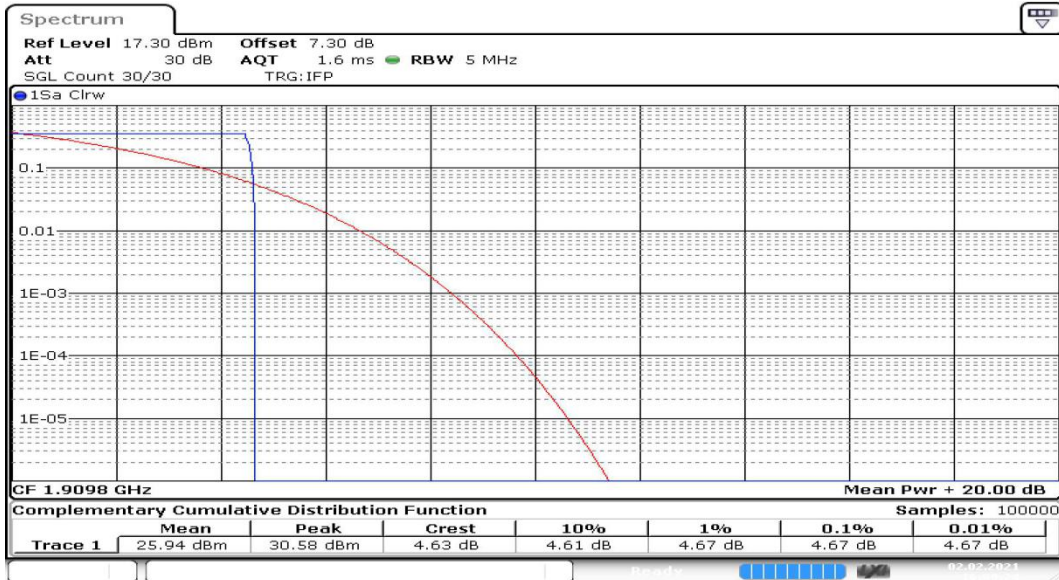
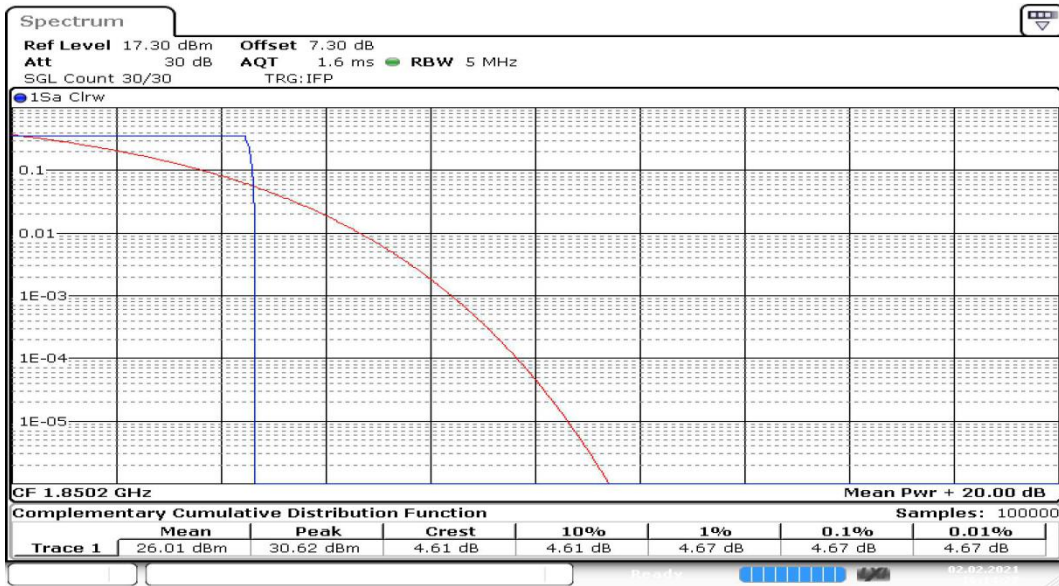


Channel 661

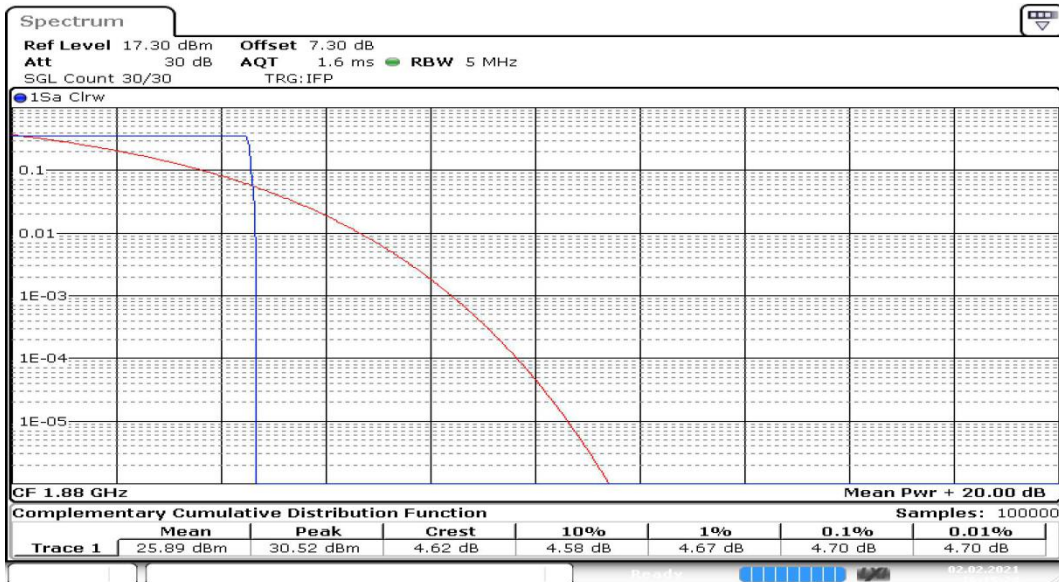


Channel 810

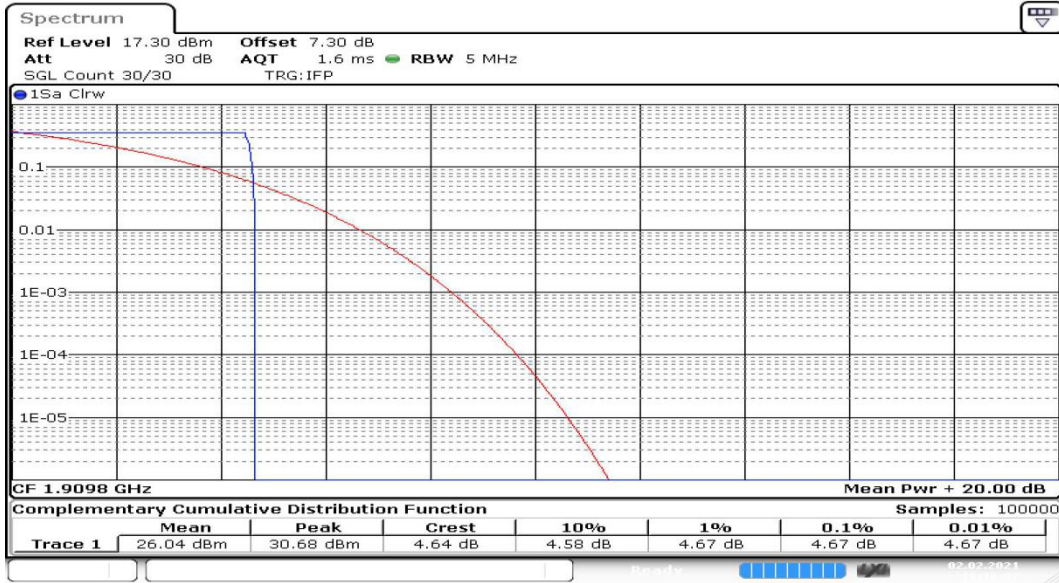
GPRS MODE:



Channel 512

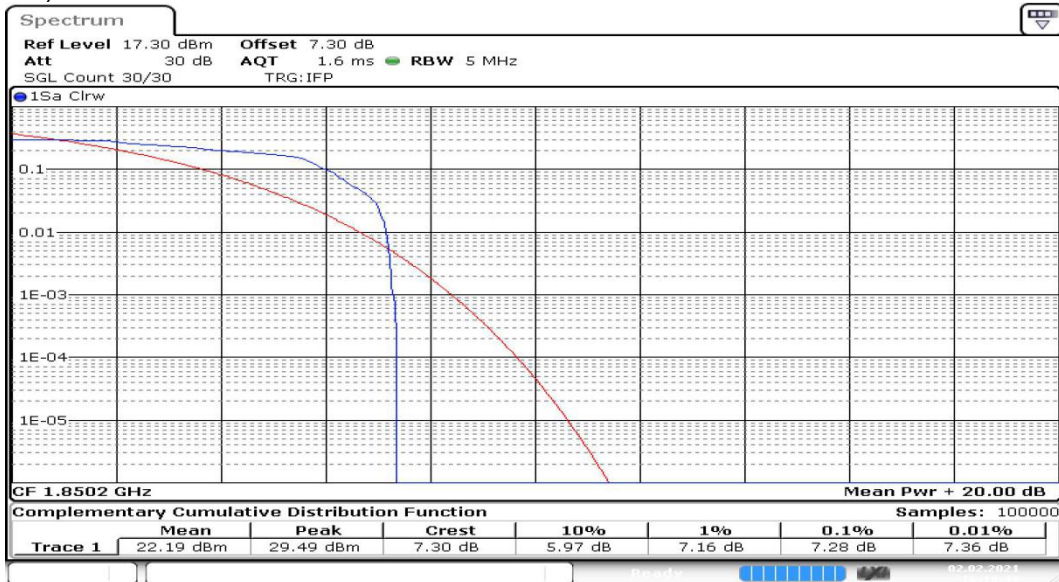


Channel 661

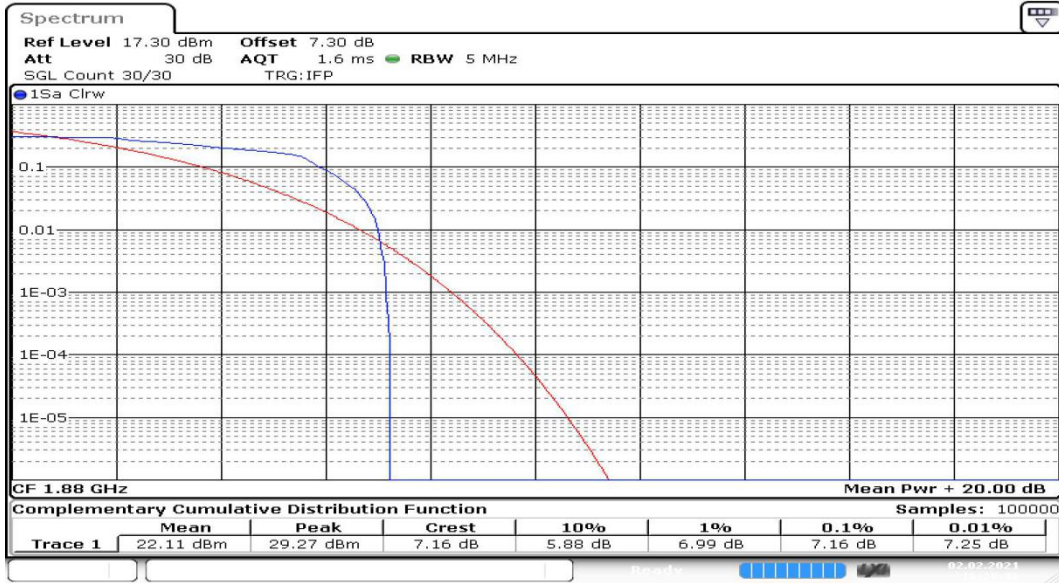


Channel 810

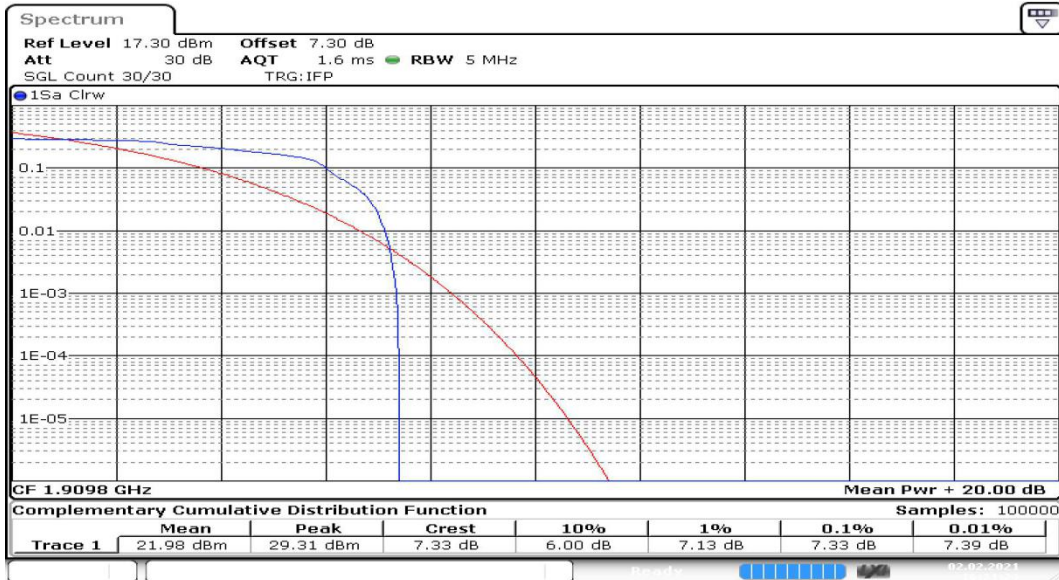
EDGE (8PSK) MODE:



Channel 512



Channel 661



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	33.47	30.38	1.091
836.4	189	33.44	30.35	1.084
848.8	251	33.40	30.31	1.074

GPRS Measured Power:

Carrier frequency (MHz)	Channel No.	TX Moce	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
824.2	128	4Downlink1uplink	33.47	30.38	1.092
836.4	189		33.43	30.34	1.082
848.8	251		33.39	30.30	1.071
824.2	128	3Downlink2uplink	31.38	28.29	0.674
836.4	189		31.29	28.20	0.661
848.8	251		31.16	28.07	0.641
824.2	128	2Downlink3uplink	29.48	26.39	0.435
836.4	189		29.38	26.29	0.426
848.8	251		29.27	26.18	0.415
824.2	128	1Downlink4uplink	27.31	24.22	0.264
836.4	189		27.23	24.14	0.259
848.8	251		27.14	24.05	0.254

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	26.42	23.33	0.215
836.4	189		26.89	23.80	0.240
848.8	251		26.37	23.28	0.213
824.2	128	8PSK 3Downlink2uplink	26.23	23.14	0.206
836.4	189		26.69	23.60	0.229
848.8	251		27.86	24.77	0.300
824.2	128	8PSK 2Downlink3uplink	24.78	21.69	0.148
836.4	189		25.23	22.14	0.164
848.8	251		24.70	21.61	0.145
824.2	128	8PSK 1Downlink4uplink	23.89	20.80	0.120
836.4	189		25.09	22.00	0.158
848.8	251		23.75	20.66	0.116

PCS1900

GSM Measured Power:

Carrier frequency (MHz)	Channel No.	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
1850.2	512	30.32	29.61	0.914
1880	661	30.29	29.58	0.908
1909.8	810	30.27	29.56	0.903

GPRS Measured Power:

Carrier frequency (MHz)	Channel No.	TX Moce	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
1850.2	512	4Downlink1uplink	30.30	29.59	0.910
1880	661		30.29	29.58	0.908
1909.8	810		30.25	29.54	0.900
1850.2	512	3Downlink2uplink	28.10	27.39	0.548
1880	661		27.89	27.18	0.523
1909.8	810		27.75	27.04	0.506
1850.2	512	2Downlink3uplink	26.49	25.78	0.379
1880	661		26.28	25.57	0.360
1909.8	810		26.11	25.40	0.346
1850.2	512	1Downlink4uplink	24.40	23.69	0.234
1880	661		24.16	23.45	0.221
1909.8	810		23.95	23.24	0.211

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	26.54	25.83	0.383
1880	661		26.38	25.67	0.369
1909.8	810		26.90	26.19	0.416
1850.2	512	8PSK 3Downlink2uplink	26.38	25.67	0.369
1880	661		26.21	25.50	0.355
1909.8	810		26.70	25.99	0.398
1850.2	512	8PSK 2Downlink3uplink	24.46	23.75	0.237
1880	661		24.26	23.55	0.227
1909.8	810		24.66	23.95	0.248
1850.2	512	8PSK 1Downlink4uplink	22.75	22.04	0.160
1880	661		22.98	22.27	0.169
1909.8	810		23.22	22.51	0.178

APPENDIX B – TEST DATA OF RADIATED EMISSION

Radiated Spurious Emissions

850 Test result:

GSM/GPRS MODE Channel 128:

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1646.97	-52.57	-13	Vertical
1666.73	-51.82	-13	Vertical
2534.88	-43.14	-13	Vertical
2575.31	-42.90	-13	Vertical
8963.57	-39.96	-13	Vertical
9969.96	-35.96	-13	Vertical

EDGE (8PSK) MODE Channel 128:

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.07	-52.43	-13	Vertical
1665.10	-51.28	-13	Vertical
2535.94	-43.82	-13	Vertical
2577.34	-43.22	-13	Horizontal
8965.44	-39.52	-13	Vertical
9970.87	-35.73	-13	Vertical

GSM/GPRS MODE Channel 189:

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1650.32	-51.93	-13	Vertical
1667.85	-51.73	-13	Vertical
2534.02	-43.92	-13	Horizontal
2576.44	-43.00	-13	Vertical
8962.21	-39.23	-13	Vertical
9969.07	-35.85	-13	Vertical

EDGE (8PSK) MODE Channel 189:

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1648.31	-52.11	-13	Vertical
1665.66	-51.49	-13	Vertical
2532.16	-43.98	-13	Vertical
2575.10	-42.63	-13	Vertical
8965.02	-39.80	-13	Horizontal
9970.35	-35.33	-13	Vertical

GSM/GPRS MODE Channel 251:

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1650.21	-52.56	-13	Vertical
1664.56	-51.48	-13	Vertical
2533.38	-43.21	-13	Vertical
2574.61	-43.15	-13	Horizontal
8964.71	-39.34	-13	Vertical
9970.55	-35.17	-13	Vertical

EDGE (8PSK) MODE Channel 251:

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1648.87	-52.46	-13	Vertical
1666.27	-51.14	-13	Horizontal
2534.07	-43.86	-13	Vertical
2574.14	-42.93	-13	Vertical
8963.57	-39.42	-13	Vertical
9969.26	-35.60	-13	Vertical

1900 Test result:

GSM/GPRS MODE Channel 512

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2456.07	-52.94	-13	Vertical
2778.23	-52.13	-13	Vertical
3730.47	-43.78	-13	Vertical
6679.61	-43.11	-13	Vertical
9964.14	-39.98	-13	Vertical
17824.04	-35.35	-13	Vertical

EDGE (8PSK) MODE Channel 512:

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2456.70	-52.85	-13	Vertical
2780.20	-51.84	-13	Vertical
3728.69	-43.35	-13	Vertical
6677.90	-43.06	-13	Horizontal
9963.33	-40.05	-13	Vertical
17822.70	-36.09	-13	Vertical

GSM/GPRS MODE Channel 661:

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2453.50	-52.78	-13	Vertical
2779.07	-52.21	-13	Vertical
3729.26	-44.00	-13	Vertical
6677.33	-43.60	-13	Vertical
9961.53	-39.54	-13	Horizontal
17820.85	-35.28	-13	Vertical

EDGE (8PSK) MODE Channel 661:

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2456.55	-52.97	-13	Vertical
2779.12	-51.81	-13	Vertical
3728.10	-43.49	-13	Horizontal
6679.25	-43.72	-13	Vertical
9962.57	-40.27	-13	Vertical
17821.31	-35.22	-13	Vertical

GSM/GPRS MODE Channel 810:

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2454.53	-52.73	-13	Vertical
2781.45	-51.42	-13	Vertical
3729.10	-43.34	-13	Horizontal
6678.82	-43.39	-13	Horizontal
9962.75	-39.81	-13	Vertical
17822.44	-36.01	-13	Vertical

EDGE (8PSK) MODE Channel 810:

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2455.20	-53.74	-13	Vertical
2780.57	-51.86	-13	Vertical
3728.73	-74.20	-13	Vertical
6678.11	-63.84	-13	Vertical
9964.51	-57.82	-13	Horizontal
17821.11	-47.08	-13	Vertical

---The end of the test report---