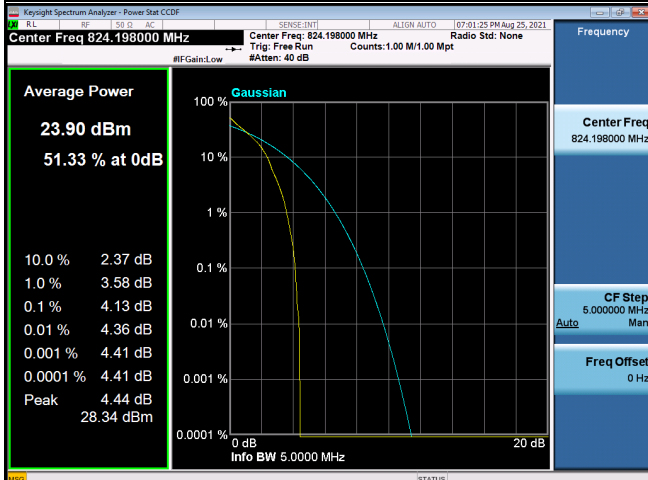
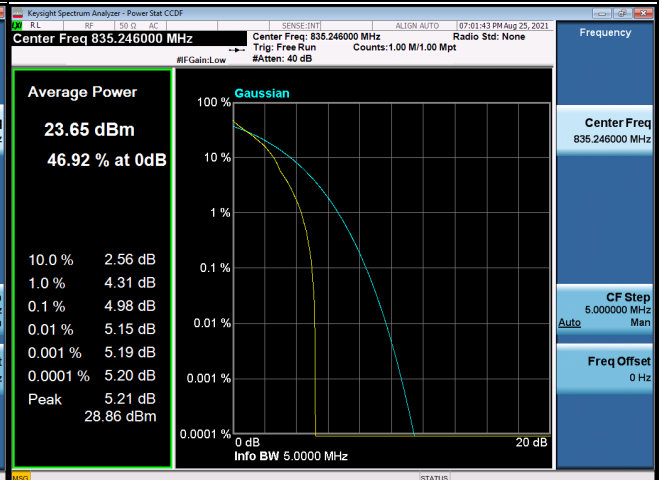


LTE Band 5_3M Spectrum Plot

QPSK-20415



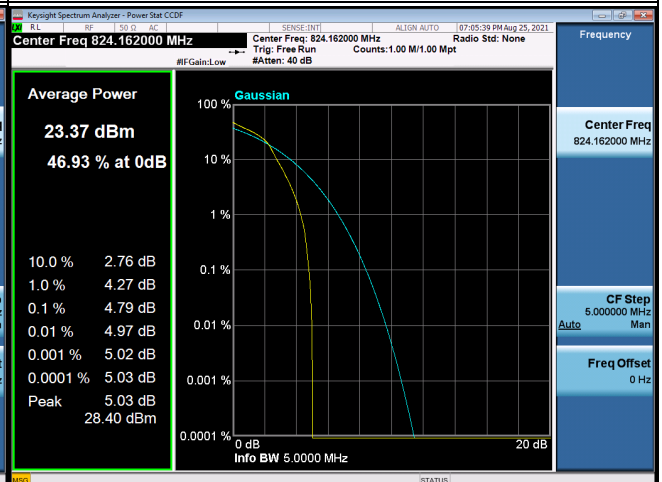
QPSK-20525



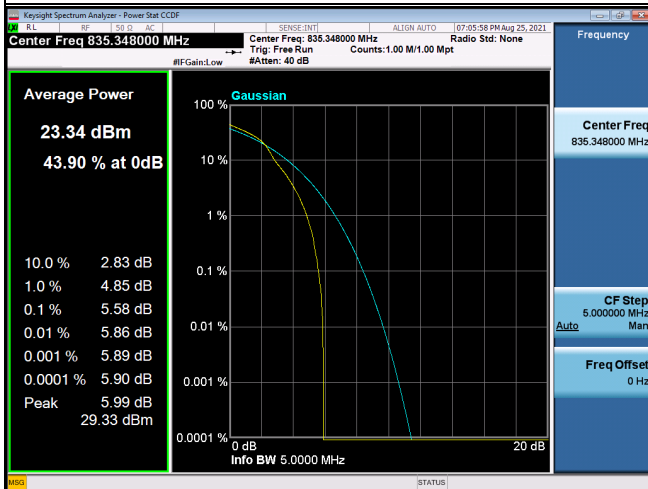
QPSK-20635



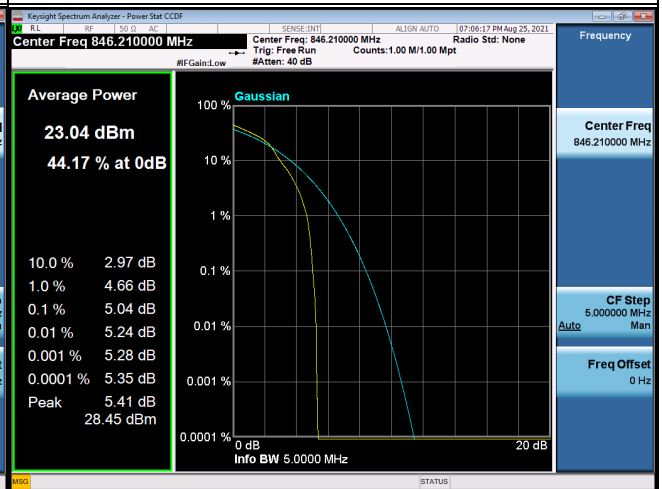
16QAM-20415



16QAM-20525

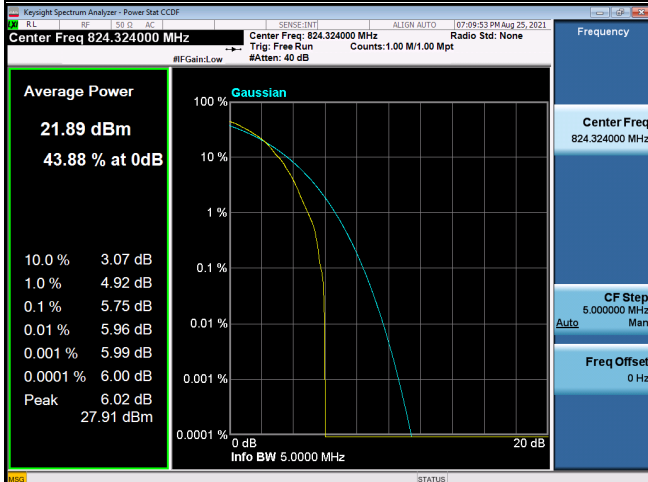


16QAM-20635

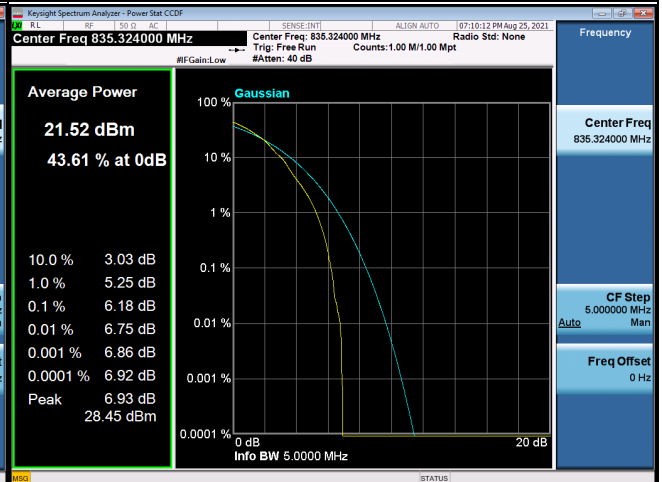


LTE Band 5_3M Spectrum Plot

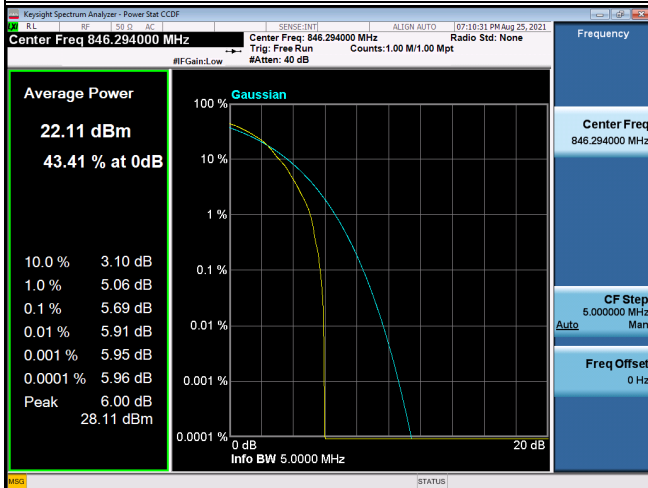
64QAM-20415



64QAM-20525

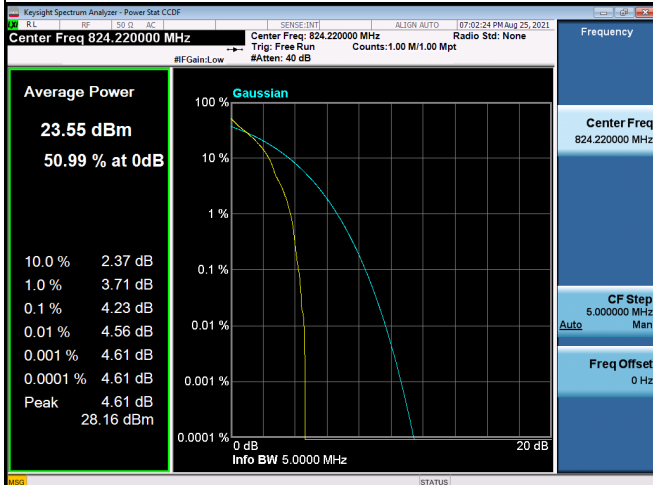


64QAM-20635

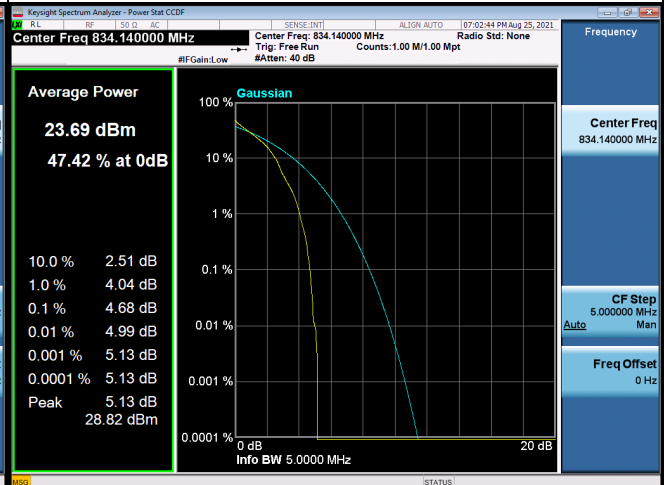


LTE Band 5_5M Spectrum Plot

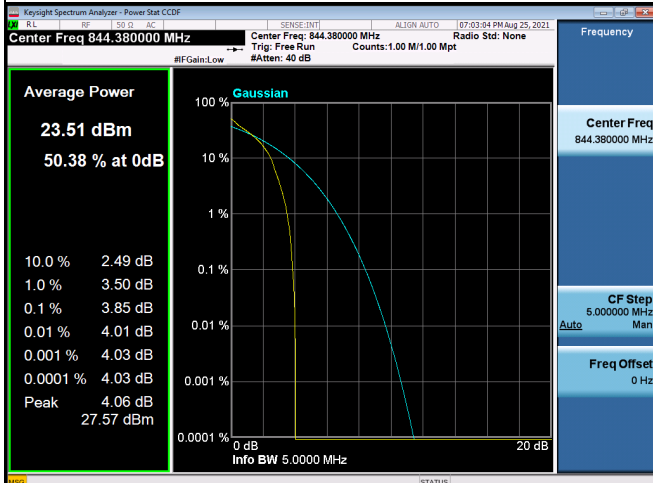
QPSK-20425



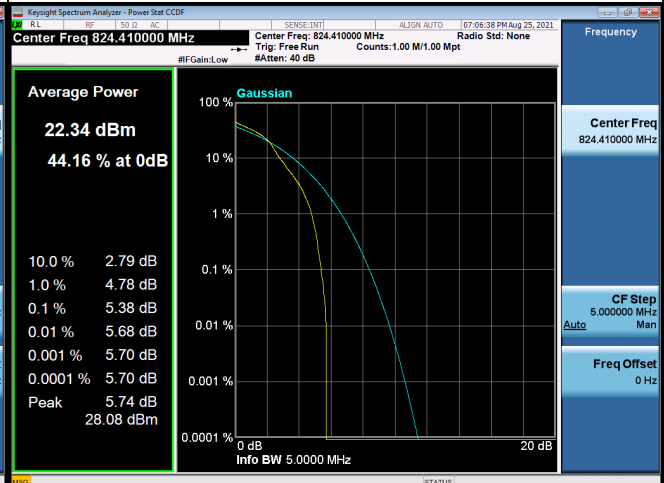
QPSK-20525



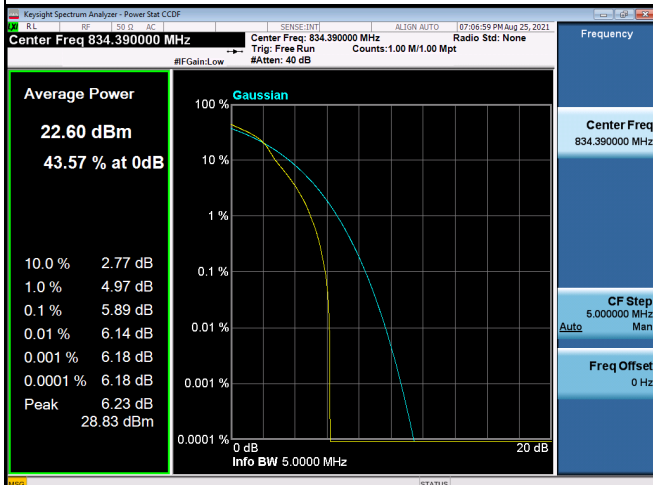
QPSK-20625



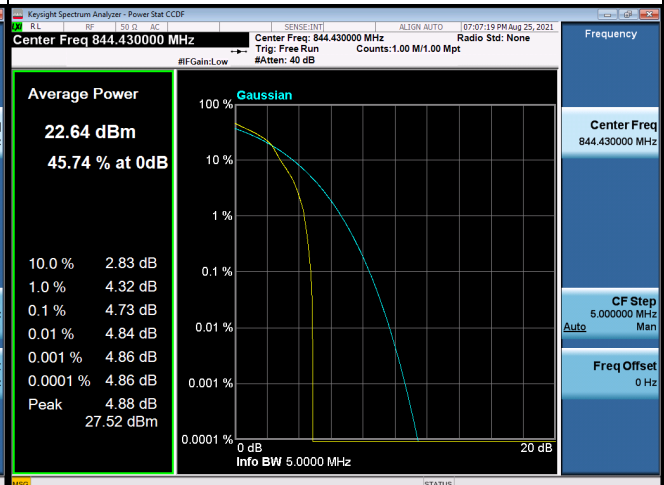
16QAM-20425



16QAM-20525

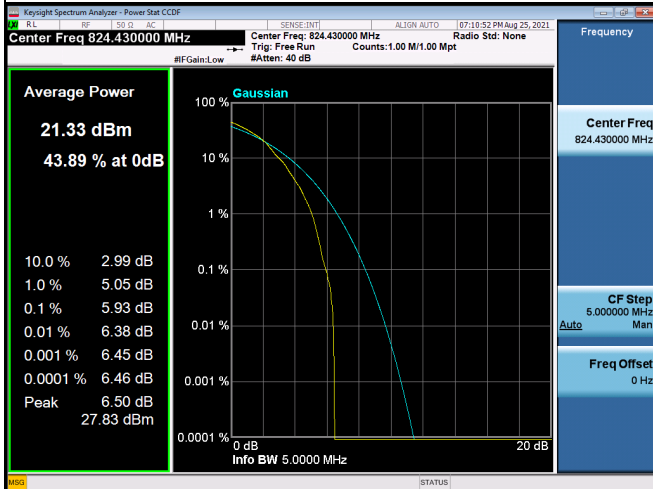


16QAM-20625

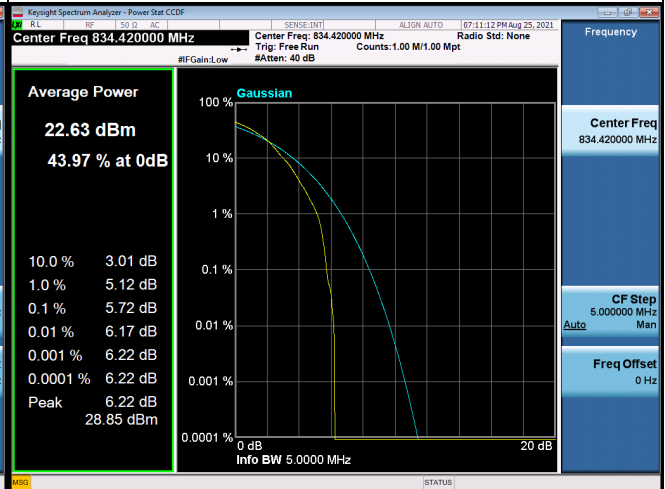


LTE Band 5_5M Spectrum Plot

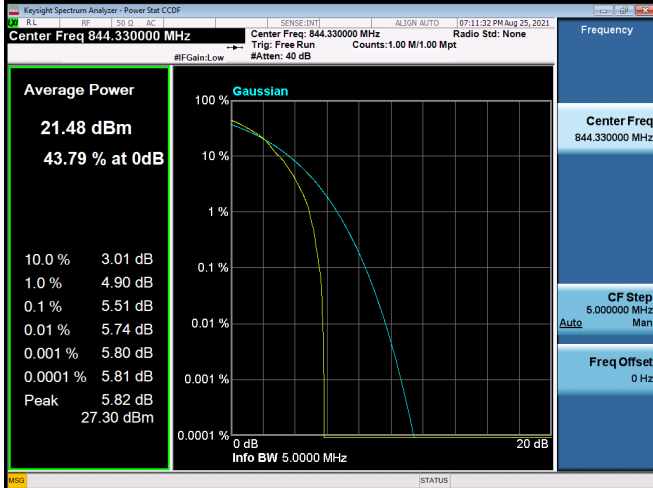
64QAM-20425



64QAM-20525

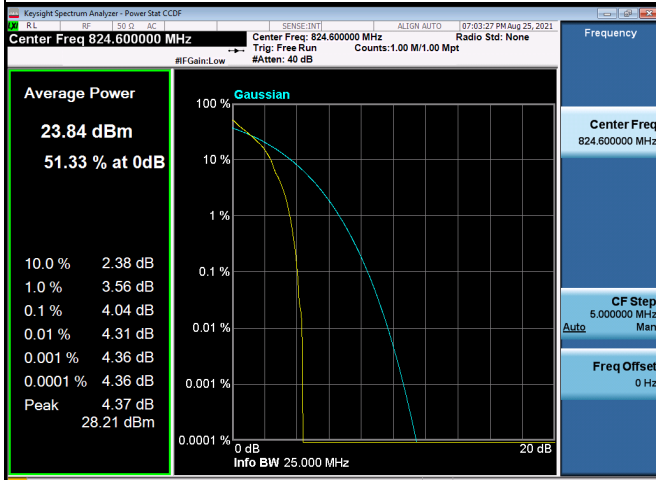


64QAM-20625

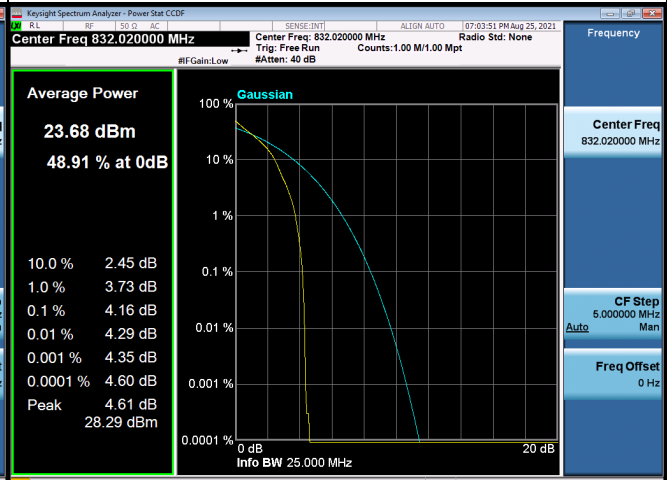


LTE Band 5_10M Spectrum Plot

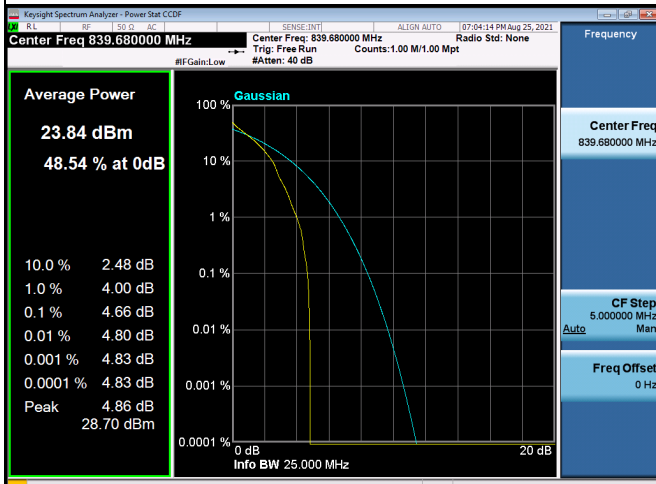
QPSK-20450



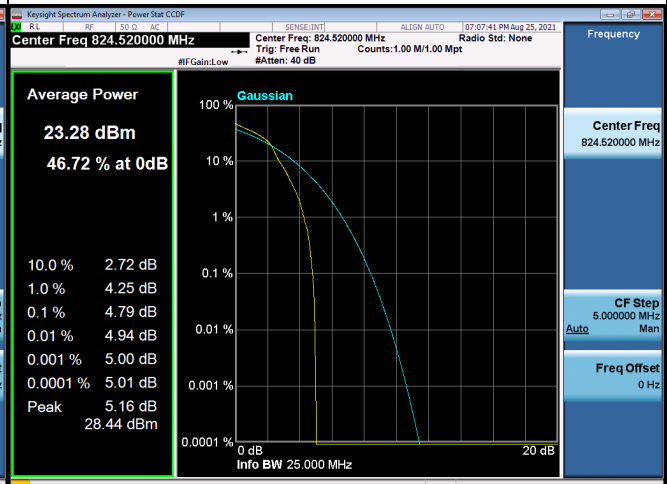
QPSK-20525



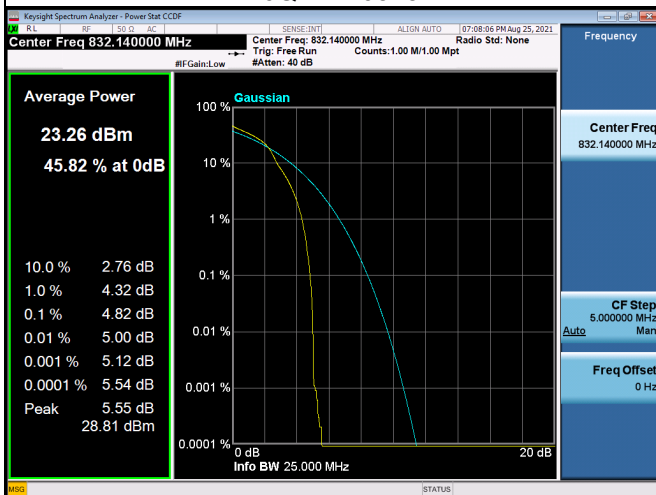
QPSK-20600



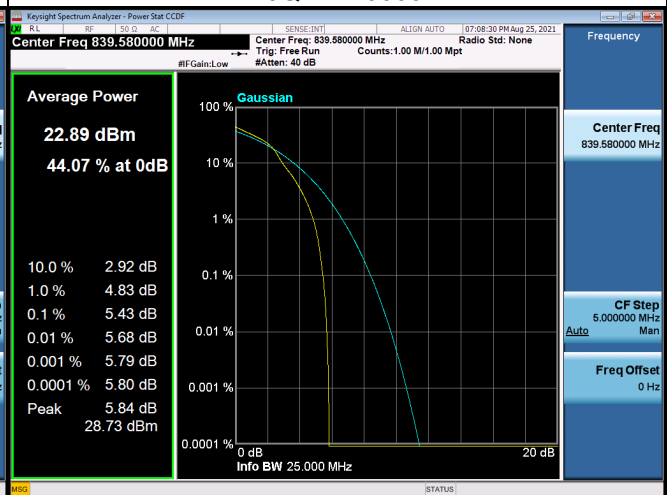
16QAM-20450



16QAM-20525

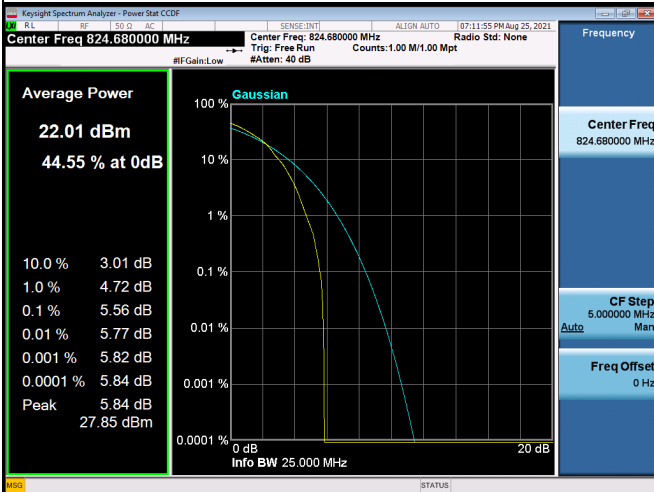


16QAM-20600

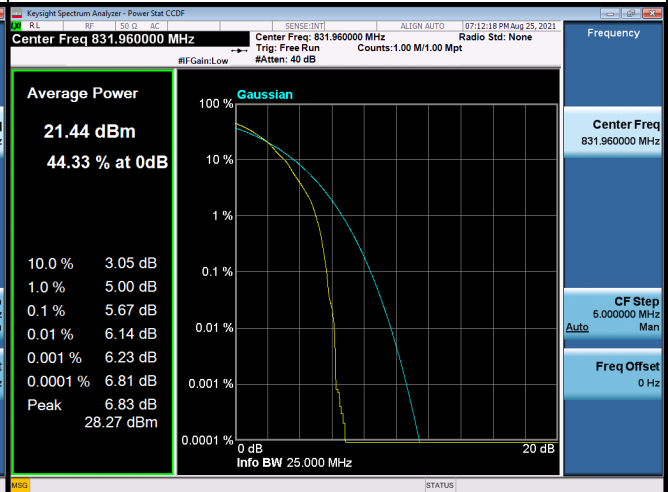


LTE Band 5_10M Spectrum Plot

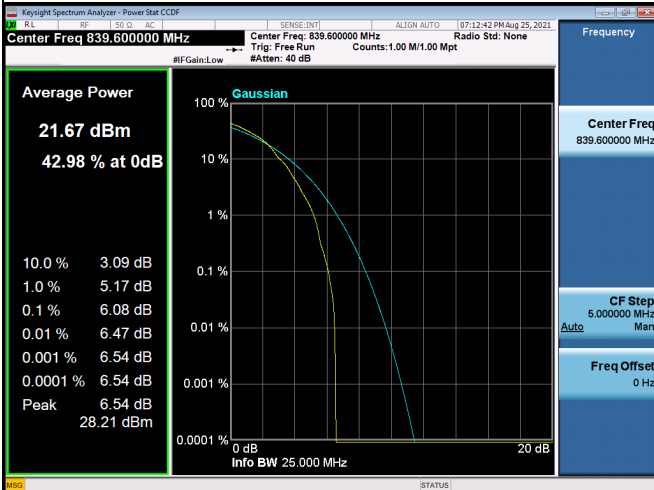
64QAM-20450



64QAM-20525

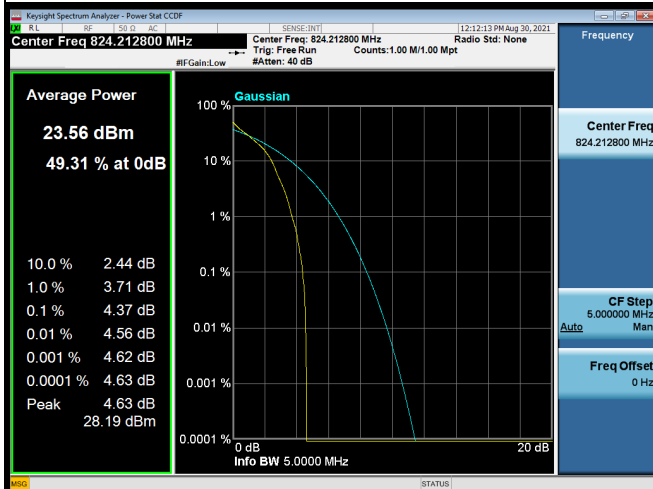


64QAM-20600

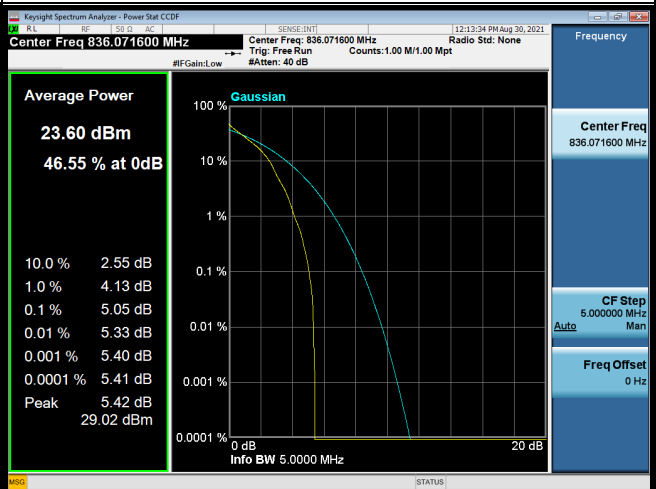


LTE Band 26_1.4M Spectrum Plot

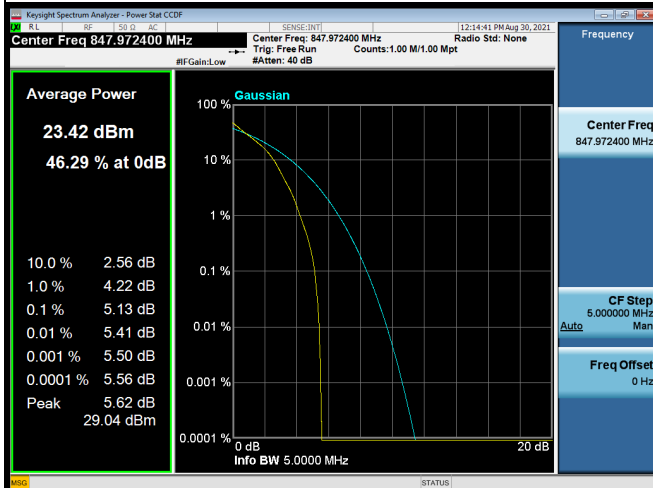
QPSK-26797



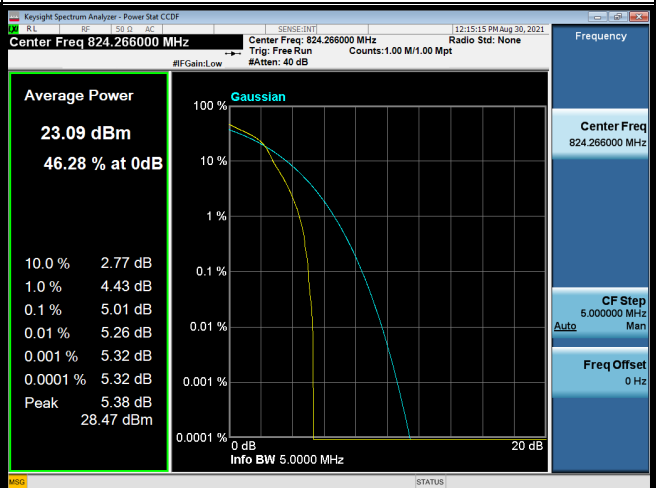
QPSK-26915



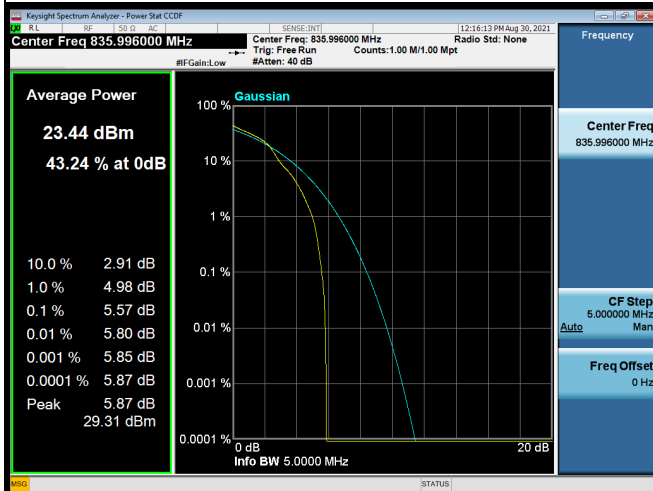
QPSK-27033



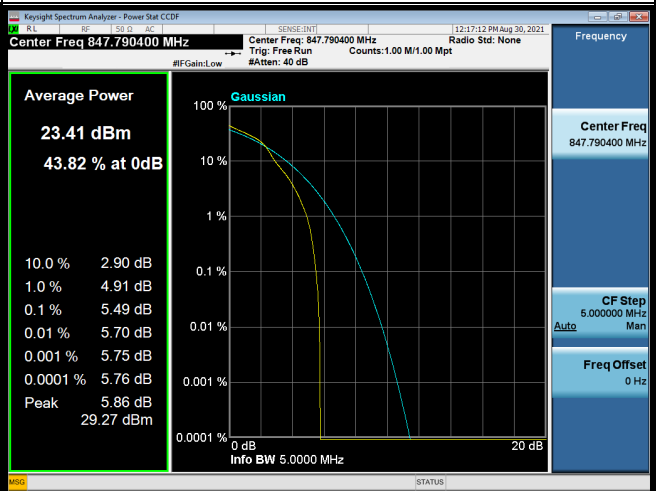
16QAM-26797



16QAM-26915

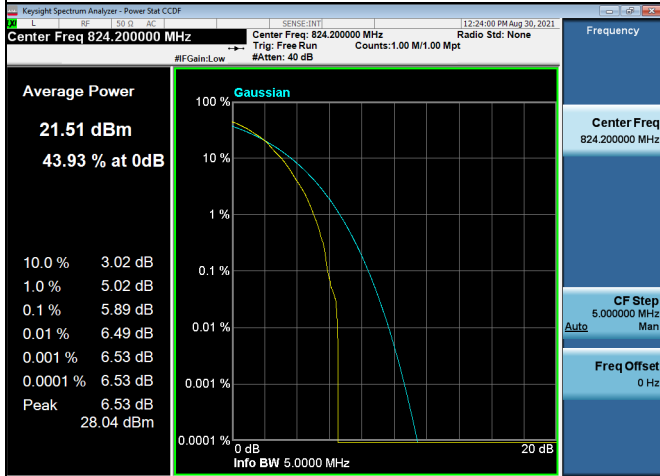


16QAM-27033

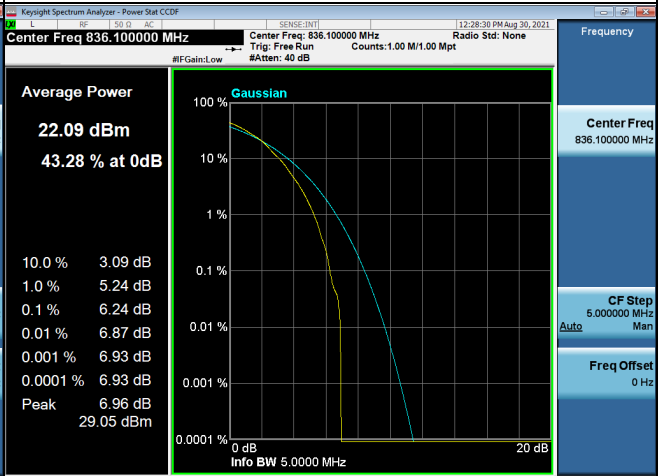


LTE Band 26_1.4M Spectrum Plot

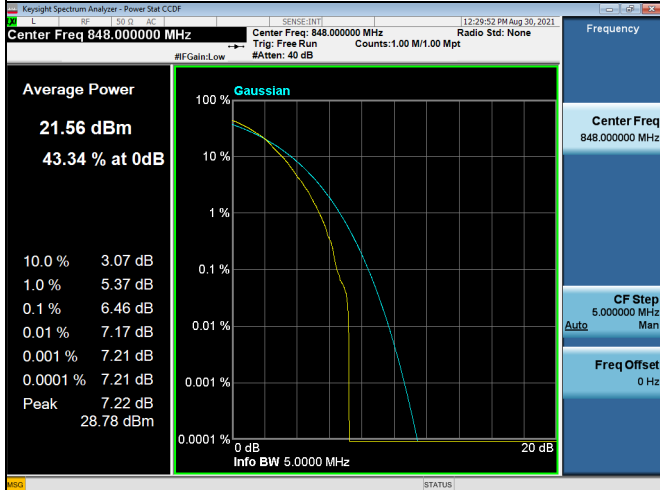
64QAM-26797



64QAM-26915

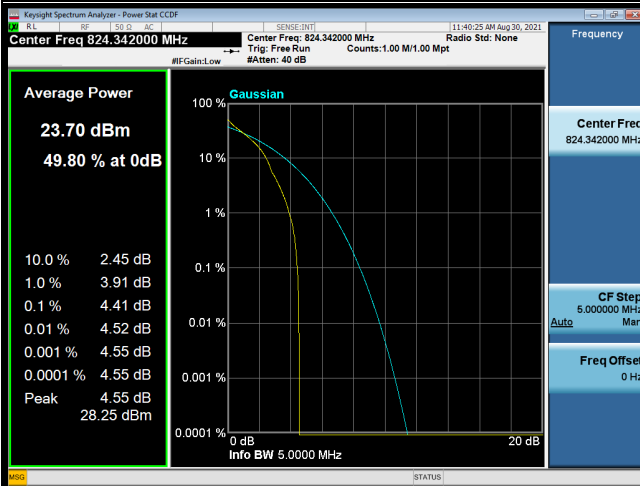


64QAM-27033

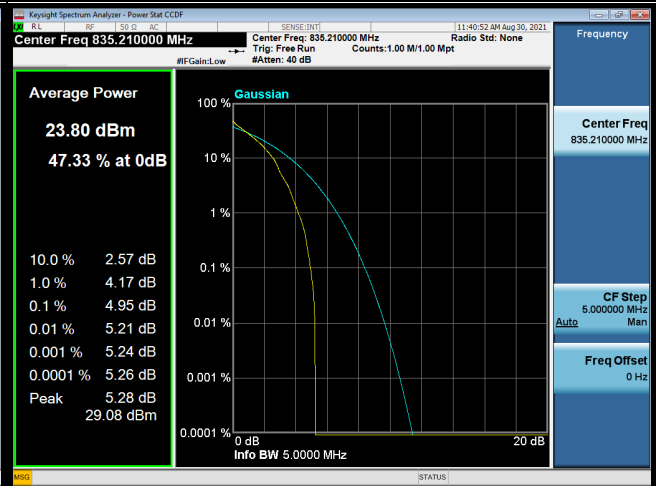


LTE Band 26_3M Spectrum Plot

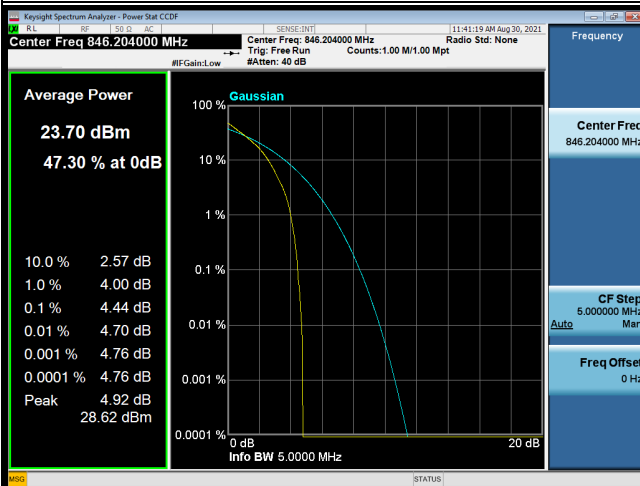
QPSK-26805



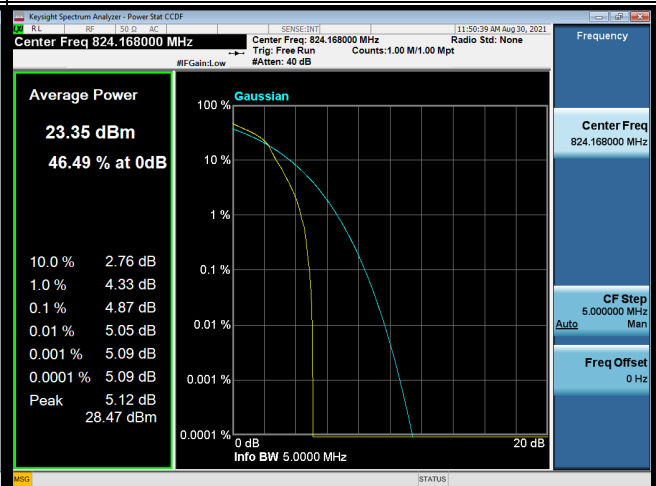
QPSK-26915



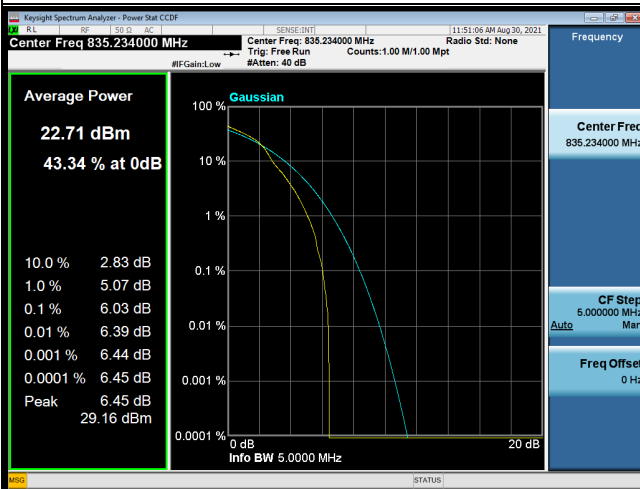
QPSK-27025



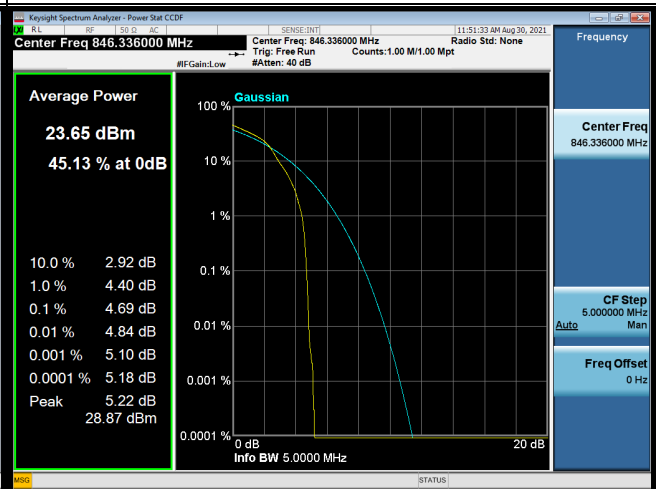
16QAM-26805



16QAM-26915

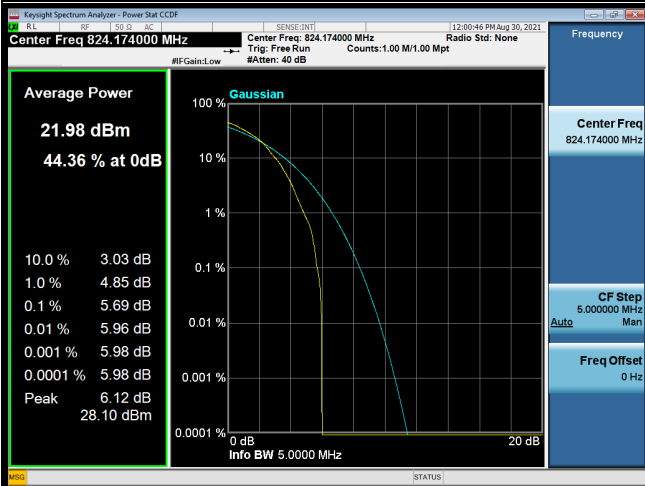


16QAM-27025

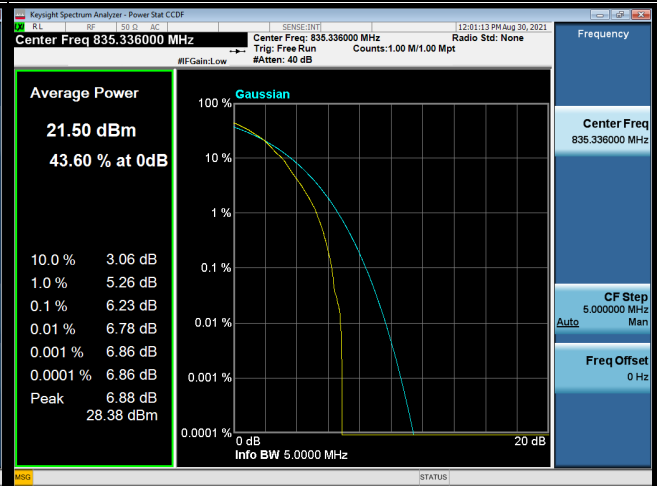


LTE Band 26_3M Spectrum Plot

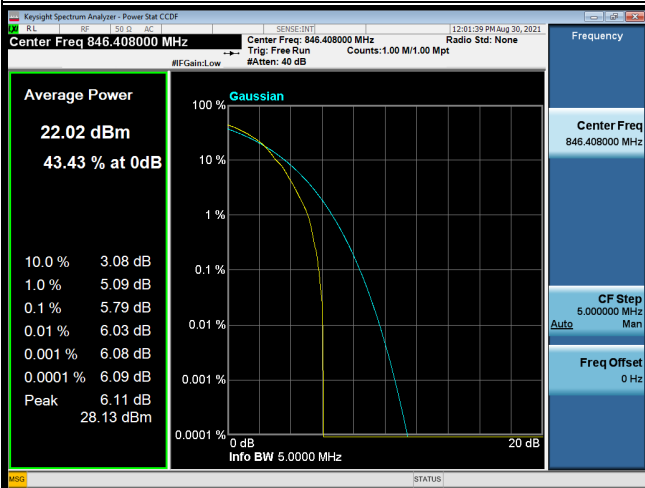
64QAM-26805



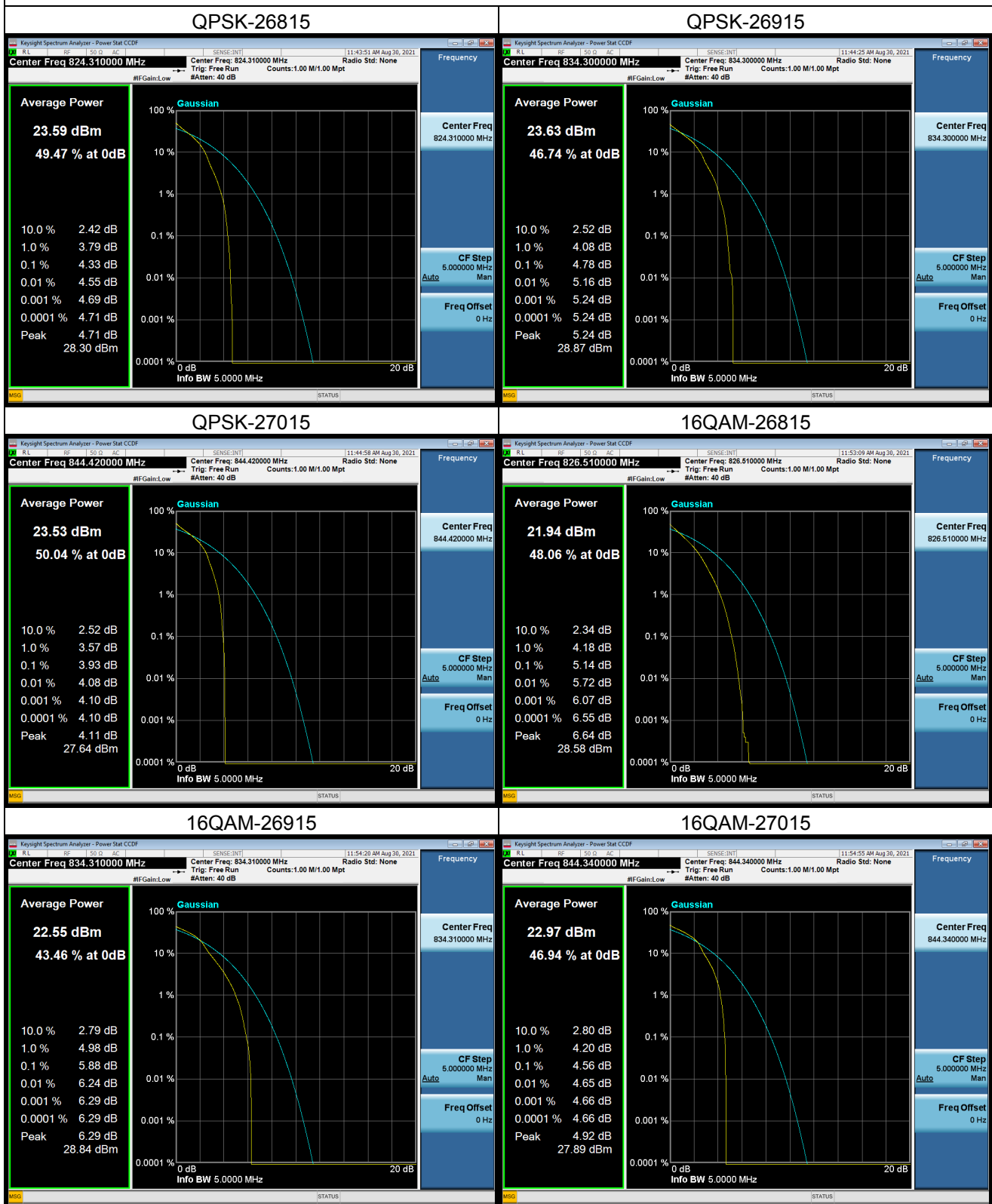
64QAM-26915



64QAM-27025

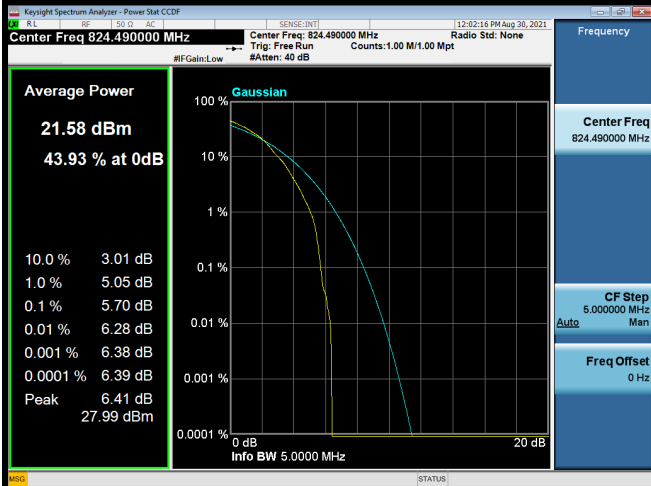


LTE Band 26_5M Spectrum Plot

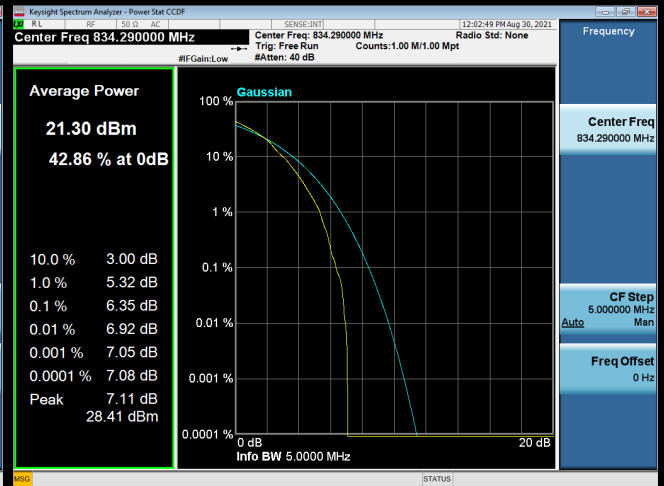


LTE Band 26_5M Spectrum Plot

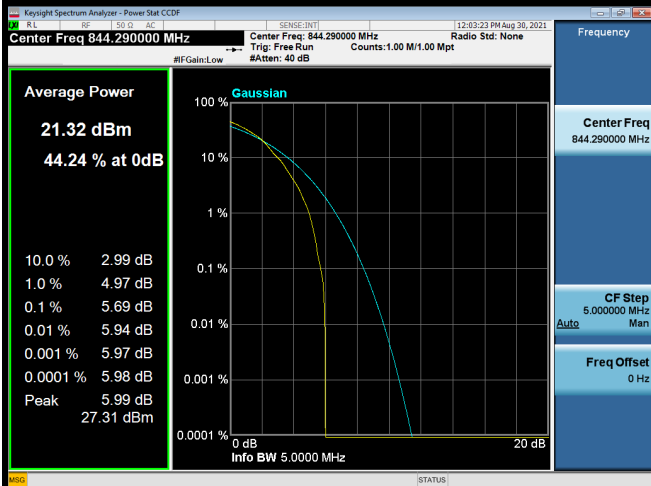
64QAM-26815



64QAM-26915

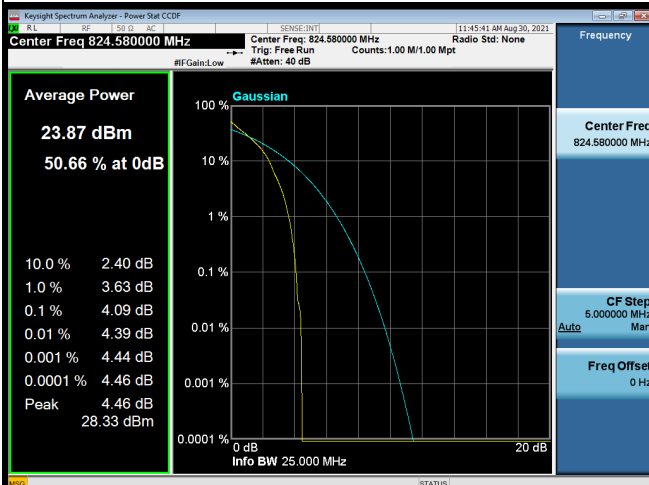


64QAM-27015

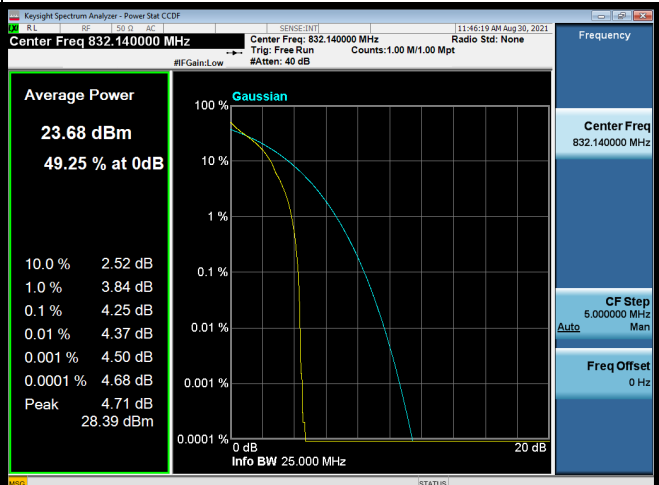


LTE Band 26_10M Spectrum Plot

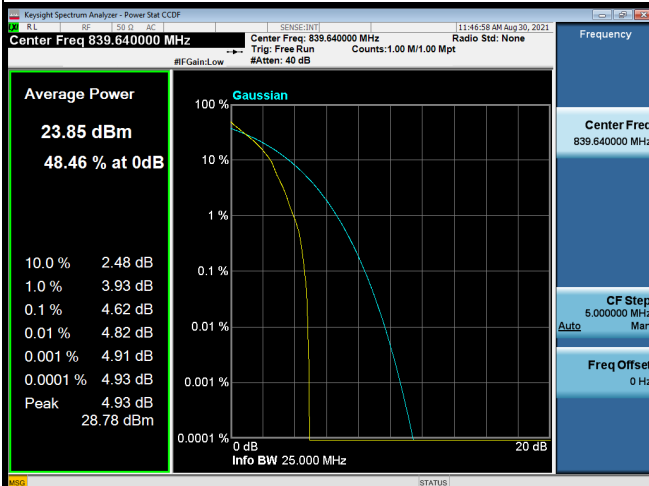
QPSK-26840



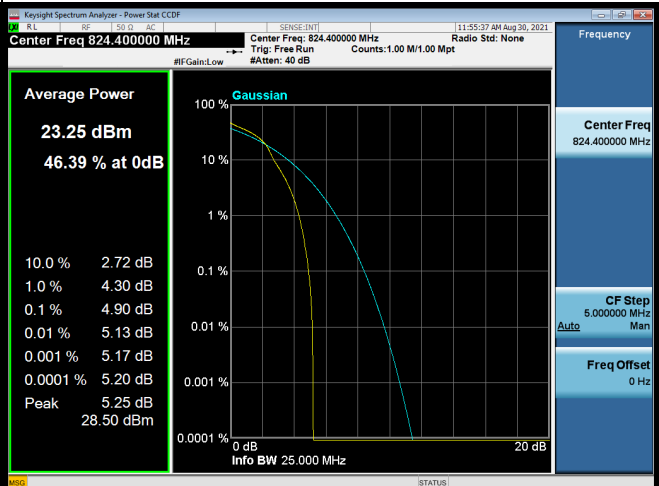
QPSK-26915



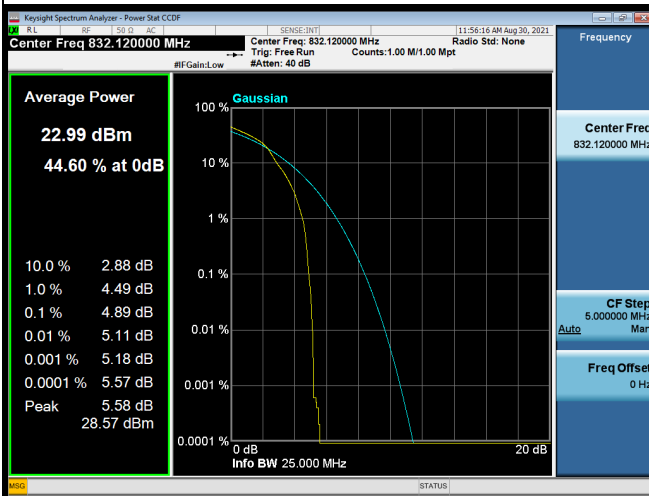
QPSK-26990



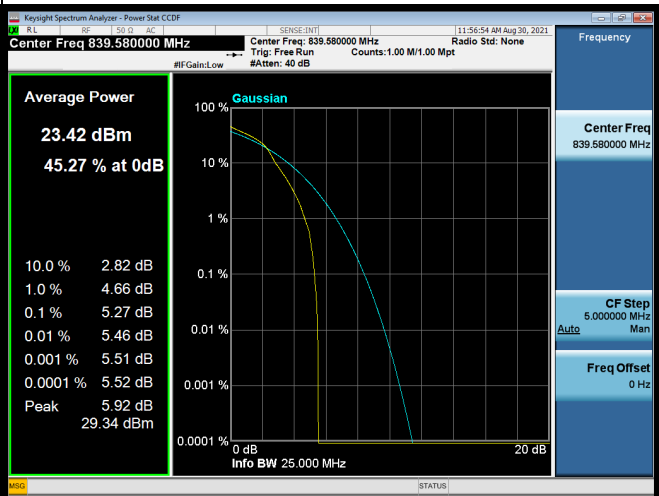
16QAM-26840



16QAM-26915

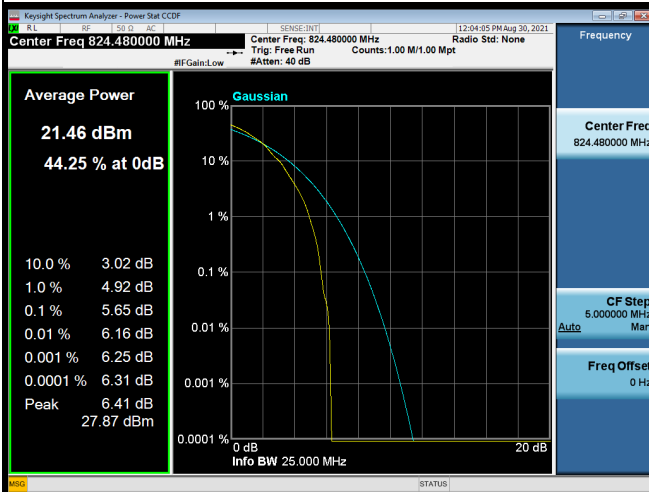


16QAM-26990

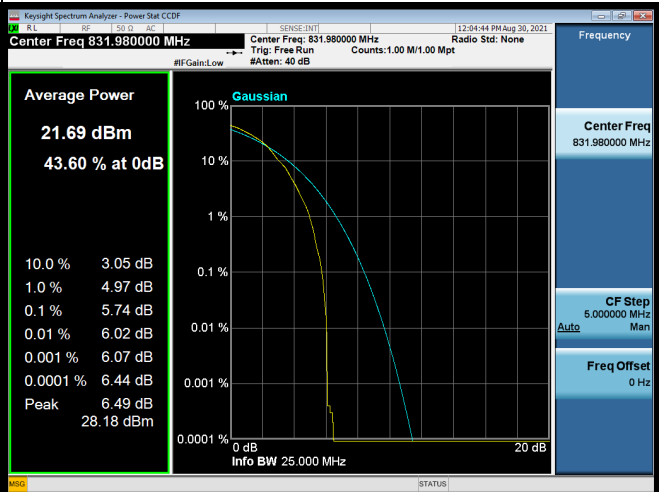


LTE Band 26_10M Spectrum Plot

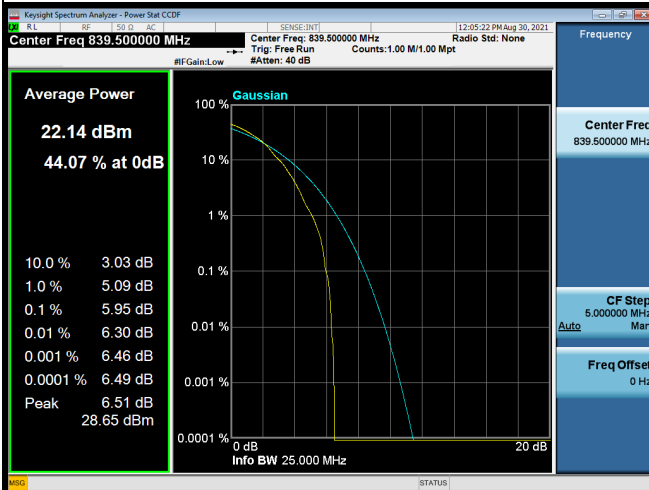
64QAM-26840



64QAM-26915

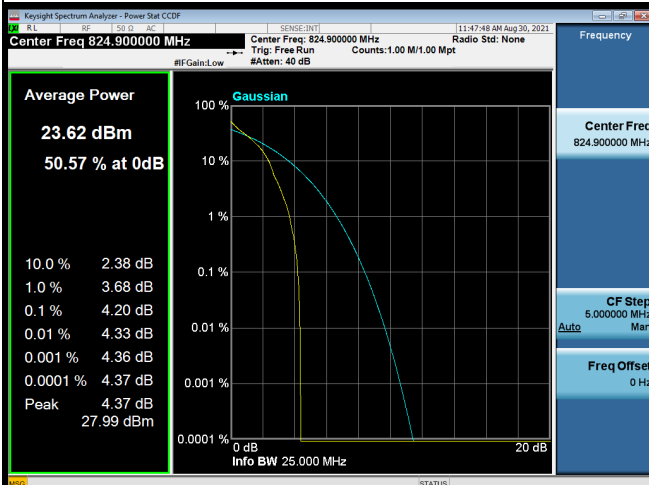


64QAM-26990

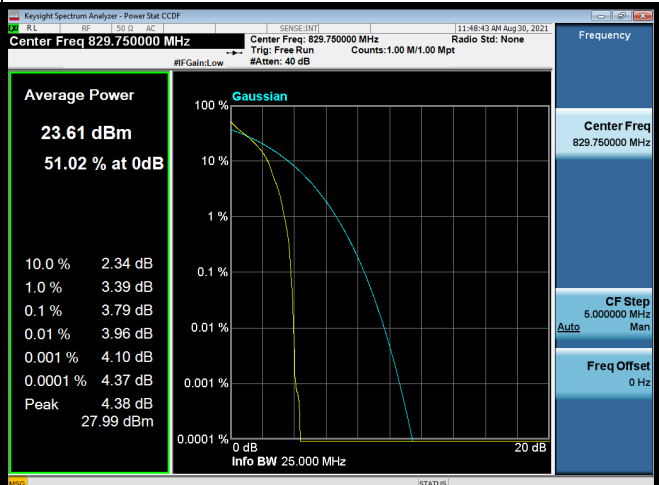


LTE Band 26_15M Spectrum Plot

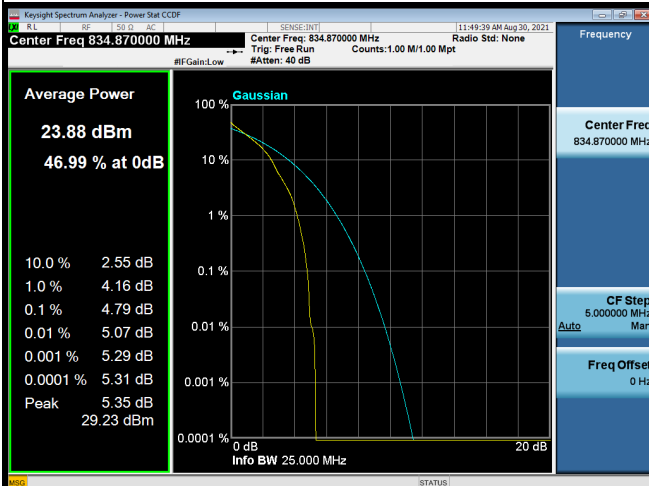
QPSK-26865



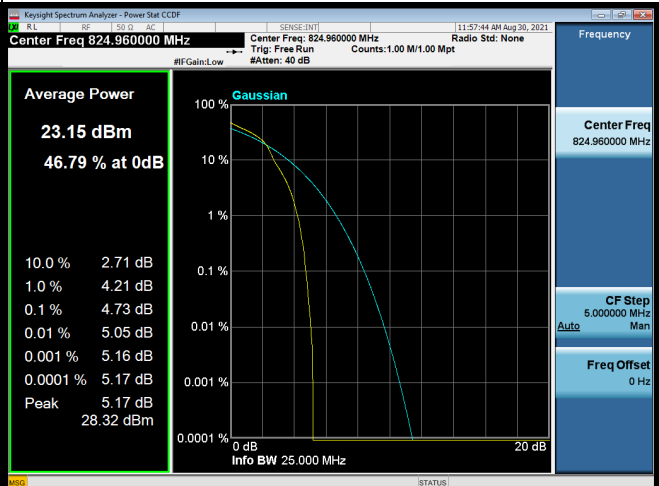
QPSK-26915



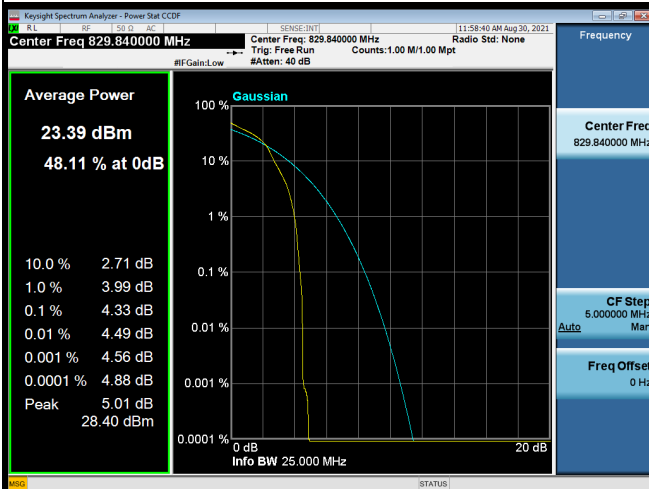
QPSK-26965



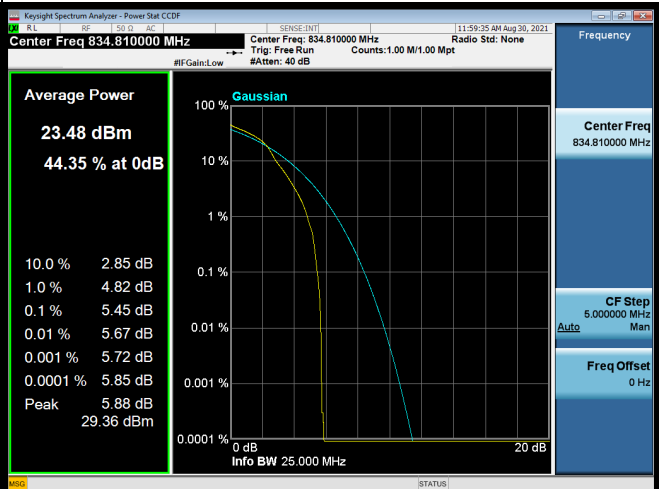
16QAM-26865



16QAM-26915

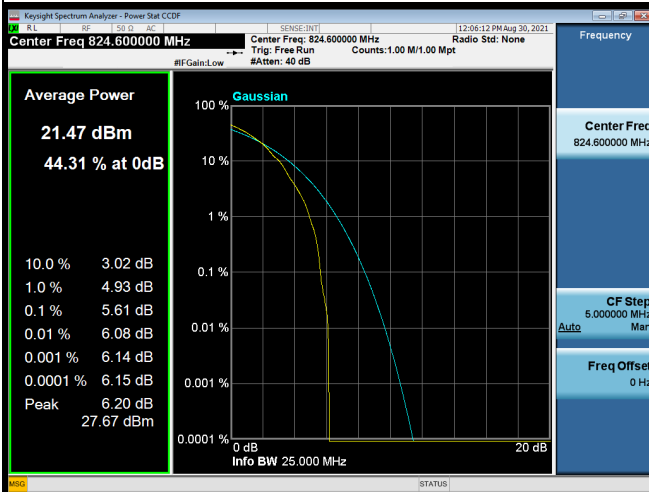


16QAM-26965

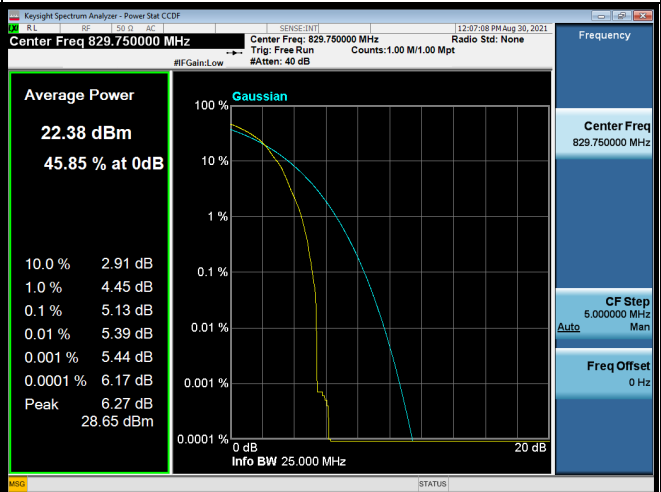


LTE Band 26_15M Spectrum Plot

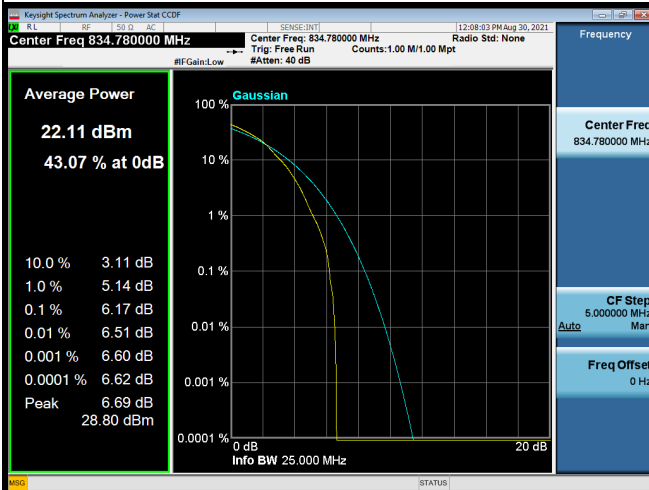
64QAM-26865



64QAM-26915



64QAM-26965



APPENDIX I - FREQUENCY STABILITY

Test Mode	GSM850_CH190
-----------	--------------

Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	6.15	0.007351183	± 2.5
-20	6.33	0.00756634	
-10	6.26	0.007482668	
0	3.26	0.003896725	
10	2.32	0.002773129	
20	6.26	0.007482668	
30	7.55	0.009024623	
40	6.57	0.007853215	
50	8.52	0.010184078	
Max. Deviation (ppm)	8.52	0.010184078	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	3.66	0.004374851	± 2.5
3.87	4.6	0.005498446	
3.60	3.66	0.004374851	
Max. Deviation (ppm)	4.6	0.005498446	

Test Mode	WCDMA Band V_CH4182
-----------	---------------------

Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	4.32	0.005164993	± 2.5
-20	5.20	0.006217121	
-10	6.63	0.007926829	
0	3.26	0.003897657	
10	6.26	0.007484457	
20	3.26	0.003897657	
30	3.55	0.004244381	
40	4.56	0.005451937	
50	3.36	0.004017217	
Max. Deviation (ppm)	6.63	0.007926829	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	3.63	0.004340029	± 2.5
3.87	5.50	0.006575801	
3.60	3.36	0.004017217	
Max. Deviation (ppm)	5.5	0.006575801	

Test Mode	LTE Band 5_CH20525_1.4M
-----------	-------------------------

Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	3.21	0.003837418	± 2.5
-20	-2.78	-0.003323371	
-10	8.63	0.010316796	
0	2.89	0.003454871	
10	-4.56	-0.005451285	
20	-5.38	-0.00643156	
30	-2.84	-0.003395099	
40	-4.19	-0.005008966	
50	7.48	0.00894202	
Max. Deviation (ppm)	8.63	0.010316796	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-6.26	-0.007483562	± 2.5
3.87	-2.51	-0.003000598	
3.60	3.14	0.003753736	
Max. Deviation (ppm)	-6.26	-0.007483562	

Test Mode	LTE Band 5_CH20525_3M
-----------	-----------------------

Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	-8.28	-0.009898386	± 2.5
-20	-8.70	-0.010400478	
-10	-2.76	-0.003299462	
0	-3.06	-0.003658099	
10	-1.38	-0.001649731	
20	-5.08	-0.006072923	
30	5.49	0.00656306	
40	-1.02	-0.001219366	
50	-4.93	-0.005893604	
Max. Deviation (ppm)	-8.7	-0.010400478	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-5.07	-0.006060968	± 2.5
3.87	3.60	0.004303646	
3.60	-6.33	-0.007567244	
Max. Deviation (ppm)	-6.33	-0.007567244	

Test Mode	LTE Band 5_CH20525_5M
-----------	-----------------------

Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	-7.22	-0.008631201	± 2.5
-20	-7.94	-0.009491931	
-10	3.13	0.003741781	
0	3.64	0.004351464	
10	6.77	0.008093246	
20	-3.26	-0.003897191	
30	7.79	0.009312612	
40	-5.99	-0.007160789	
50	-6.08	-0.00726838	
Max. Deviation (ppm)	-7.94	-0.009491931	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-1.59	-0.001900777	± 2.5
3.87	-3.03	-0.003622236	
3.60	-6.93	-0.008284519	
Max. Deviation (ppm)	-6.93	-0.008284519	

Test Mode	LTE Band 5_CH20525_10M
-----------	------------------------

Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	3.24	0.003873282	± 2.5
-20	3.98	0.00475792	
-10	1.01	0.001207412	
0	3.03	0.003622236	
10	-6.57	-0.007854154	
20	3.24	0.003873282	
30	3.62	0.004327555	
40	-8.58	-0.010257023	
50	6.59	0.007878063	
Max. Deviation (ppm)	-8.58	-0.010257023	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	6.03	0.007208607	± 2.5
3.87	3.11	0.003717872	
3.60	3.96	0.004734011	
Max. Deviation (ppm)	6.03	0.007208607	

Test Mode	LTE Band 26_CH26915_1.4M
-----------	--------------------------

Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	7.27	0.008690974	± 2.5
-20	0.89	0.001063957	
-10	6.86	0.008200837	
0	0.58	0.000693365	
10	-7.20	-0.008607292	
20	9.62	0.011500299	
30	2.50	0.002988643	
40	-3.35	-0.004004782	
50	-1.21	-0.001446503	
Max. Deviation (ppm)	9.62	0.011500299	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	2.73	0.003263598	± 2.5
3.87	2.07	0.002474597	
3.60	0.32	0.000382546	
Max. Deviation (ppm)	2.73	0.003263598	

Test Mode	LTE Band 26_CH26915_3M
-----------	------------------------

Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	-7.32	-0.008750747	±2.5
-20	-2.96	-0.003538553	
-10	1.97	0.002355051	
0	3.81	0.004554692	
10	-2.99	-0.003574417	
20	5.99	0.007160789	
30	7.13	0.00852361	
40	8.69	0.010388524	
50	-5.91	-0.007065152	
Max. Deviation (ppm)	8.69	0.010388524	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	2.08	0.002486551	±2.5
3.87	-7.57	-0.009049611	
3.60	0.14	0.000167364	
Max. Deviation (ppm)	-7.57	-0.009049611	

Test Mode	LTE Band 26_CH26915_5M
-----------	------------------------

Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	5.22	0.006240287	± 2.5
-20	-7.79	-0.009312612	
-10	6.04	0.007220562	
0	-6.58	-0.007866109	
10	-6.49	-0.007758518	
20	-3.07	-0.003670054	
30	9.22	0.011022116	
40	4.40	0.005260012	
50	-5.71	-0.006826061	
Max. Deviation (ppm)	9.22	0.011022116	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	8.72	0.010424387	± 2.5
3.87	-3.92	-0.004686192	
3.60	-1.64	-0.00196055	
Max. Deviation (ppm)	8.72	0.010424387	

Test Mode	LTE Band 26_CH26915_10M
-----------	-------------------------

Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	-0.17	-0.000203228	± 2.5
-20	1.10	0.001315003	
-10	-8.92	-0.010663479	
0	-2.26	-0.002701733	
10	-2.72	-0.003251644	
20	-7.91	-0.009456067	
30	6.17	0.007375971	
40	-7.05	-0.008427974	
50	-9.86	-0.011787209	
Max. Deviation (ppm)	-9.86	-0.011787209	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	3.36	0.004016736	± 2.5
3.87	-2.13	-0.002546324	
3.60	0.17	0.000203228	
Max. Deviation (ppm)	3.36	0.004016736	

Test Mode	LTE Band 26_CH26915_15M
-----------	-------------------------

Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	0.85	0.001016139	± 2.5
-20	2.06	0.002462642	
-10	2.65	0.003167962	
0	-6.59	-0.007878063	
10	-3.81	-0.004554692	
20	-2.49	-0.002976689	
30	-3.59	-0.004291692	
40	-7.65	-0.009145248	
50	-2.51	-0.003000598	
Max. Deviation (ppm)	-7.65	-0.009145248	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	3.37	0.004028691	± 2.5
3.87	5.70	0.006814106	
3.60	-5.44	-0.006503288	
Max. Deviation (ppm)	5.7	0.006814106	

End of Test Report