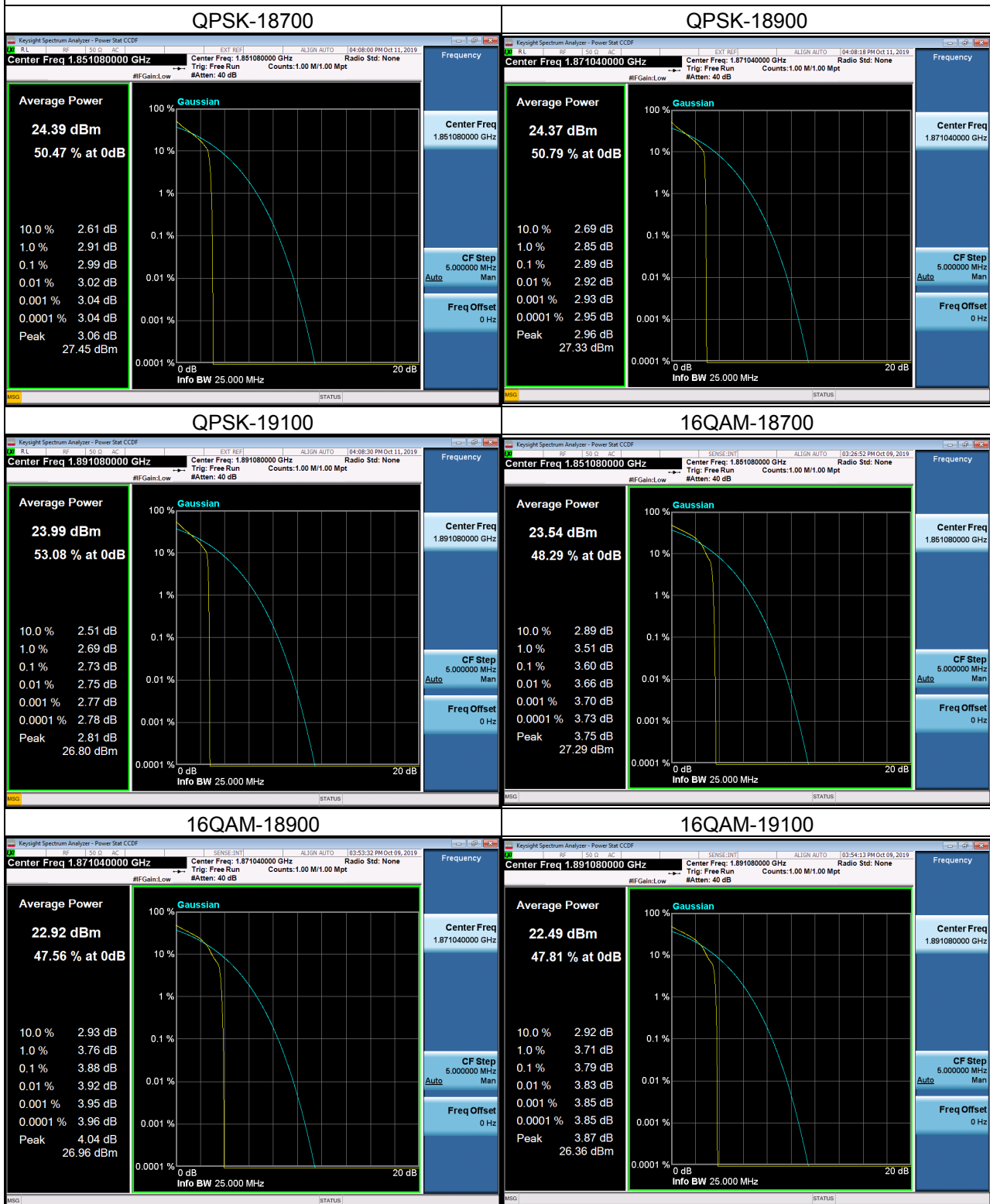


LTE Band 2_15M Spectrum Plot



LTE Band 2_20M Spectrum Plot



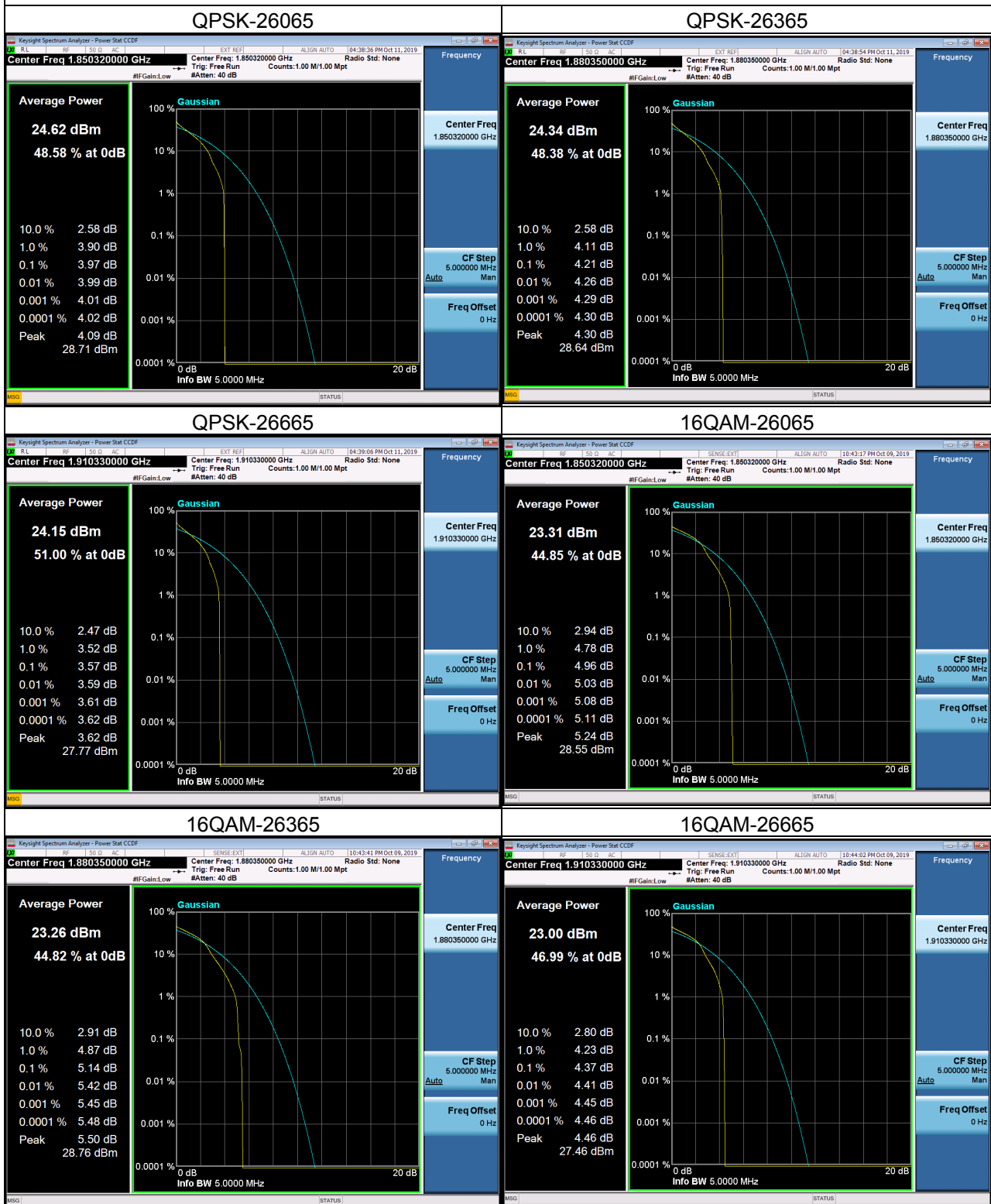
LTE Band 25_1.4M Spectrum Plot



LTE Band 25_3M Spectrum Plot



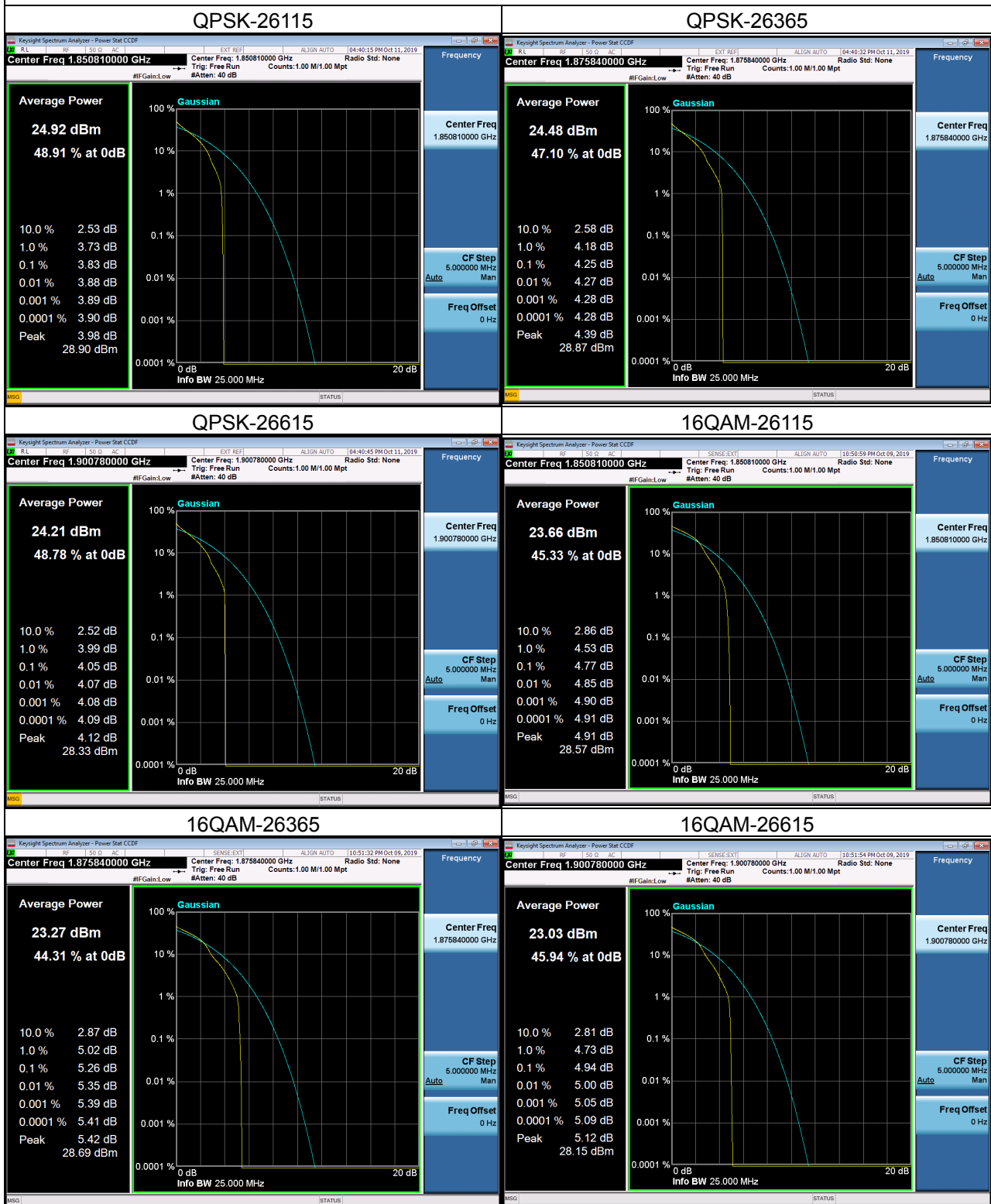
LTE Band 25_5M Spectrum Plot



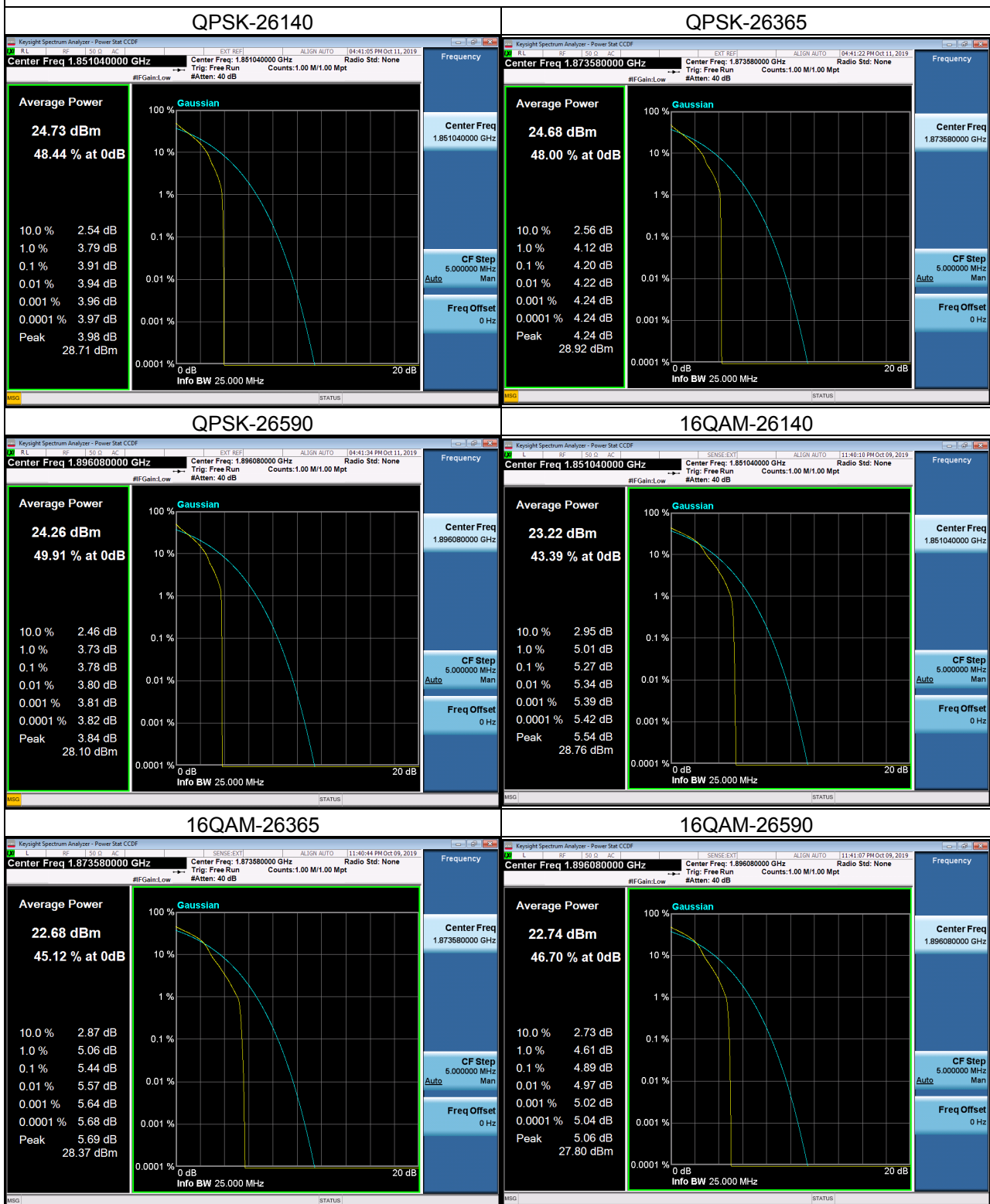
LTE Band 25_10M Spectrum Plot



LTE Band 25_15M Spectrum Plot



LTE Band 25_20M Spectrum Plot



APPENDIX I - FREQUENCY STABILITY

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)
0	1.83	0.000973404	±2.5
10	-3.04	-0.001617021	
20	-0.21	-0.000111702	
30	4.81	0.002558511	
40	1.00	0.000531915	
45	4.10	0.002180851	
Max. Deviation (ppm)	4.81	0.002558511	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.35	3.48	0.001851064	±2.5
3.8	1.40	0.000744681	
3.5	2.41	0.001281915	
Max. Deviation (ppm)	3.48	0.001851064	

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)
0	5.48	0.002914894	± 2.5
10	0.28	0.000148936	
20	-3.68	-0.001957447	
30	-4.91	-0.002611702	
40	0.83	0.000441489	
45	-0.76	-0.000404255	
Max. Deviation (ppm)	5.48	0.002914894	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.35	3.69	0.001962766	± 2.5
3.8	2.01	0.001069149	
3.5	3.43	0.001824468	
Max. Deviation (ppm)	3.69	0.001962766	

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)
0	3.03	0.001611702	±2.5
10	3.17	0.00168617	
20	5.21	0.002771277	
30	-0.30	-0.000159574	
40	6.84	0.003638298	
45	5.82	0.003095745	
Max. Deviation (ppm)	6.84	0.003638298	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.35	-3.53	-0.00187766	±2.5
3.8	-1.92	-0.001021277	
3.5	2.08	0.001106383	
Max. Deviation (ppm)	-3.53	-0.00187766	

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)
0	5.47	0.002909574	± 2.5
10	6.32	0.003361702	
20	2.75	0.001462766	
30	-3.32	-0.001765957	
40	6.91	0.003675532	
45	4.03	0.002143617	
Max. Deviation (ppm)	6.91	0.003675532	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.35	4.81	0.002558511	± 2.5
3.8	-2.84	-0.001510638	
3.5	-1.65	-0.00087766	
Max. Deviation (ppm)	4.81	0.002558511	

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)
0	3.75	0.001994681	± 2.5
10	6.08	0.003234043	
20	5.93	0.003154255	
30	2.15	0.001143617	
40	-5.11	-0.002718085	
45	-6.02	-0.003202128	
Max. Deviation (ppm)	6.08	0.003234043	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.35	2.67	0.001420213	± 2.5
3.8	2.01	0.001069149	
3.5	-0.69	-0.000367021	
Max. Deviation (ppm)	2.67	0.001420213	

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)
0	-7.12	-0.003787234	± 2.5
10	-2.89	-0.001537234	
20	0.22	0.000117021	
30	-5.84	-0.003106383	
40	2.10	0.001117021	
45	-0.49	-0.000260638	
Max. Deviation (ppm)	-7.12	-0.003787234	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.35	2.75	0.001462766	± 2.5
3.8	-2.95	-0.001569149	
3.5	1.09	0.000579787	
Max. Deviation (ppm)	-2.95	-0.001569149	

Test Mode	LTE Band 25_CH26365_1.4M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
0	2.85	0.001513944	± 2.5
10	7.44	0.003952191	
20	1.27	0.000674635	
30	3.25	0.001726428	
40	-1.93	0.001025232	
45	-2.51	0.001333333	
Max. Deviation (ppm)	7.44	0.003952191	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.35	1.69	0.000897742	± 2.5
3.8	2.92	0.001551129	
3.5	-5.29	0.002810093	
Max. Deviation (ppm)	-5.29	0.002810093	

Test Mode	LTE Band 25_CH26365_3M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
0	3.29	0.001747676	± 2.5
10	6.82	0.003622842	
20	6.46	0.003431607	
30	1.14	0.000605578	
40	3.55	0.00188579	
45	-1.44	0.00076494	
Max. Deviation (ppm)	6.82	0.003622842	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.35	-0.85	0.000451527	± 2.5
3.8	4.19	0.002225764	
3.5	-0.71	0.000377158	
Max. Deviation (ppm)	4.19	0.002225764	

Test Mode	LTE Band 25_CH26365_5M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
0	-3.36	-0.001784861	± 2.5
10	6.39	0.003394422	
20	1.69	0.000897742	
30	-3.33	-0.001768924	
40	5.99	0.003181939	
45	-0.51	-0.000270916	
Max. Deviation (ppm)	6.39	0.003394422	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.35	-3.54	-0.001880478	± 2.5
3.8	5.22	0.002772908	
3.5	1.62	0.000860558	
Max. Deviation (ppm)	5.22	0.002772908	

Test Mode	LTE Band 25_CH26365_10M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
0	-1.38	-0.000733068	± 2.5
10	-0.59	-0.000313413	
20	3.81	0.002023904	
30	4.63	0.002459495	
40	4.86	0.002581673	
45	-4.21	-0.002236388	
Max. Deviation (ppm)	4.86	0.002581673	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.35	4.72	0.002507304	± 2.5
3.8	2.81	0.001492696	
3.5	5.47	0.00290571	
Max. Deviation (ppm)	5.47	0.00290571	

Test Mode	LTE Band 25_CH26365_15M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
0	5.49	0.002916335	± 2.5
10	-0.68	-0.000361222	
20	5.08	0.002698539	
30	5.08	0.002698539	
40	3.26	0.00173174	
45	-4.72	-0.002507304	
Max. Deviation (ppm)	5.49	0.002916335	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.35	2.77	0.001471448	± 2.5
3.8	-4.34	-0.002305445	
3.5	-1.18	-0.000626826	
Max. Deviation (ppm)	-4.34	-0.002305445	

Test Mode	LTE Band 25_CH26365_20M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
0	4.57	0.002427623	± 2.5
10	2.26	0.001200531	
20	2.32	0.001232404	
30	5.74	0.003049137	
40	-5.99	-0.003181939	
45	4.71	0.002501992	
Max. Deviation (ppm)	-5.99	-0.003181939	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.35	-2.58	-0.001370518	± 2.5
3.8	1.82	0.000966799	
3.5	-2.65	-0.001407703	
Max. Deviation (ppm)	-2.65	-0.001407703	

End of Test Report