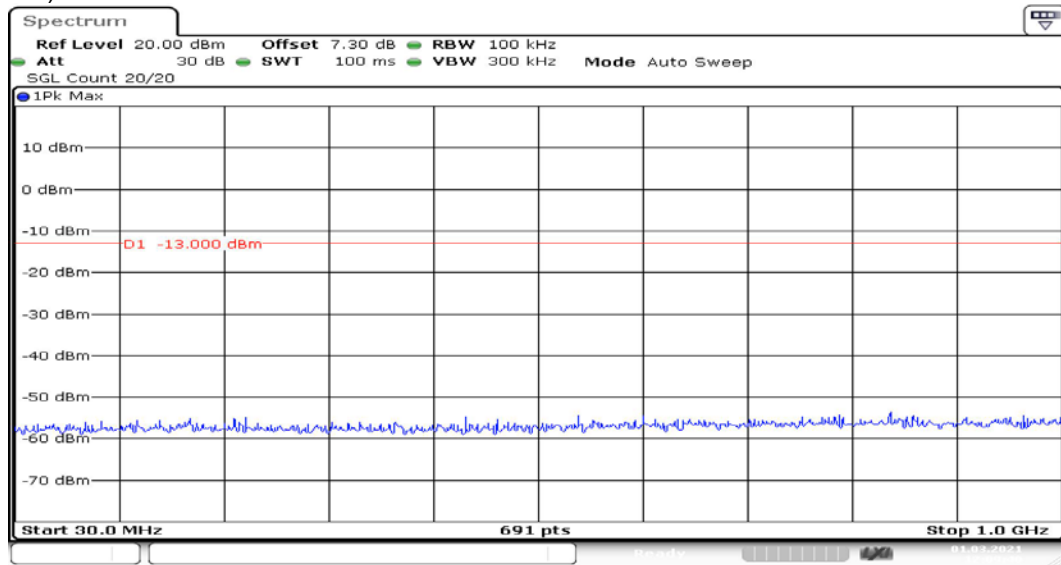
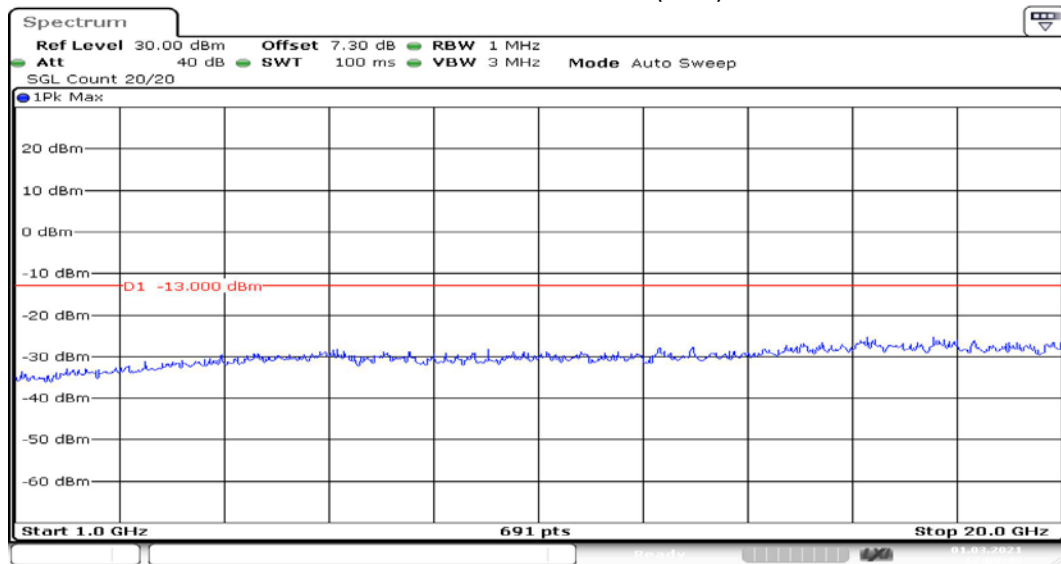


EDGE (8PSK) MODE:



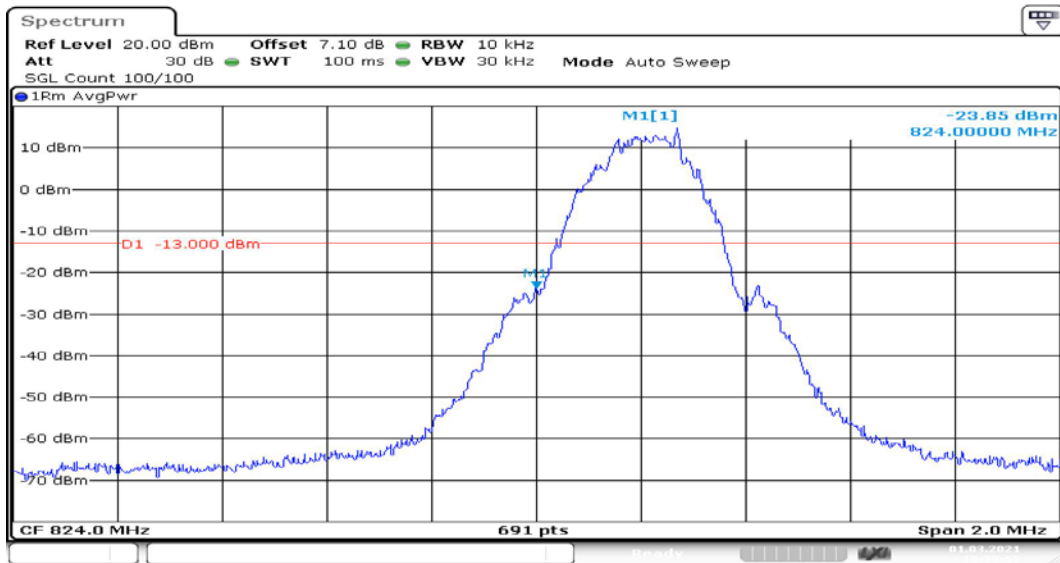
Channel 661 30MHz~1GHz(dBm)



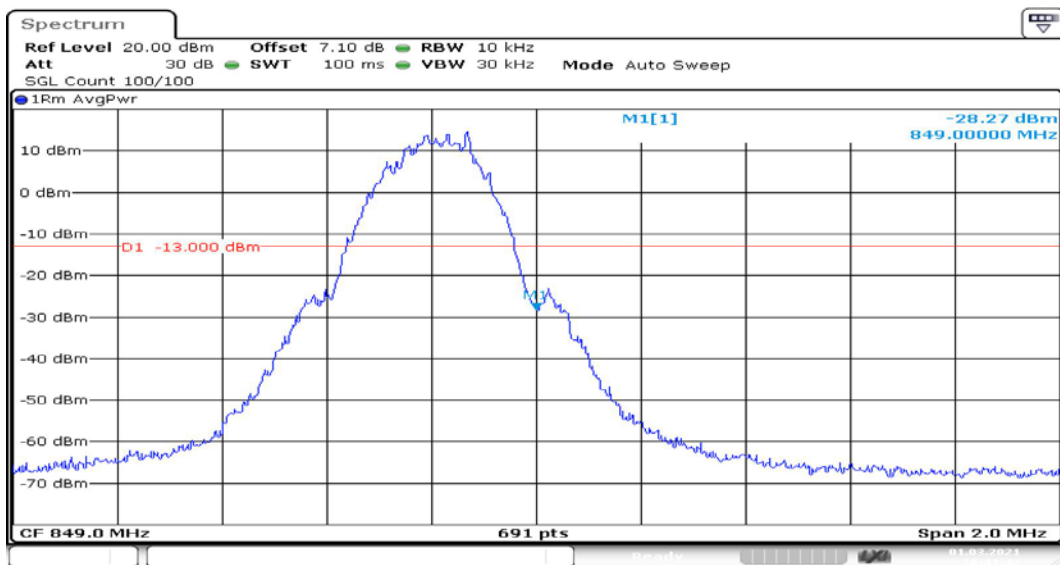
Channel 661 1GHz~20GHz(dBm)

Note: The signal beyond the limit is the signal transmitted by EUT.

**5. Band Edges Compliance**  
**GSM850**  
GSM MODE:

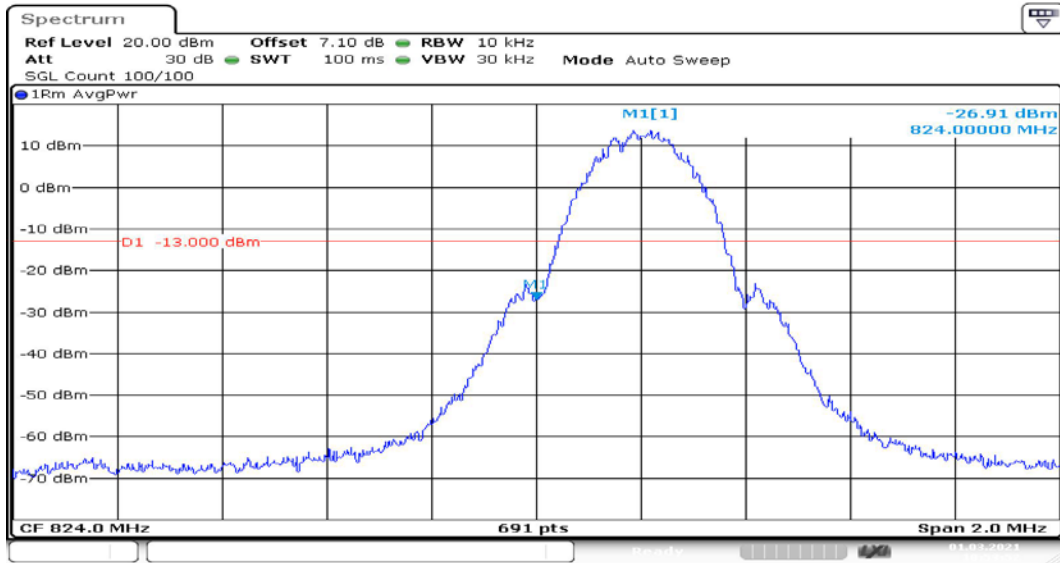


Channel 128

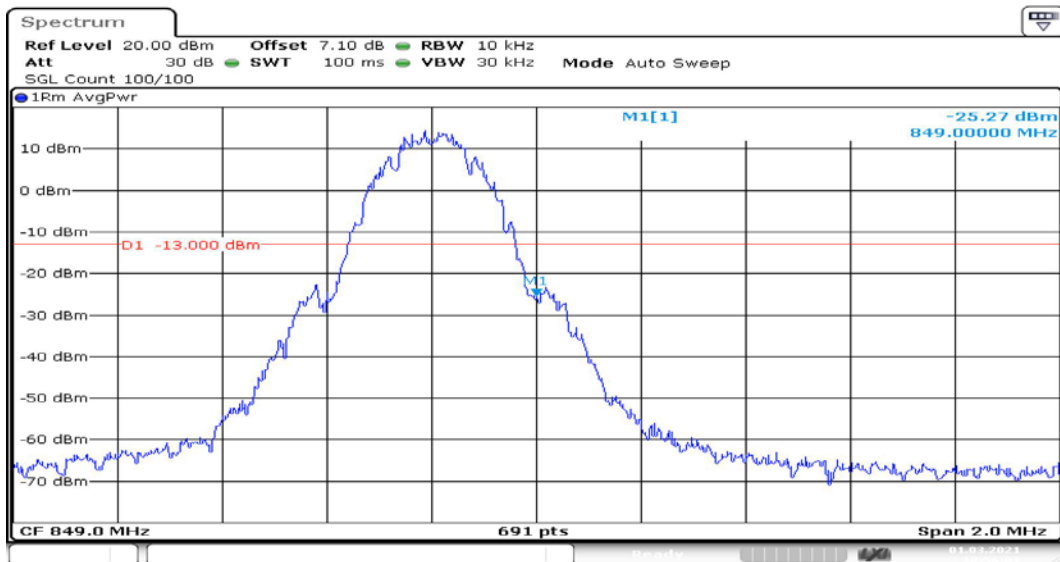


Channel 251

GPRS MODE:

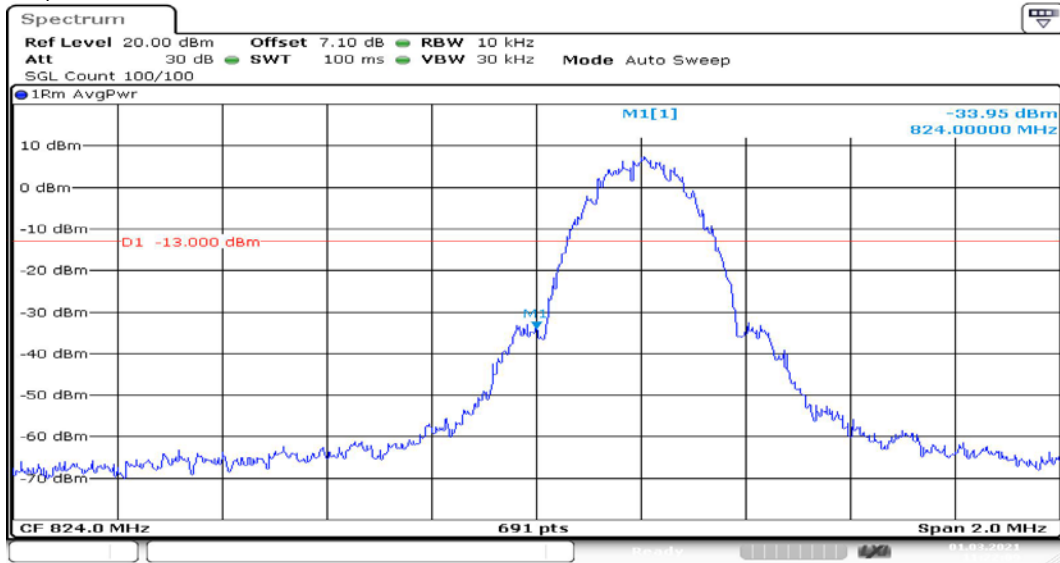


Channel 128



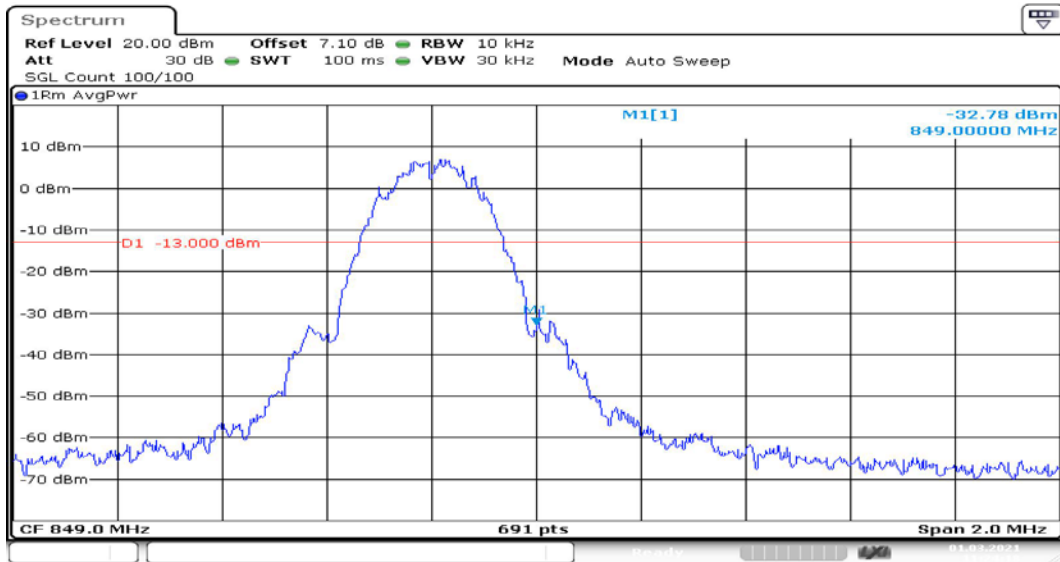
Channel 251

EDGE (8PSK) MODE:



Date: 1.MAR.2021 11:22:10

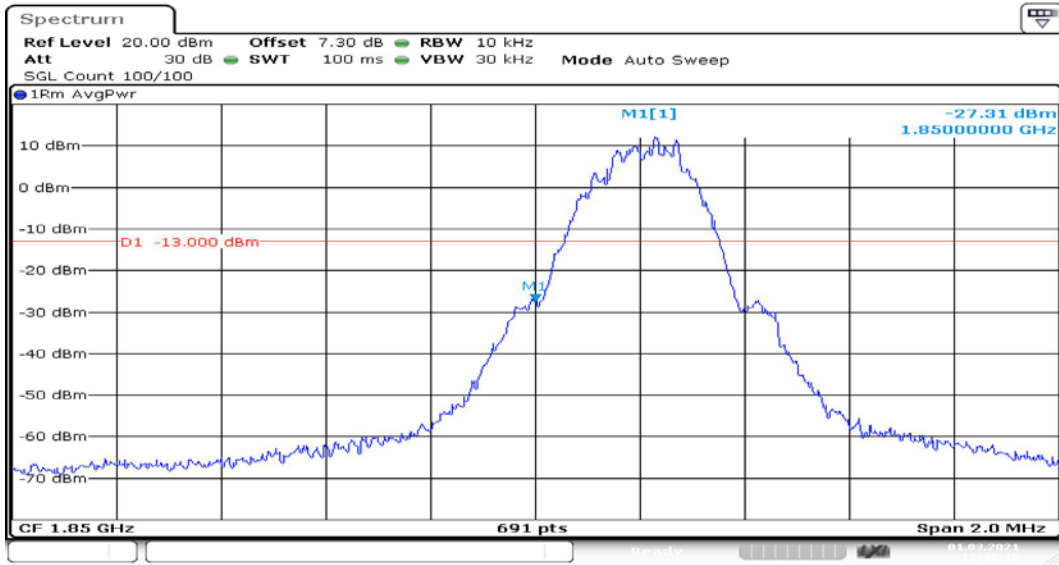
Channel 128



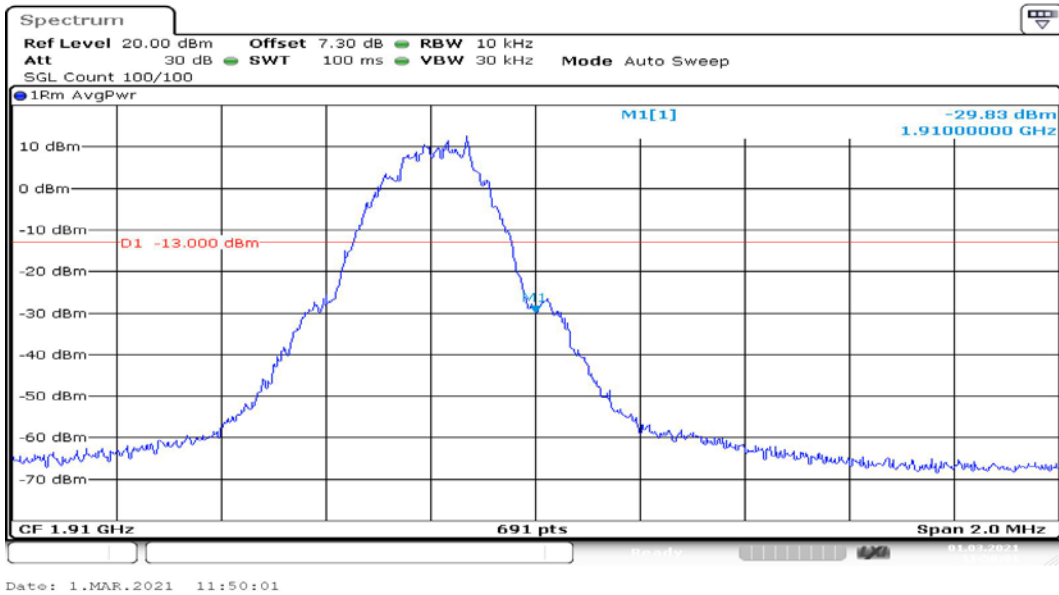
Date: 1.MAR.2021 11:24:18

Channel 251

PCS1900  
GSM MODE:

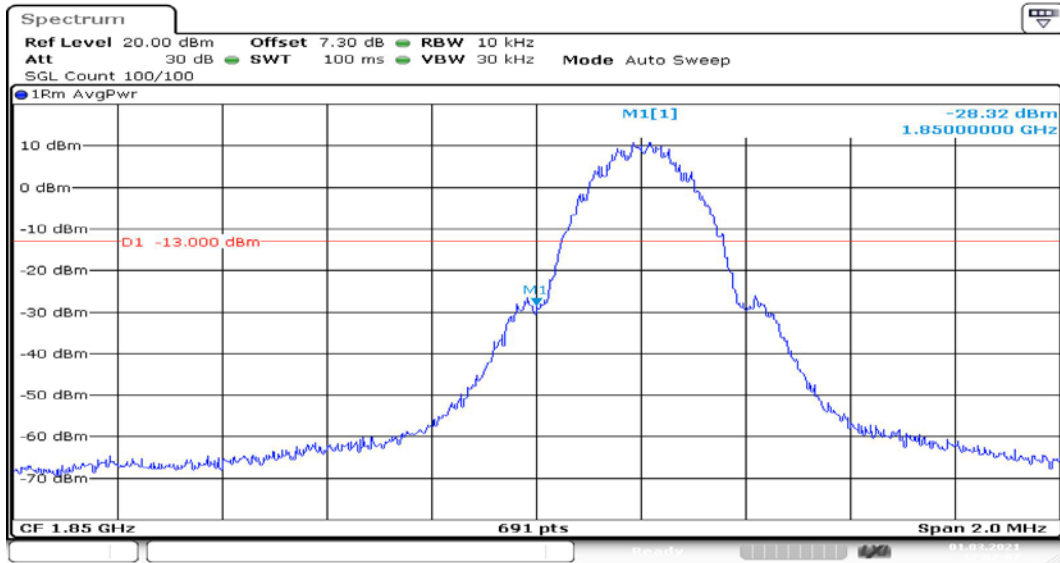


Channel 512

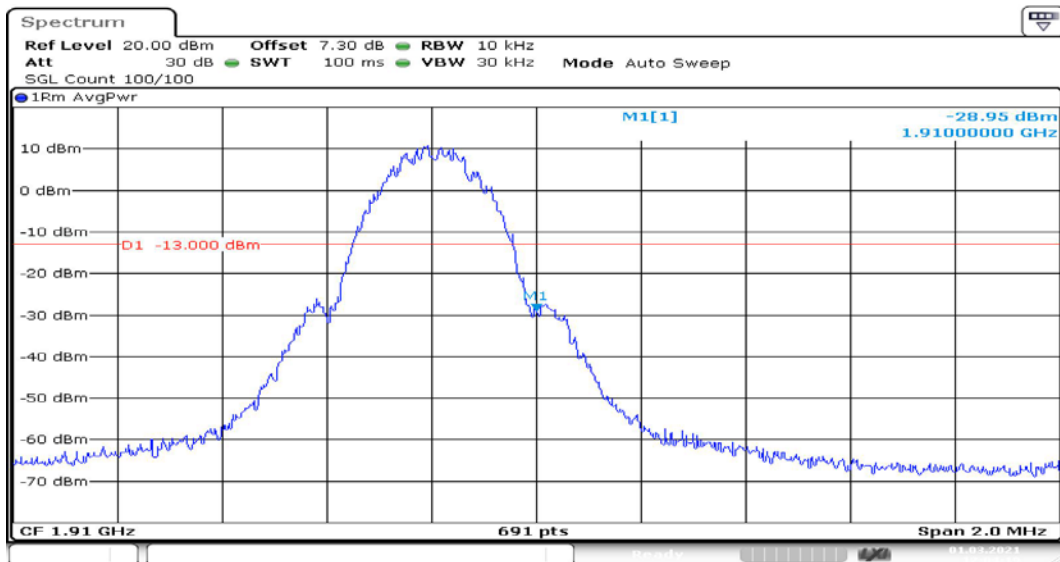


Channel 810

GPRS MODE:

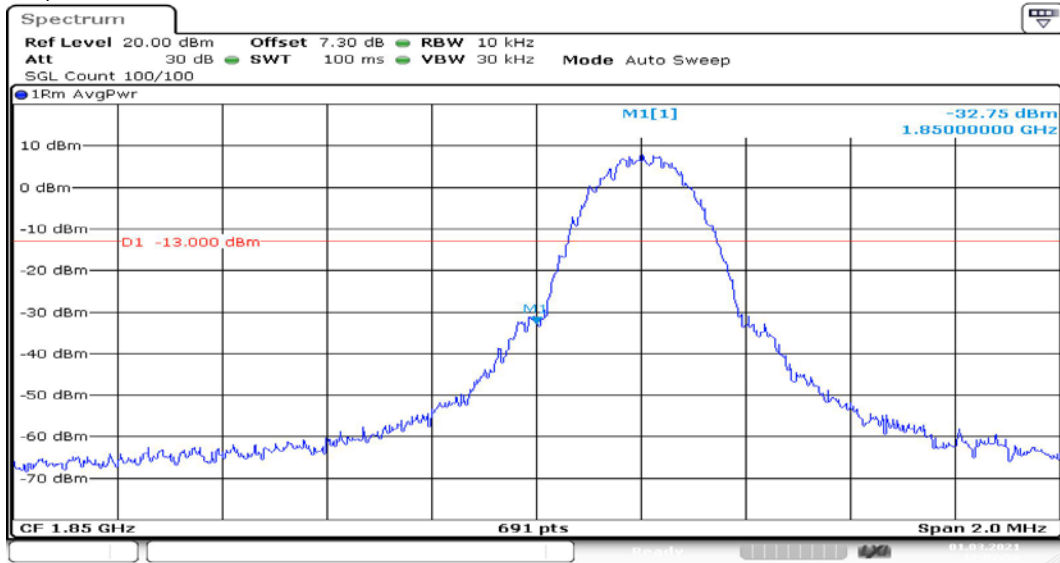


Channel 512

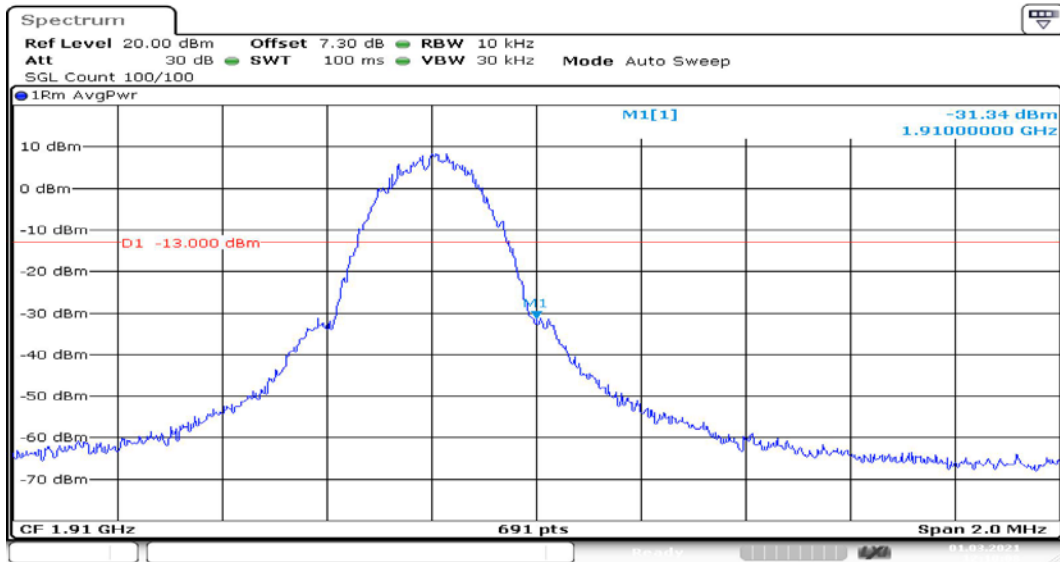


Channel 810

EDGE (8PSK) MODE:



Channel 512



Channel 810

## 6. Frequency Stability

### GSM850

GSM MODE:

Temperature(°C)	Test Result (ppm)@NV		
	Channel 128	Channel 189	Channel 251
-30	0.005	0.010	-0.001
-20	0.012	0.007	-0.005
-10	-0.001	0.007	0.004
0	0.002	0.000	0.001
+10	-0.006	0.010	0.002
+20	0.000	0.000	0.000
+30	-0.005	0.009	-0.002
+40	-0.005	0.009	-0.007
+50	0.008	-0.001	-0.009
Voltage	Test Result (ppm)@NT		
	Channel 128	Channel 189	Channel 251
LV	-0.011	-0.003	0.006
HV	-0.008	0.006	0.000

GPRS MODE:

Temperature(°C)	Test Result (ppm)@NV		
	Channel 128	Channel 189	Channel 251
-30	-0.019	0.012	0.000
-20	-0.015	0.012	-0.003
-10	-0.017	0.004	-0.005
0	-0.009	0.003	0.011
+10	-0.014	0.011	-0.003
+20	0.000	0.000	0.000
+30	-0.020	0.005	0.000
+40	-0.016	0.016	-0.007
+50	-0.016	0.014	0.000
Voltage	Test Result (ppm)@NT		
	Channel 128	Channel 189	Channel 251
LV	-0.007	0.010	0.003
HV	-0.013	0.022	-0.006



EDGE (8PSK) MODE:

Temperature(°C)	Test Result (ppm)@NV		
	Channel 128	Channel 189	Channel 251
-30	0.001	0.003	0.003
-20	-0.005	0.006	0.004
-10	-0.005	0.002	0.003
0	-0.006	0.001	0.003
+10	-0.004	0.002	0.004
+20	0.000	0.000	0.000
+30	-0.006	0.000	-0.002
+40	-0.010	0.001	0.005
+50	-0.005	0.002	-0.001
Voltage	Test Result (ppm)@NT		
	Channel 128	Channel 189	Channel 251
LV	-0.006	0.002	0.004
HV	0.000	0.007	0.007

PCS1900

GSM MODE:

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

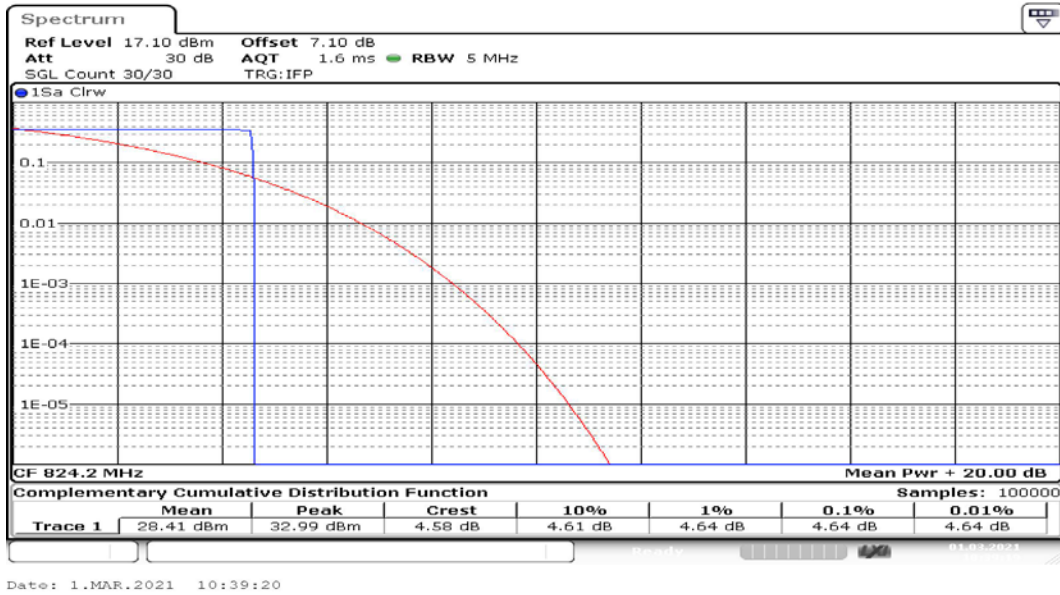
**GPRS MODE:**

Temperature(°C)	Test Result (ppm)@NV		
	Channel 512	Channel 661	Channel 810
-30	-0.007	0.001	0.009
-20	-0.005	0.000	0.007
-10	-0.008	-0.007	-0.002
0	-0.012	-0.001	0.003
+10	-0.014	-0.004	0.007
+20	0.000	0.000	0.000
+30	-0.011	-0.007	0.010
+40	-0.009	-0.004	0.005
+50	-0.008	0.002	0.000
Voltage	Test Result (ppm)@NT		
	Channel 512	Channel 661	Channel 810
LV	-0.003	0.002	0.007
HV	0.000	-0.004	0.011

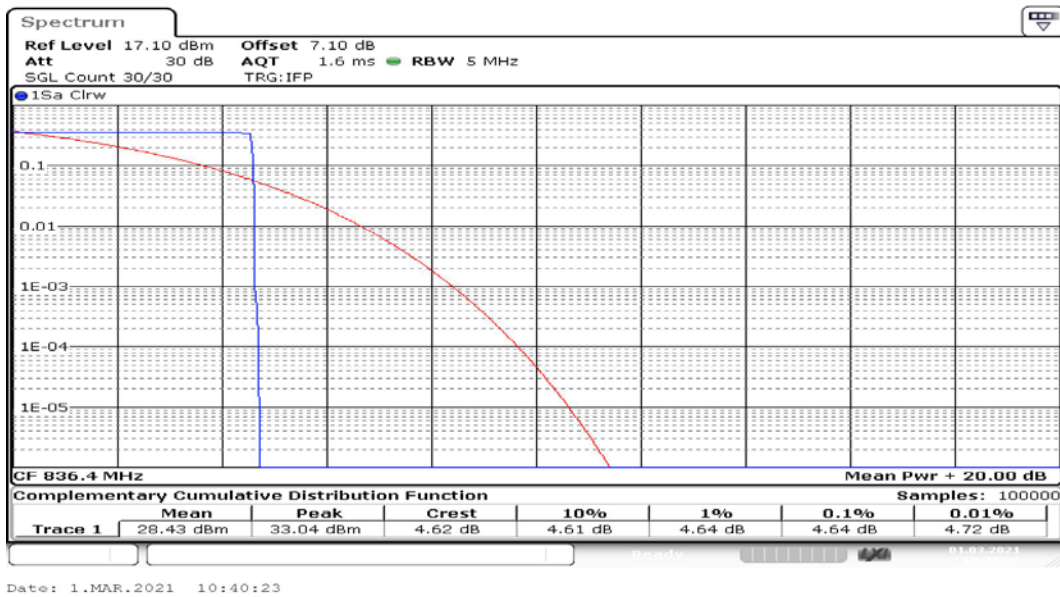
**EDGE (8PSK) MODE:**

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

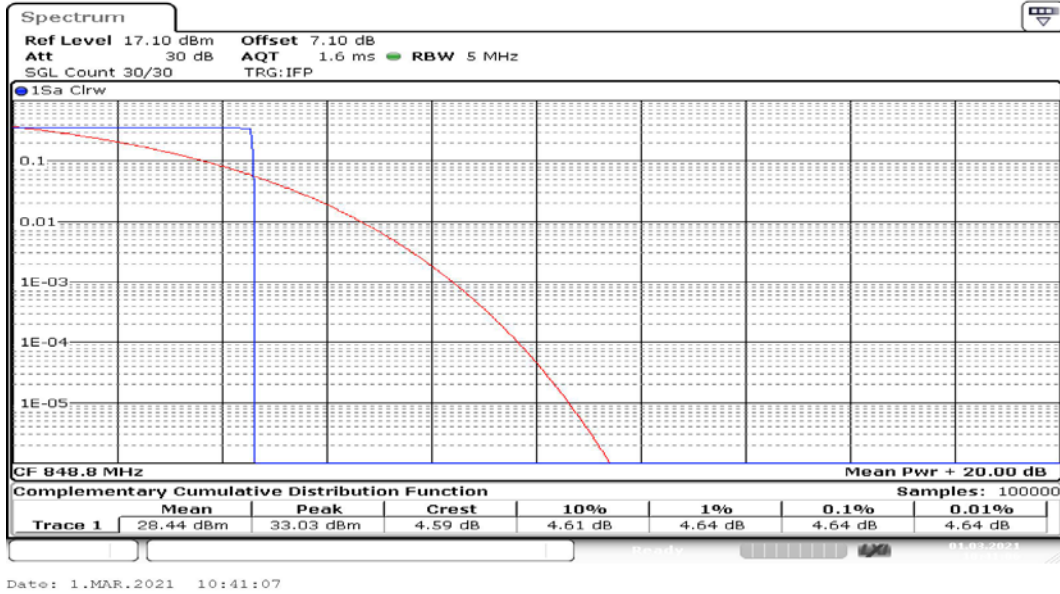
**7. Peak-Average Ratio**  
**GSM850**  
GSM MODE:



Channel 128

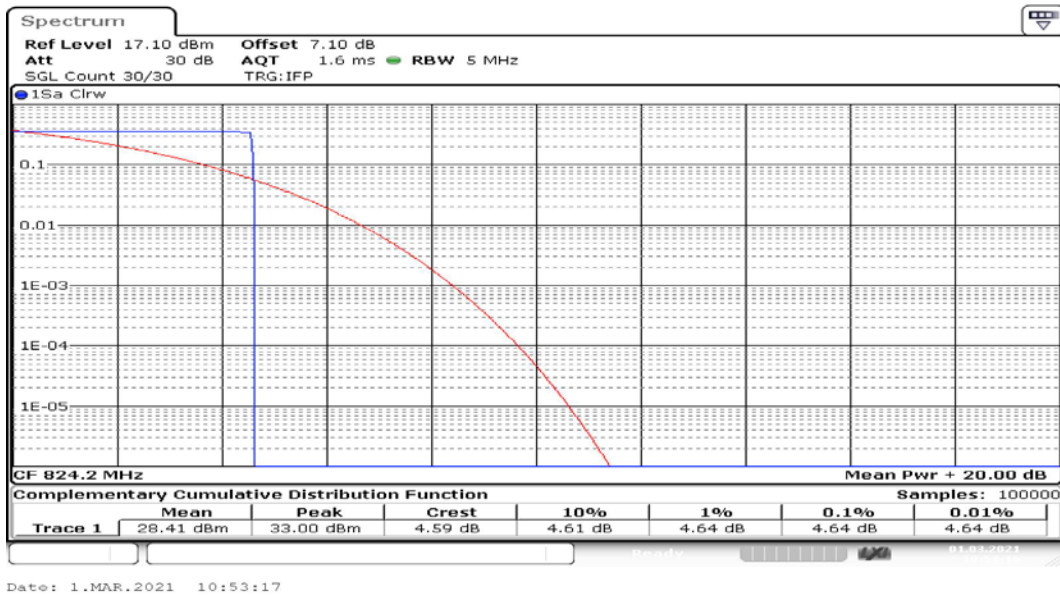


Channel 189

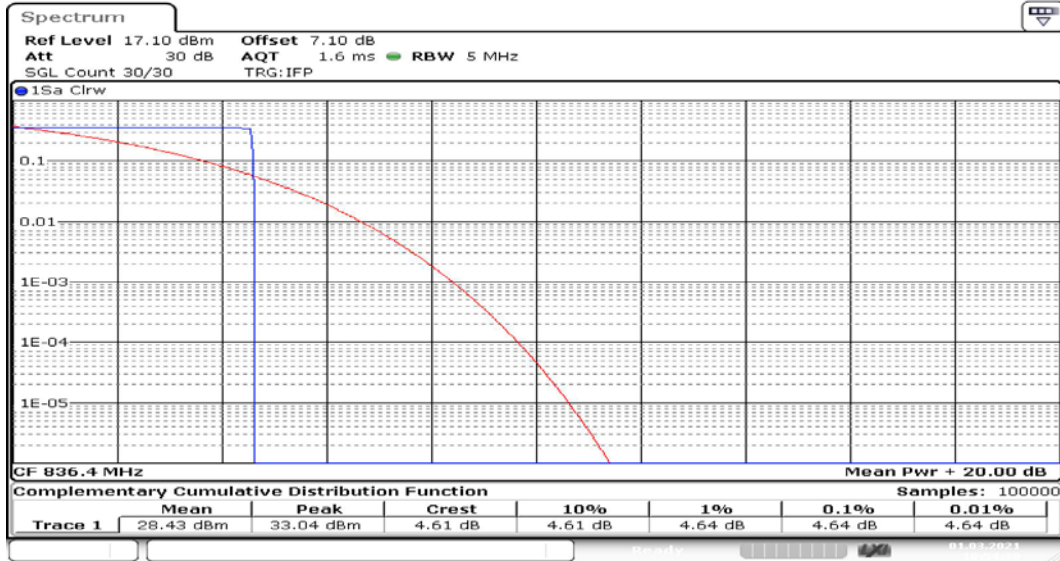


Channel 251

GPRS MODE:

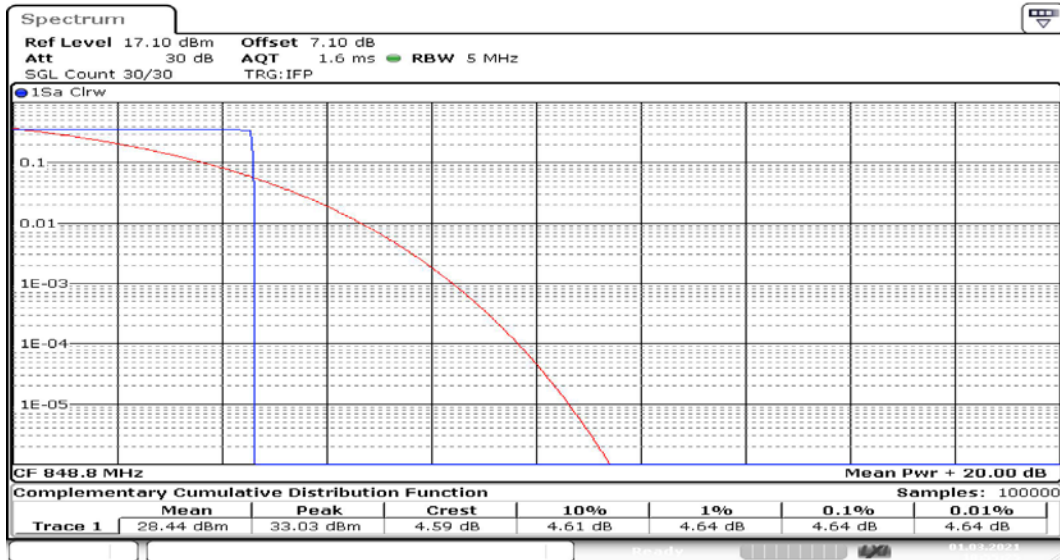


Channel 128



Date: 1.MAR.2021 10:54:31

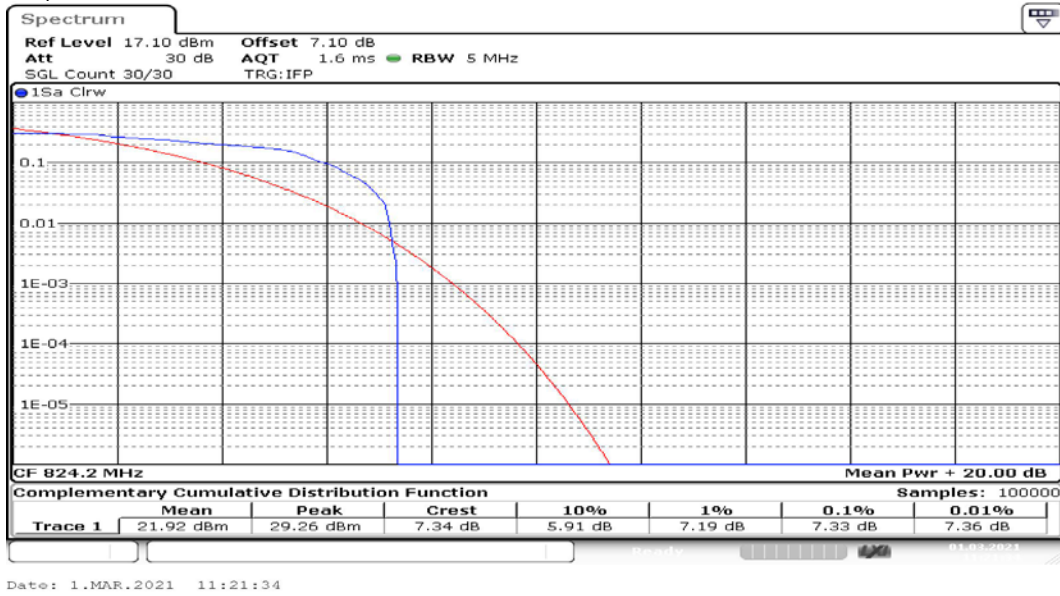
Channel 189



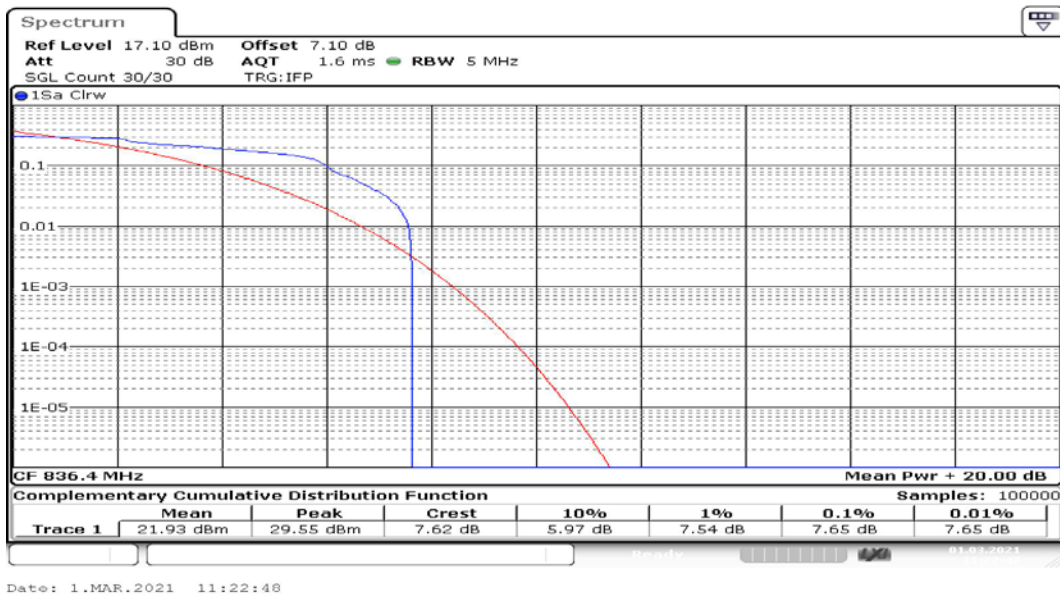
Date: 1.MAR.2021 10:55:26

Channel 251

EDGE (8PSK) MODE:

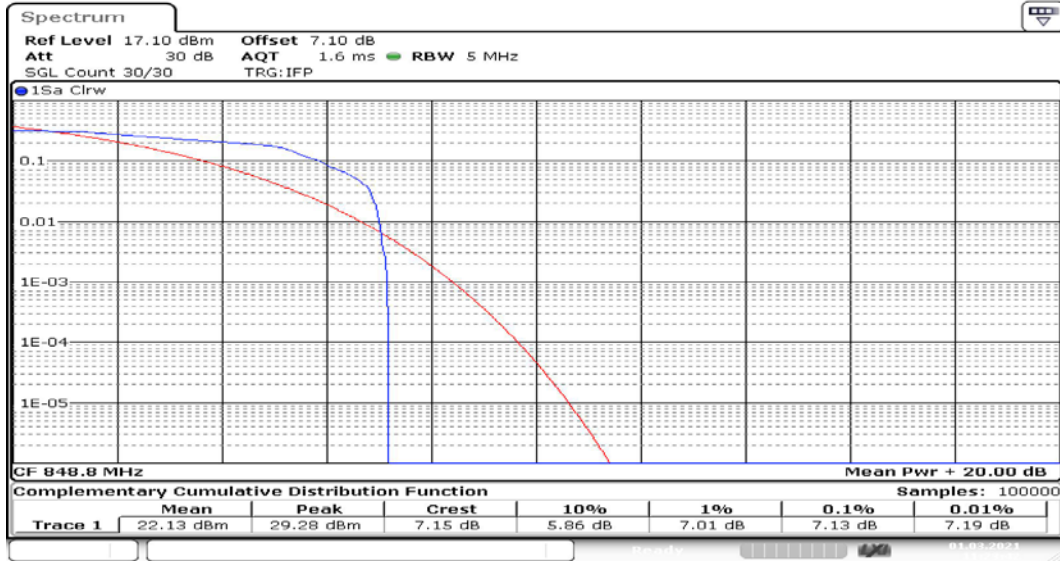


Channel 128



Channel 189

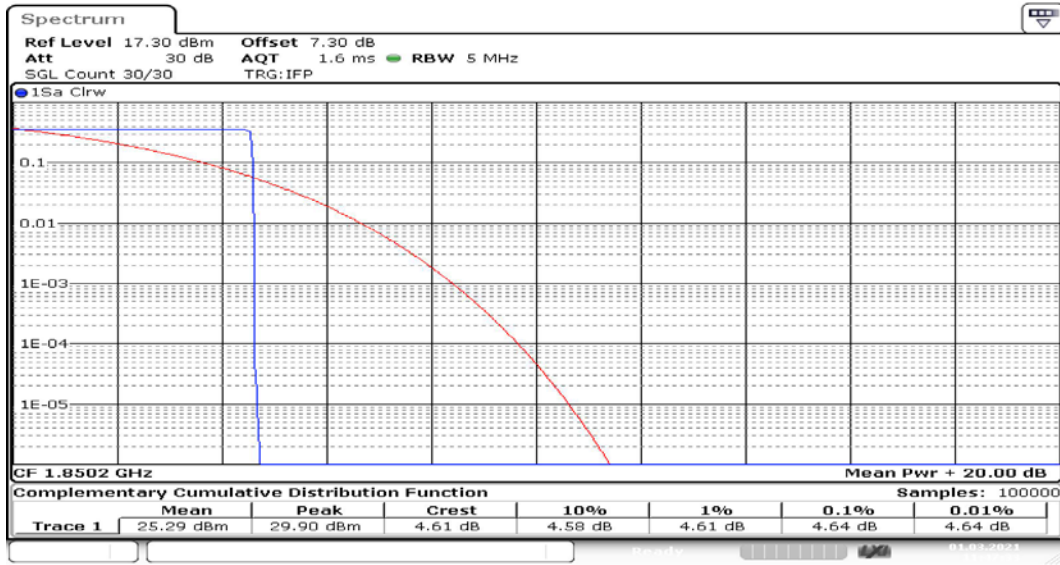




Date: 1.MAR.2021 11:23:43

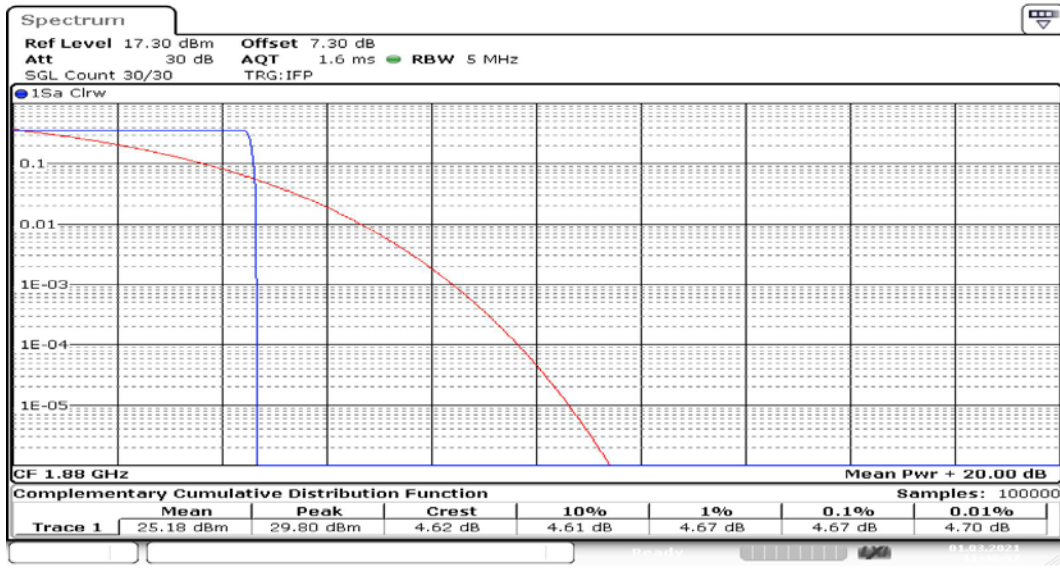
Channel 251

PCS1900  
 GSM MODE:



Date: 1.MAR.2021 11:47:33

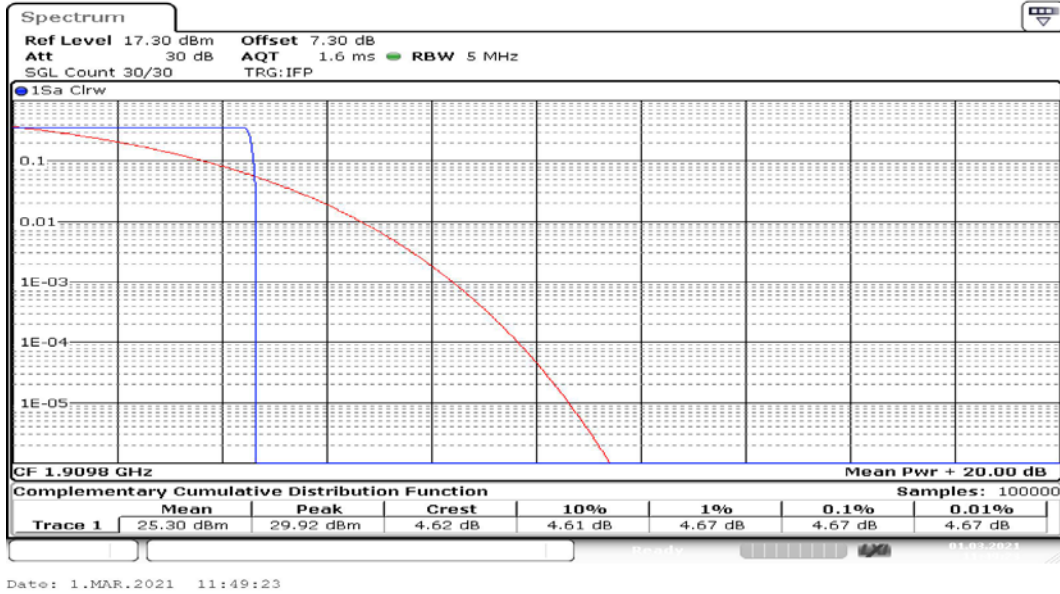
Channel 512



Date: 1.MAR.2021 11:48:38

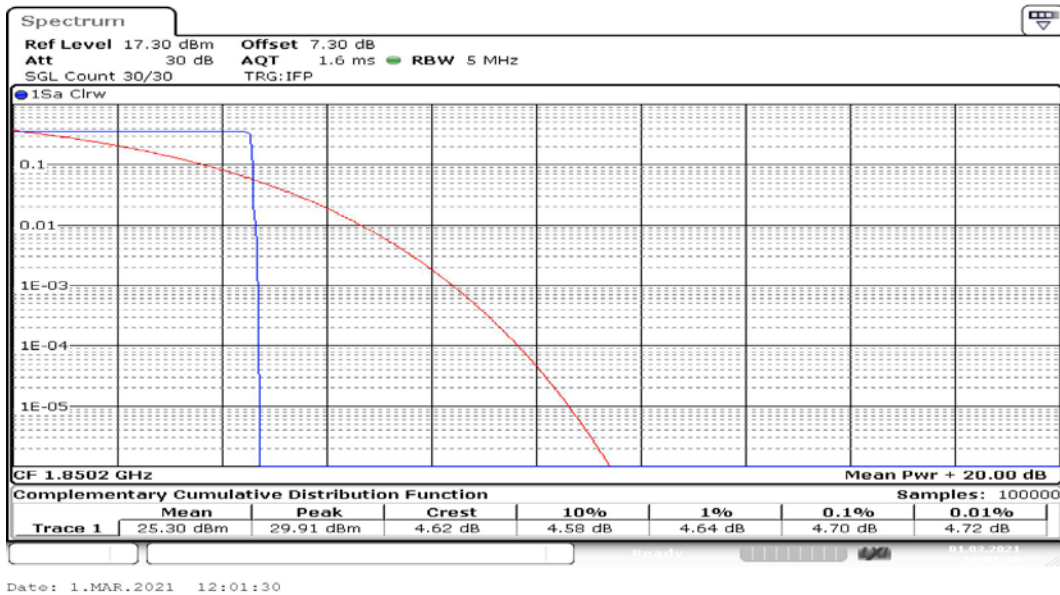
Channel 661



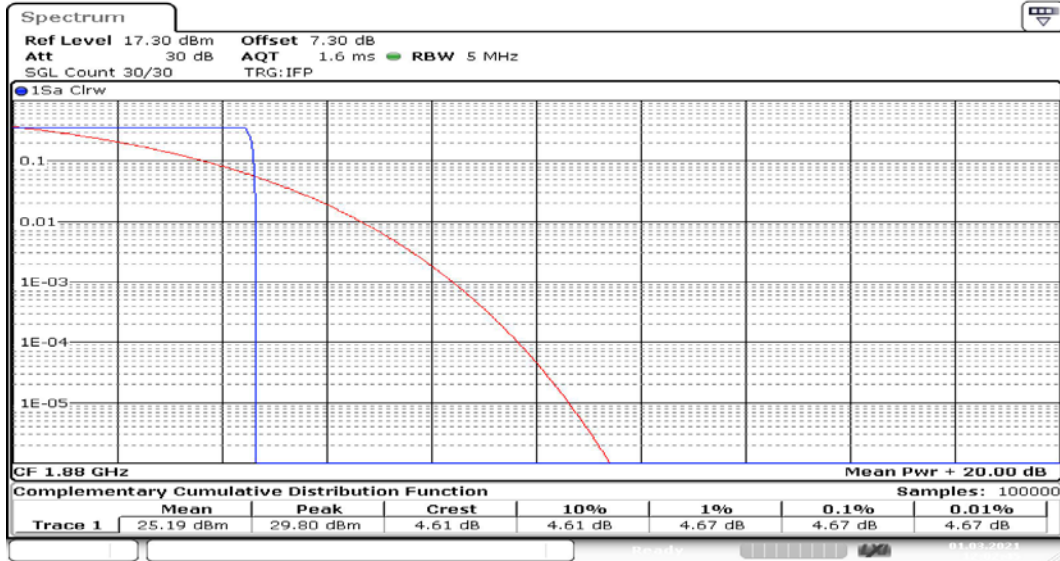


Channel 810

GPRS MODE:

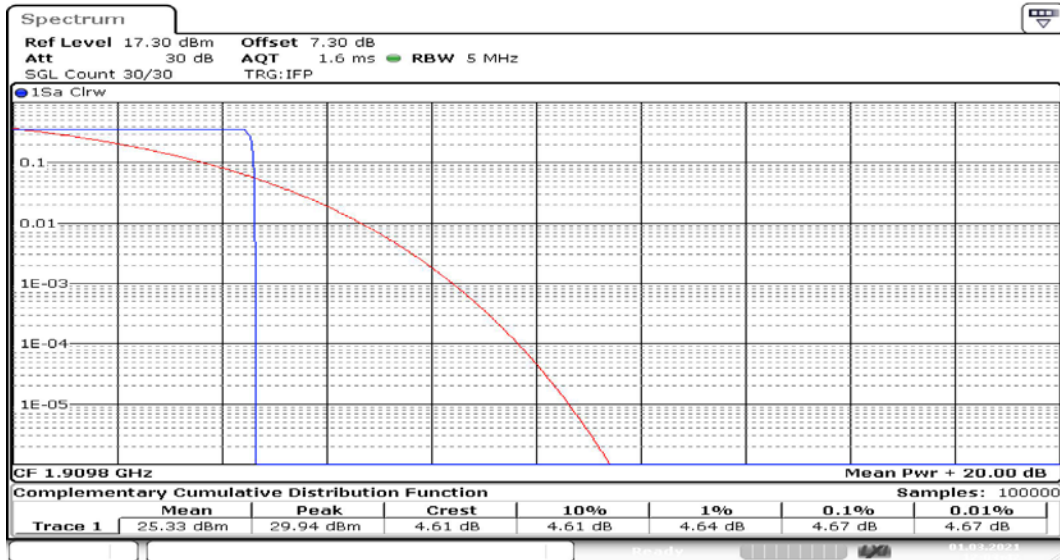


Channel 512



Date: 1.MAR.2021 12:02:46

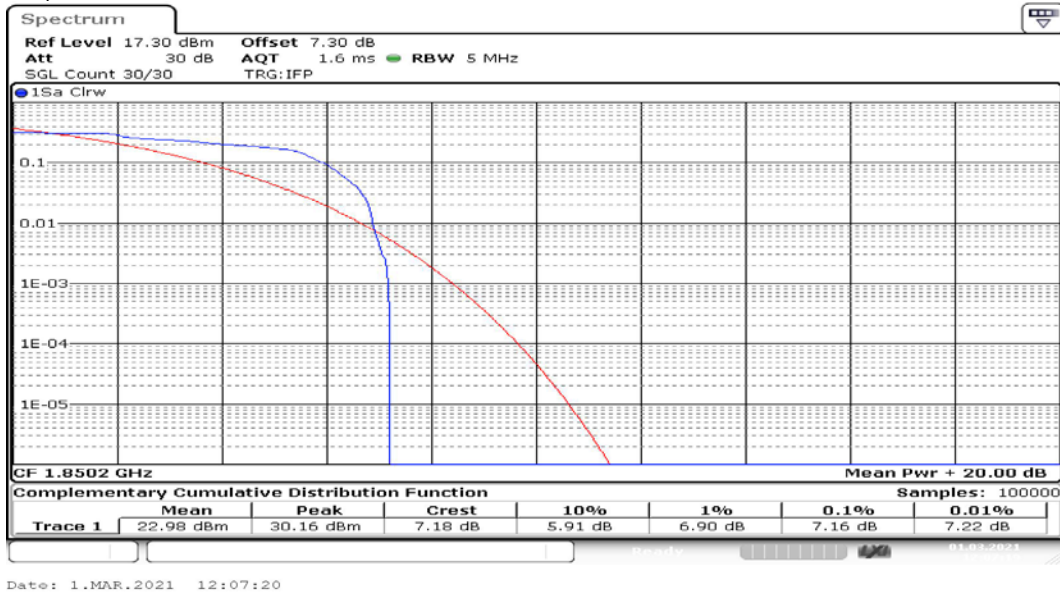
Channel 661



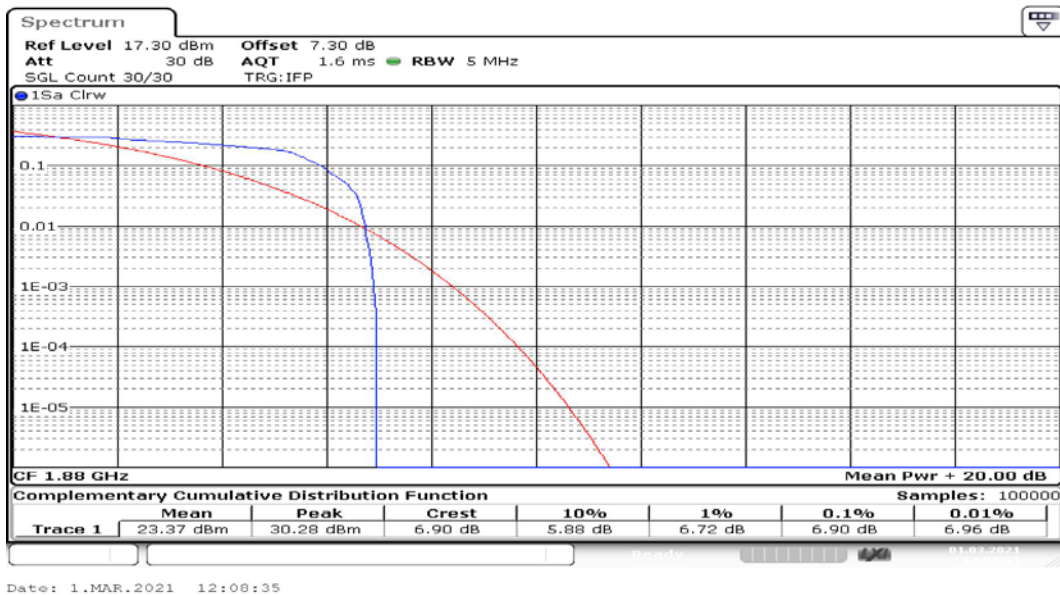
Date: 1.MAR.2021 12:03:43

Channel 810

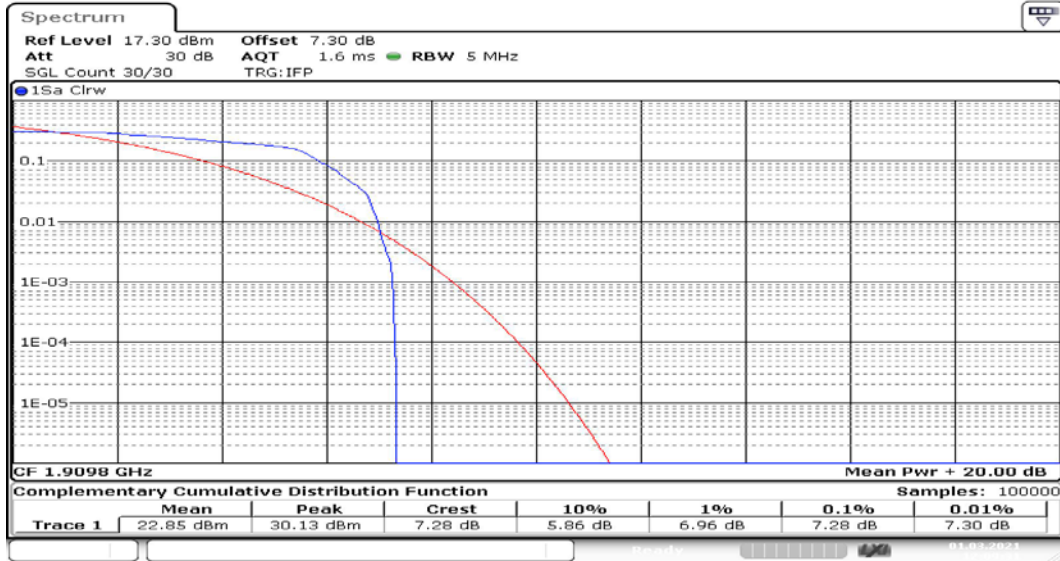
EDGE (8PSK) MODE:



Channel 512



Channel 661



Date: 1.MAR.2021 12:09:32

Channel 810

## 8. Effective Radiated Power and Effective Isotropic Radiated Power

### GSM850

GSM Measured Power:

Carrier frequency (MHz)	Channel No.	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
824.2	128	32.91	28.46	0.701
836.4	189	32.95	28.50	0.708
848.8	251	32.92	28.47	0.704

GPRS Measured Power:

Carrier frequency (MHz)	Channel No.	TX Moce	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
824.2	128	4Downlink1uplink	32.93	28.48	0.705
836.4	189		32.96	28.51	0.710
848.8	251		32.93	28.48	0.704
824.2	128	3Downlink2uplink	30.96	26.51	0.448
836.4	189		30.88	26.43	0.439
848.8	251		30.74	26.29	0.426
824.2	128	2Downlink3uplink	29.05	24.60	0.288
836.4	189		29.00	24.55	0.285
848.8	251		28.87	24.42	0.277
824.2	128	1Downlink4uplink	26.71	22.26	0.168
836.4	189		26.68	22.23	0.167
848.8	251		26.61	22.16	0.164

EGPRS (8PSK) Measured Power:

Carrier frequency (MHz)	Channel No.	TX Moce	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
824.2	128	8PSK 4Downlink1uplink	28.25	23.80	0.240
836.4	189		26.74	22.29	0.170
848.8	251		26.32	21.87	0.154
824.2	128	8PSK 3Downlink2uplink	26.15	21.70	0.148
836.4	189		27.88	23.43	0.220
848.8	251		26.11	21.66	0.147
824.2	128	8PSK 2Downlink3uplink	24.65	20.20	0.105
836.4	189		25.08	20.63	0.116
848.8	251		24.68	20.23	0.105
824.2	128	8PSK 1Downlink4uplink	24.36	19.91	0.098
836.4	189		23.27	18.82	0.076
848.8	251		23.59	19.14	0.082

**PCS1900**

GSM Measured Power:

Carrier frequency (MHz)	Channel No.	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
1850.2	512	29.98	28.98	0.790
1880	661	29.84	28.84	0.765
1909.8	810	29.96	28.96	0.786

GPRS Measured Power:

Carrier frequency (MHz)	Channel No.	TX Moce	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
1850.2	512	4Downlink1uplink	29.99	28.99	0.792
1880	661		29.84	28.84	0.765
1909.8	810		29.96	28.96	0.787
1850.2	512	3Downlink2uplink	27.56	26.56	0.453
1880	661		27.22	26.22	0.419
1909.8	810		27.19	26.19	0.416
1850.2	512	2Downlink3uplink	25.96	24.96	0.313
1880	661		25.58	24.58	0.287
1909.8	810		25.54	24.54	0.284
1850.2	512	1Downlink4uplink	23.95	22.95	0.197
1880	661		23.64	22.64	0.184
1909.8	810		23.59	22.59	0.181

EGPRS (8PSK) Measured Power:

Carrier frequency (MHz)	Channel No.	TX Moce	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
1850.2	512	8PSK 4Downlink1uplink	27.59	26.59	0.456
1880	661		27.83	26.83	0.482
1909.8	810		27.42	26.42	0.439
1850.2	512	8PSK 3Downlink2uplink	26.51	25.51	0.356
1880	661		26.72	25.72	0.373
1909.8	810		26.28	25.28	0.338
1850.2	512	8PSK 2Downlink3uplink	23.49	22.49	0.177
1880	661		24.13	23.13	0.205
1909.8	810		23.91	22.91	0.195
1850.2	512	8PSK 1Downlink4uplink	20.84	19.84	0.096
1880	661		22.03	21.03	0.127
1909.8	810		21.72	20.72	0.118



## APPENDIX B – TEST DATA OF RADIATED EMISSION

### 850 Test result:

Test result:

GSM/GPRS MODE Channel 128:

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.75	-52.55	-13	Vertical
1665.29	-50.88	-13	Vertical
2532.47	-43.98	-13	Vertical
2578.91	-43.71	-13	Vertical
8963.81	-39.07	-13	Vertical
9973.51	-36.36	-13	Vertical

EDGE (8PSK) MODE Channel 128:

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1646.53	-53.18	-13	Vertical
1668.38	-51.22	-13	Vertical
2533.90	-43.98	-13	Vertical
2578.18	-43.73	-13	Vertical
8962.61	-39.09	-13	Vertical
9970.46	-36.26	-13	Vertical

GSM/GPRS MODE Channel 189:

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1646.71	-53.44	-13	Vertical
1667.97	-51.39	-13	Vertical
2532.51	-44.76	-13	Vertical
2577.75	-43.74	-13	Vertical
8961.18	-39.18	-13	Vertical
9972.85	-36.29	-13	Vertical

EDGE (8PSK) MODE Channel 189:

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1649.09	-53.11	-13	Vertical
1667.49	-50.93	-13	Vertical
2534.41	-44.12	-13	Vertical
2576.24	-43.87	-13	Vertical
8964.04	-39.76	-13	Vertical
9972.78	-36.35	-13	Vertical

**GSM/GPRS MODE Channel 251:**

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1646.74	-53.20	-13	Vertical
1666.47	-51.23	-13	Vertical
2535.23	-44.69	-13	Vertical
2575.85	-44.00	-13	Vertical
8964.04	-39.07	-13	Vertical
9971.74	-36.73	-13	Vertical

**EDGE (8PSK) MODE Channel 251:**

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.64	-52.66	-13	Vertical
1665.17	-50.99	-13	Vertical
2533.80	-44.69	-13	Vertical
2579.20	-44.57	-13	Vertical
8963.15	-39.61	-13	Vertical
9973.19	-36.16	-13	Vertical

**1900:**

Test result:

**GSM/GPRS MODE Channel 512**

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2461.46	-49.46	-13	Vertical
2781.40	-47.71	-13	Vertical
3725.43	-41.32	-13	Vertical
6675.59	-39.71	-13	Vertical
9960.64	-36.92	-13	Vertical
17819.53	-33.77	-13	Vertical

**EDGE (8PSK) MODE Channel 512:**

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2459.85	-48.75	-13	Vertical
2779.13	-47.06	-13	Vertical
3725.71	-40.45	-13	Vertical
6675.11	-39.85	-13	Vertical
9960.70	-37.38	-13	Vertical
17820.63	-34.26	-13	Vertical



GSM/GPRS MODE Channel 661:

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2458.81	-49.19	-13	Vertical
2778.61	-47.37	-13	Vertical
3725.63	-41.33	-13	Vertical
6676.30	-40.02	-13	Vertical
9960.21	-37.38	-13	Vertical
17819.71	-33.86	-13	Vertical

EDGE (8PSK) MODE Channel 661:

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.33	-48.57	-13	Vertical
2779.16	-46.88	-13	Vertical
3726.41	-41.07	-13	Vertical
6678.83	-40.09	-13	Vertical
9962.17	-37.03	-13	Vertical
17820.85	-33.47	-13	Vertical

GSM/GPRS MODE Channel 810:

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.57	-49.21	-13	Vertical
2781.88	-47.64	-13	Vertical
3725.74	-41.10	-13	Vertical
6675.73	-39.42	-13	Vertical
9962.73	-37.63	-13	Vertical
17818.55	-33.90	-13	Vertical

EDGE (8PSK) MODE Channel 810:

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2459.12	-48.66	-13	Vertical
2779.19	-47.54	-13	Vertical
3725.42	-40.96	-13	Vertical
6674.94	-40.03	-13	Vertical
9961.98	-36.93	-13	Vertical
17820.66	-34.08	-13	Vertical

---End of Test Report---