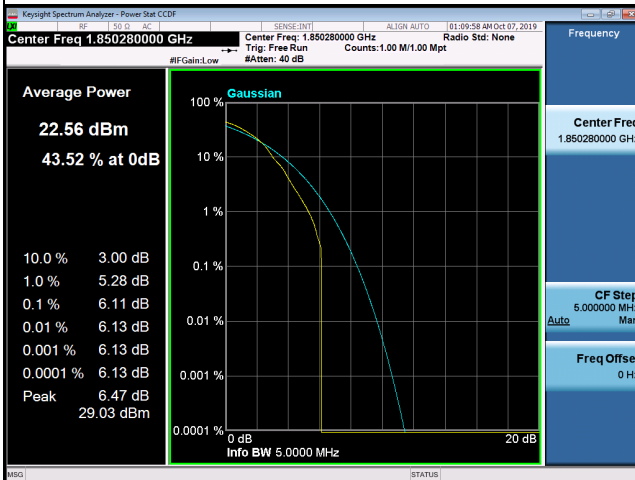


LTE Band 2_1.4M Spectrum Plot

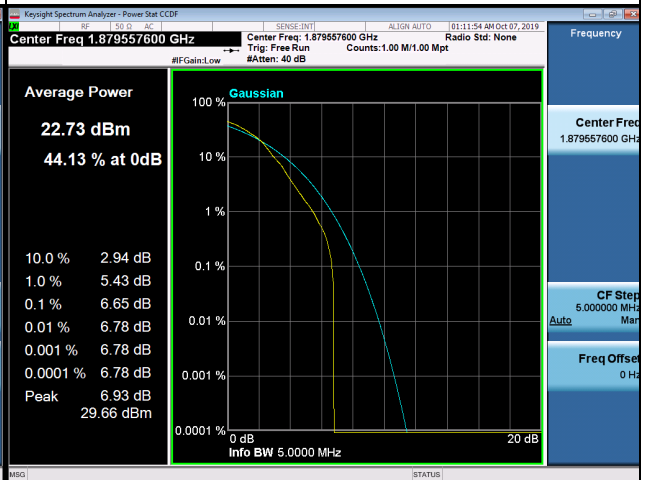


LTE Band 2_1.4M Spectrum Plot

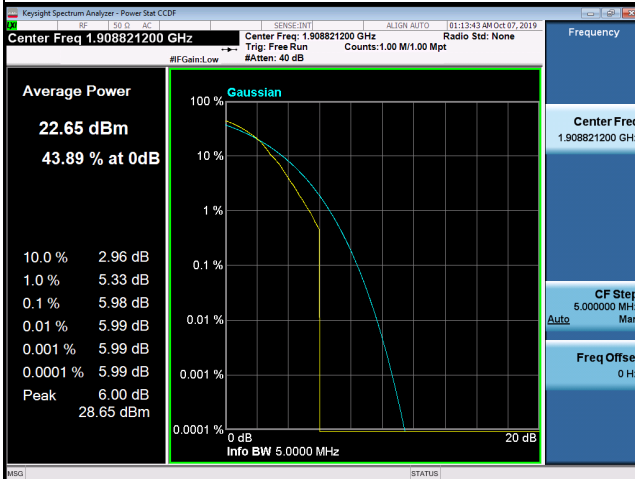
64QAM-18607



64QAM-18900



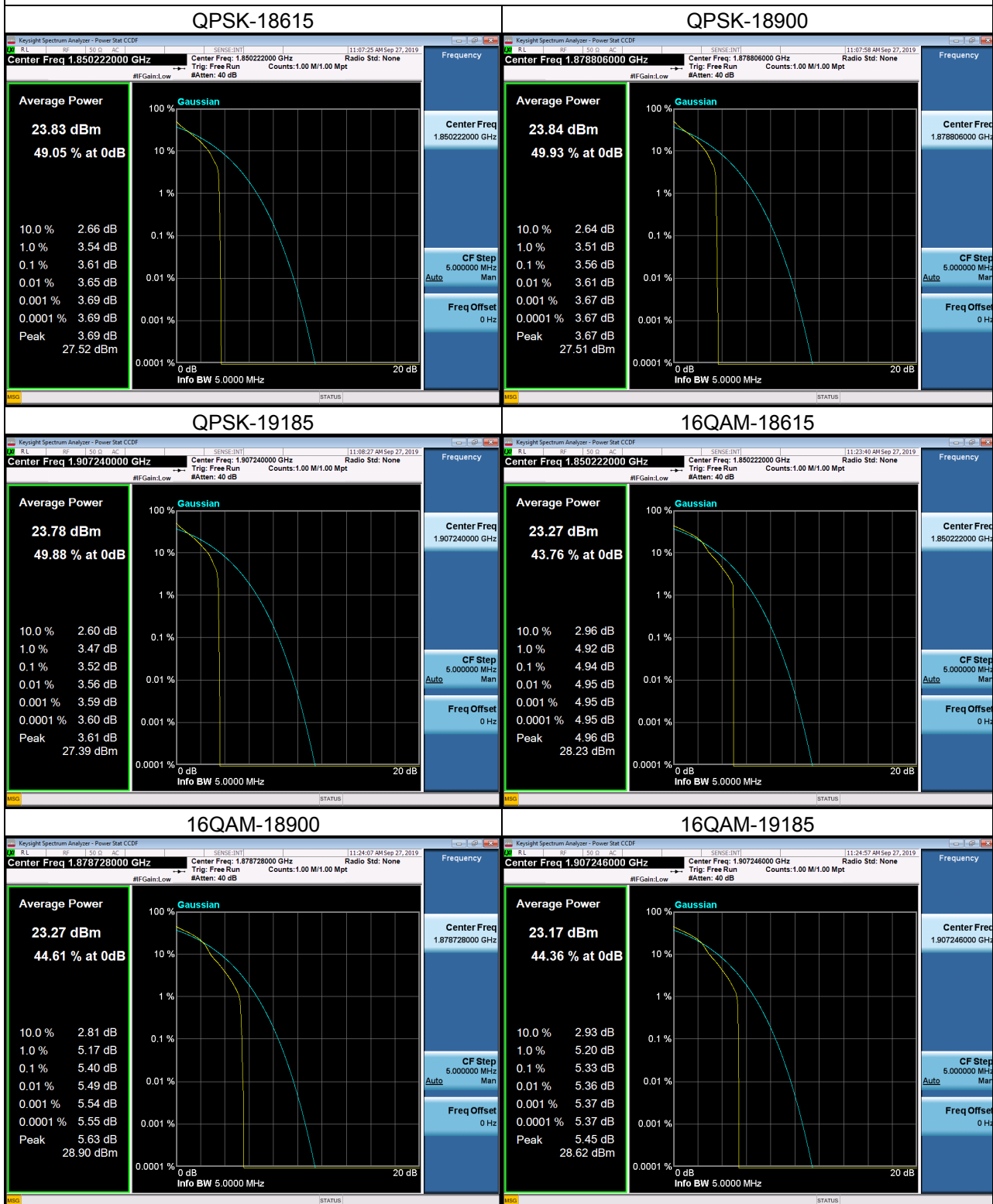
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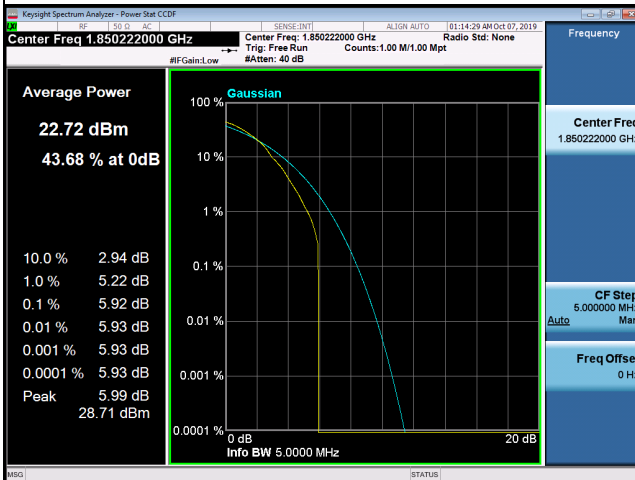
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LTE Band 2_3M Spectrum Plot

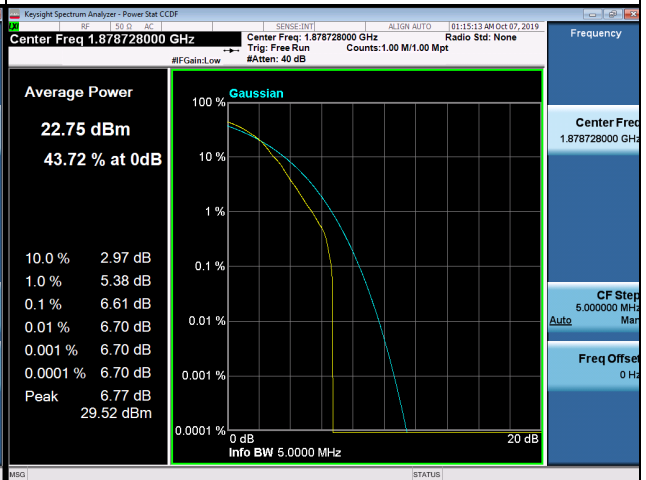


LTE Band 2_3M Spectrum Plot

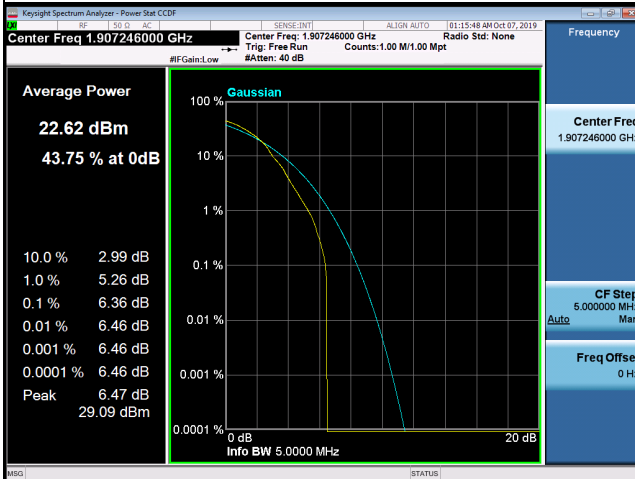
64QAM-18615



64QAM-18900



64QAM-19185



-

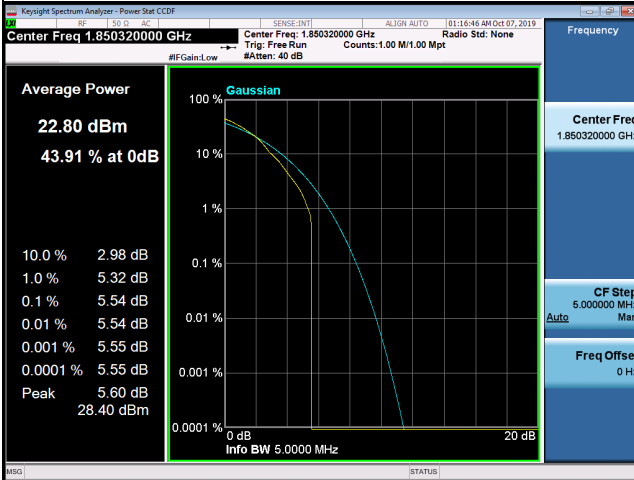
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LTE Band 2_5M Spectrum Plot

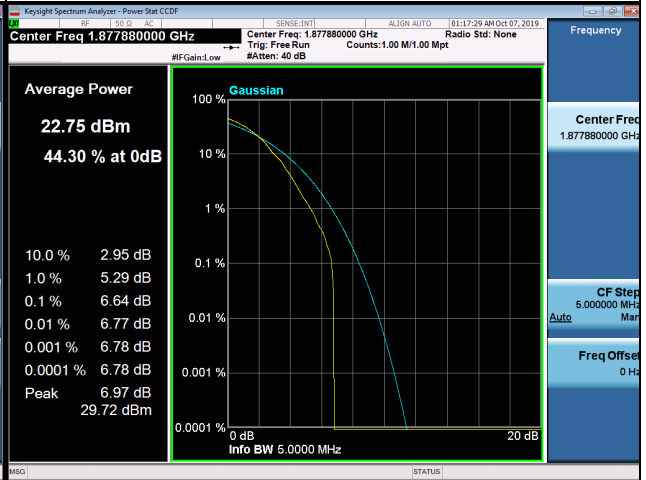


LTE Band 2_5M Spectrum Plot

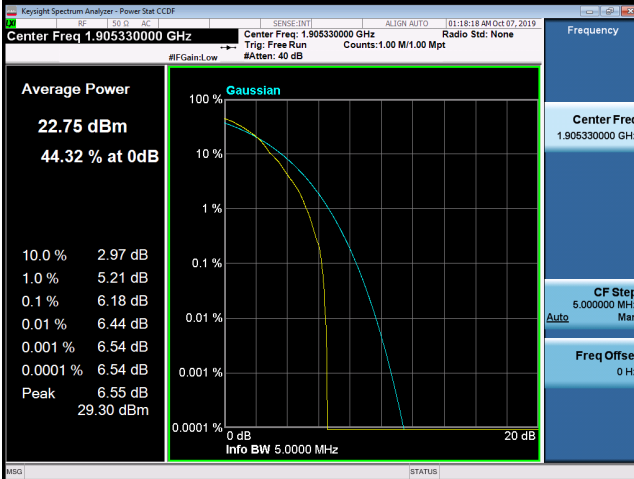
64QAM-18625



64QAM-18900



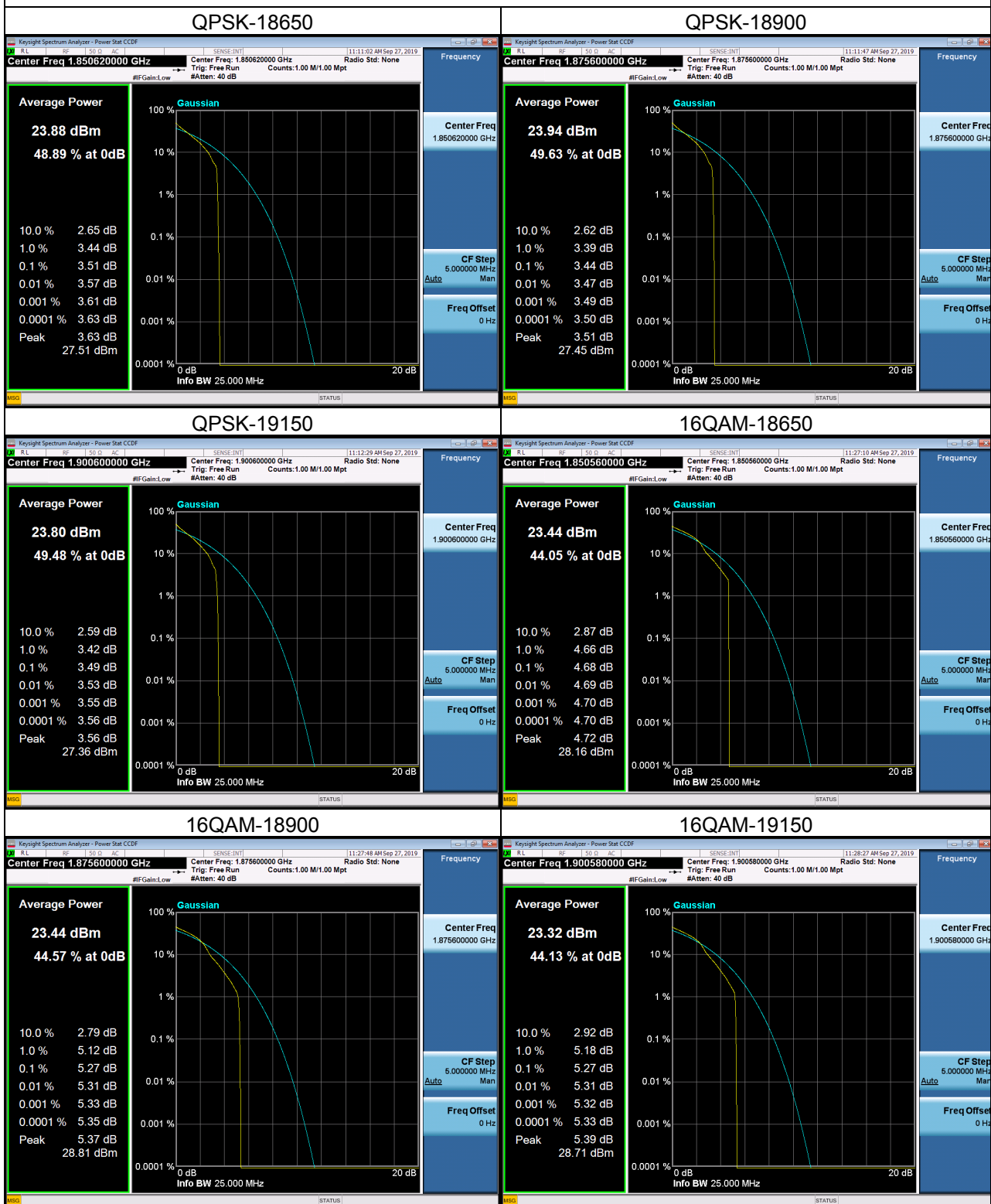
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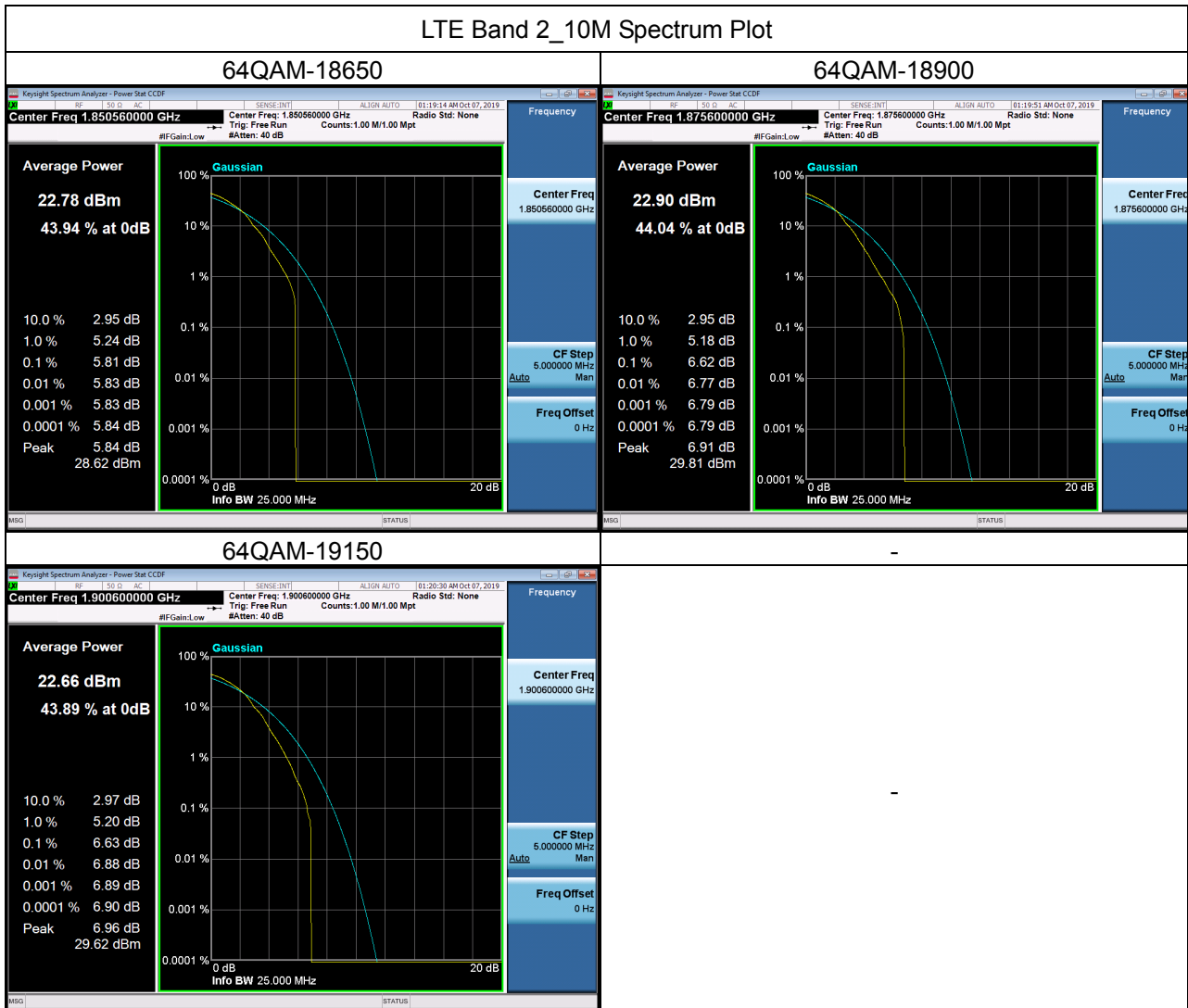
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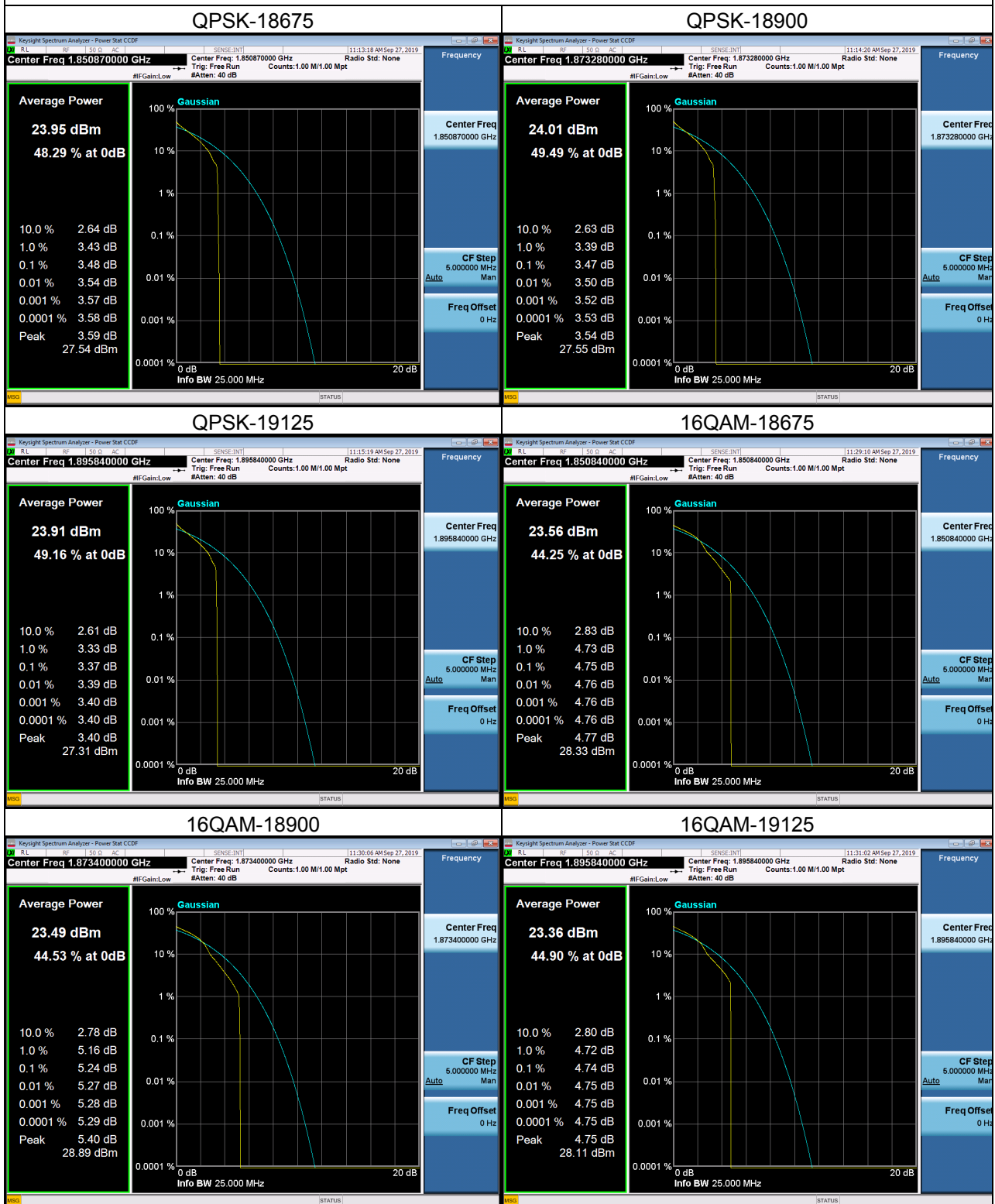
LTE Band 2_10M Spectrum Plot



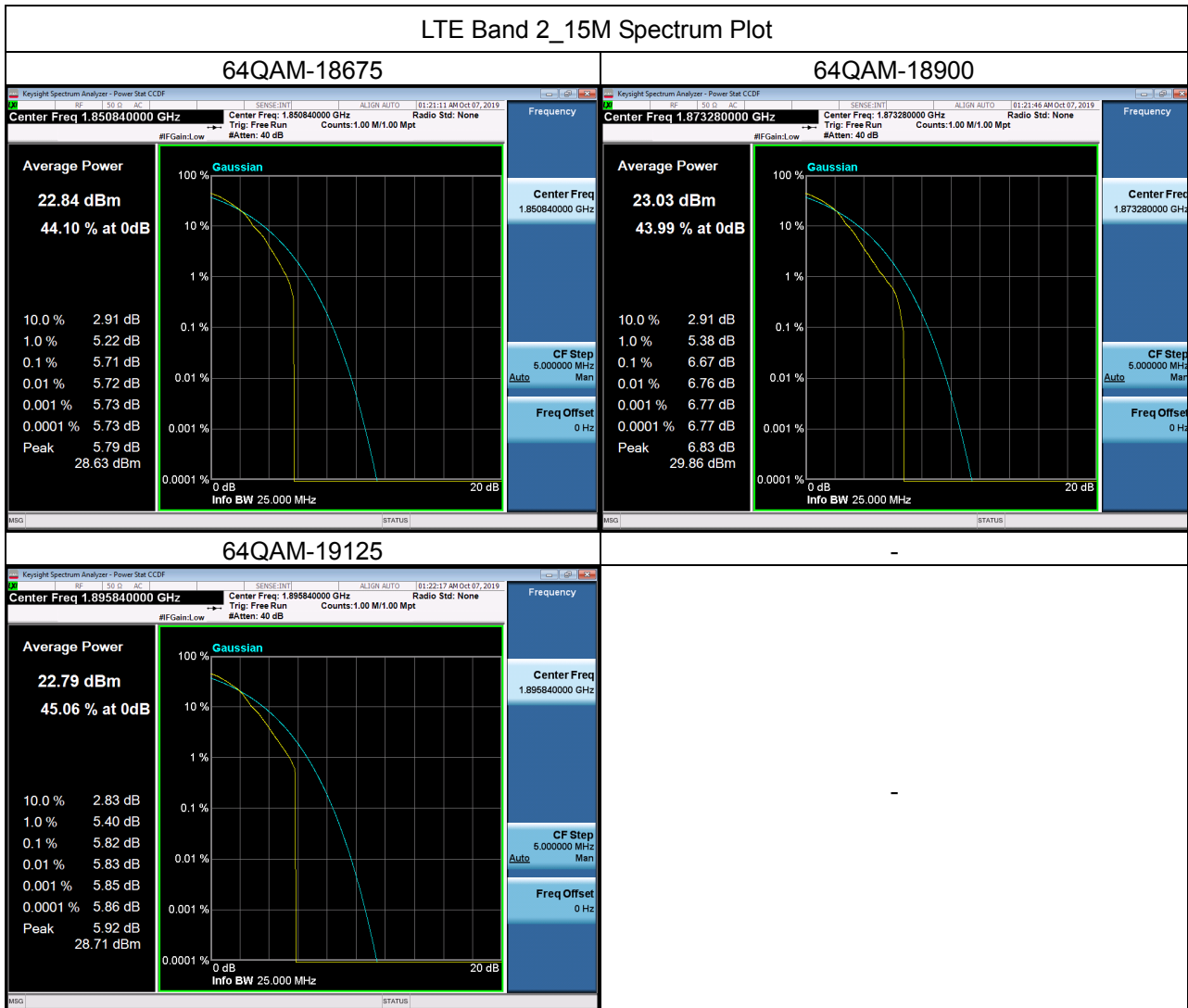
LTE Band 2_10M Spectrum Plot



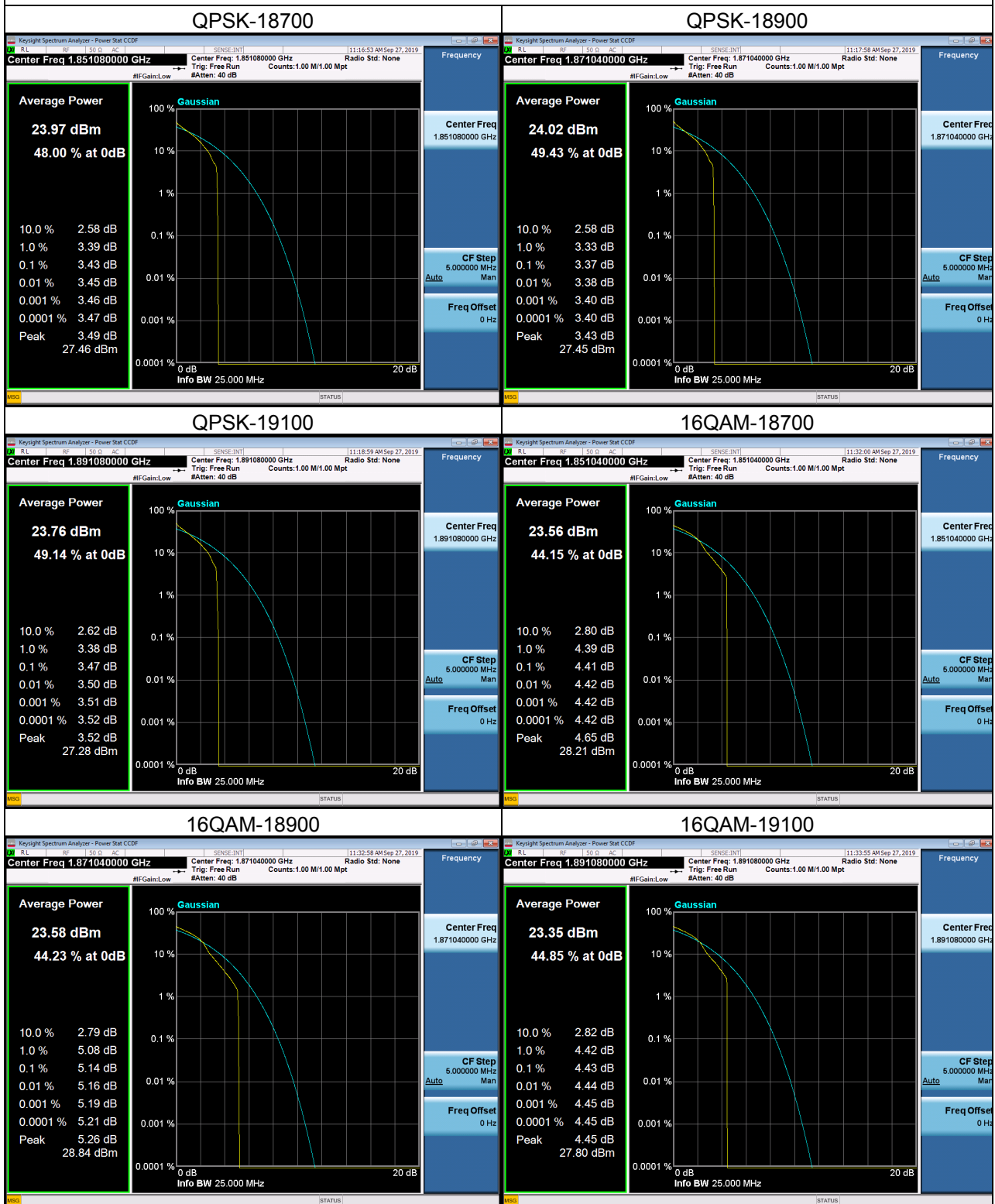
LTE Band 2_15M Spectrum Plot



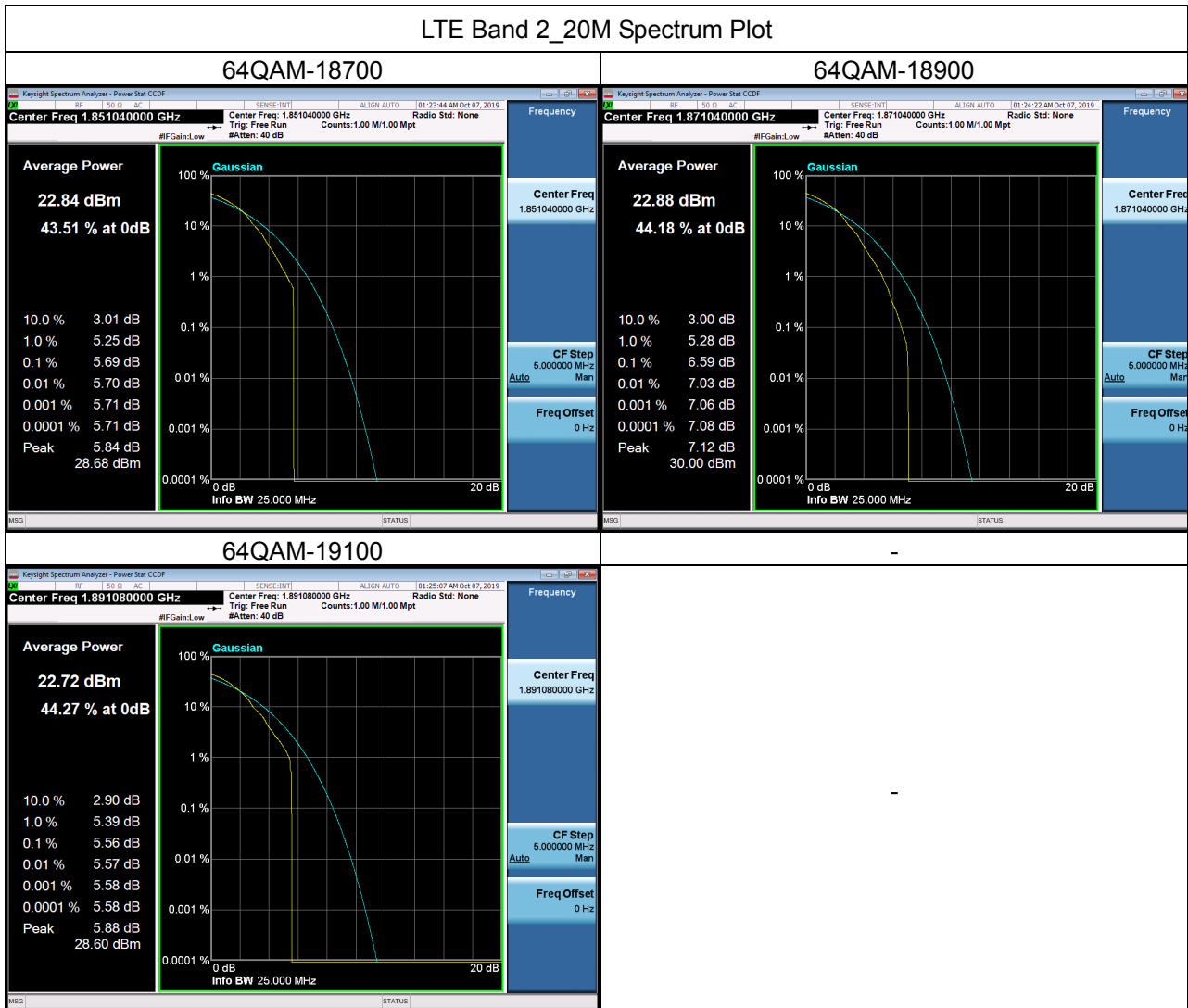
LTE Band 2_15M Spectrum Plot



LTE Band 2_20M Spectrum Plot



LTE Band 2_20M Spectrum Plot



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)
0	3.62	0.001925532	± 2.5
5	5.27	0.002803191	
15	5.61	0.002984043	
25	3.86	0.002053191	
35	4.46	0.00237234	
Max. Deviation (ppm)	5.61	0.002984043	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	3.65	0.001941489	± 2.5
3.87	3.26	0.001734043	
3.60	3.57	0.001898936	
Max. Deviation (ppm)	3.65	0.001941489	

Test Mode	WCDMA Band II_CH9400
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
0	2.86	0.001521277	± 2.5
5	3.60	0.001914894	
15	7.21	0.003835106	
25	2.57	0.001367021	
35	3.84	0.002042553	
Max. Deviation (ppm)	7.21	0.003835106	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	1.02	0.000542553	± 2.5
3.87	2.65	0.001409574	
3.60	3.51	0.001867021	
Max. Deviation (ppm)	3.51	0.001867021	

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	-1.21	-0.000643617	± 2.5
5	0.87	0.000462766	
15	1.48	0.000787234	
25	2.54	0.001351064	
35	2.68	0.001425532	
Max. Deviation (ppm)	2.68	0.001425532	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	1.45	0.000771277	± 2.5
3.87	4.34	0.002308511	
3.60	-2.50	-0.001329787	
Max. Deviation (ppm)	4.34	0.002308511	

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	5.04	0.002680851	±2.5
5	2.91	0.001547872	
15	2.09	0.001111702	
25	-2.01	-0.001069149	
35	-2.35	-0.00125	
Max. Deviation (ppm)	-7.79	0.002680851	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	2.70	0.00143617	±2.5
3.87	1.23	0.000654255	
3.60	1.89	0.001005319	
Max. Deviation (ppm)	2.7	0.00143617	

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	7.32	0.003893617	± 2.5
5	-4.50	-0.002393617	
15	2.16	0.001148936	
25	-0.32	-0.000170213	
35	-7.77	-0.004132979	
Max. Deviation (ppm)	-7.77	-0.004132979	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	4.33	0.002303191	± 2.5
3.87	-3.78	-0.002010638	
3.60	-5.21	-0.002771277	
Max. Deviation (ppm)	-5.21	-0.002771277	

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	-4.42	-0.002351064	± 2.5
5	2.99	0.001590426	
15	-4.17	-0.002218085	
25	-3.67	-0.001952128	
35	1.91	0.001015957	
Max. Deviation (ppm)	-4.42	-0.002351064	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	5.31	0.002824468	± 2.5
3.87	-2.02	-0.001074468	
3.60	2.94	0.00156383	
Max. Deviation (ppm)	5.31	0.002824468	

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	4.23	0.00225	± 2.5
5	4.13	0.002196809	
15	0.42	0.000223404	
25	2.64	0.001404255	
35	5.04	0.002680851	
Max. Deviation (ppm)	5.04	0.002680851	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	2.08	0.001106383	± 2.5
3.87	1.72	0.000914894	
3.60	-5.26	-0.002797872	
Max. Deviation (ppm)	-5.26	-0.002797872	

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	7.77	0.004132979	± 2.5
5	-4.82	-0.00256383	
15	-5.87	-0.00312234	
25	3.34	0.001776596	
35	2.29	0.001218085	
Max. Deviation (ppm)	7.77	0.004132979	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	1.15	0.000611702	± 2.5
3.87	-4.16	-0.002212766	
3.60	1.77	0.000941489	
Max. Deviation (ppm)	-4.16	-0.002212766	

End of Test Report