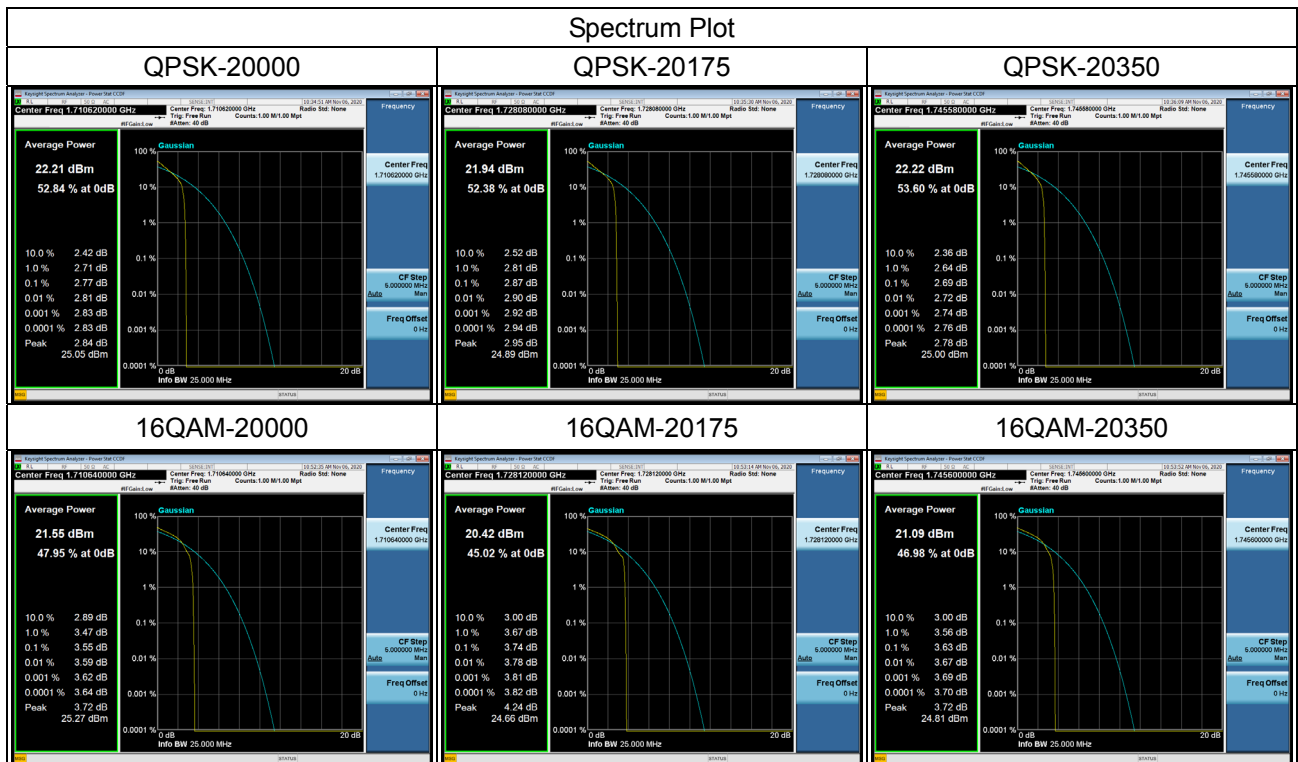
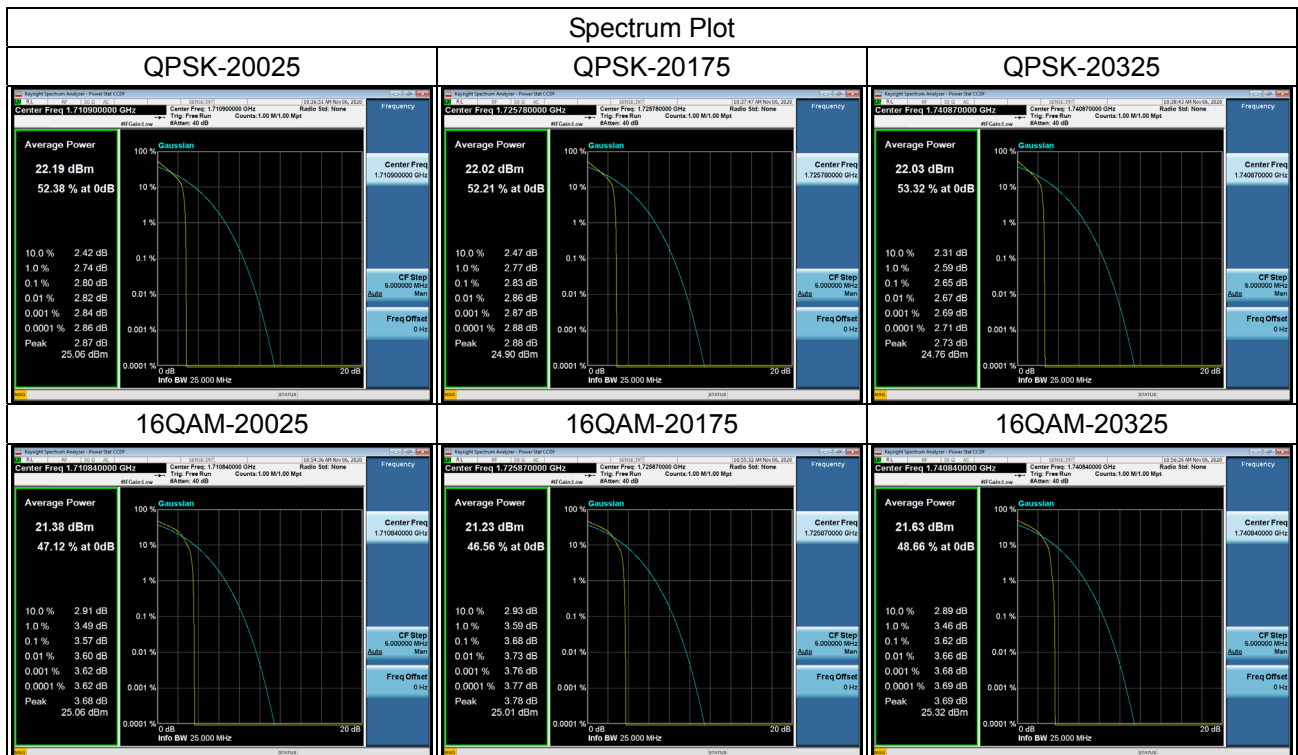


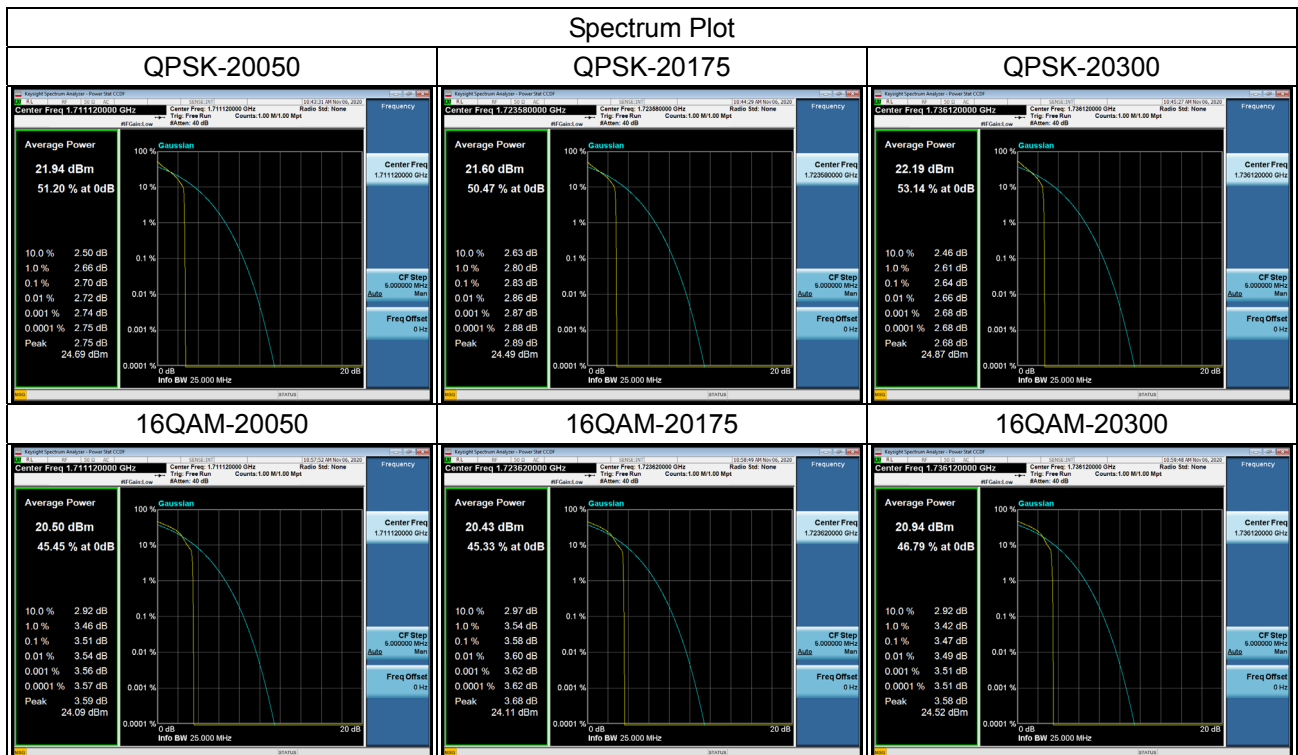
LTE Band 4_10MHz					
Channel	Frequency (MHz)	Peak To Average Ratio (dB)		Max. Limit (dB)	Result
		QPSK	16QAM		
20000	1715	2.77	3.55	13	Pass
20175	1732.5	2.87	3.74	13	Pass
20350	1715	2.69	3.63	13	Pass



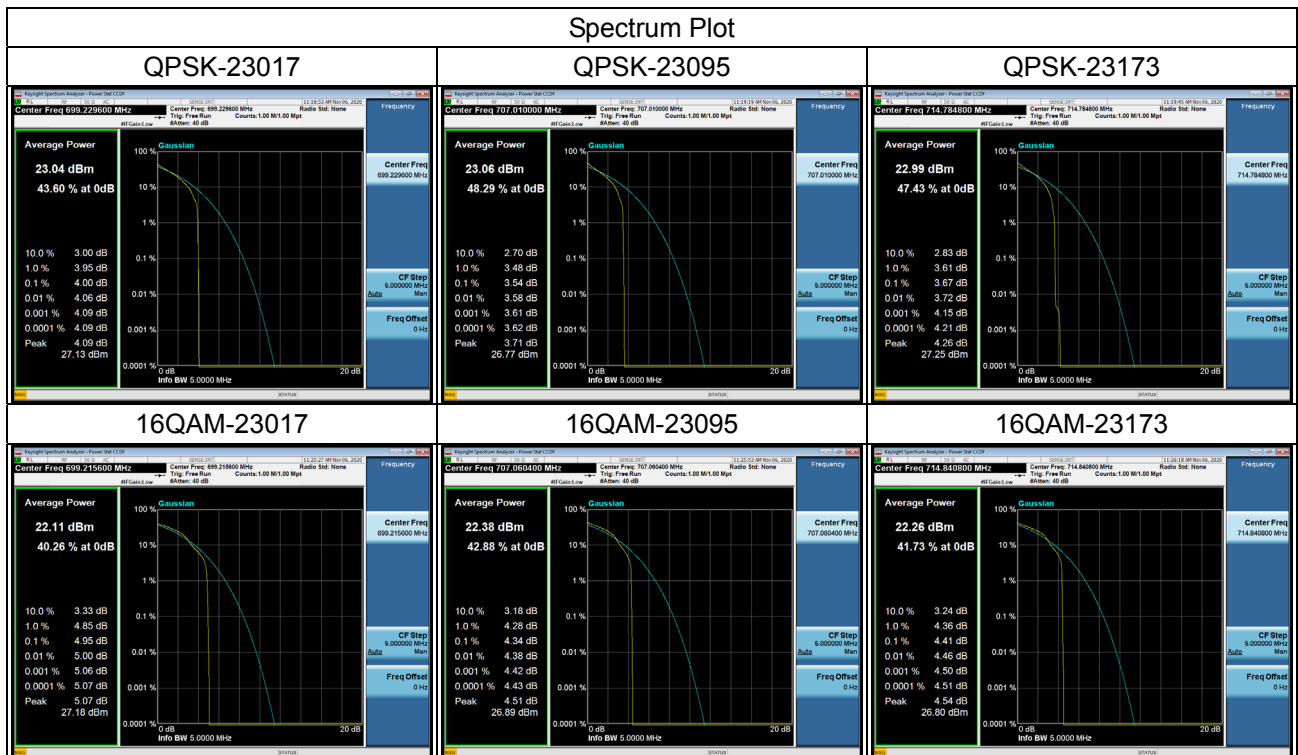
LTE Band 4_15MHz					
Channel	Frequency (MHz)	Peak To Average Ratio (dB)		Max. Limit (dB)	Result
		QPSK	16QAM		
20025	1717.5	2.80	3.57	13	Pass
20175	1732.5	2.83	3.68	13	Pass
20325	1747.5	2.65	3.62	13	Pass



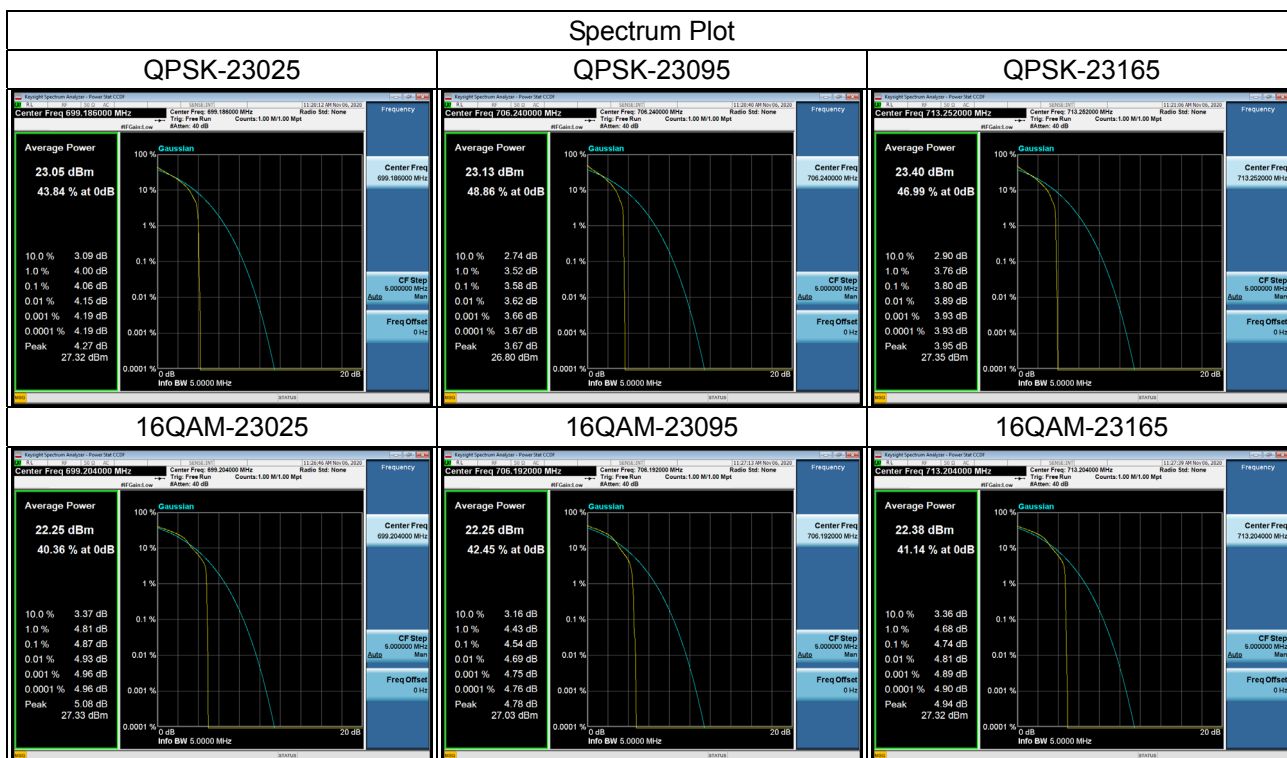
LTE Band 4_20MHz					
Channel	Frequency (MHz)	Peak To Average Ratio (dB)		Max. Limit (dB)	Result
		QPSK	16QAM		
20050	1720	2.70	3.51	13	Pass
20175	1732.5	2.83	3.58	13	Pass
20300	1740	2.64	3.47	13	Pass



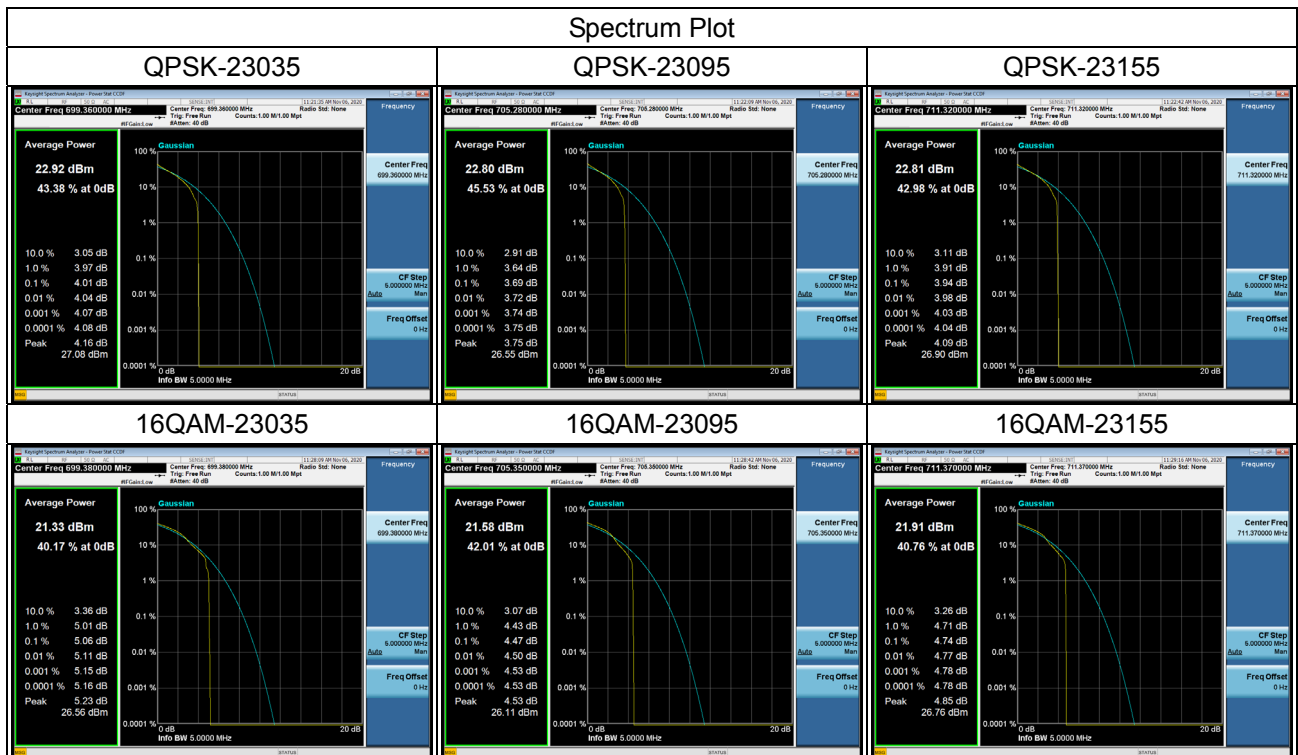
LTE Band 12_1.4MHz					
Channel	Frequency (MHz)	Peak To Average Ratio (dB)		Max. Limit (dB)	Result
		QPSK	16QAM		
23017	699.7	4.00	4.95	13	Pass
23095	707.5	3.54	4.34	13	Pass
23173	715.3	3.67	4.41	13	Pass



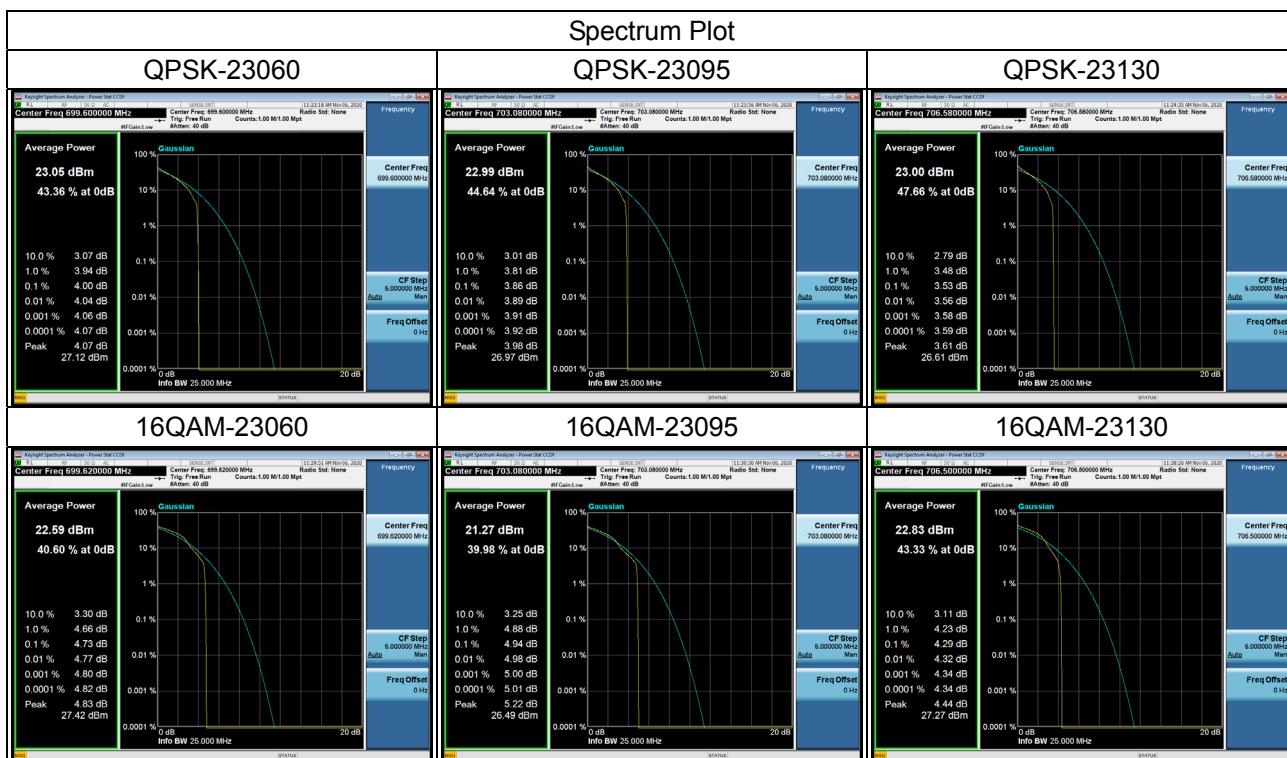
LTE Band 12_3MHz					
Channel	Frequency (MHz)	Peak To Average Ratio (dB)		Max. Limit (dB)	Result
		QPSK	16QAM		
23025	700.5	4.06	4.87	13	Pass
23095	707.5	3.58	4.54	13	Pass
23165	714.5	3.80	4.74	13	Pass



LTE Band 12_5MHz					
Channel	Frequency (MHz)	Peak To Average Ratio (dB)		Max. Limit (dB)	Result
		QPSK	16QAM		
23025	700.5	4.01	5.06	13	Pass
23095	707.5	3.69	4.47	13	Pass
23165	714.5	3.94	4.74	13	Pass



LTE Band 12_10MHz					
Channel	Frequency (MHz)	Peak To Average Ratio (dB)		Max. Limit (dB)	Result
		QPSK	16QAM		
23060	704.0	4.00	4.73	13	Pass
23095	707.5	3.86	4.94	13	Pass
23130	711.0	3.53	4.29	13	Pass



APPENDIX I - FREQUENCY STABILITY

Test Mode	LTE Band 4_20MHz
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Frequency error versus temperature and supply voltage			
Temperature (°C)	Frequency (MHz)		worst ppm
	Low channel limit:1710 Reference point -13dBm	High channel limit:1755 Reference point -13dBm	Record only
50	1710.090000	1754.870000	-74.0740741
40	1710.090000	1754.870000	-74.0740741
30	1710.090000	1754.870000	-74.0740741
20	1710.090000	1754.870000	-74.0740741
10	1710.090000	1754.870000	-74.0740741
0	1710.090000	1754.870000	-74.0740741
-10	1710.090000	1754.870000	-74.0740741
-20	1710.090000	1754.870000	-74.0740741
-30	1710.090000	1754.870000	-74.0740741
Minimum voltage	1710.090000	1754.870000	-74.0740741
Maximum voltage	1710.090000	1754.870000	-74.0740741
Nominal voltage	1710.090000	1754.870000	-74.0740741

Note: Nominal voltage= 3.8V, Maximum voltage= 4.35V, Minimum voltage= 3.5V.

Test Mode	LTE Band 12_CH23095_10MHz
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Frequency error versus temperature and supply voltage			
Temperature (°C)	Frequency (MHz)		worst ppm
	Low channel limit:699 Reference point -13dBm	High channel limit:716 Reference point -13dBm	Record only
50	699.040000	715.940000	-83.7988827
40	699.040000	715.940000	-83.7988827
30	699.040000	715.940000	-83.7988827
20	699.040000	715.940000	-83.7988827
10	699.040000	715.940000	-83.7988827
0	699.040000	715.940000	-83.7988827
-10	699.040000	715.940000	-83.7988827
-20	699.040000	715.940000	-83.7988827
-30	699.040000	715.940000	-83.7988827
Minimum voltage	699.040000	715.940000	-83.7988827
Maximum voltage	699.040000	715.940000	-83.7988827
Nominal voltage	699.040000	715.940000	-83.7988827

Note: Nominal voltage= 3.8V, Maximum voltage= 4.35V, Minimum voltage= 3.5V.

End of Test Report