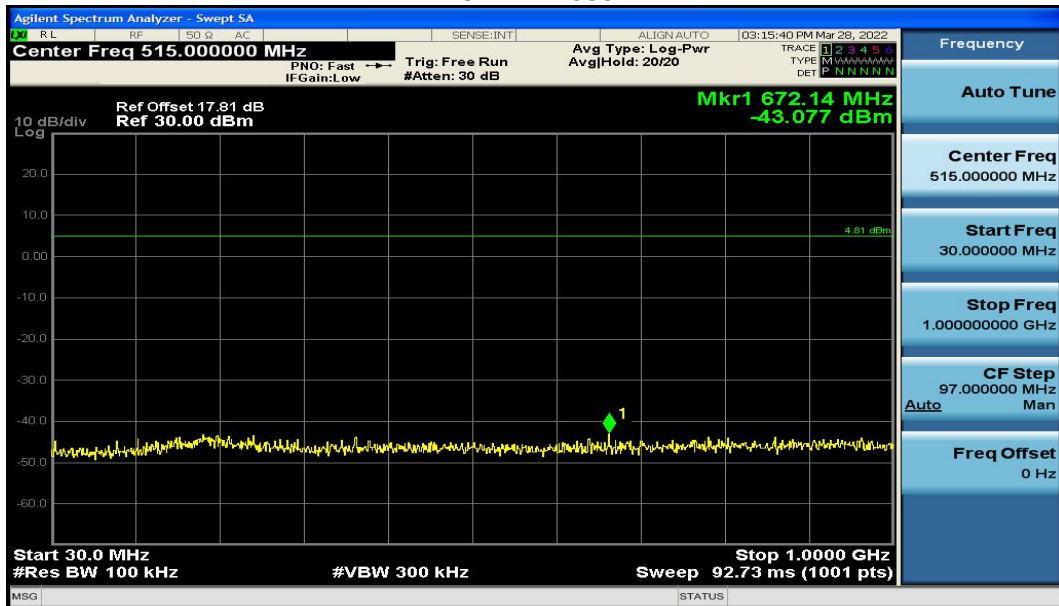




Channel 885

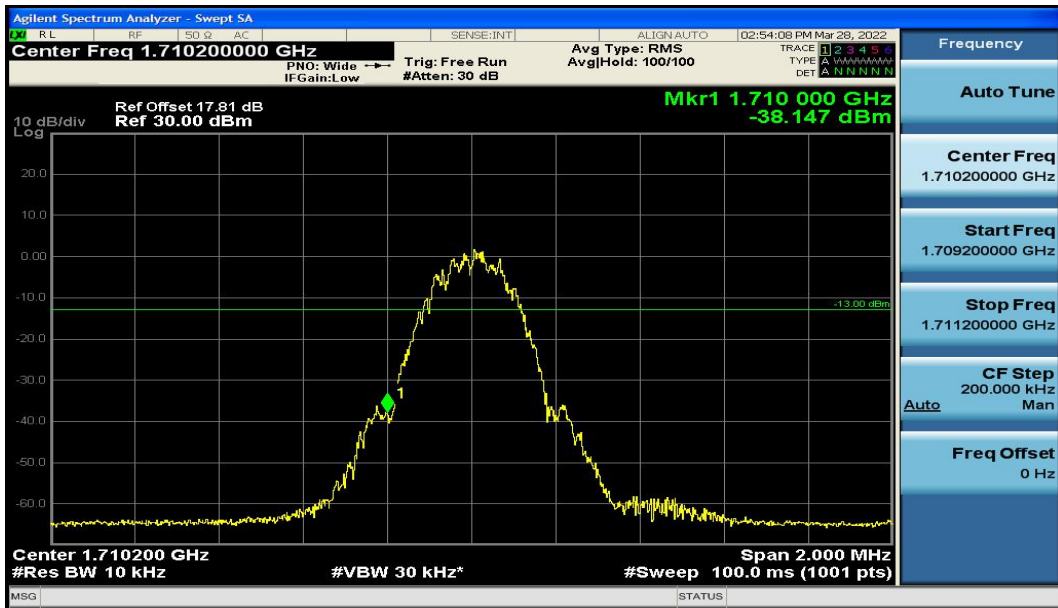


Channel 885

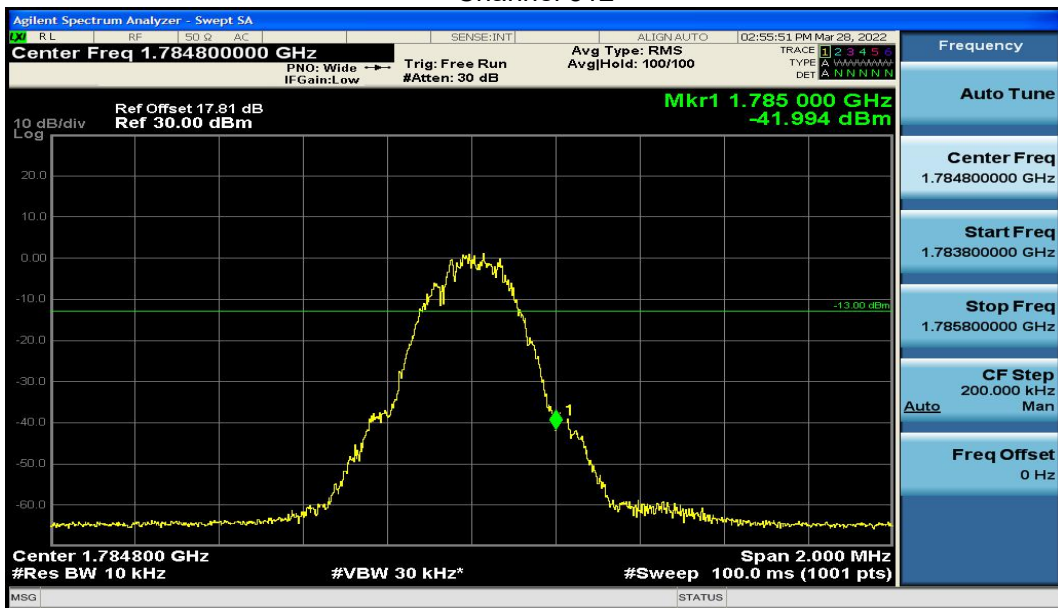
5. Band Edges Compliance

DCS1800

GSM MODE:

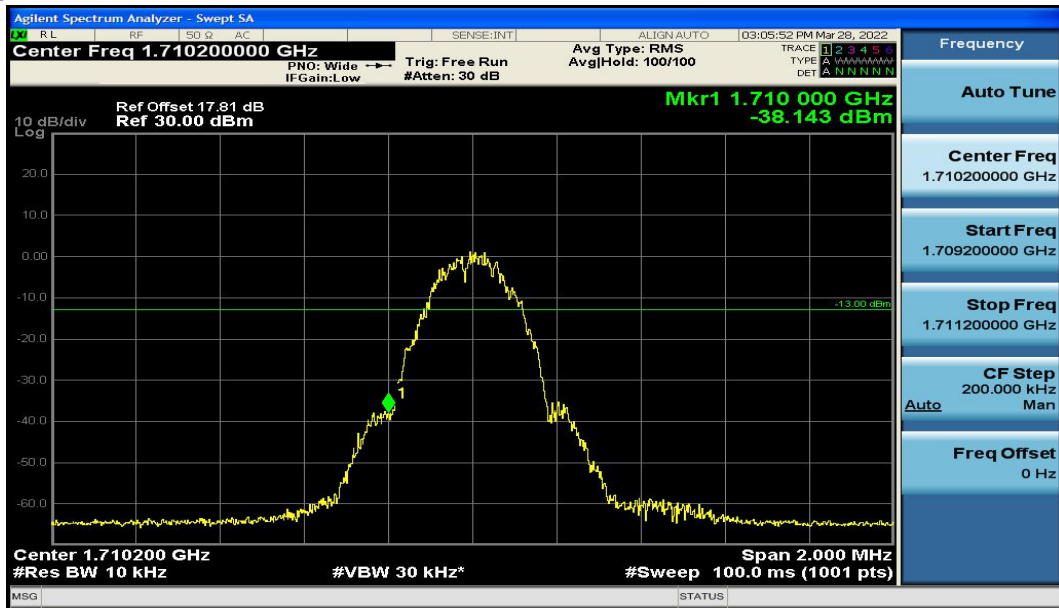


Channel 512

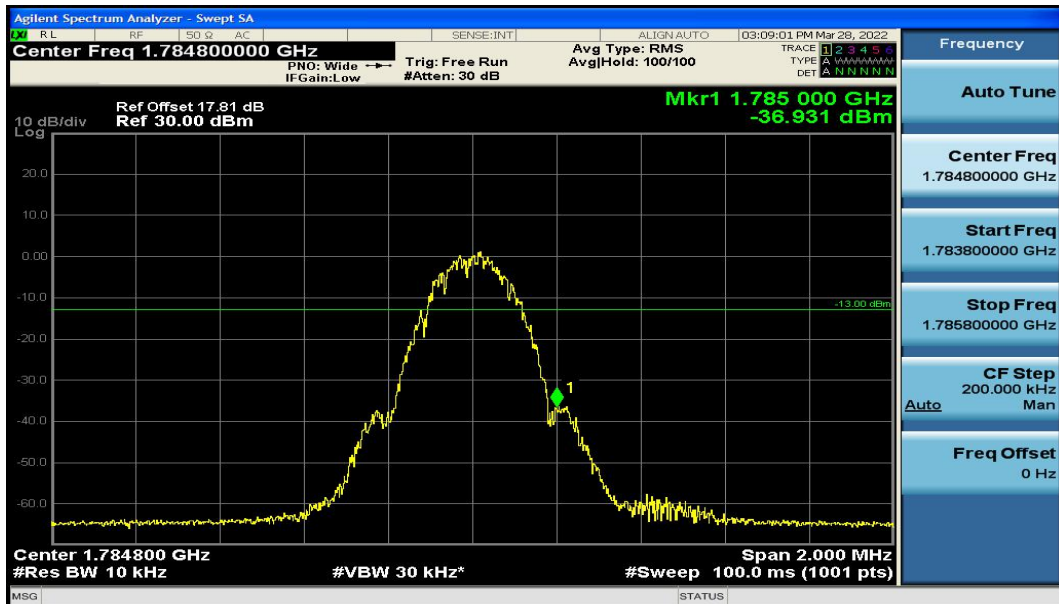


Channel 885

GPRS MODE:

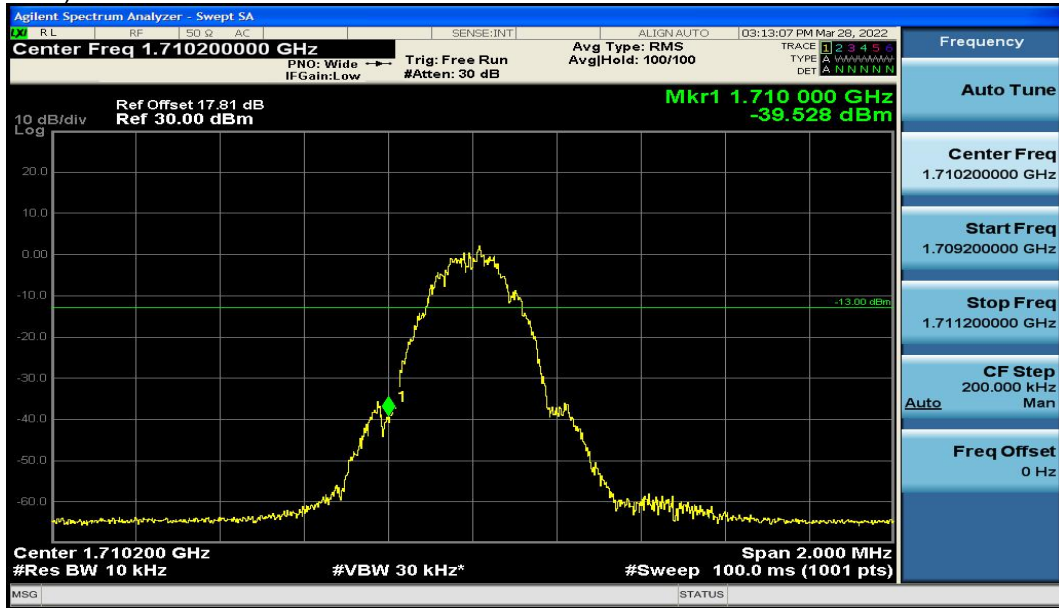


Channel 512

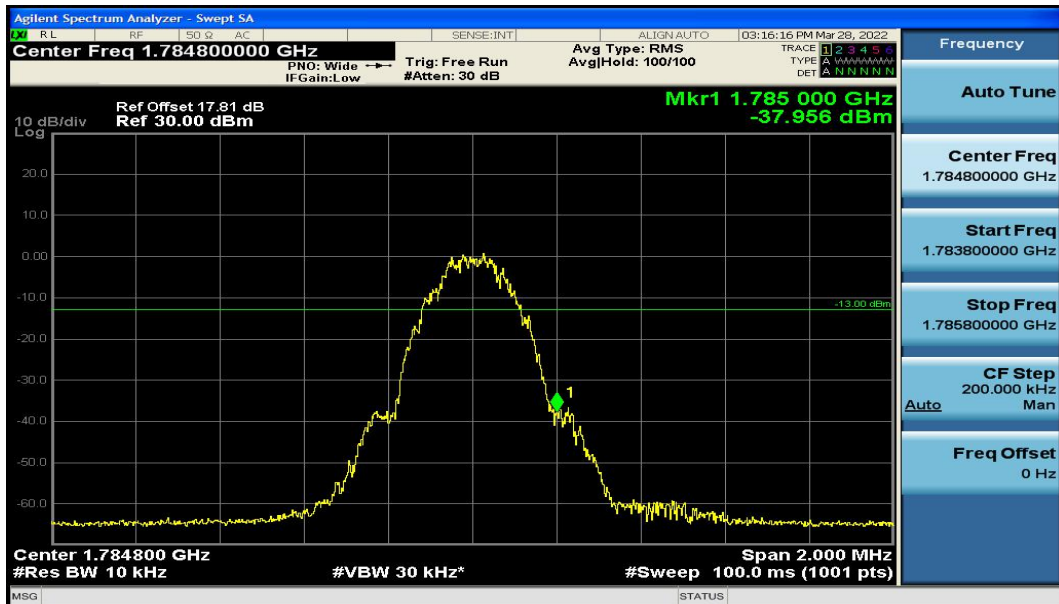


Channel 885

EGPRS (8PSK) MODE:



Channel 512



Channel 885

6. Frequency Stability

DCS1800

GSM MODE:

Temperature(°C)	Test Result (ppm)@NV		
	Channel 512	Channel 699	Channel 885
-10	0.004	0.004	0.005
-0	0.008	0.001	0.003
+10	0.008	0.010	0.001
+20	0.005	0.006	0.001
+30	0.004	0.003	0.001
+40	0.006	0.004	0.000
+50	0.004	0.008	0.004
+55	0.002	0.006	0.005
Voltage	Test Result (ppm)@NT		
	Channel 512	Channel 699	Channel 885
LV	0.003	0.001	0.000
HV	0.000	0.004	0.007

GPRS MODE:

Temperature(°C)	Test Result (ppm)@NV		
	Channel 512	Channel 699	Channel 885
-10	0.007	0.010	0.005
-0	0.002	0.001	0.007
+10	0.010	0.012	0.012
+20	0.008	0.005	0.008
+30	0.006	0.009	0.003
+40	0.002	0.003	0.006
+50	0.012	0.011	0.013
+55	0.006	0.006	0.009
Voltage	Test Result (ppm)@NT		
	Channel 512	Channel 699	Channel 885
LV	0.009	0.005	0.005
HV	0.008	0.002	0.006

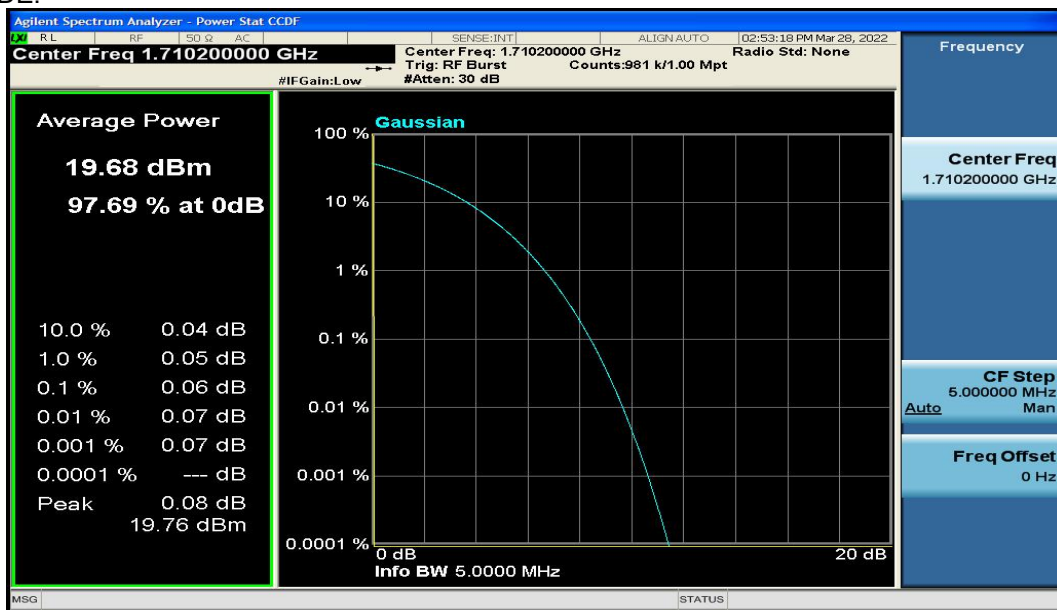
EGPRS (8PSK) MODE:

Temperature(°C)	Test Result (ppm)@NV		
	Channel 512	Channel 699	Channel 885
-10	0.011	0.007	0.009
-0	0.011	0.005	0.003
+10	0.012	0.005	0.007
+20	0.008	0.007	0.008
+30	0.005	0.007	0.011
+40	0.016	0.007	0.013
+50	0.009	0.012	0.009
+55	0.014	0.011	0.012
Voltage	Test Result (ppm)@NT		
	Channel 512	Channel 699	Channel 885
LV	0.011	0.001	0.010
HV	0.005	0.008	0.006

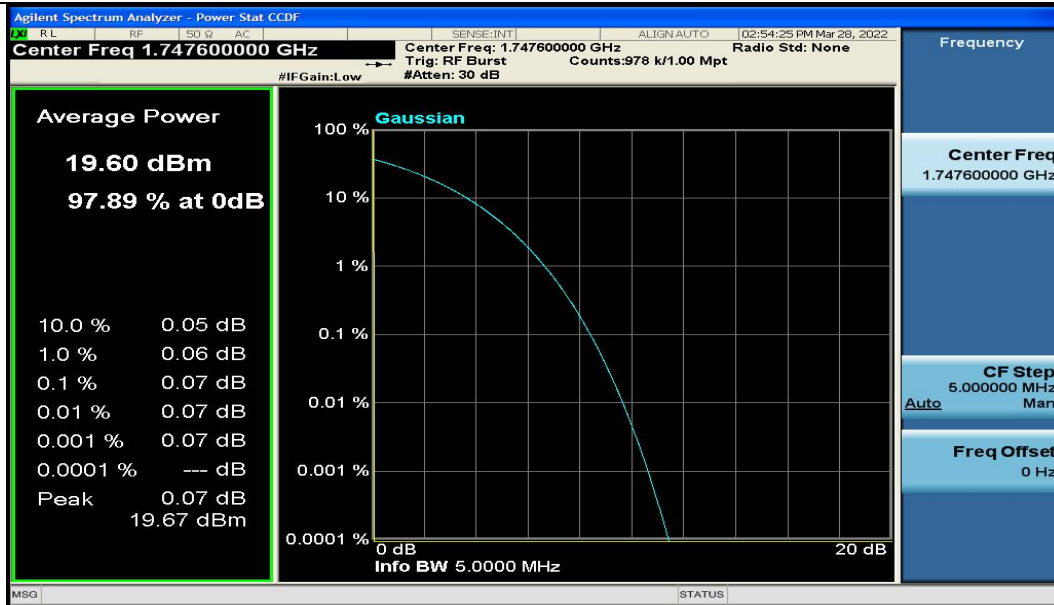
7. Peak-Average Ratio

DCS1800

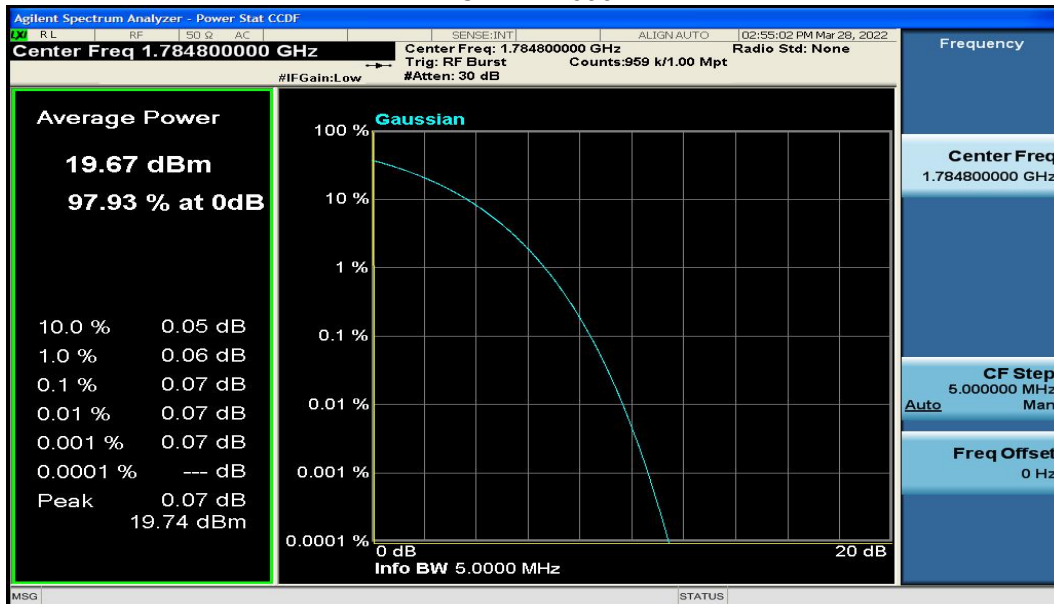
GSM MODE:



Channel 512

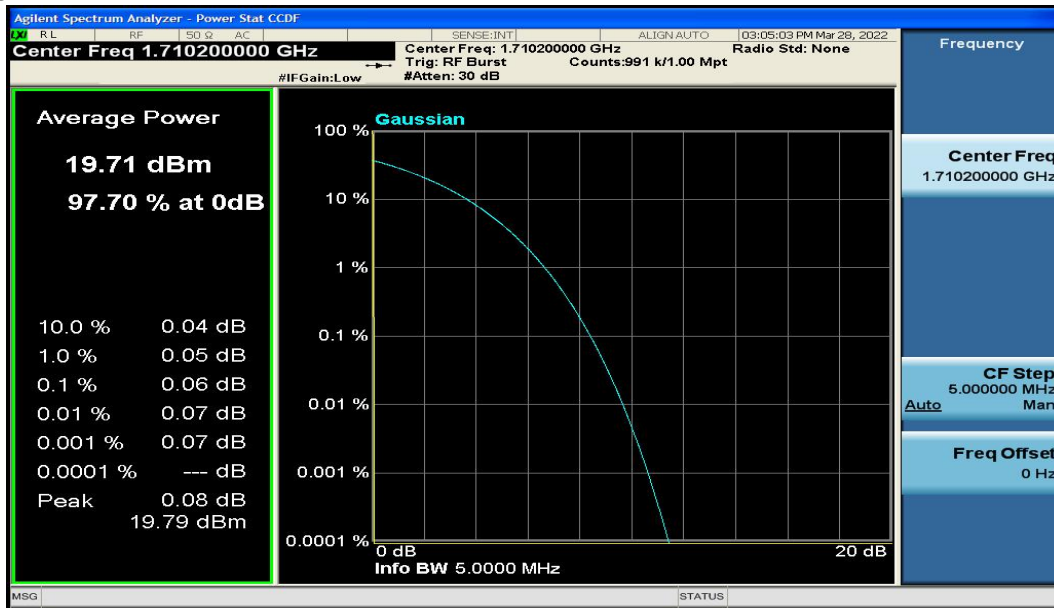


Channel 699

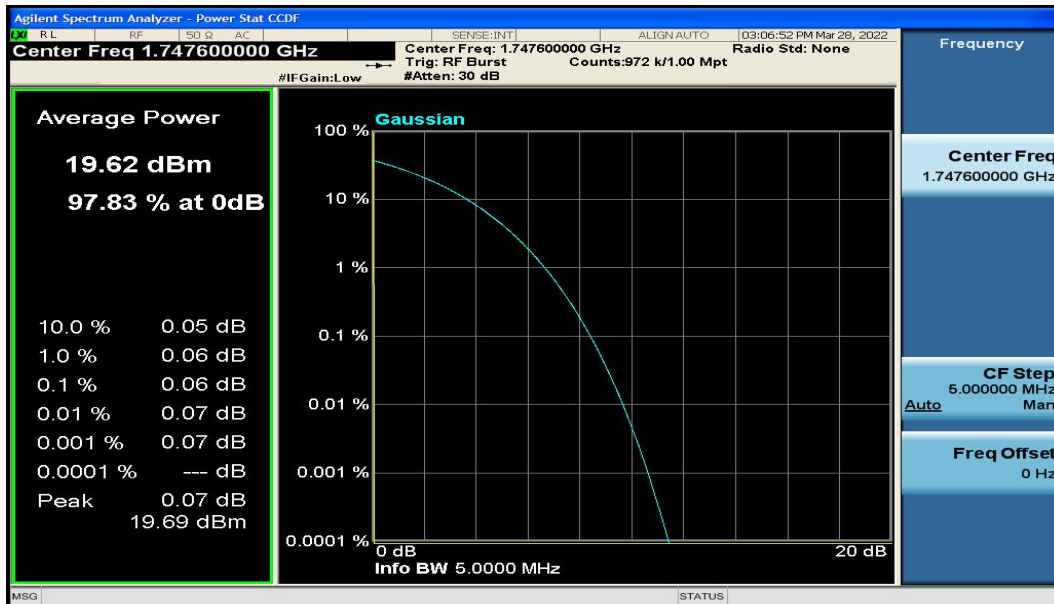


Channel 885

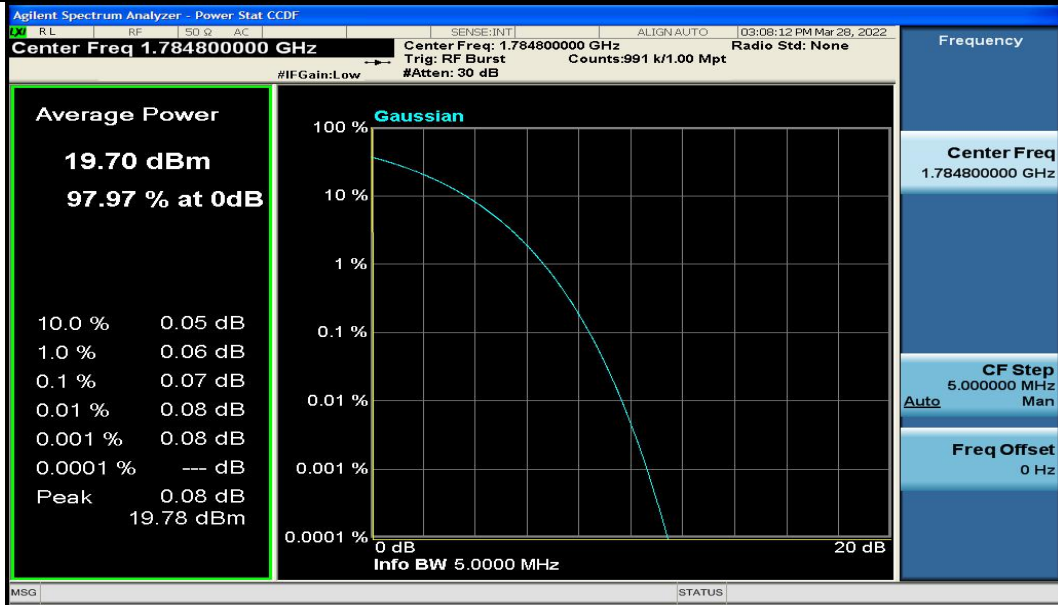
GPRS MODE:



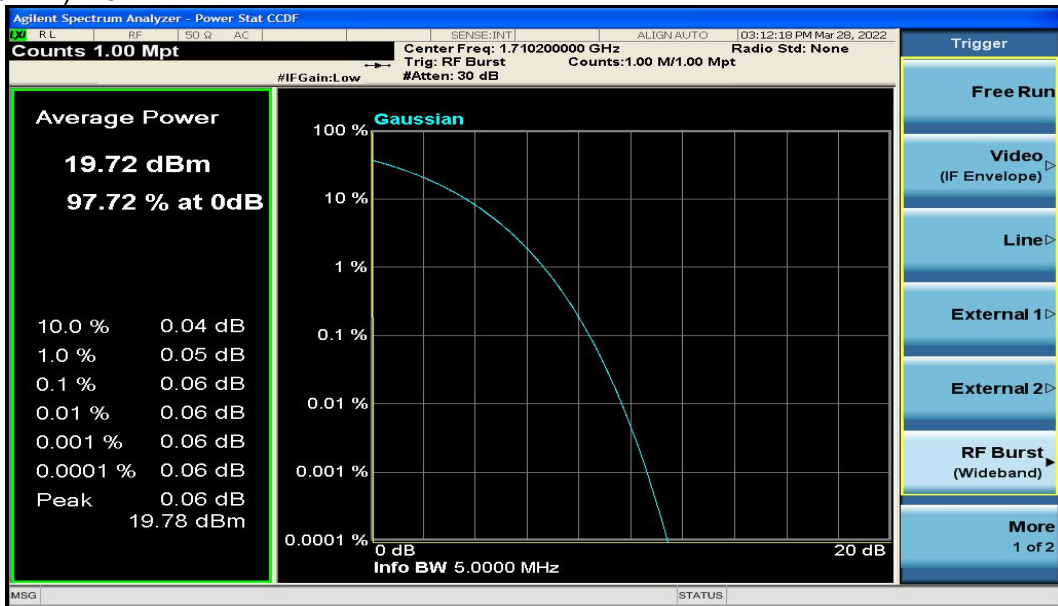
Channel 512

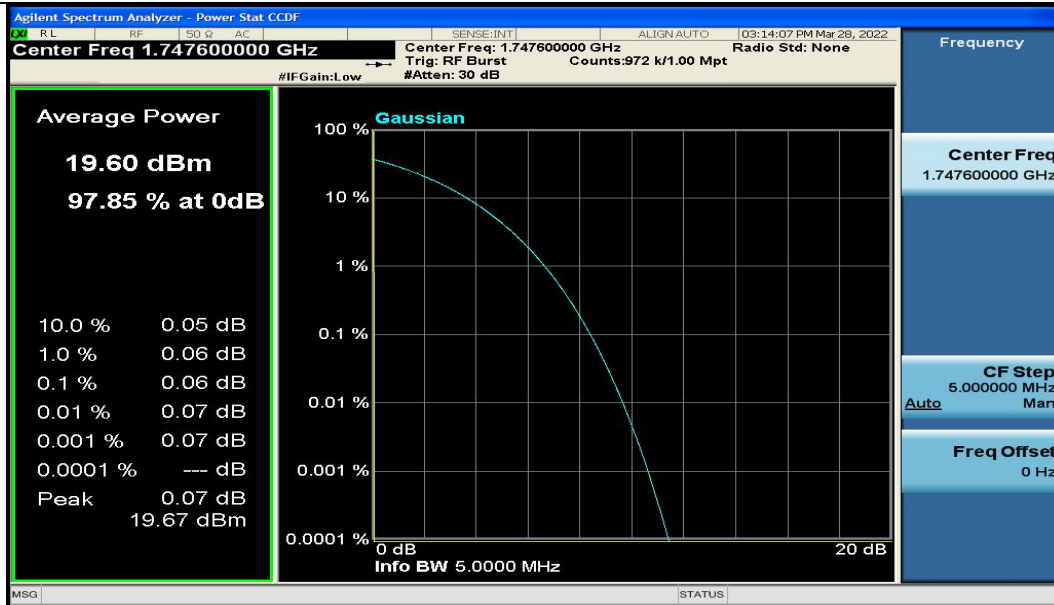


Channel 699

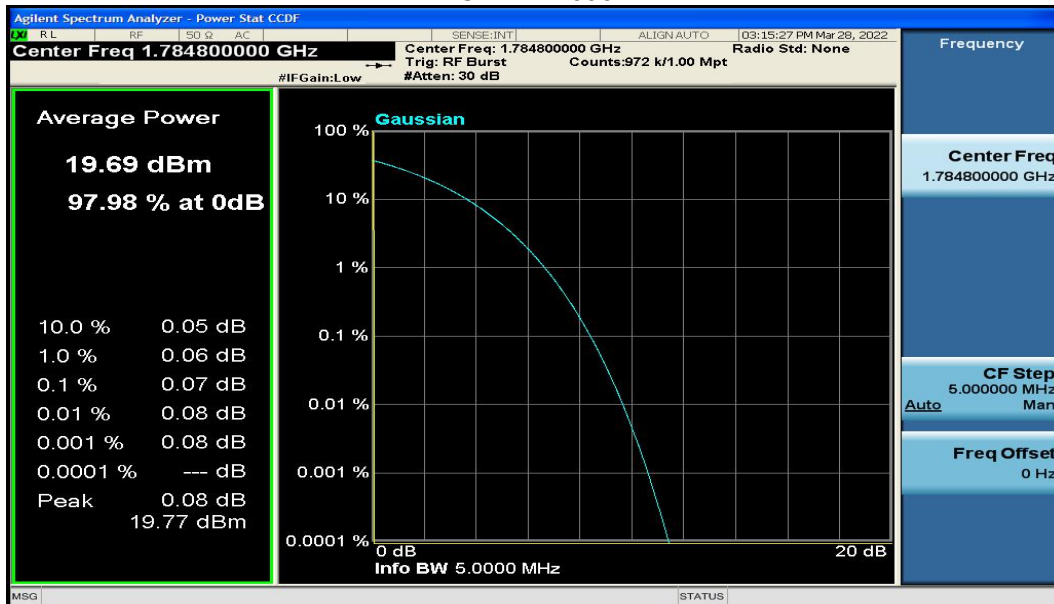


EGPRS (8PSK) MODE:





Channel 699



Channel 885

8. Effective Radiated Power and Effective Isotropic Radiated Power

DCS1800

GSM Measured Power:

Carrier frequency (MHz)	Channel No.	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
1850.2	512	19.99	18.79	0.076
1887.6	699	19.90	18.70	0.074
1924.8	885	20.05	18.85	0.077

GPRS Measured Power:

Carrier frequency (MHz)	Channel No.	TX Mode	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
1850.2	512	4Down1Up	19.52	18.32	0.068
1887.6	699	4Down1Up	19.50	18.30	0.068
1924.8	885	4Down1Up	19.62	18.42	0.070
1850.2	512	3Down2Up	19.66	18.46	0.070
1887.6	699	3Down2Up	19.65	18.45	0.070
1924.8	885	3Down2Up	19.73	18.53	0.071
1850.2	512	2Down3Up	19.77	18.57	0.072
1887.6	699	2Down3Up	19.73	18.53	0.071
1924.8	885	2Down3Up	19.82	18.62	0.073
1850.2	512	1Down4Up	19.87	18.67	0.074
1887.6	699	1Down4Up	19.82	18.62	0.073
1924.8	885	1Down4Up	19.92	18.72	0.074

EGPRS (8PSK) Measured Power:

Carrier frequency (MHz)	Channel No.	TX Mode	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
1850.2	512	4Down1Up	19.53	18.33	0.068
1887.6	699	4Down1Up	19.54	18.34	0.068
1924.8	885	4Down1Up	19.63	18.43	0.070
1850.2	512	3Down2Up	19.65	18.45	0.070
1887.6	699	3Down2Up	19.66	18.46	0.070
1924.8	885	3Down2Up	19.69	18.49	0.071
1850.2	512	2Down3Up	19.76	18.56	0.072
1887.6	699	2Down3Up	19.74	18.54	0.071
1924.8	885	2Down3Up	19.80	18.60	0.072
1850.2	512	1Down4Up	19.88	18.68	0.074
1887.6	699	1Down4Up	19.85	18.65	0.073
1924.8	885	1Down4Up	19.91	18.71	0.074

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
1672.875000	-62.20	-13	Vertical
2065.250000	-67.45	-13	Vertical
2509.375000	-44.22	-13	Vertical
2880.625000	-65.56	-13	Vertical
9337.195313	-56.78	-13	Vertical
12128.742188	-56.32	-13	Vertical

EDGE (8PSK) MODE Channel 189:

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
4785.468750	-60.09	-13	Vertical
5914.640625	-59.32	-13	Vertical
7310.109375	-57.74	-13	Vertical
8700.398438	-55.16	-13	Vertical
10427.671875	-55.42	-13	Vertical
11150.695313	-55.85	-13	Vertical

1900 Test result

GSM/GPRS MODE Channel 661:

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2317.312500	-48.58	-13	Vertical
2600.250000	-48.34	-13	Vertical
5640.000000	-58.64	-13	Vertical
8803.593750	-54.86	-13	Vertical
10382.812500	-55.81	-13	Vertical
14587.500000	-51.96	-13	Vertical

EDGE (8PSK) MODE Channel 661:

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
4797.656250	-60.14	-13	Vertical
5932.500000	-59.26	-13	Vertical
8653.593750	-55.41	-13	Vertical
11133.281250	-56.40	-13	Vertical
14591.250000	-52.17	-13	Vertical
17310.000000	-43.79	-13	Vertical

1800 Test result

GSM MODE Channel 699:

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
3613.125000	-64.46	-13.00	Vertical
4798.593750	-61.08	-13.00	Vertical
6445.312500	-60.30	-13.00	Vertical
7787.343750	-55.78	-13.00	Vertical
11565.468750	-56.08	-13.00	Vertical
14576.250000	-51.34	-13.00	Vertical

EDGE (8PSK) MODE Channel 699:

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
4106.718750	-65.13	-13.00	Vertical
4812.656250	-62.10	-13.00	Vertical
5920.781250	-60.10	-13.00	Vertical
7061.250000	-58.85	-13.00	Vertical
8707.968750	-57.60	-13.00	Vertical
11560.312500	-57.01	-13.00	Vertical

---End of Test Report---