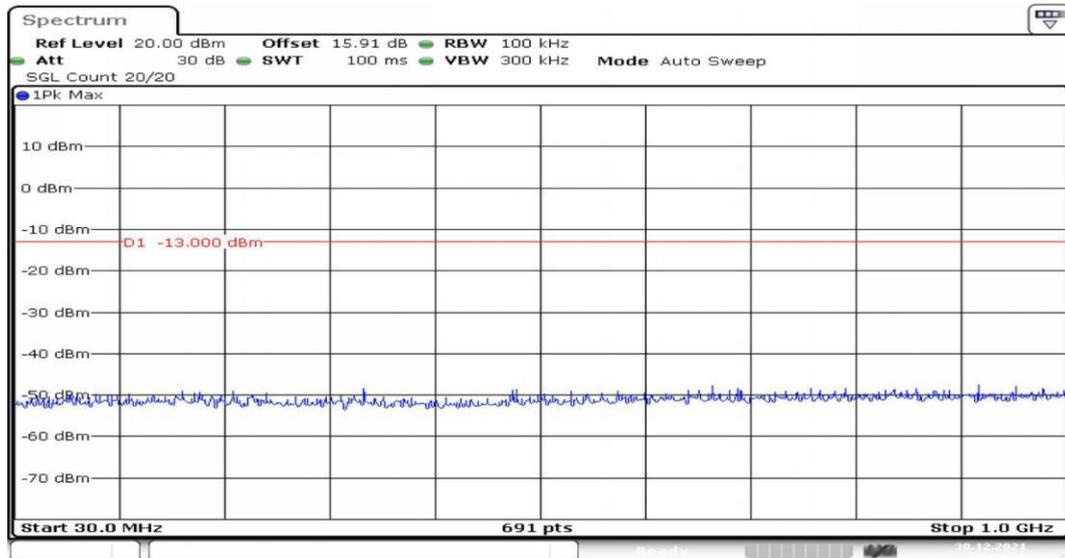
Date: 30.DEC.2021 10:04:27

Channel 661



Date: 30.DEC.2021 10:04:36

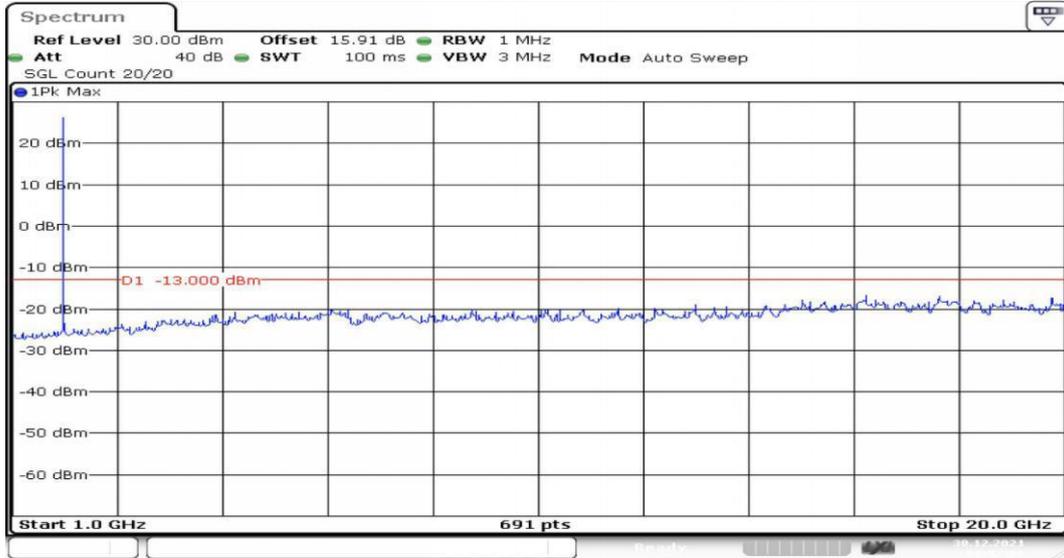
Channel 810



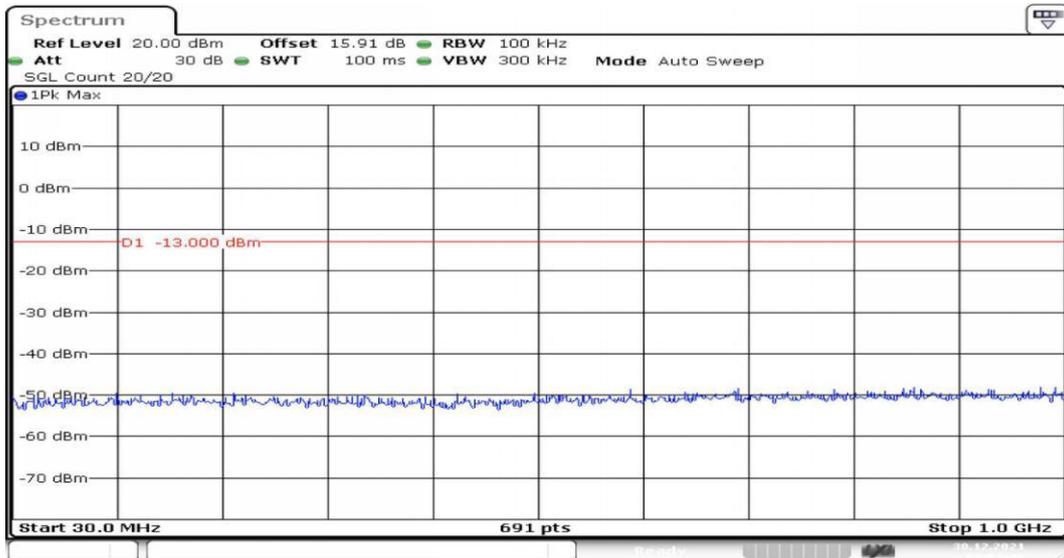
Date: 30.DEC.2021 10:04:27

Channel 810

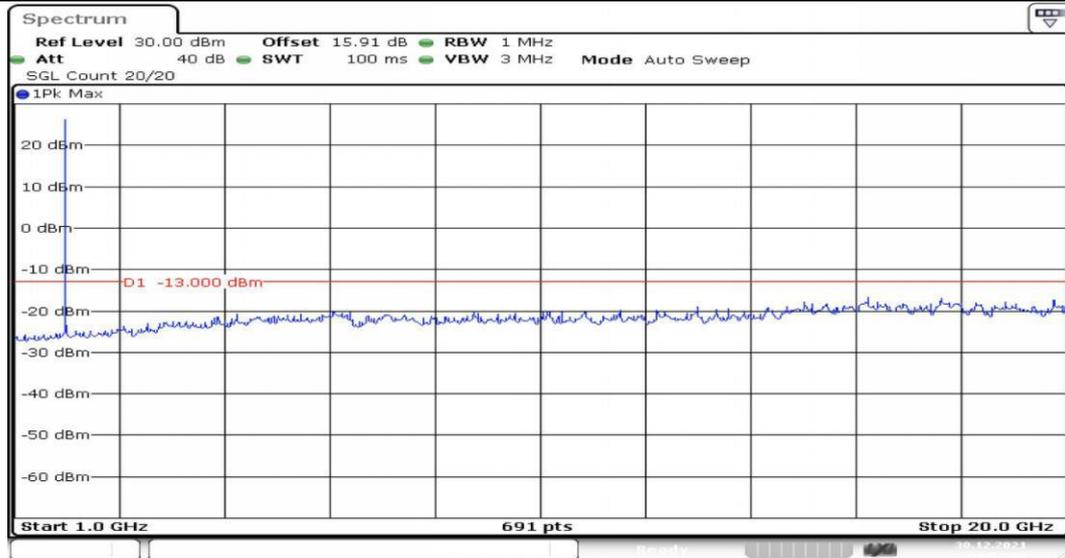
EGPRS (8PSK) MODE:



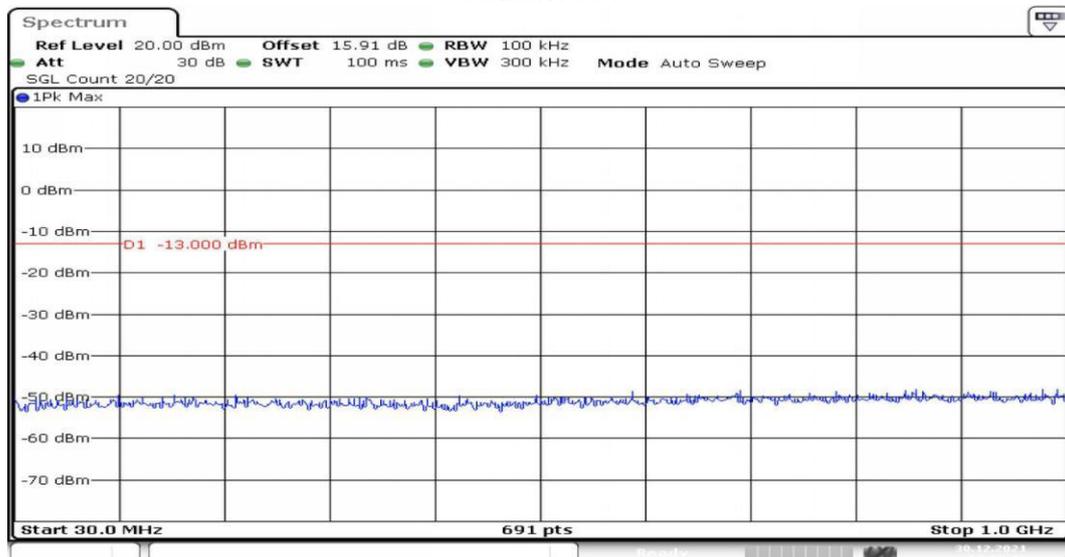
Channel 512



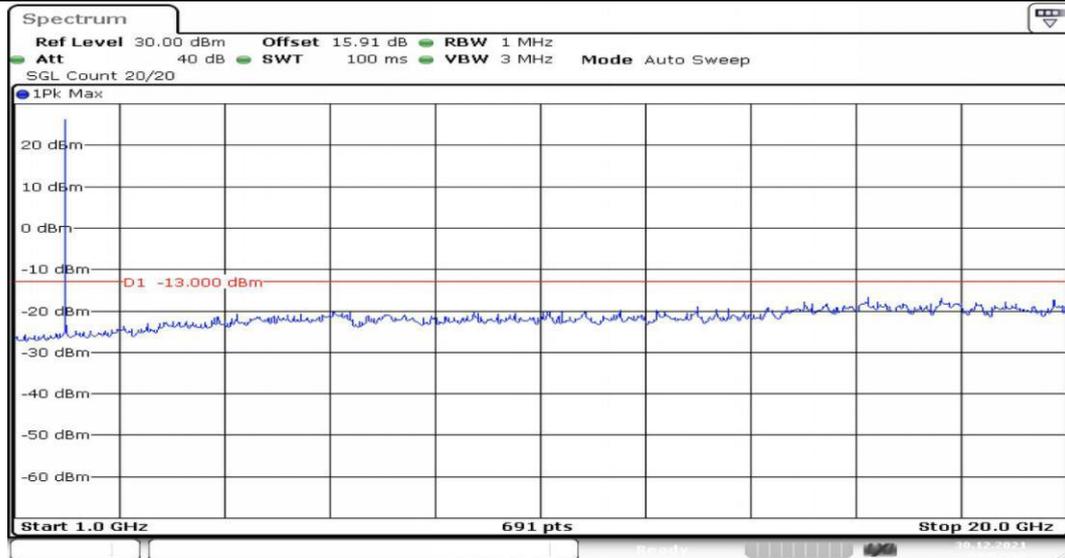
Channel 512



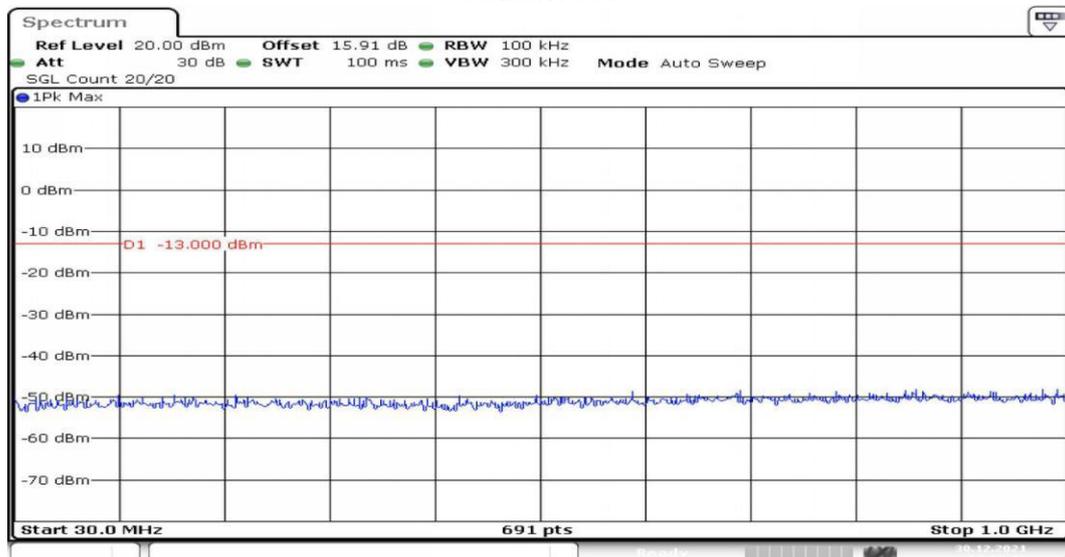
Channel 661



Channel 661

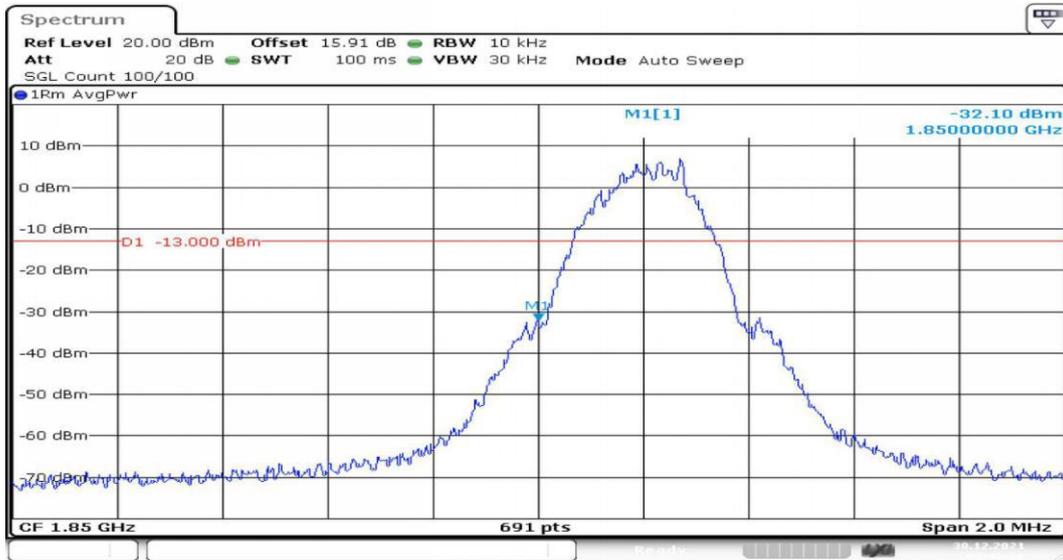


Channel 810

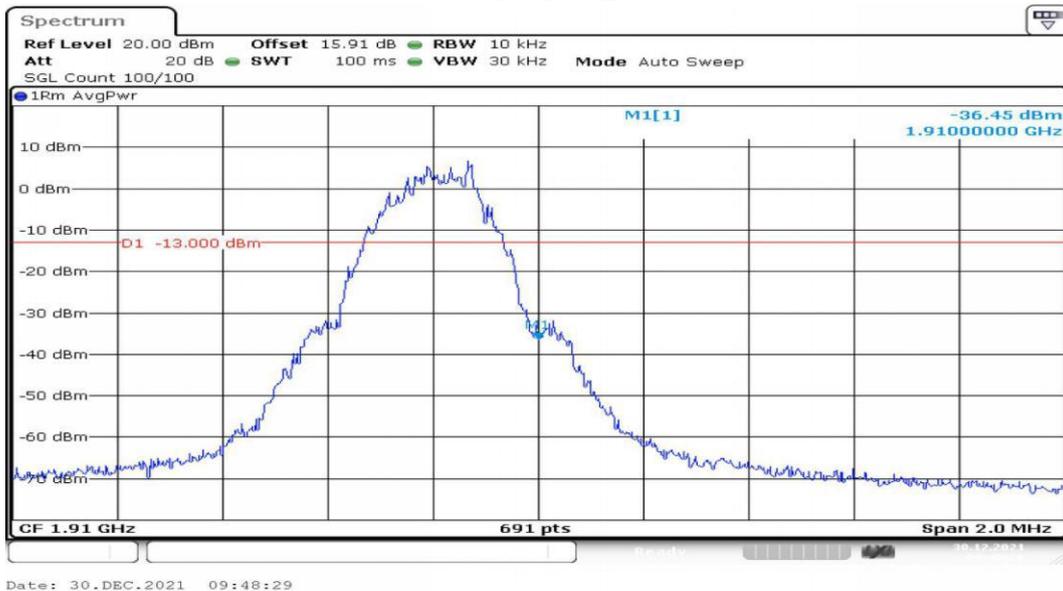


Channel 810

5. Band Edges Compliance
PCS1900
GSM MODE:

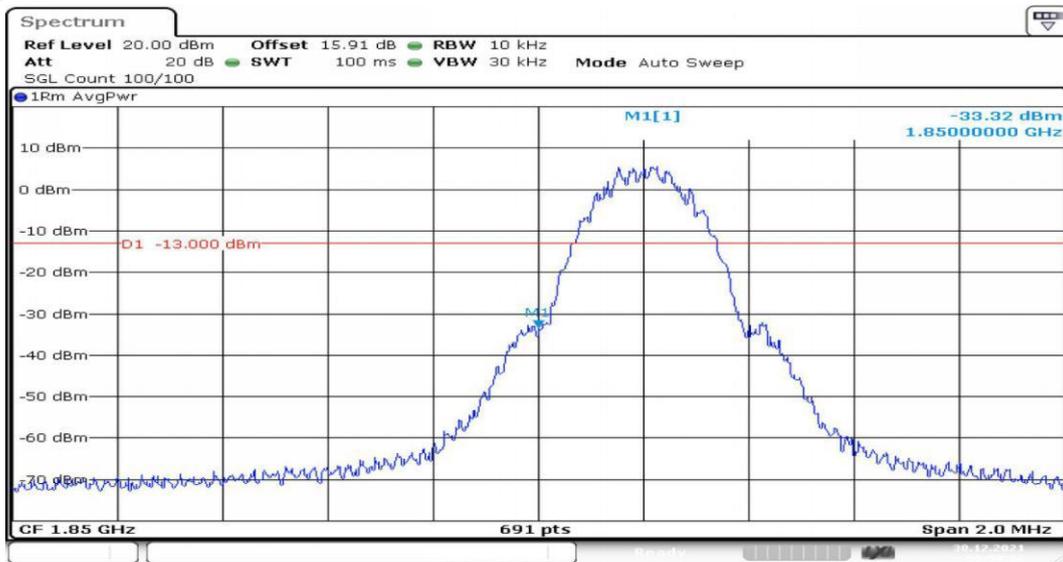


Channel 512

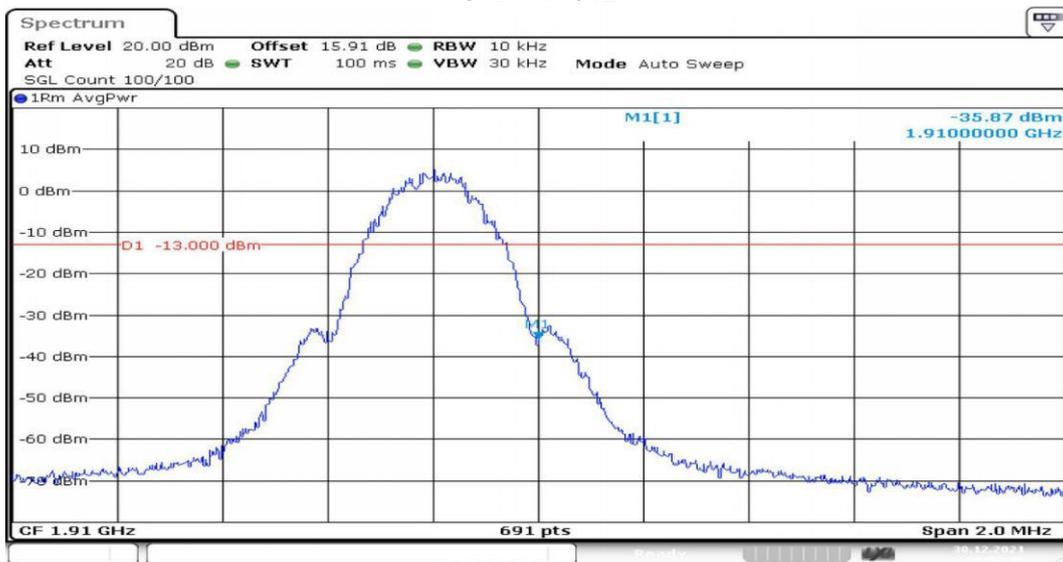


Channel 810

GPRS MODE:

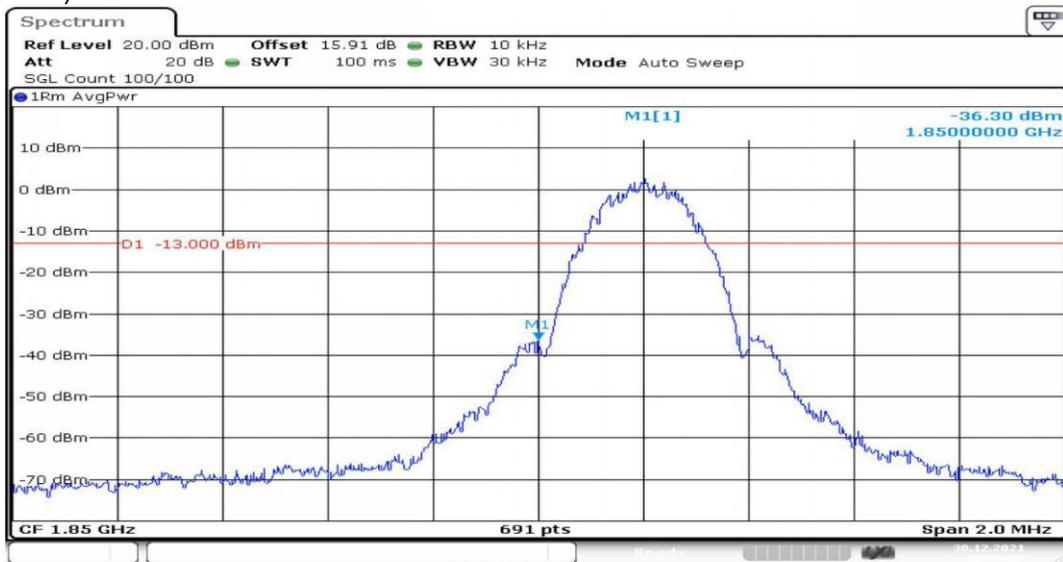


Channel 512

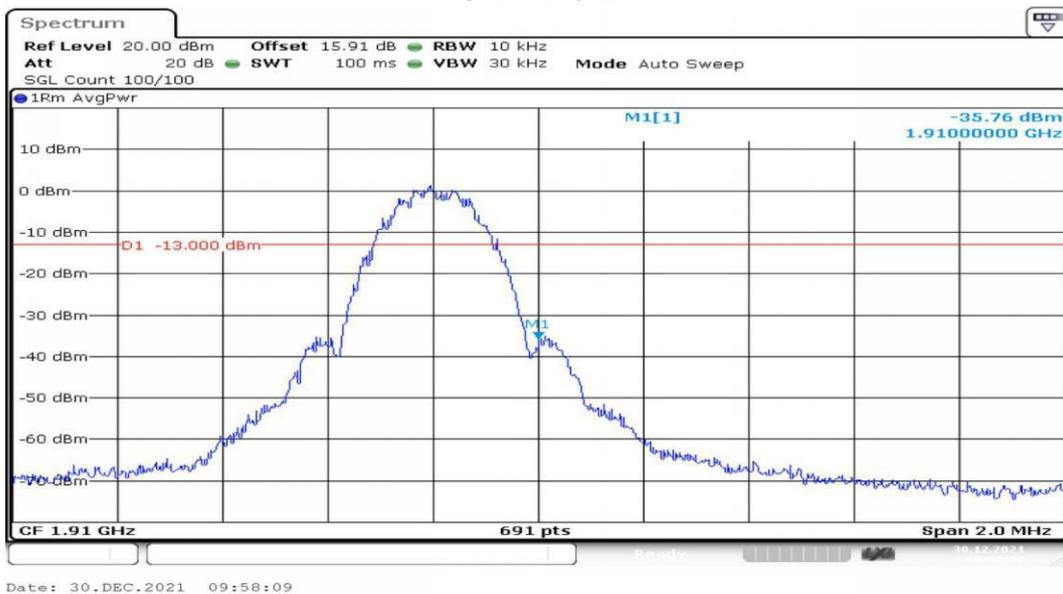


Channel 810

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
-20	0.001	-0.020	0.006
-10	0.006	-0.015	0.001
0	0.001	-0.019	-0.014
+10	-0.002	-0.016	-0.012
+30	-0.002	-0.022	-0.019
+40	-0.004	-0.018	-0.014
+55	-0.001	-0.019	-0.021
Voltage	Test Result (ppm)@NT		
	Channel 512	Channel 661	Channel 810
LV	0.002	-0.020	-0.013
HV	-0.001	-0.019	-0.021

GPRS MODE:

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

EGPRS (8PSK) MODE:

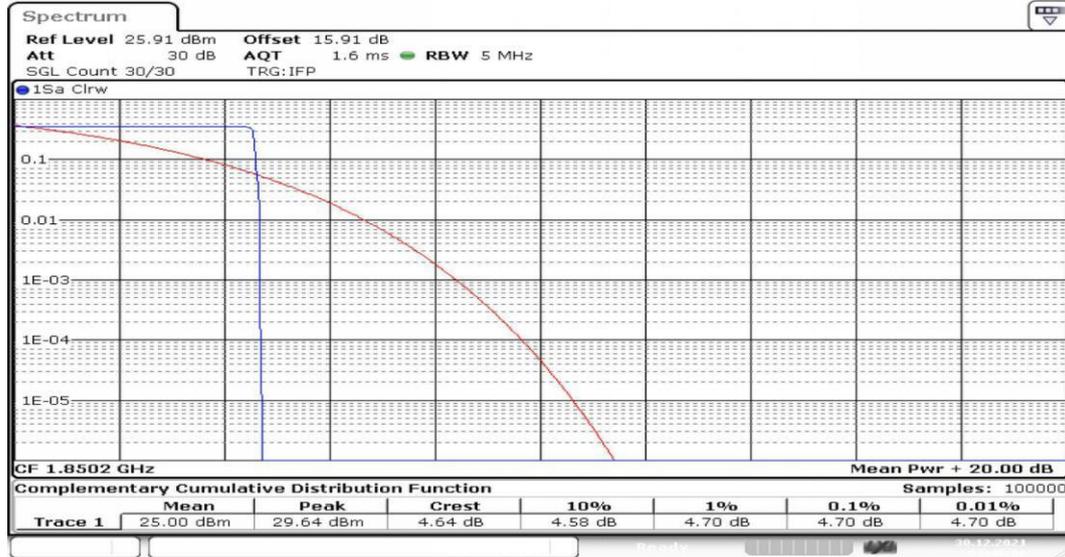
Temperature(°C)	Test Result (ppm)@NV		
	Channel 512	Channel 661	Channel 810
-20	0.005	-0.003	-0.006
-10	0.001	-0.002	-0.004
0	0.002	0.003	-0.005
+10	-0.002	-0.004	-0.008
+30	0.001	-0.001	-0.006
+40	-0.002	0.001	0.001
+55	-0.002	-0.004	-0.004
Voltage	Test Result (ppm)@NT		
	Channel 512	Channel 661	Channel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

LV	0.000	-0.003	-0.007
HV	-0.002	0.004	-0.001

7. Peak-Average Ratio

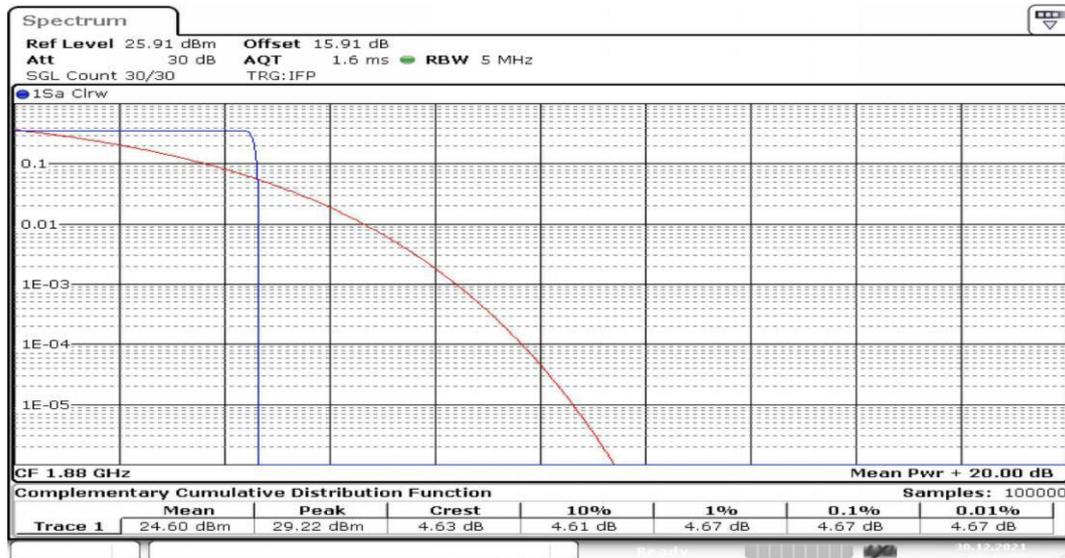
PCS1900

GSM MODE:



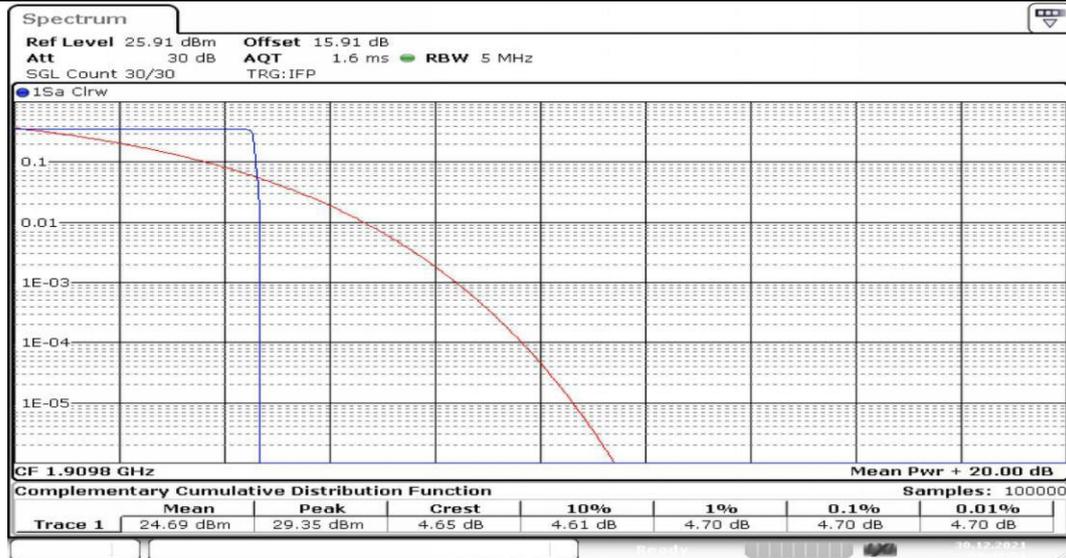
Date: 30.DEC.2021 09:46:01

Channel 512



Date: 30.DEC.2021 09:47:06

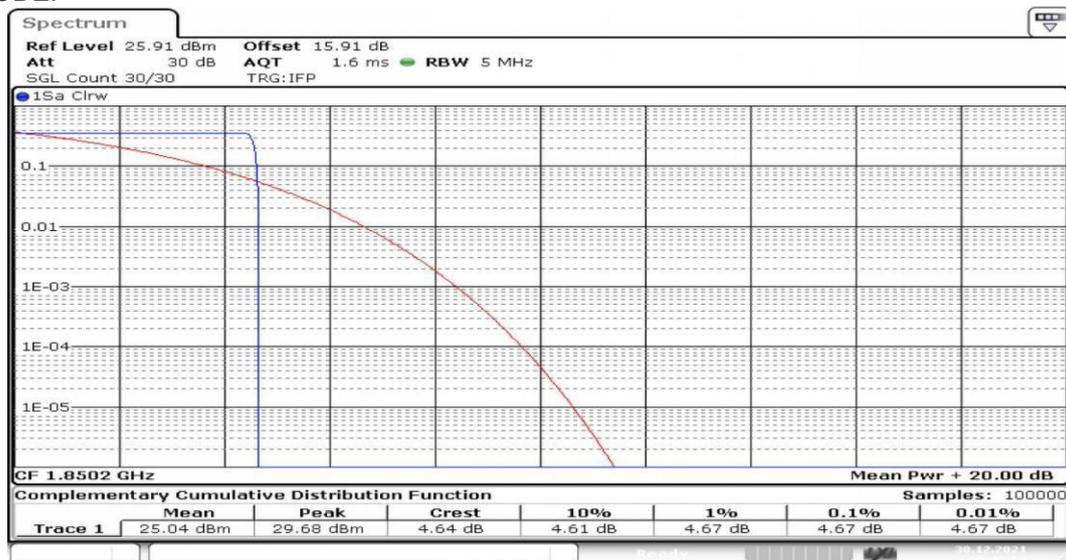
Channel 661



Date: 30.DEC.2021 09:47:51

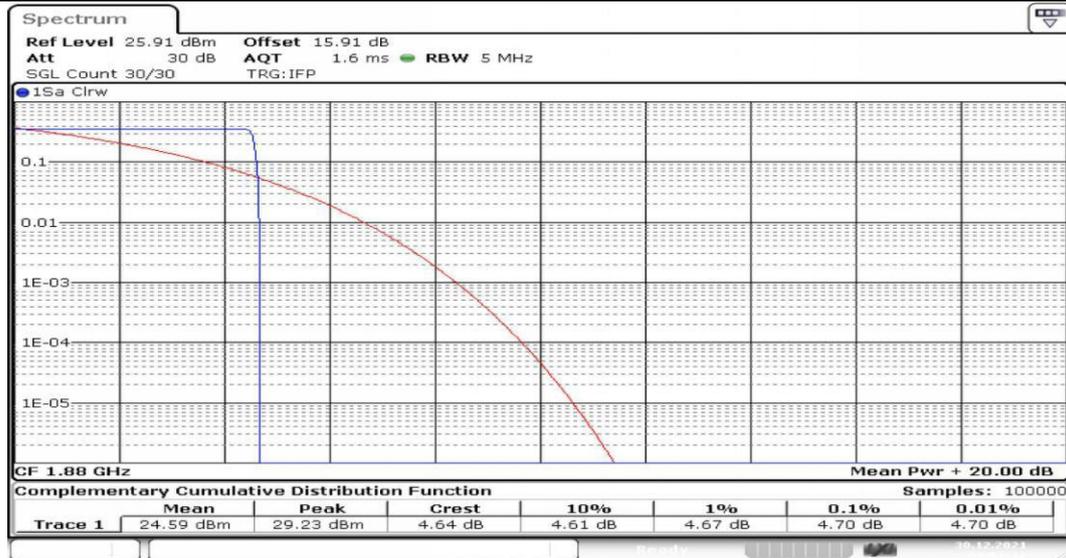
Channel 810

GPRS MODE:



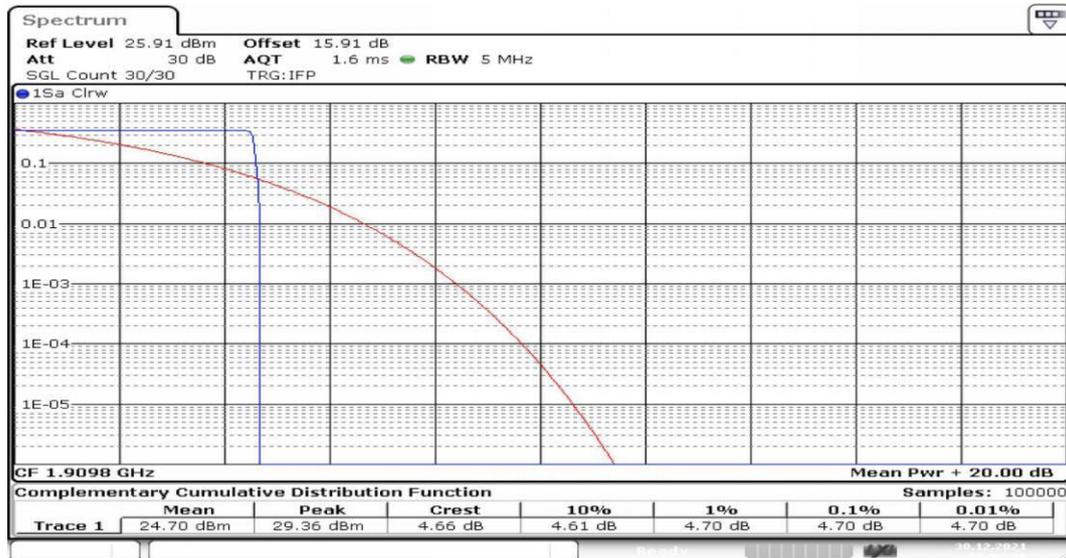
Date: 30.DEC.2021 09:49:57

Channel 512



Date: 30.DEC.2021 09:51:12

Channel 661



Date: 30.DEC.2021 09:52:09

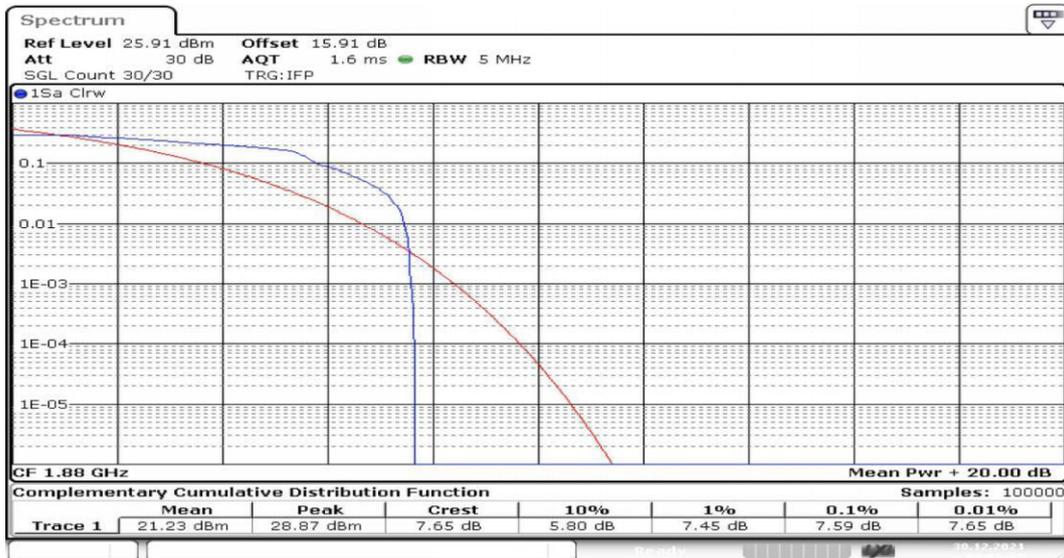
Channel 810

EGPRS (8PSK) MODE:



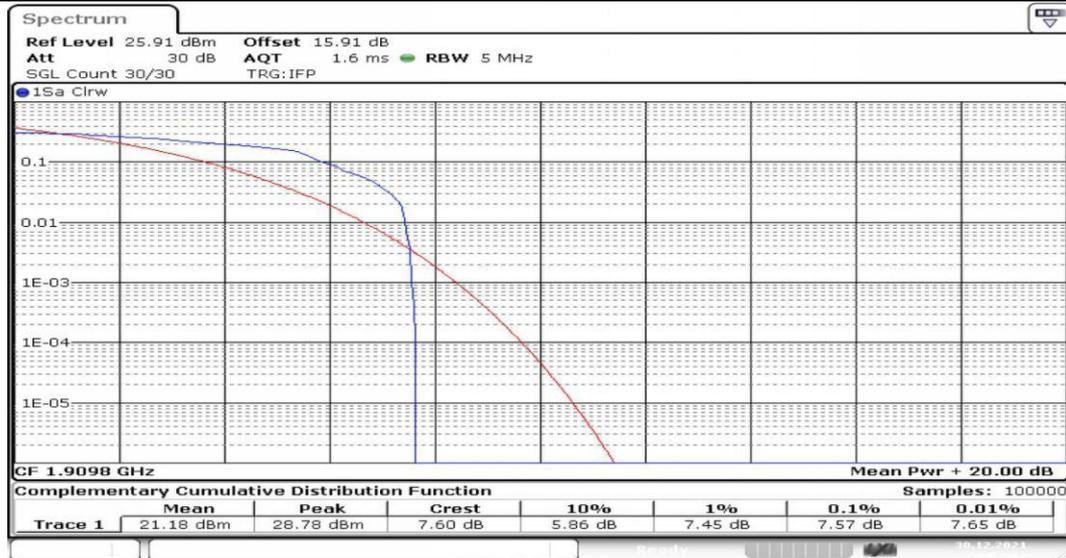
Date: 30.DEC.2021 09:55:20

Channel 512



Date: 30.DEC.2021 09:56:36

Channel 661



Date: 30.DEC.2021 09:57:32

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	28.32	26.42	0.439
1880	661	27.79	25.89	0.388
1909.8	810	28.03	26.13	0.410

GPRS Measured Power:

Carrier frequency (MHz)	Channel No.	TX Mode	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
1850.2	512	4Down1Up	28.33	26.43	0.440
1880	661		27.80	25.90	0.389
1909.8	810		28.04	26.14	0.411
1850.2	512	3Down2Up	26.34	24.44	0.278
1880	661		26.30	24.40	0.275
1909.8	810		26.19	24.29	0.269
1850.2	512	2Down3Up	24.82	22.92	0.196
1880	661		24.78	22.88	0.194
1909.8	810		24.64	22.74	0.188
1850.2	512	1Down4Up	22.88	20.98	0.125
1880	661		22.82	20.92	0.124
1909.8	810		22.72	20.82	0.121

EGPRS (8PSK) Measured Power:

Carrier frequency (MHz)	Channel No.	TX Mode	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
1850.2	512	4Down1Up	24.85	22.95	0.197
1880	661		24.34	22.44	0.175
1909.8	810		24.38	22.48	0.177
1850.2	512	3Down2Up	24.77	22.87	0.194
1880	661		24.39	22.49	0.177
1909.8	810		24.35	22.45	0.176
1850.2	512	2Down3Up	22.01	20.11	0.103
1880	661		21.94	20.04	0.101
1909.8	810		21.98	20.08	0.102
1850.2	512	1Down4Up	21.57	19.67	0.093
1880	661		20.54	18.64	0.073
1909.8	810		20.76	18.86	0.077

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
1672.187500	-60.47	-13	Vertical
2382.562500	-68.87	-13	Vertical
2510.187500	-61.27	-13	Vertical
5786.671875	-59.74	-13	Vertical
6457.898438	-57.80	-13	Vertical
8655.609375	-55.77	-13	Vertical

EDGE (8PSK) MODE Channel 189:

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1625.500000	-68.87	-13	Vertical
2067.000000	-68.99	-13	Vertical
2463.625000	-67.90	-13	Vertical
6467.648438	-57.85	-13	Vertical
6878.062500	-57.71	-13	Vertical
8647.078125	-55.52	-13	Vertical

1900 Test result

GSM/GPRS MODE Channel 661:

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1959.937500	-45.46	-13	Vertical
2029.125000	-64.04	-13	Vertical
2601.875000	-64.36	-13	Vertical
5640.000000	-34.85	-13	Vertical
9399.843750	-51.40	-13	Vertical
11280.000000	-55.52	-13	Vertical

EDGE (8PSK) MODE Channel 661:

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1800.062500	-54.36	-13	Vertical
1960.000000	-40.47	-13	Vertical
5906.718750	-59.40	-13	Vertical
8629.218750	-55.66	-13	Vertical
11130.000000	-56.46	-13	Vertical
17290.312500	-44.35	-13	Vertical

---End of Test Report---