

APPENDIX H - PEAK TO AVERAGE RATIO

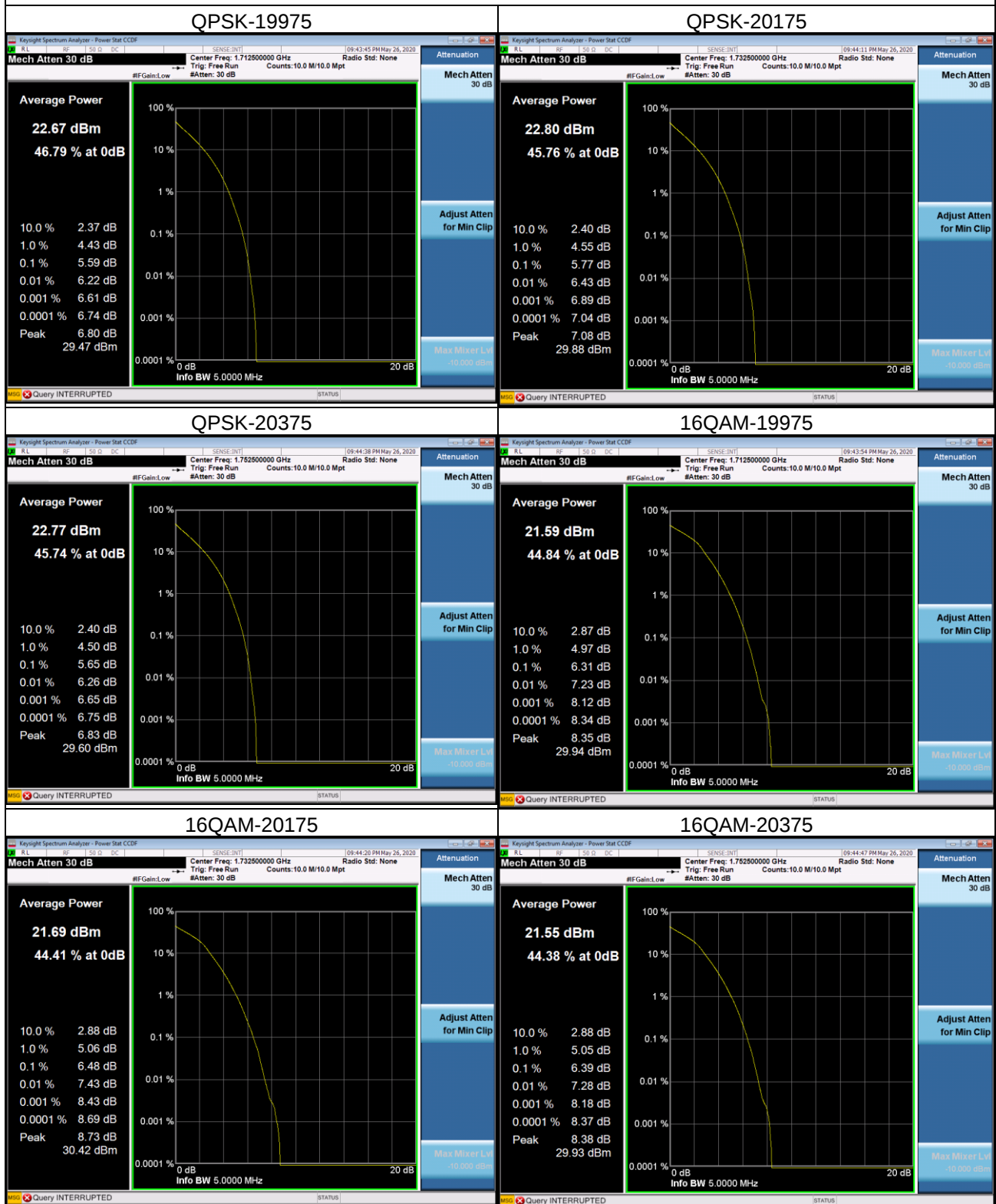
LTE Band 4_1.4M Spectrum Plot



LTE Band 4_3M Spectrum Plot



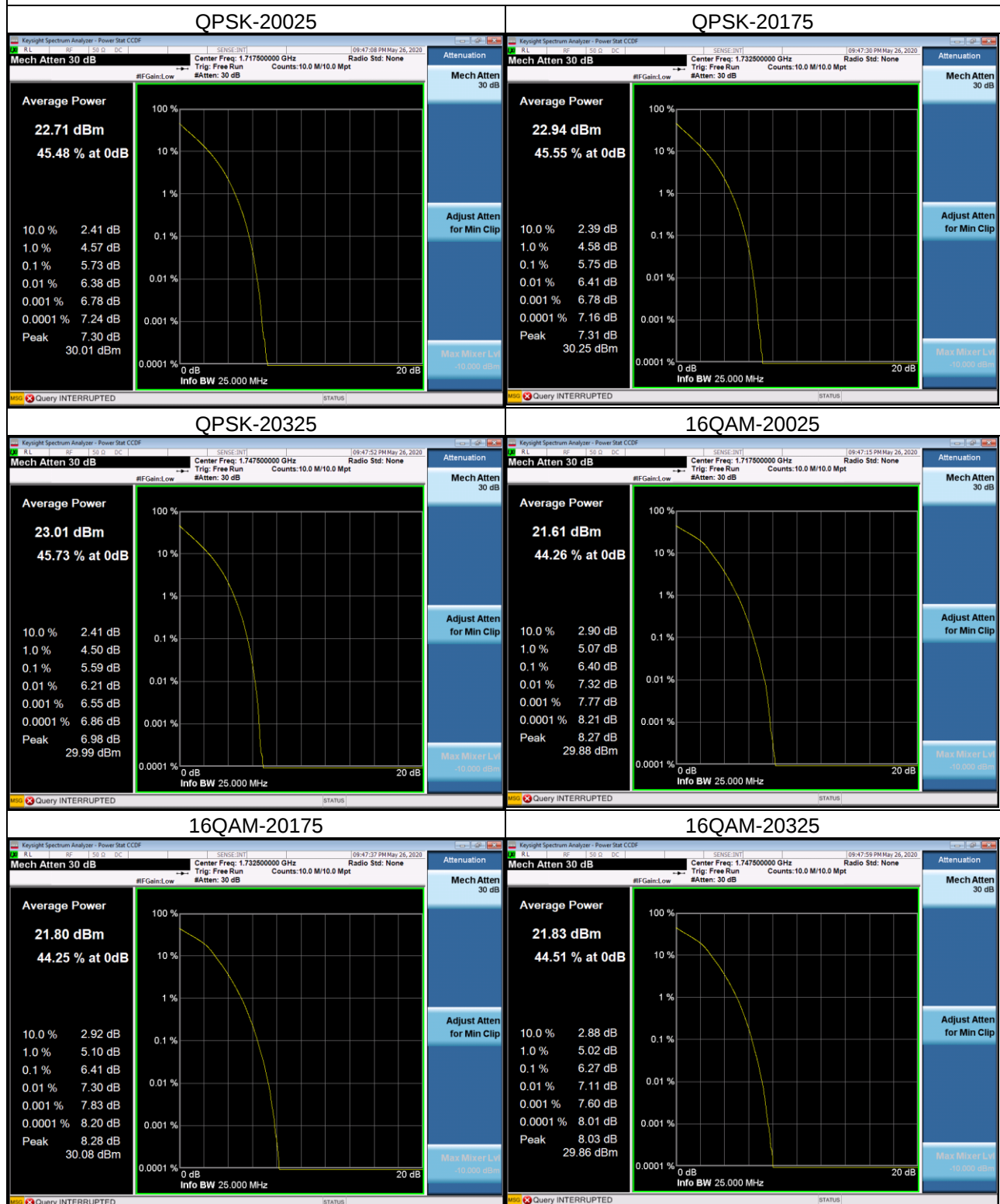
LTE Band 4_5M Spectrum Plot



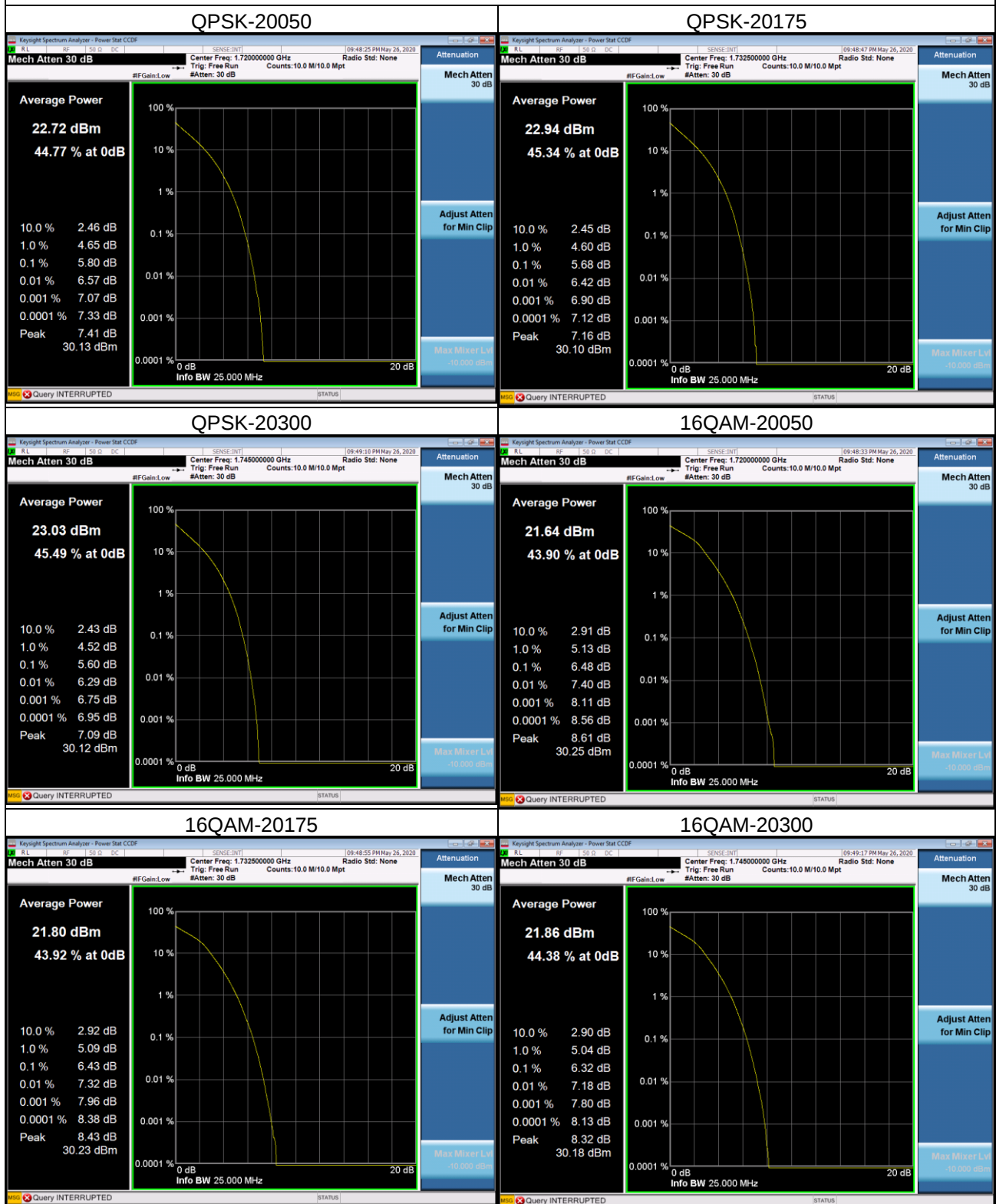
LTE Band 4_10M Spectrum Plot



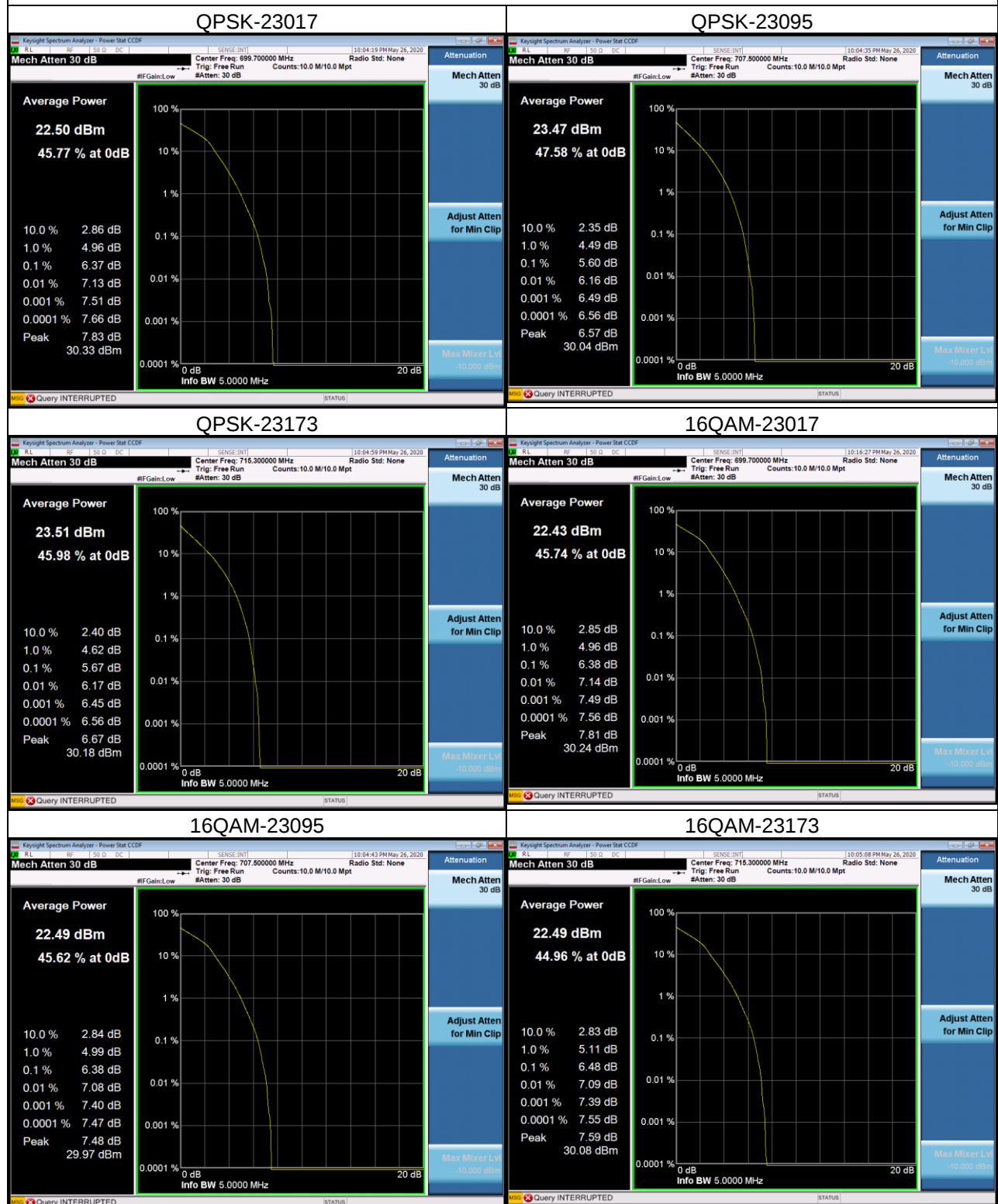
LTE Band 4_15M Spectrum Plot



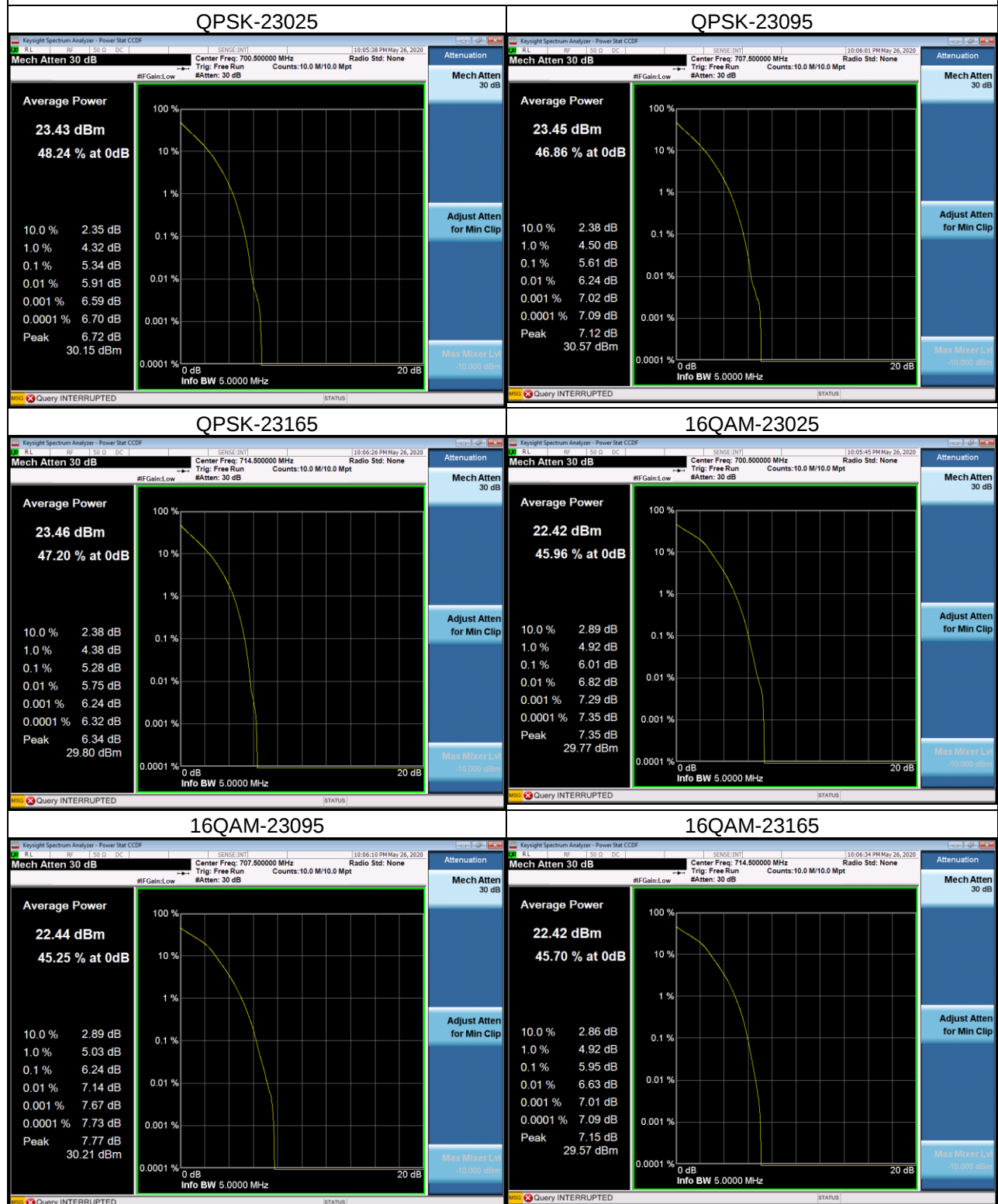
LTE Band 4_20M Spectrum Plot



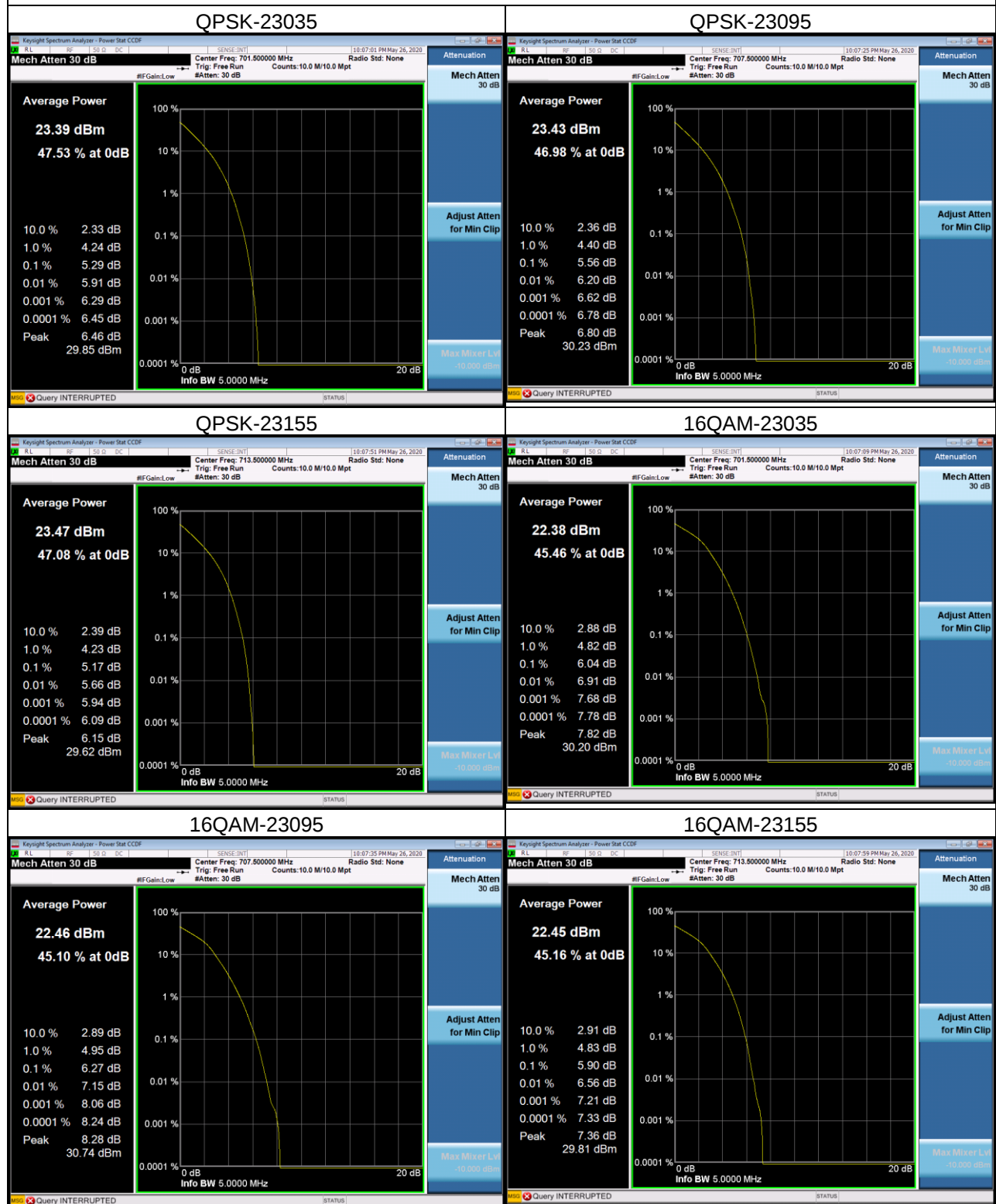
LTE Band 12_1.4M Spectrum Plot



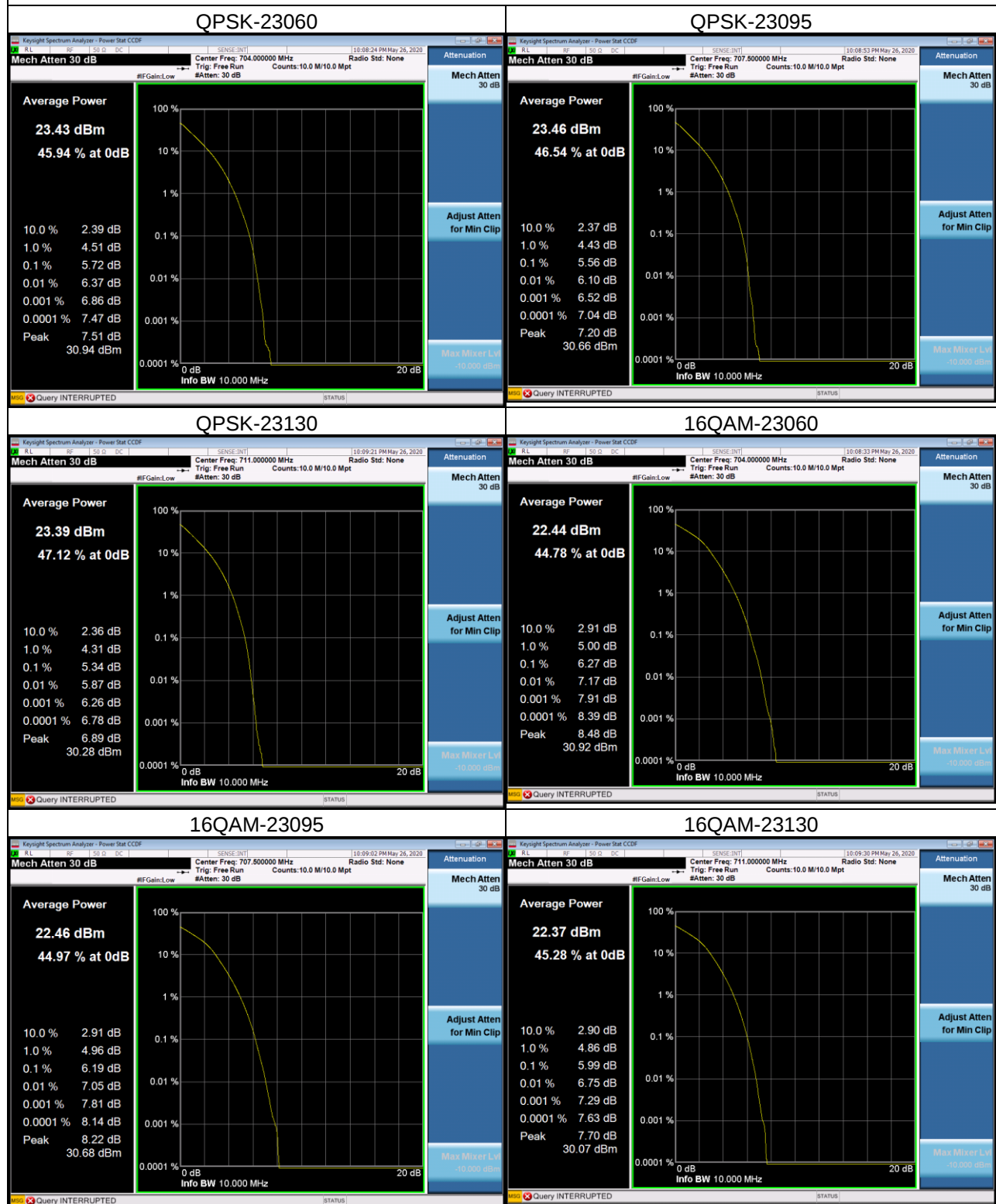
LTE Band 12_3M Spectrum Plot



LTE Band 12_5M Spectrum Plot



LTE Band 12_10M Spectrum Plot



APPENDIX I - FREQUENCY STABILITY

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

Temperature(°C)	Frequency Error (ppm)	Limit(ppm)
-40	0.0046	±2.5
-30	0.0024	
-20	-0.0082	
-10	-0.0001	
0	0.0082	
10	0.0020	
20	-0.0031	
30	-0.0065	
40	-0.0030	
50	0.0087	
60	-0.0077	
70	0.0057	
80	0.0029	
90	0.0047	
100	-0.0029	
105	-0.0071	
Max. Deviation (ppm)	0.0087	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (ppm)	Limit(ppm)
High Voltage	-0.0023	±2.5
Normal Voltage	-0.0050	
Low Voltage	-0.0027	
Max. Deviation (ppm)	-0.0050	

Test Mode	LTE Band 4_CH20175_3M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (ppm)	Limit(ppm)
-40	-0.0010	±2.5
-30	0.0016	
-20	-0.0035	
-10	0.0036	
0	0.0081	
10	-0.0023	
20	-0.0012	
30	-0.0023	
40	-0.0073	
50	0.0008	
60	0.0010	
70	0.0029	
80	0.0087	
90	0.0007	
100	0.0000	
105	0.0010	
Max. Deviation (ppm)	0.0087	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (ppm)	Limit(ppm)
High Voltage	-0.0002	±2.5
Normal Voltage	-0.0069	
Low Voltage	0.0023	
Max. Deviation (ppm)	-0.0069	

Test Mode	LTE Band 4_CH20175_5M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (ppm)	Limit(ppm)
-40	0.0077	±2.5
-30	0.0016	
-20	0.0036	
-10	-0.0024	
0	0.0034	
10	0.0043	
20	0.0065	
30	-0.0035	
40	0.0061	
50	0.0081	
60	0.0058	
70	-0.0037	
80	0.0051	
90	-0.0051	
100	0.0030	
105	-0.0014	
Max. Deviation (ppm)	0.0081	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (ppm)	Limit(ppm)
High Voltage	0.0033	±2.5
Normal Voltage	0.0016	
Low Voltage	-0.0007	
Max. Deviation (ppm)	0.0033	

Test Mode	LTE Band 4_CH20175_10M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (ppm)	Limit(ppm)
-40	-0.0042	±2.5
-30	0.0023	
-20	0.0020	
-10	0.0048	
0	0.0033	
10	0.0008	
20	-0.0064	
30	-0.0076	
40	0.0046	
50	0.0033	
60	0.0085	
70	0.0049	
80	0.0007	
90	0.0057	
100	-0.0080	
105	-0.0050	
Max. Deviation (ppm)	0.0085	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (ppm)	Limit(ppm)
High Voltage	-0.0046	±2.5
Normal Voltage	0.0041	
Low Voltage	-0.0044	
Max. Deviation (ppm)	-0.0046	

Test Mode	LTE Band 4_CH20175_15M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (ppm)	Limit(ppm)
-40	0.0019	±2.5
-30	-0.0041	
-20	0.0077	
-10	-0.0047	
0	-0.0052	
10	0.0010	
20	-0.0036	
30	-0.0008	
40	0.0061	
50	-0.0024	
60	-0.0048	
70	0.0067	
80	-0.0045	
90	0.0065	
100	0.0018	
105	-0.0011	
Max. Deviation (ppm)	0.0077	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (ppm)	Limit(ppm)
High Voltage	0.0059	±2.5
Normal Voltage	-0.0041	
Low Voltage	-0.0010	
Max. Deviation (ppm)	0.0059	

Test Mode	LTE Band 4_CH20175_20M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (ppm)	Limit(ppm)
-40	0.0085	±2.5
-30	0.0030	
-20	-0.0017	
-10	-0.0036	
0	-0.0025	
10	-0.0071	
20	-0.0088	
30	0.0044	
40	0.0074	
50	-0.0044	
60	0.0007	
70	-0.0013	
80	0.0032	
90	-0.0066	
100	0.0052	
105	0.0002	
Max. Deviation (ppm)	-0.0088	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (ppm)	Limit(ppm)
High Voltage	-0.0049	±2.5
Normal Voltage	-0.0007	
Low Voltage	0.0014	
Max. Deviation (ppm)	-0.0049	

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

Temperature(°C)	Frequency Error (ppm)	Limit(ppm)
-40	0.0019	±2.5
-30	0.0051	
-20	0.0020	
-10	0.0016	
0	-0.0030	
10	-0.0052	
20	-0.0081	
30	0.0026	
40	0.0073	
50	0.0058	
60	-0.0074	
70	0.0031	
80	0.0057	
90	0.0077	
100	-0.0026	
105	-0.0077	
Max. Deviation (ppm)	-0.0081	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (ppm)	Limit(ppm)
High Voltage	0.0006	±2.5
Normal Voltage	-0.0022	
Low Voltage	0.0087	
Max. Deviation (ppm)	0.0087	

Test Mode	LTE Band 12_CH23095_3M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (ppm)	Limit(ppm)
-40	0.0038	±2.5
-30	-0.0062	
-20	0.0047	
-10	-0.0049	
0	-0.0031	
10	-0.0008	
20	0.0027	
30	-0.0050	
40	-0.0026	
50	-0.0060	
60	0.0058	
70	-0.0055	
80	0.0079	
90	-0.0015	
100	-0.0022	
105	-0.0008	
Max. Deviation (ppm)	0.0079	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (ppm)	Limit(ppm)
High Voltage	0.0011	±2.5
Normal Voltage	-0.0031	
Low Voltage	-0.0033	
Max. Deviation (ppm)	-0.0033	

Test Mode	LTE Band 12_CH23095_5M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (ppm)	Limit(ppm)
-40	0.0044	±2.5
-30	0.0030	
-20	-0.0062	
-10	0.0037	
0	-0.0051	
10	0.0061	
20	0.0082	
30	-0.0058	
40	-0.0025	
50	-0.0011	
60	0.0017	
70	-0.0041	
80	0.0030	
90	-0.0084	
100	-0.0050	
105	0.0052	
Max. Deviation (ppm)	-0.0084	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (ppm)	Limit(ppm)
High Voltage	0.0029	±2.5
Normal Voltage	-0.0021	
Low Voltage	0.0075	
Max. Deviation (ppm)	0.0075	

Test Mode	LTE Band 12_CH23095_10M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (ppm)	Limit(ppm)
-40	0.0023	±2.5
-30	-0.0017	
-20	-0.0037	
-10	-0.0086	
0	0.0032	
10	0.0077	
20	-0.0030	
30	0.0089	
40	0.0047	
50	-0.0037	
60	-0.0079	
70	-0.0089	
80	0.0077	
90	0.0004	
100	0.0071	
105	0.0006	
Max. Deviation (ppm)	-0.0089	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (ppm)	Limit(ppm)
High Voltage	0.0019	±2.5
Normal Voltage	0.0012	
Low Voltage	-0.0059	
Max. Deviation (ppm)	-0.0059	

End of Test Report