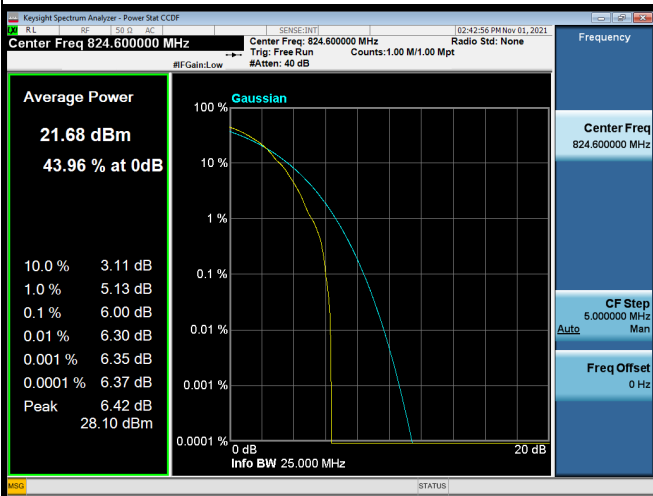


LTE Band 5_10M Spectrum Plot

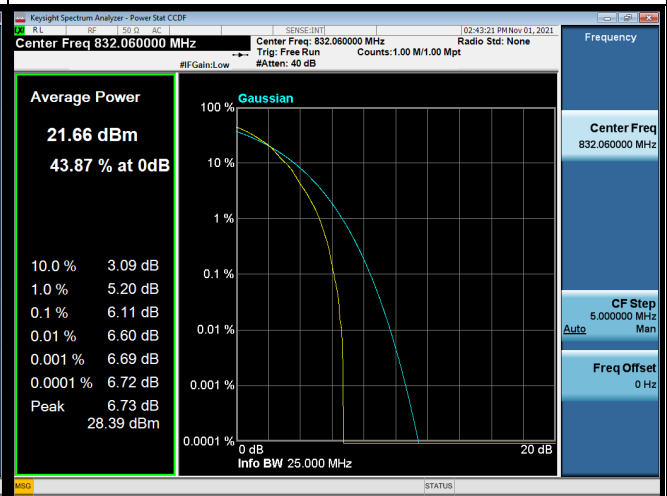


LTE Band 5_10M Spectrum Plot

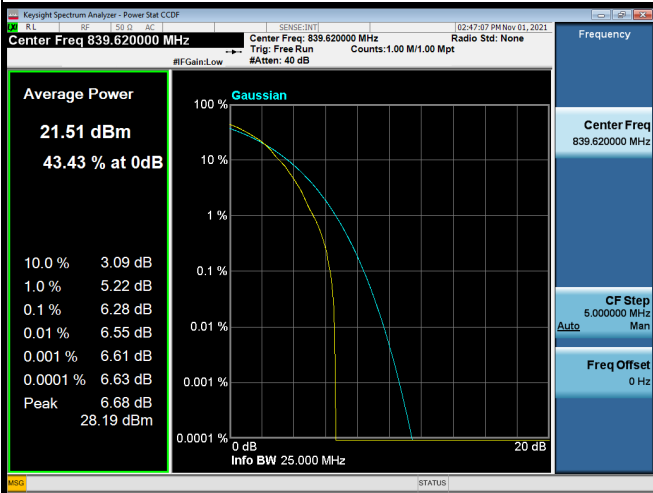
64QAM-20450



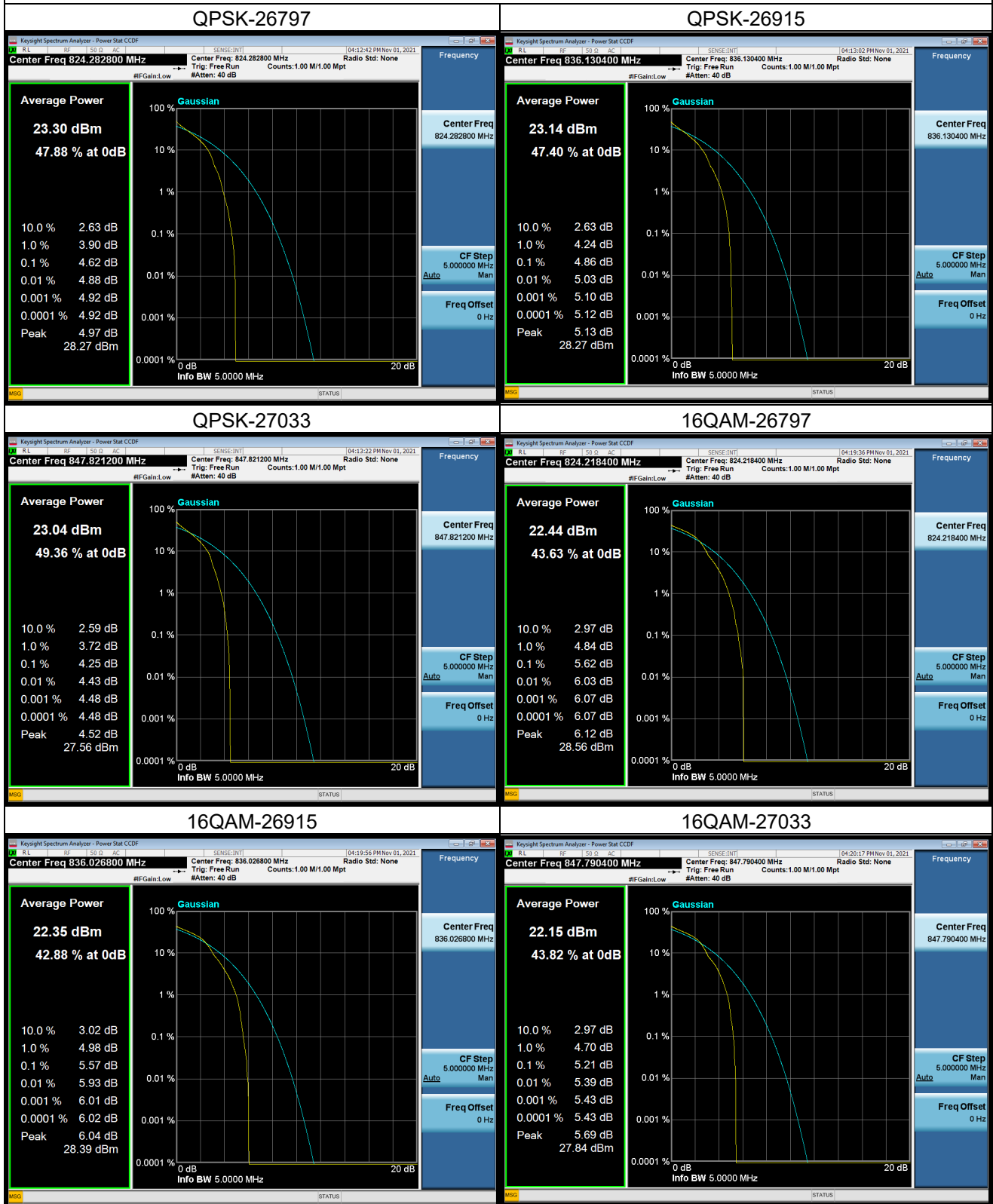
64QAM-20525



64QAM-20600

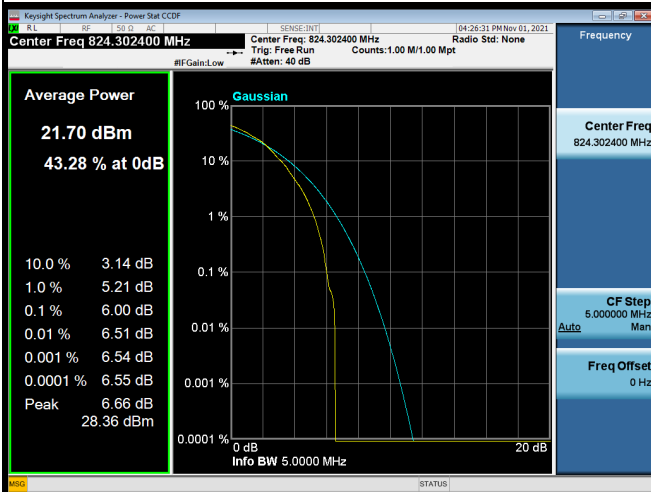


LTE Band 26_1.4M Spectrum Plot

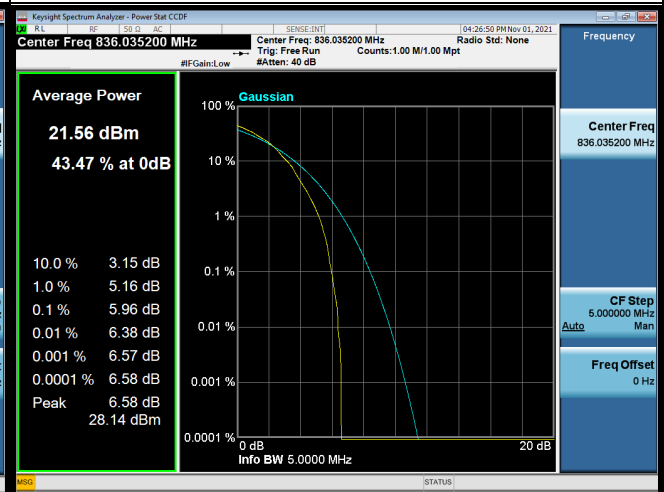


LTE Band 26_1.4M Spectrum Plot

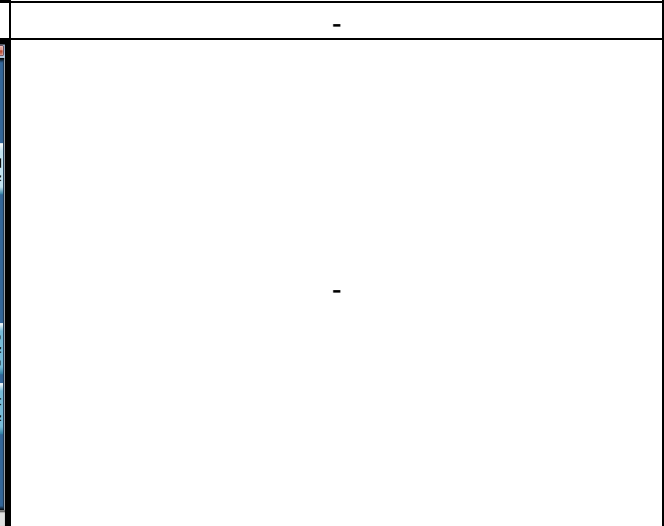
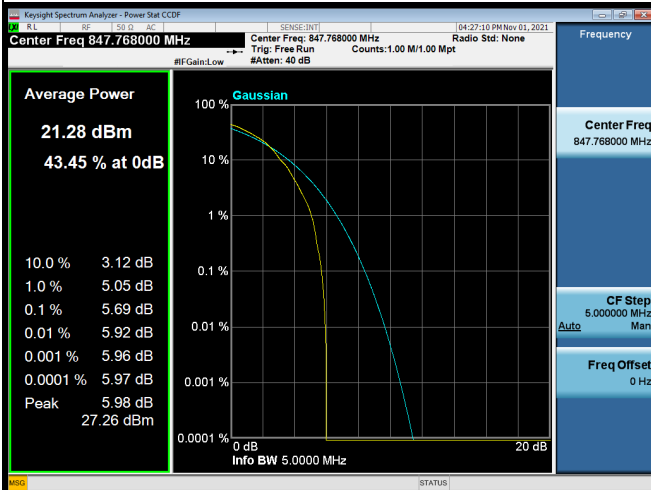
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64QAM-26915

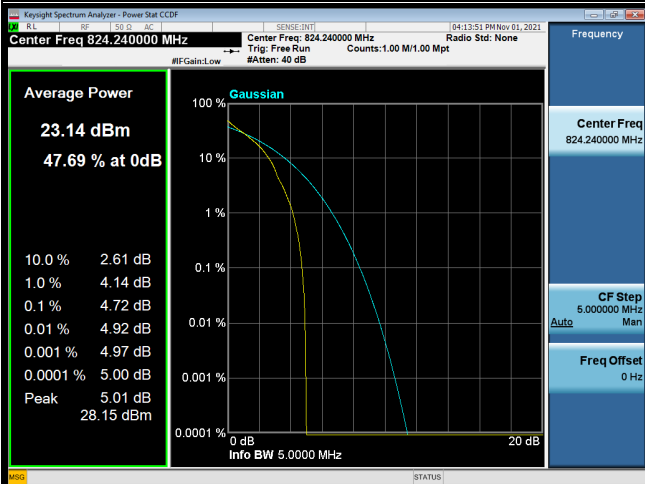


64QAM-27033

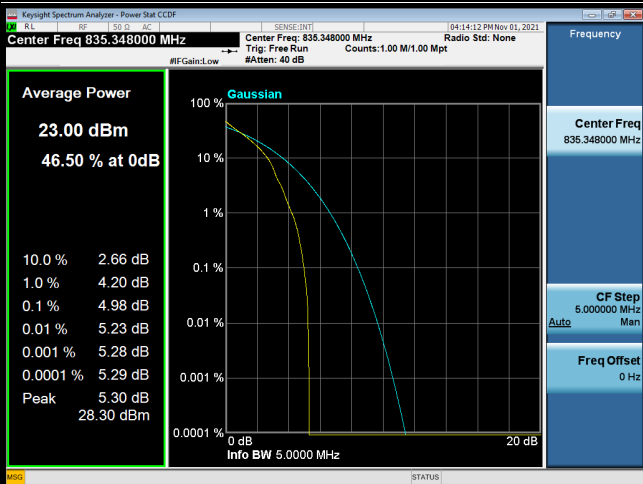


LTE Band 26_3M Spectrum Plot

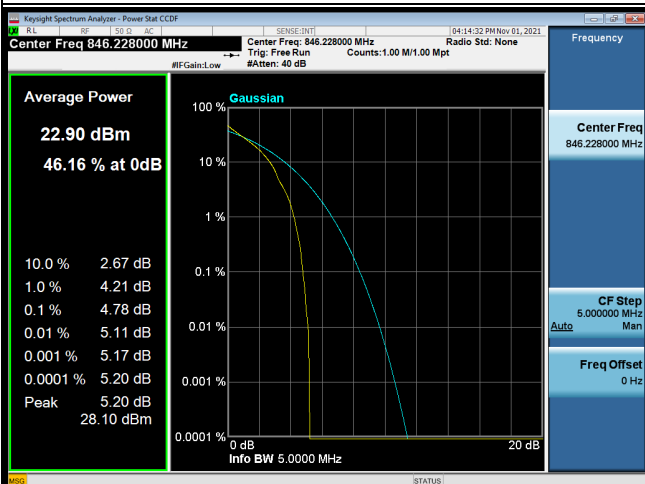
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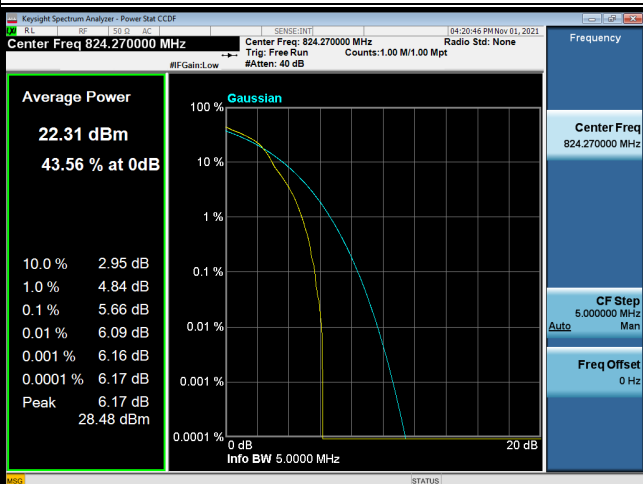
QPSK-26915



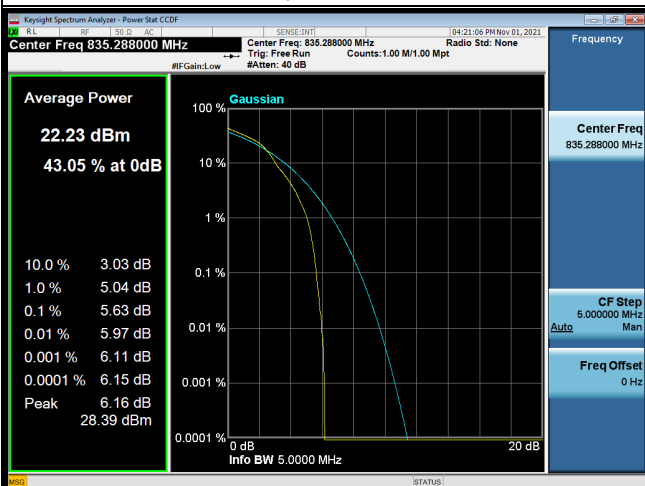
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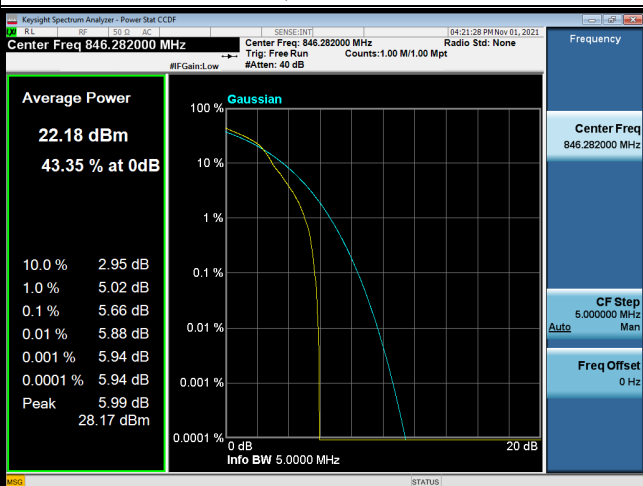
16QAM-26805



16QAM-26915

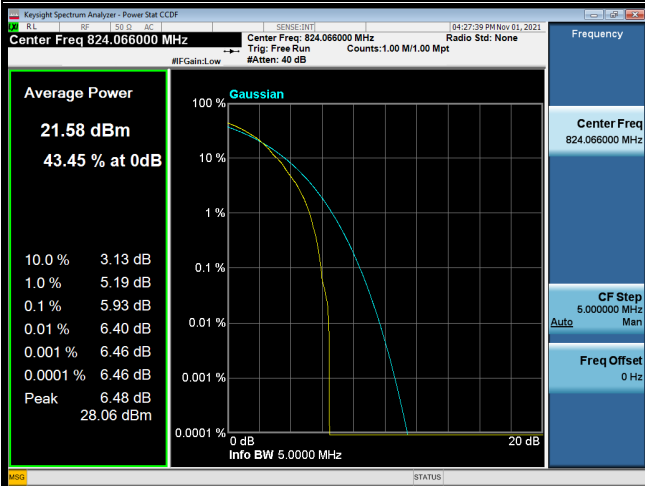


16QAM-27025

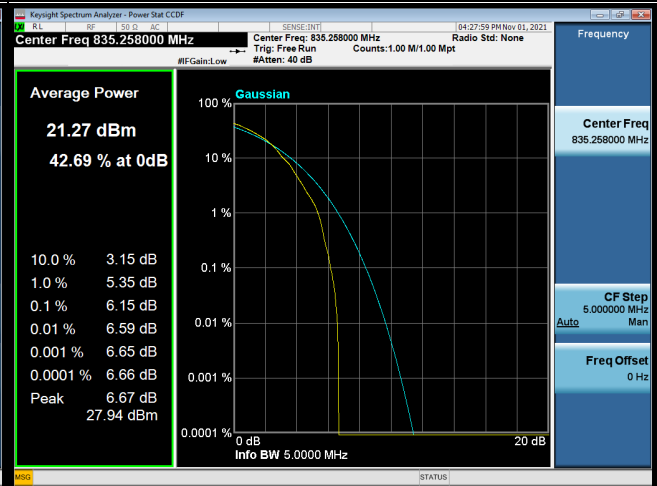


LTE Band 26_3M Spectrum Plot

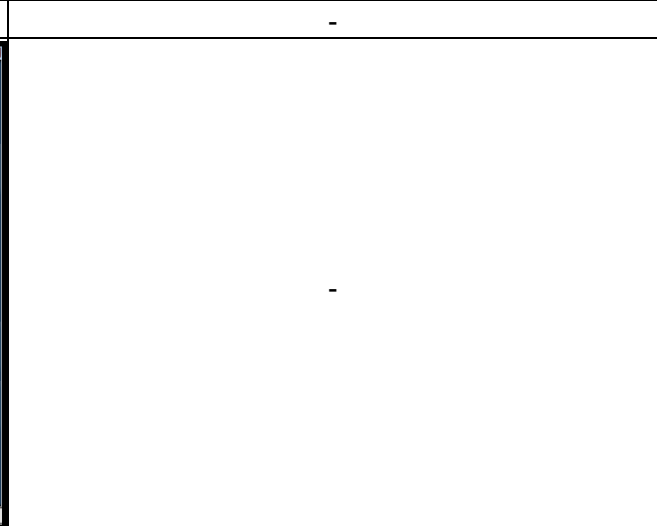
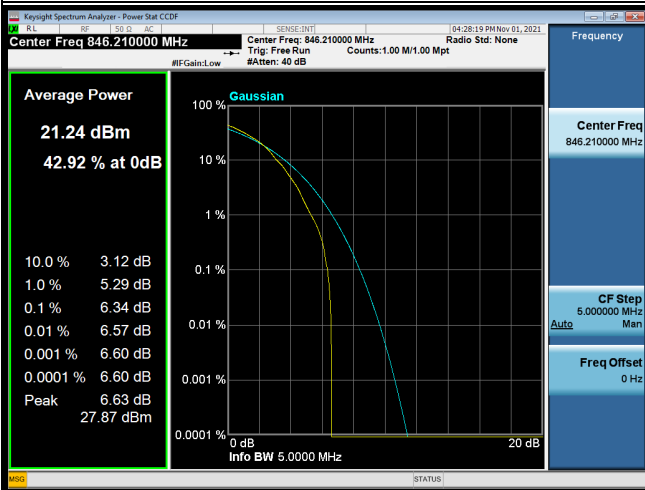
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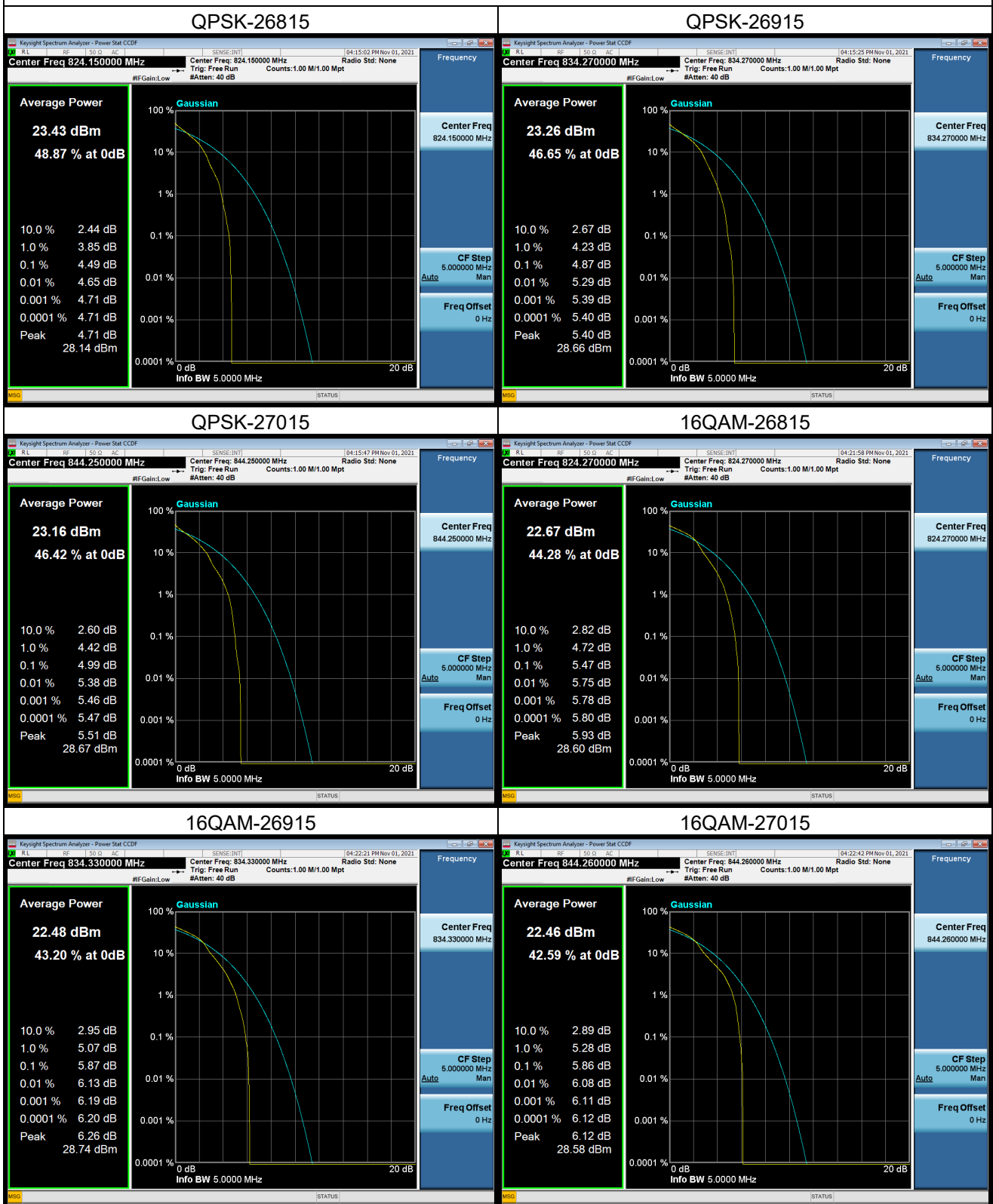
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64QAM-27025

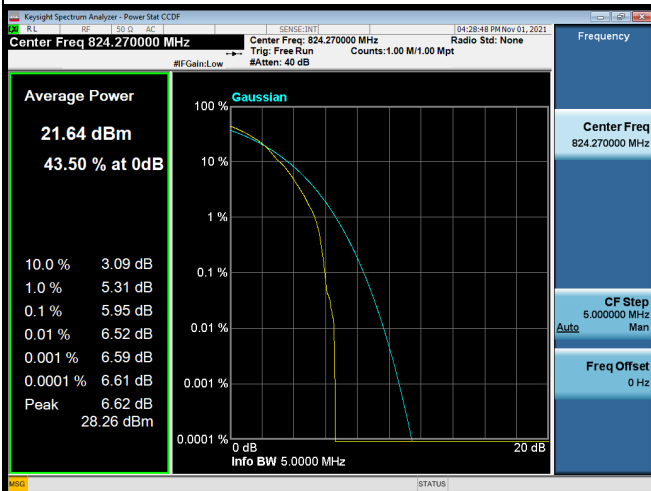


LTE Band 26_5M Spectrum Plot



LTE Band 26_5M Spectrum Plot

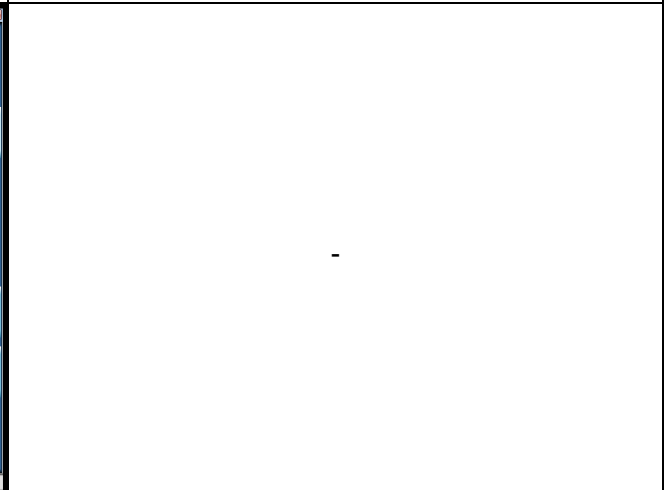
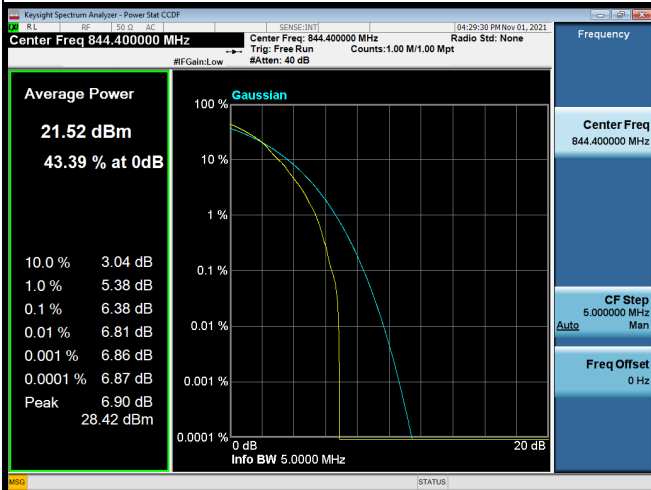
64QAM-26815



64QAM-26915



64QAM-27015

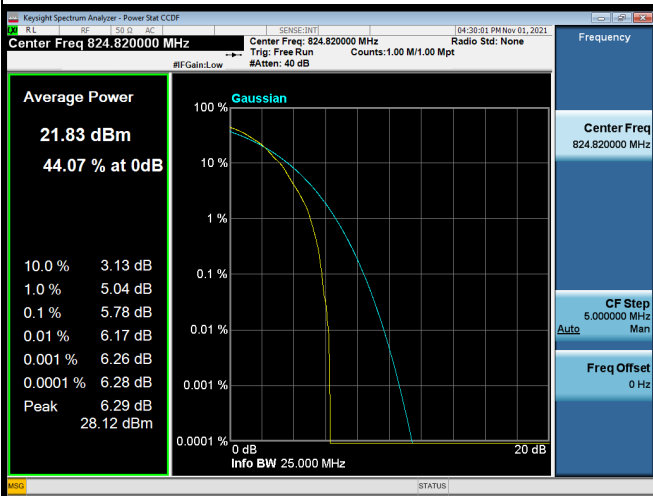


LTE Band 26_10M Spectrum Plot

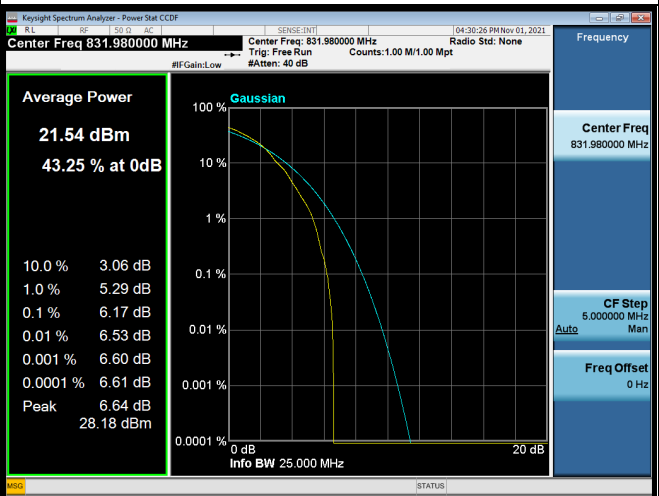


LTE Band 26_10M Spectrum Plot

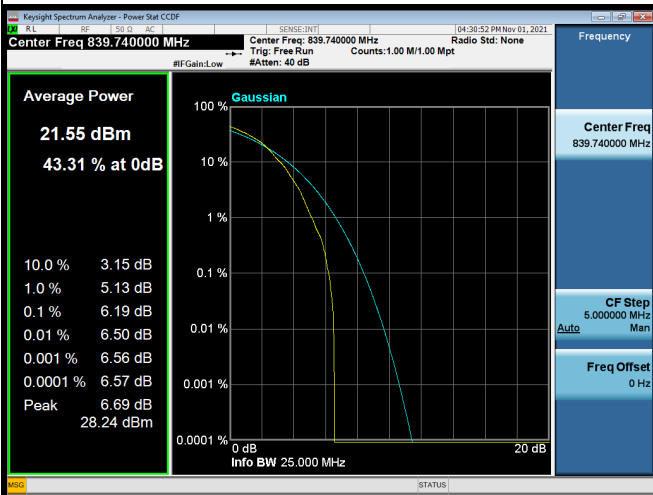
64QAM-26840



64QAM-26915



64QAM-26990

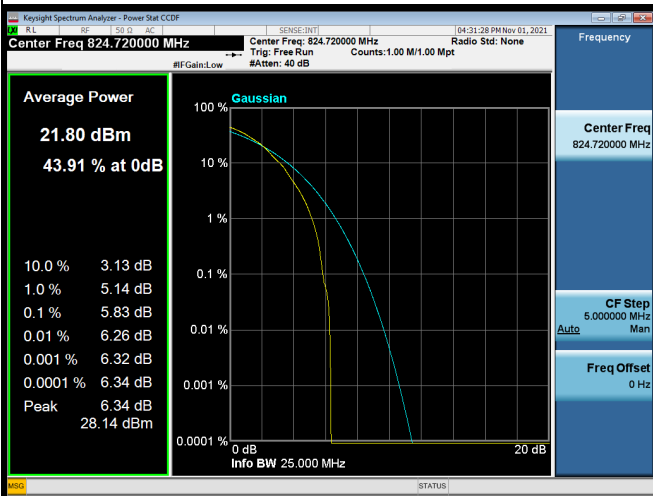


LTE Band 26_15M Spectrum Plot

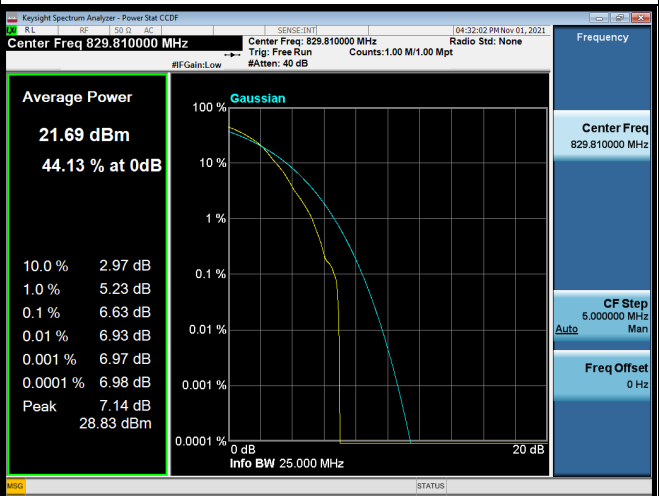


LTE Band 26_15M Spectrum Plot

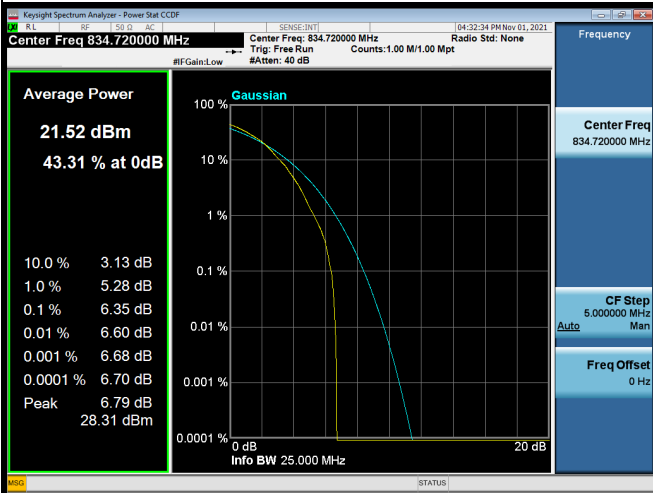
64QAM-26865



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	4.19	0.005008367	±2.5
-20	6.67	0.007972747	
-10	5.99	0.007159933	
0	4.91	0.005868994	
10	6.08	0.007267511	
20	6.56	0.007841262	
30	6.02	0.007195792	
40	2.37	0.002832895	
50	1.99	0.002378676	
Max. Deviation (ppm)	7.15	0.007972747	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	5.29	0.006323213	±2.5
3.87	4.85	0.005797275	
3.40	2.07	0.002474301	
Max. Deviation (ppm)	5.29	0.006323213	

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	5.73	0.006850789	±2.5
-20	1.48	0.001769488	
-10	1.99	0.002379244	
0	2.95	0.003527021	
10	3.91	0.004674797	
20	4.42	0.005284553	
30	1.72	0.002056432	
40	4.74	0.005667145	
50	5.28	0.006312769	
Max. Deviation (ppm)	7.51	0.006850789	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	5.25	0.006276901	±2.5
3.87	4.05	0.004842181	
3.40	2.51	0.003000956	
Max. Deviation (ppm)	5.25	0.006276901	

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	-1.63	-0.001948595	±2.5
-20	5.15	0.006156605	
-10	-2.15	-0.002570233	
0	-6.44	-0.007698745	
10	2.68	0.003203825	
20	6.64	0.007937836	
30	-1.31	-0.001566049	
40	4.29	0.005128512	
50	-2.84	-0.003395099	
Max. Deviation (ppm)	6.64	0.007937836	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	6.12	0.007316198	±2.5
3.87	5.97	0.00713688	
3.40	-0.75	-0.000896593	
Max. Deviation (ppm)	6.12	0.007316198	

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	-4.61	-0.005511058	±2.5
-20	-6.19	-0.00739988	
-10	-0.44	-0.000526001	
0	4.21	0.005032875	
10	-3.36	-0.004016736	
20	4.10	0.004901375	
30	7.20	0.008607292	
40	-0.46	-0.00054991	
50	-4.34	-0.005188285	
Max. Deviation (ppm)	7.2	0.008607292	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	1.76	0.002104005	±2.5
3.87	-6.61	-0.007901973	
3.40	-4.46	-0.005331739	
Max. Deviation (ppm)	-6.61	-0.007901973	

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	2.93	0.00350269	±2.5
-20	-7.95	-0.009503885	
-10	-1.75	-0.00209205	
0	5.98	0.007148834	
10	3.23	0.003861327	
20	-7.22	-0.008631201	
30	7.57	0.009049611	
40	5.95	0.007112971	
50	-5.10	-0.006096832	
Max. Deviation (ppm)	-7.95	-0.009503885	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-5.22	-0.006240287	±2.5
3.87	-5.34	-0.006383742	
3.40	-1.50	-0.001793186	
Max. Deviation (ppm)	-5.34	-0.006383742	

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	4.77	0.005702331	±2.5
-20	1.02	0.001219366	
-10	4.69	0.005606695	
0	-5.19	-0.006204423	
10	5.66	0.006766288	
20	4.81	0.005750149	
30	2.99	0.003574417	
40	-5.43	-0.006491333	
50	7.05	0.008427974	
Max. Deviation (ppm)	7.05	0.008427974	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	7.00	0.008368201	±2.5
3.87	-7.85	-0.00938434	
3.40	1.32	0.001578004	
Max. Deviation (ppm)	-7.85	-0.00938434	

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	-4.35	-0.005200239	±2.5
-20	0.15	0.000179319	
-10	-5.90	-0.007053198	
0	-0.60	-0.000717274	
10	4.28	0.005116557	
20	-4.44	-0.00530783	
30	-1.79	-0.002139868	
40	0.32	0.000382546	
50	-5.91	-0.007065152	
Max. Deviation (ppm)	-5.91	-0.007065152	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-2.92	-0.003490735	±2.5
3.87	5.11	0.006108787	
3.40	-2.81	-0.003359235	
Max. Deviation (ppm)	5.11	0.006108787	

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	5.30	0.006335923	±2.5
-20	0.36	0.000430365	
-10	1.55	0.001852959	
0	-3.59	-0.004291692	
10	4.93	0.005893604	
20	4.71	0.005630604	
30	1.40	0.00167364	
40	6.00	0.007172744	
50	-2.20	-0.002630006	
Max. Deviation (ppm)	6	0.007172744	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	5.77	0.006897788	±2.5
3.87	1.91	0.002283323	
3.40	-0.71	-0.000848775	
Max. Deviation (ppm)	5.77	0.006897788	

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	-4.16	-0.004973102	±2.5
-20	-1.84	-0.002199641	
-10	-4.39	-0.005248057	
0	-4.66	-0.005570831	
10	-3.66	-0.004375374	
20	0.46	0.00054991	
30	-3.80	-0.004542738	
40	2.19	0.002618051	
50	4.81	0.005750149	
Max. Deviation (ppm)	4.81	0.005750149	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	1.44	0.001721458	±2.5
3.87	1.31	0.001566049	
3.40	4.45	0.005319785	
Max. Deviation (ppm)	4.45	0.005319785	

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	-3.12	-0.003729827	±2.5
-20	4.39	0.005248057	
-10	4.17	0.004985057	
0	-2.52	-0.003012552	
10	-5.48	-0.006551106	
20	-2.53	-0.003024507	
30	-4.39	-0.005248057	
40	-1.83	-0.002187687	
50	-3.75	-0.004482965	
Max. Deviation (ppm)	-5.48	-0.006551106	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	0.77	0.000920502	±2.5
3.87	5.72	0.006838016	
3.40	-4.68	-0.00559474	
Max. Deviation (ppm)	5.72	0.006838016	

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	4.79	0.00572624	±2.5
-20	-3.87	-0.00462642	
-10	1.82	0.002175732	
0	-5.85	-0.006993425	
10	2.71	0.003239689	
20	3.68	0.004399283	
30	1.14	0.001362821	
40	-2.89	-0.003454871	
50	-3.84	-0.004590556	
Max. Deviation (ppm)	-5.85	-0.006993425	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	3.37	0.004028691	±2.5
3.87	-4.95	-0.005917513	
3.40	-5.99	-0.007160789	
Max. Deviation (ppm)	-5.99	-0.007160789	

End of Test Report