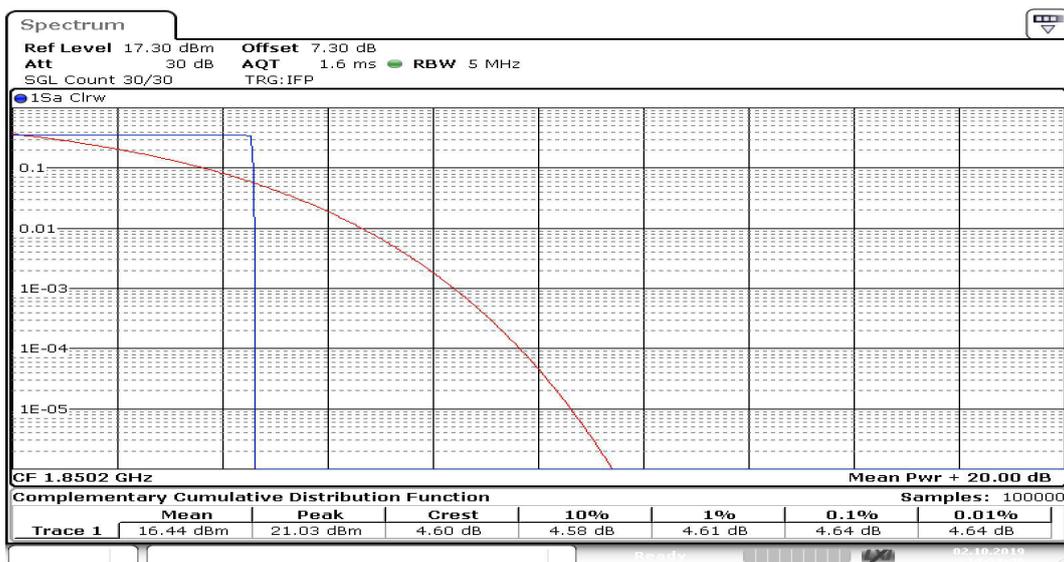


Date: 20.NOV.2020 13:04:46

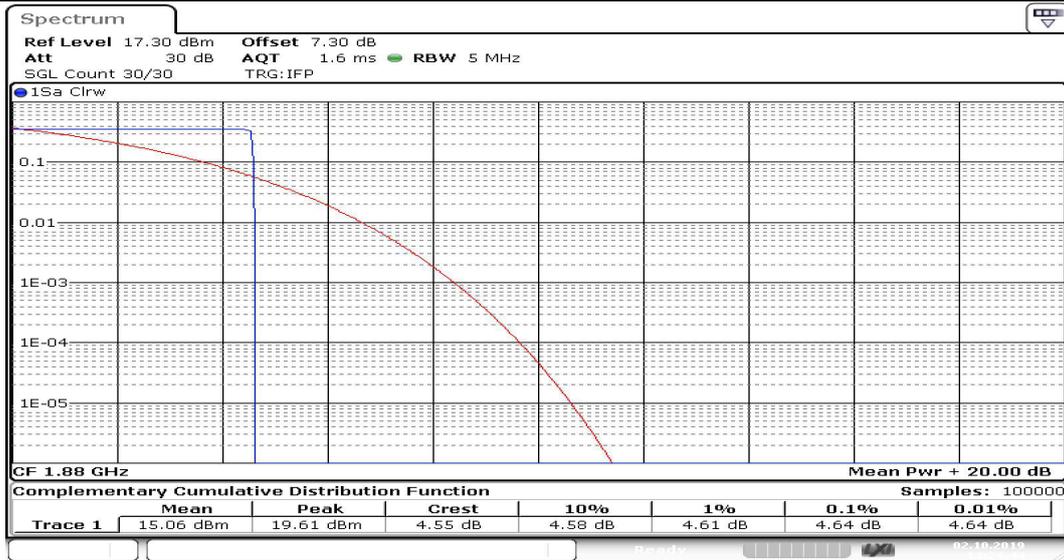
Channel 251

PCS1900
GSM MODE:

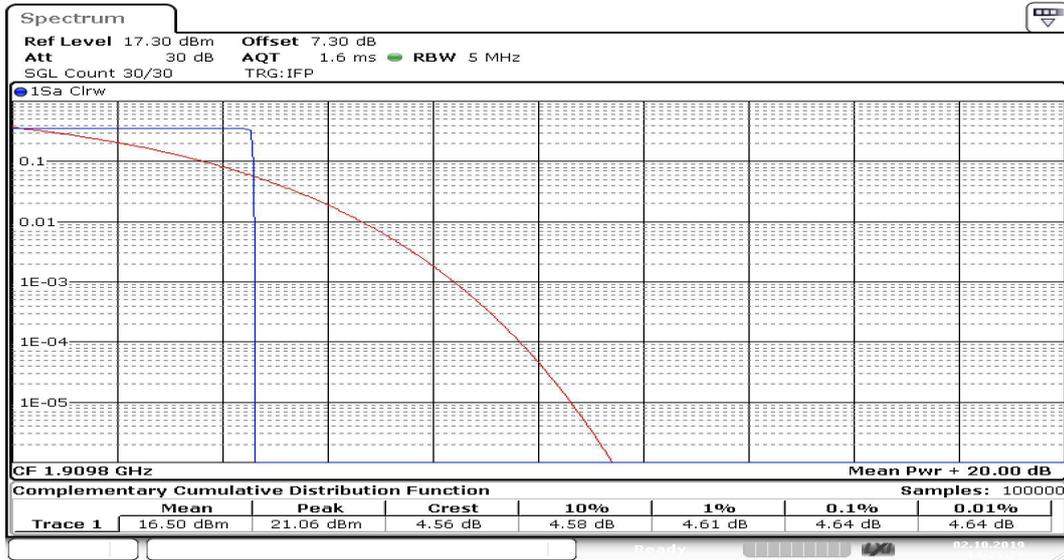


Date: 2.OCT.2019 14:23:40

Channel 512

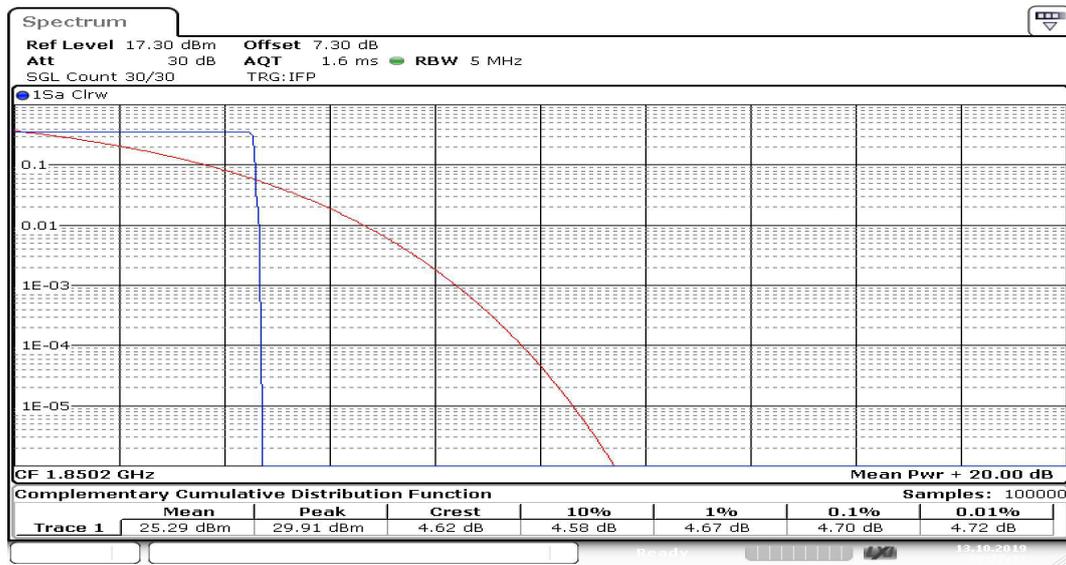


Channel 661



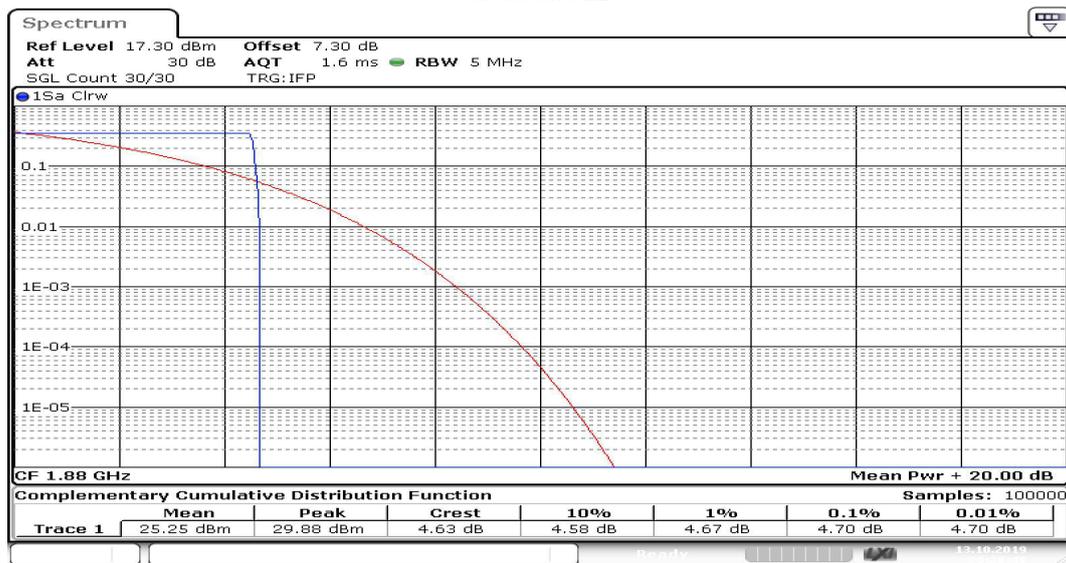
Channel 810

GPRS MODE:



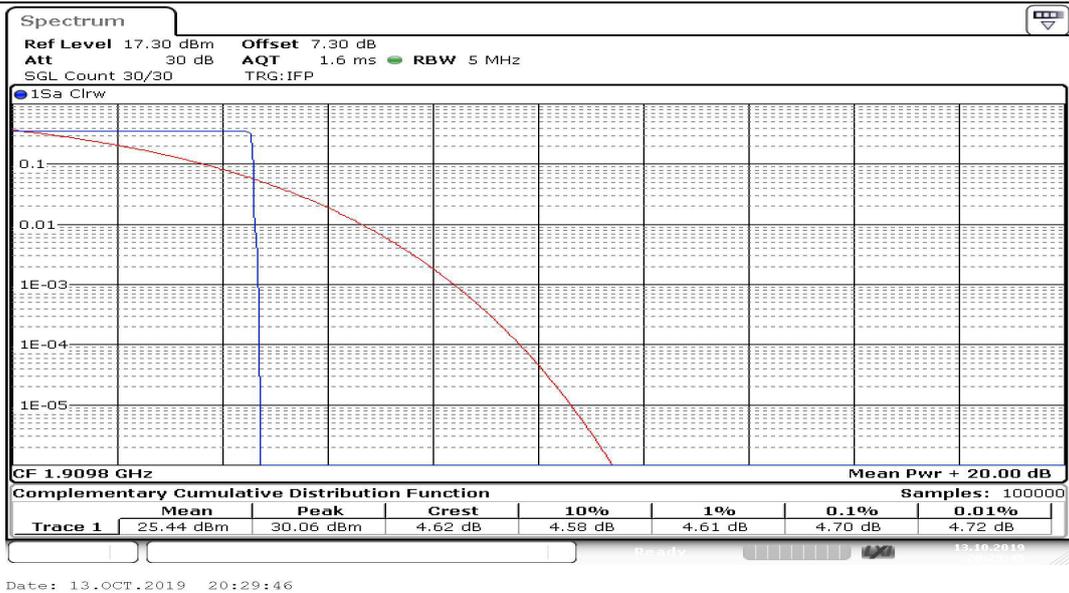
Date: 13.OCT.2019 20:27:33

Channel 512



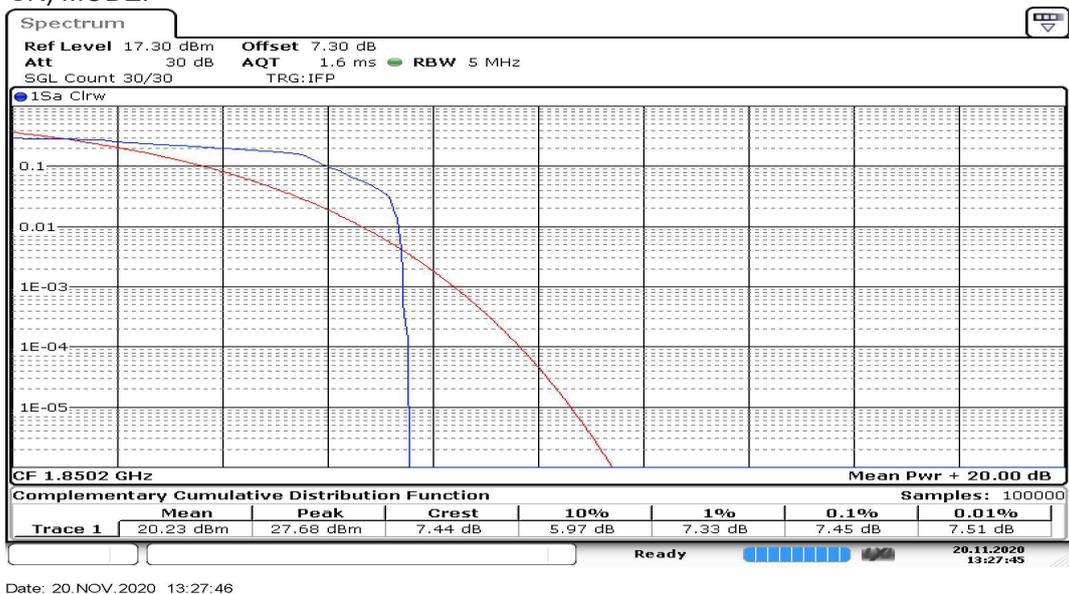
Date: 13.OCT.2019 20:28:49

Channel 661

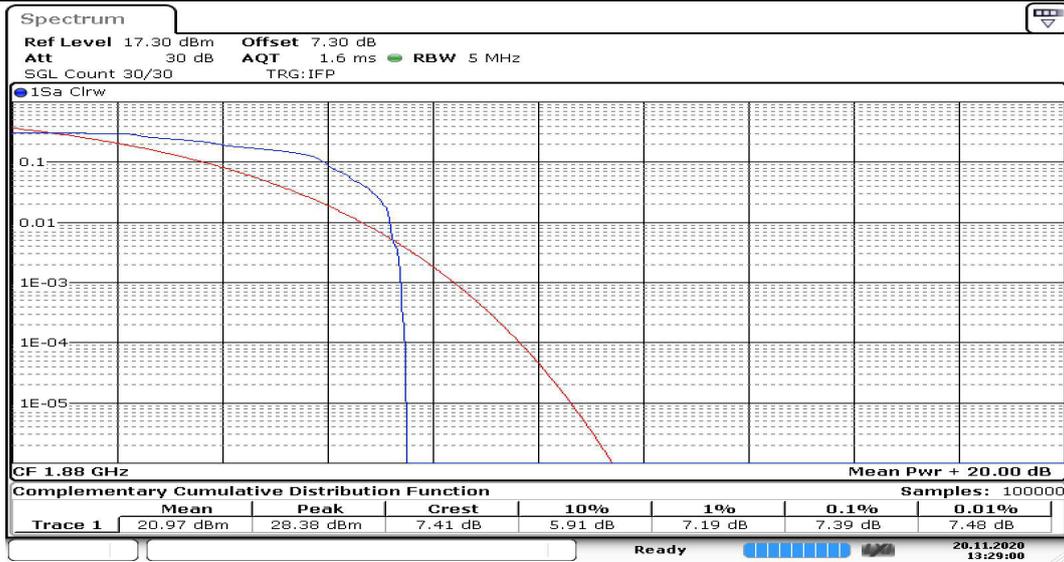


Channel 810

EDGE (8PSK) MODE:

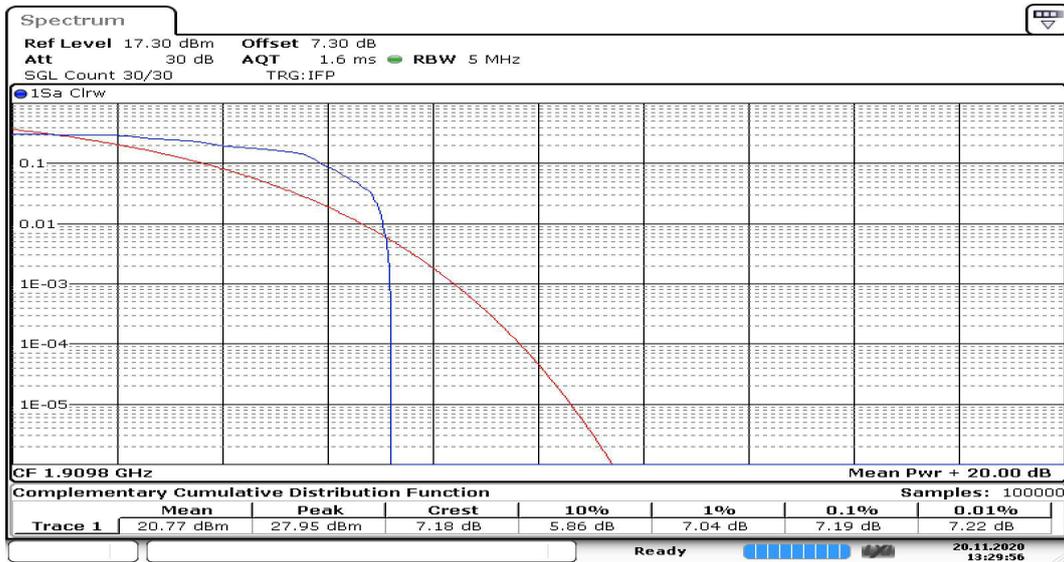


Channel 512



Date: 20.NOV.2020 13:29:00

Channel 661



Date: 20.NOV.2020 13:29:56

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	33.15	30.46	1.112
836.4	189	33.10	30.41	1.099
848.8	251	33.04	30.35	1.084

GPRS Measured Power:

Carrier frequency (MHz)	Channel No.	TX Mode	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
824.2	128	4Downlink1uplink	33.00	30.31	1.074
836.4	189		32.91	30.22	1.052
848.8	251		32.74	30.05	1.012
824.2	128	3Downlink2uplink	32.90	30.21	1.050
836.4	189		32.81	30.12	1.028
848.8	251		32.65	29.96	0.991
824.2	128	2Downlink3uplink	32.79	30.10	1.023
836.4	189		32.73	30.04	1.009
848.8	251		32.56	29.87	0.971
824.2	128	1Downlink4uplink	30.60	27.91	0.618
836.4	189		30.51	27.82	0.605
848.8	251		30.35	27.66	0.583

EGPRS (8PSK) Measured Power:

Carrier frequency (MHz)	Channel No.	TX Mode	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
824.2	128	8PSK 4Downlink1uplink	25.15	22.46	0.176
836.4	189		25.23	22.54	0.179
848.8	251		25.09	22.40	0.174
824.2	128	8PSK 3Downlink2uplink	25.07	22.38	0.173
836.4	189		25.14	22.45	0.176
848.8	251		25.02	22.33	0.171
824.2	128	8PSK 2Downlink3uplink	23.87	21.18	0.131
836.4	189		23.96	21.27	0.134
848.8	251		23.79	21.10	0.129
824.2	128	8PSK 1Downlink4uplink	20.89	18.20	0.066
836.4	189		20.78	18.09	0.064
848.8	251		20.92	18.23	0.067

PCS1900

GSM Measured Power:

Carrier frequency (MHz)	Channel No.	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
1850.2	512	29.85	30.92	1.236
1880	661	29.84	30.91	1.233
1909.8	810	29.87	30.94	1.242

GPRS Measured Power:

Carrier frequency (MHz)	Channel No.	TX Mode	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
1850.2	512	4Downlink1uplink	29.68	30.75	1.189
1880	661		29.40	30.47	1.114
1909.8	810		29.77	30.84	1.213
1850.2	512	3Downlink2uplink	29.59	30.66	1.164
1880	661		29.29	30.36	1.086
1909.8	810		29.64	30.71	1.178
1850.2	512	2Downlink3uplink	29.51	30.58	1.143
1880	661		29.22	30.29	1.069
1909.8	810		29.52	30.59	1.146
1850.2	512	1Downlink4uplink	27.49	28.56	0.718
1880	661		26.96	28.03	0.635
1909.8	810		26.85	27.92	0.619

EGPRS (8PSK) Measured Power:

Carrier frequency (MHz)	Channel No.	TX Mode	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
1850.2	512	8PSK	25.22	26.29	0.426
1880.0	661	4Downlink1uplink	25.08	26.15	0.412
1909.8	810		24.99	26.06	0.404
1850.2	512		8PSK	25.05	26.12
1880.0	661	3Downlink2uplink	25.19	26.26	0.423
1909.8	810		25.00	26.07	0.405
1850.2	512		8PSK	23.15	24.22
1880.0	661	2Downlink3uplink	23.45	24.52	0.283
1909.8	810		23.03	24.10	0.257
1850.2	512		8PSK	21.13	22.20
1880.0	661	1Downlink4uplink	21.09	22.16	0.164
1909.8	810		20.85	21.92	0.156

APPENDIX B – TEST DATA OF RADIATED EMISSION

Radiated Spurious Emissions

850 Test result:

Test result:

GSM/GPRS MODE Channel 128:

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1650.00	-53.19	-13	Vertical
1666.42	-51.52	-13	Vertical
2534.32	-44.02	-13	Vertical
2577.29	-44.44	-13	Vertical
8963.27	-39.49	-13	Vertical
9969.64	-36.02	-13	Vertical

EDGE (8PSK) MODE Channel 128:

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1649.20	-52.74	-13	Vertical
1667.99	-51.30	-13	Vertical
2535.69	-44.81	-13	Vertical
2577.03	-43.79	-13	Vertical
8962.99	-39.26	-13	Vertical
9969.68	-35.88	-13	Vertical

GSM/GPRS MODE Channel 189:

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.81	-52.51	-13	Vertical
1668.26	-51.42	-13	Vertical
2533.87	-43.95	-13	Vertical
2575.92	-44.26	-13	Vertical
8961.19	-39.87	-13	Vertical
9971.09	-36.05	-13	Vertical

EDGE (8PSK) MODE Channel 189:

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1649.16	-53.27	-13	Vertical
1665.07	-51.28	-13	Vertical
2534.17	-44.67	-13	Vertical
2579.03	-44.42	-13	Vertical
8964.08	-39.43	-13	Vertical
9971.16	-36.66	-13	Vertical

GSM/GPRS MODE Channel 251:

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.76	-52.89	-13	Vertical
1667.69	-50.77	-13	Vertical
2536.12	-43.97	-13	Vertical
2575.95	-43.99	-13	Vertical
8960.84	-40.00	-13	Vertical
9971.63	-36.31	-13	Vertical

EDGE (8PSK) MODE Channel 251:

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.51	-53.40	-13	Vertical
1665.35	-50.96	-13	Vertical
2535.84	-44.01	-13	Vertical
2576.23	-44.12	-13	Vertical
8964.30	-39.76	-13	Vertical
9973.24	-36.76	-13	Vertical

1900 Test result:

Test result:

GSM/GPRS MODE Channel 512

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2459.03	-48.65	-13	Vertical
2779.25	-47.04	-13	Vertical
3728.17	-40.82	-13	Vertical
6678.08	-39.84	-13	Vertical
9960.16	-36.87	-13	Vertical
17819.09	-34.33	-13	Vertical

EDGE (8PSK) MODE Channel 512:

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2461.33	-48.85	-13	Vertical
2780.21	-47.22	-13	Vertical
3726.04	-40.90	-13	Vertical
6677.12	-39.71	-13	Vertical
9959.54	-37.53	-13	Vertical
17821.76	-34.23	-13	Horizontal

GSM/GPRS MODE Channel 661:

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2457.57	-48.69	-13	Vertical
2778.32	-47.47	-13	Vertical
3727.16	-40.46	-13	Vertical
6675.67	-39.19	-13	Vertical
9961.28	-37.45	-13	Vertical
17818.38	-34.26	-13	Vertical

EDGE (8PSK) MODE Channel 661:

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2458.45	-49.21	-13	Vertical
2780.35	-46.89	-13	Vertical
3727.38	-40.65	-13	Vertical
6678.35	-39.27	-13	Vertical
9959.59	-37.26	-13	Vertical
17821.10	-34.10	-13	Vertical

GSM/GPRS MODE Channel 810:

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2457.76	-49.16	-13	Vertical
2780.53	-47.38	-13	Vertical
3726.81	-41.09	-13	Vertical
6675.59	-39.17	-13	Vertical
9961.85	-36.95	-13	Vertical
17820.34	-34.34	-13	Vertical

EDGE (8PSK) MODE Channel 810:

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2459.80	-49.26	-13	Vertical
2780.72	-47.28	-13	Vertical
3727.19	-40.56	-13	Vertical
6678.29	-39.30	-13	Vertical
9962.70	-37.12	-13	Vertical
17820.16	-34.18	-13	Vertical

---End of Test Report---