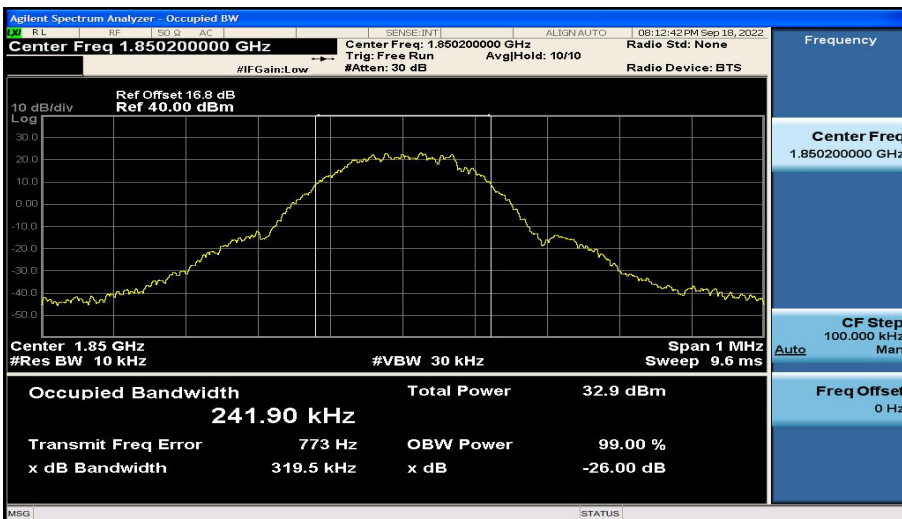


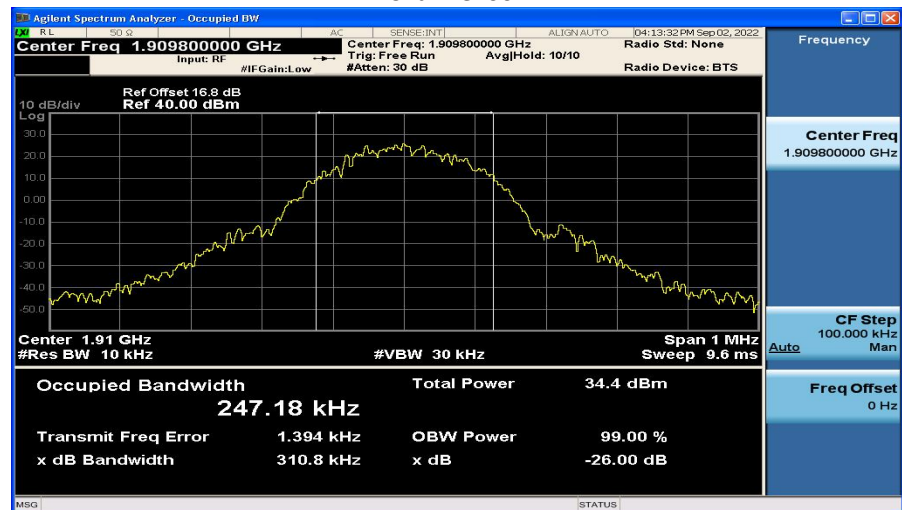
GPRS MODE:



Channel 512



Channel 661

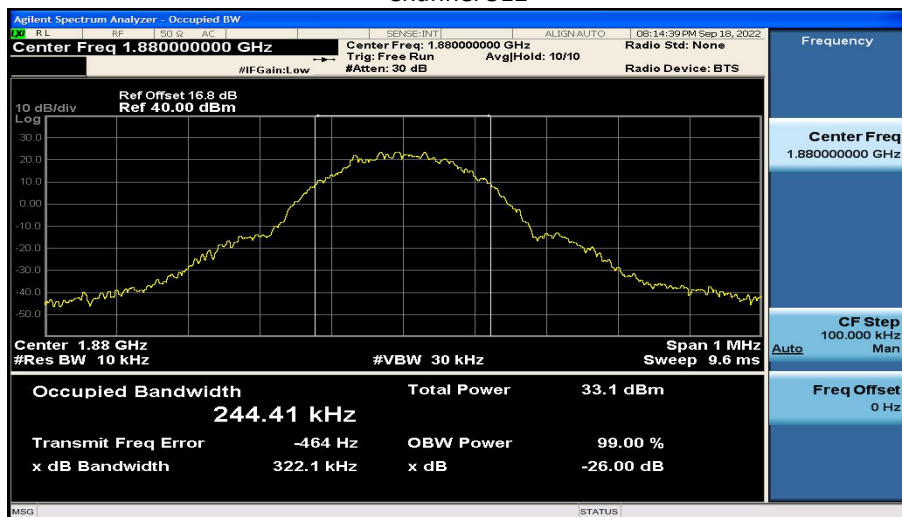


Channel 810

EGPRS (8PSK) MODE:



Channel 512



Channel 661



Channel 810

3. Emission Bandwidth

PCS1900

GSM MODE:

Carrier frequency (MHz)	Channel No.	Bandwidth of -26dB (kHz)
1850.2	512	309.27
1880	661	307.36
1909.8	810	310.49

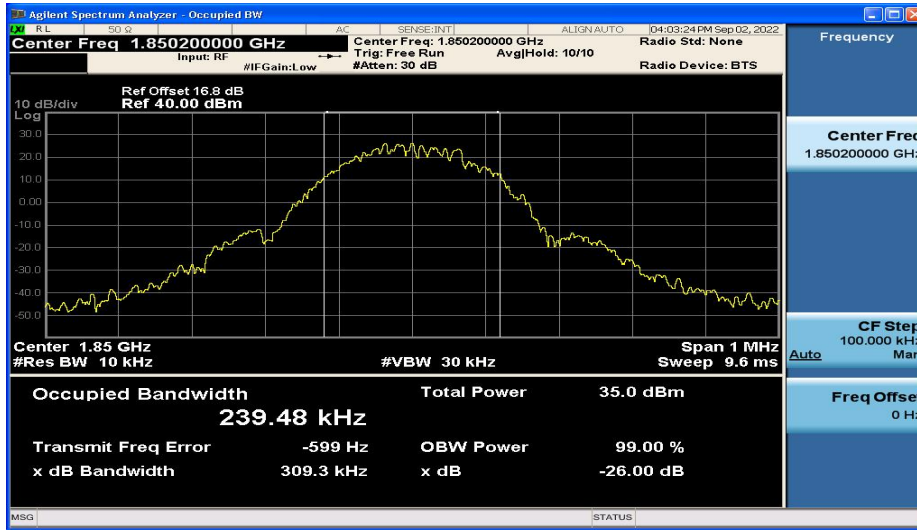
GPRS MODE:

Carrier frequency (MHz)	Channel No.	Bandwidth of -26dB (kHz)
1850.2	512	319.47
1880	661	307.48
1909.8	810	310.77

EGPRS (8PSK) MODE:

Carrier frequency (MHz)	Channel No.	Bandwidth of -26dB (kHz)
1850.2	512	313.36
1880	661	322.10
1909.8	810	300.39

PCS1900
GSM MODE:



Channel 512

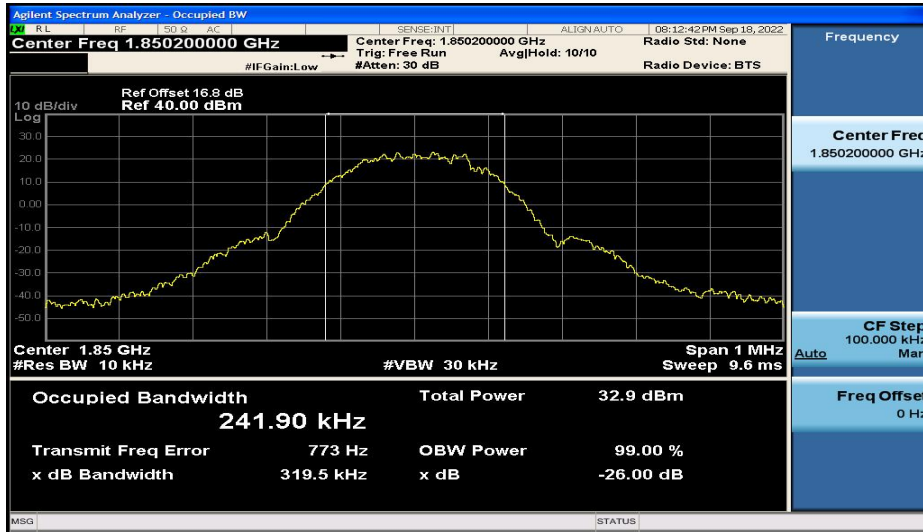


Channel 661

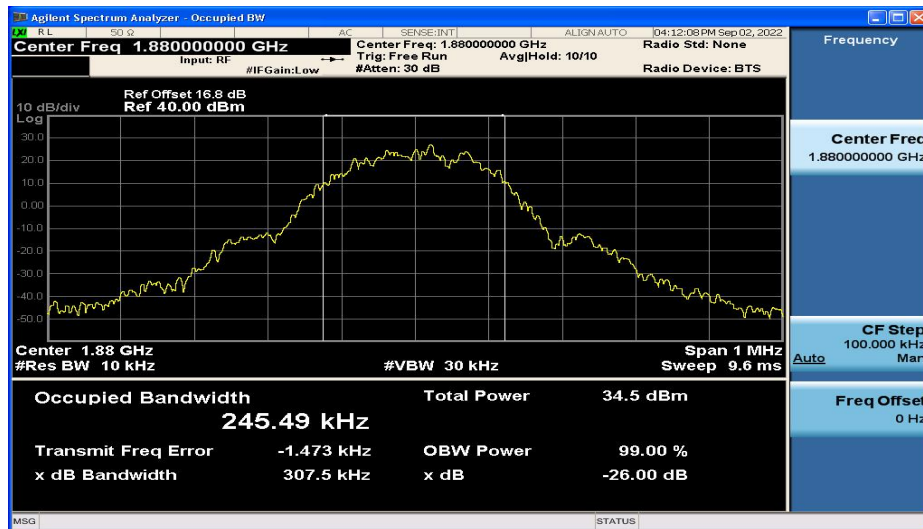


Channel 810

GPRS MODE:



Channel 512

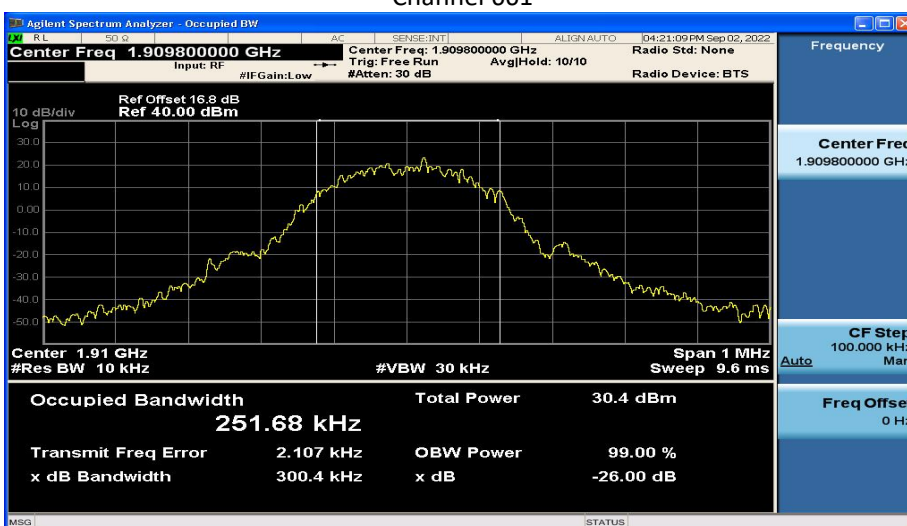
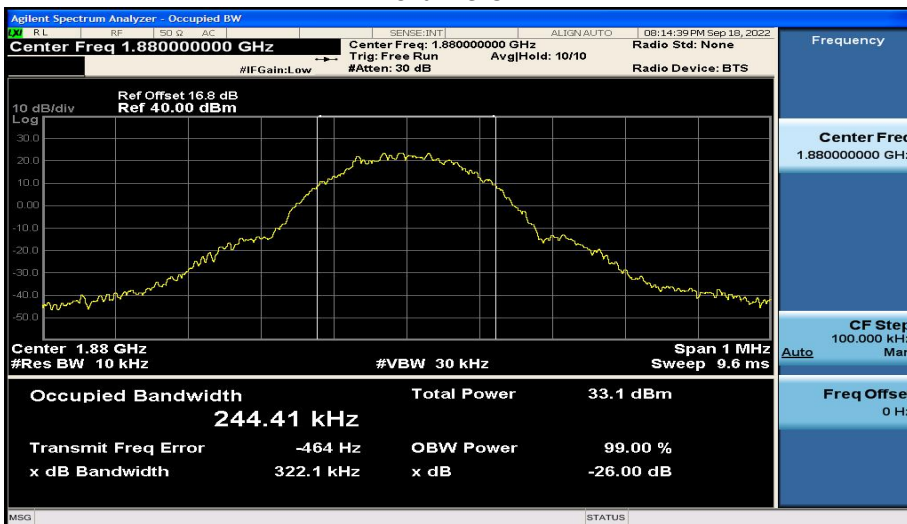
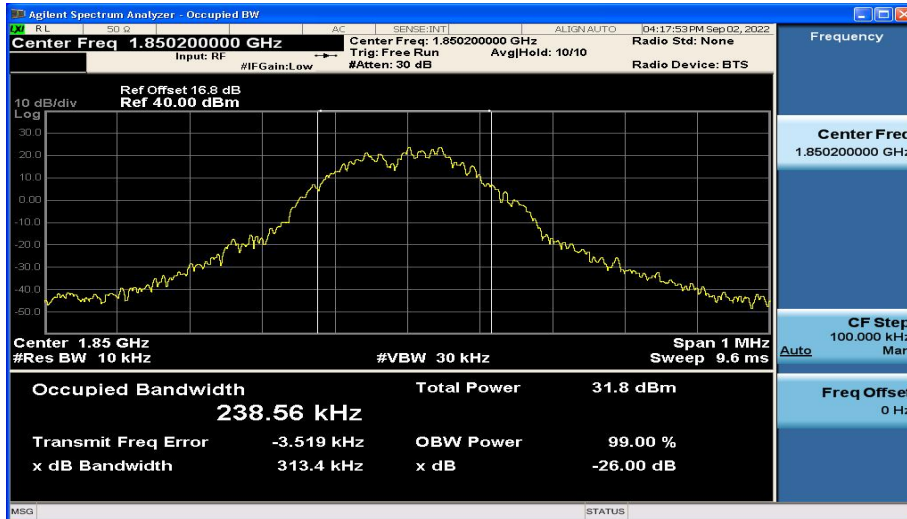


Channel 661



Channel 810

EGPRS (8PSK) MODE:



4. Spurious Emissions at antenna terminal
PCS1900
GSM MODE:



Channel 512



Channel 512



Channel 661



Channel 661



Channel 810



Channel 810

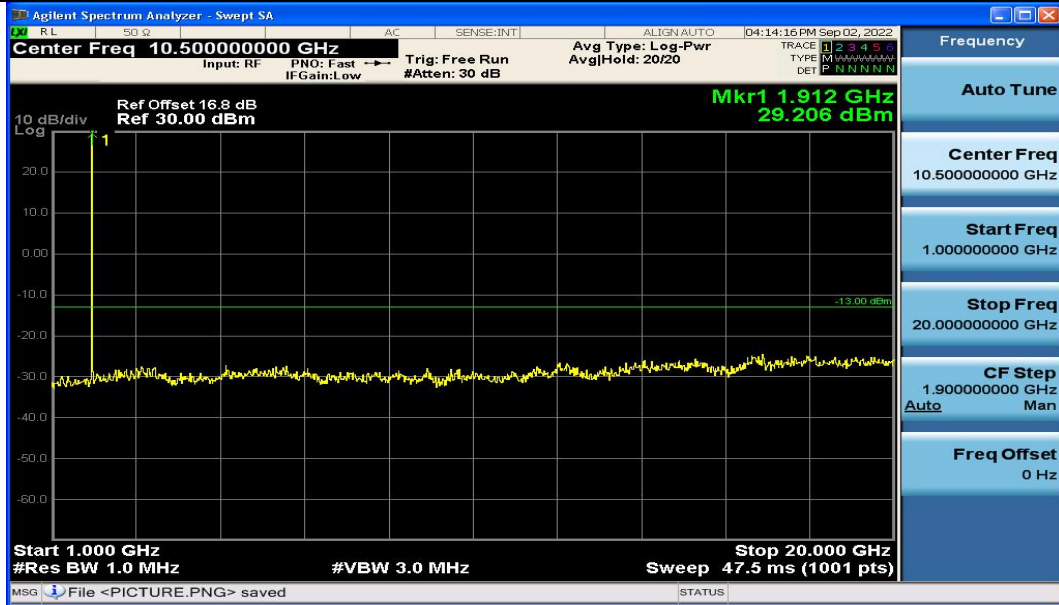
GPRS MODE:



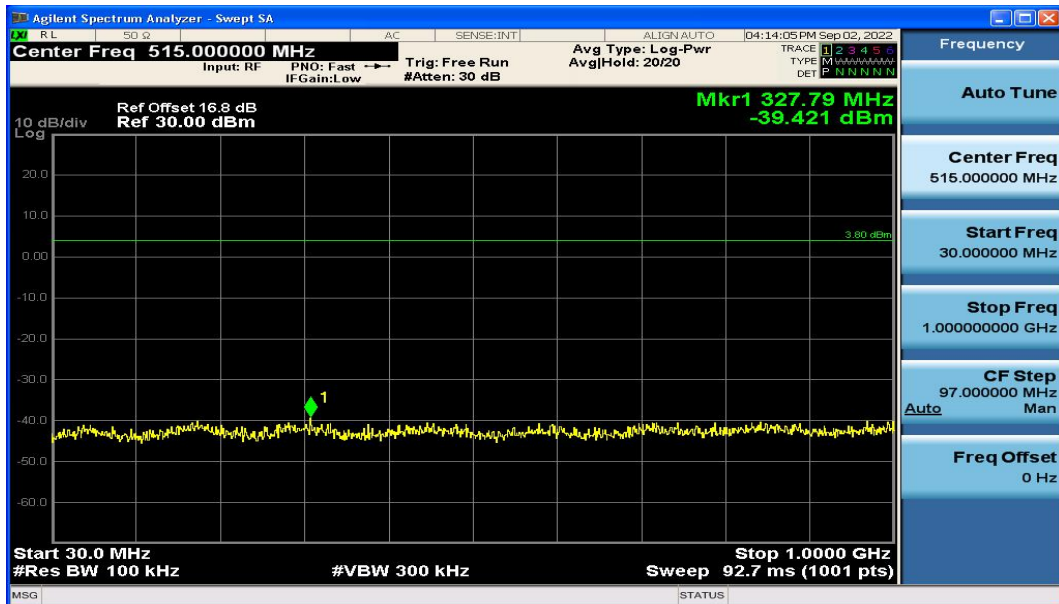
Channel 512



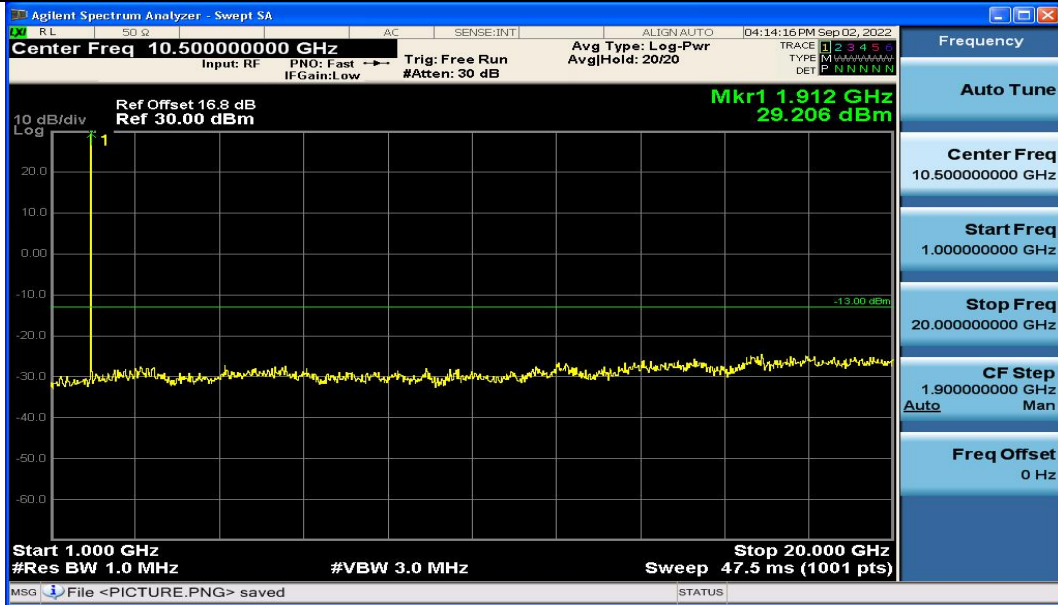
Channel 512



Channel 661



Channel 661



Channel 810



Channel 810

EGPRS (8PSK) MODE:



Channel 512



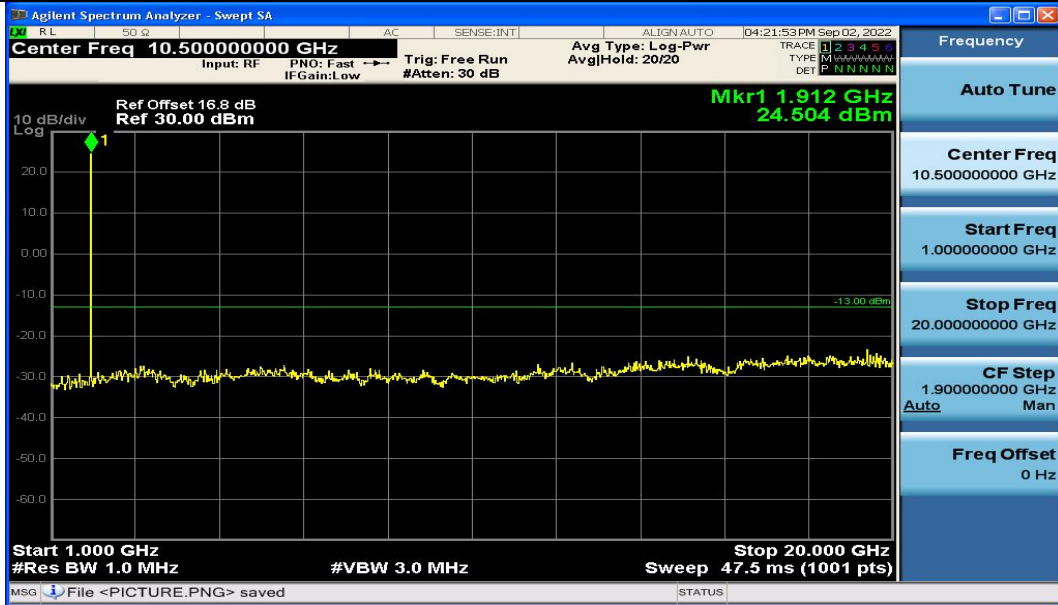
Channel 512



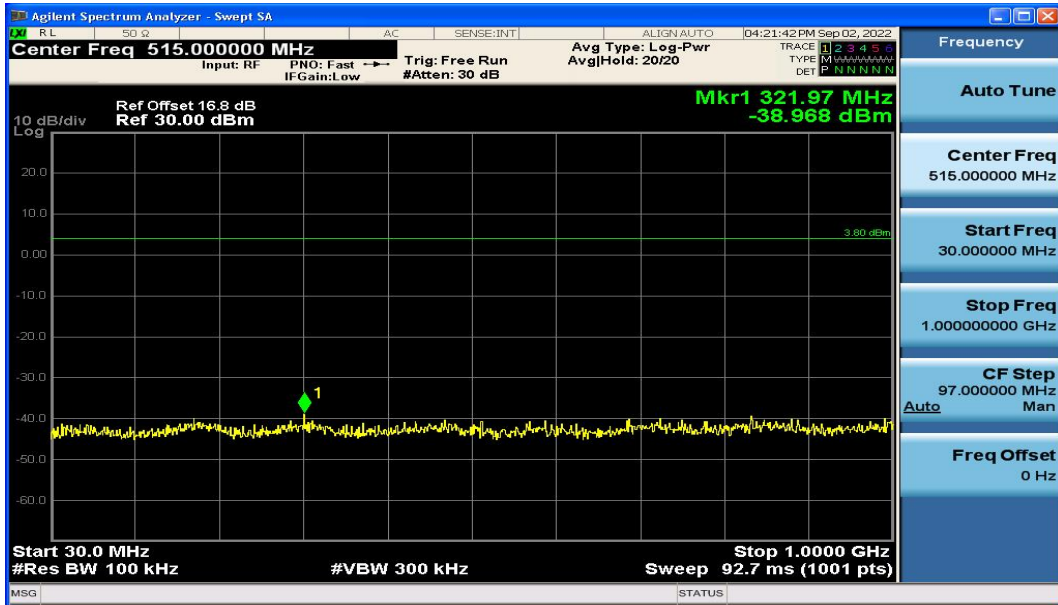
Channel 661



Channel 661

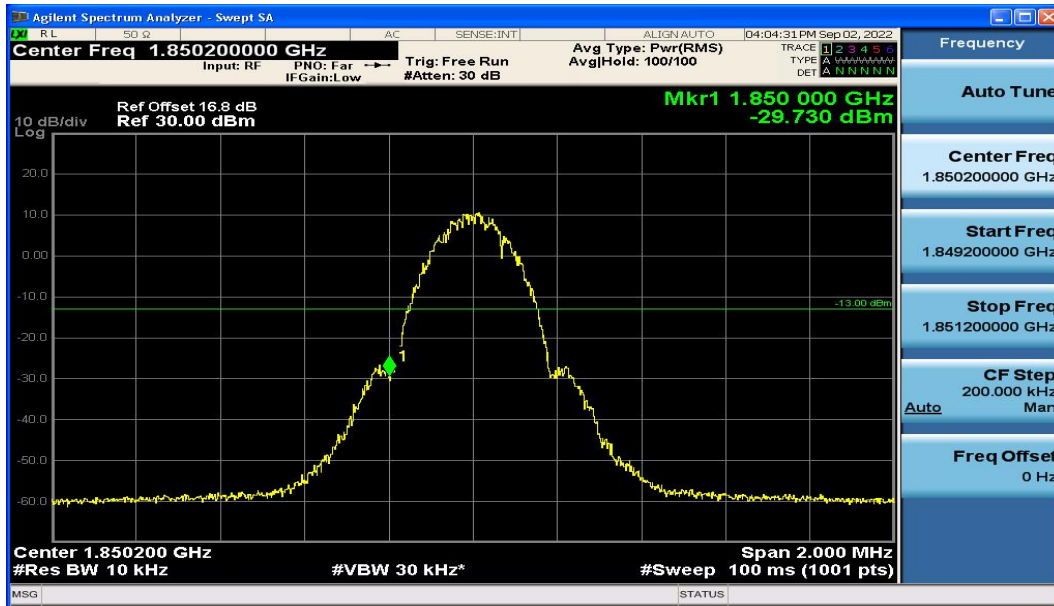


Channel 810

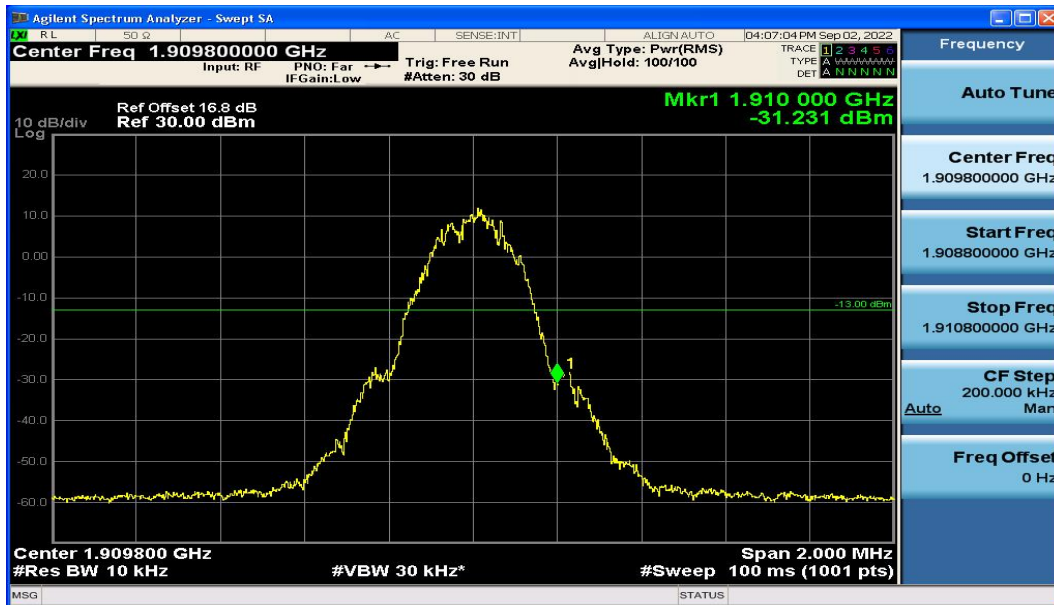


Channel 810

5. Band Edges Compliance
PCS1900
GSM MODE:

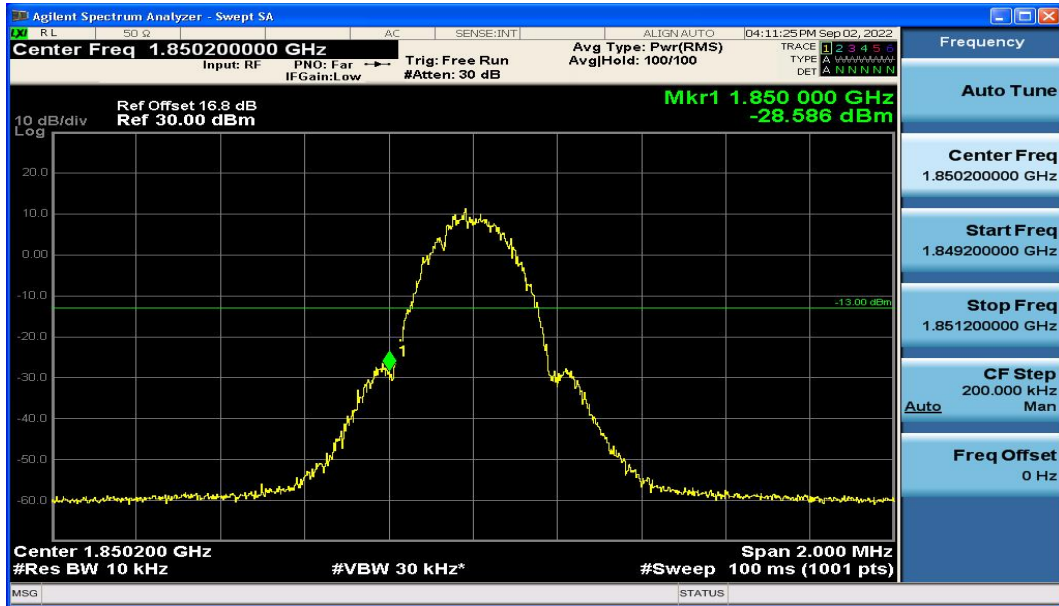


Channel 512

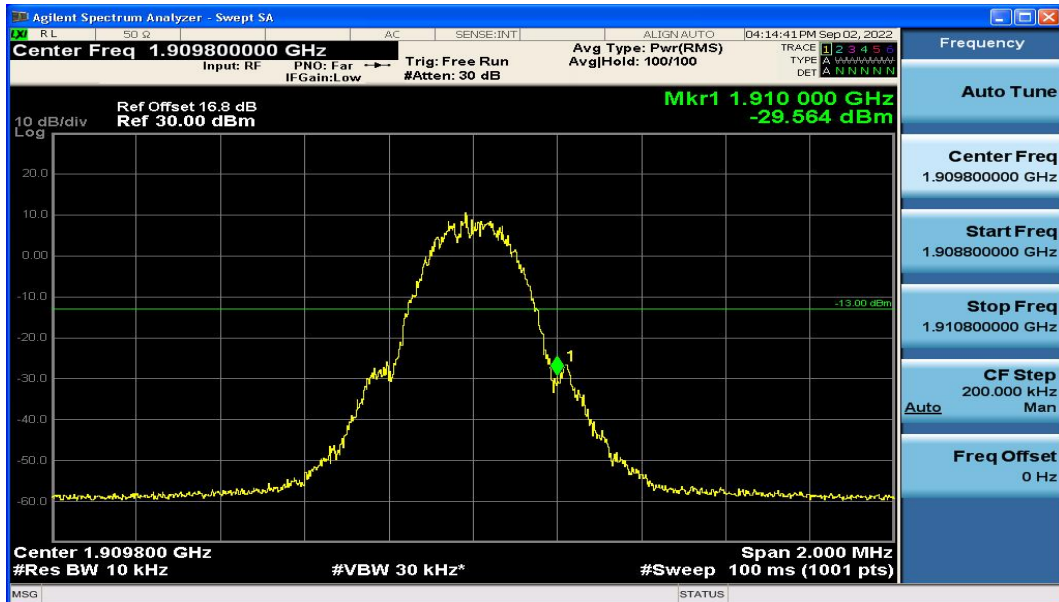


Channel 810

GPRS MODE:

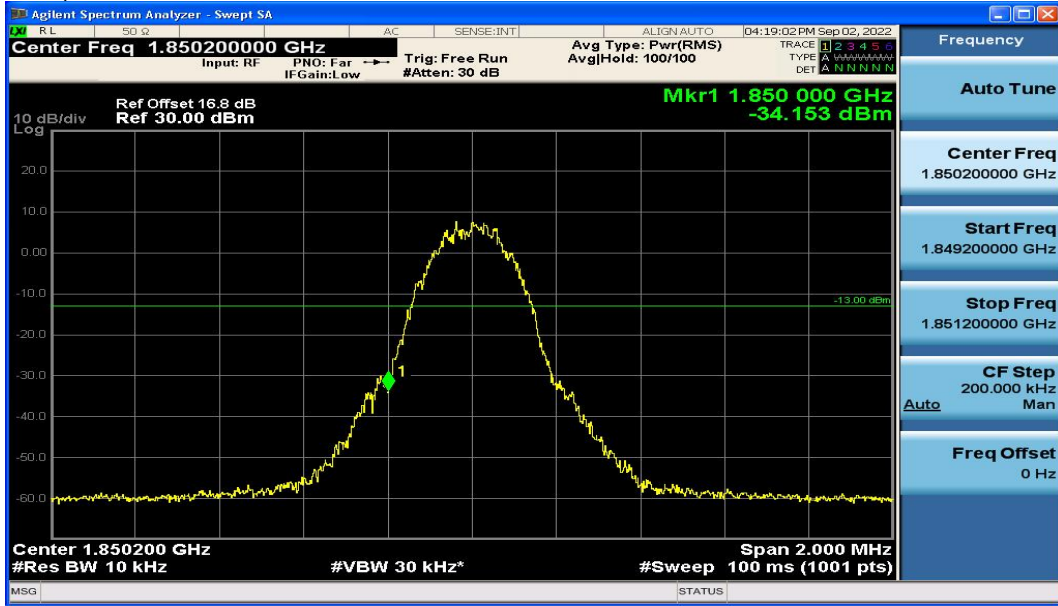


Channel 512

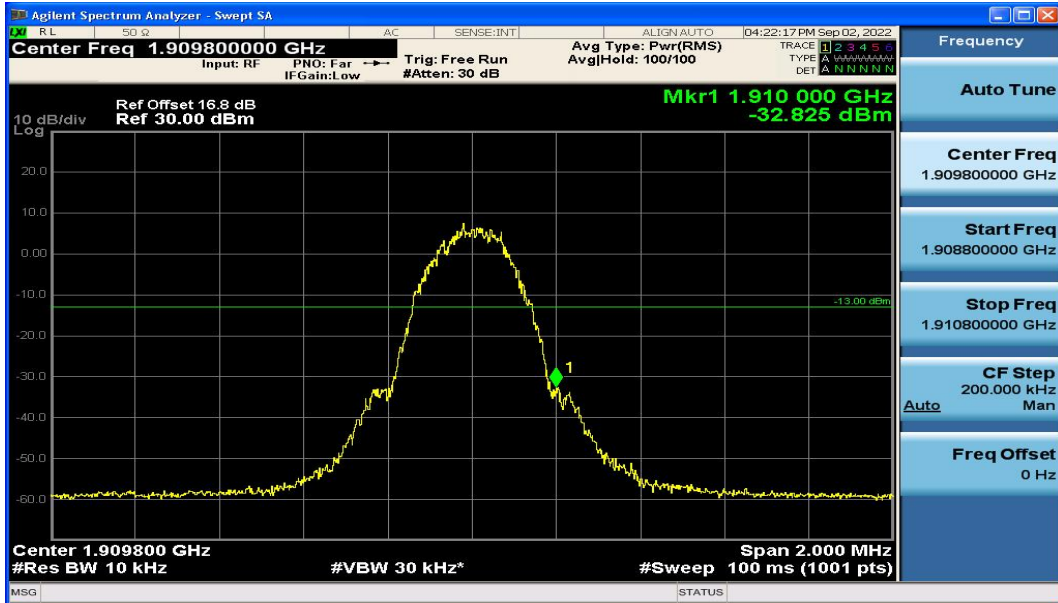


Channel 810

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
-10	-0.002	0.000	0.002
0	0.004	-0.001	0.000
+10	0.001	0.001	0.000
+20	0.000	0.003	0.000
+30	0.003	0.003	-0.001
+40	0.000	-0.001	0.000
+50	0.000	0.005	-0.001
+55	-0.001	0.002	0.004
Voltage	Test Result (ppm)@NT		
	Channel 512	Channel 661	Channel 810
LV	-0.004	-0.002	-0.002
HV	0.001	-0.002	-0.001

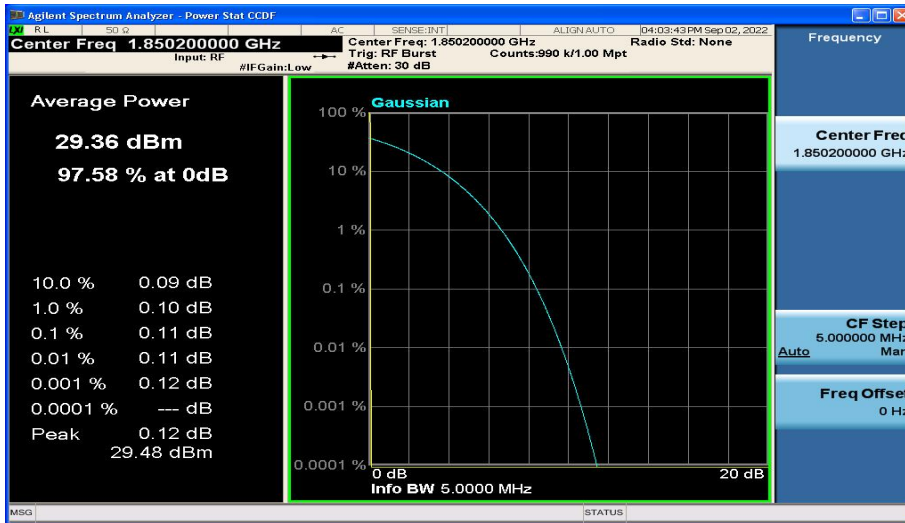
GPRS MODE:

Temperature(°C)	Test Result (ppm)@NV		
	Channel 512	Channel 661	Channel 810
-10	0.000	-0.001	0.003
0	-0.001	0.003	0.005
+10	-0.002	0.002	0.003
+20	0.000	0.001	0.000
+30	0.000	0.002	0.001
+40	0.000	0.000	0.000
+50	0.001	0.001	0.001
+55	-0.001	0.003	0.000
Voltage	Test Result (ppm)@NT		
	Channel 512	Channel 661	Channel 810
LV	-0.001	0.001	0.001
HV	0.004	0.002	-0.001

EGPRS (8PSK) MODE:

Temperature(°C)	Test Result (ppm)@NV		
	Channel 512	Channel 661	Channel 810
-10	0.003	-0.002	0.002
0	0.004	0.002	0.003
+10	0.002	-0.002	0.001
+20	0.000	0.000	-0.001
+30	0.006	0.001	0.003
+40	0.005	0.002	0.002
+50	-0.002	0.001	-0.002
+55	-0.002	0.000	0.000
Voltage	Test Result (ppm)@NT		
	Channel 512	Channel 661	Channel 810
LV	0.003	0.004	-0.001
HV	0.001	0.001	0.000

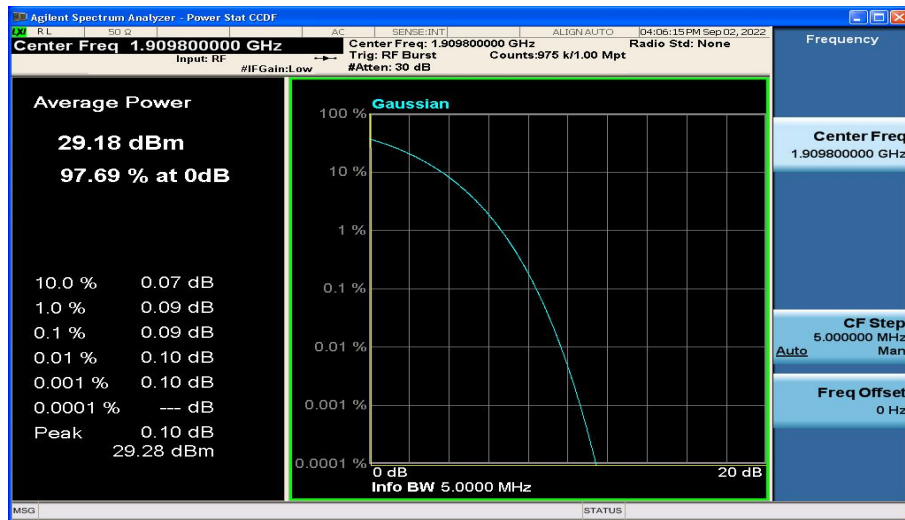
7. Peak-Average Ratio
PCS1900
GSM MODE:



Channel 512

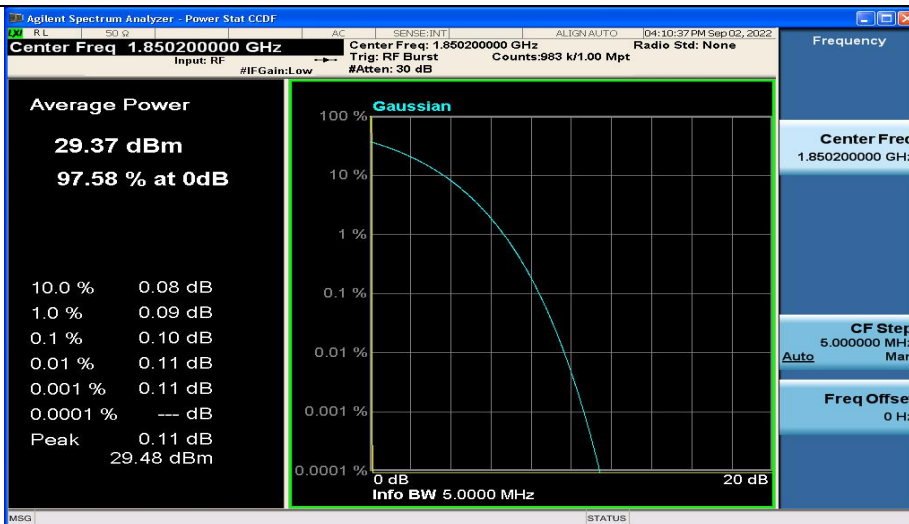


Channel 661

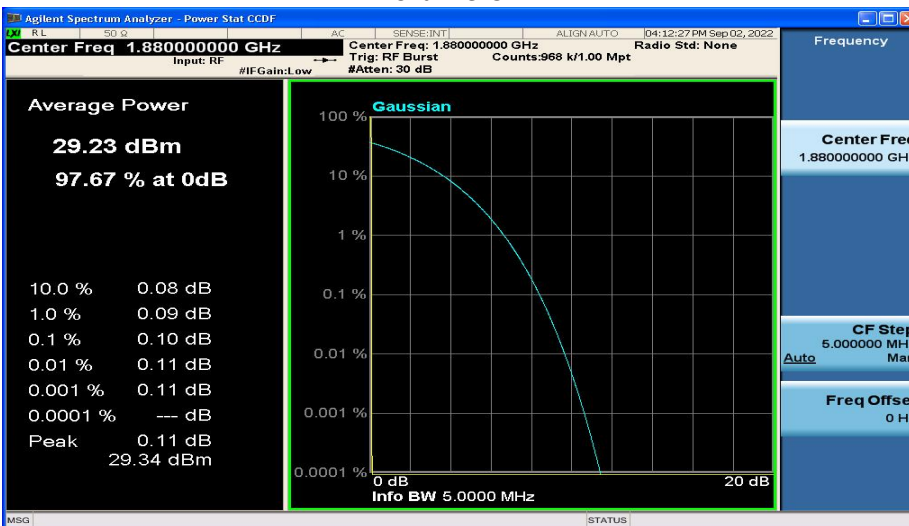


Channel 810

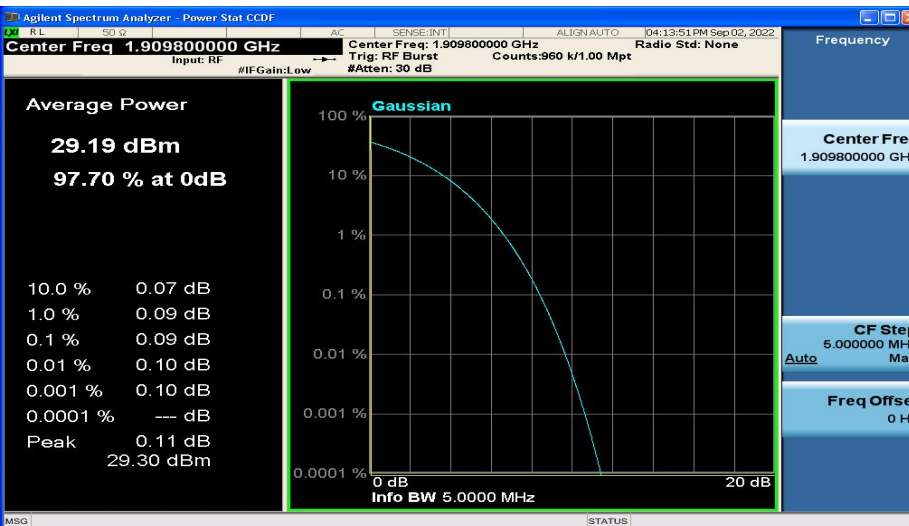
GPRS MODE:



Channel 512

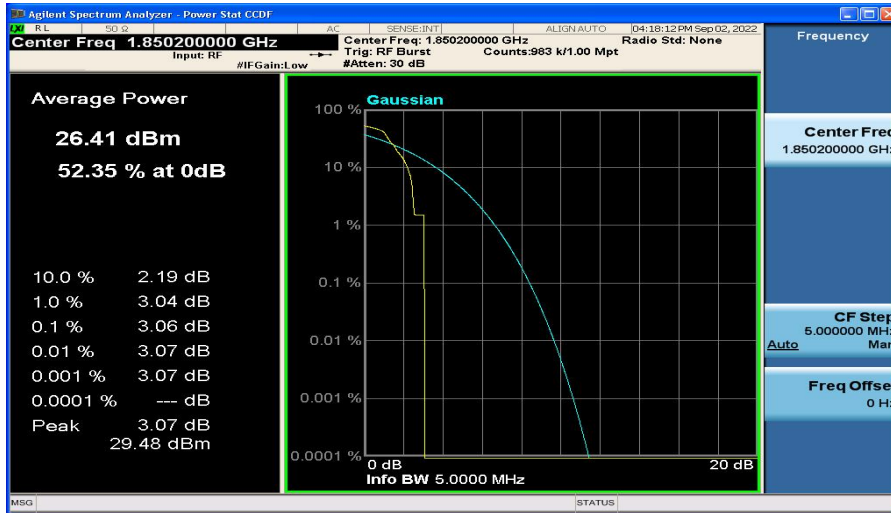


Channel 661

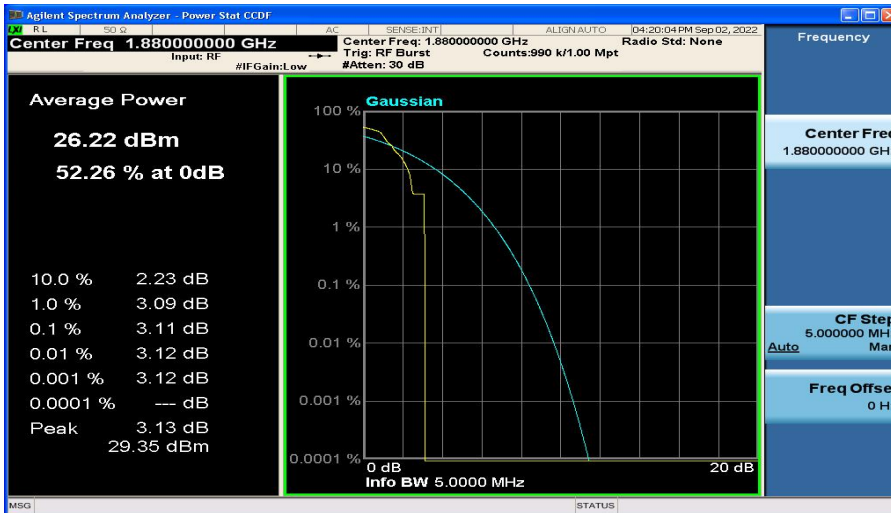


Channel 810

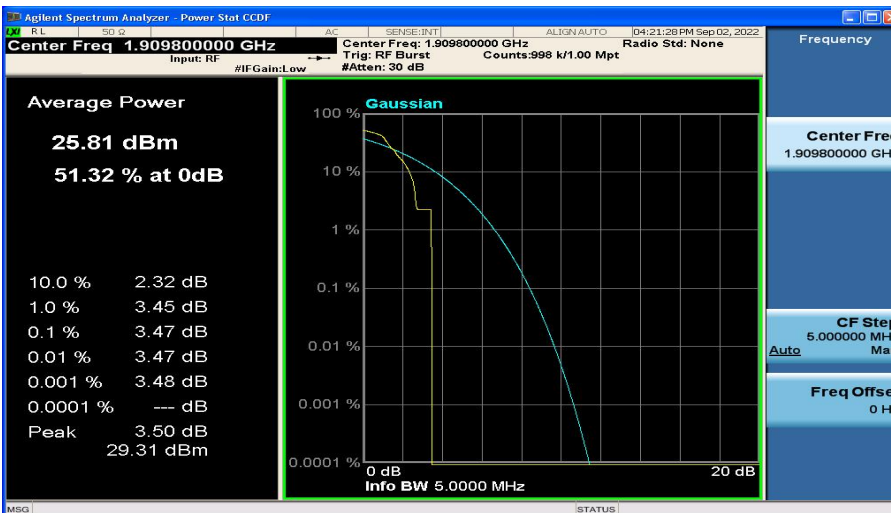
EGPRS (8PSK) MODE:



Channel 512



Channel 661



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	29.60	27.90	0.617
1880	661	29.57	27.87	0.612
1909.8	810	29.55	27.85	0.610

GPRS Measured Power:

Carrier frequency (MHz)	Channel No.	TX Mode	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
1850.2	512	1Down4Up	23.99	22.29	0.169
1880	661	1Down4Up	23.85	22.15	0.164
1909.8	810	1Down4Up	23.79	22.09	0.162
1850.2	512	2Down3Up	25.82	24.12	0.258
1880	661	2Down3Up	25.72	24.02	0.252
1909.8	810	2Down3Up	25.72	24.02	0.252
1850.2	512	3Down2Up	27.44	25.74	0.375
1880	661	3Down2Up	27.35	25.65	0.367
1909.8	810	3Down2Up	27.36	25.66	0.368
1850.2	512	4Down1Up	29.48	27.78	0.600
1880	661	4Down1Up	29.43	27.73	0.593
1909.8	810	4Down1Up	29.40	27.70	0.589

EGPRS (8PSK) Measured Power:

Carrier frequency (MHz)	Channel No.	TX Mode	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
1850.2	512	1Down4Up	20.98	19.28	0.085
1880	661	1Down4Up	20.11	18.41	0.069
1909.8	810	1Down4Up	20.00	18.30	0.068
1850.2	512	2Down3Up	22.19	20.49	0.112
1880	661	2Down3Up	21.88	20.18	0.104
1909.8	810	2Down3Up	21.60	19.90	0.098
1850.2	512	3Down2Up	24.89	23.19	0.208
1880	661	3Down2Up	24.38	22.68	0.185
1909.8	810	3Down2Up	24.39	22.69	0.186
1850.2	512	4Down1Up	26.34	24.64	0.291
1880	661	4Down1Up	26.27	24.57	0.286
1909.8	810	4Down1Up	25.86	24.16	0.261

APPENDIX B – TEST DATA OF RADIATED EMISSION

Radiated Spurious Emissions

Note: The worst channel results are reflected in the report.

850 Test result

GSM/GPRS MODE Channel 189:

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1566.750000	-68.13	-13.00	Vertical
1905.937500	-67.37	-13.00	Vertical
1935.875000	-68.39	-13.00	Vertical
2328.125000	-66.27	-13.00	Vertical
2673.312500	-67.83	-13.00	Vertical
2747.687500	-65.87	-13.00	Vertical

EGPRS (8PSK) MODE Channel 189:

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1550.750000	-68.22	-13.00	Vertical
1564.875000	-68.09	-13.00	Vertical
1884.750000	-67.18	-13.00	Vertical
2326.375000	-66.84	-13.00	Vertical
2682.312500	-67.76	-13.00	Vertical
2753.250000	-65.84	-13.00	Vertical

1900 Test result

GSM/GPRS MODE Channel 661:

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
5640.000000	-60.60	-13.00	Vertical
8622.656250	-57.53	-13.00	Vertical
10401.562500	-56.38	-13.00	Vertical
11548.125000	-56.85	-13.00	Vertical
15016.875000	-51.17	-13.00	Vertical
17932.500000	-45.41	-13.00	Vertical

EGPRS (8PSK) MODE Channel 661:

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
8445.468750	-56.77	-13.00	Vertical
10386.093750	-55.75	-13.00	Vertical
11508.750000	-56.15	-13.00	Vertical
14991.093750	-51.04	-13.00	Vertical
15536.718750	-50.74	-13.00	Vertical
17930.156250	-44.93	-13.00	Vertical

---End of Test Report---