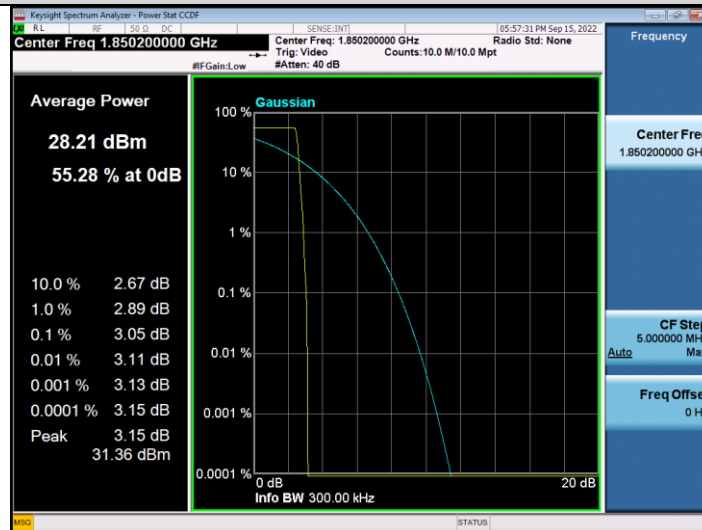
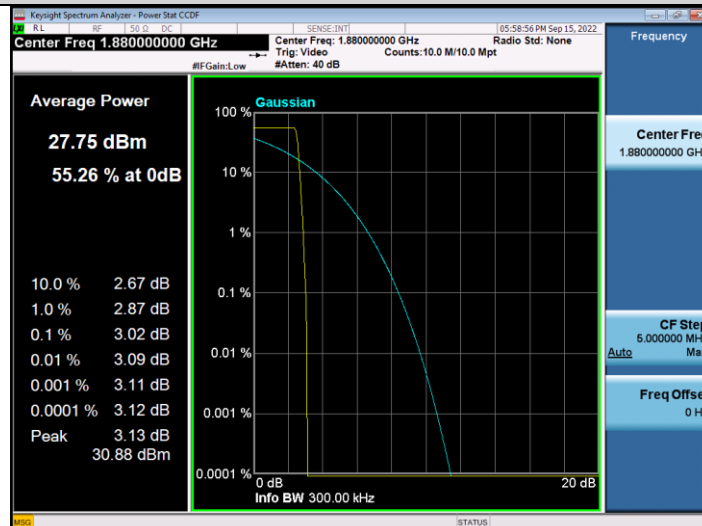


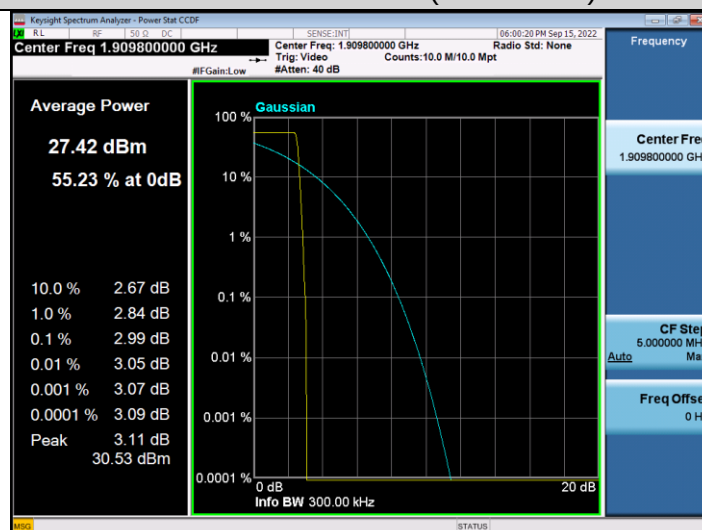
PCS1900-Channel 512(GSM mode)



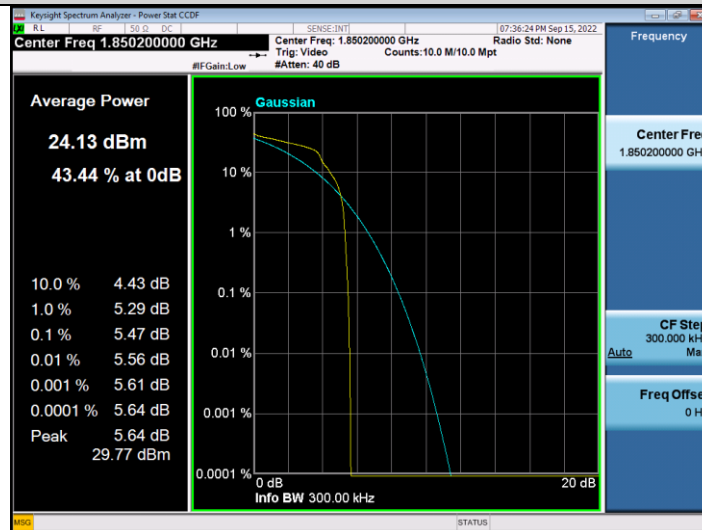
PCS1900-Channel 661(GSM mode)



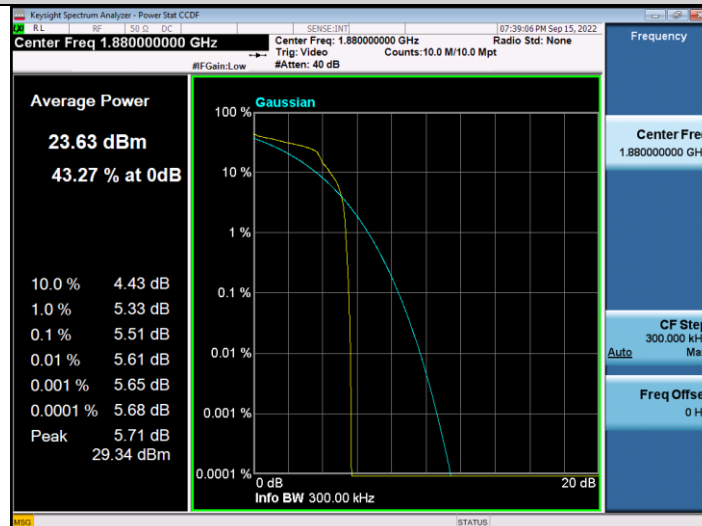
PCS1900-Channel 810(GSM mode)



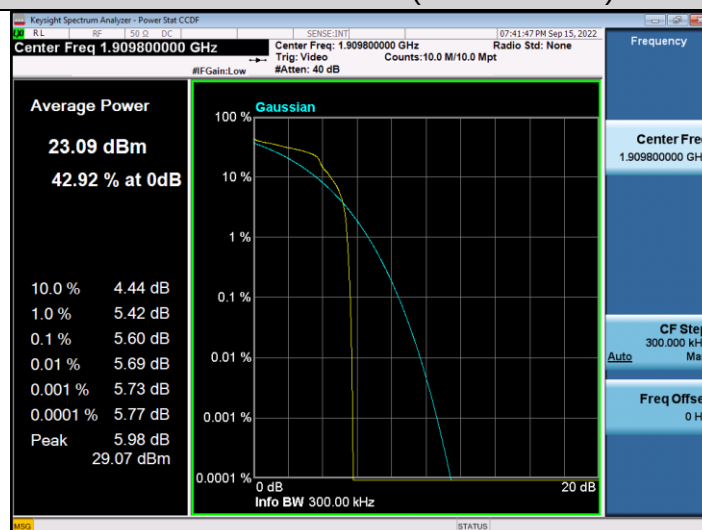
PCS1900-Channel 512(EGPRS mode)



PCS1900-Channel 661(EGPRS mode)



PCS1900-Channel 810(EGPRS mode)



APPENDIX I - FREQUENCY STABILITY

GSM 850			
Channel:	190	Frequency:	836.6MHz
Temperature vs. Frequency Stability			
Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)
-35	-8.83	-0.010554626	±2.5
-30	-7.33	-0.008761654	
-20	7.36	0.008797514	
-10	4.41	0.005271336	
0	-8.82	-0.010542673	
10	7.77	0.009287593	
20	5.44	0.006502510	
30	4.03	0.004817117	
40	-8.42	-0.010064547	
50	5.11	0.006108056	
60	7.94	0.009490796	
70	-4.18	-0.004996414	
75	5.63	0.006729620	
Max. Deviation (ppm)	7.94	0.009490796	

GSM 850			
Channel:	190	Frequency:	836.6MHz
Voltage vs. Frequency Stability			
Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)
4.5	5.96	0.007124074	±2.5
3.8	-4.36	-0.005211571	
3.4	5.03	0.006012431	
Max. Deviation (ppm)	5.96	0.007124074	

PCS 1900			
Channel:	661	Frequency:	1880MHz
Temperature vs. Frequency Stability			
Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)
-35	-5.28	-0.002808511	±2.5
-30	6.26	0.003329787	
-20	-6.15	-0.003271277	
-10	7.9	0.004202128	
0	-6.67	-0.003547872	
10	6.11	0.0032500	
20	8.81	0.00468617	
30	7.68	0.004085106	
40	5.7	0.003031915	
50	-8.68	-0.004617021	
60	4.19	0.002228723	
70	-5.74	-0.003053191	
75	-8.63	-0.004590426	
Max. Deviation (ppm)	8.81	0.00468617	

PCS 1900			
Channel:	661	Frequency:	1880MHz
Voltage vs. Frequency Stability			
Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)
4.5	-8.29	-0.004409574	±2.5
3.8	7.91	0.004207447	
3.4	6.34	0.00337234	
Max. Deviation (ppm)	8.29	0.004207447	

Note: We tested Low, Middle and High channels, Only the worst mode data is reflected in the report.

End of Test Report