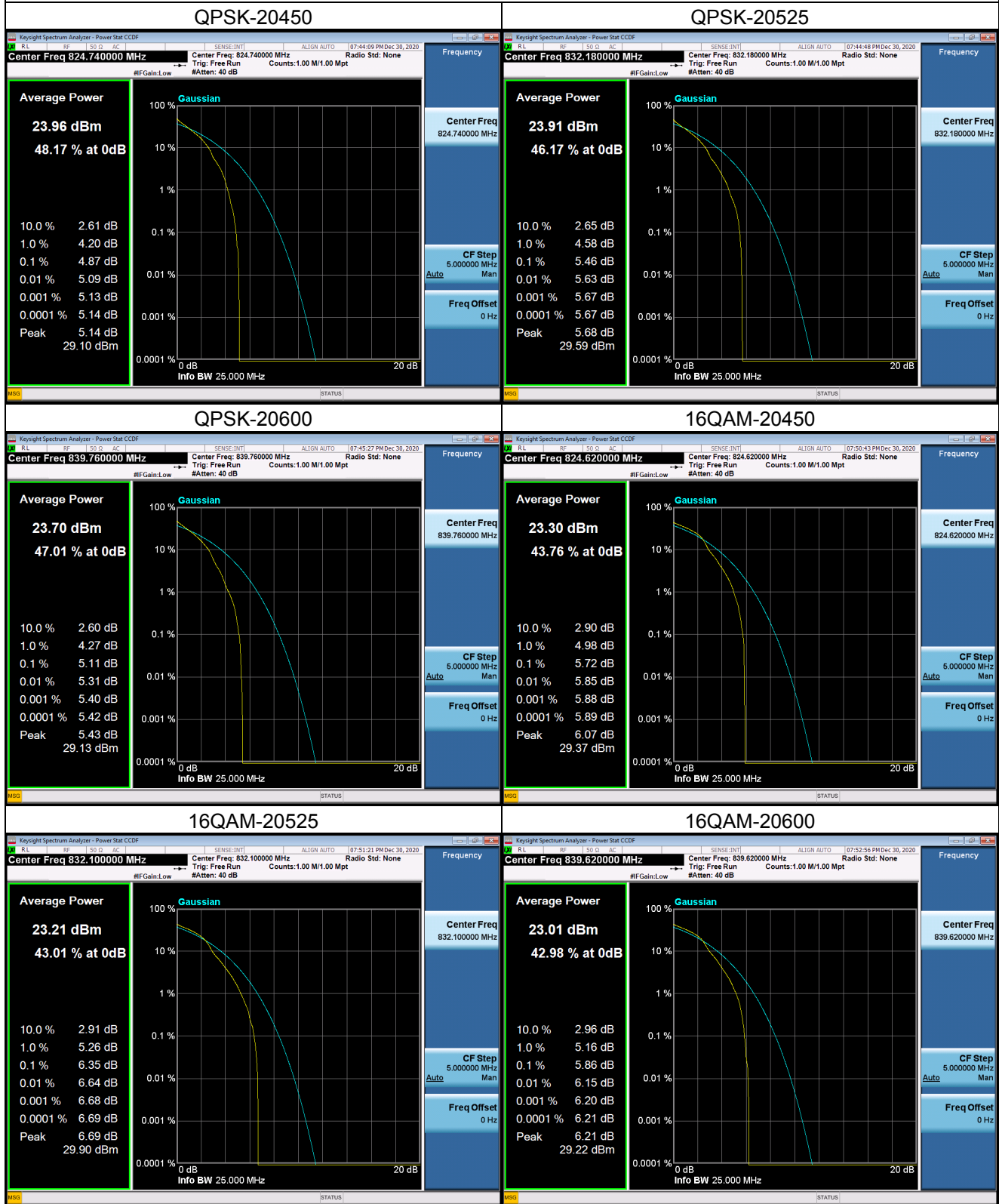
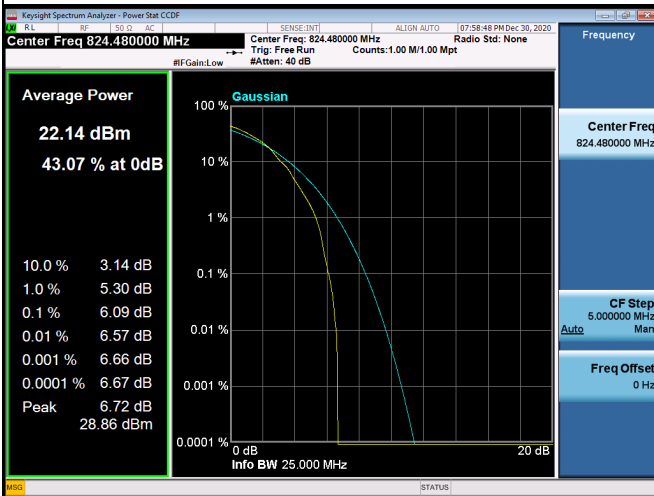


## LTE Band 5\_10M Spectrum Plot

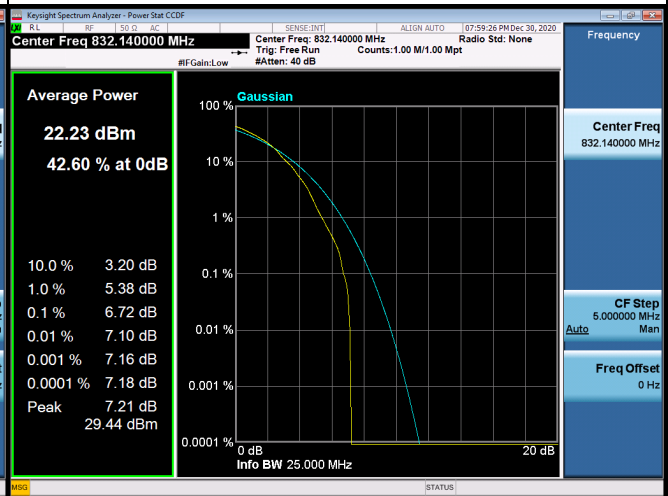


## LTE Band 5\_10M Spectrum Plot

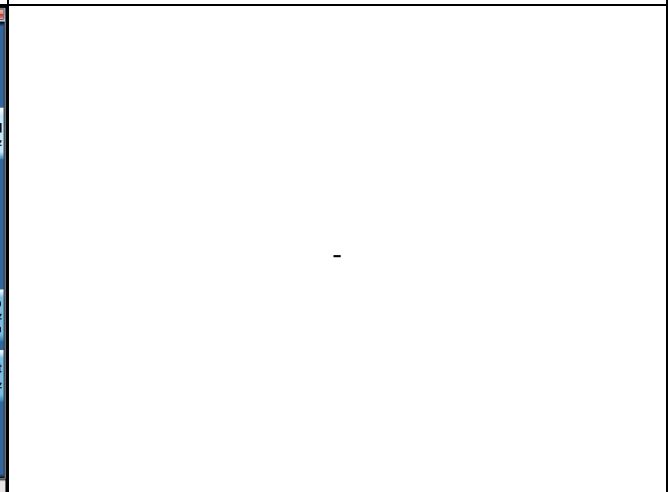
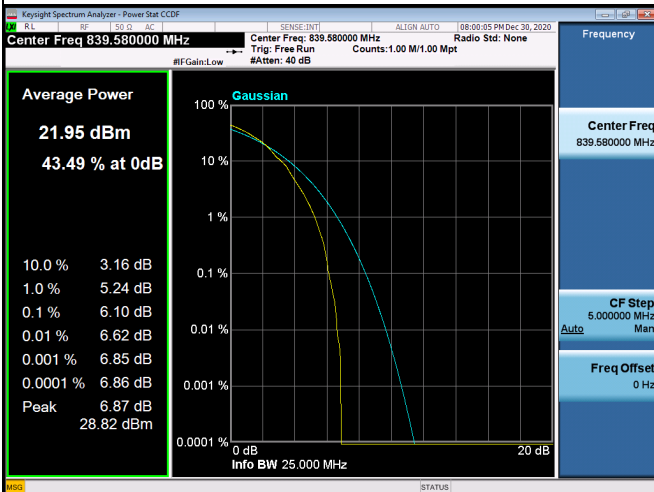
### 64QAM-20450



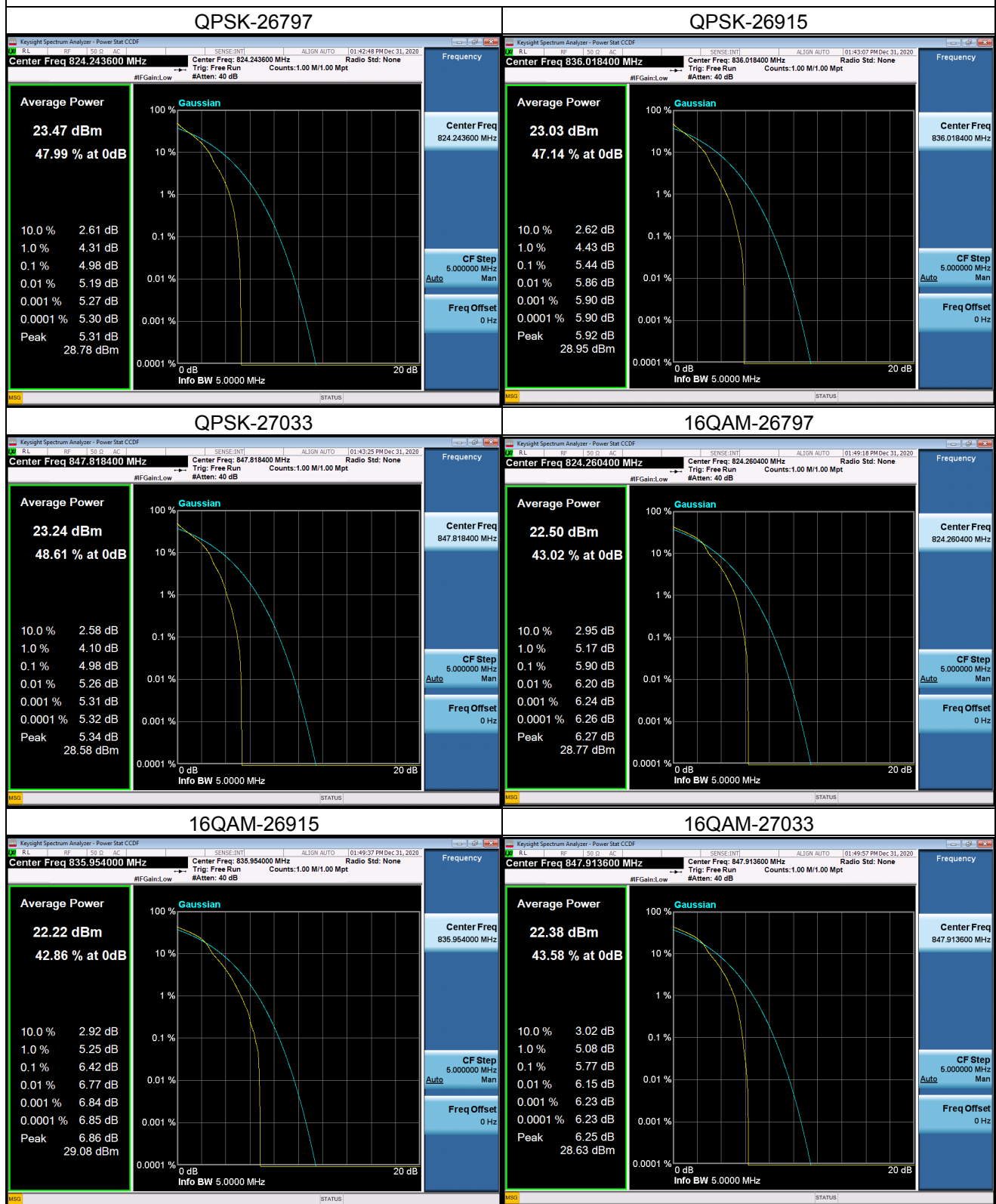
### 64QAM-20525



### 64QAM-20600

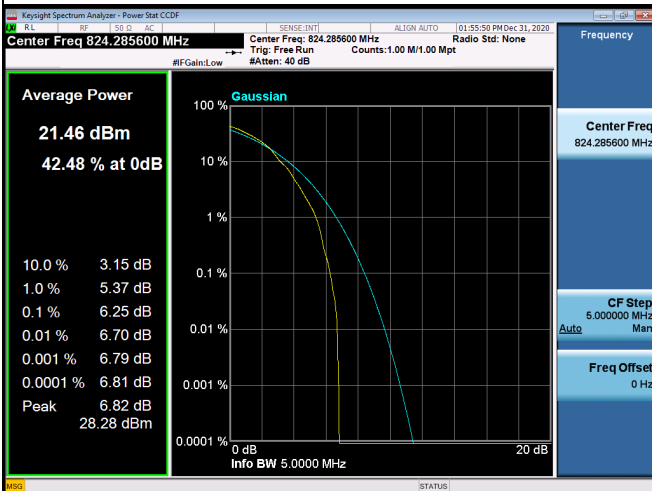


## LTE Band 26\_1.4M Spectrum Plot

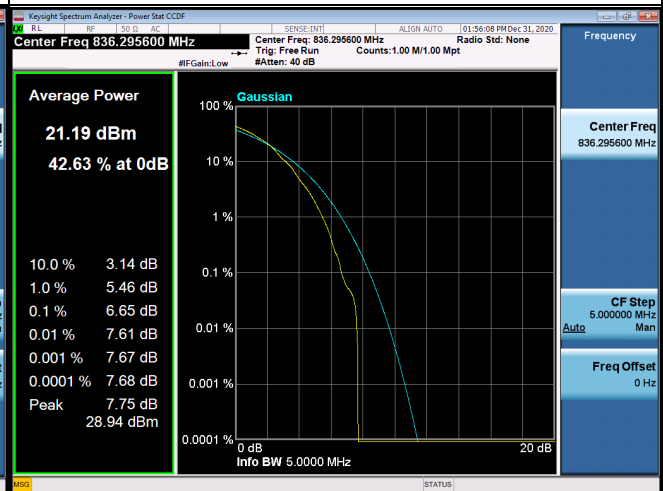


## LTE Band 26\_1.4M Spectrum Plot

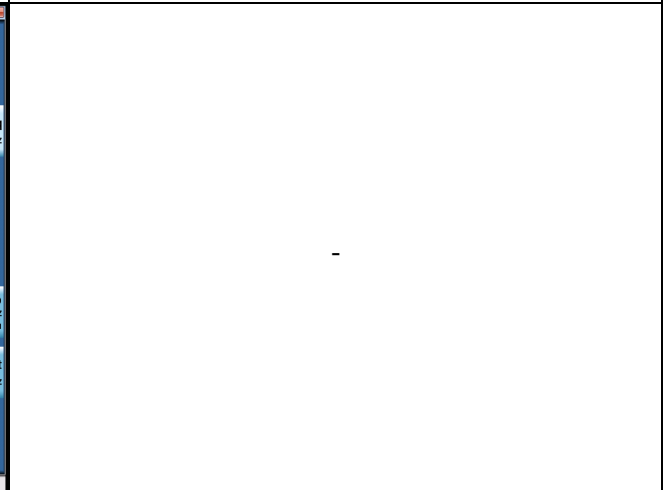
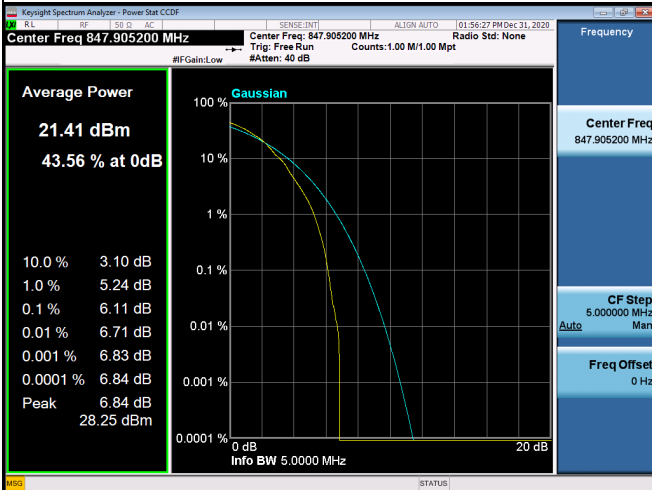
### 64QAM-26797



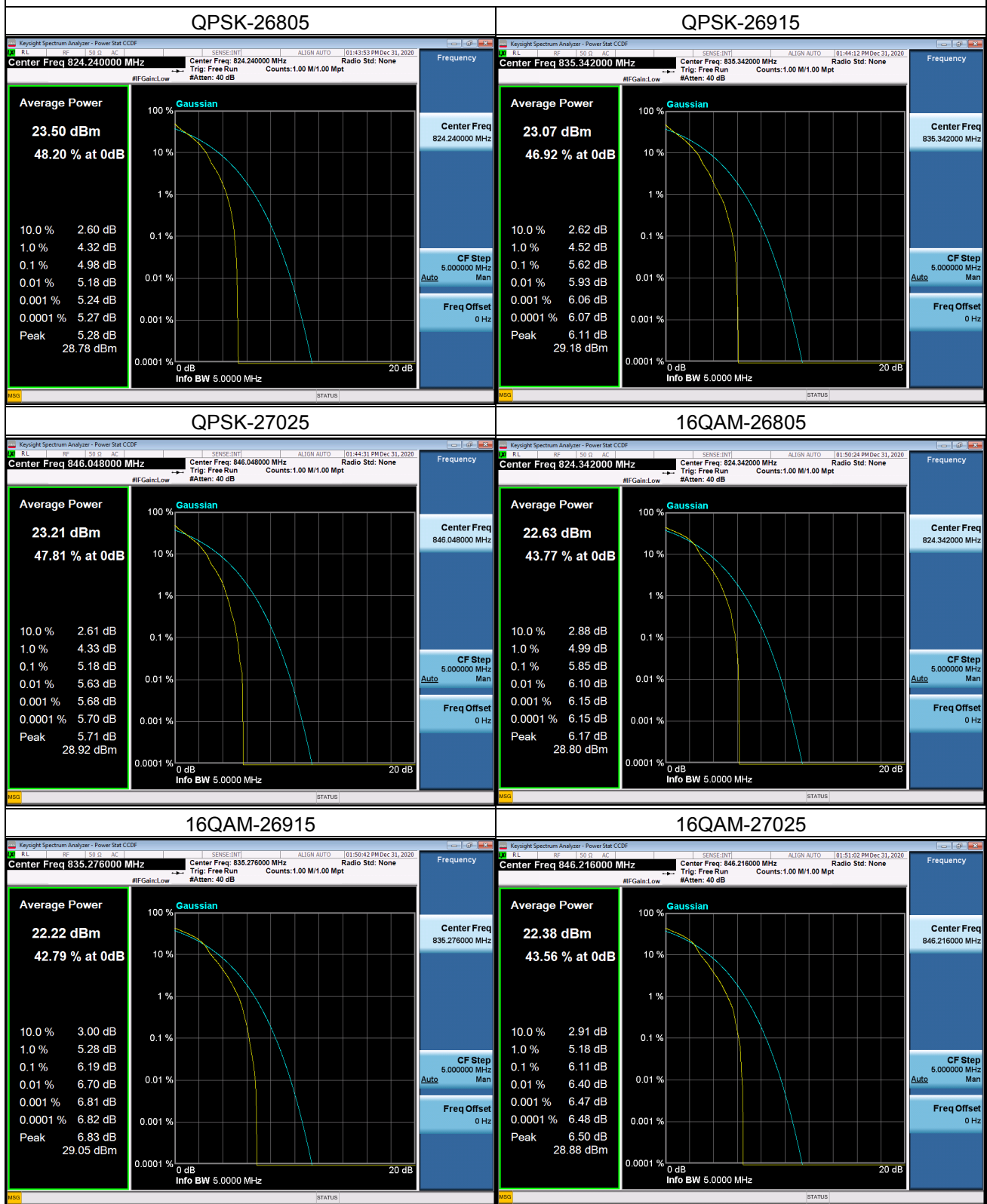
### 64QAM-26915



### 64QAM-27033

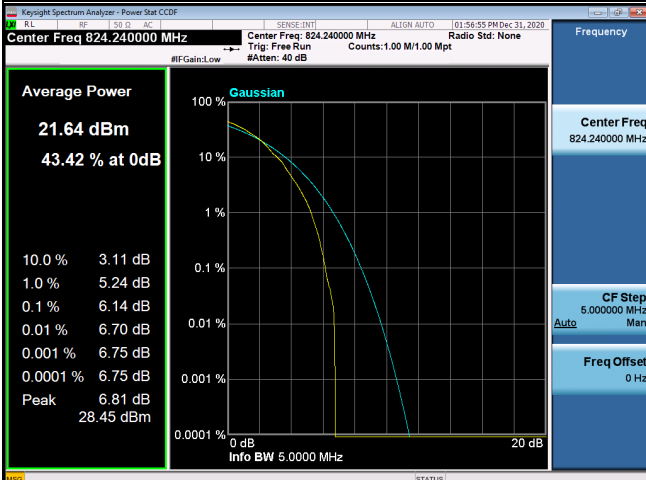


## LTE Band 26\_3M Spectrum Plot

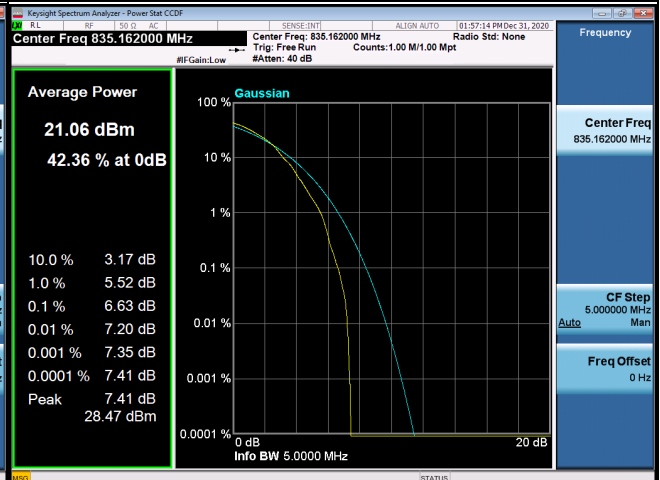


## LTE Band 26\_3M Spectrum Plot

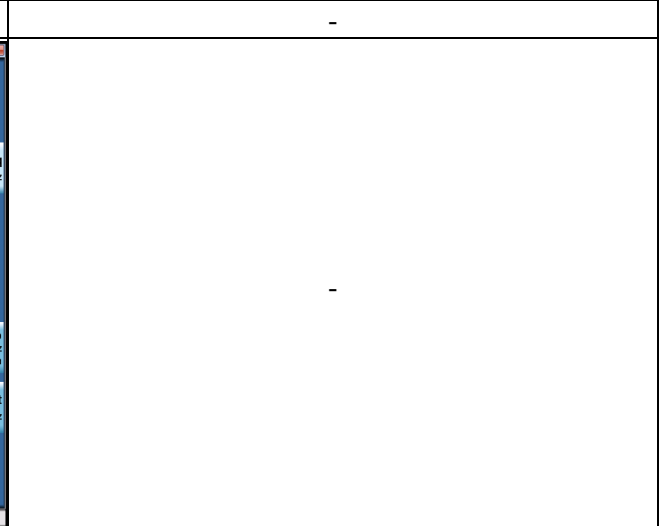
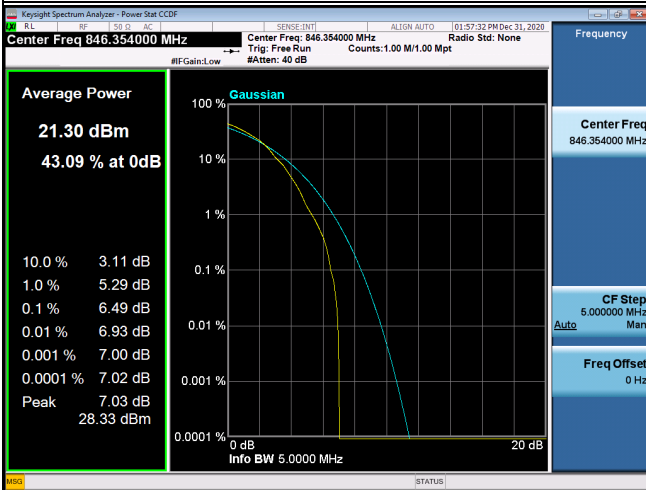
### 64QAM-26805



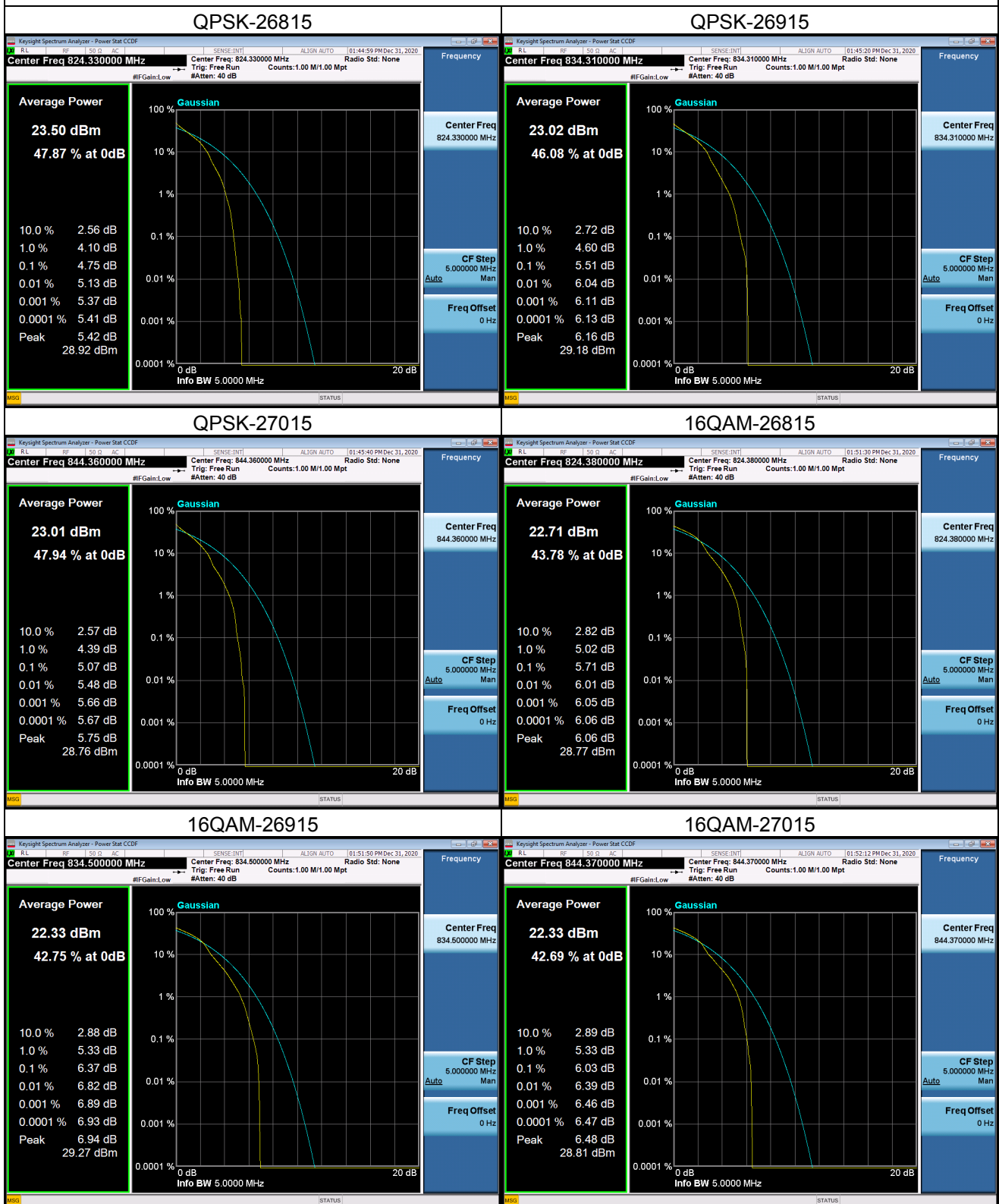
### 64QAM-26915



### 64QAM-27025

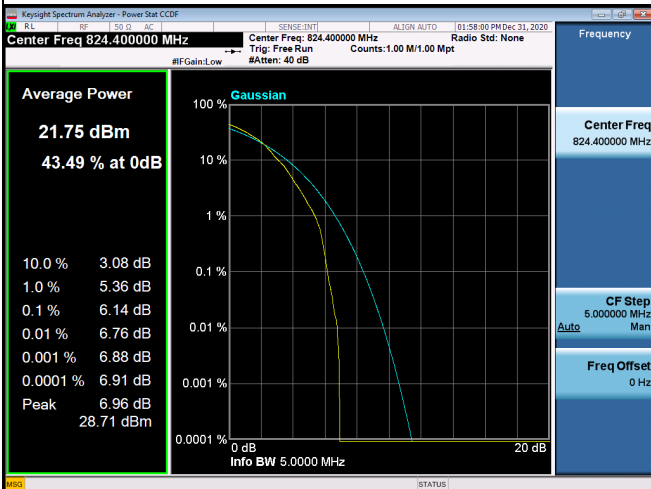


## LTE Band 26\_5M Spectrum Plot

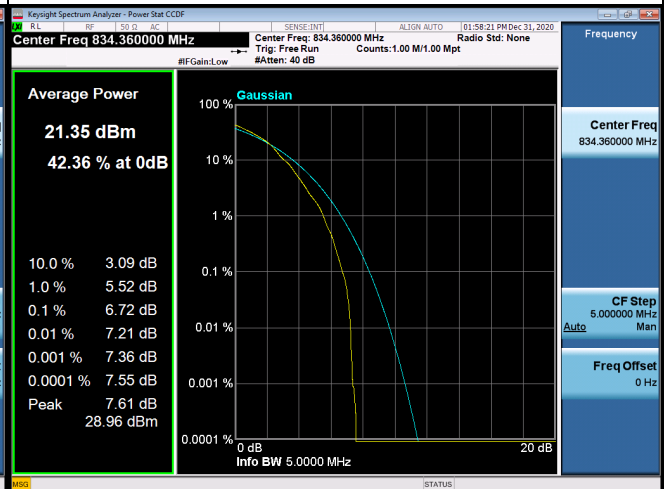


## LTE Band 26\_5M Spectrum Plot

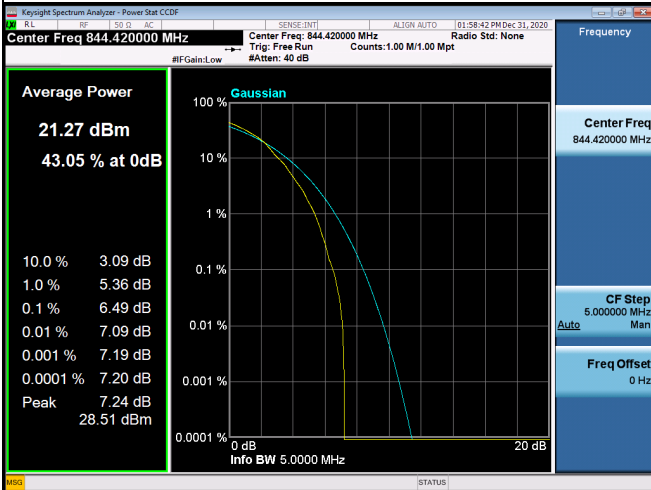
## 64QAM-26815



## 64QAM-26915



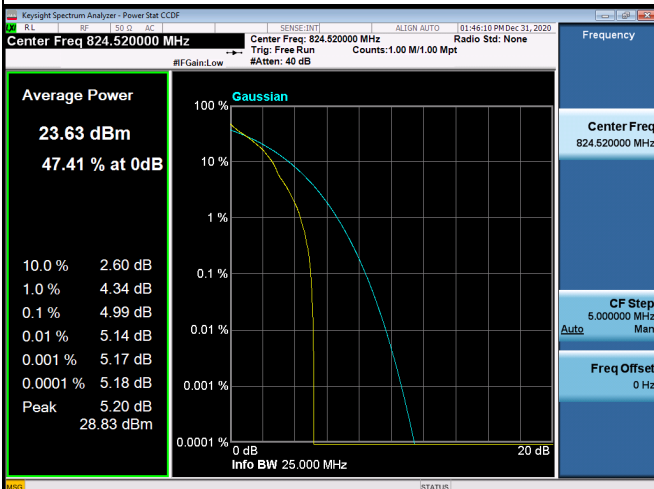
## 64QAM-27015



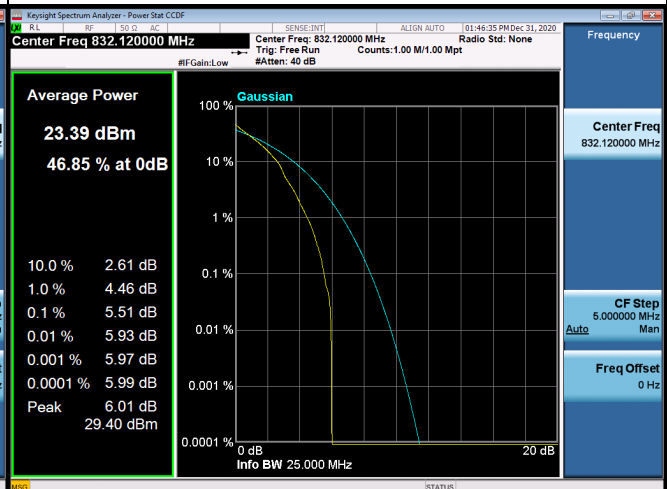


## LTE Band 26\_10M Spectrum Plot

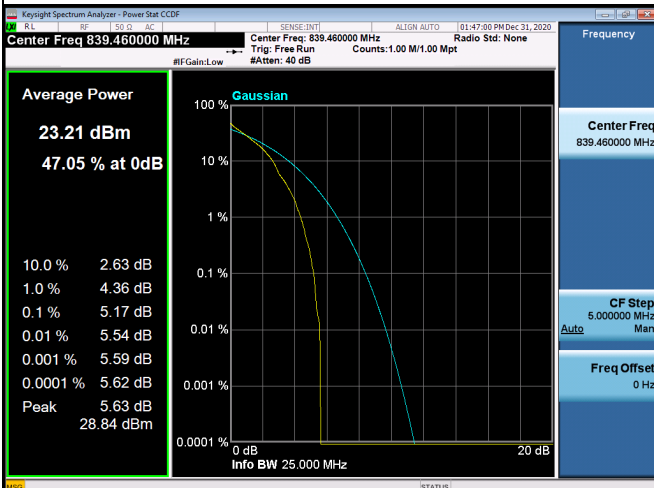
### QPSK-26840



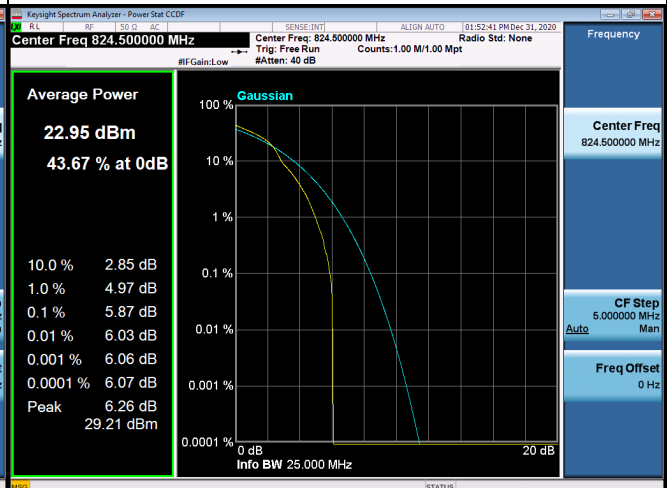
### QPSK-26915



### QPSK-26990



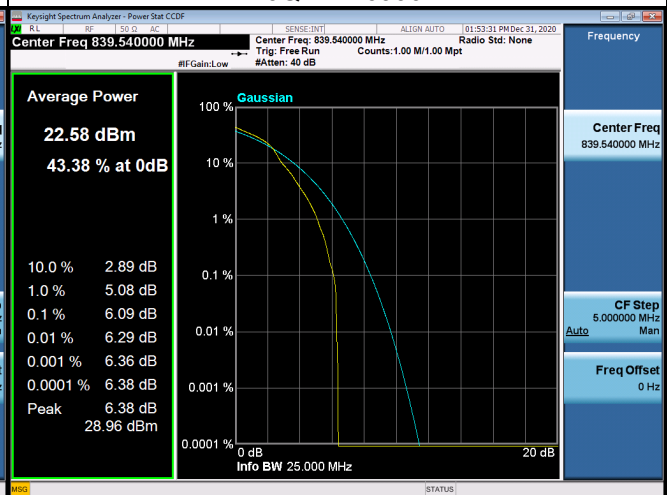
### 16QAM-26840



### 16QAM-26915

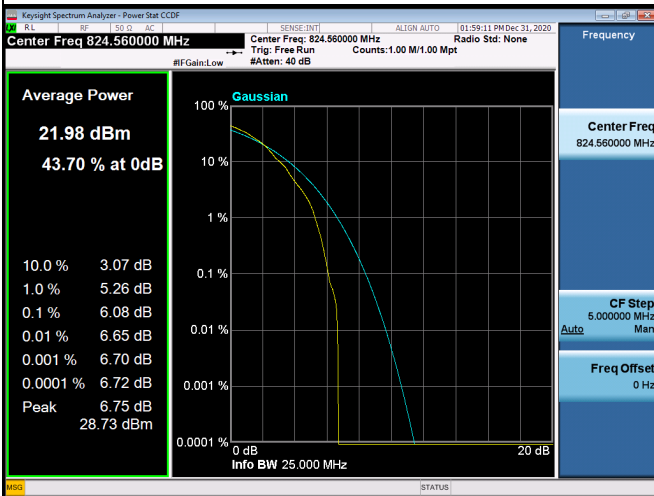


### 16QAM-26990

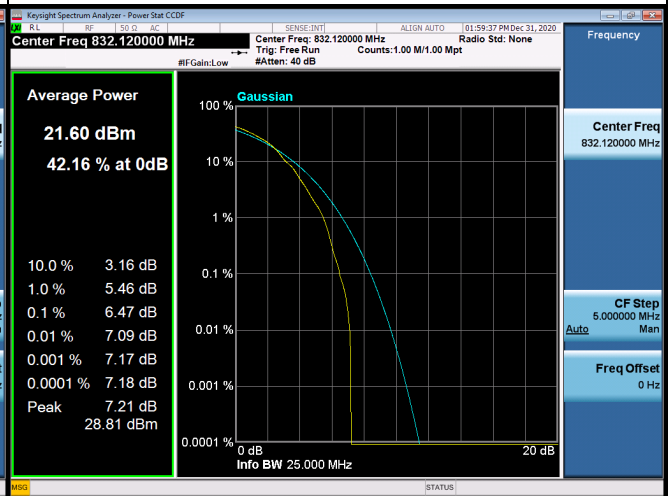


## LTE Band 26\_10M Spectrum Plot

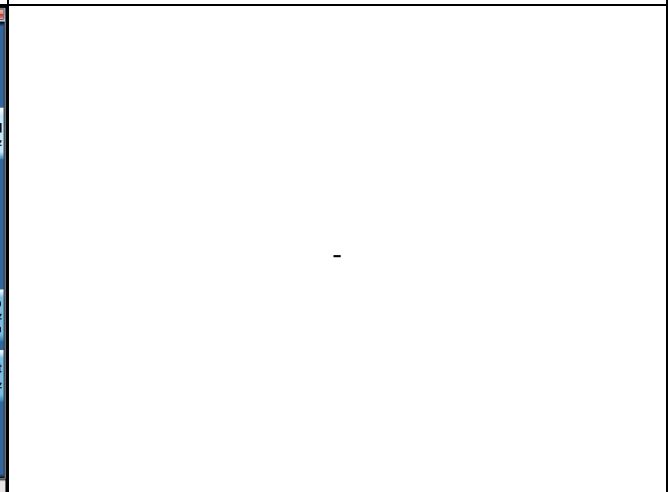
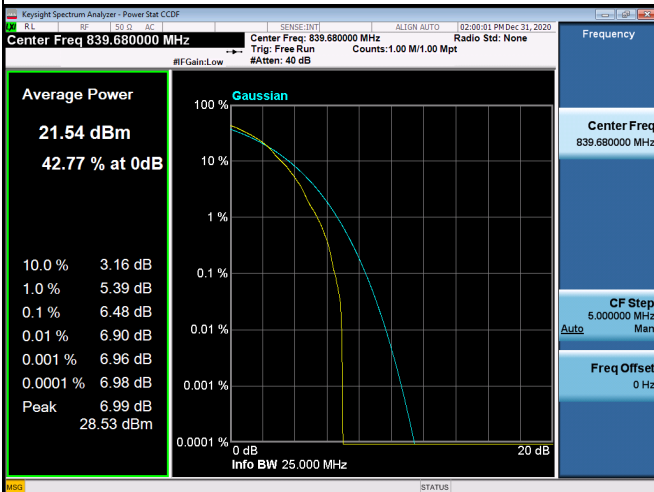
### 64QAM-26840



### 64QAM-26915

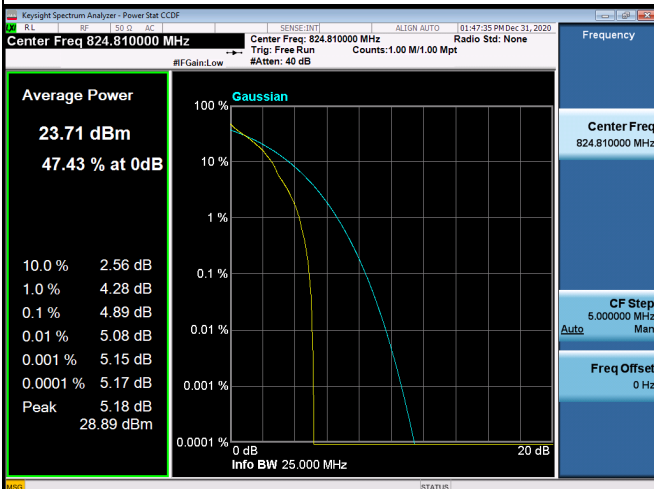


### 64QAM-26990

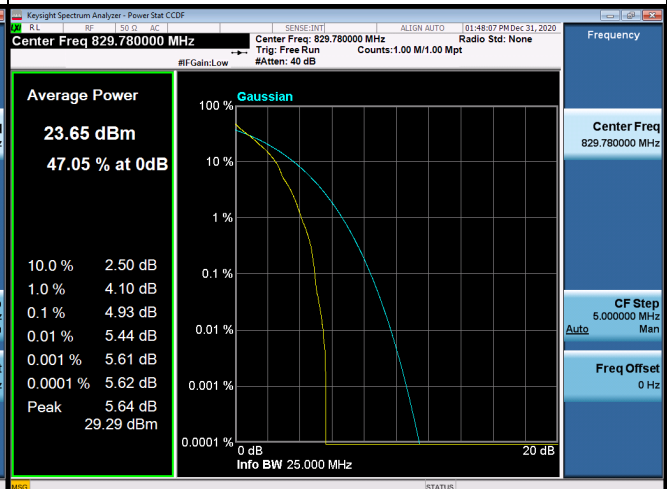


## LTE Band 26\_15M Spectrum Plot

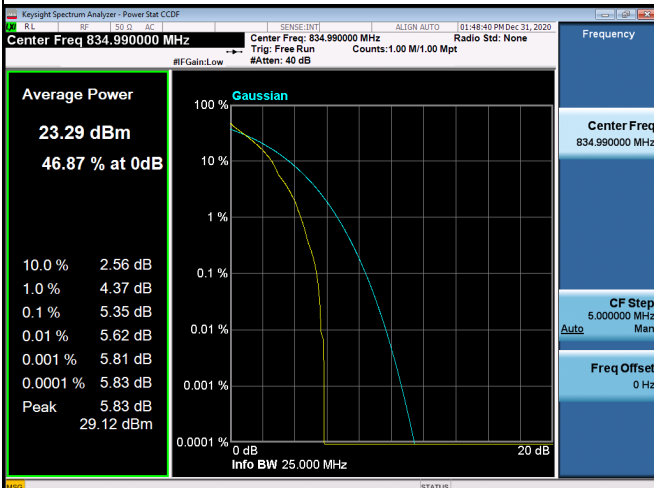
### QPSK-26865



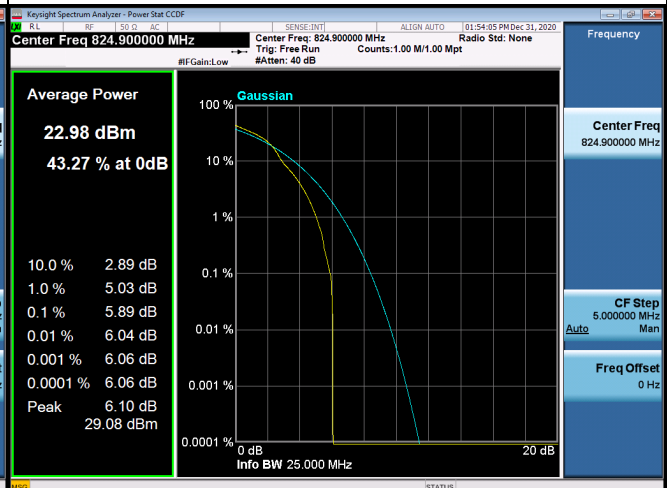
### QPSK-26915



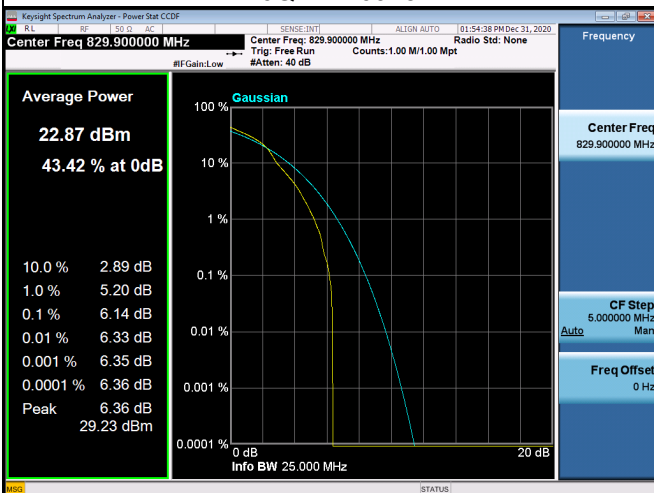
### QPSK-26965



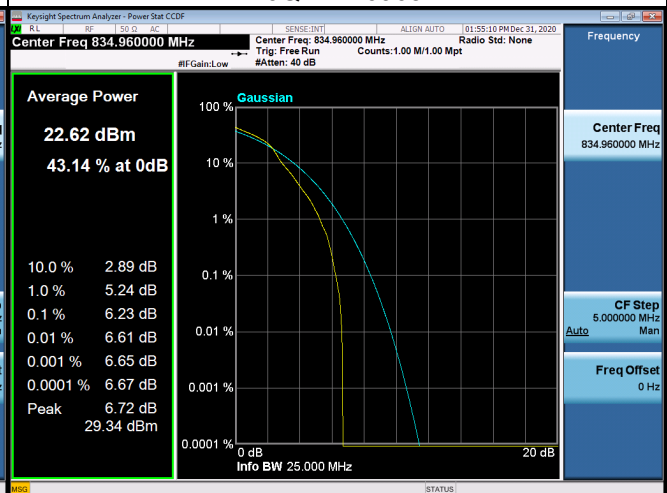
### 16QAM-26865



### 16QAM-26915

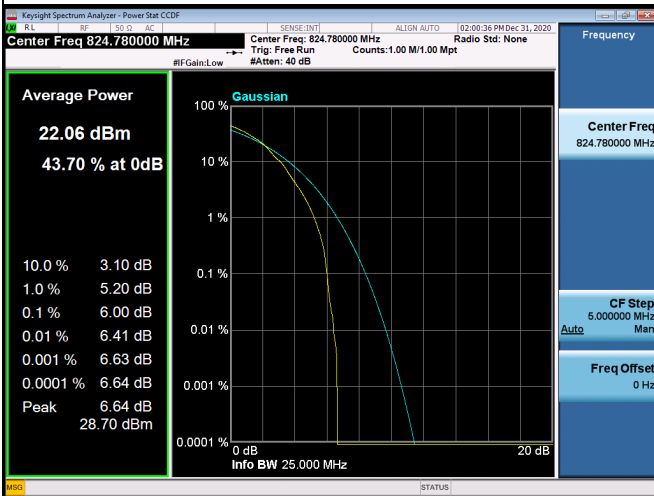


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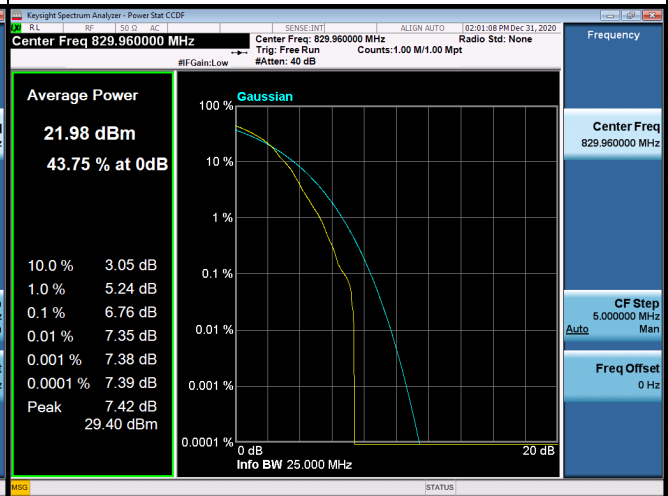


## LTE Band 26\_15M Spectrum Plot

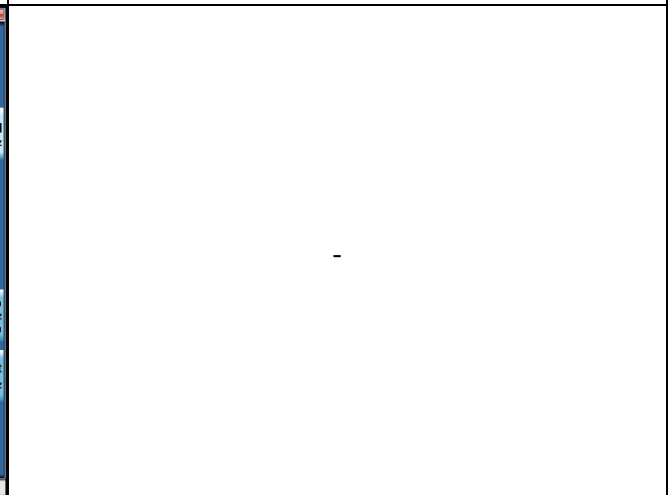
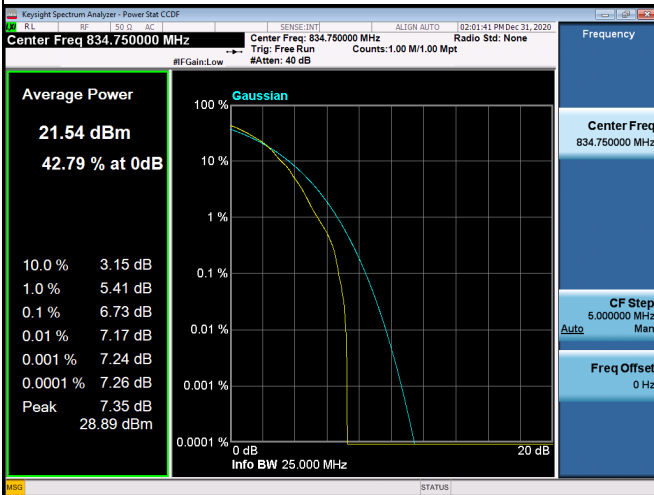
### 64QAM-26865



### 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)
-30	4.6	0.005498446	±2.5
-20	2.56	0.003060005	
-10	7.11	0.008498685	
0	6.15	0.007351183	
10	8.15	0.009741812	
20	6.12	0.007315324	
30	6.21	0.007422902	
40	9.2	0.010996892	
50	2.16	0.002581879	
Max. Deviation (ppm)	9.2	0.010996892	

**Voltage vs. Frequency Stability**

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	3.69	0.00441071	±2.5
3.87	3.42	0.004087975	
3.4	3.88	0.00463782	
Max. Deviation (ppm)	3.88	0.00463782	

Test Mode	WCDMA Band V_CH4182
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**Temperature vs. Frequency Stability**

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	5.78	0.006910569	±2.5
-20	9.00	0.010760402	
-10	4.32	0.005164993	
0	6.55	0.007831181	
10	7.51	0.008978957	
20	4.41	0.005272597	
30	3.24	0.003873745	
40	0.15	0.00017934	
50	0.54	0.000645624	
Max. Deviation (ppm)	7.51	0.010760402	

**Voltage vs. Frequency Stability**

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	4.15	0.004961741	±2.5
3.87	3.15	0.003766141	
3.4	3.35	0.004005261	
Max. Deviation (ppm)	4.15	0.004961741	

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)
-30	1.17	0.001398685	±2.5
-20	-5.66	-0.006766288	
-10	7.56	0.009037657	
0	-8.47	-0.010125523	
10	-2.98	-0.003562463	
20	-0.62	-0.000741184	
30	9.56	0.011428571	
40	0.10	0.000119546	
50	-4.84	-0.005786013	
Max. Deviation (ppm)	9.56	0.011428571	

**Voltage vs. Frequency Stability**

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-3.78	-0.004518828	±2.5
3.87	-3.94	-0.004710102	
3.4	-1.62	-0.001936641	
Max. Deviation (ppm)	-3.94	-0.004710102	



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)
-30	-6.63	-0.007925882	±2.5
-20	-6.44	-0.007698745	
-10	-8.13	-0.009719068	
0	-7.99	-0.009551704	
10	1.89	0.002259414	
20	-9.52	-0.011380753	
30	7.83	0.00936043	
40	-2.77	-0.003311417	
50	7.66	0.009157203	
Max. Deviation (ppm)	-9.52	-0.011380753	

**Voltage vs. Frequency Stability**

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	6.17	0.007375971	±2.5
3.87	1.66	0.001984459	
3.4	-6.58	-0.007866109	
Max. Deviation (ppm)	-6.58	-0.007866109	

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)
-30	6.69	0.007997609	±2.5
-20	-5.34	-0.006383742	
-10	8.16	0.009754931	
0	-4.84	-0.005786013	
10	-0.73	-0.000872684	
20	-4.42	-0.005283921	
30	3.81	0.004554692	
40	-7.05	-0.008427974	
50	9.98	0.011930663	
Max. Deviation (ppm)	9.98	0.011930663	

**Voltage vs. Frequency Stability**

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-3.05	-0.003646145	±2.5
3.87	-1.14	-0.001362821	
3.4	-4.21	-0.005032875	
Max. Deviation (ppm)	-4.21	-0.005032875	

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)
-30	-7.82	-0.009348476	±2.5
-20	7.69	0.009193066	
-10	5.26	0.006288105	
0	-9.13	-0.010914525	
10	9.72	0.011619845	
20	-2.78	-0.003323371	
30	8.79	0.010508069	
40	7.65	0.009145248	
50	3.91	0.004674238	
Max. Deviation (ppm)	9.72	0.011619845	

**Voltage vs. Frequency Stability**

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	2.66	0.003179916	±2.5
3.87	1.12	0.001338912	
3.4	4.17	0.004985057	
Max. Deviation (ppm)	4.17	0.004985057	

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)
-30	5.24	0.006264196	±2.5
-20	-3.90	0.004662283	
-10	6.22	0.007435744	
0	-3.51	0.004196055	
10	7.16	0.008559474	
20	-9.74	0.011643754	
30	5.44	0.006503288	
40	3.58	0.004279737	
50	-4.16	0.004973102	
Max. Deviation (ppm)	-9.74	0.011643754	

**Voltage vs. Frequency Stability**

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	4.48	0.005355649	±2.5
3.87	6.23	0.007447699	
3.4	-4.99	-0.005965332	
Max. Deviation (ppm)	6.23	0.007447699	

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)
-30	-7.16	0.008559474	±2.5
-20	6.25	0.007471608	
-10	3.10	0.003705918	
0	-0.59	0.00070532	
10	1.72	0.002056186	
20	-6.89	0.008236701	
30	5.39	0.006443515	
40	-9.26	0.011069934	
50	4.40	0.005260012	
Max. Deviation (ppm)	-9.26	0.011069934	

**Voltage vs. Frequency Stability**

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	3.91	0.004674238	±2.5
3.87	-6.19	-0.00739988	
3.4	-1.54	-0.001841004	
Max. Deviation (ppm)	-6.19	-0.00739988	

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)
-30	-9.05	-0.010818888	±2.5
-20	-5.51	-0.00658697	
-10	-8.03	-0.009599522	
0	5.08	0.006072923	
10	-1.17	-0.001398685	
20	3.19	0.003813509	
30	-6.88	-0.008224746	
40	3.02	0.003610281	
50	6.66	0.007961745	
Max. Deviation (ppm)	-9.05	-0.010818888	

**Voltage vs. Frequency Stability**

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	3.45	0.004124328	±2.5
3.87	2.55	0.003048416	
3.4	-2.92	-0.003490735	
Max. Deviation (ppm)	3.45	0.004124328	

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)
-30	-9.56	-0.011428571	±2.5
-20	-7.67	-0.009169157	
-10	1.70	0.002032277	
0	5.90	0.007053198	
10	-7.78	-0.009300658	
20	5.97	0.00713688	
30	2.16	0.002582188	
40	7.86	0.009396294	
50	-8.49	-0.010149432	
Max. Deviation (ppm)	-9.56	-0.011428571	

**Voltage vs. Frequency Stability**

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-1.09	-0.001303048	±2.5
3.87	1.87	0.002235505	
3.4	-5.59	-0.006682606	
Max. Deviation (ppm)	-5.59	-0.006682606	

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)
-30	0.70	0.00083682	±2.5
-20	2.97	0.003550508	
-10	-1.94	-0.002319187	
0	-9.23	-0.011034071	
10	7.09	0.008475792	
20	6.52	0.007794381	
30	-7.58	-0.009061566	
40	4.00	0.004781829	
50	6.88	0.008224746	
Max. Deviation (ppm)	-9.23	-0.011034071	

**Voltage vs. Frequency Stability**

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	6.30	0.007531381	±2.5
3.87	4.35	0.005200239	
3.4	2.29	0.002737597	
Max. Deviation (ppm)	6.3	0.007531381	

End of Test Report