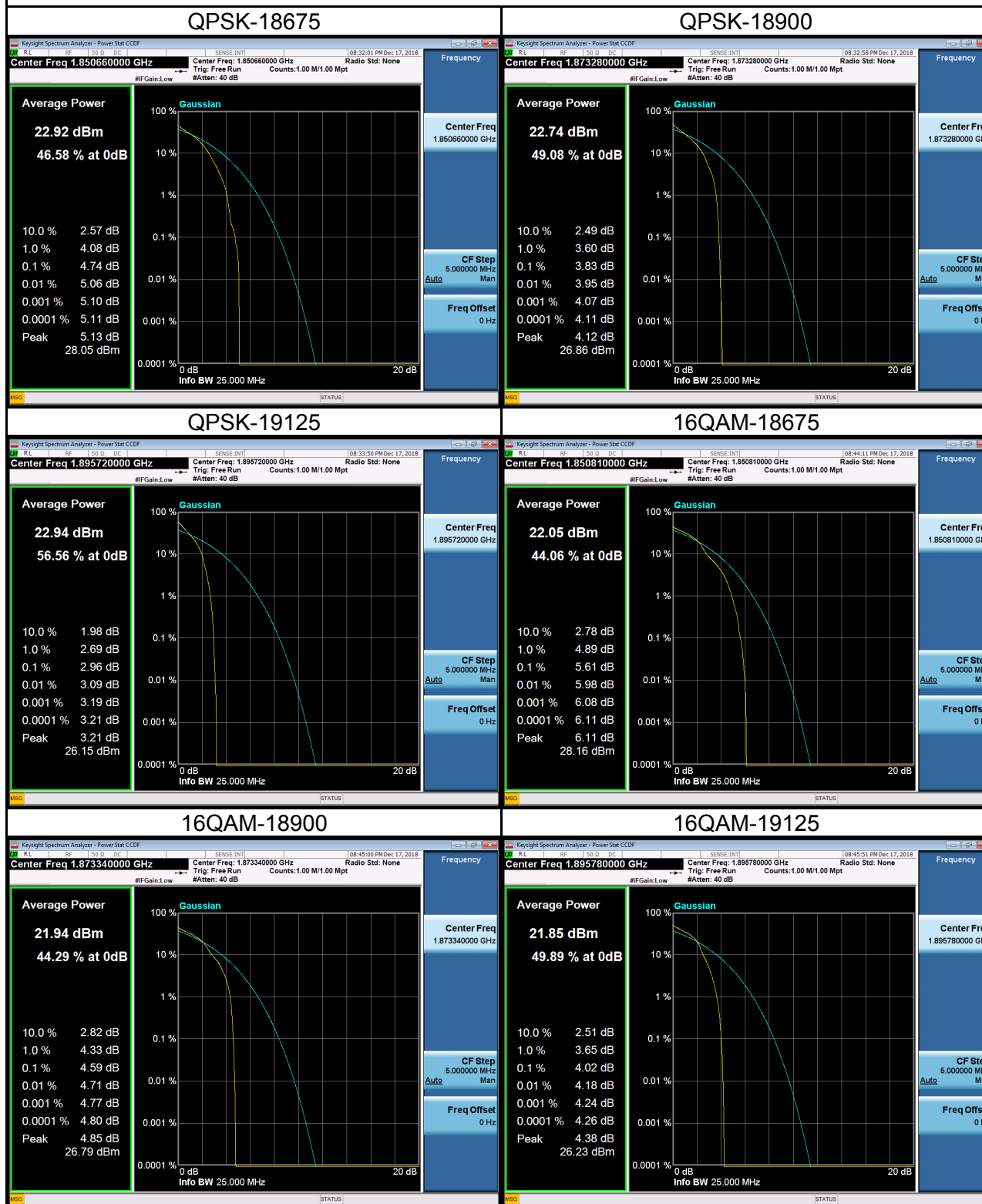
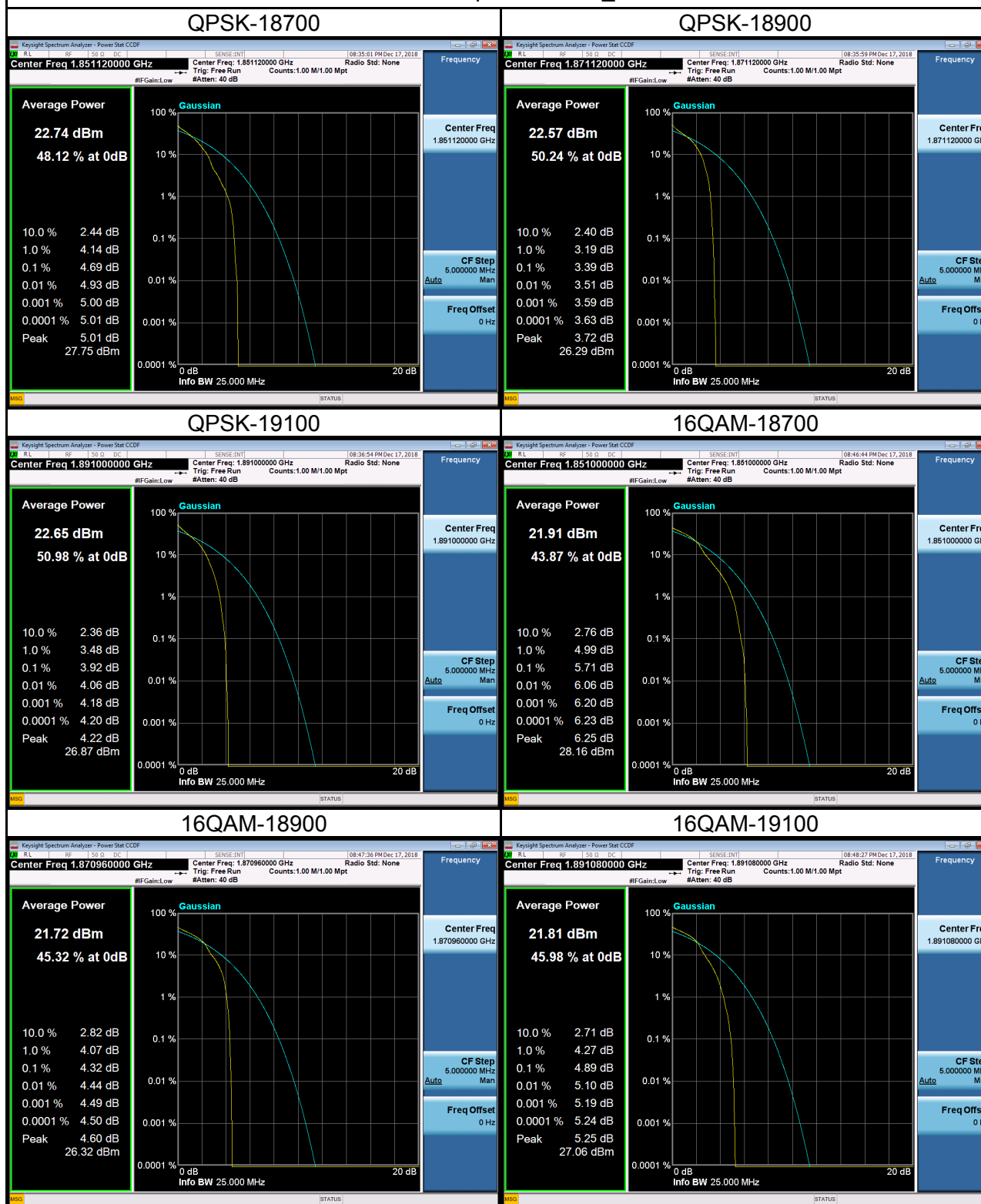


LTE Band 2 Spectrum Plot_15M



LTE Band 2 Spectrum Plot_20M



APPENDIX I - FREQUENCY STABILITY

Test Mode:	PCS1900_CH661
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-10	3.95	0.002101064	± 2.5
0	4.61	0.002452128	
10	6.22	0.003308511	
20	5.51	0.002930851	
30	4.15	0.002207447	
40	5.63	0.002994681	
50	6.36	0.003382979	
60	4.42	0.002351064	
Max. Deviation (ppm)	6.36	0.003382979	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.35	4.10	0.002180851	± 2.5
3.80	3.70	0.001968085	
3.50	4.03	0.002143617	
Max. Deviation (ppm)	4.10	0.002180851	

Test Mode:	WCDMA Band II_CH9400
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-10	4.79	0.002547872	± 2.5
0	6.76	0.003595745	
10	2.84	0.001510638	
20	3.41	0.00181383	
30	3.26	0.001734043	
40	3.65	0.001941489	
50	7.34	0.003904255	
60	2.63	0.001398936	
Max. Deviation (ppm)	7.34	0.003904255	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.35	1.16	0.000617021	± 2.5
3.80	2.71	0.001441489	
3.50	3.74	0.001989362	
Max. Deviation (ppm)	3.74	0.001989362	

Test Mode:	LTE Band 2_CH18900_1.4M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-10	4.41	0.002527221	± 2.5
0	-5.61	-0.0032149	
10	4.28	0.002452722	
20	-3.34	-0.00191404	
30	-1.49	-0.000853868	
40	-0.53	-0.000303725	
50	1.08	0.000618911	
60	-3.04	-0.00174212	
Max. Deviation (ppm)	-5.61	-0.0032149	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.35	4.46	0.002555874	± 2.5
3.80	-1.15	-0.000659026	
3.50	5.93	0.003398281	
Max. Deviation (ppm)	5.93	0.003398281	

Test Mode:	LTE Band 2_CH18900_3M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-10	4.23	0.002424069	± 2.5
0	-5.62	-0.00322063	
10	-3.95	-0.00226361	
20	-3.55	-0.002034384	
30	4.77	0.002733524	
40	3.93	0.002252149	
50	-2.37	-0.001358166	
60	-4.87	-0.002790831	
Max. Deviation (ppm)	-5.62	-0.00322063	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.35	-4.89	-0.002802292	± 2.5
3.80	-7.06	-0.004045845	
3.50	3.22	0.001845272	
Max. Deviation (ppm)	-7.06	-0.004045845	

Test Mode:	LTE Band 2_CH18900_5M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-10	2.98	0.001707736	± 2.5
0	3.96	0.002269341	
10	-6.60	-0.003782235	
20	-4.33	-0.002481375	
30	1.72	0.000985673	
40	-9.36	-0.005363897	
50	-2.80	-0.001604585	
60	4.69	0.002687679	
Max. Deviation (ppm)	-9.36	-0.005363897	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.35	2.36	0.001352436	± 2.5
3.80	-5.19	-0.002974212	
3.50	-1.70	-0.000974212	
Max. Deviation (ppm)	-5.19	-0.002974212	

Test Mode:	LTE Band 2_CH18900_10M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-10	4.03	0.002309456	± 2.5
0	-1.64	-0.000939828	
10	-2.62	-0.001501433	
20	-1.68	-0.000962751	
30	2.54	0.001455587	
40	4.10	0.00234957	
50	4.69	0.002687679	
60	5.01	0.00287106	
Max. Deviation (ppm)	5.01	0.00287106	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.35	3.55	0.002034384	± 2.5
3.80	4.63	0.002653295	
3.50	5.00	0.00286533	
Max. Deviation (ppm)	5.00	0.00286533	

Test Mode:	LTE Band 2_CH18900_15M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-10	2.25	0.001289398	± 2.5
0	5.65	0.003237822	
10	3.73	0.002137536	
20	-2.15	-0.001232092	
30	-4.33	-0.002481375	
40	5.96	0.003415473	
50	4.43	0.002538682	
60	1.45	0.000830946	
Max. Deviation (ppm)	5.96	0.003415473	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.35	0.96	0.000550143	± 2.5
3.80	-2.29	-0.001312321	
3.50	5.53	0.003169054	
Max. Deviation (ppm)	5.53	0.003169054	

Test Mode:	LTE Band 2_CH18900_20M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-10	4.47	0.002561605	± 2.5
0	3.81	0.002183381	
10	-2.41	-0.001381089	
20	-1.25	-0.000716332	
30	7.58	0.00434384	
40	3.28	0.001879656	
50	6.25	0.003581662	
60	-2.96	-0.001696275	
Max. Deviation (ppm)	7.58	0.00434384	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.35	6.35	0.003638968	± 2.5
3.80	3.63	0.002080229	
3.50	-1.77	-0.001014327	
Max. Deviation (ppm)	6.35	0.003638968	

End of Test Report