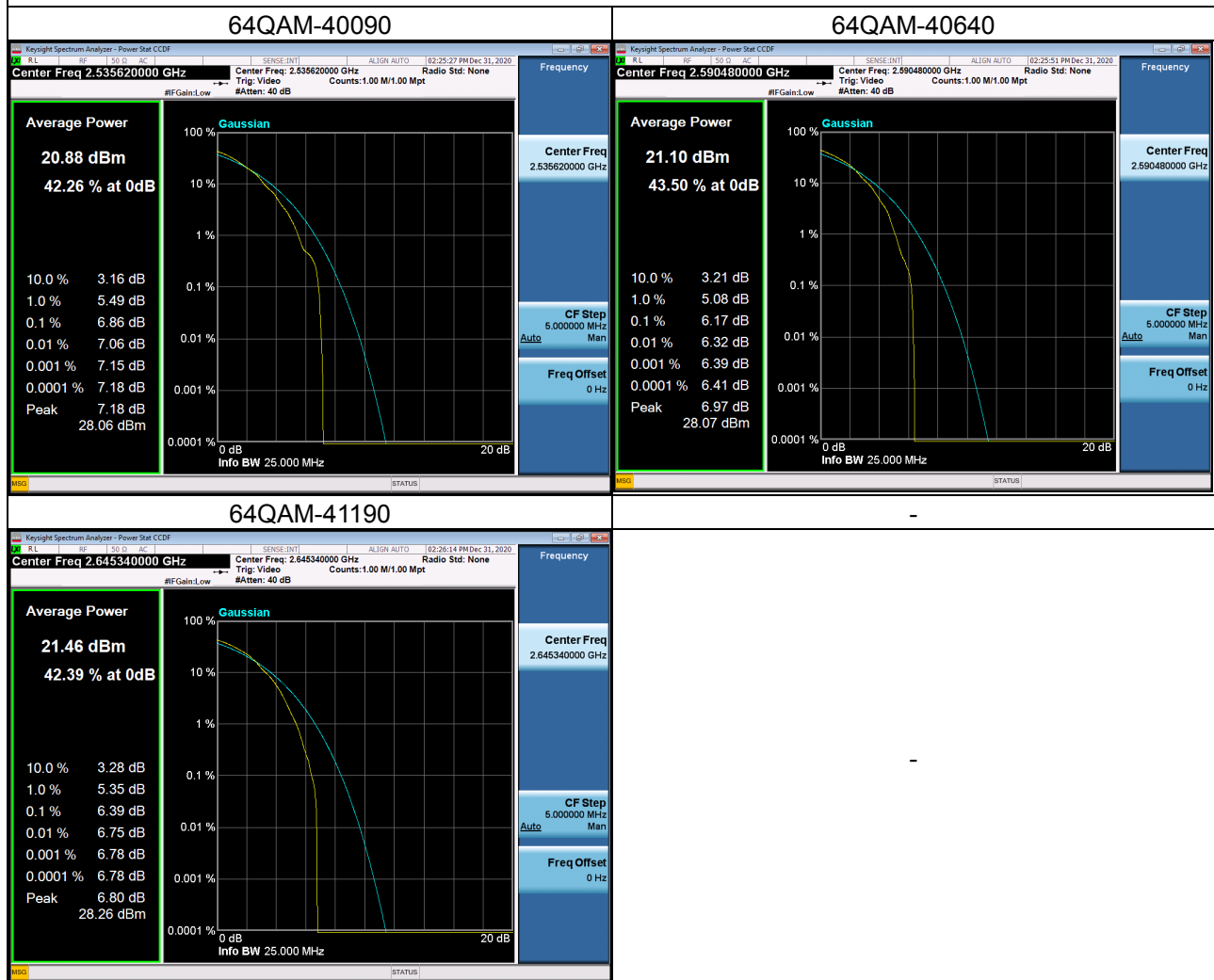


LTE Band 41_10M Spectrum Plot



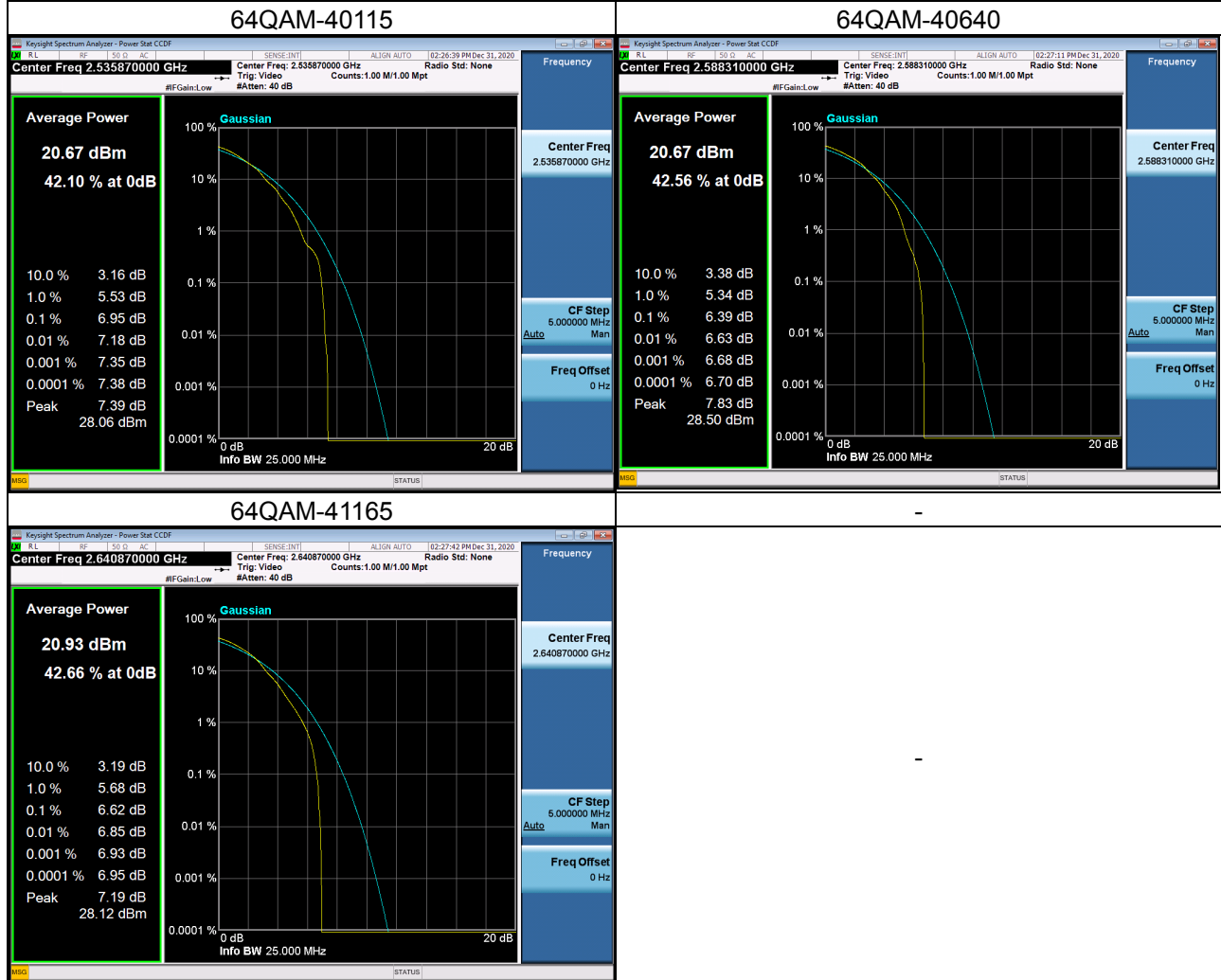
LTE Band 41_10M Spectrum Plot



LTE Band 41_15M Spectrum Plot



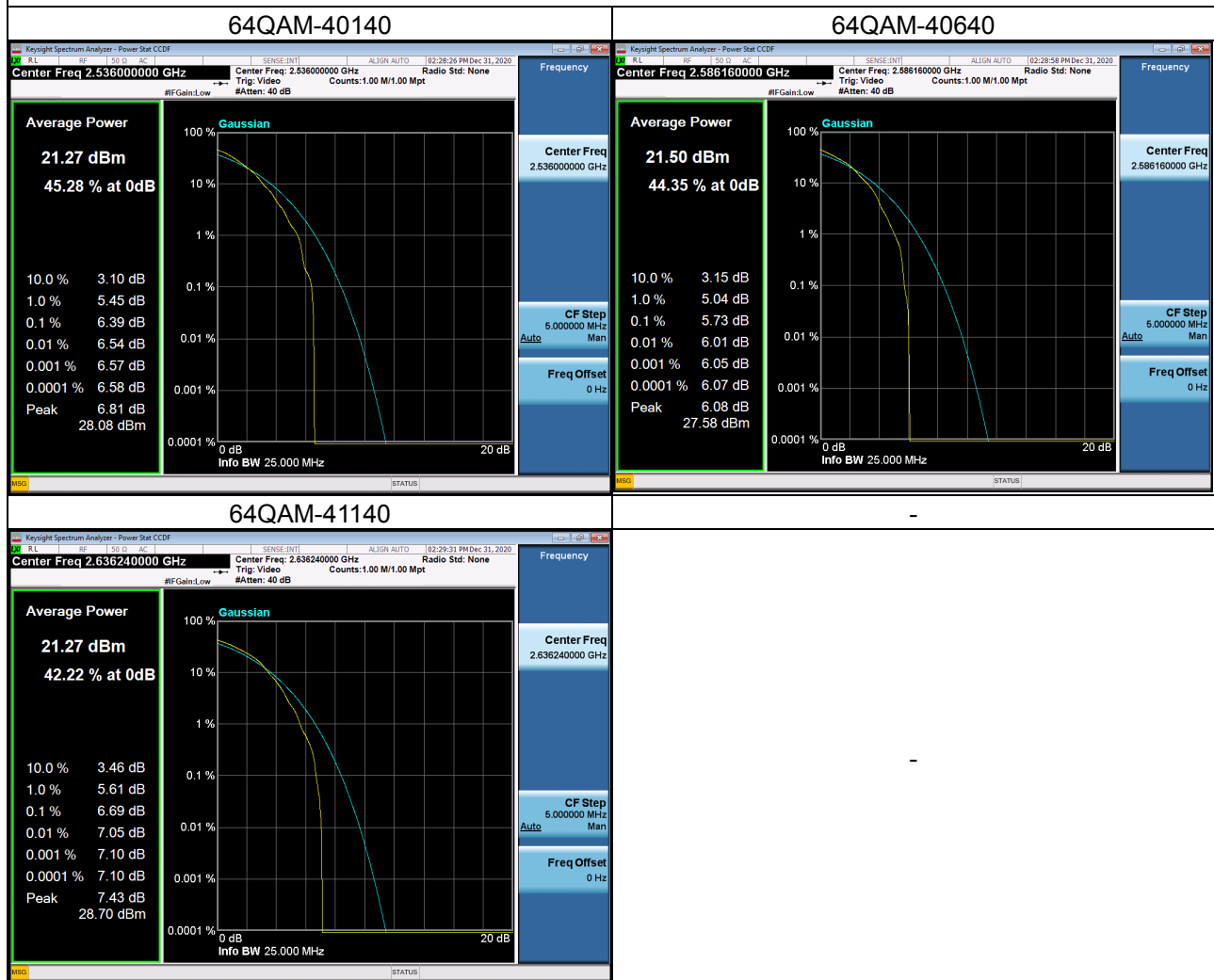
LTE Band 41_15M Spectrum Plot



LTE Band 41_20M Spectrum Plot



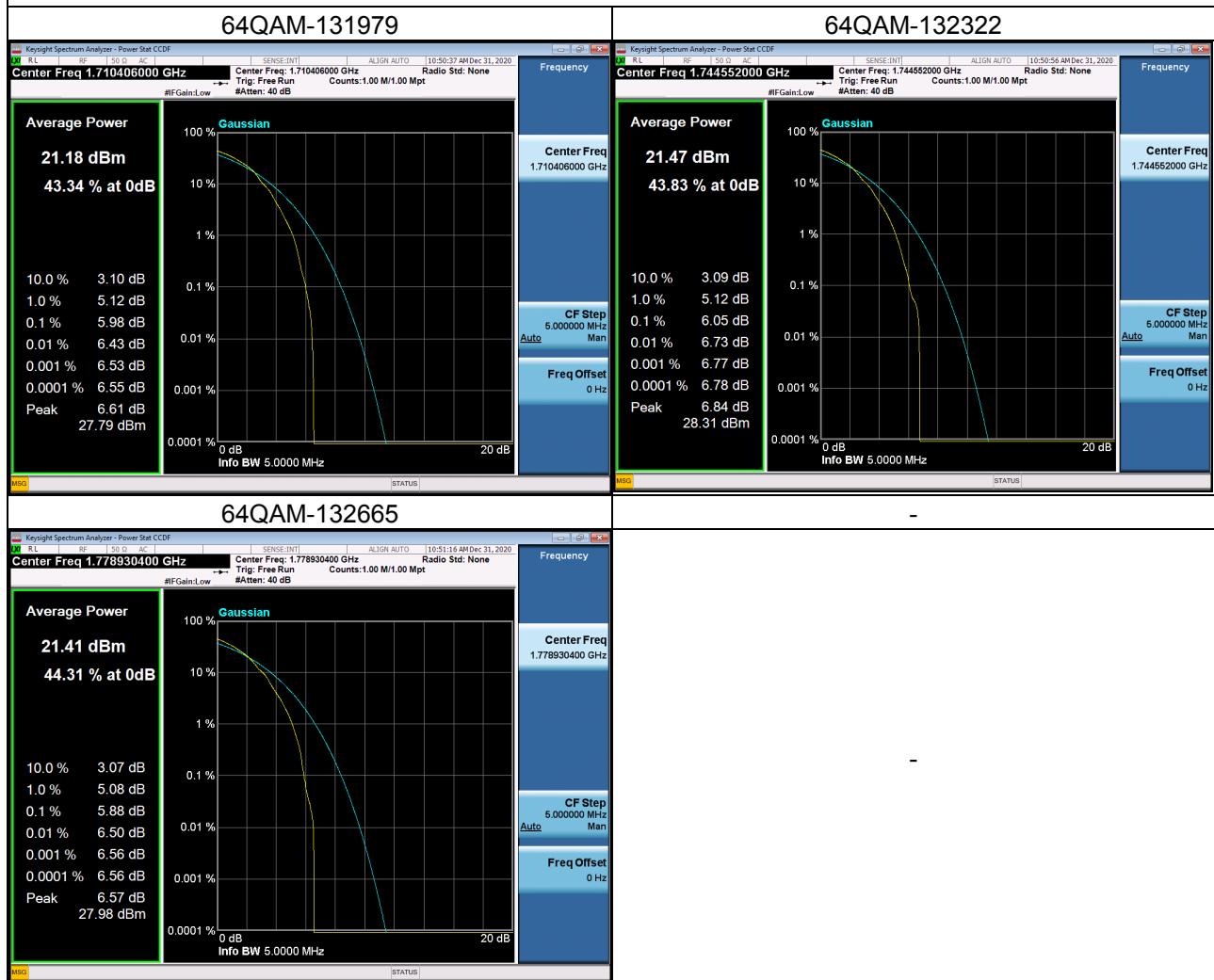
LTE Band 41_20M Spectrum Plot



LTE Band 66_1.4M Spectrum Plot



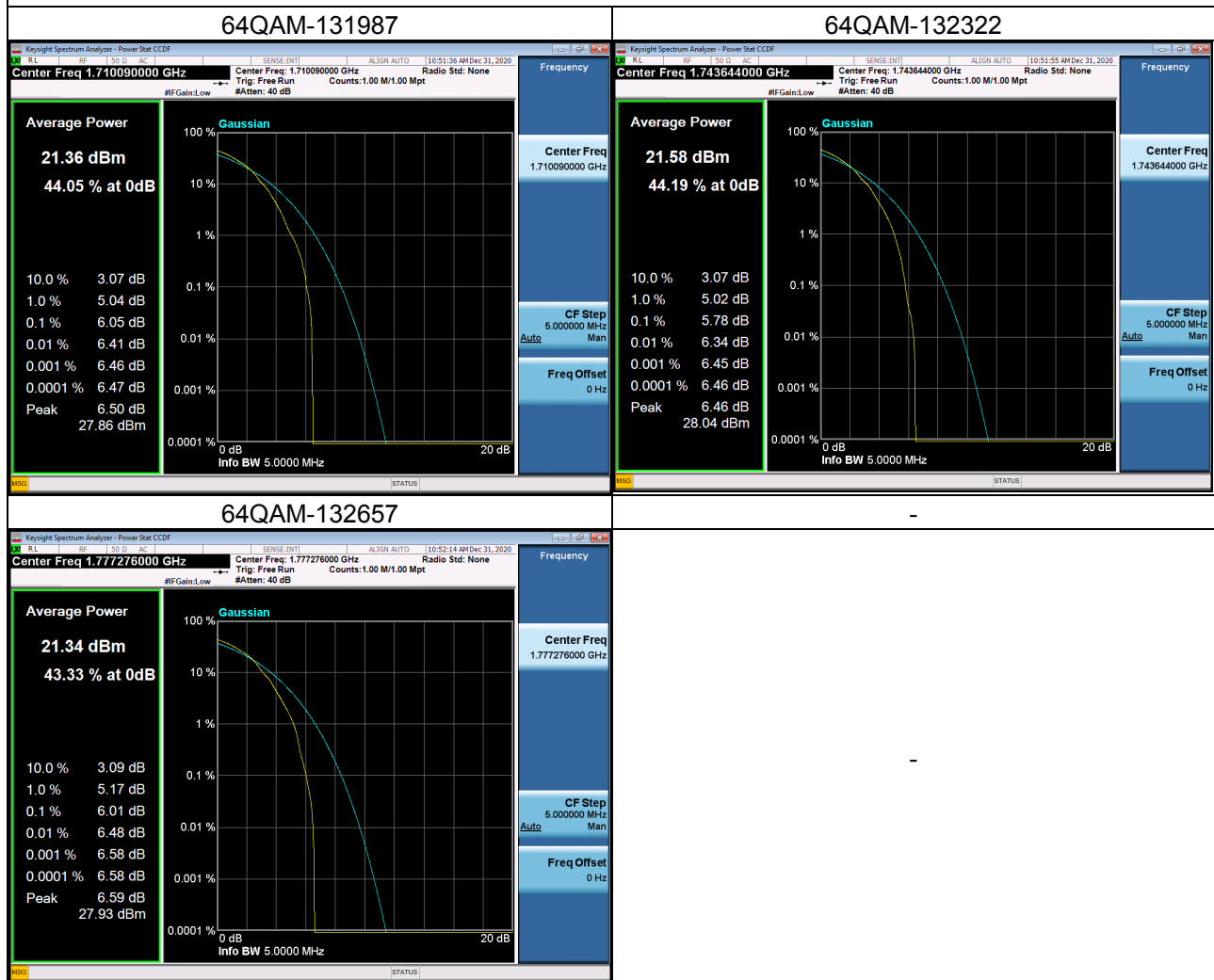
LTE Band 66_1.4M Spectrum Plot



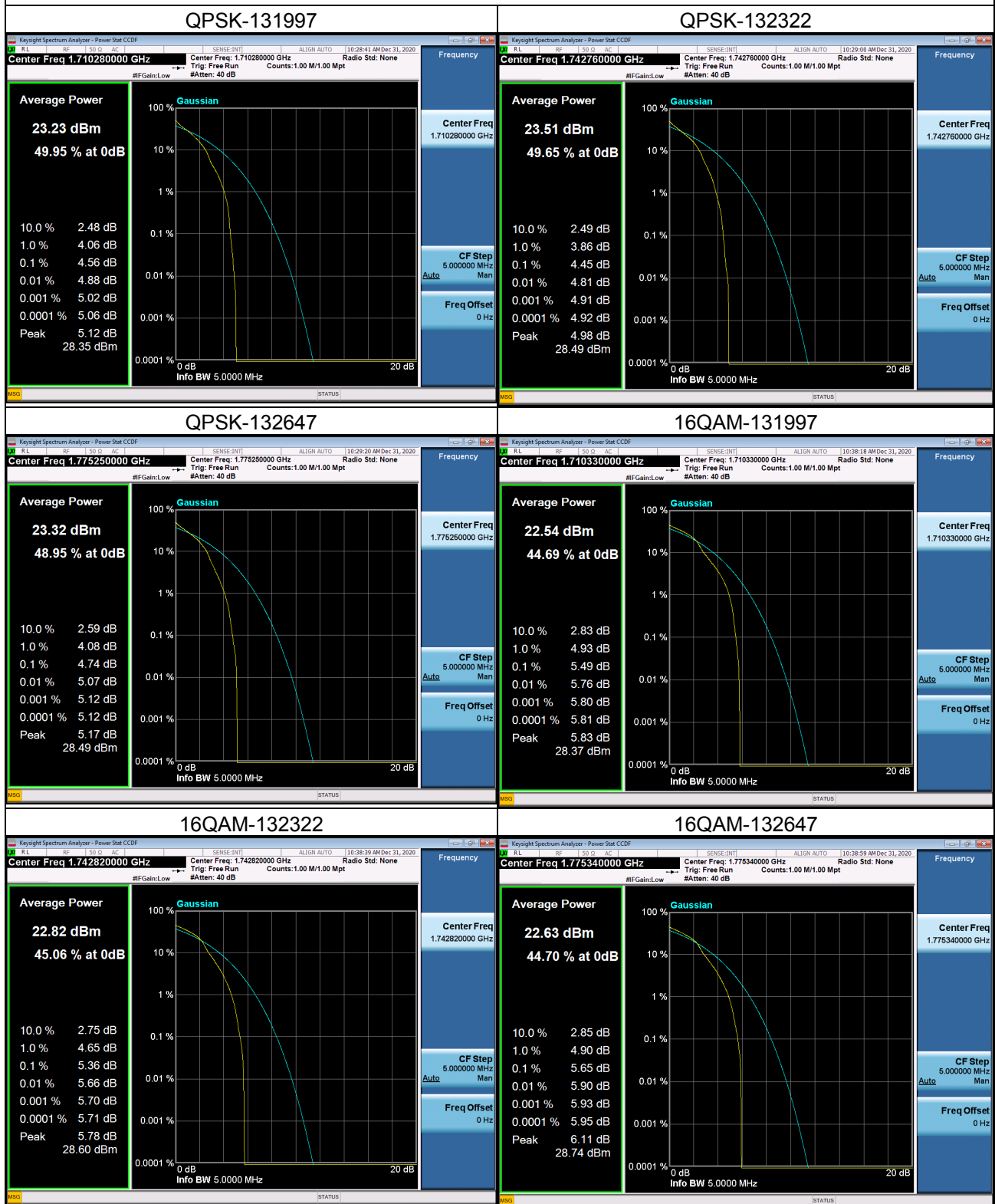
LTE Band 66_3M Spectrum Plot



LTE Band 66_3M Spectrum Plot



LTE Band 66_5M Spectrum Plot



LTE Band 4_5M Spectrum Plot

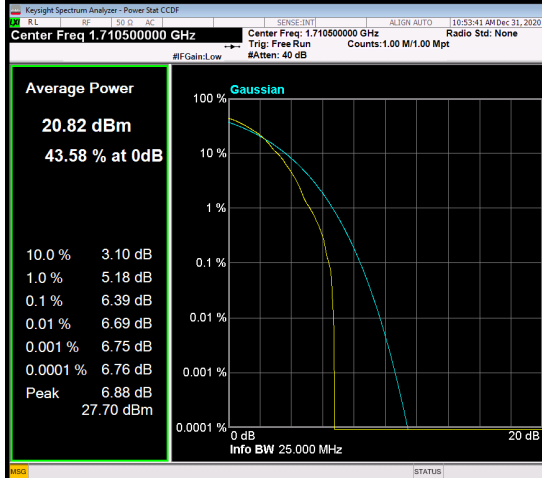


LTE Band 66_10M Spectrum Plot

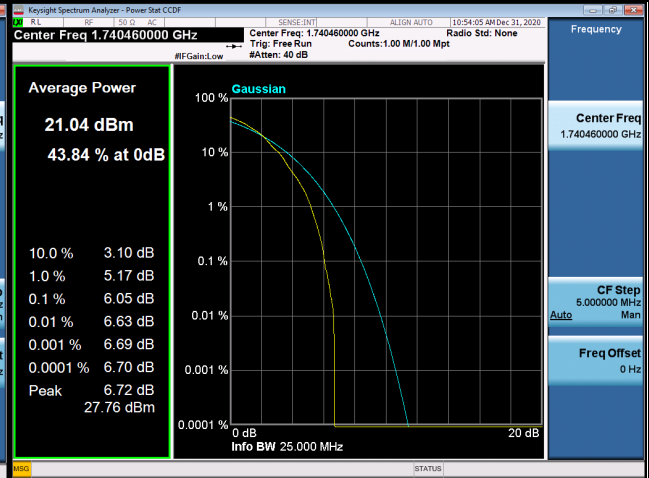


LTE Band 66_10M Spectrum Plot

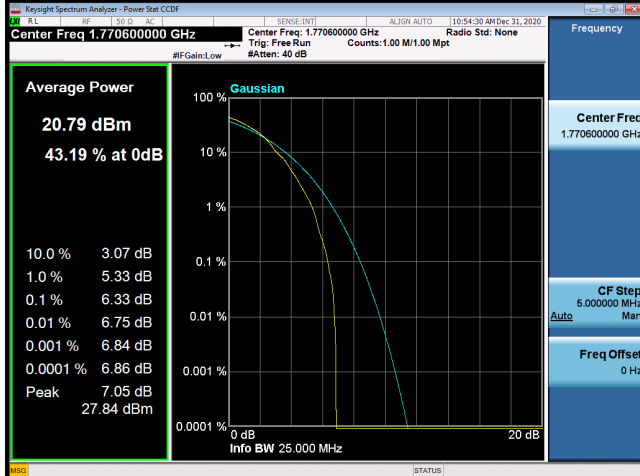
64QAM-132022



64QAM-132322



64QAM-132622

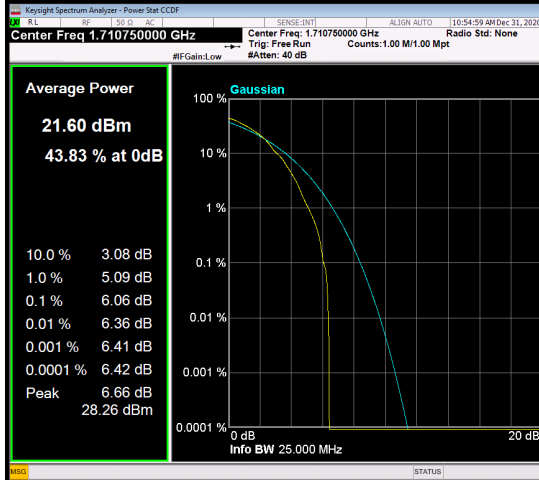


LTE Band 66_15M Spectrum Plot

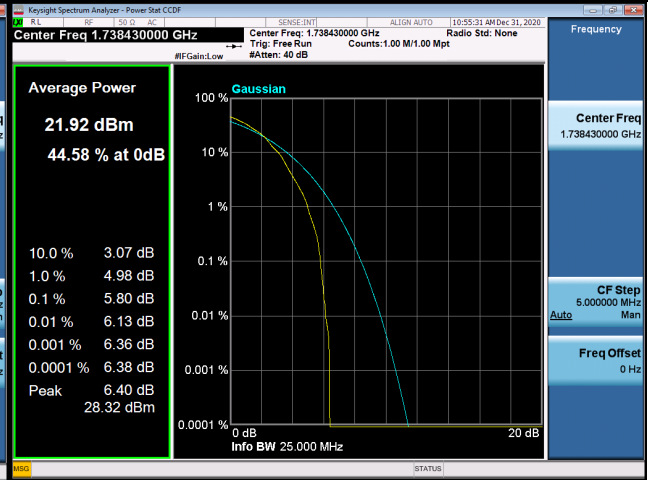


LTE Band 66_15M Spectrum Plot

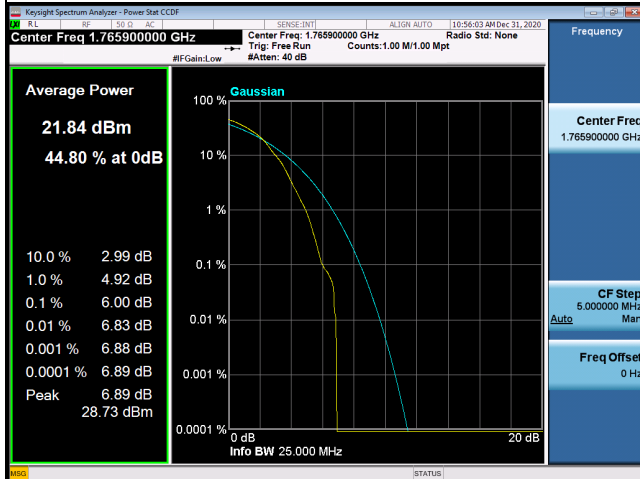
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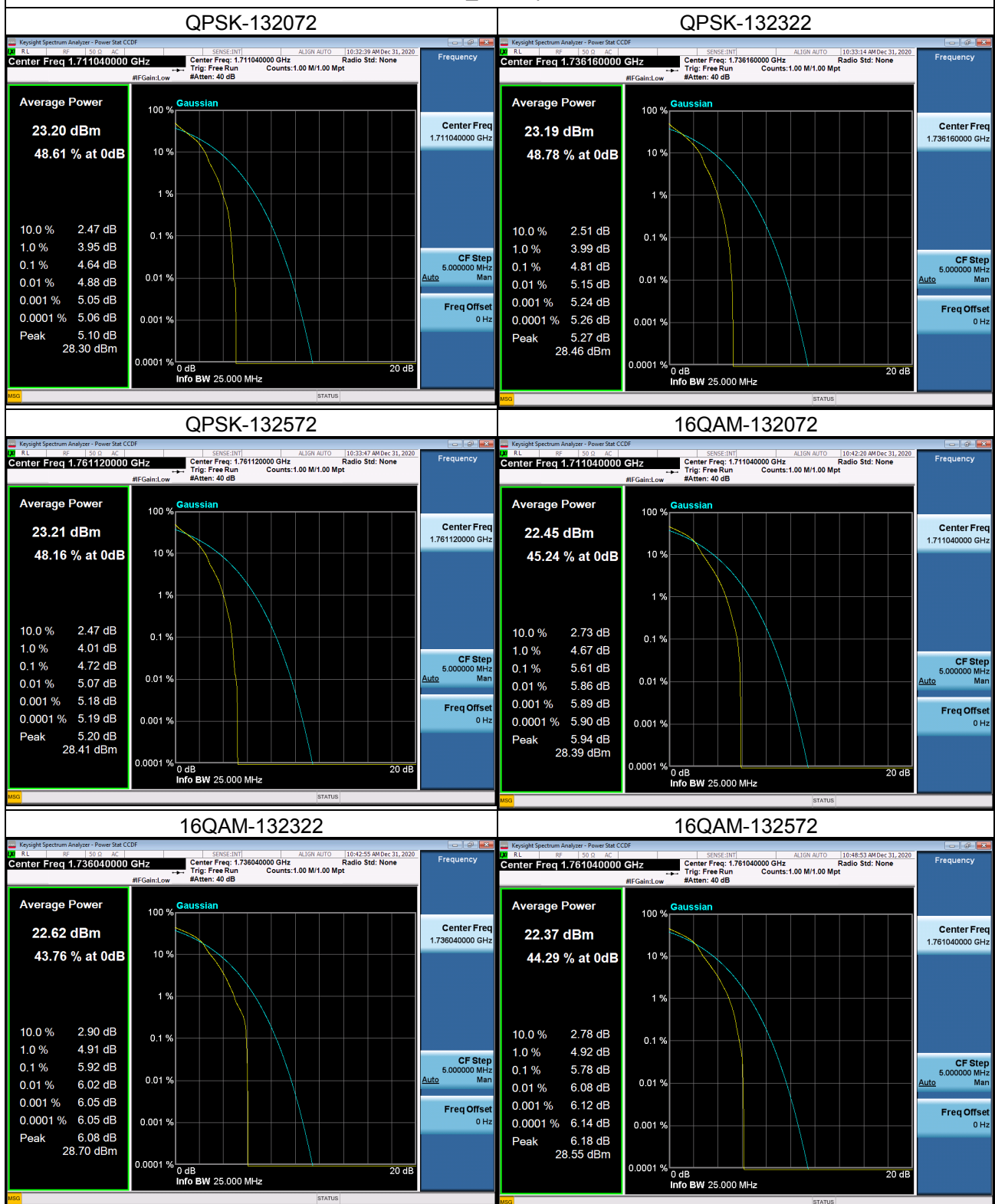
64QAM-132322



64QAM-132597

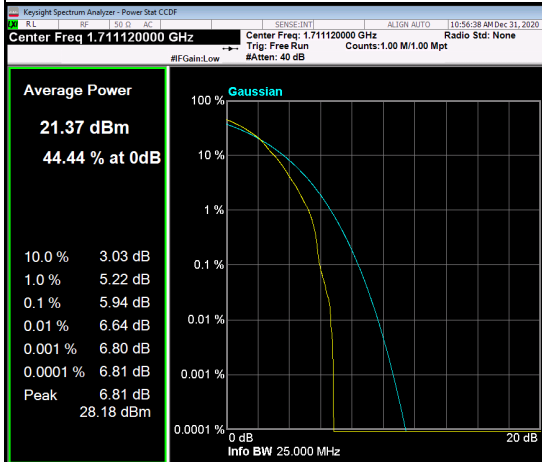


LTE Band 66_20M Spectrum Plot

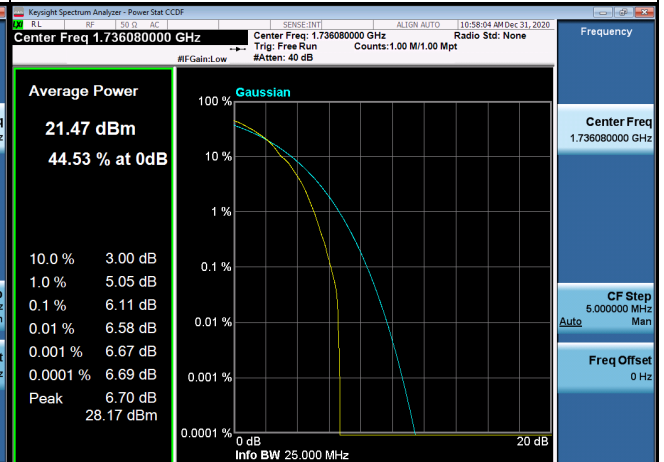


LTE Band 66_20M Spectrum Plot

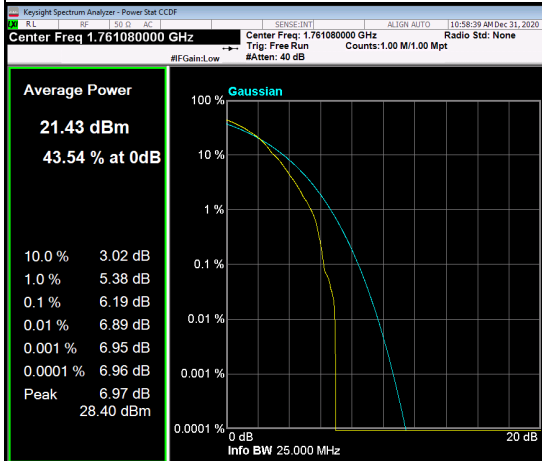
64QAM-132072



64QAM-132322



64QAM-132572



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	8.68	0.005009812	±2.5
-20	9.09	0.00524645	
-10	2.52	0.001454462	
0	5.25	0.003030128	
10	4.25	0.002452961	
20	3.21	0.001852707	
30	4.26	0.002458733	
40	0.83	0.000479049	
50	6.37	0.003676555	
Max. Deviation (ppm)	9.09	0.00524645	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	3.15	0.001818077	±2.5
3.87	4.45	0.002568394	
3.4	2.23	0.001287083	
Max. Deviation (ppm)	4.45	0.002568394	

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	-5.41	-0.003122655	± 2.5
-20	8.23	0.004750361	
-10	7.60	0.004386724	
0	9.62	0.00555267	
10	1.06	0.000611833	
20	-5.71	-0.003295815	
30	1.36	0.000784993	
40	-8.18	-0.004721501	
50	0.36	0.000207792	
Max. Deviation (ppm)	9.62	0.00555267	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-2.08	-0.001200577	± 2.5
3.87	-5.49	-0.003168831	
3.4	3.73	0.002152958	
Max. Deviation (ppm)	-5.49	-0.003168831	

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	4.22	0.002435786	±2.5
-20	-6.54	-0.003774892	
-10	-9.73	-0.005616162	
0	-6.53	-0.00376912	
10	3.80	0.002193362	
20	4.08	0.002354978	
30	-5.52	-0.003186147	
40	-3.24	-0.00187013	
50	-7.02	-0.004051948	
Max. Deviation (ppm)	-9.73	-0.005616162	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-1.17	-0.000675325	±2.5
3.87	-4.18	-0.002412698	
3.4	-5.26	-0.003036075	
Max. Deviation (ppm)	-5.26	-0.003036075	

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	-7.46	-0.004305916	± 2.5
-20	-2.48	-0.001431457	
-10	7.83	0.004519481	
0	4.72	0.002724387	
10	9.48	0.005471861	
20	-0.27	-0.000155844	
30	-9.98	-0.005760462	
40	-3.60	-0.002077922	
50	3.96	0.002285714	
Max. Deviation (ppm)	-9.98	-0.005760462	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-4.92	-0.002839827	± 2.5
3.87	-1.45	-0.000836941	
3.4	-3.02	-0.001743146	
Max. Deviation (ppm)	-4.92	-0.002839827	

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	9.15	0.005281385	±2.5
-20	-2.75	-0.001587302	
-10	-4.80	-0.002770563	
0	4.75	0.002741703	
10	-0.30	-0.00017316	
20	6.48	0.00374026	
30	7.15	0.004126984	
40	-5.77	-0.003330447	
50	4.21	0.002430014	
Max. Deviation (ppm)	9.15	0.005281385	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-1.83	-0.001056277	±2.5
3.87	-4.23	-0.002441558	
3.4	6.13	0.00353824	
Max. Deviation (ppm)	6.13	0.00353824	

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	-7.27	-0.004196248	±2.5
-20	-8.53	-0.004923521	
-10	-1.75	-0.001010101	
0	7.59	0.004380952	
10	6.33	0.00365368	
20	2.59	0.001494949	
30	-0.31	-0.000178932	
40	4.66	0.002689755	
50	-7.19	-0.004150072	
Max. Deviation (ppm)	-8.53	-0.004923521	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	5.77	0.003330447	±2.5
3.87	-4.62	-0.002666667	
3.4	5.34	0.003082251	
Max. Deviation (ppm)	5.77	0.003330447	

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	7.55	0.004357864	±2.5
-20	-4.85	-0.002799423	
-10	3.73	0.002152958	
0	-7.77	-0.004484848	
10	-1.40	-0.000808081	
20	-0.98	-0.000565657	
30	-7.87	-0.004542569	
40	4.94	0.002851371	
50	8.83	0.005096681	
Max. Deviation (ppm)	8.83	0.005096681	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	1.84	0.001062049	±2.5
3.87	-2.76	-0.001593074	
3.4	6.41	0.003699856	
Max. Deviation (ppm)	6.41	0.003699856	

Test Mode	LTE Band 7_CH2100_5M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	-8.37	-0.003301775	±2.5
-20	5.33	0.002102564	
-10	3.89	0.001534517	
0	4.77	0.001881657	
10	-3.35	-0.001321499	
20	8.81	0.003475345	
30	-2.47	-0.000974359	
40	8.88	0.003502959	
50	-4.12	-0.001625247	
Max. Deviation (ppm)	8.88	0.003502959	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-3.15	-0.001242604	±2.5
3.87	-4.87	-0.001921105	
3.4	-5.59	-0.002205128	
Max. Deviation (ppm)	-5.59	-0.002205128	

Test Mode	LTE Band 7_CH2100_10M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	3.22	0.001270217	±2.5
-20	5.93	0.00233925	
-10	-2.33	-0.000919132	
0	-7.91	-0.003120316	
10	8.25	0.003254438	
20	-4.90	-0.001932939	
30	-1.79	-0.000706114	
40	-9.57	-0.003775148	
50	-0.81	-0.000319527	
Max. Deviation (ppm)	-9.57	-0.003775148	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-6.35	-0.002504931	±2.5
3.87	4.67	0.001842209	
3.4	-3.93	-0.001550296	
Max. Deviation (ppm)	-6.35	-0.002504931	

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	-1.99	-0.00078501	±2.5
-20	-9.70	-0.00382643	
-10	7.47	0.002946746	
0	8.55	0.003372781	
10	2.88	0.001136095	
20	3.73	0.0014714	
30	-2.73	-0.001076923	
40	-7.37	-0.002907298	
50	3.26	0.001285996	
Max. Deviation (ppm)	-9.7	-0.00382643	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	5.68	0.002240631	±2.5
3.87	-2.56	-0.001009862	
3.4	5.46	0.002153846	
Max. Deviation (ppm)	5.68	0.002240631	

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	-4.01	-0.001581854	±2.5
-20	-3.47	-0.001368836	
-10	5.01	0.001976331	
0	7.00	0.002761341	
10	8.72	0.003439842	
20	5.30	0.00209073	
30	4.42	0.00174359	
40	-8.12	-0.003203156	
50	-5.83	-0.002299803	
Max. Deviation (ppm)	8.72	0.003439842	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	5.56	0.002193294	±2.5
3.87	-4.53	-0.001786982	
3.4	-1.63	-0.000642998	
Max. Deviation (ppm)	5.56	0.002193294	

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	0.64	0.000904594	±2.5
-20	8.74	0.012353357	
-10	-3.79	0.00535689	
0	-4.52	0.006388693	
10	-6.58	0.009300353	
20	1.43	0.002021201	
30	-8.93	0.012621908	
40	-4.00	0.00565371	
50	-0.25	0.000353357	
Max. Deviation (ppm)	-8.93	0.012621908	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-1.64	0.002318021	±2.5
3.87	1.94	0.002742049	
3.4	5.84	0.008254417	
Max. Deviation (ppm)	5.84	0.008254417	

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	-9.52	0.01345583	±2.5
-20	6.30	0.008904594	
-10	-4.58	0.006473498	
0	-2.23	0.003151943	
10	3.07	0.004339223	
20	9.03	0.012763251	
30	-8.64	0.012212014	
40	5.95	0.008409894	
50	-9.12	0.012890459	
Max. Deviation (ppm)	-9.52	0.01345583	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-6.73	0.009512367	±2.5
3.87	-5.35	0.007561837	
3.4	3.58	0.005060071	
Max. Deviation (ppm)	-6.73	0.009512367	

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	-5.79	-0.008183746	±2.5
-20	1.33	0.001879859	
-10	-2.77	-0.003915194	
0	-8.49	-0.012	
10	0.52	0.000734982	
20	-2.21	-0.003123675	
30	7.30	0.010318021	
40	-4.16	-0.005879859	
50	5.42	0.007660777	
Max. Deviation (ppm)	-8.49	-0.012	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	2.79	0.003943463	±2.5
3.87	2.26	0.003194346	
3.4	5.08	0.007180212	
Max. Deviation (ppm)	5.08	0.007180212	

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	-5.80	-0.00819788	±2.5
-20	-6.63	-0.009371025	
-10	-0.76	-0.001074205	
0	4.41	0.006233216	
10	0.63	0.000890459	
20	-0.20	-0.000282686	
30	-6.36	-0.008989399	
40	9.42	0.013314488	
50	-2.58	-0.003646643	
Max. Deviation (ppm)	9.42	0.013314488	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-1.93	-0.002727915	±2.5
3.87	-4.77	-0.006742049	
3.4	-3.58	-0.005060071	
Max. Deviation (ppm)	-4.77	-0.006742049	

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	-2.89	-0.004070423	±2.5
-20	-5.28	-0.00743662	
-10	3.95	0.00556338	
0	-7.75	-0.010915493	
10	-0.12	-0.000169014	
20	-4.62	-0.006507042	
30	-5.81	-0.008183099	
40	1.18	0.001661972	
50	2.00	0.002816901	
Max. Deviation (ppm)	-7.75	-0.010915493	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-5.24	-0.007380282	±2.5
3.87	-6.85	-0.009647887	
3.4	-1.22	-0.00171831	
Max. Deviation (ppm)	-6.85	-0.009647887	

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	9.13	0.012859155	±2.5
-20	-0.49	-0.000690141	
-10	-5.00	-0.007042254	
0	8.74	0.012309859	
10	6.05	0.008521127	
20	-1.01	-0.001422535	
30	-0.31	-0.00043662	
40	-5.12	-0.007211268	
50	1.69	0.002380282	
Max. Deviation (ppm)	9.13	0.012859155	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-3.24	-0.00456338	±2.5
3.87	-3.34	-0.004704225	
3.4	-1.91	-0.002690141	
Max. Deviation (ppm)	-3.34	-0.004704225	

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	-4.67	-0.001799615	±2.5
-20	-7.75	-0.002986513	
-10	7.79	0.003001927	
0	6.09	0.002346821	
10	-4.40	-0.001695568	
20	3.97	0.001529865	
30	-4.06	-0.001564547	
40	-0.40	-0.000154143	
50	-4.67	-0.001799615	
Max. Deviation (ppm)	7.79	0.003001927	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	2.58	0.00099422	±2.5
3.87	-1.72	-0.000662813	
3.4	-3.83	-0.001475915	
Max. Deviation (ppm)	-3.83	-0.001475915	

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	-3.93	-0.001514451	±2.5
-20	-1.88	-0.00072447	
-10	-0.75	-0.000289017	
0	-2.69	-0.001036609	
10	6.69	0.002578035	
20	1.38	0.000531792	
30	-3.96	-0.001526012	
40	-0.44	-0.000169557	
50	6.38	0.002458574	
Max. Deviation (ppm)	6.69	0.002578035	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-4.24	-0.001633911	±2.5
3.87	1.78	0.000685934	
3.4	6.44	0.002481696	
Max. Deviation (ppm)	6.44	0.002481696	

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	-3.94	-0.001518304	±2.5
-20	-5.47	-0.0021079	
-10	-5.05	-0.00194605	
0	-9.54	-0.003676301	
10	-2.99	-0.001152216	
20	5.19	0.002	
30	-8.42	-0.003244701	
40	-1.78	-0.000685934	
50	5.33	0.00205395	
Max. Deviation (ppm)	-9.54	-0.003676301	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-1.75	-0.000674374	±2.5
3.87	-4.19	-0.001614644	
3.4	2.31	0.000890173	
Max. Deviation (ppm)	-4.19	-0.001614644	

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	-8.50	-0.00327553	±2.5
-20	7.22	0.002782274	
-10	-6.86	-0.002643545	
0	-1.87	-0.000720617	
10	0.88	0.000339114	
20	5.50	0.002119461	
30	9.14	0.003522158	
40	1.60	0.00061657	
50	-6.30	-0.002427746	
Max. Deviation (ppm)	9.14	0.003522158	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-1.06	-0.000408478	±2.5
3.87	2.19	0.000843931	
3.4	-1.24	-0.000477842	
Max. Deviation (ppm)	2.19	0.000843931	

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	-7.96	-0.003067437	±2.5
-20	9.43	0.003633911	
-10	-5.18	-0.001996146	
0	-9.61	-0.003703276	
10	3.59	0.00138343	
20	-2.45	-0.000944123	
30	0.79	0.000304432	
40	7.85	0.003025048	
50	-5.47	-0.0021079	
Max. Deviation (ppm)	-9.61	-0.003703276	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	3.48	0.00134104	±2.5
3.87	-4.05	-0.001560694	
3.4	-5.64	-0.00217341	
Max. Deviation (ppm)	-5.64	-0.00217341	

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	-0.49	-0.000188825	±2.5
-20	0.53	0.000204239	
-10	-6.21	-0.002393064	
0	-0.73	-0.00028131	
10	7.97	0.003071291	
20	-2.62	-0.001009634	
30	9.23	0.00355684	
40	4.83	0.001861272	
50	5.17	0.001992293	
Max. Deviation (ppm)	9.23	0.00355684	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-2.01	-0.000774566	±2.5
3.87	3.33	0.001283237	
3.4	-6.08	-0.002342967	
Max. Deviation (ppm)	-6.08	-0.002342967	

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	-8.43	-0.003248555	±2.5
-20	9.05	0.003487476	
-10	-9.21	-0.003549133	
0	3.57	0.001375723	
10	-4.46	-0.00171869	
20	-4.23	-0.001630058	
30	6.83	0.002631985	
40	0.98	0.000377649	
50	2.14	0.000824663	
Max. Deviation (ppm)	-9.21	-0.003549133	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	4.71	0.001815029	±2.5
3.87	-6.55	-0.002524085	
3.4	3.39	0.001306358	
Max. Deviation (ppm)	-6.55	-0.002524085	

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	-6.93	-0.00267052	±2.5
-20	-1.07	-0.000412331	
-10	7.42	0.002859345	
0	9.50	0.003660886	
10	-4.27	-0.001645472	
20	6.63	0.002554913	
30	0.69	0.000265896	
40	7.22	0.002782274	
50	-5.57	-0.002146435	
Max. Deviation (ppm)	9.5	0.003660886	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	1.68	0.000647399	±2.5
3.87	-5.34	-0.002057803	
3.4	-5.38	-0.002073218	
Max. Deviation (ppm)	-5.38	-0.002073218	

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	-1.00	0.000573066	±2.5
-20	-3.05	0.001747851	
-10	-2.28	0.00130659	
0	-7.55	0.004326648	
10	7.70	0.004412607	
20	-8.05	0.004613181	
30	-7.85	0.004498567	
40	7.16	0.004103152	
50	5.49	0.003146132	
Max. Deviation (ppm)	-8.05	0.004613181	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	1.43	0.000819484	±2.5
3.87	3.56	0.002040115	
3.4	-1.78	0.001020057	
Max. Deviation (ppm)	3.56	0.002040115	

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	-8.75	0.005014327	±2.5
-20	-9.45	0.005415473	
-10	-7.55	0.004326648	
0	6.84	0.003919771	
10	1.01	0.000578797	
20	-0.65	0.000372493	
30	-9.38	0.005375358	
40	-6.81	0.003902579	
50	6.54	0.003747851	
Max. Deviation (ppm)	-9.45	0.005415473	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-6.96	0.003988539	±2.5
3.87	3.53	0.002022923	
3.4	-2.45	0.001404011	
Max. Deviation (ppm)	-6.96	0.003988539	

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	8.05	0.004613181	±2.5
-20	1.11	0.000636103	
-10	1.31	0.000750716	
0	2.59	0.001484241	
10	-8.16	-0.004676218	
20	-8.17	-0.004681948	
30	0.65	0.000372493	
40	2.17	0.001243553	
50	-3.91	-0.002240688	
Max. Deviation (ppm)	-8.17	-0.004681948	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-4.12	-0.002361032	±2.5
3.87	1.49	0.000853868	
3.4	6.15	0.003524355	
Max. Deviation (ppm)	6.15	0.003524355	

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	-4.82	-0.002762178	±2.5
-20	4.43	0.002538682	
-10	3.05	0.001747851	
0	-9.85	-0.005644699	
10	4.28	0.002452722	
20	-8.23	-0.004716332	
30	4.41	0.002527221	
40	-9.33	-0.005346705	
50	6.84	0.003919771	
Max. Deviation (ppm)	-9.85	-0.005644699	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-2.75	-0.001575931	±2.5
3.87	-3.12	-0.001787966	
3.4	2.29	0.001312321	
Max. Deviation (ppm)	-3.12	-0.001787966	

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	-2.89	-0.00165616	±2.5
-20	2.08	0.001191977	
-10	9.65	0.005530086	
0	4.75	0.002722063	
10	-0.60	-0.00034384	
20	-2.71	-0.001553009	
30	6.17	0.003535817	
40	-9.01	-0.005163324	
50	6.75	0.003868195	
Max. Deviation (ppm)	9.65	0.005530086	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-1.21	-0.00069341	±2.5
3.87	-2.26	-0.001295129	
3.4	-5.45	-0.003123209	
Max. Deviation (ppm)	-5.45	-0.003123209	

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	-3.75	-0.002148997	±2.5
-20	9.03	0.005174785	
-10	-3.59	-0.002057307	
0	-8.31	-0.004762178	
10	-7.56	-0.004332378	
20	-6.07	-0.00347851	
30	4.76	0.002727794	
40	-2.36	-0.001352436	
50	-8.75	-0.005014327	
Max. Deviation (ppm)	9.03	0.005174785	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	2.35	0.001346705	±2.5
3.87	-4.48	-0.002567335	
3.4	-5.69	-0.003260745	
Max. Deviation (ppm)	-5.69	-0.003260745	

End of Test Report