

LTE Band 4_20M

1RB0

1RB99

Channel

20050

Channel

20300



100RB0

Channel

20050

Channel

20300



LTE Band 7_5M

1RB0

1RB24

Channel

20775

Channel

21425



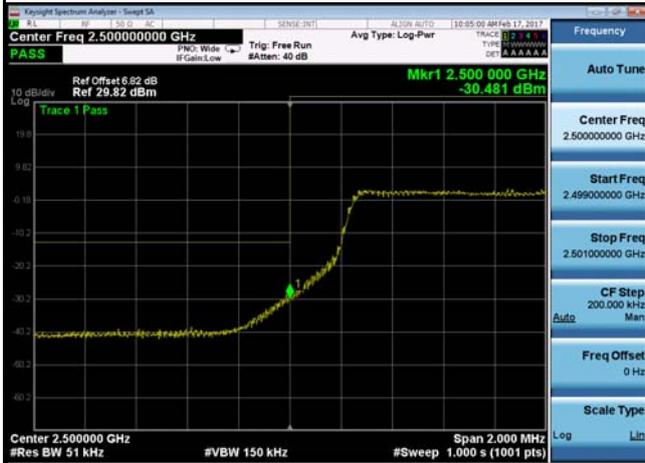
25RB0

Channel

20775

Channel

21425



LTE Band 7_10M

1RB0

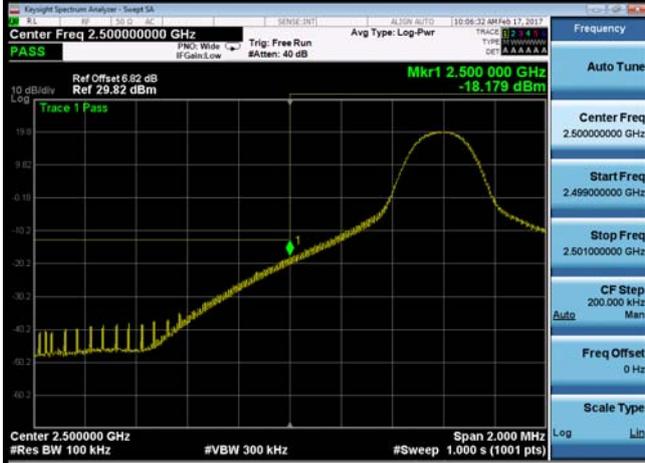
1RB49

Channel

20800

Channel

21400



50RB0

Channel

20800

Channel

21400



LTE Band 7_15M

1RB0

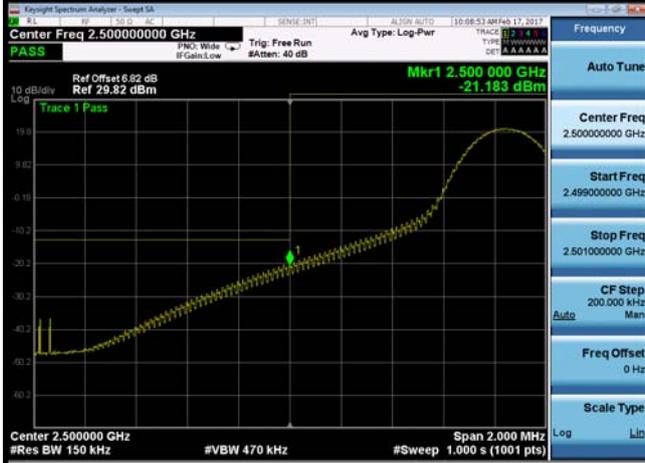
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Channel

20825

Channel

21375



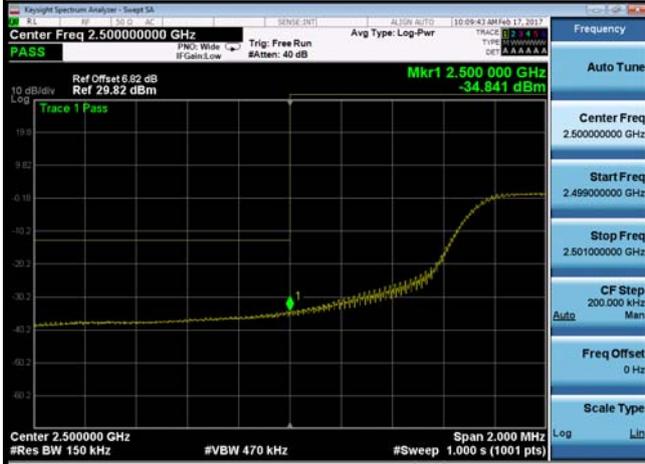
75RB0

Channel

20825

Channel

21375



LTE Band 7_20M

1RB0

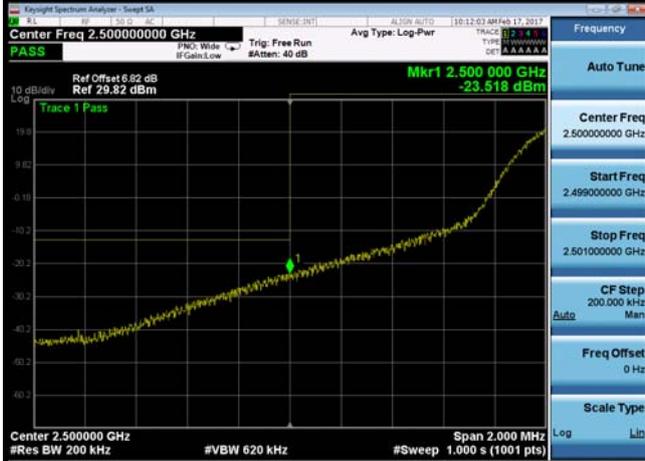
1RB99

Channel

20850

Channel

21350



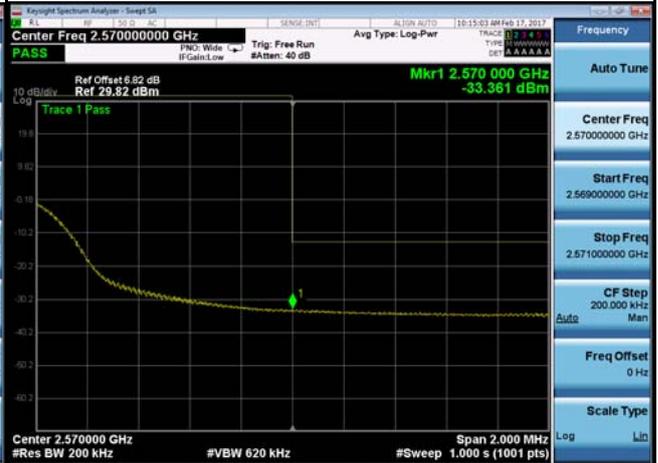
100RB0

Channel

20850

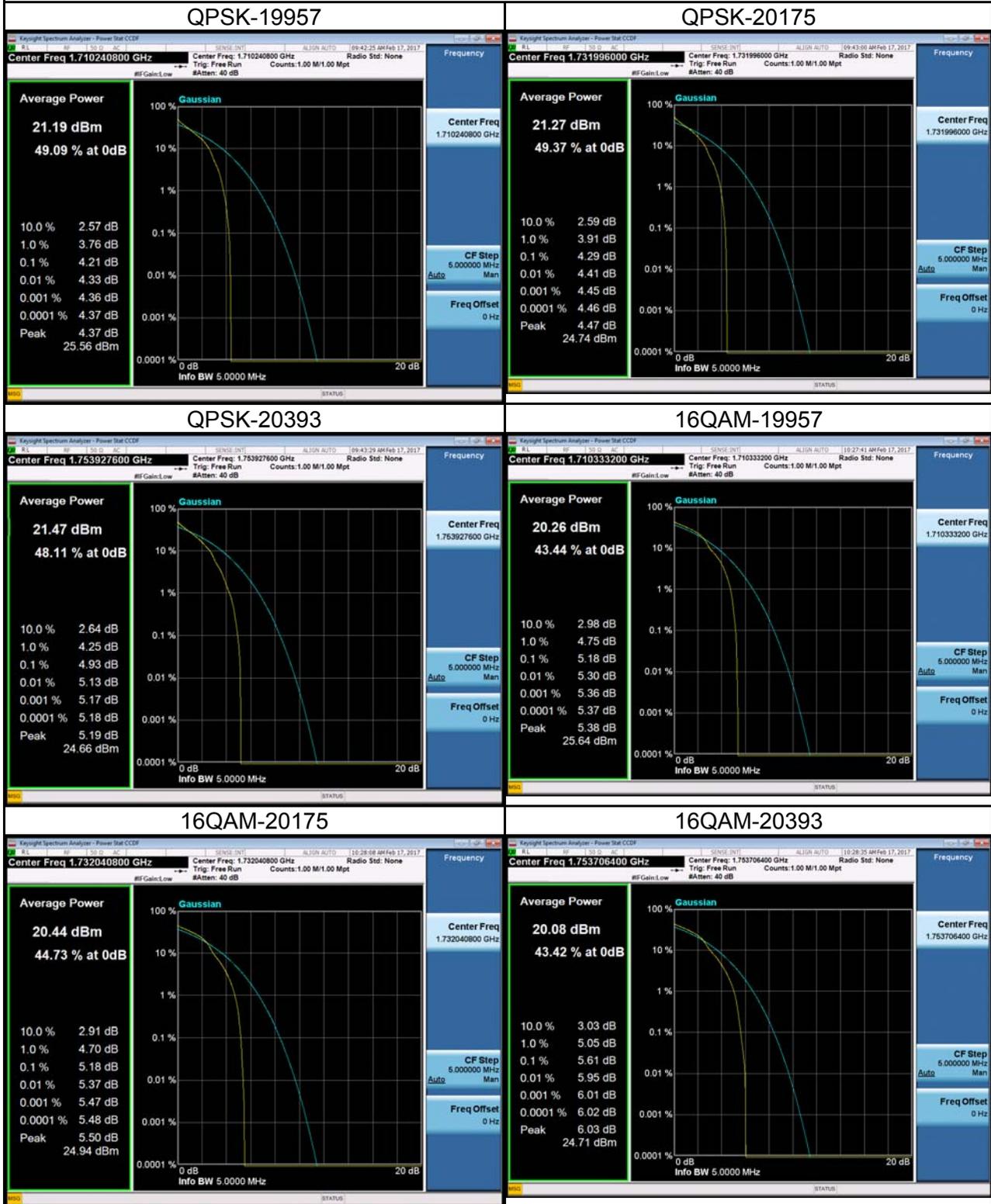
Channel

21350

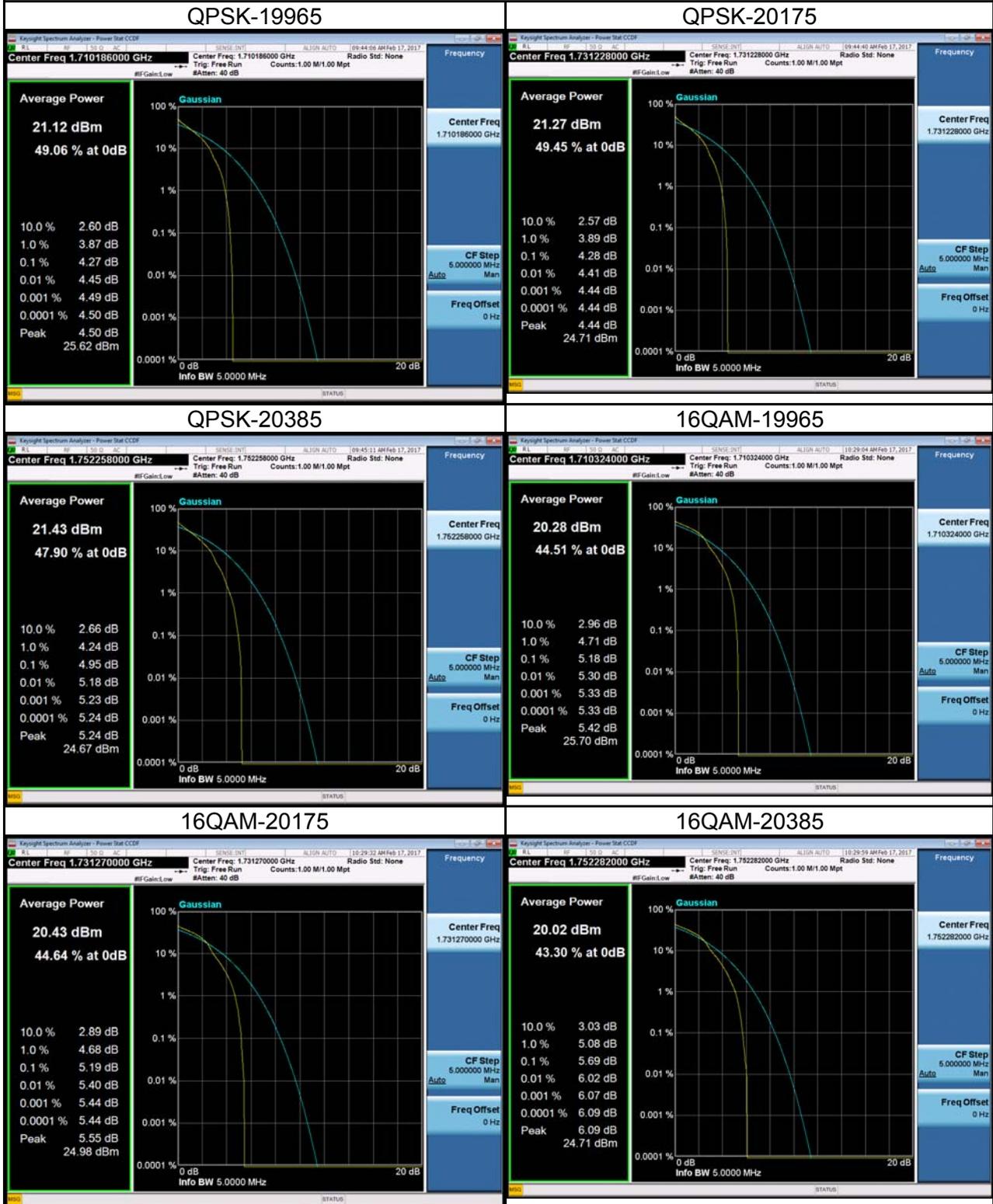


ATTACHMENT F - PEAK TO AVERAGE RATIO

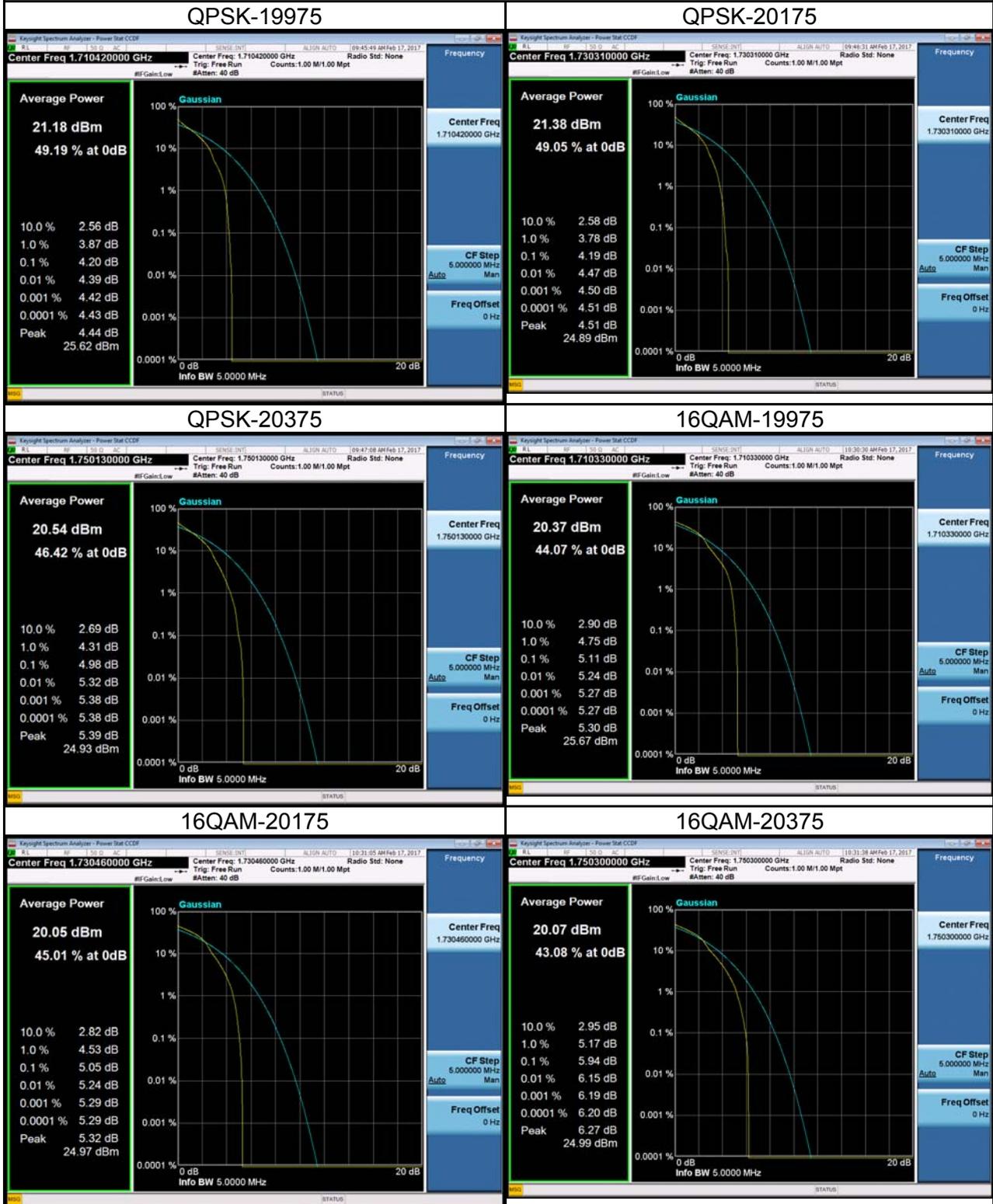
LTE Band 4 Spectrum Plot_1.4M



LTE Band 4 Spectrum Plot_3M



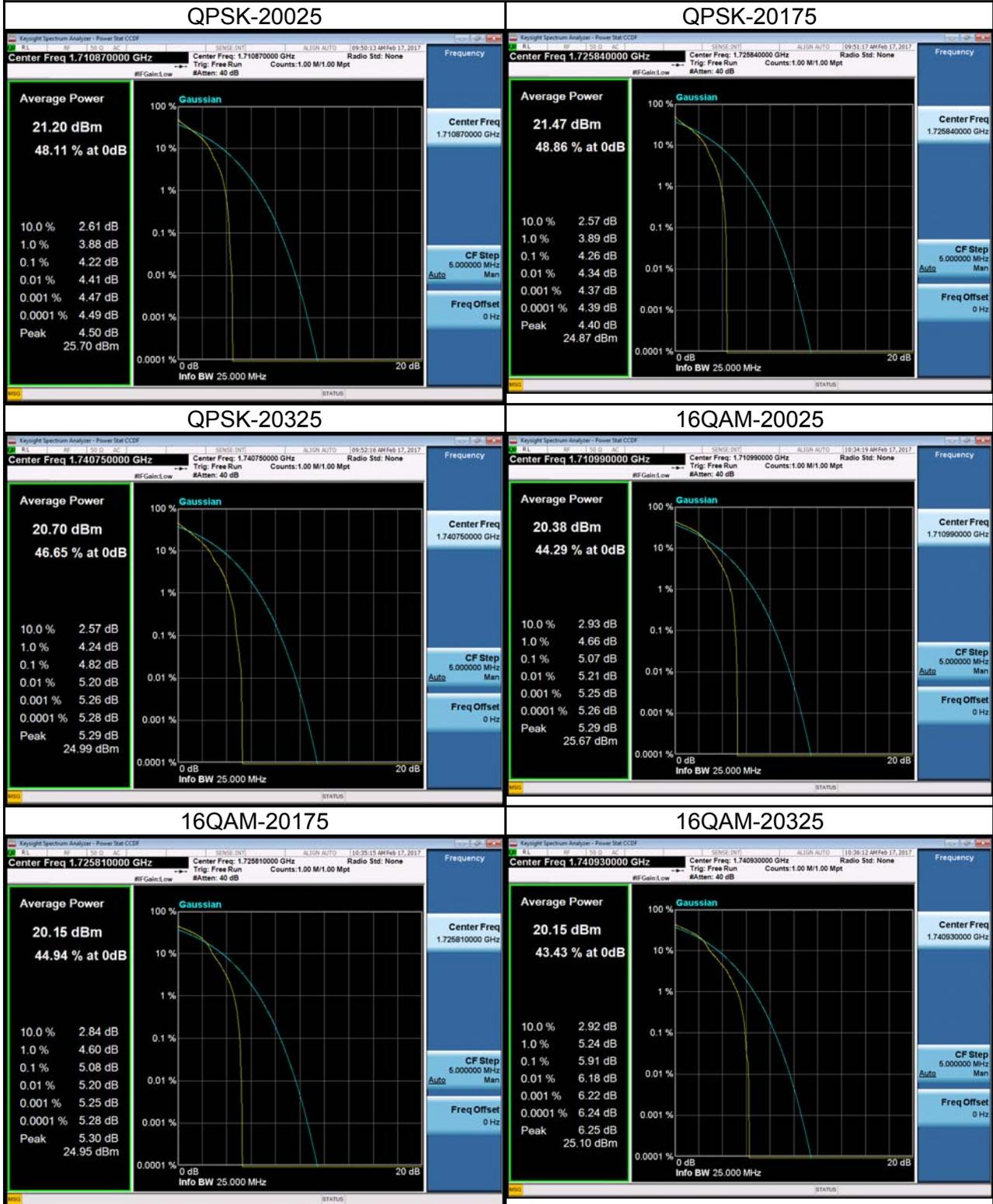
LTE Band 4 Spectrum Plot_5M



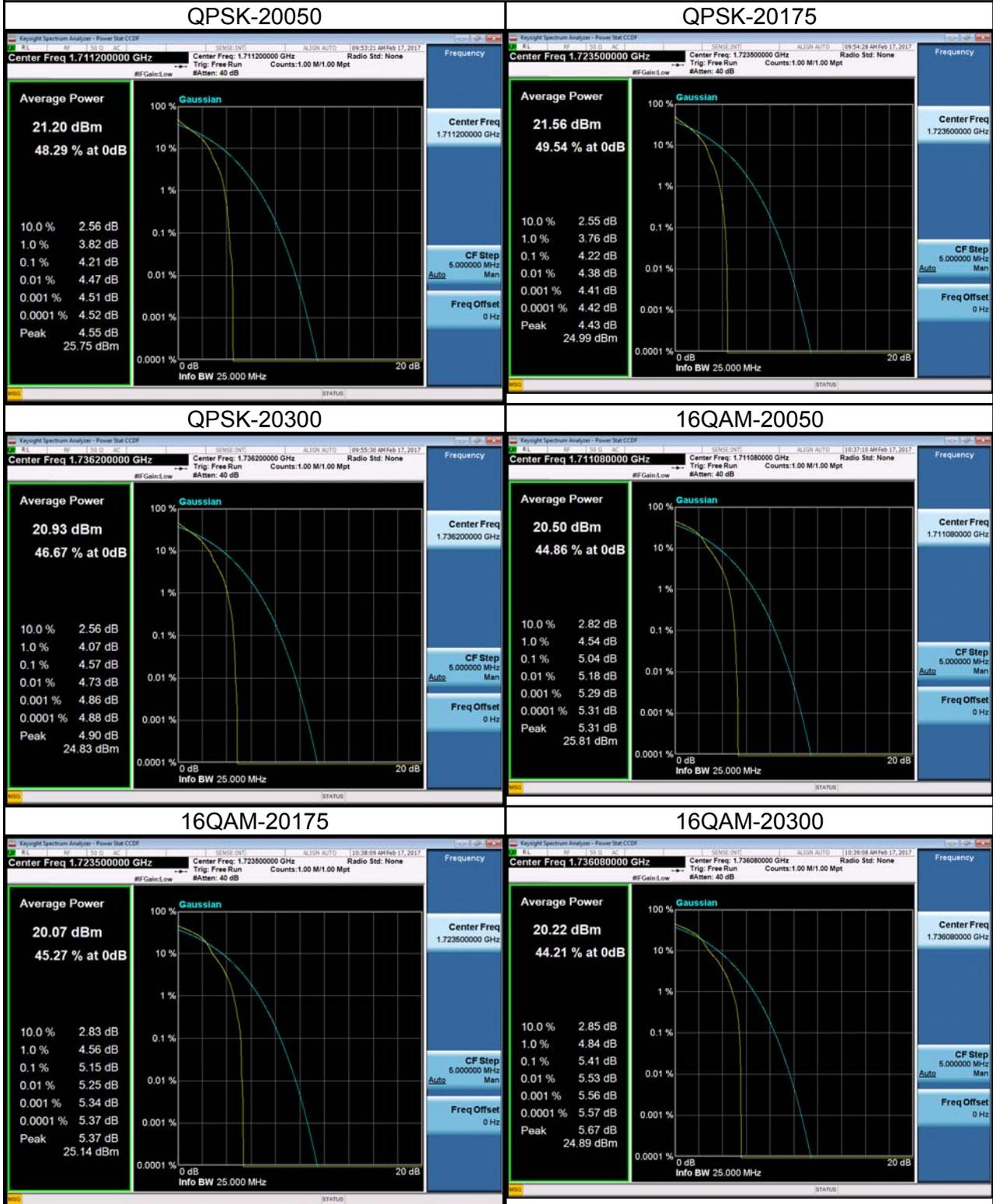
LTE Band 4 Spectrum Plot_10M



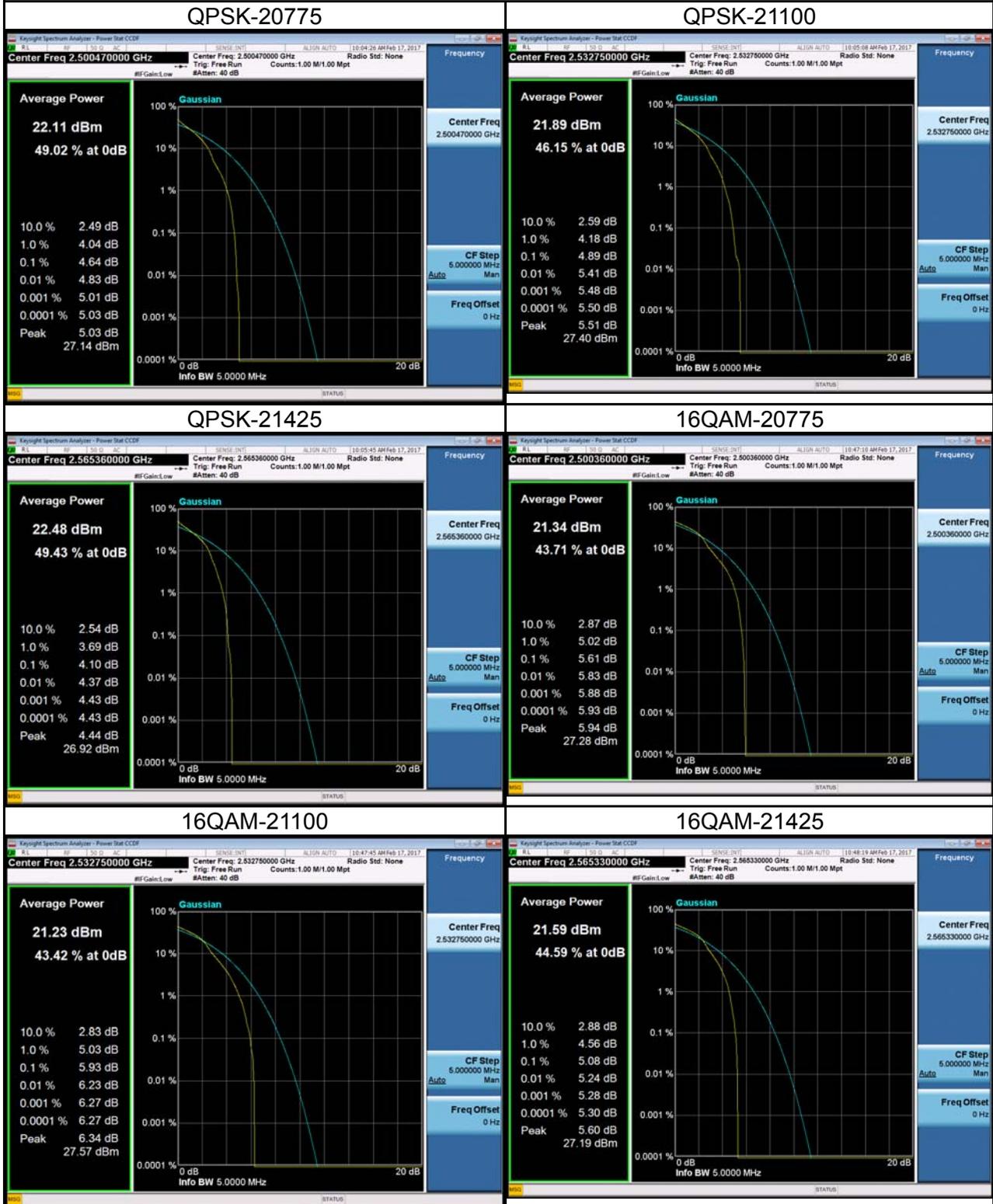
LTE Band 4 Spectrum Plot_15M



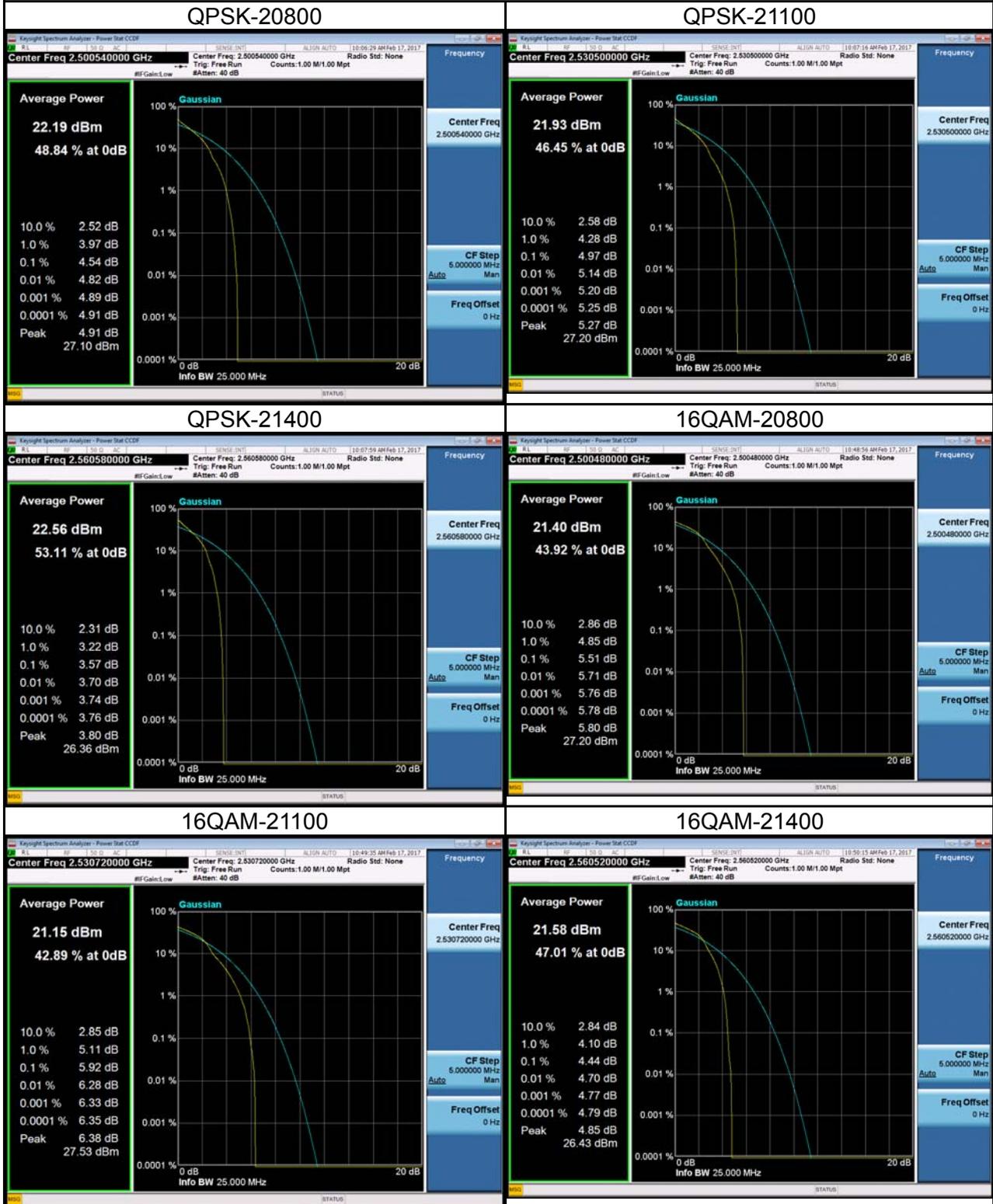
LTE Band 4 Spectrum Plot_20M



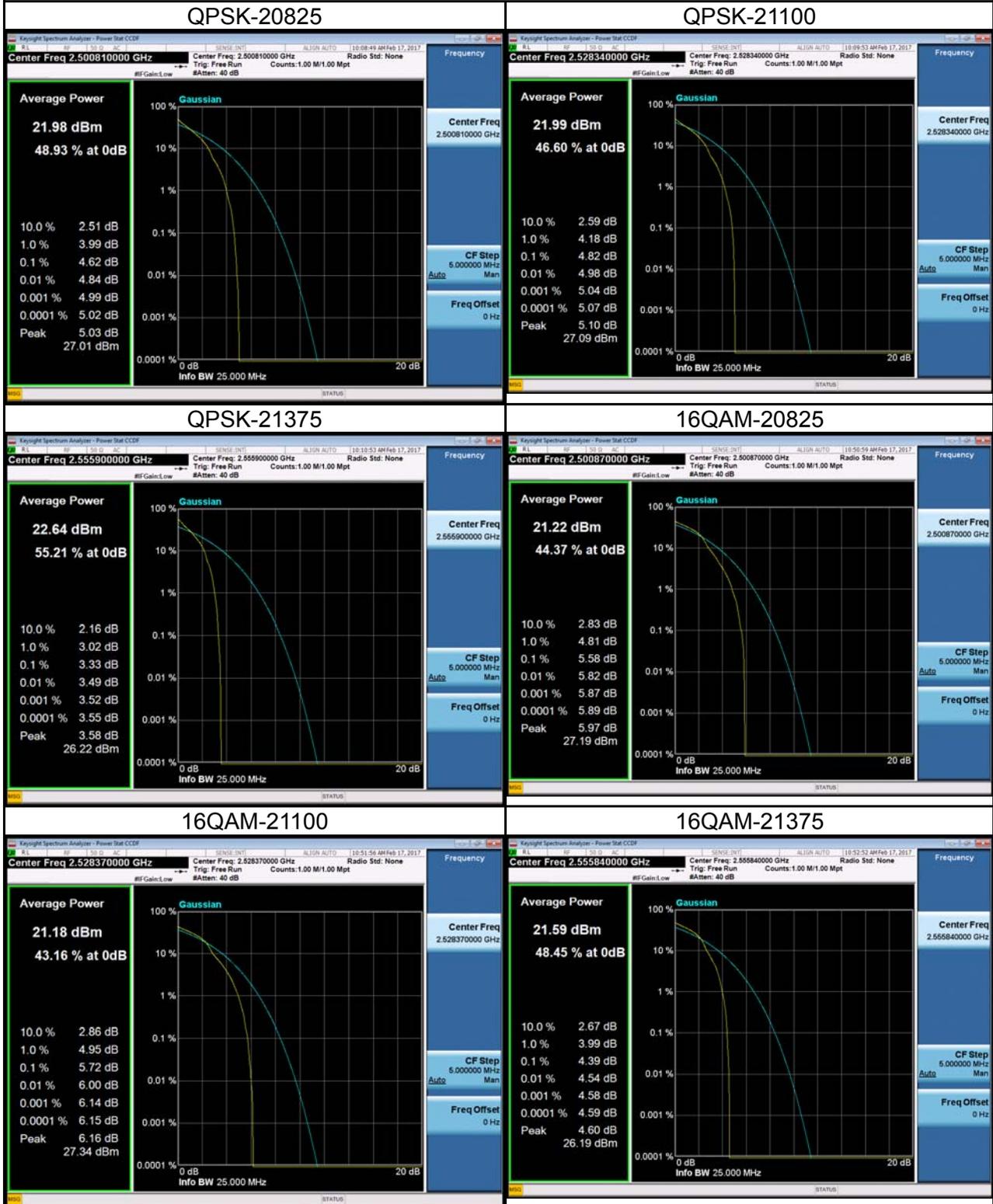
LTE Band 7 Spectrum Plot_5M



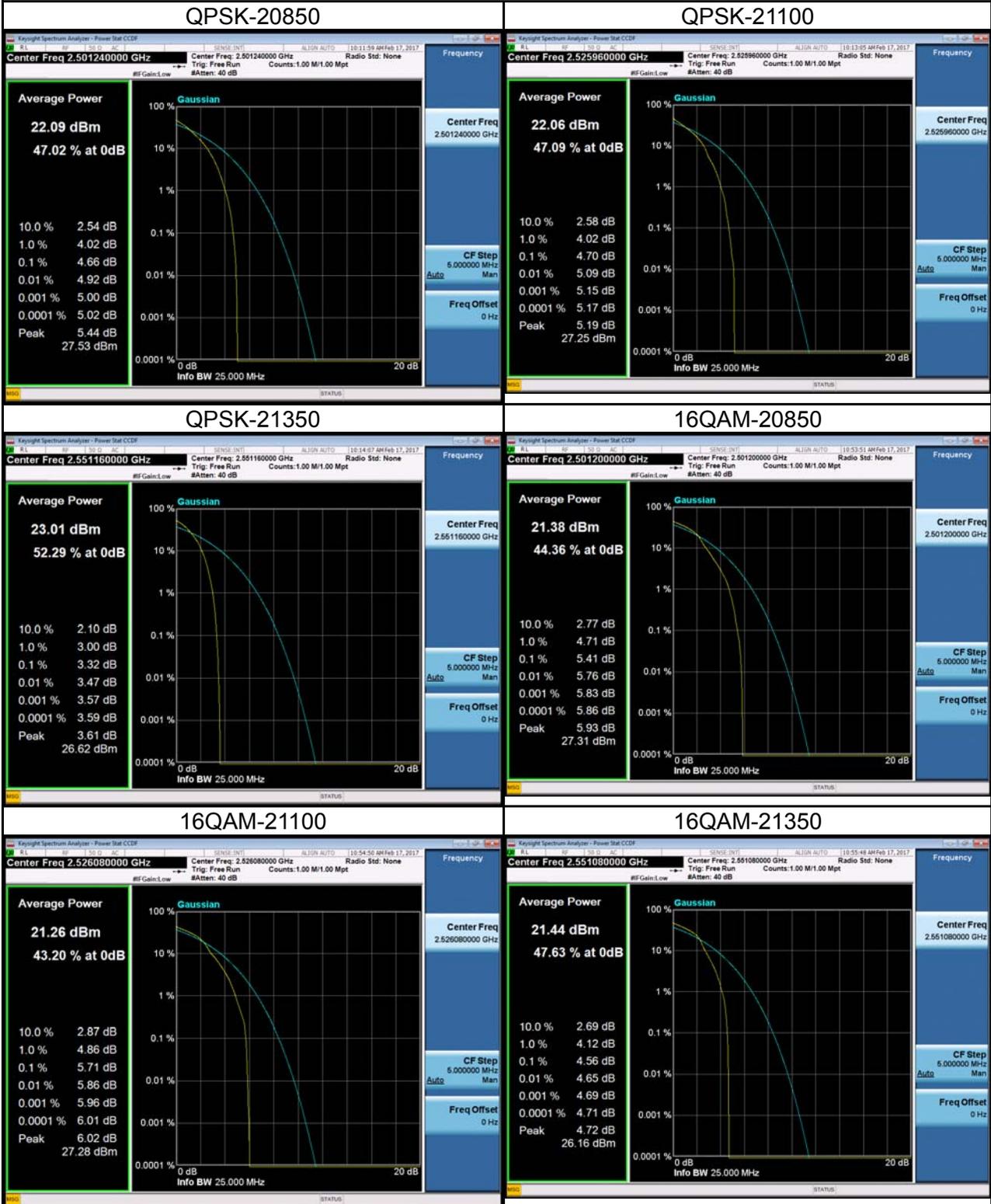
LTE Band 7 Spectrum Plot_10M



LTE Band 7 Spectrum Plot_15M



LTE Band 7 Spectrum Plot_20M



ATTACHMENT G - FREQUENCY STABILITY

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)
0	3.88	0.002239538	2.5
5	2.56	0.001477633	2.5
10	-3.45	0.001991342	2.5
15	6.37	0.003676768	2.5
20	1.78	0.001027417	2.5
25	-2.33	0.001344877	2.5
30	-4.12	0.002378066	2.5
35	3.48	0.002008658	2.5
Max. Deviation (ppm)	6.37	0.003676768	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	2.15	0.001240981	2.5
4.0	3.67	0.002118326	2.5
4.2	2.09	0.001206349	2.5
Max. Deviation (ppm)	3.67	0.002118326	2.5

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)
0	-2.69	0.00155267	2.5
5	-3.33	0.001922078	2.5
10	5.69	0.003284271	2.5
15	4.59	0.002649351	2.5
20	2.36	0.001362193	2.5
25	-6.32	0.003647908	2.5
30	5.79	0.003341991	2.5
35	5.51	0.003180375	2.5
Max. Deviation (ppm)	6.32	0.003647908	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	1.28	0.000738817	2.5
4.0	-2.60	0.001500722	2.5
4.2	-5.34	0.003082251	2.5
Max. Deviation (ppm)	5.34	0.003082251	2.5

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)
0	3.22	0.001858586	2.5
5	-1.48	0.000854257	2.5
10	1.83	0.001056277	2.5
15	-2.36	0.001362193	2.5
20	5.68	0.003278499	2.5
25	-4.56	0.002632035	2.5
30	1.84	0.001062049	2.5
35	3.66	0.002112554	2.5
Max. Deviation (ppm)	5.68	0.003278499	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	6.77	0.003907648	2.5
4.0	-5.03	0.002903319	2.5
4.2	4.16	0.002401154	2.5
Max. Deviation (ppm)	6.77	0.003907648	2.5

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)
0	4.56	0.002632035	2.5
5	-3.92	0.002262626	2.5
10	-1.89	0.001090909	2.5
15	1.33	0.000767677	2.5
20	-2.68	0.001546898	2.5
25	-2.45	0.001414141	2.5
30	3.18	0.001835498	2.5
35	5.87	0.003388167	2.5
Max. Deviation (ppm)	5.87	0.003388167	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	3.75	0.002164502	2.5
4.0	-1.03	0.000594517	2.5
4.2	2.62	0.001512266	2.5
Max. Deviation (ppm)	3.75	0.002164502	2.5

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)
0	4.32	0.002493506	2.5
5	2.14	0.001235209	2.5
10	-6.08	0.00350938	2.5
15	2.33	0.001344877	2.5
20	-5.88	0.003393939	2.5
25	2.09	0.001206349	2.5
30	3.73	0.002152958	2.5
35	4.10	0.002366522	2.5
Max. Deviation (ppm)	6.08	0.00350938	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	5.51	0.003180375	2.5
4.0	6.38	0.00368254	2.5
4.2	-2.10	0.001212121	2.5
Max. Deviation (ppm)	6.38	0.00368254	2.5

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)
0	2.39	0.001379509	2.5
5	5.25	0.003030303	2.5
10	-5.42	0.003128427	2.5
15	2.30	0.001327561	2.5
20	5.08	0.002932179	2.5
25	4.09	0.00236075	2.5
30	4.11	0.002372294	2.5
35	7.77	0.004484848	2.5
Max. Deviation (ppm)	7.77	0.004484848	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	5.34	0.003082251	2.5
4.0	2.13	0.001229437	2.5
4.2	4.82	0.002782107	2.5
Max. Deviation (ppm)	5.34	0.003082251	2.5

Test Mode:	LTE Band 7_CH21100_5M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
0	3.20	0.001262327	2.5
5	-6.24	0.002461538	2.5
10	1.98	0.000781065	2.5
15	-3.99	0.001573964	2.5
20	1.07	0.000422091	2.5
25	5.16	0.002035503	2.5
30	2.34	0.000923077	2.5
35	-1.99	0.00078501	2.5
Max. Deviation (ppm)	6.24	0.002461538	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	6.64	0.002619329	2.5
4.0	6.27	0.002473373	2.5
4.2	3.57	0.001408284	2.5
Max. Deviation (ppm)	6.64	0.002619329	2.5

Test Mode:	LTE Band 7_CH21100_10M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
0	3.22	0.001270217	2.5
5	6.14	0.002422091	2.5
10	-6.97	0.002749507	2.5
15	3.28	0.001293886	2.5
20	3.74	0.001475345	2.5
25	-4.61	0.00181854	2.5
30	5.14	0.002027613	2.5
35	3.24	0.001278107	2.5
Max. Deviation (ppm)	6.14	0.002749507	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	3.19	0.001258383	2.5
4.0	5.21	0.002055227	2.5
4.2	-3.69	0.001455621	2.5
Max. Deviation (ppm)	5.21	0.002055227	2.5

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)
0	3.14	0.001238659	2.5
5	-5.21	0.002055227	2.5
10	-6.28	0.002477318	2.5
15	-3.08	0.00121499	2.5
20	2.27	0.000895464	2.5
25	1.66	0.000654832	2.5
30	5.14	0.002027613	2.5
35	2.68	0.001057199	2.5
Max. Deviation (ppm)	6.28	0.002477318	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	2.12	0.000836292	2.5
4.0	1.87	0.000737673	2.5
4.2	-2.94	0.001159763	2.5
Max. Deviation (ppm)	2.94	0.001159763	2.5

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)
0	3.75	0.00147929	2.5
5	1.28	0.000504931	2.5
10	-6.29	0.002481262	2.5
15	1.82	0.000717949	2.5
20	4.37	0.001723866	2.5
25	5.24	0.002067061	2.5
30	-1.18	0.000465483	2.5
35	5.02	0.001980276	2.5
Max. Deviation (ppm)	6.29	0.002481262	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	1.33	0.000524655	2.5
4.0	5.14	0.002027613	2.5
4.2	3.62	0.001428008	2.5
Max. Deviation (ppm)	5.14	0.002027613	2.5