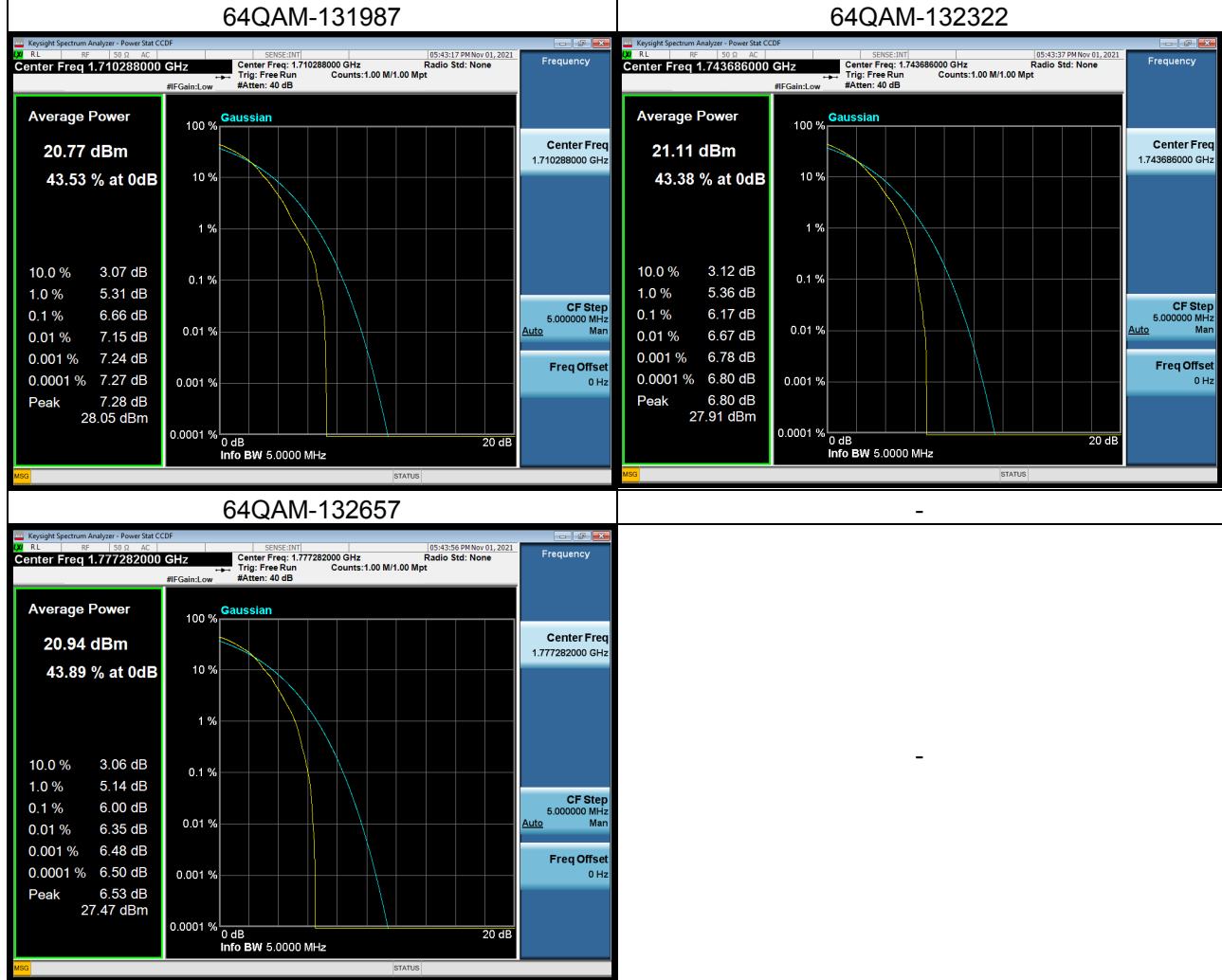


## LTE Band 66\_3M Spectrum Plot



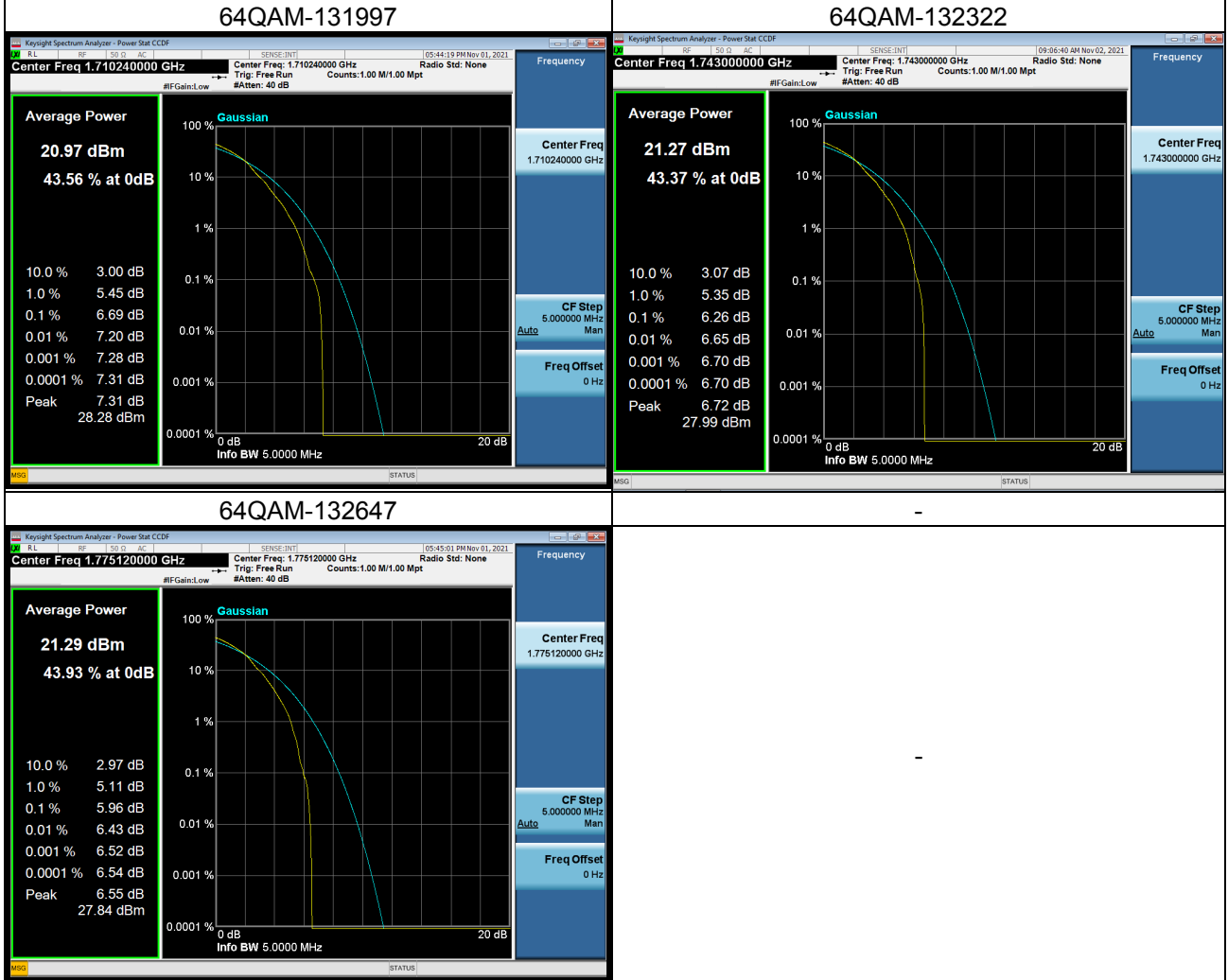
## LTE Band 66\_3M Spectrum Plot



## LTE Band 66\_5M Spectrum Plot



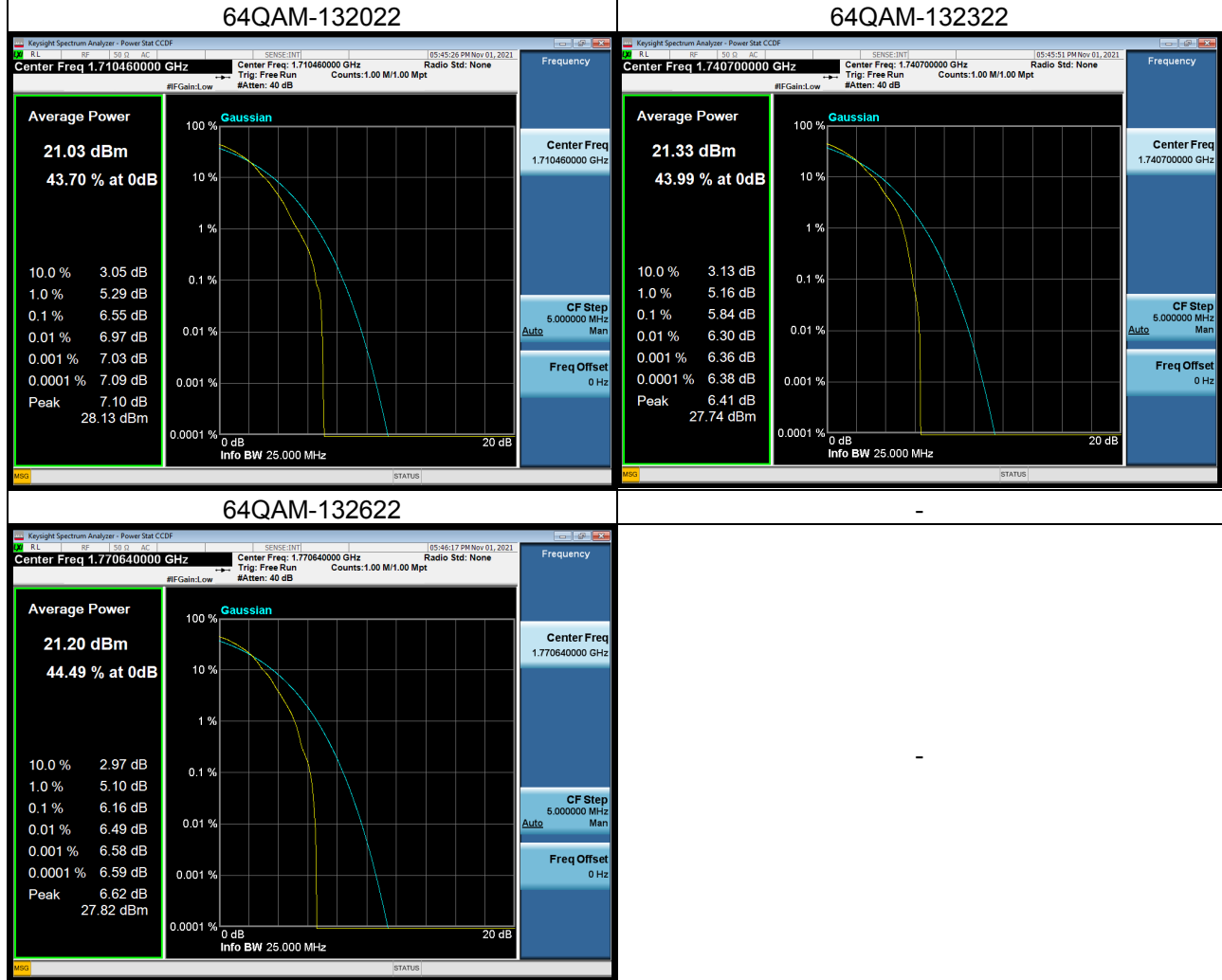
## LTE Band 66\_5M Spectrum Plot



## LTE Band 66\_10M Spectrum Plot



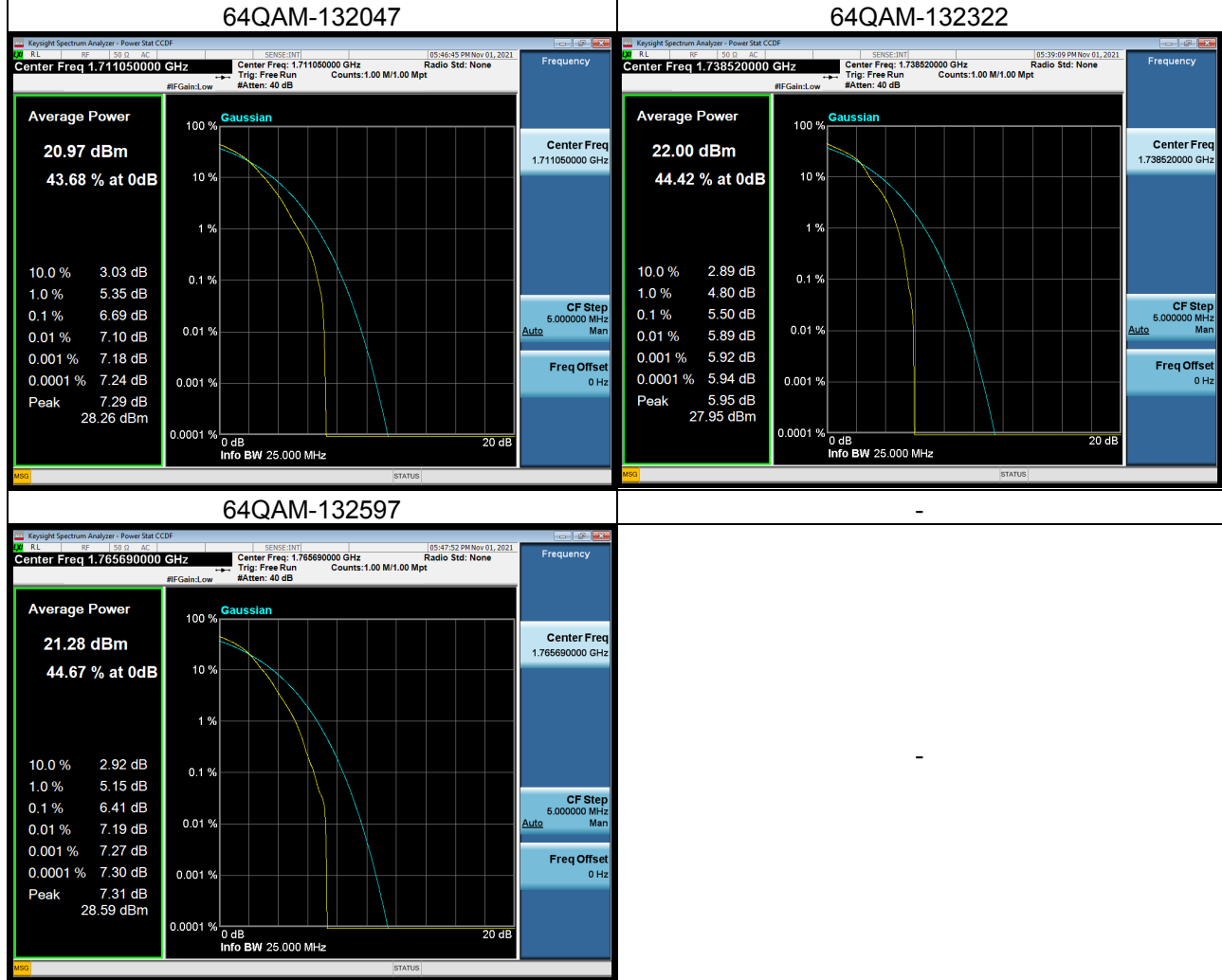
## LTE Band 66\_10M Spectrum Plot



## LTE Band 66\_15M Spectrum Plot

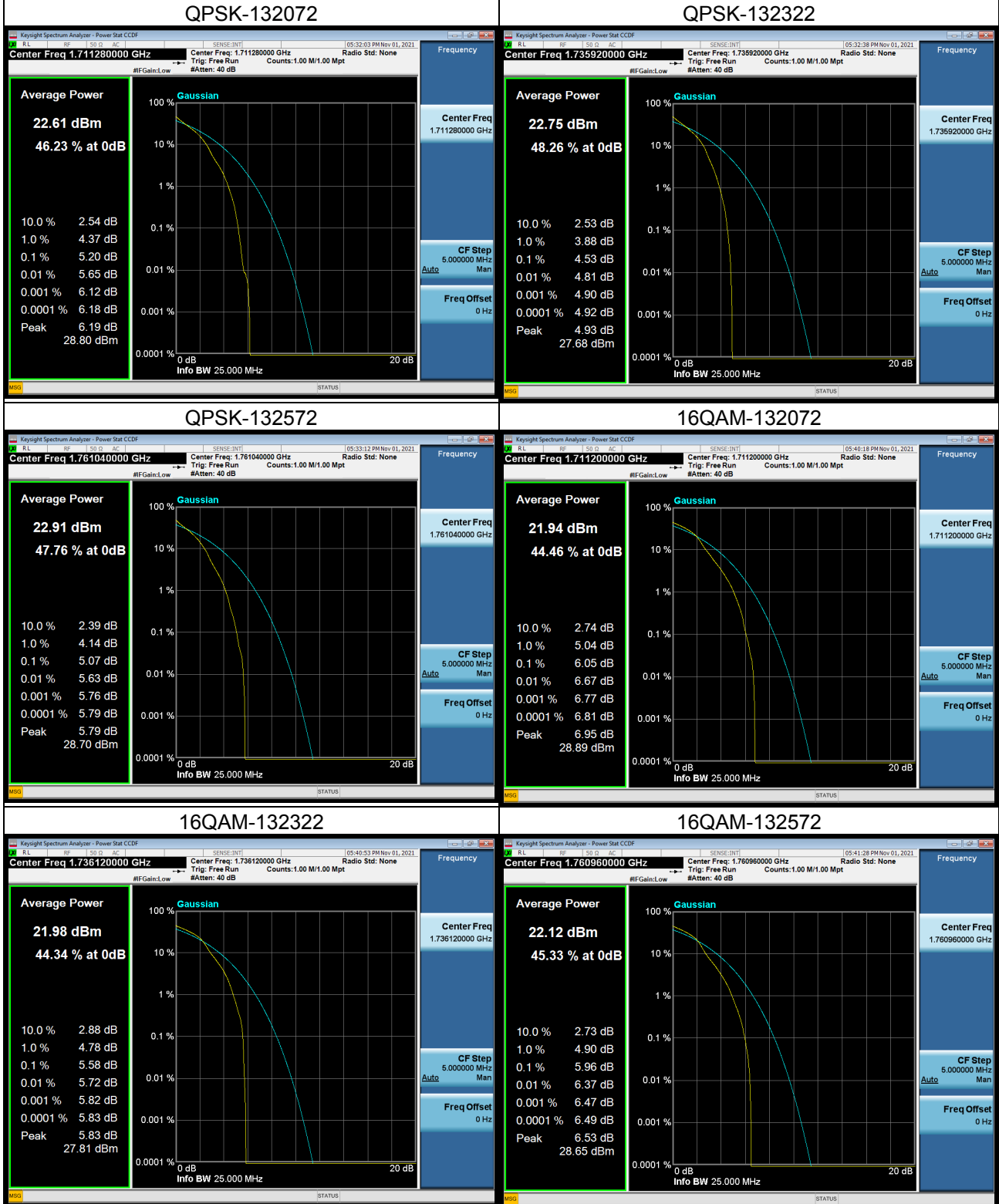


## LTE Band 66\_15M Spectrum Plot

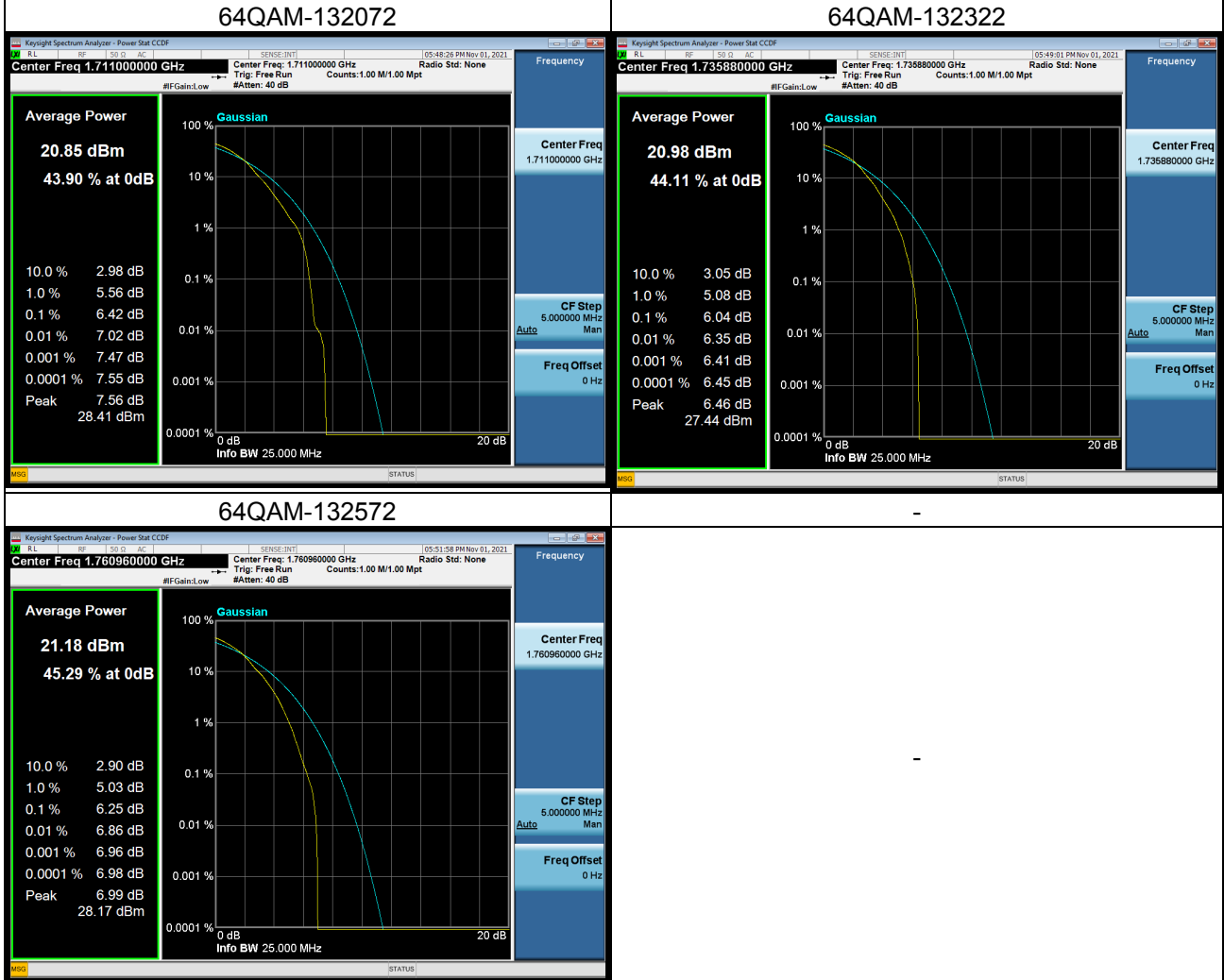




## LTE Band 66\_20M Spectrum Plot



## LTE Band 66\_20M Spectrum Plot



## **APPENDIX I - FREQUENCY STABILITY**

Test Mode	WCDMA Band IV _CH1413
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**Temperature vs. Frequency Stability**

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	1.10	0.000634884	±2.5
-20	1.35	0.000779176	
-10	3.09	0.001783447	
0	5.45	0.003145562	
10	0.62	0.000357844	
20	6.08	0.003509177	
30	5.15	0.002972411	
40	5.28	0.003047443	
50	3.80	0.002193236	
Max. Deviation (ppm)	6.08	0.003509177	

**Voltage vs. Frequency Stability**

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	5.16	0.002978183	±2.5
3.87	2.02	0.001165878	
3.40	1.36	0.000784947	
Max. Deviation (ppm)	5.16	0.002978183	

Test Mode	LTE Band 4_CH20175_1.4M
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**Temperature vs. Frequency Stability**

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	-2.58	-0.001489177	± 2.5
-20	-3.36	-0.001939394	
-10	6.29	0.003630592	
0	-3.79	-0.00218759	
10	5.77	0.003330447	
20	-2.15	-0.001240981	
30	7.80	0.004502165	
40	-3.69	-0.00212987	
50	-5.13	-0.002961039	
Max. Deviation (ppm)	7.8	0.004502165	

**Voltage vs. Frequency Stability**

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	6.22	0.003590188	± 2.5
3.87	7.16	0.004132756	
3.40	1.09	0.000629149	
Max. Deviation (ppm)	7.16	0.004132756	

Test Mode	LTE Band 4_CH20175_3M
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**Temperature vs. Frequency Stability**

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	1.66	0.000958153	± 2.5
-20	-3.33	-0.001922078	
-10	-4.50	-0.002597403	
0	-5.07	-0.002926407	
10	0.66	0.000380952	
20	0.25	0.0001443	
30	6.07	0.003503608	
40	3.95	0.002279942	
50	-2.90	-0.001673882	
Max. Deviation (ppm)	6.07	0.003503608	

**Voltage vs. Frequency Stability**

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	6.56	0.003786436	± 2.5
3.87	-7.90	-0.004559885	
3.40	5.74	0.003313131	
Max. Deviation (ppm)	-7.9	-0.004559885	

Test Mode	LTE Band 4_CH20175_5M
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**Temperature vs. Frequency Stability**

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	2.93	0.001691198	± 2.5
-20	-0.98	-0.000565657	
-10	4.33	0.002499278	
0	-6.27	-0.003619048	
10	6.46	0.003728716	
20	6.23	0.00359596	
30	-3.25	-0.001875902	
40	-4.88	-0.002816739	
50	2.16	0.001246753	
Max. Deviation (ppm)	6.46	0.003728716	

**Voltage vs. Frequency Stability**

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	5.75	0.003318903	± 2.5
3.87	7.33	0.00423088	
3.40	2.81	0.001621934	
Max. Deviation (ppm)	7.33	0.00423088	

Test Mode	LTE Band 4_CH20175_10M
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**Temperature vs. Frequency Stability**

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	7.86	0.004536797	± 2.5
-20	2.88	0.001662338	
-10	2.84	0.00163925	
0	-5.07	-0.002926407	
10	1.06	0.000611833	
20	7.49	0.004323232	
30	0.32	0.000184704	
40	-3.14	-0.00181241	
50	-2.77	-0.001598846	
Max. Deviation (ppm)	7.86	0.004536797	

**Voltage vs. Frequency Stability**

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	5.31	0.003064935	± 2.5
3.87	5.93	0.003422799	
3.40	-0.30	-0.00017316	
Max. Deviation (ppm)	5.93	0.003422799	



Test Mode	LTE Band 4_CH20175_15M
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**Temperature vs. Frequency Stability**

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	-0.98	-0.000565657	± 2.5
-20	5.74	0.003313131	
-10	-2.64	-0.00152381	
0	-6.32	-0.003647908	
10	-5.83	-0.003365079	
20	1.10	0.000634921	
30	-1.17	-0.000675325	
40	7.39	0.004265512	
50	0.36	0.000207792	
Max. Deviation (ppm)	7.39	0.004265512	

**Voltage vs. Frequency Stability**

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-2.25	-0.001298701	± 2.5
3.87	0.56	0.000323232	
3.40	-0.54	-0.000311688	
Max. Deviation (ppm)	-2.25	-0.001298701	

Test Mode	LTE Band 4_CH20175_20M
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**Temperature vs. Frequency Stability**

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	-2.07	-0.001194805	± 2.5
-20	-1.50	-0.000865801	
-10	-0.58	-0.000334776	
0	-7.18	-0.0041443	
10	-6.19	-0.003572872	
20	-1.39	-0.000802309	
30	3.18	0.001835498	
40	5.06	0.002920635	
50	-5.42	-0.003128427	
Max. Deviation (ppm)	-7.18	-0.0041443	

**Voltage vs. Frequency Stability**

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	0.49	0.000282828	± 2.5
3.87	0.98	0.000565657	
3.40	-4.21	-0.002430014	
Max. Deviation (ppm)	-4.21	-0.002430014	

Test Mode	LTE Band 7_CH21100_5M
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**Temperature vs. Frequency Stability**

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	-7.24	-0.002856016	±2.5
-20	1.46	0.000575937	
-10	-2.26	-0.000891519	
0	-4.01	-0.001581854	
10	-4.15	-0.001637081	
20	-0.55	-0.000216963	
30	-2.37	-0.000934911	
40	-2.25	-0.000887574	
50	-5.98	-0.002358974	
Max. Deviation (ppm)	-7.24	-0.002856016	

**Voltage vs. Frequency Stability**

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-0.41	-0.000161736	±2.5
3.87	-0.41	-0.000161736	
3.40	-3.53	-0.001392505	
Max. Deviation (ppm)	-3.53	-0.001392505	

Test Mode	LTE Band 7_CH21100_10M
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**Temperature vs. Frequency Stability**

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	-2.58	-0.001017751	±2.5
-20	6.04	0.002382643	
-10	4.07	0.001605523	
0	5.24	0.002067061	
10	1.83	0.000721893	
20	-5.11	-0.002015779	
30	5.76	0.002272189	
40	7.33	0.002891519	
50	0.41	0.000161736	
Max. Deviation (ppm)	7.33	0.002891519	

**Voltage vs. Frequency Stability**

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-7.09	-0.002796844	±2.5
3.87	2.13	0.000840237	
3.40	-5.40	-0.002130178	
Max. Deviation (ppm)	-7.09	-0.002796844	

Test Mode	LTE Band 7_CH21100_15M
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**Temperature vs. Frequency Stability**

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	2.22	0.00087574	± 2.5
-20	-7.83	-0.003088757	
-10	-3.19	-0.001258383	
0	1.81	0.000714004	
10	-1.28	-0.000504931	
20	0.43	0.000169625	
30	-4.54	-0.001790927	
40	-6.18	-0.00243787	
50	4.51	0.001779093	
Max. Deviation (ppm)	-7.83	-0.003088757	

**Voltage vs. Frequency Stability**

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-7.31	-0.002883629	± 2.5
3.87	2.84	0.001120316	
3.40	-5.35	-0.002110454	
Max. Deviation (ppm)	-7.31	-0.002883629	

Test Mode	LTE Band 7_CH21100_20M
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**Temperature vs. Frequency Stability**

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	-3.51	-0.001384615	± 2.5
-20	-0.77	-0.000303748	
-10	-4.81	-0.001897436	
0	-0.78	-0.000307692	
10	-6.24	-0.002461538	
20	5.55	0.002189349	
30	6.00	0.002366864	
40	0.78	0.000307692	
50	-7.47	-0.002946746	
Max. Deviation (ppm)	-7.47	-0.002946746	

**Voltage vs. Frequency Stability**

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	2.77	0.001092702	± 2.5
3.87	6.76	0.002666667	
3.40	-3.97	-0.001566075	
Max. Deviation (ppm)	6.76	0.002666667	

Test Mode	LTE Band 12_CH23095_1.4M
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**Temperature vs. Frequency Stability**

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	-5.12	0.007236749	± 2.5
-20	3.37	0.004763251	
-10	0.50	0.000706714	
0	-4.45	0.006289753	
10	5.04	0.007123675	
20	-1.08	0.001526502	
30	-4.52	0.006388693	
40	-1.50	0.002120141	
50	-1.87	0.00264311	
Max. Deviation (ppm)	-5.12	0.007236749	

**Voltage vs. Frequency Stability**

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	2.59	0.003660777	± 2.5
3.87	0.33	0.000466431	
3.40	6.82	0.009639576	
Max. Deviation (ppm)	6.82	0.009639576	

Test Mode	LTE Band 12_CH23095_3M
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**Temperature vs. Frequency Stability**

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	-4.89	0.006911661	± 2.5
-20	2.48	0.0035053	
-10	1.29	0.001823322	
0	1.63	0.002303887	
10	1.25	0.001766784	
20	2.96	0.004183746	
30	-1.50	0.002120141	
40	5.56	0.007858657	
50	0.90	0.001272085	
Max. Deviation (ppm)	5.56	0.007858657	

**Voltage vs. Frequency Stability**

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	4.27	0.006035336	± 2.5
3.87	-3.59	0.005074205	
3.40	-5.64	0.007971731	
Max. Deviation (ppm)	-5.64	0.007971731	



Test Mode	LTE Band 12_CH23095_5M
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**Temperature vs. Frequency Stability**

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	-2.27	-0.003208481	± 2.5
-20	-4.42	-0.00624735	
-10	1.97	0.002784452	
0	-0.36	-0.000508834	
10	1.78	0.002515901	
20	5.67	0.008014134	
30	1.80	0.00254417	
40	4.54	0.006416961	
50	4.99	0.007053004	
Max. Deviation (ppm)	5.67	0.008014134	

**Voltage vs. Frequency Stability**

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	1.48	0.002091873	± 2.5
3.87	-2.25	-0.003180212	
3.40	-2.21	-0.003123675	
Max. Deviation (ppm)	-2.25	-0.003180212	

Test Mode	LTE Band 12_CH23095_10M
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**Temperature vs. Frequency Stability**

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	2.61	0.003689046	± 2.5
-20	0.85	0.001201413	
-10	-0.44	-0.000621908	
0	-0.75	-0.001060071	
10	5.68	0.008028269	
20	-3.70	-0.005229682	
30	-4.99	-0.007053004	
40	4.84	0.006840989	
50	-4.78	-0.006756184	
Max. Deviation (ppm)	5.68	0.008028269	

**Voltage vs. Frequency Stability**

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-4.99	-0.007053004	± 2.5
3.87	-5.74	-0.008113074	
3.40	-1.26	-0.001780919	
Max. Deviation (ppm)	-5.74	-0.008113074	

Test Mode	LTE Band 17_CH23790_5M
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**Temperature vs. Frequency Stability**

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	1.84	0.002591549	± 2.5
-20	3.40	0.004788732	
-10	1.96	0.002760563	
0	1.46	0.002056338	
10	-3.63	-0.005112676	
20	0.64	0.000901408	
30	4.83	0.006802817	
40	-4.93	-0.006943662	
50	5.82	0.008197183	
Max. Deviation (ppm)	5.82	0.008197183	

**Voltage vs. Frequency Stability**

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-2.21	-0.003112676	± 2.5
3.87	5.19	0.007309859	
3.40	1.90	0.002676056	
Max. Deviation (ppm)	5.19	0.007309859	

Test Mode	LTE Band 17_CH23790_10M
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**Temperature vs. Frequency Stability**

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	-4.56	-0.006422535	± 2.5
-20	-3.95	-0.00556338	
-10	3.59	0.005056338	
0	-1.27	-0.001788732	
10	2.16	0.003042254	
20	2.91	0.004098592	
30	2.88	0.004056338	
40	2.30	0.003239437	
50	-5.52	-0.007774648	
Max. Deviation (ppm)	-5.52	-0.007774648	

**Voltage vs. Frequency Stability**

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-5.35	-0.007535211	± 2.5
3.87	-3.09	-0.004352113	
3.40	4.35	0.006126761	
Max. Deviation (ppm)	-5.35	-0.007535211	

Test Mode	LTE Band 38_CH38000_5M
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**Temperature vs. Frequency Stability**

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	-0.35	-0.000134875	± 2.5
-20	0.64	0.000246628	
-10	-5.43	-0.002092486	
0	-2.69	-0.001036609	
10	-4.54	-0.001749518	
20	-2.80	-0.001078998	
30	-4.69	-0.001807322	
40	1.99	0.000766859	
50	-1.52	-0.000585742	
Max. Deviation (ppm)	-5.43	-0.002092486	

**Voltage vs. Frequency Stability**

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-1.22	-0.000470135	± 2.5
3.87	-3.78	-0.001456647	
3.40	-3.66	-0.001410405	
Max. Deviation (ppm)	-3.78	-0.001456647	

Test Mode	LTE Band 38_CH38000_10M
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**Temperature vs. Frequency Stability**

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	-1.00	-0.000385356	± 2.5
-20	-0.32	-0.000123314	
-10	-3.66	-0.001410405	
0	2.23	0.000859345	
10	4.08	0.001572254	
20	4.85	0.001868979	
30	-2.22	-0.000855491	
40	-2.12	-0.000816956	
50	1.16	0.000447013	
Max. Deviation (ppm)	4.85	0.001868979	

**Voltage vs. Frequency Stability**

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	4.77	0.00183815	± 2.5
3.87	-3.55	-0.001368015	
3.40	-5.42	-0.002088632	
Max. Deviation (ppm)	-5.42	-0.002088632	

Test Mode	LTE Band 38_CH38000_15M
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**Temperature vs. Frequency Stability**

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	-4.22	-0.001626204	± 2.5
-20	1.31	0.000504817	
-10	-2.28	-0.000878613	
0	-3.12	-0.001202312	
10	0.56	0.0002158	
20	-3.77	-0.001452794	
30	5.64	0.00217341	
40	-1.71	-0.00065896	
50	-5.92	-0.00228131	
Max. Deviation (ppm)	-5.92	-0.00228131	

**Voltage vs. Frequency Stability**

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	4.03	0.001552987	± 2.5
3.87	4.45	0.001714836	
3.40	-2.25	-0.000867052	
Max. Deviation (ppm)	4.45	0.001714836	

Test Mode	LTE Band 38_CH38000_20M
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**Temperature vs. Frequency Stability**

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	-0.85	-0.000327553	± 2.5
-20	5.80	0.002235067	
-10	4.13	0.001591522	
0	1.22	0.000470135	
10	-5.05	-0.00194605	
20	-4.38	-0.001687861	
30	1.93	0.000743738	
40	-5.47	-0.0021079	
50	4.43	0.001707129	
Max. Deviation (ppm)	5.8	0.002235067	

**Voltage vs. Frequency Stability**

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	1.69	0.000651252	± 2.5
3.87	4.18	0.00161079	
3.40	-1.56	-0.000601156	
Max. Deviation (ppm)	4.18	0.00161079	



Test Mode	LTE Band 41_CH40640_5M
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**Temperature vs. Frequency Stability**

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	-6.41	-0.00247204	± 2.5
-20	6.80	0.002622445	
-10	-6.22	-0.002398766	
0	7.35	0.002834555	
10	-3.42	-0.001318936	
20	2.06	0.000794447	
30	-4.02	-0.001550328	
40	-6.63	-0.002556884	
50	4.43	0.001708446	
Max. Deviation (ppm)	7.35	0.002834555	

**Voltage vs. Frequency Stability**

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	2.98	0.001149248	± 2.5
3.87	5.80	0.002236791	
3.40	-5.08	-0.001959121	
Max. Deviation (ppm)	5.8	0.002236791	

Test Mode	LTE Band 41_CH40640_10M
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**Temperature vs. Frequency Stability**

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	-7.59	-0.002927111	± 2.5
-20	-4.73	-0.001824142	
-10	-5.20	-0.002005399	
0	3.77	0.001453914	
10	-6.43	-0.002479753	
20	5.14	0.00198226	
30	6.25	0.002410336	
40	7.87	0.003035094	
50	-4.35	-0.001677594	
Max. Deviation (ppm)	7.87	0.003035094	

**Voltage vs. Frequency Stability**

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	0.39	0.000150405	± 2.5
3.87	-2.65	-0.001021982	
3.40	-5.82	-0.002244504	
Max. Deviation (ppm)	-5.82	-0.002244504	

Test Mode	LTE Band 41_CH40640_15M
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**Temperature vs. Frequency Stability**

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	3.05	0.001176244	± 2.5
-20	-3.31	-0.001276514	
-10	3.98	0.001534902	
0	-2.53	-0.000975704	
10	3.84	0.00148091	
20	5.76	0.002221365	
30	-1.67	-0.000644042	
40	4.56	0.001758581	
50	-3.85	-0.001484767	
Max. Deviation (ppm)	5.76	0.002221365	

**Voltage vs. Frequency Stability**

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	7.29	0.002811415	± 2.5
3.87	-5.73	-0.002209796	
3.40	-1.00	-0.000385654	
Max. Deviation (ppm)	7.29	0.002811415	

Test Mode	LTE Band 41_CH40640_20M
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**Temperature vs. Frequency Stability**

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	-3.85	-0.001484767	±2.5
-20	-7.60	-0.002930968	
-10	-4.98	-0.001920555	
0	-2.08	-0.00080216	
10	-7.18	-0.002768993	
20	-7.17	-0.002765137	
30	4.72	0.001820285	
40	2.62	0.001010413	
50	-3.86	-0.001488623	
Max. Deviation (ppm)	-7.6	-0.002930968	

**Voltage vs. Frequency Stability**

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	3.62	0.001396066	±2.5
3.87	3.08	0.001187813	
3.40	-2.24	-0.000863864	
Max. Deviation (ppm)	3.62	0.001396066	

Test Mode	LTE Band 66_CH132322_1.4M
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**Temperature vs. Frequency Stability**

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	-0.59	-0.000338109	± 2.5
-20	0.33	0.000189112	
-10	-5.26	-0.003014327	
0	-6.71	-0.003845272	
10	-3.57	-0.002045845	
20	3.46	0.001982808	
30	7.07	0.004051576	
40	-2.85	-0.001633238	
50	-7.66	-0.004389685	
Max. Deviation (ppm)	-7.66	-0.004389685	

**Voltage vs. Frequency Stability**

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-4.47	-0.002561605	± 2.5
3.87	-2.28	-0.00130659	
3.40	1.54	0.000882521	
Max. Deviation (ppm)	-4.47	-0.002561605	

Test Mode	LTE Band 66_CH132322_3M
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**Temperature vs. Frequency Stability**

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	1.02	0.000584527	± 2.5
-20	2.28	0.00130659	
-10	-1.33	-0.000762178	
0	4.06	0.002326648	
10	2.76	0.001581662	
20	-6.16	-0.003530086	
30	-1.17	-0.000670487	
40	4.24	0.002429799	
50	0.56	0.000320917	
Max. Deviation (ppm)	-6.16	-0.003530086	

**Voltage vs. Frequency Stability**

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-4.95	-0.002836676	± 2.5
3.87	-6.99	-0.004005731	
3.40	-5.15	-0.002951289	
Max. Deviation (ppm)	-6.99	-0.004005731	

Test Mode	LTE Band 66_CH132322_5M
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**Temperature vs. Frequency Stability**

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	-6.07	-0.00347851	± 2.5
-20	-1.68	-0.000962751	
-10	-5.58	-0.003197708	
0	-0.70	-0.000401146	
10	0.51	0.000292264	
20	6.49	0.003719198	
30	6.28	0.003598854	
40	-4.15	-0.002378223	
50	2.40	0.001375358	
Max. Deviation (ppm)	6.49	0.003719198	

**Voltage vs. Frequency Stability**

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	3.10	0.001776504	± 2.5
3.87	7.62	0.004366762	
3.40	4.17	0.002389685	
Max. Deviation (ppm)	7.62	0.004366762	

Test Mode	LTE Band 66_CH132322_10M
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**Temperature vs. Frequency Stability**

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	0.73	0.000418338	± 2.5
-20	-1.91	-0.001094556	
-10	-5.94	-0.003404011	
0	3.54	0.002028653	
10	7.99	0.004578797	
20	3.38	0.001936963	
30	-7.45	-0.004269341	
40	7.62	0.004366762	
50	-6.85	-0.003925501	
Max. Deviation (ppm)	7.99	0.004578797	

**Voltage vs. Frequency Stability**

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	5.26	0.003014327	± 2.5
3.87	-7.69	-0.004406877	
3.40	3.77	0.002160458	
Max. Deviation (ppm)	-7.69	-0.004406877	



Test Mode	LTE Band 66_CH132322_15M
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**Temperature vs. Frequency Stability**

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	-7.67	-0.004395415	± 2.5
-20	5.59	0.003203438	
-10	-6.59	-0.003776504	
0	-2.55	-0.001461318	
10	-6.40	-0.003667622	
20	1.51	0.00086533	
30	-5.68	-0.003255014	
40	7.86	0.004504298	
50	6.65	0.003810888	
Max. Deviation (ppm)	7.86	0.004504298	

**Voltage vs. Frequency Stability**

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	1.03	0.000590258	± 2.5
3.87	2.73	0.00156447	
3.40	3.37	0.001931232	
Max. Deviation (ppm)	3.37	0.001931232	

Test Mode	LTE Band 66_CH132322_20M
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**Temperature vs. Frequency Stability**

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	6.93	0.003971347	± 2.5
-20	1.65	0.000945559	
-10	-5.07	-0.002905444	
0	-0.43	-0.000246418	
10	0.93	0.000532951	
20	2.35	0.001346705	
30	-3.82	-0.002189112	
40	3.07	0.001759312	
50	7.02	0.004022923	
Max. Deviation (ppm)	7.02	0.004022923	

**Voltage vs. Frequency Stability**

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-5.51	-0.003157593	± 2.5
3.87	-3.83	-0.002194842	
3.40	-5.14	-0.002945559	
Max. Deviation (ppm)	-5.51	-0.003157593	

End of Test Report