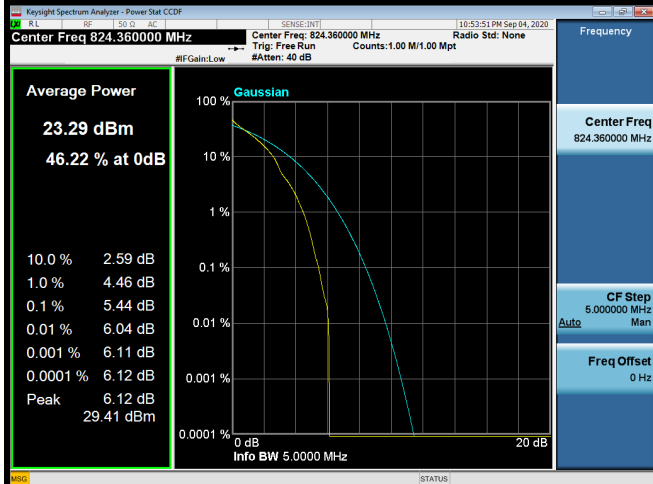
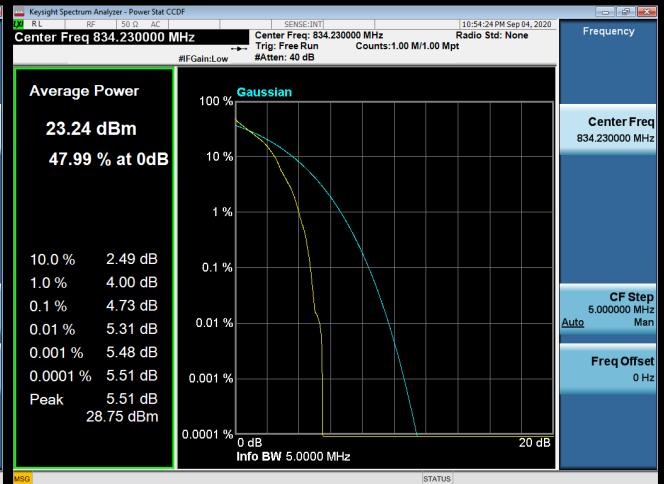


LTE Band 5_5M Spectrum Plot

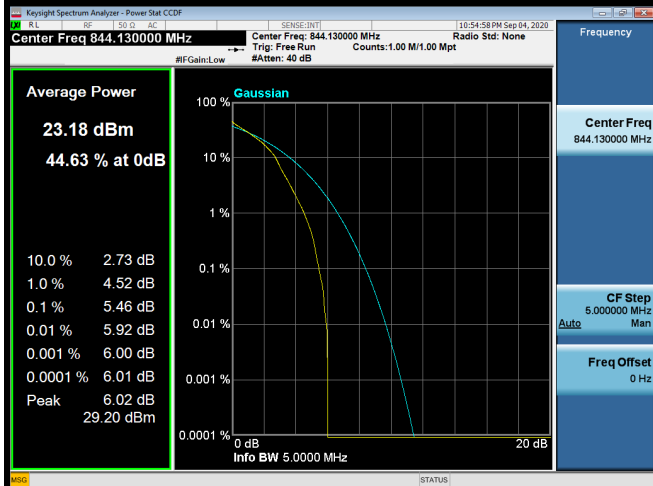
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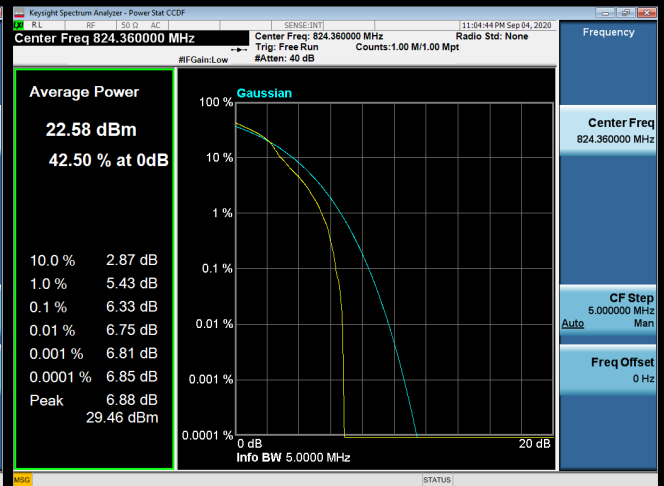
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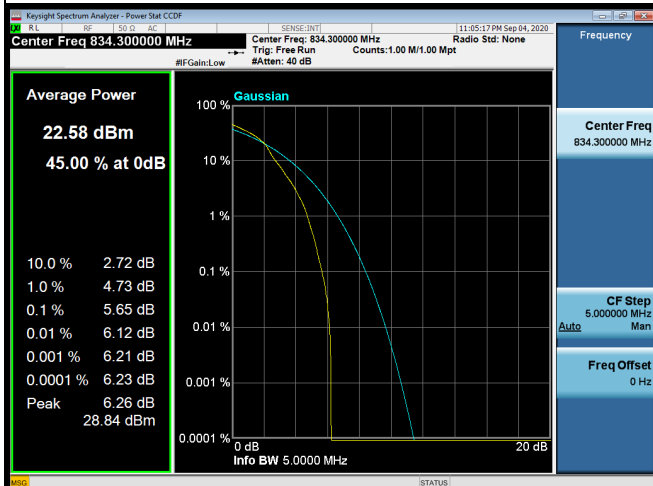
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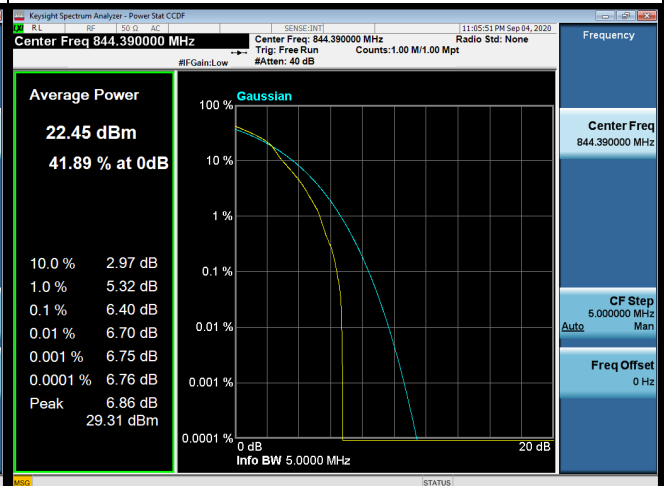
16QAM-20425



16QAM-20525

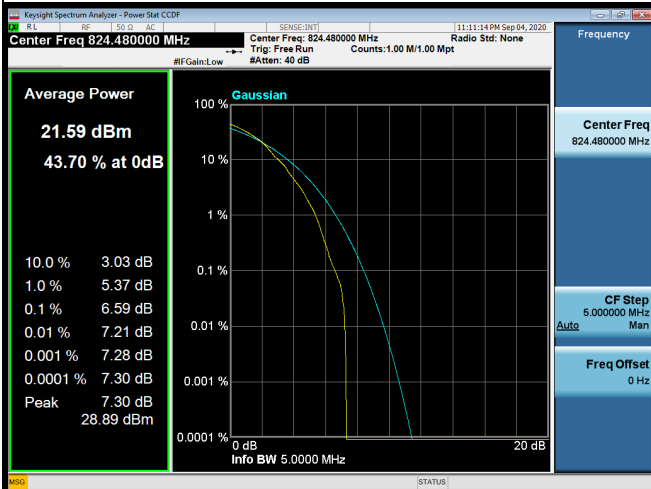


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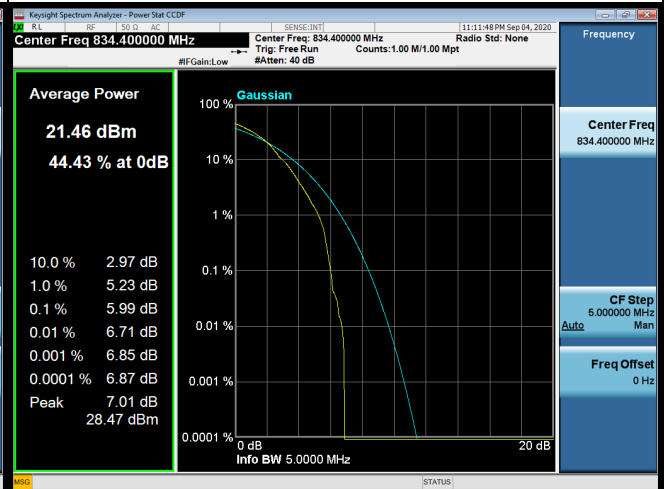


LTE Band 5_5M Spectrum Plot

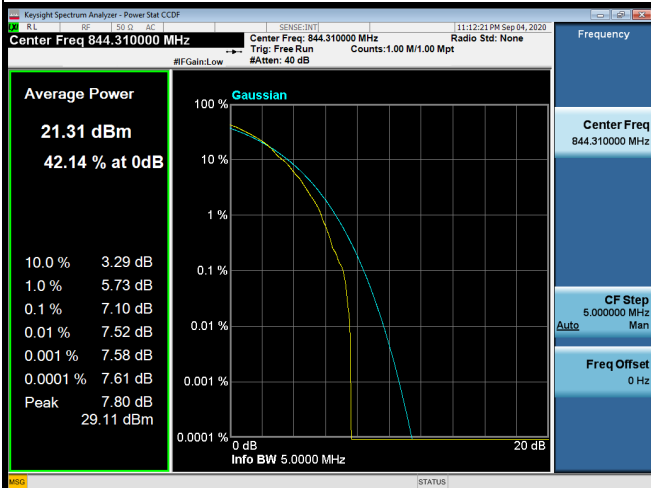
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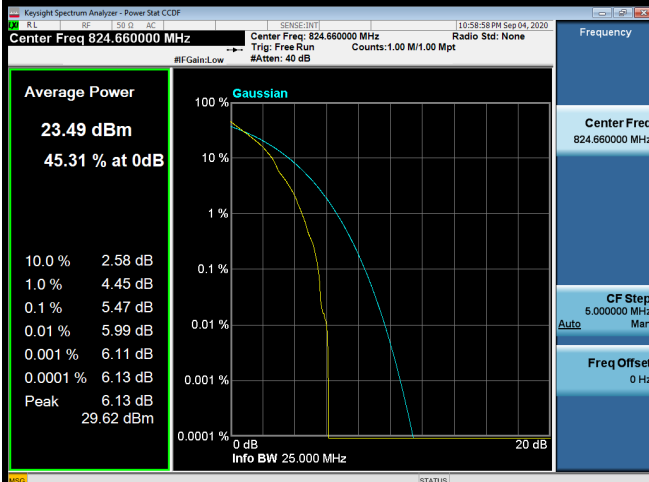


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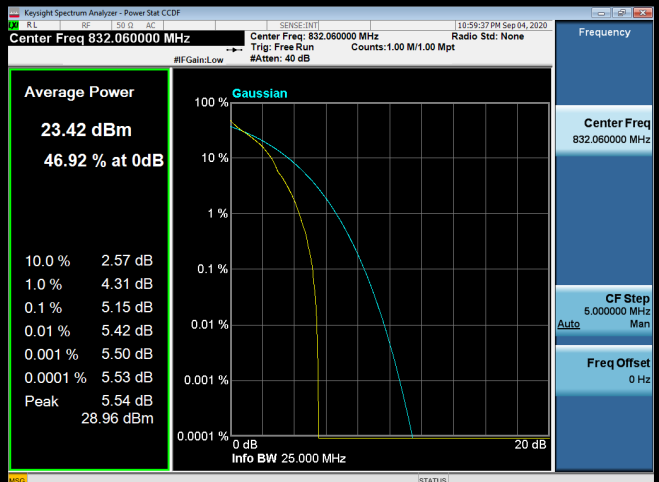


LTE Band 5_10M Spectrum Plot

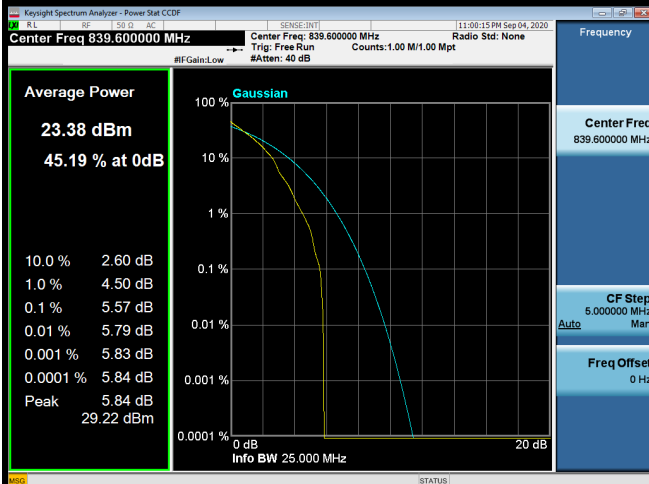
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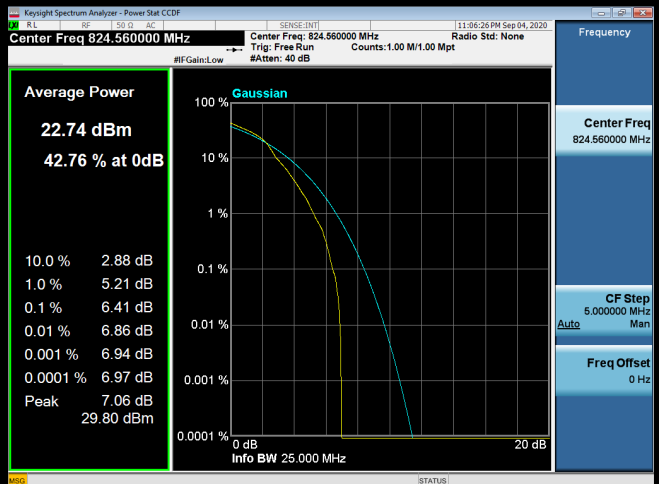
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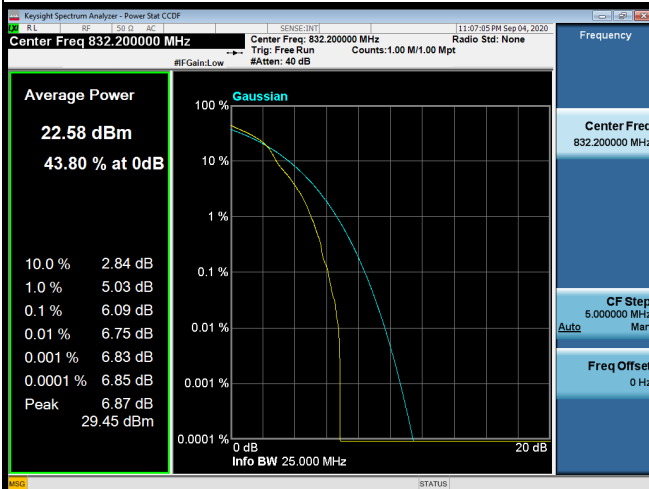
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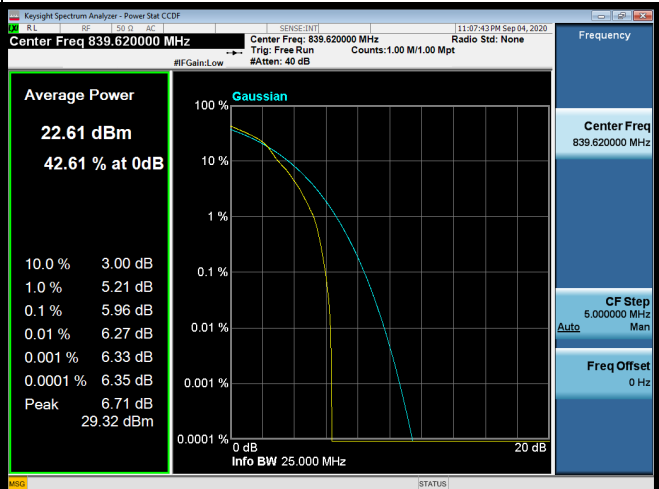
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16QAM-20525

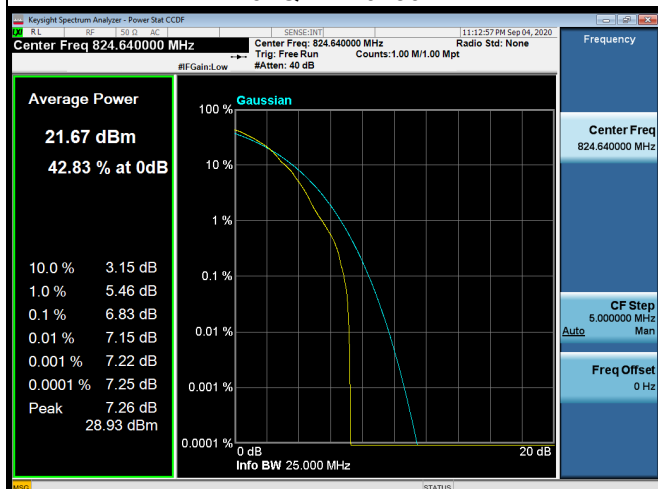


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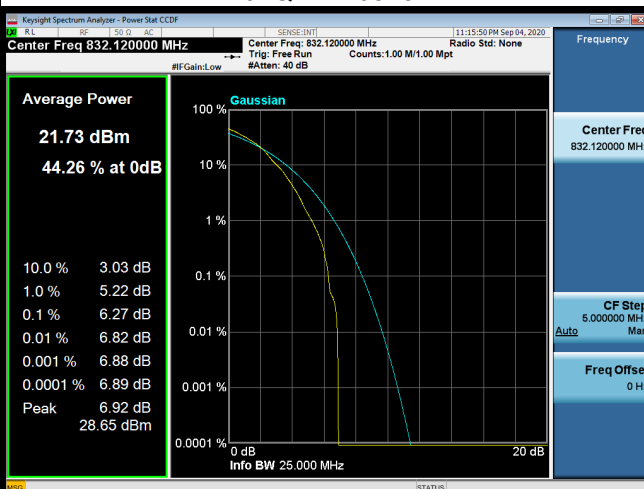


LTE Band 5_10M Spectrum Plot

64QAM-20450



64QAM-20525

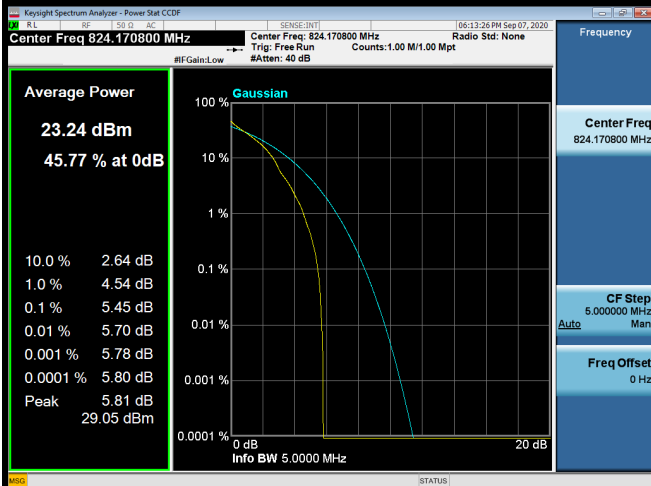


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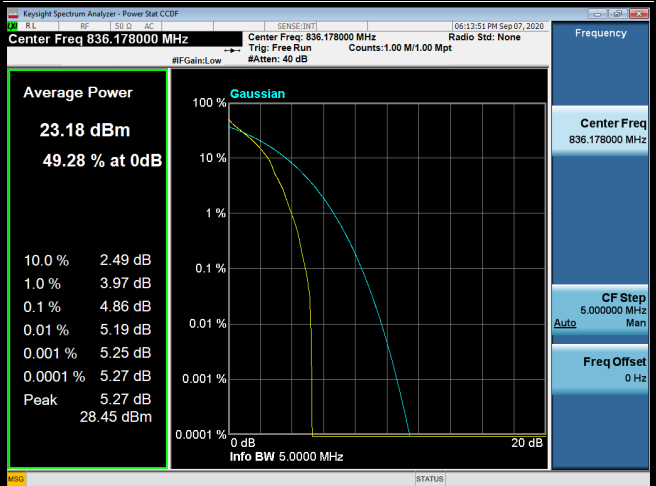


LTE Band 26_1.4M Spectrum Plot

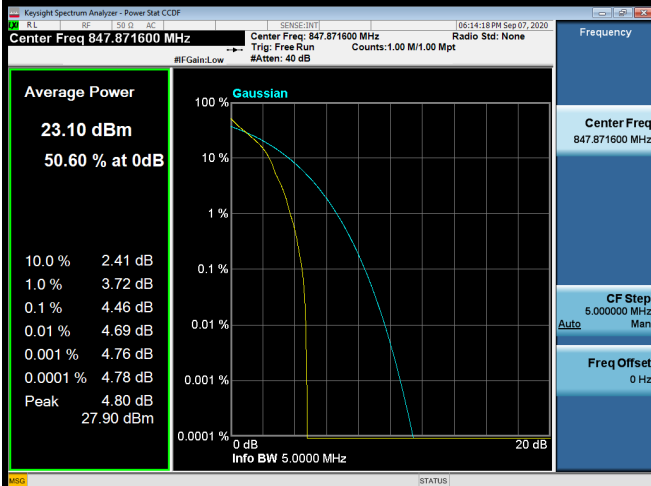
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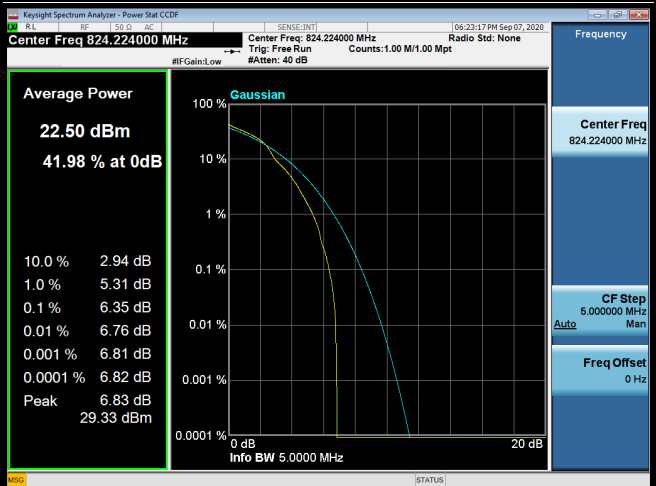
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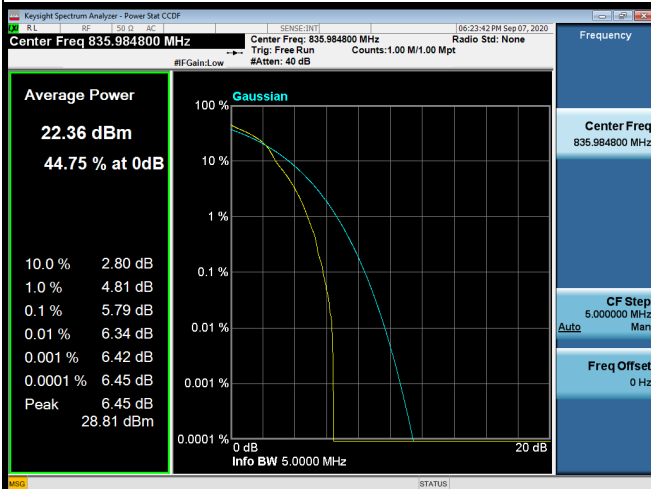
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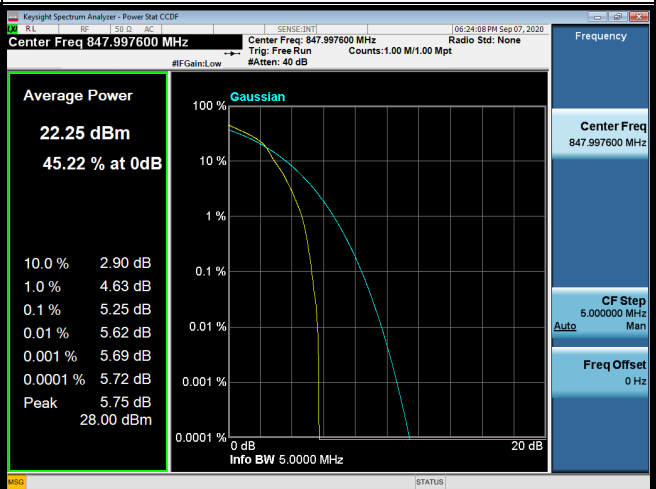
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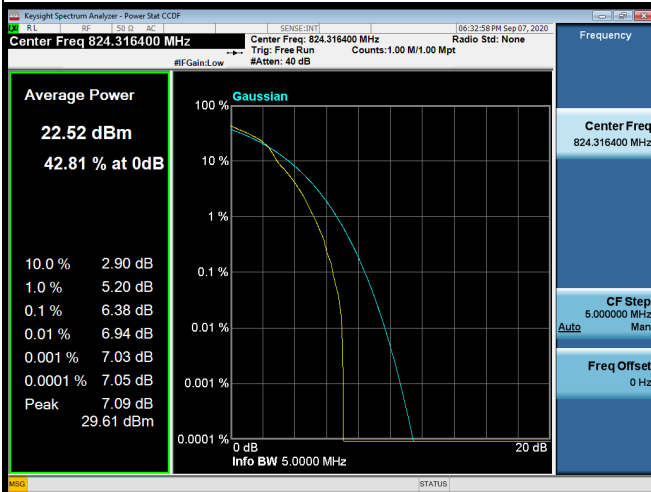


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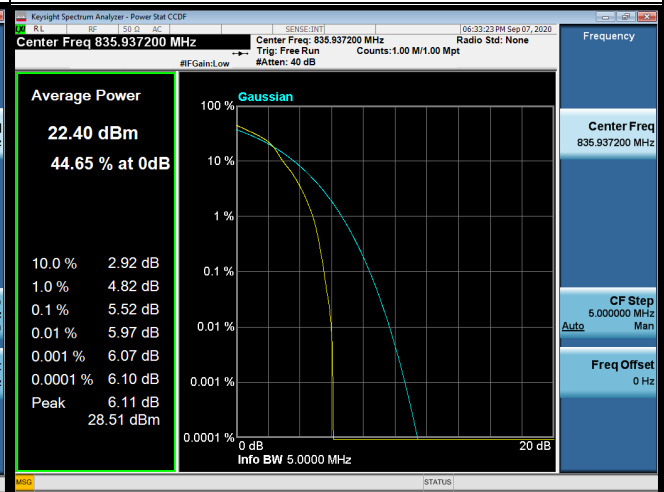


LTE Band 26_1.4M Spectrum Plot

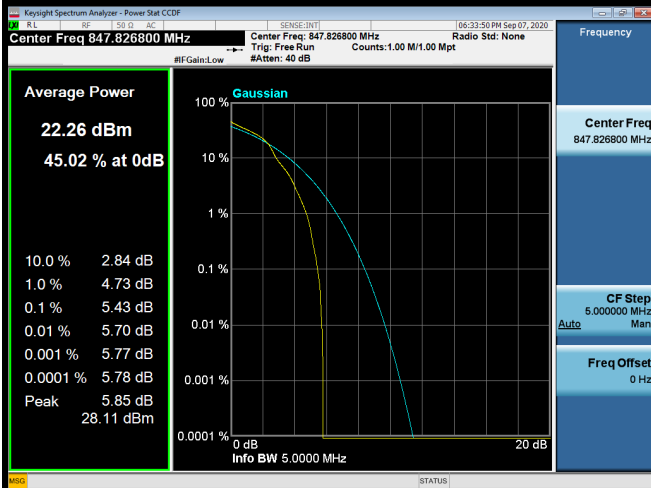
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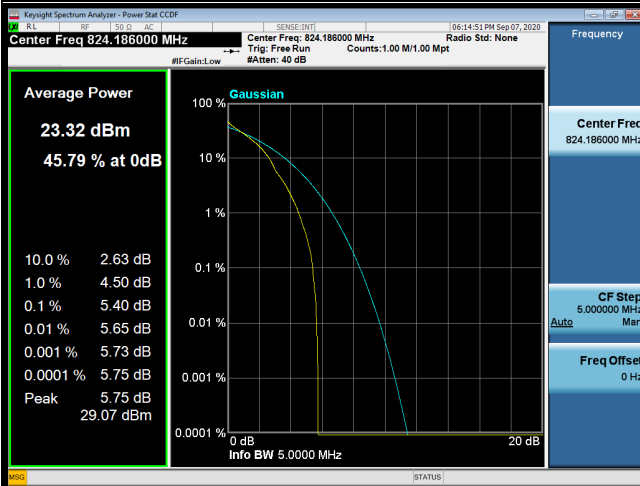


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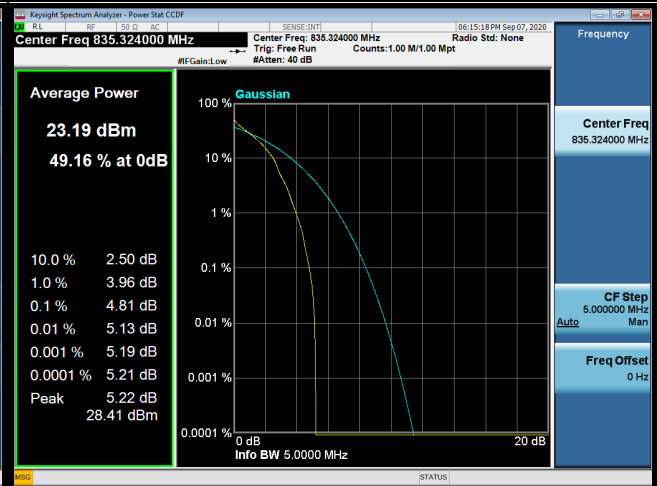


LTE Band 26_3M Spectrum Plot

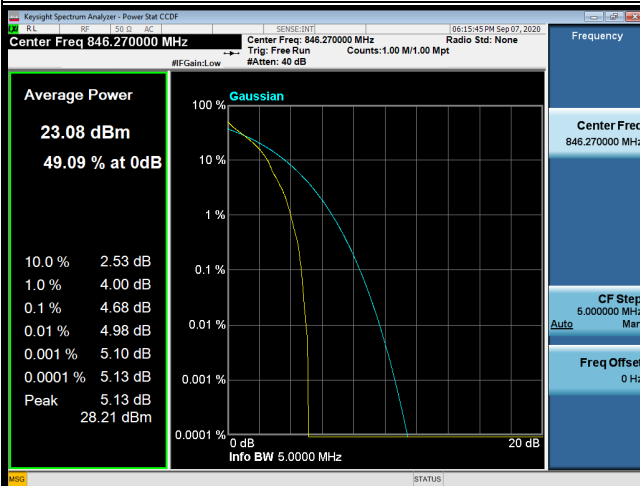
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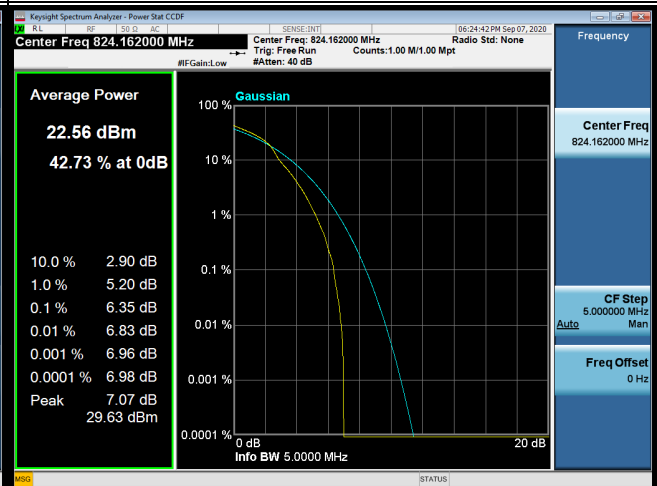
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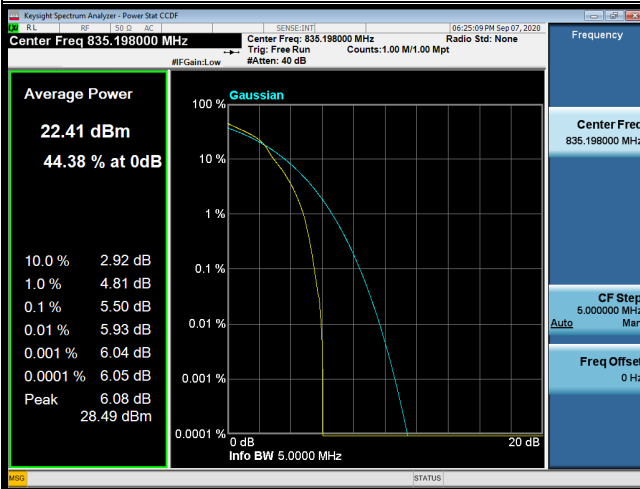
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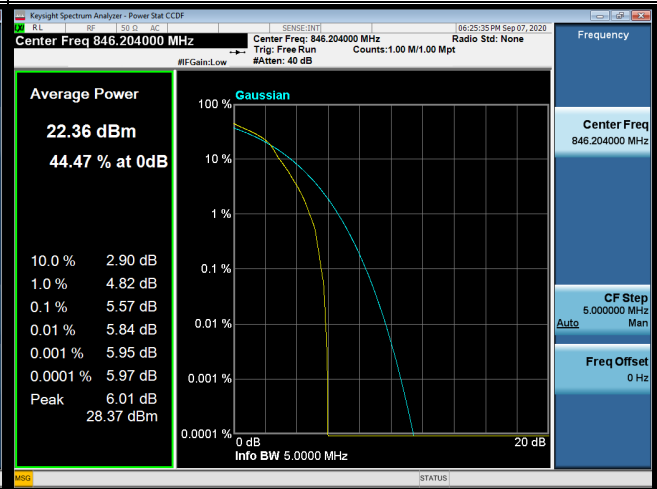
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16QAM-26915

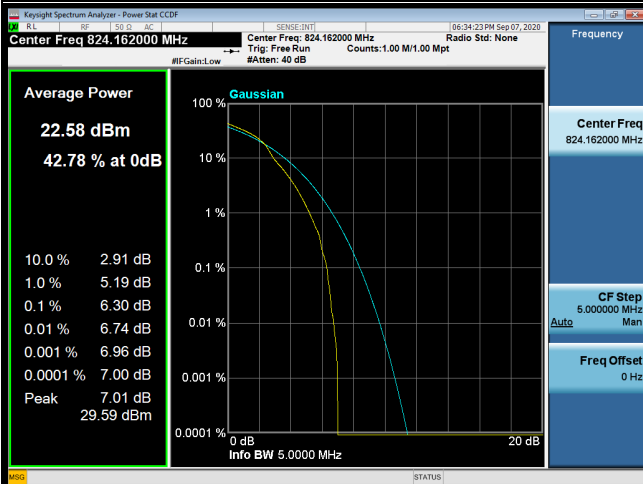


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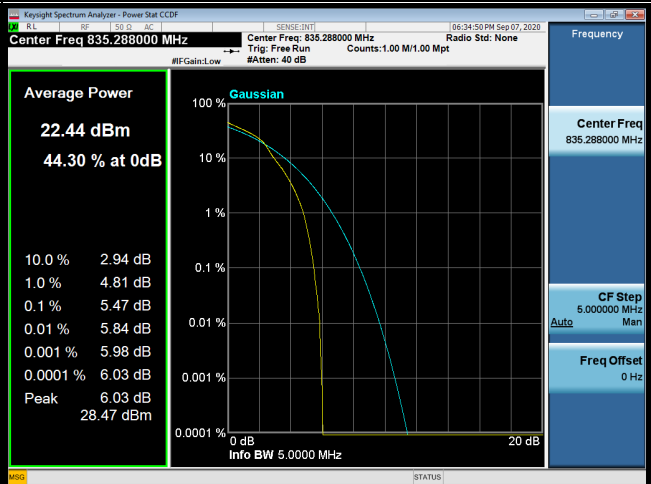


LTE Band 26_3M Spectrum Plot

64QAM-26805



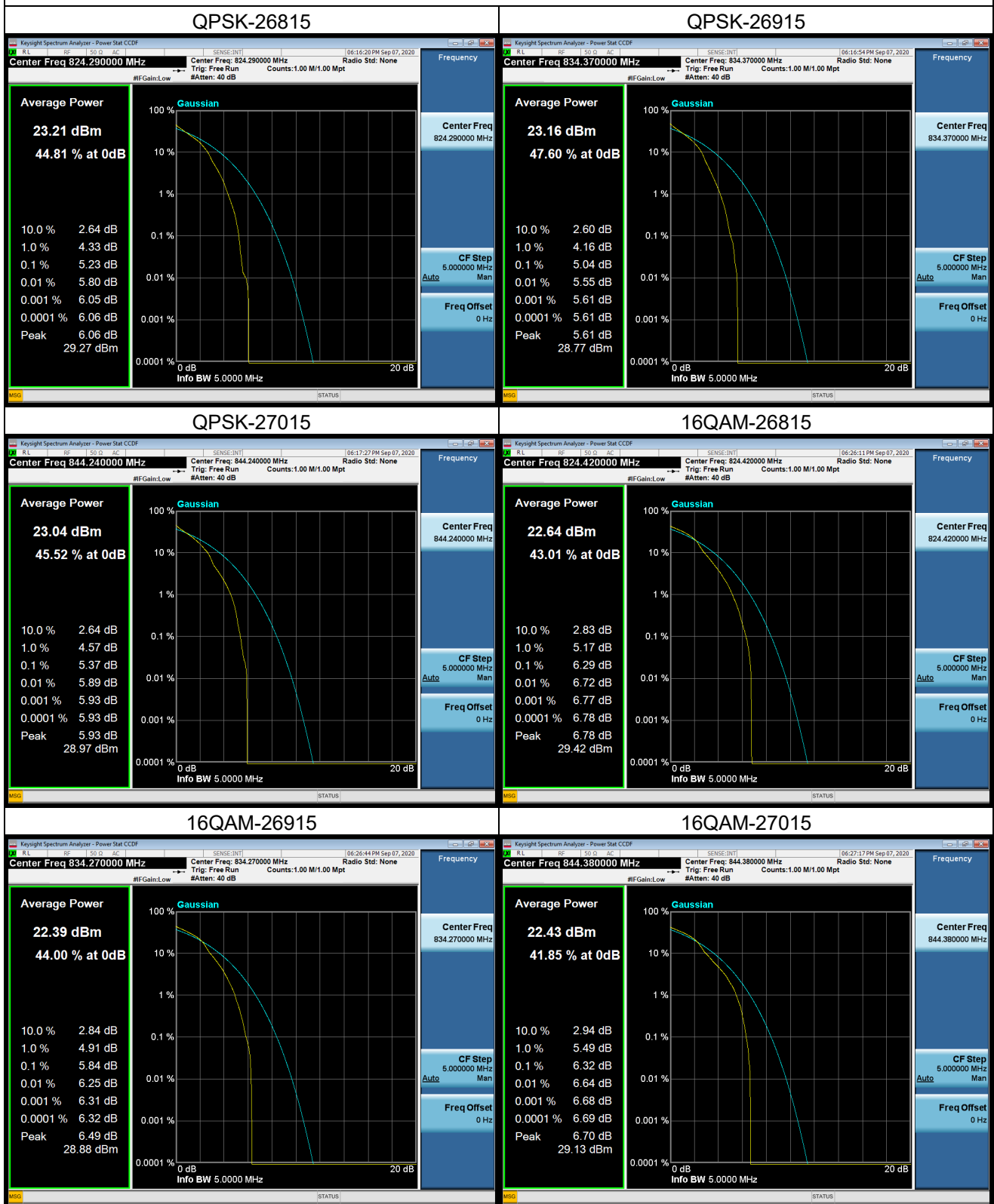
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64QAM-27025

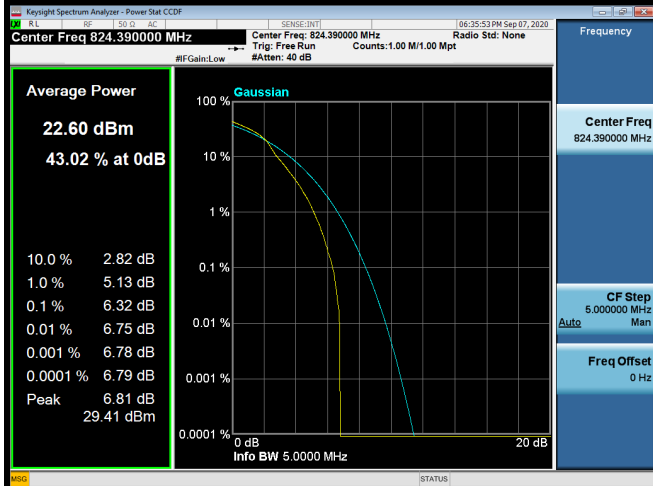


LTE Band 26_5M Spectrum Plot

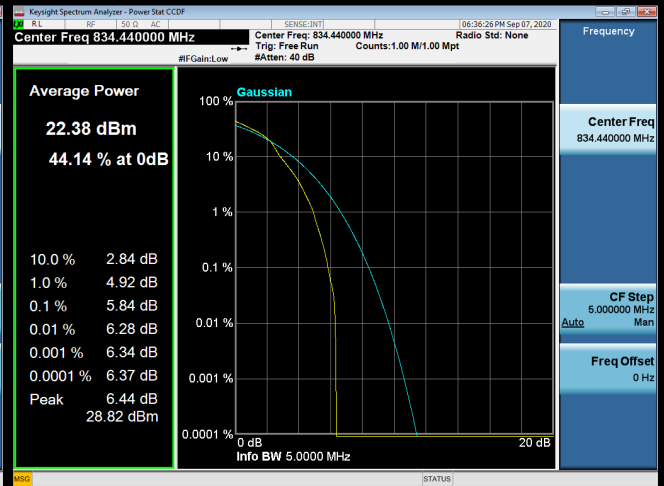


LTE Band 26_5M Spectrum Plot

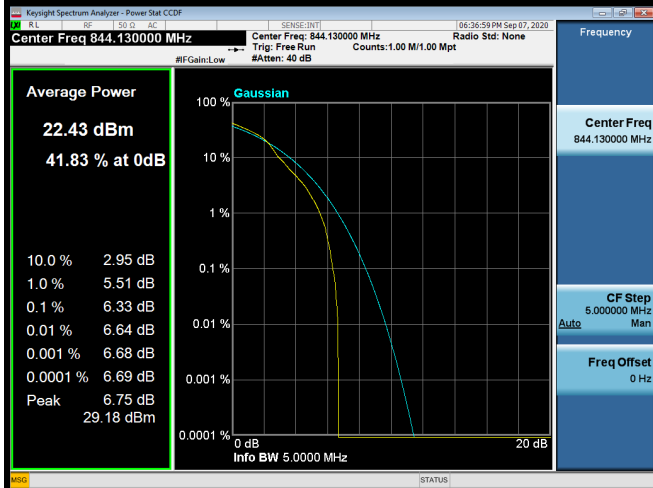
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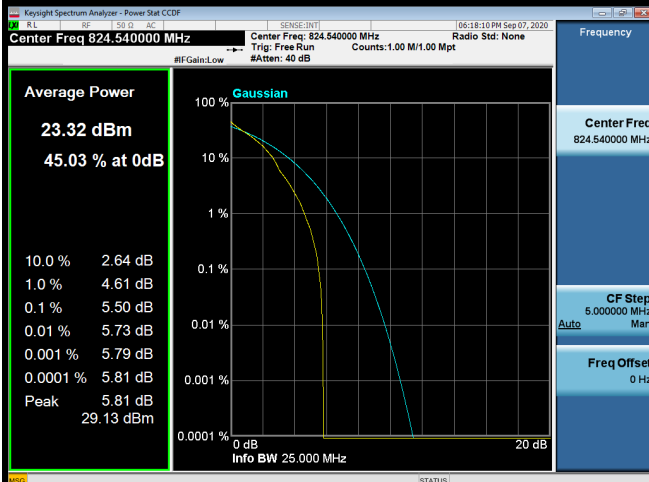


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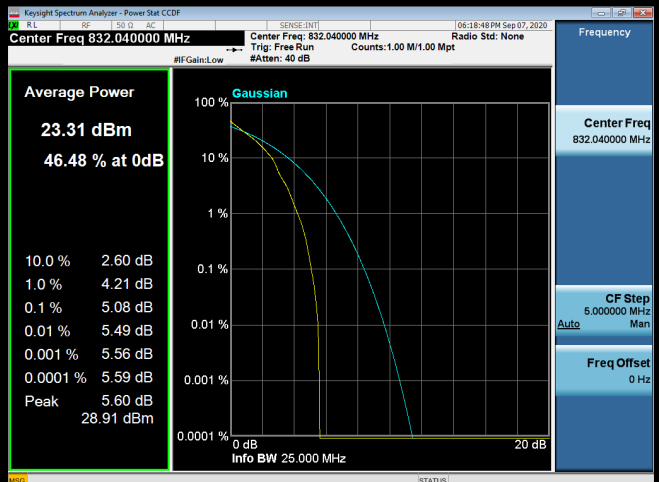


LTE Band 26_10M Spectrum Plot

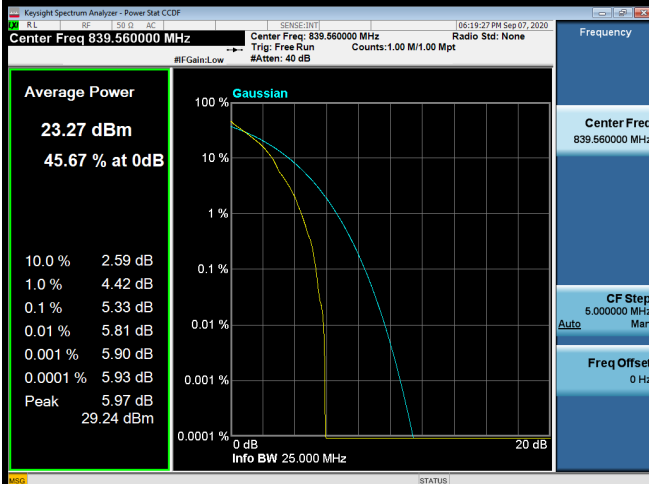
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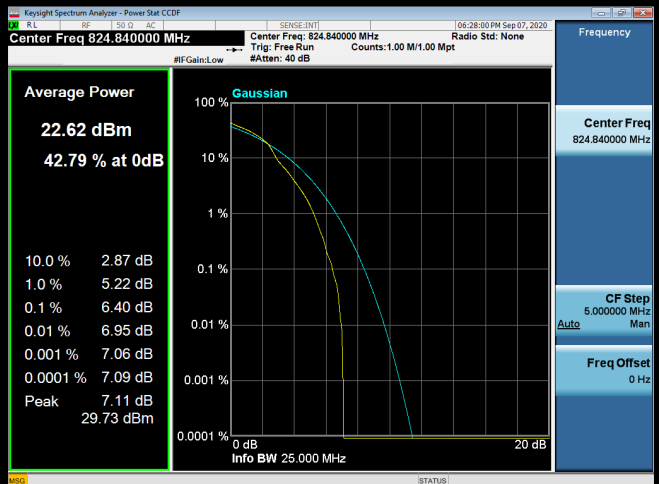
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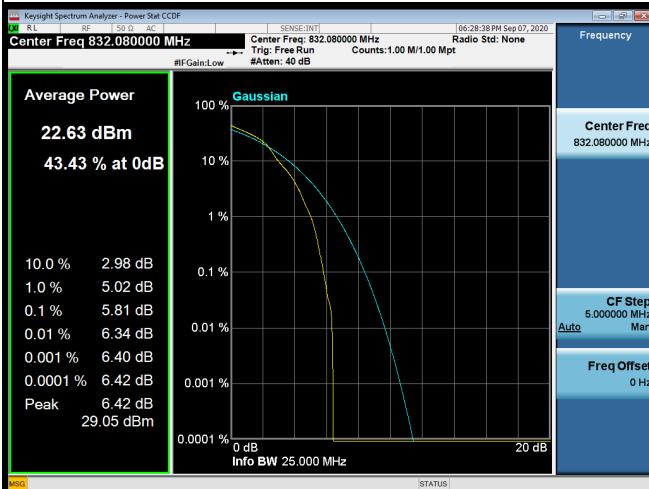
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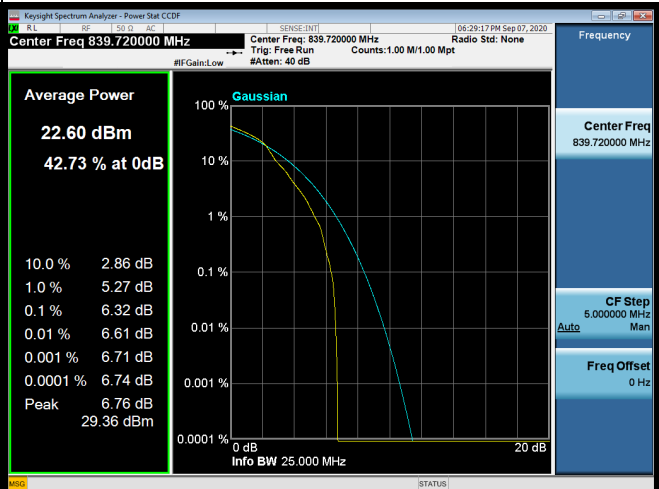
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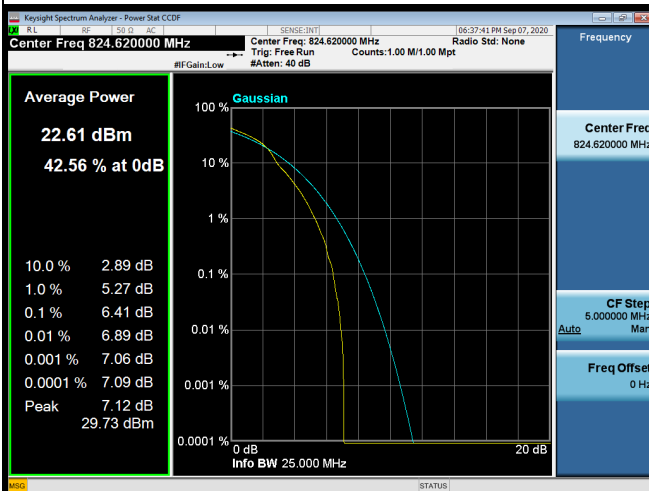


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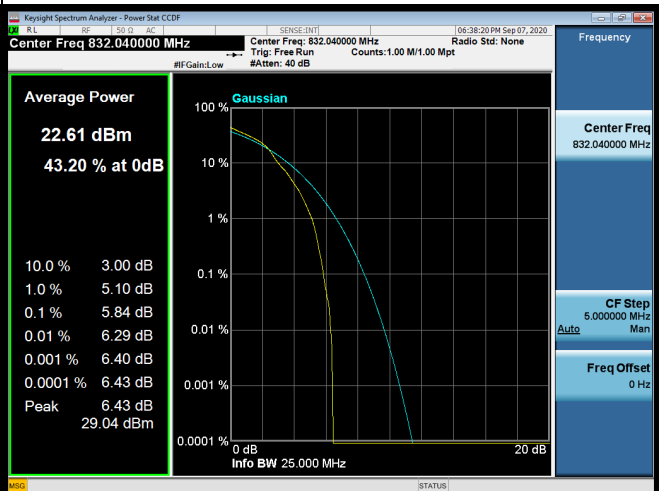


LTE Band 26_10M Spectrum Plot

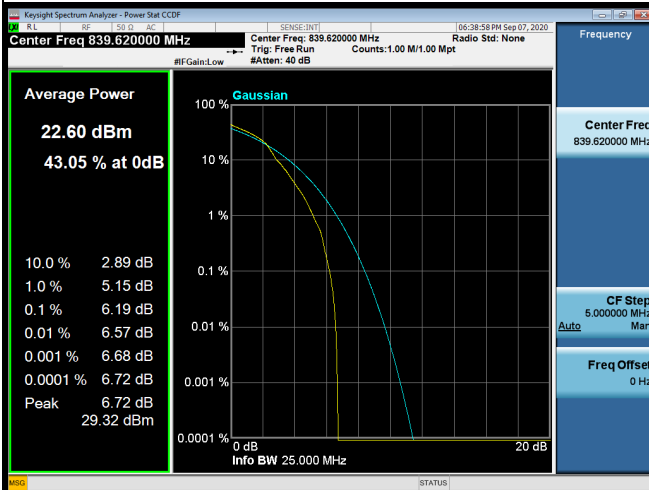
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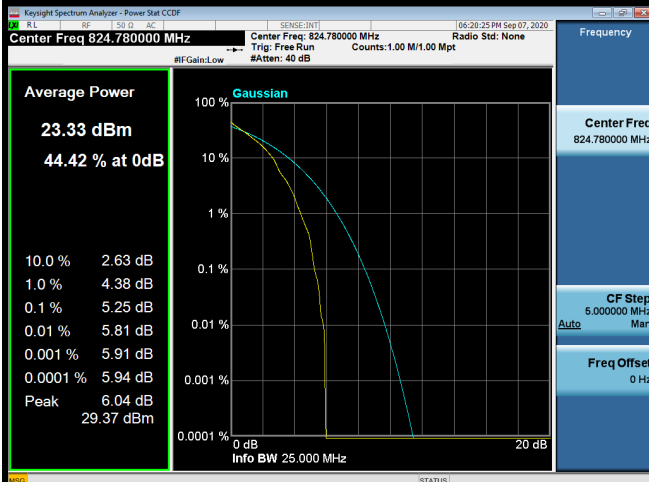


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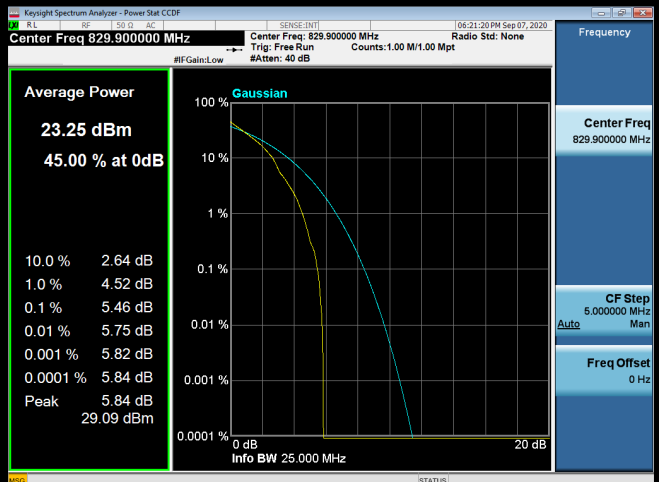


LTE Band 26_15M Spectrum Plot

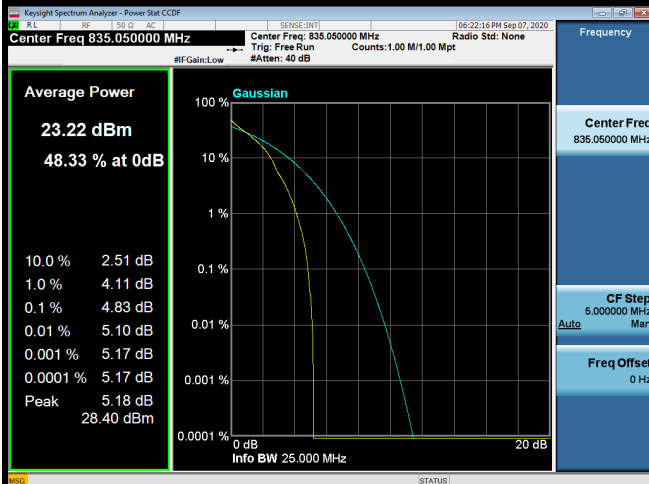
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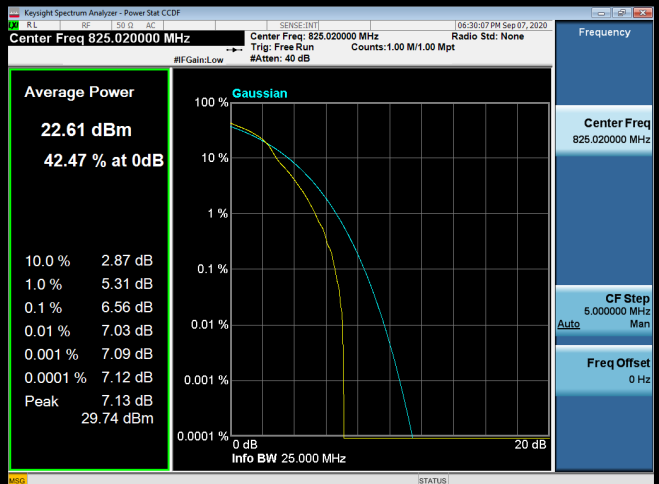
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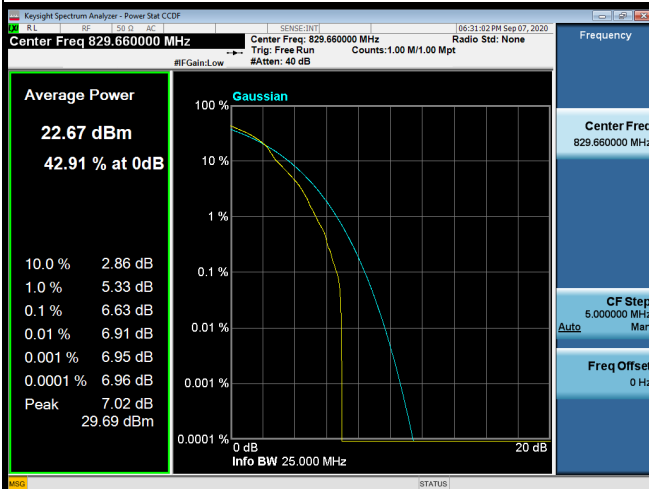
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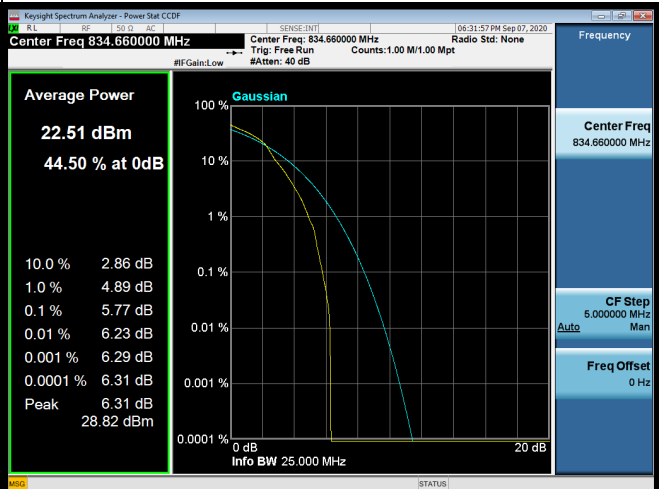
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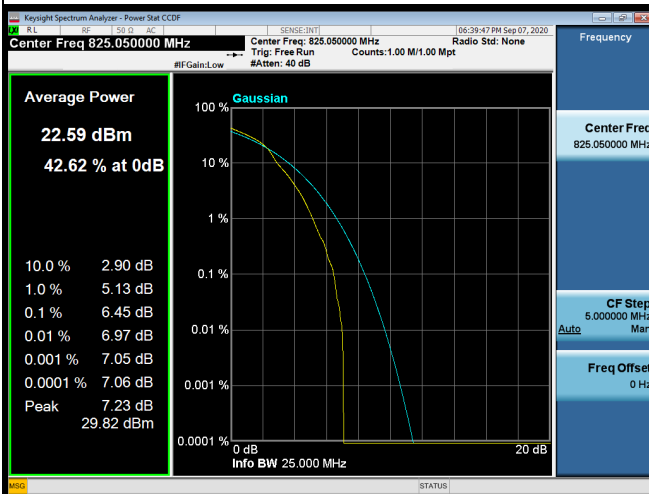


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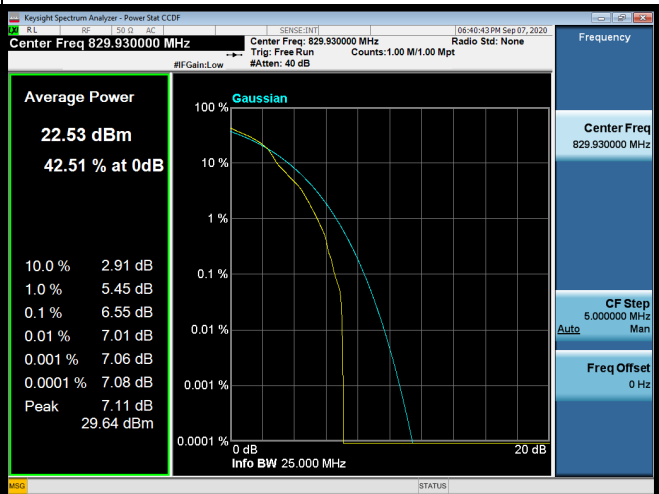


LTE Band 26_15M Spectrum Plot

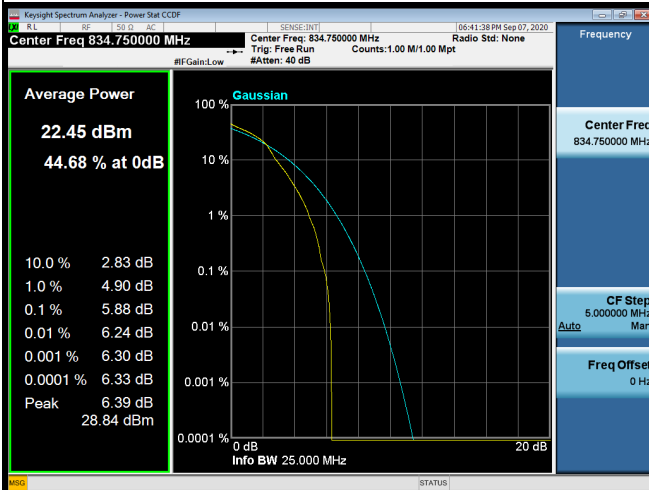
64QAM-26865



64QAM-26915



64QAM-26965



APPENDIX I - FREQUENCY STABILITY

Test Mode	GSM850_CH190
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
0	3.54	0.004231413	±2.5
10	1.27	0.001518049	
20	2.86	0.003418599	
30	2.77	0.003311021	
35	5.22	0.006239541	
Max. Deviation (ppm)	5.22	0.006239541	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.4	2.93	0.003502271	±2.5
3.85	2.87	0.003430552	
3.6	3.73	0.004458523	
Max. Deviation (ppm)	3.73	0.004458523	

Test Mode	WCDMA Band V_CH4182
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
0	5.45	0.006516021	±2.5
10	1.54	0.001841224	
20	3.43	0.004100909	
30	5.77	0.006898613	
35	2.81	0.003359637	
Max. Deviation (ppm)	5.77	0.006898613	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.4	3.74	0.004471545	±2.5
3.85	4.35	0.005200861	
3.6	6.02	0.007197513	
Max. Deviation (ppm)	6.02	0.007197513	

Test Mode	LTE Band 5_CH20525_1.4M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
0	2.36	0.002821279	± 2.5
10	-2.14	-0.002558279	
20	-4.44	-0.00530783	
30	3.15	0.00376569	
35	-4.26	-0.005092648	
Max. Deviation (ppm)	-4.44	-0.00530783	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.4	-2.45	-0.00292887	± 2.5
3.85	-3.99	-0.004769874	
3.6	2.24	0.002677824	
Max. Deviation (ppm)	-3.99	-0.004769874	

Test Mode	LTE Band 5_CH20525_3M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
0	1.56	0.001864913	±2.5
10	3.29	0.003933054	
20	1.37	0.001637776	
30	-3.60	-0.004303646	
35	-3.11	-0.003717872	
Max. Deviation (ppm)	-3.6	-0.004303646	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.4	-1.74	-0.002080096	±2.5
3.85	-2.62	-0.003132098	
3.6	3.49	0.004172146	
Max. Deviation (ppm)	3.49	0.004172146	

Test Mode	LTE Band 5_CH20525_5M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
0	1.61	0.001924686	±2.5
10	3.49	0.004172146	
20	3.09	0.003693963	
30	-6.41	-0.007662881	
35	1.66	0.001984459	
Max. Deviation (ppm)	-6.41	-0.007662881	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.4	1.29	0.00154214	±2.5
3.85	-2.08	-0.002486551	
3.6	-2.87	-0.003430962	
Max. Deviation (ppm)	-2.87	-0.003430962	

Test Mode	LTE Band 5_CH20525_10M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
0	3.65	0.004363419	±2.5
10	-3.57	-0.004267782	
20	6.45	0.007710699	
30	-7.36	-0.008798565	
35	7.12	0.008511656	
Max. Deviation (ppm)	-7.36	-0.008798565	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.4	-3.93	-0.004698147	±2.5
3.85	-2.47	-0.002952779	
3.6	-3.77	-0.004506874	
Max. Deviation (ppm)	-3.93	-0.004698147	

Test Mode	LTE Band 26_CH26915_1.4M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
0	-2.46	-0.002940825	± 2.5
5	-1.60	-0.001912732	
15	-4.24	-0.005068739	
25	-2.35	-0.002809325	
35	-2.92	-0.003490735	
Max. Deviation (ppm)	-4.24	-0.005068739	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.4	-4.21	-0.005032875	± 2.5
3.85	-1.12	-0.001338912	
3.6	-2.53	-0.003024507	
Max. Deviation (ppm)	-4.21	-0.005032875	

Test Mode	LTE Band 26_CH26915_3M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
0	2.72	0.003251644	± 2.5
5	-3.08	-0.003682008	
15	-2.95	-0.003526599	
25	1.75	0.00209205	
35	-4.18	-0.004997011	
Max. Deviation (ppm)	-4.18	-0.004997011	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.4	3.28	0.0039211	± 2.5
3.85	-3.56	-0.004255828	
3.6	-4.97	-0.005941423	
Max. Deviation (ppm)	-4.97	-0.005941423	

Test Mode	LTE Band 26_CH26915_5M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
0	2.86	0.003419008	±2.5
5	2.32	0.002773461	
15	1.31	0.001566049	
25	-4.15	-0.004961148	
35	-3.14	-0.003753736	
Max. Deviation (ppm)	-4.15	-0.004961148	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.4	-1.94	-0.002319187	±2.5
3.85	-4.61	-0.005511058	
3.6	2.39	0.002857143	
Max. Deviation (ppm)	-4.61	-0.005511058	

Test Mode	LTE Band 26_CH26915_10M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
0	-1.90	-0.002271369	± 2.5
5	-2.21	-0.002641961	
15	-3.67	-0.004387328	
25	-2.16	-0.002582188	
35	-1.55	-0.001852959	
Max. Deviation (ppm)	-3.67	-0.004387328	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.4	1.51	0.00180514	± 2.5
3.85	3.25	0.003885236	
3.6	-4.13	-0.004937238	
Max. Deviation (ppm)	-4.13	-0.004937238	

Test Mode	LTE Band 26_CH26915_15M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
0	-4.01	-0.004793784	± 2.5
5	-4.46	-0.005331739	
15	-3.53	-0.004219964	
25	-4.06	-0.004853556	
35	-4.79	-0.00572624	
Max. Deviation (ppm)	-4.79	-0.00572624	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.4	-2.52	-0.003012552	± 2.5
3.85	-1.12	-0.001338912	
3.6	-2.69	-0.00321578	
Max. Deviation (ppm)	-2.69	-0.00321578	

End of Test Report