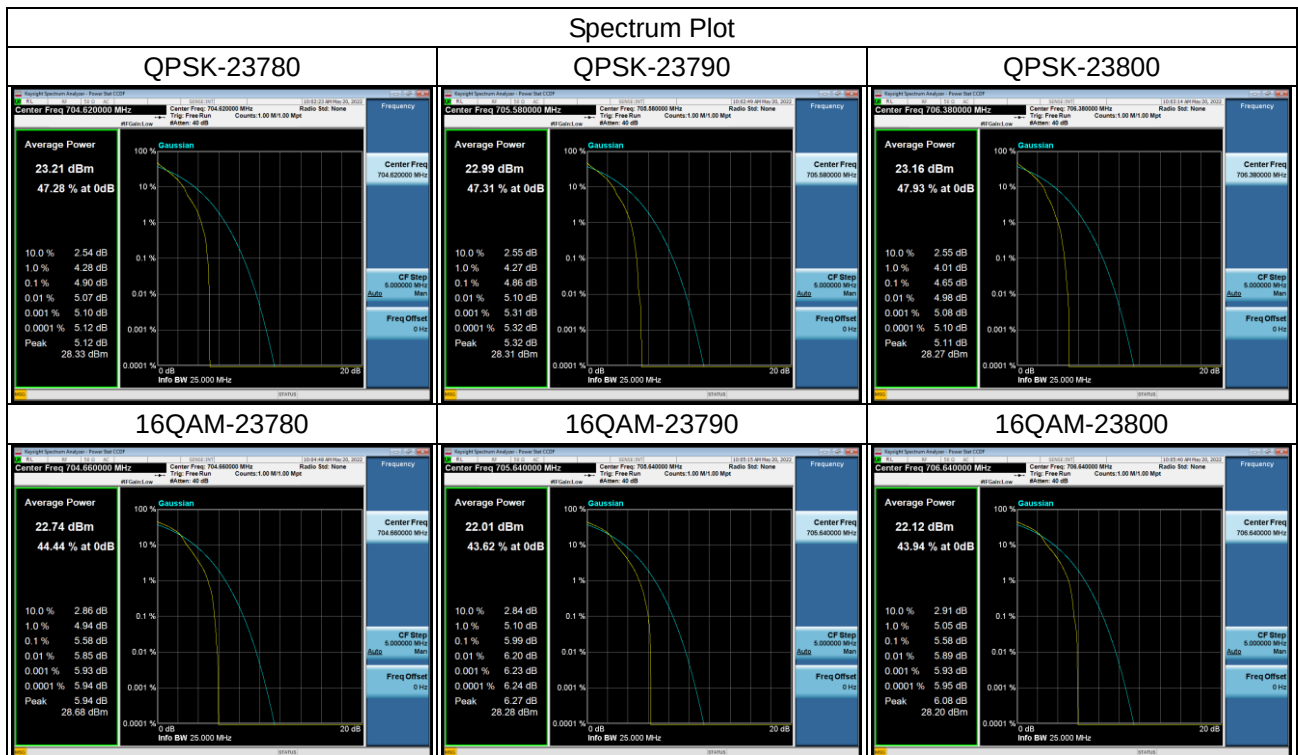
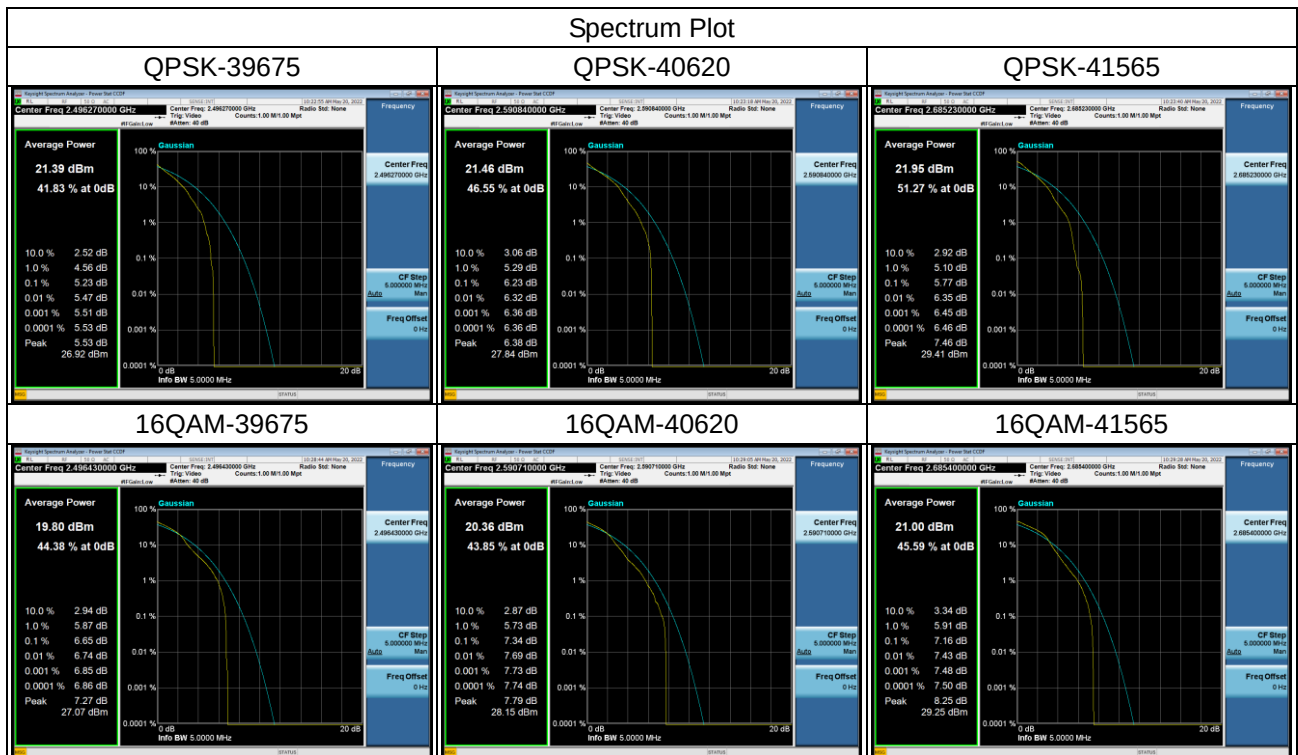


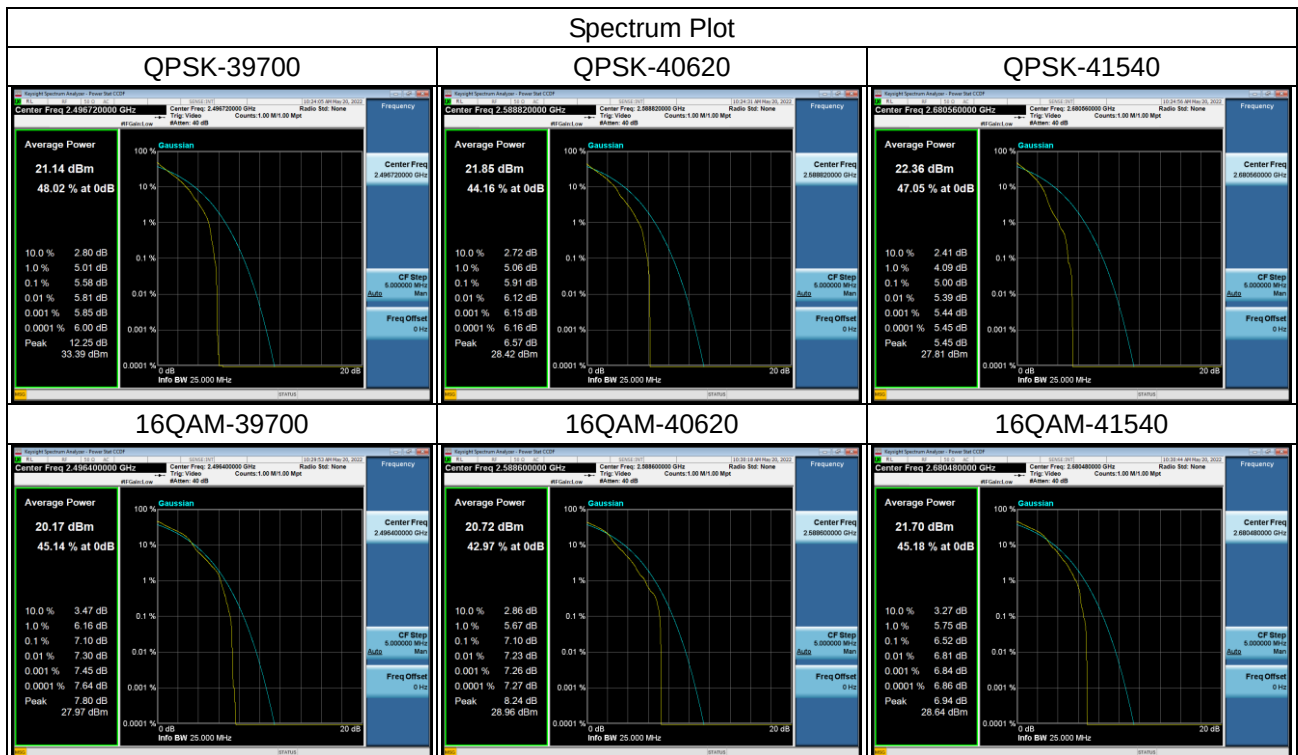
LTE Band 17_10MHz					
Channel	Frequency (MHz)	Peak To Average Ratio (dB)		Max. Limit (dB)	Result
		QPSK	16QAM		
23780	709	4.90	5.58	13	Pass
23790	710	4.86	5.99	13	Pass
23800	711	4.65	5.58	13	Pass



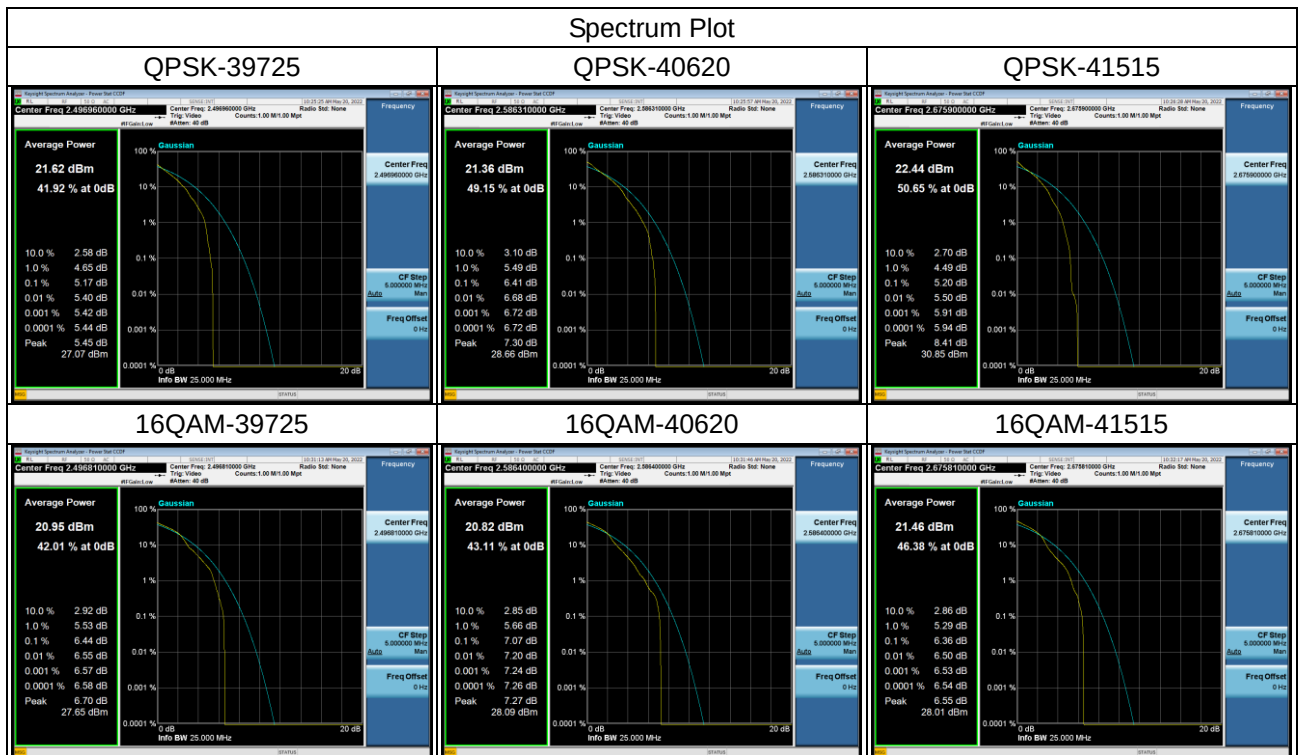
LTE Band 41_5MHz					
Channel	Frequency (MHz)	Peak To Average Ratio (dB)		Max. Limit (dB)	Result
		QPSK	16QAM		
39675	2498.5	5.23	6.65	13	Pass
40620	2593	6.23	7.34	13	Pass
41565	2687.5	5.77	7.16	13	Pass



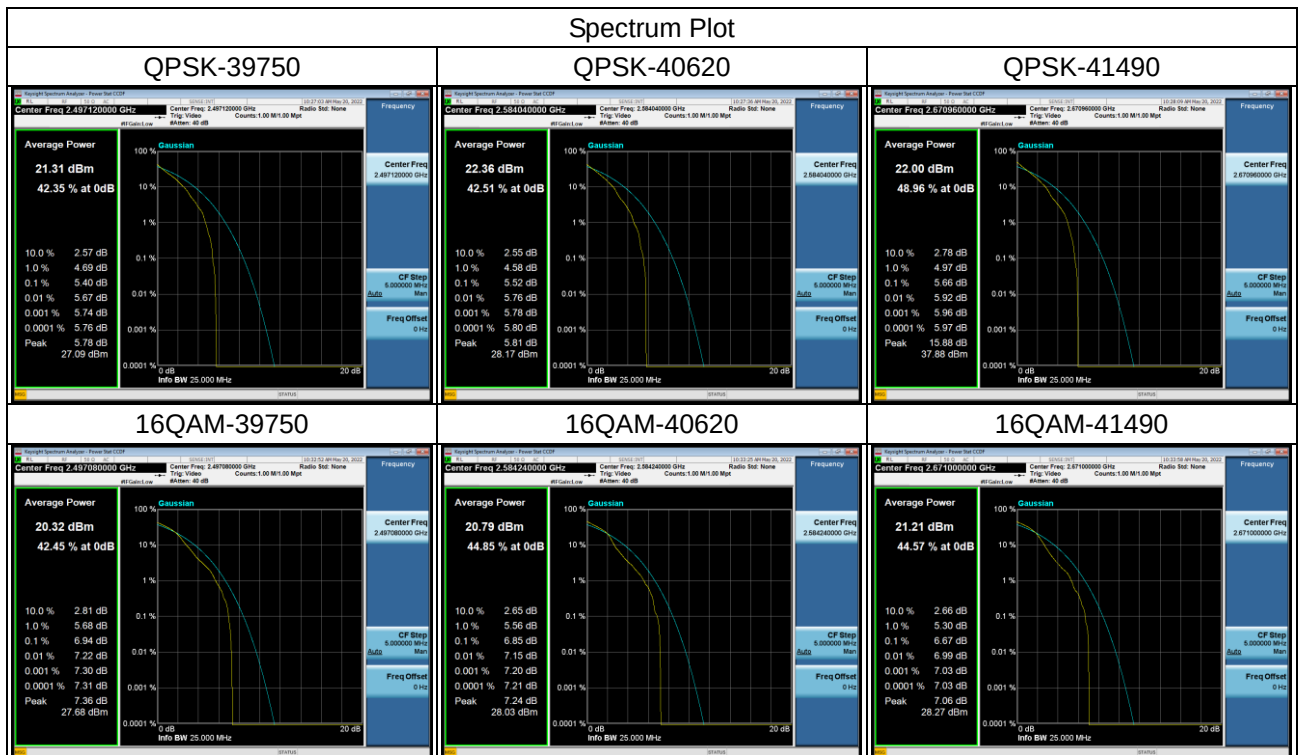
LTE Band 41_10MHz					
Channel	Frequency (MHz)	Peak To Average Ratio (dB)		Max. Limit (dB)	Result
		QPSK	16QAM		
39700	2501.0	5.58	7.10	13	Pass
40620	2593	5.91	7.10	13	Pass
41540	2685.0	5.00	6.52	13	Pass



LTE Band 41_15MHz					
Channel	Frequency (MHz)	Peak To Average Ratio (dB)		Max. Limit (dB)	Result
		QPSK	16QAM		
39725	2503.5	5.17	6.44	13	Pass
40620	2593	6.41	7.07	13	Pass
41515	2682.5	5.20	6.36	13	Pass



LTE Band 41_20MHz					
Channel	Frequency (MHz)	Peak To Average Ratio (dB)		Max. Limit (dB)	Result
		QPSK	16QAM		
39750	2506.0	5.40	6.94	13	Pass
40620	2593	5.52	6.85	13	Pass
41490	2680.0	5.66	6.67	13	Pass



APPENDIX I - FREQUENCY STABILITY

Test Mode	WCDMA Band IV
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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	1710.028500	1754.981500	16.6666667
40	1710.028500	1754.981500	16.6666667
30	1710.028500	1754.981500	16.6666667
20	1710.028500	1754.981500	16.6666667
10	1710.028500	1754.981500	16.6666667
0	1710.028500	1754.981500	16.6666667
-10	1710.028500	1754.981500	16.6666667
-20	1710.028500	1754.981500	16.6666667
-30	1710.028500	1754.981500	16.6666667
Minimum voltage	1710.028500	1754.981500	16.6666667
Maximum voltage	1710.028500	1754.981500	16.6666667
Nominal voltage	1710.028500	1754.981500	16.6666667

Note: Nominal voltage= 3.8V, Maximum voltage= 4.2V, Minimum voltage= 3.5V.

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	1710.220000	1754.930000	128.654971
40	1710.220000	1754.930000	128.654971
30	1710.220000	1754.930000	128.654971
20	1710.220000	1754.930000	128.654971
10	1710.220000	1754.930000	128.654971
0	1710.220000	1754.930000	128.654971
-10	1710.220000	1754.930000	128.654971
-20	1710.220000	1754.930000	128.654971
-30	1710.220000	1754.930000	128.654971
Minimum voltage	1710.220000	1754.930000	128.654971
Maximum voltage	1710.220000	1754.930000	128.654971
Nominal voltage	1710.220000	1754.930000	128.654971

Note: Nominal voltage= 3.8V, Maximum voltage= 4.2V, Minimum voltage= 3.5V.

Test Mode	LTE Band 7_20MHz
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Frequency error versus temperature and supply voltage			
Temperature (°C)	Frequency (MHz)		worst ppm
	Low channel limit:2500 Reference point -10dBm	High channel limit:2570 Reference point -10dBm	Record only
50	2500.280000	2569.930000	112
40	2500.280000	2569.930000	112
30	2500.280000	2569.930000	112
20	2500.280000	2569.930000	112
10	2500.280000	2569.930000	112
0	2500.280000	2569.930000	112
-10	2500.280000	2569.930000	112
-20	2500.280000	2569.930000	112
-30	2500.280000	2569.930000	112
Minimum voltage	2500.280000	2569.930000	112
Maximum voltage	2500.280000	2569.930000	112
Nominal voltage	2500.280000	2569.930000	112

Note: Nominal voltage= 3.8V, Maximum voltage= 4.2V, Minimum voltage= 3.5V.

Test Mode	LTE Band 12_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	699.020000	715.940000	-83.798883
40	699.020000	715.940000	-83.798883
30	699.020000	715.940000	-83.798883
20	699.020000	715.940000	-83.798883
10	699.020000	715.940000	-83.798883
0	699.020000	715.940000	-83.798883
-10	699.020000	715.940000	-83.798883
-20	699.020000	715.940000	-83.798883
-30	699.020000	715.940000	-83.798883
Minimum voltage	699.020000	715.940000	-83.798883
Maximum voltage	699.020000	715.940000	-83.798883
Nominal voltage	699.020000	715.940000	-83.798883

Note: Nominal voltage= 3.8V, Maximum voltage= 4.2V, Minimum voltage= 3.5V.

Test Mode	LTE Band 17_10MHz
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Frequency error versus temperature and supply voltage			
Temperature (°C)	Frequency (MHz)		worst ppm
	Low channel limit:704 Reference point -13dBm	High channel limit:716 Reference point -13dBm	Record only
50	704.080000	715.940000	113.636364
40	704.080000	715.940000	113.636364
30	704.080000	715.940000	113.636364
20	704.080000	715.940000	113.636364
10	704.080000	715.940000	113.636364
0	704.080000	715.940000	113.636364
-10	704.080000	715.940000	113.636364
-20	704.080000	715.940000	113.636364
-30	704.080000	715.940000	113.636364
Minimum voltage	704.080000	715.940000	113.636364
Maximum voltage	704.080000	715.940000	113.636364
Nominal voltage	704.080000	715.940000	113.636364

Note: Nominal voltage= 3.8V, Maximum voltage= 4.2V, Minimum voltage= 3.5V.

Test Mode	LTE Band 41_20MHz
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Frequency error versus temperature and supply voltage			
Temperature (°C)	Frequency (MHz)		worst ppm
	Low channel limit:2496 Reference point -13dBm	High channel limit:2690 Reference point -13dBm	Record only
50	2496.360000	2689.640000	144.230769
40	2496.360000	2689.640000	144.230769
30	2496.360000	2689.640000	144.230769
20	2496.360000	2689.640000	144.230769
10	2496.360000	2689.640000	144.230769
0	2496.360000	2689.640000	144.230769
-10	2496.360000	2689.640000	144.230769
-20	2496.360000	2689.640000	144.230769
-30	2496.360000	2689.640000	144.230769
Minimum voltage	2496.360000	2689.640000	144.230769
Maximum voltage	2496.360000	2689.640000	144.230769
Nominal voltage	2496.360000	2689.640000	144.230769

Note: Nominal voltage= 3.8V, Maximum voltage= 4.2V, Minimum voltage= 3.5V.

End of Test Report