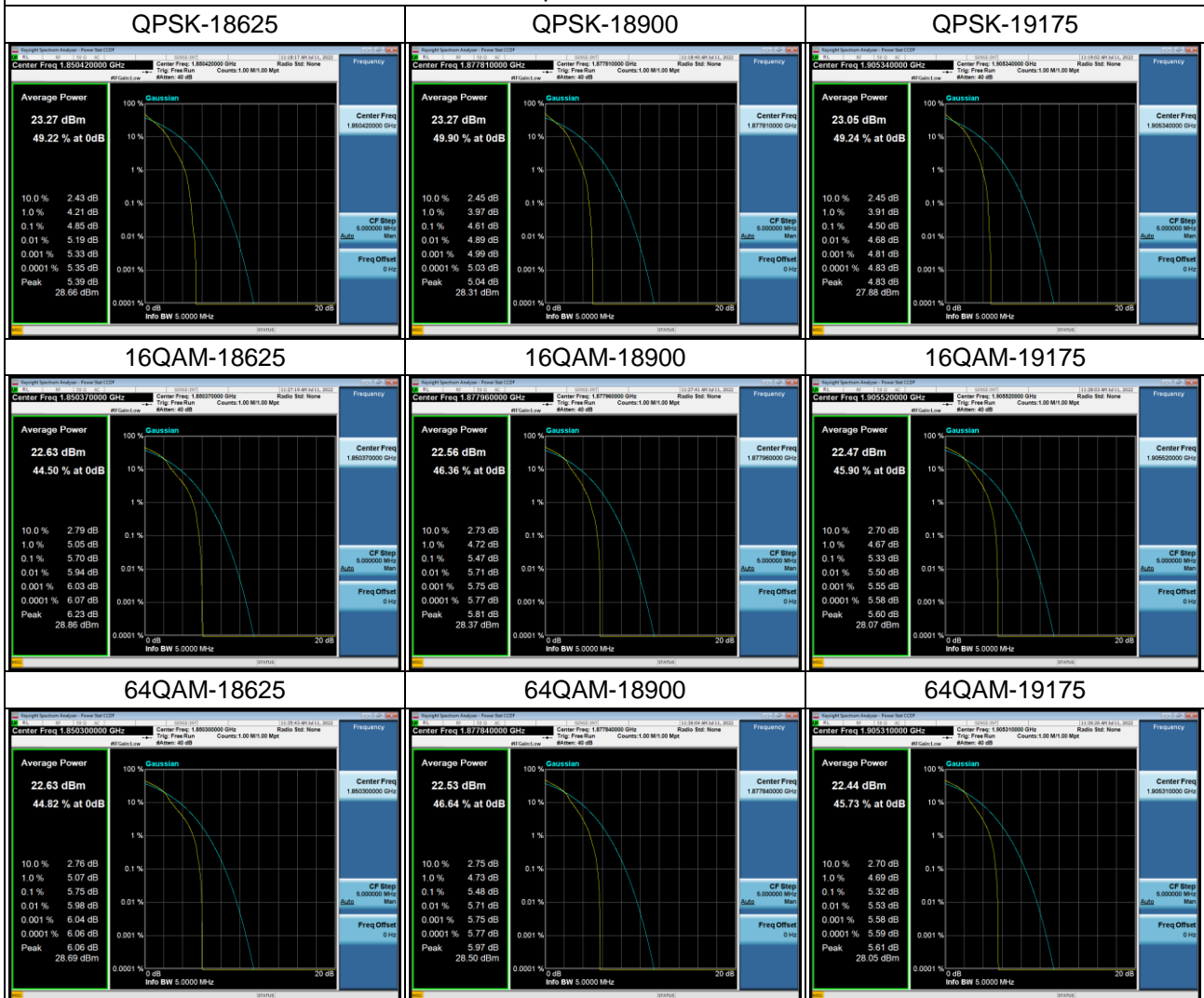


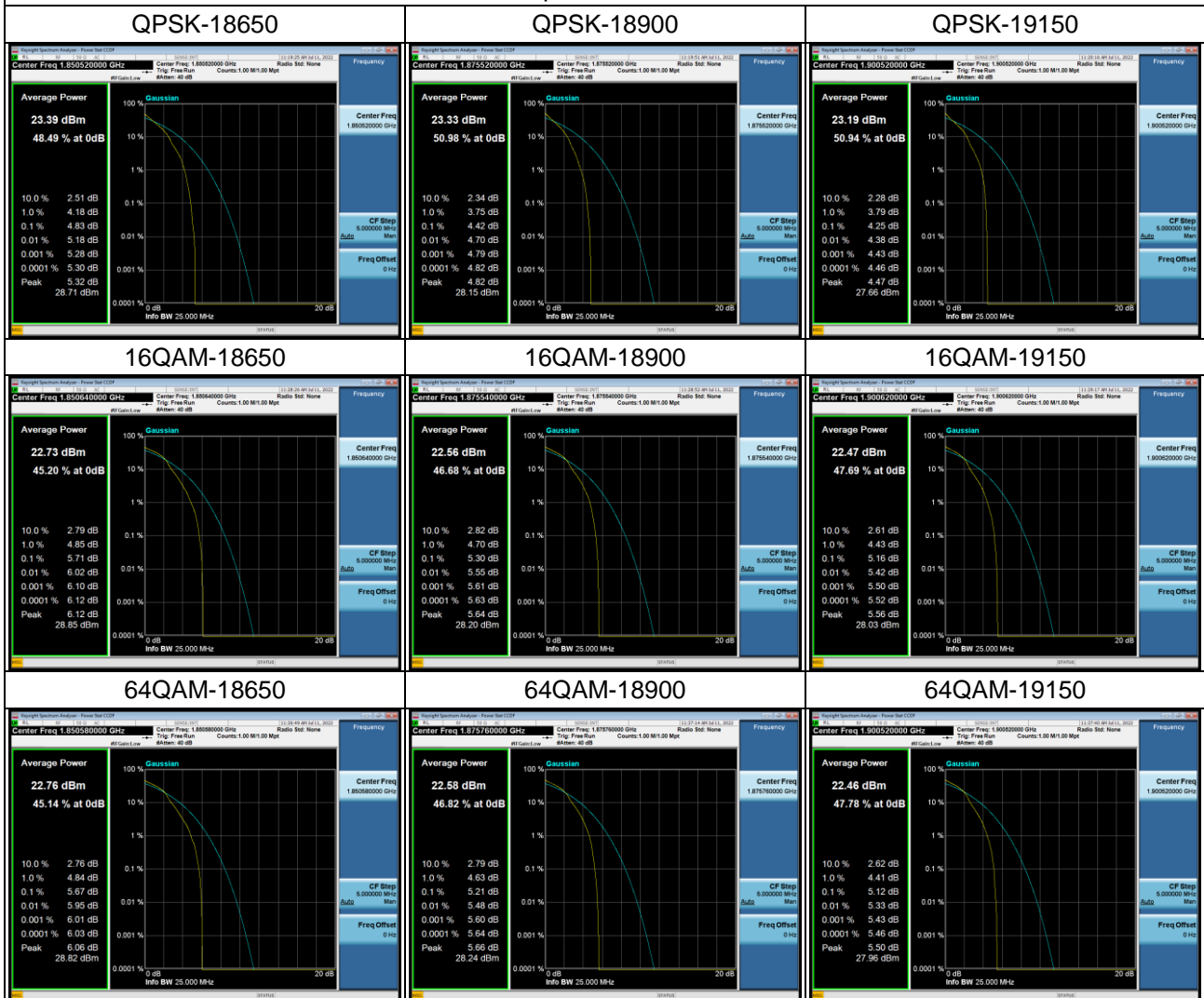
LTE Band 2_5MHz						
Channel	Frequency (MHz)	Peak To Average Ratio (dB)			Max. Limit (dB)	Result
		QPSK	16QAM	64QAM		
18625	1852.5	4.85	5.70	5.75	13	Pass
18900	1880	4.61	5.47	5.48	13	Pass
19175	1907.5	4.50	5.33	5.32	13	Pass

Spectrum Plot



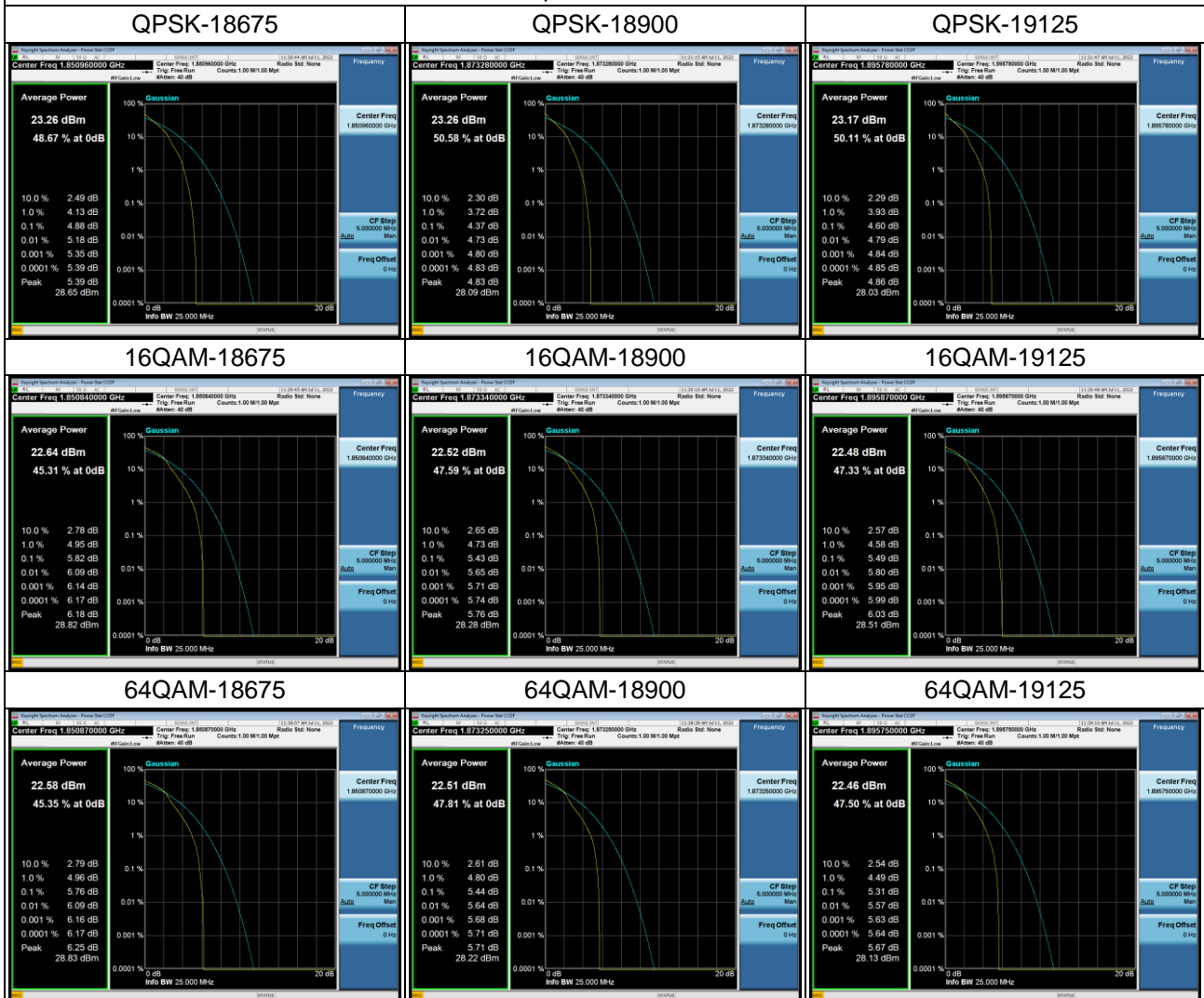
LTE Band 2_10MHz						
Channel	Frequency (MHz)	Peak To Average Ratio (dB)			Max. Limit (dB)	Result
		QPSK	16QAM	64QAM		
18650	1855	4.83	5.71	5.67	13	Pass
18900	1880	4.42	5.30	5.21	13	Pass
19150	1905	4.25	5.16	5.12	13	Pass

Spectrum Plot



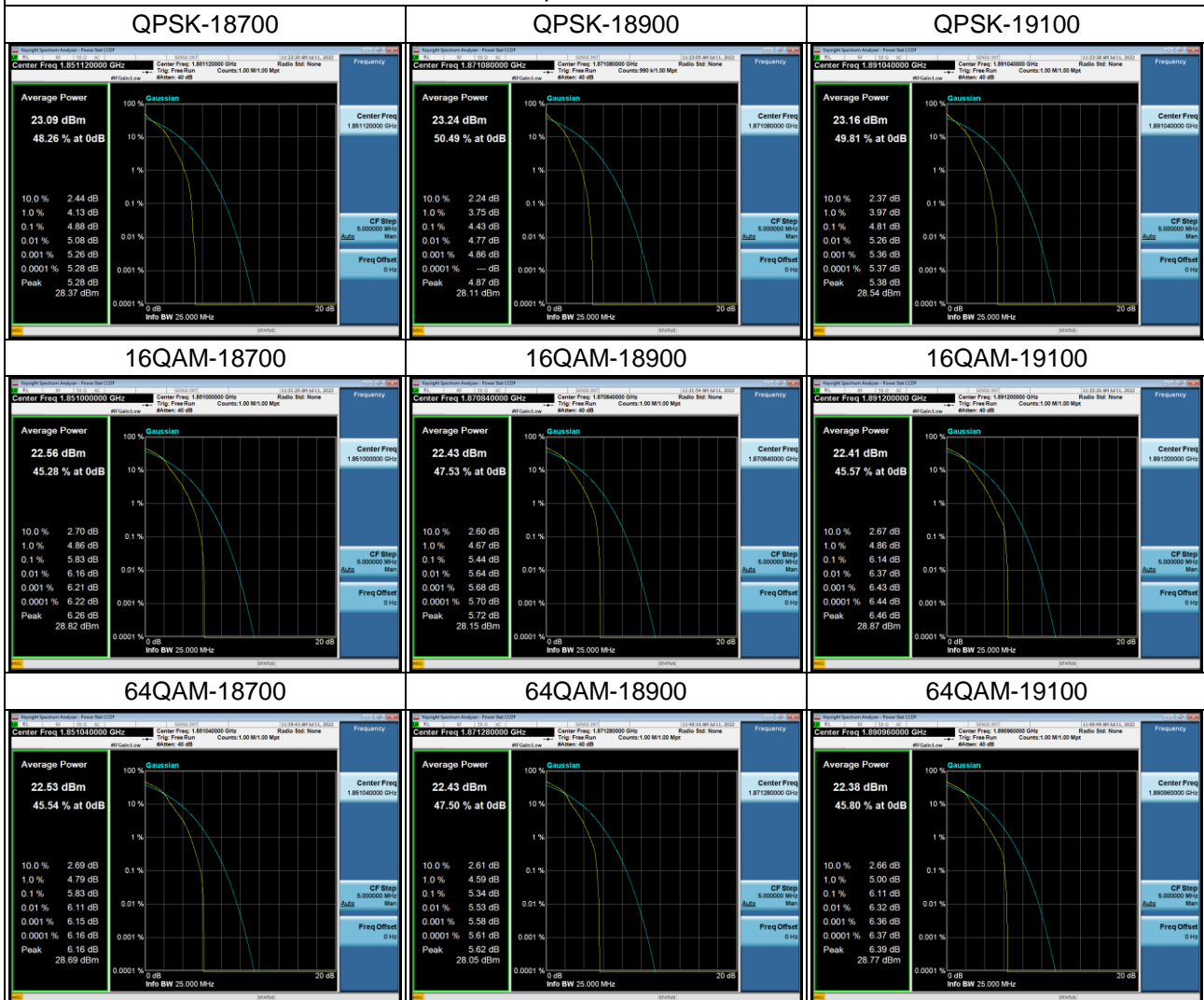
LTE Band 2_15MHz							
Channel	Frequency (MHz)	Peak To Average Ratio (dB)			Max. Limit (dB)	Result	
		QPSK	16QAM	64QAM			
18675	1857.5	4.88	5.82	5.76	13	Pass	
18900	1880	4.37	5.43	5.44	13	Pass	
19125	1902.5	4.60	5.49	5.31	13	Pass	

Spectrum Plot



LTE Band 2_20MHz							
Channel	Frequency (MHz)	Peak To Average Ratio (dB)			Max. Limit (dB)	Result	
		QPSK	16QAM	64QAM			
18700	1860	4.88	5.83	5.83	13	Pass	
18900	1880	4.43	5.44	5.34	13	Pass	
19100	1900	4.81	6.14	6.11	13	Pass	

Spectrum Plot



APPENDIX I - FREQUENCY STABILITY

Test Mode	PCS1900
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Frequency error versus temperature and supply voltage			
Temperature (°C)	Frequency (MHz)		worst ppm
	Low channel limit:1850 Reference point -13dBm	High channel limit:1910 Reference point -13dBm	Record only
50	1850.047000	1909.965000	25.4054054
40	1850.047000	1909.965000	25.4054054
30	1850.047000	1909.965000	25.4054054
20	1850.047000	1909.965000	25.4054054
10	1850.047000	1909.965000	25.4054054
0	1850.047000	1909.965000	25.4054054
-10	1850.047000	1909.965000	25.4054054
-20	1850.047000	1909.965000	25.4054054
-30	1850.047000	1909.965000	25.4054054
Minimum voltage	1850.047000	1909.965000	25.4054054
Maximum voltage	1850.047000	1909.965000	25.4054054
Nominal voltage	1850.047000	1909.965000	25.4054054

Note: Nominal voltage= 3.7V, Maximum voltage= 4.2V, Minimum voltage= 3.5V.

Test Mode	WCDMA Band II
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Frequency error versus temperature and supply voltage			
Temperature (°C)	Frequency (MHz)		worst ppm
	Low channel limit:1850 Reference point -13dBm	High channel limit:1910 Reference point -13dBm	Record only
50	1850.070000	1909.900000	-52.356021
40	1850.070000	1909.900000	-52.356021
30	1850.070000	1909.900000	-52.356021
20	1850.070000	1909.900000	-52.356021
10	1850.070000	1909.900000	-52.356021
0	1850.070000	1909.900000	-52.356021
-10	1850.070000	1909.900000	-52.356021
-20	1850.070000	1909.900000	-52.356021
-30	1850.070000	1909.900000	-52.356021
Minimum voltage	1850.070000	1909.900000	-52.356021
Maximum voltage	1850.070000	1909.900000	-52.356021
Nominal voltage	1850.070000	1909.900000	-52.356021

Note: Nominal voltage= 3.7V, Maximum voltage= 4.2V, Minimum voltage= 3.5V.

Test Mode	LTE Band 2 _20MHz
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Frequency error versus temperature and supply voltage			
Temperature (°C)	Frequency (MHz)		worst ppm
	Low channel limit:1850 Reference point -13dBm	High channel limit:1910 Reference point -13dBm	Record only
50	1850.620000	1909.820000	335.135135
40	1850.620000	1909.820000	335.135135
30	1850.620000	1909.820000	335.135135
20	1850.620000	1909.820000	335.135135
10	1850.620000	1909.820000	335.135135
0	1850.620000	1909.820000	335.135135
-10	1850.620000	1909.820000	335.135135
-20	1850.620000	1909.820000	335.135135
-30	1850.620000	1909.820000	335.135135
Minimum voltage	1850.620000	1909.820000	335.135135
Maximum voltage	1850.620000	1909.820000	335.135135
Nominal voltage	1850.620000	1909.820000	335.135135

Note: Nominal voltage= 3.7V, Maximum voltage= 4.2V, Minimum voltage= 3.5V.

End of Test Report