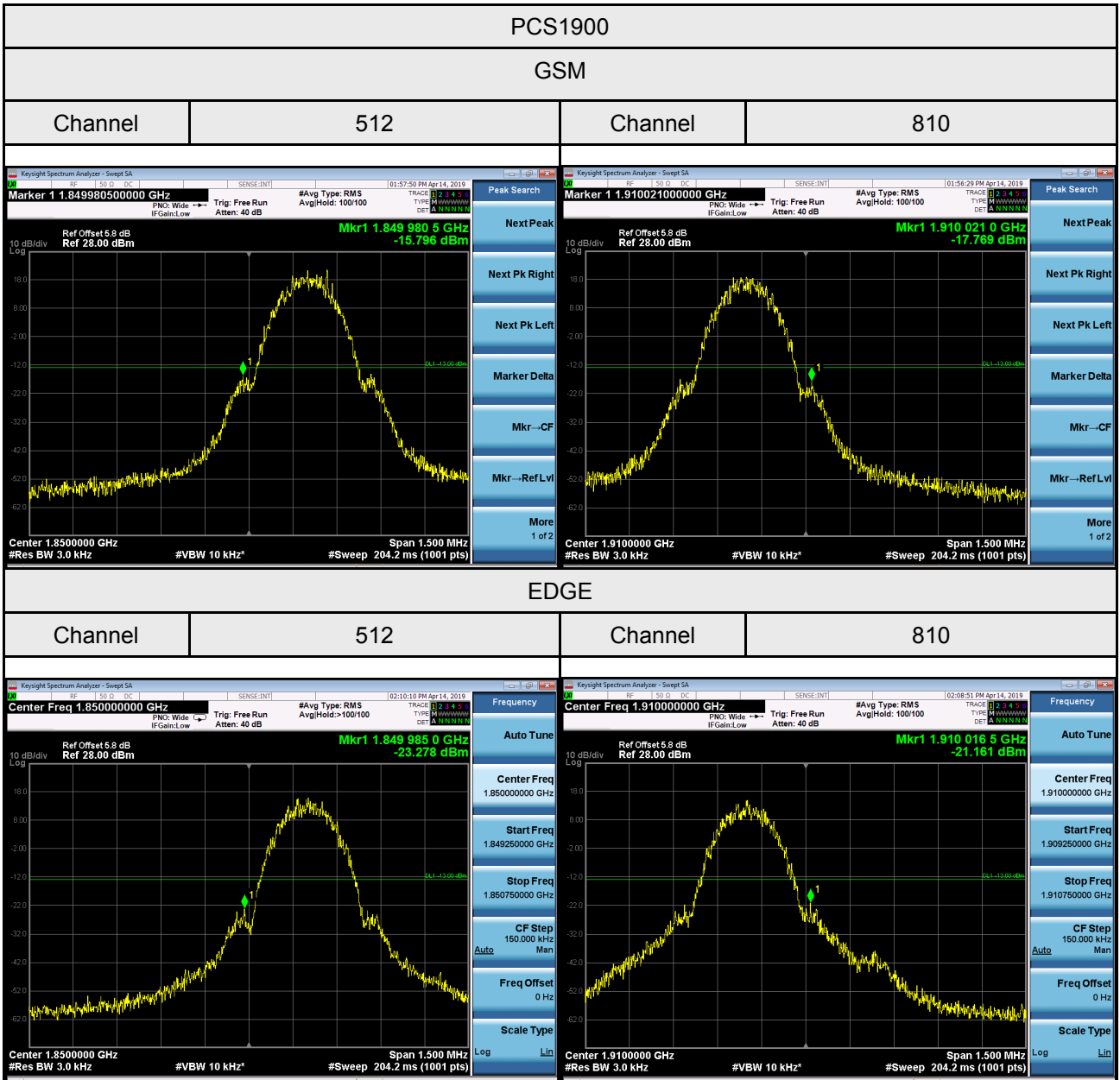
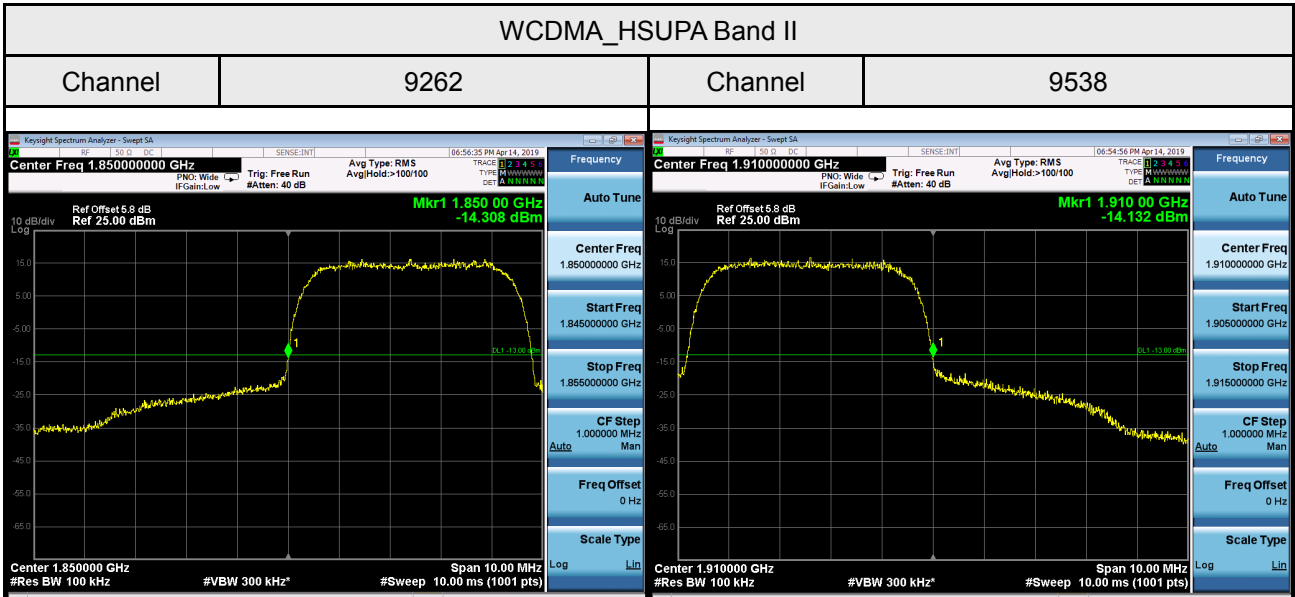
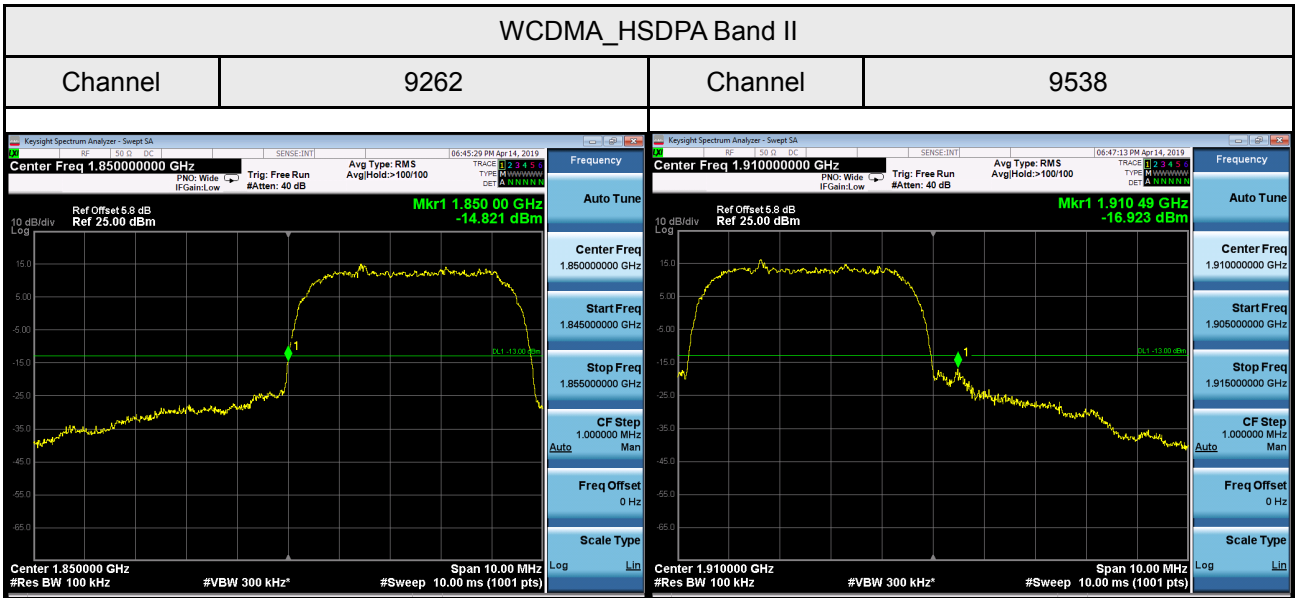
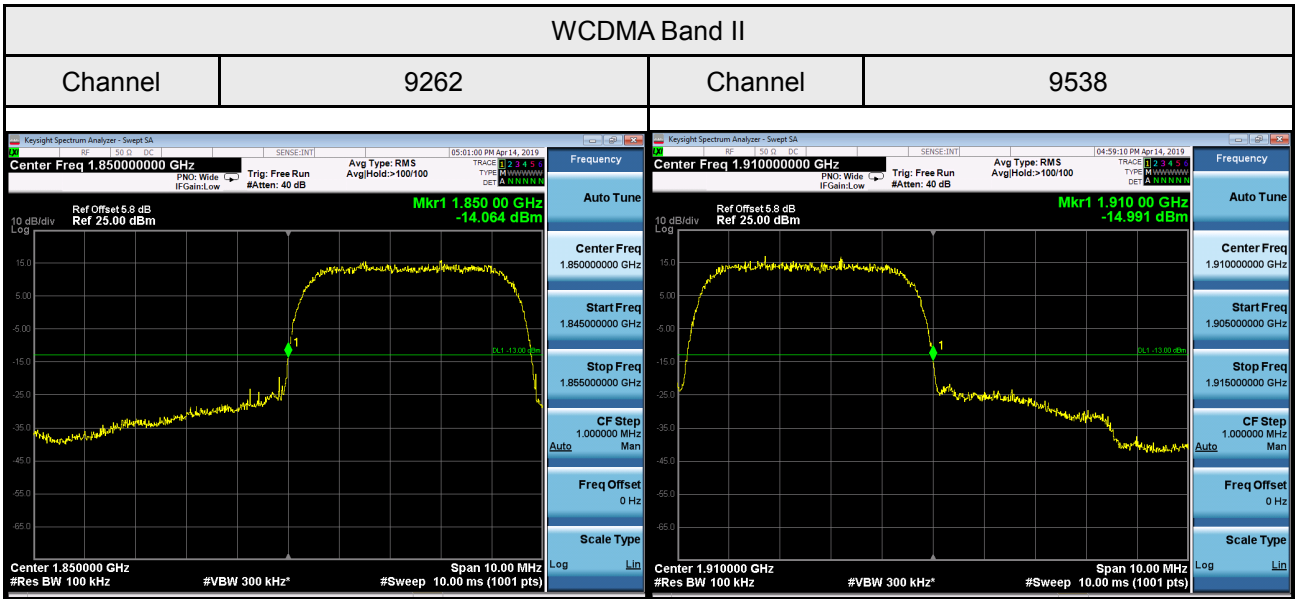
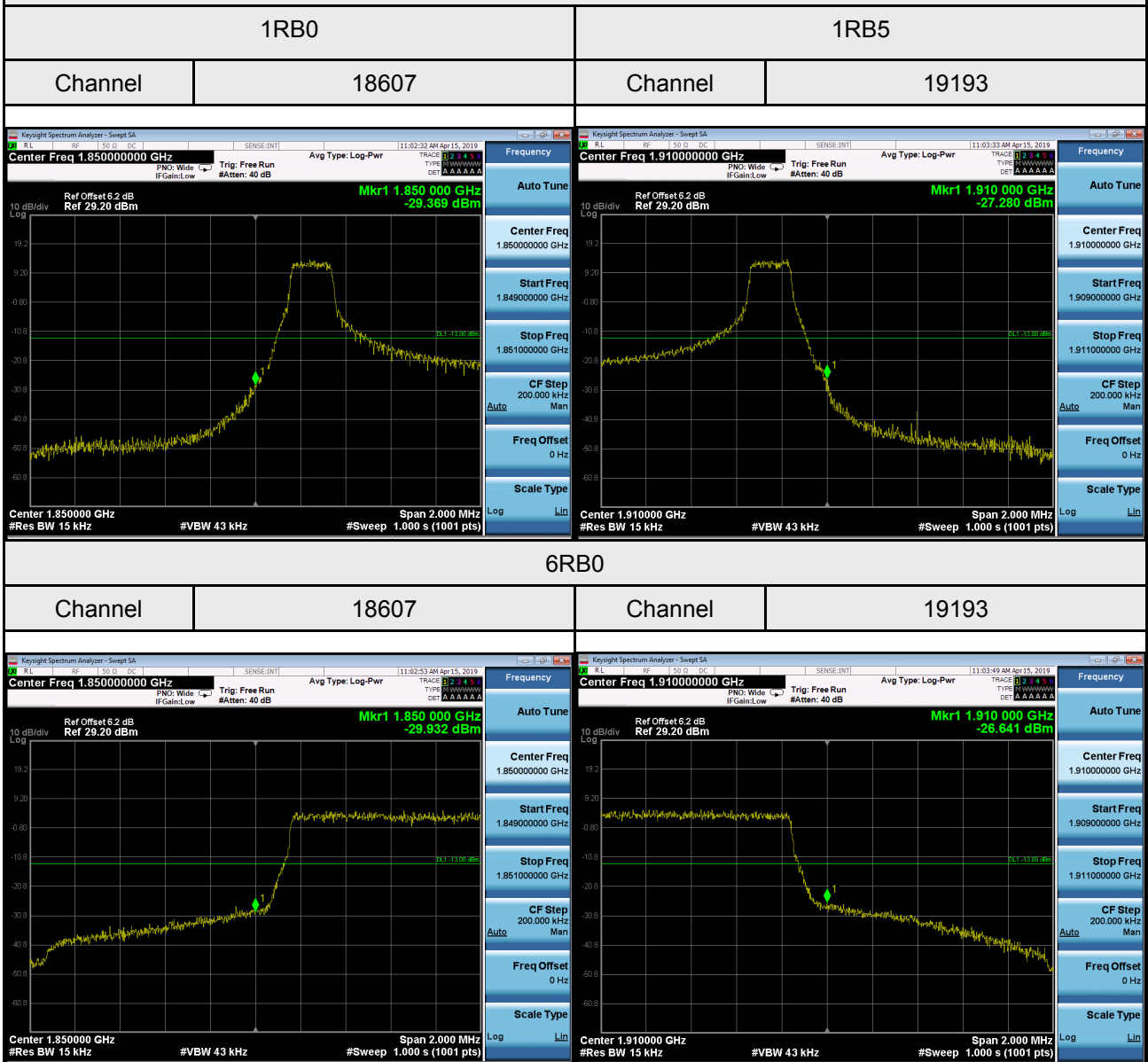


APPENDIX G - BAND EDGE

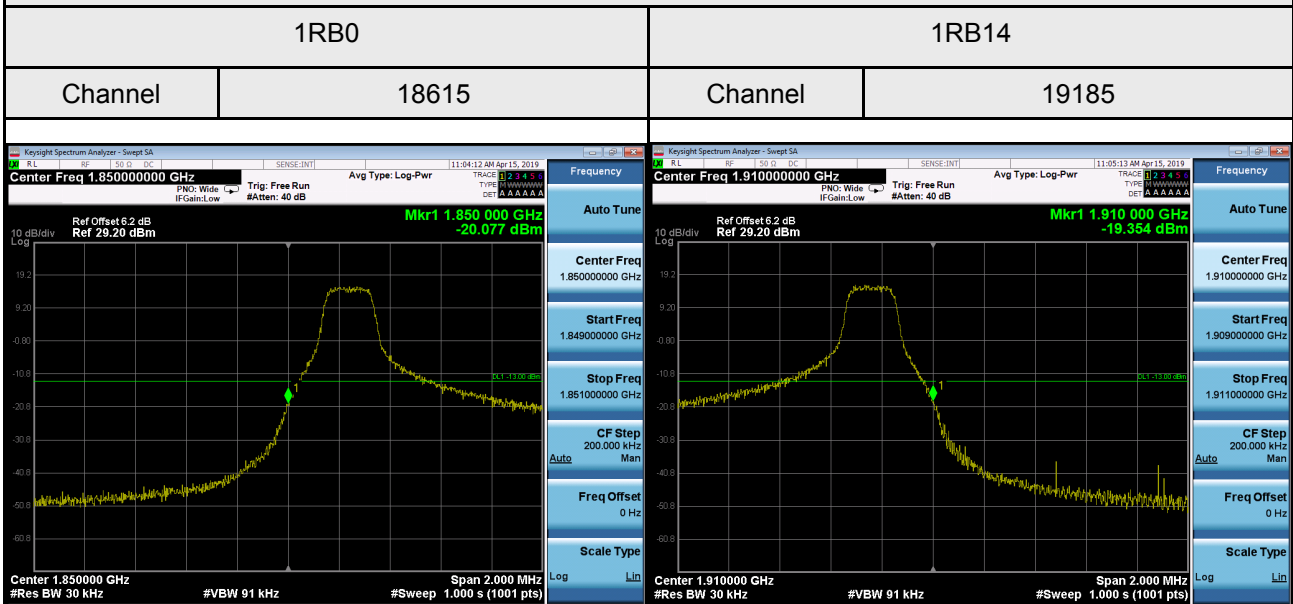




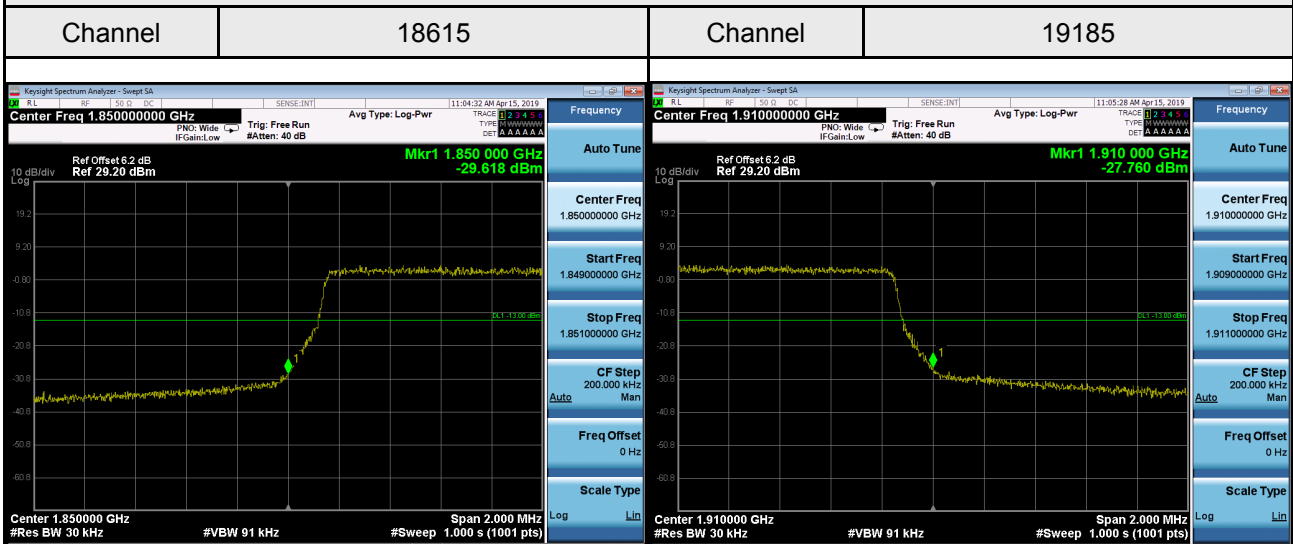
LTE Band 2_1.4M

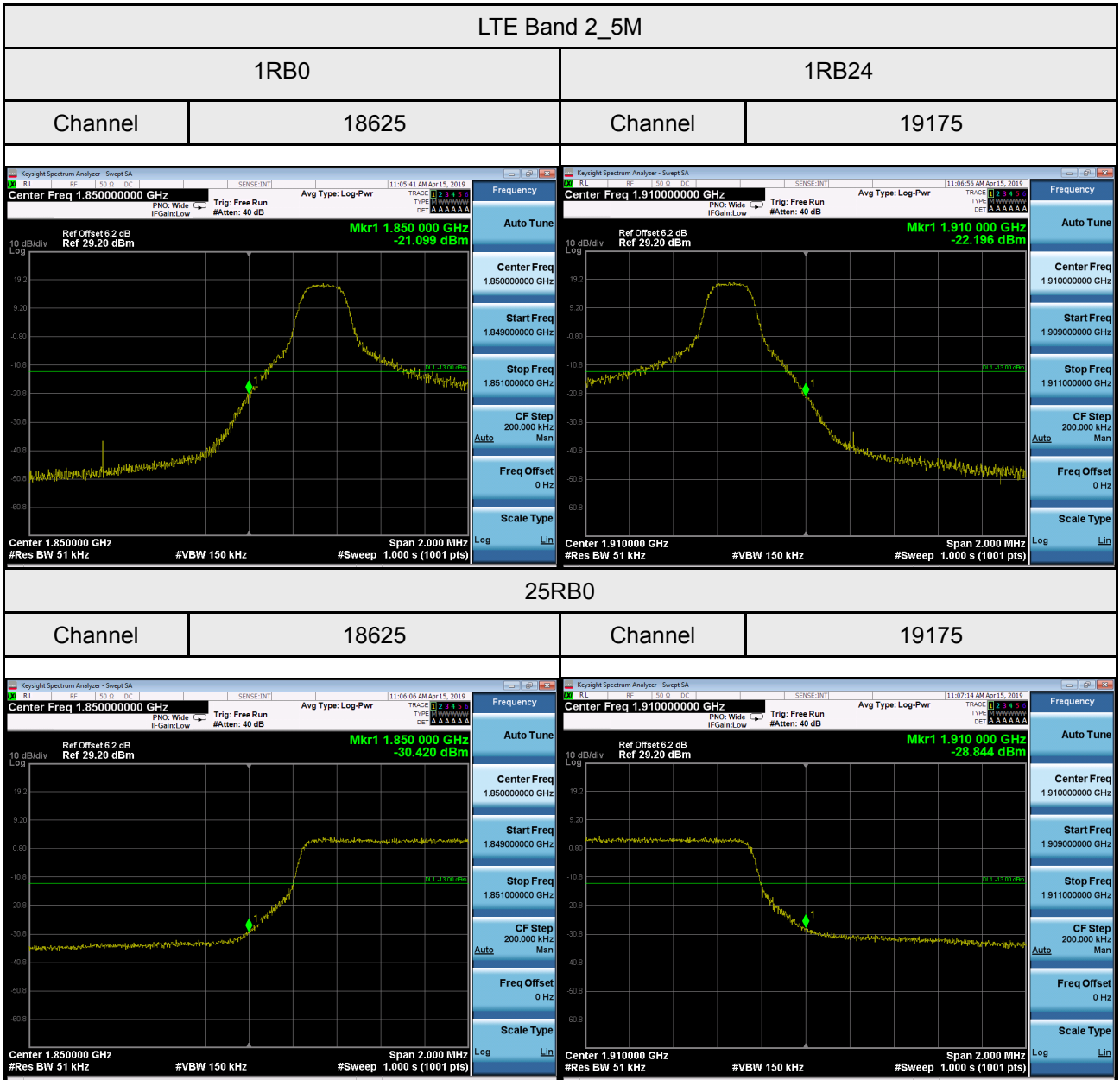


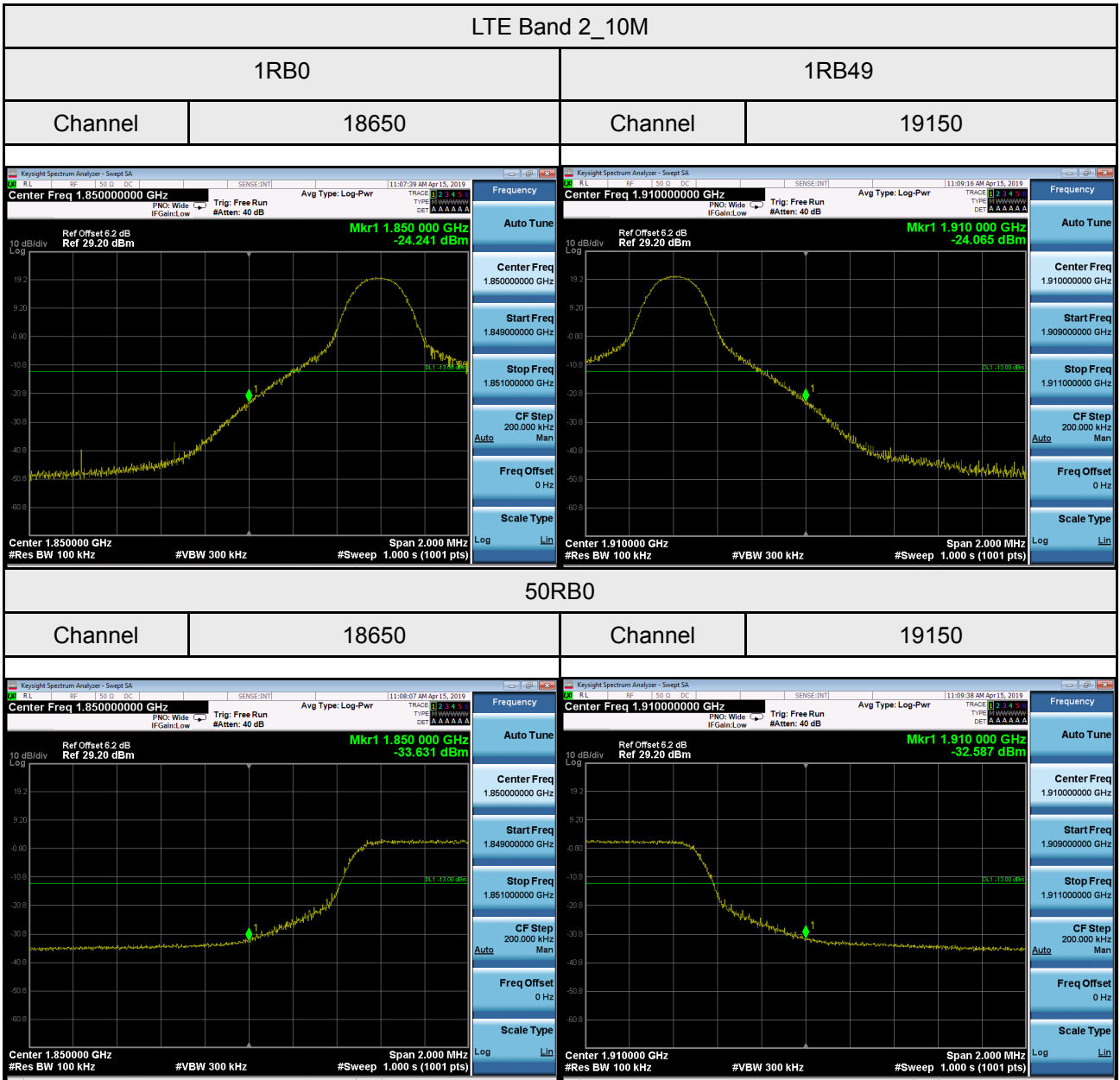
LTE Band 2_3M

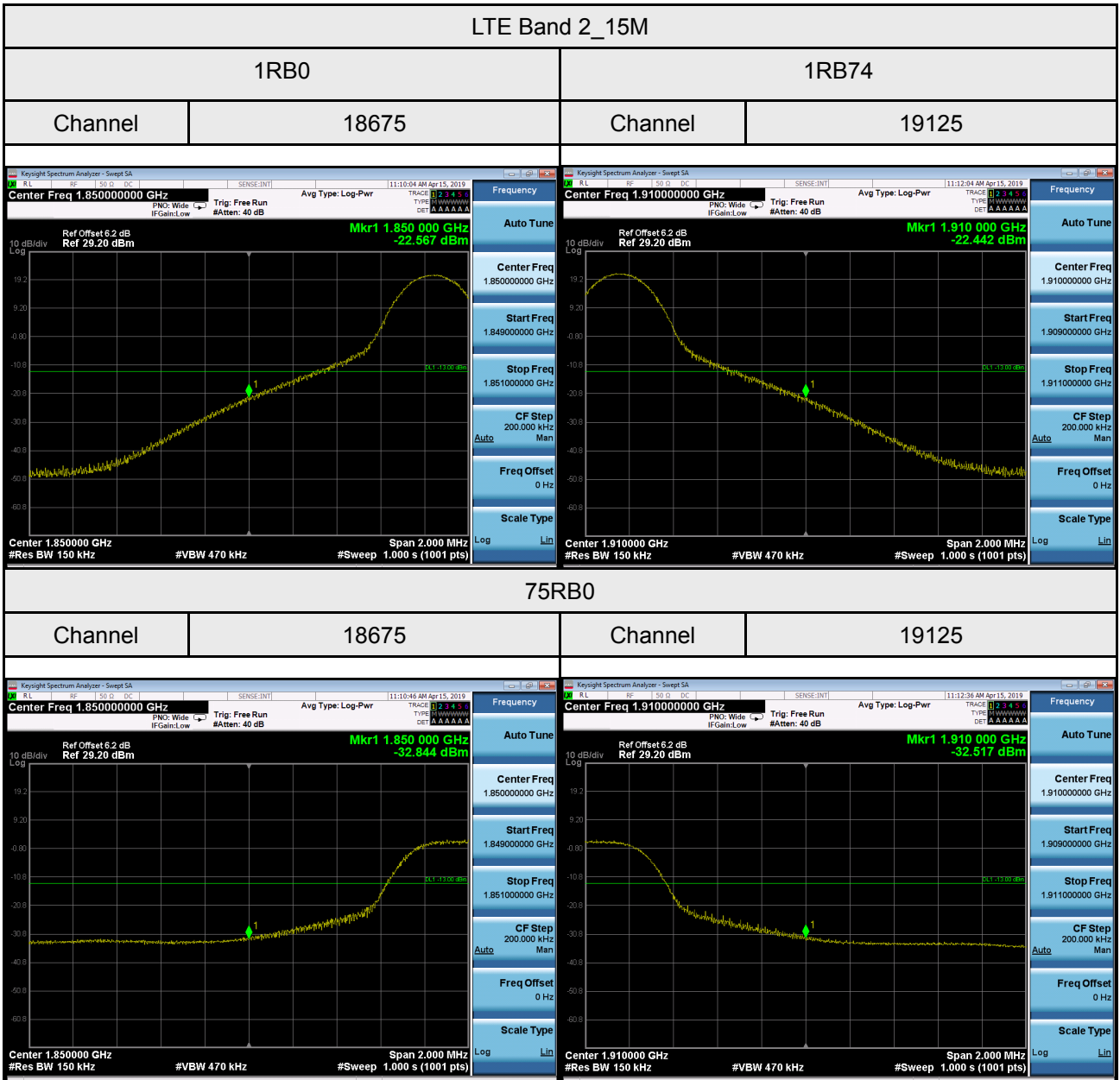


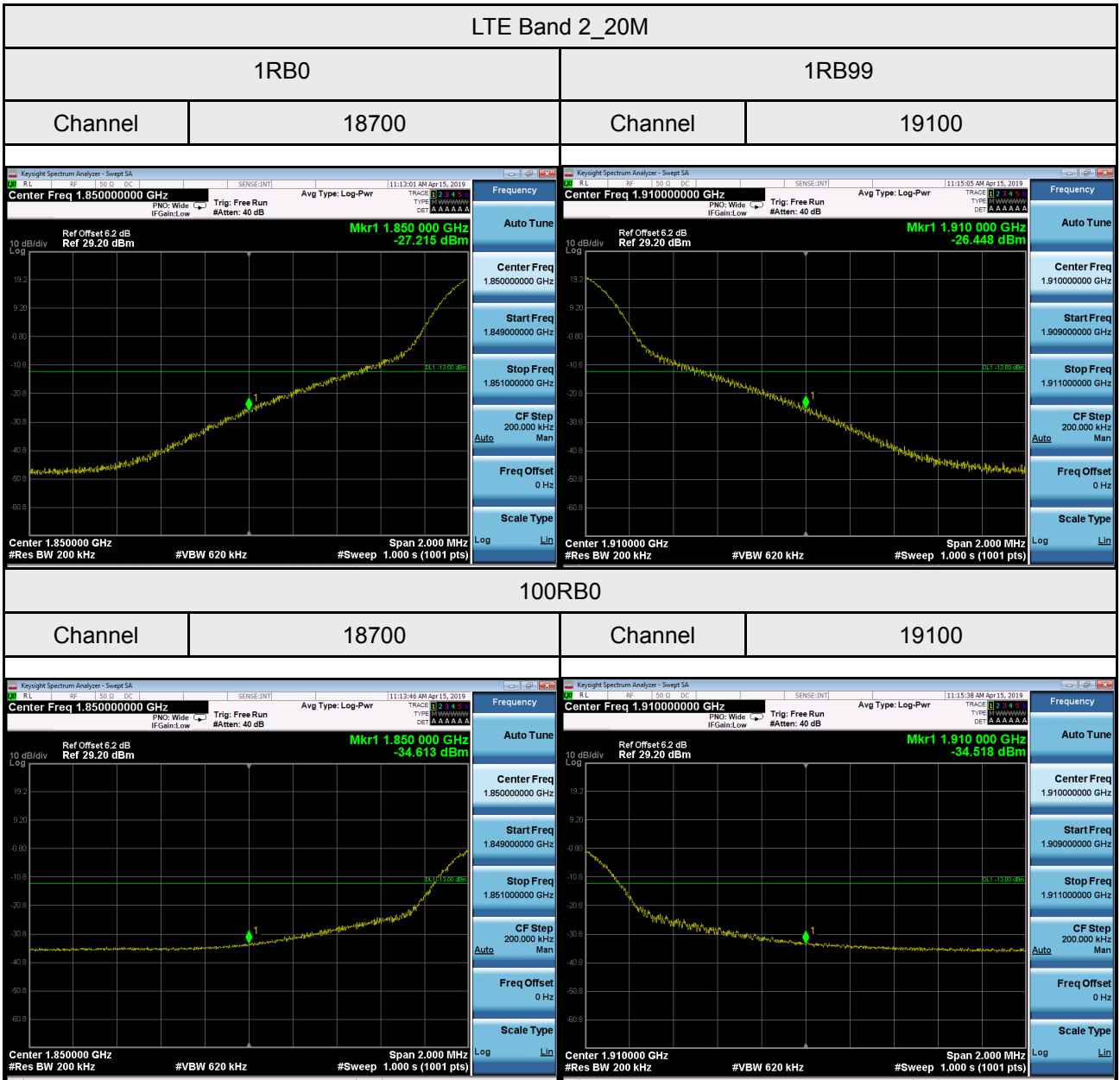
15RB0





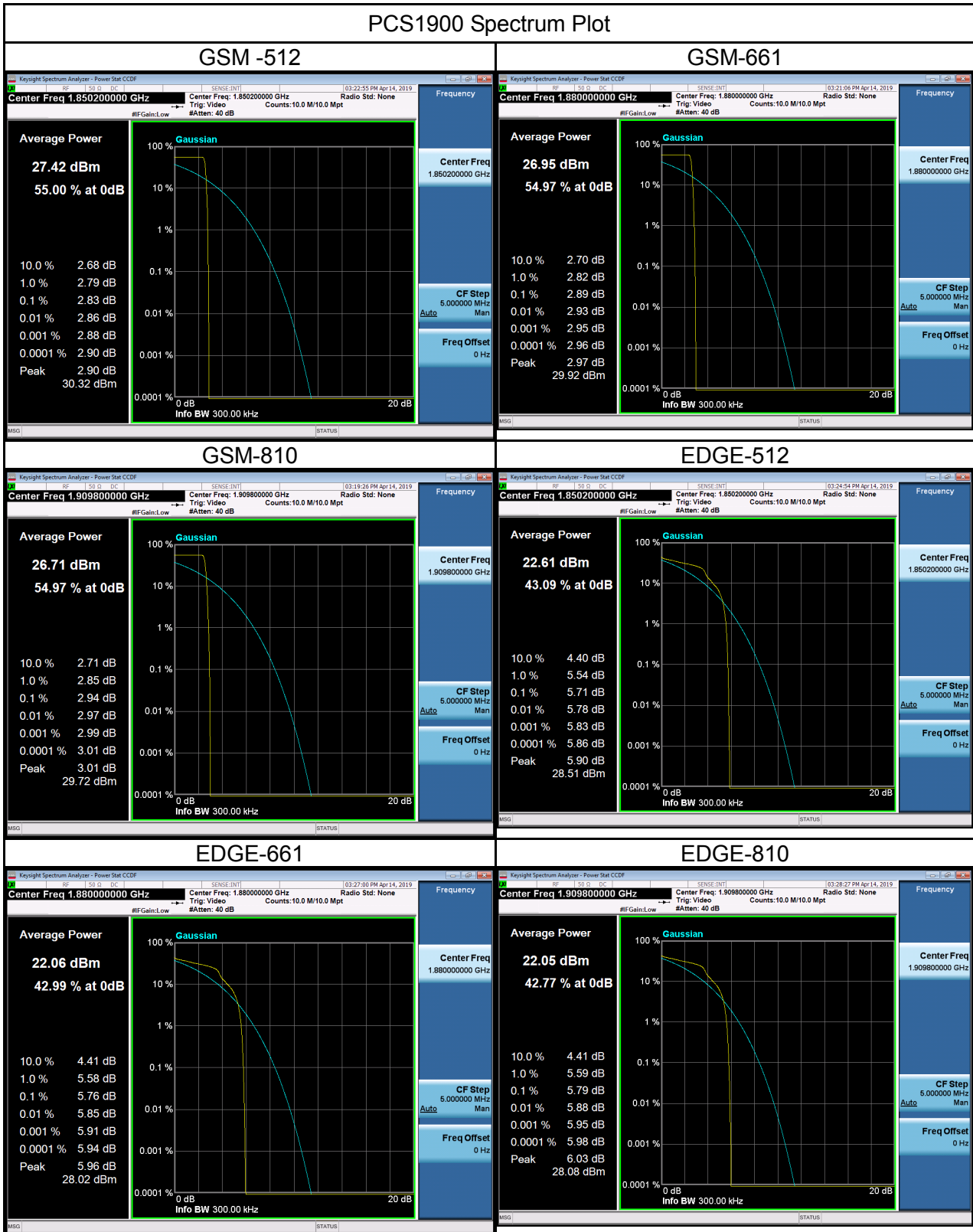




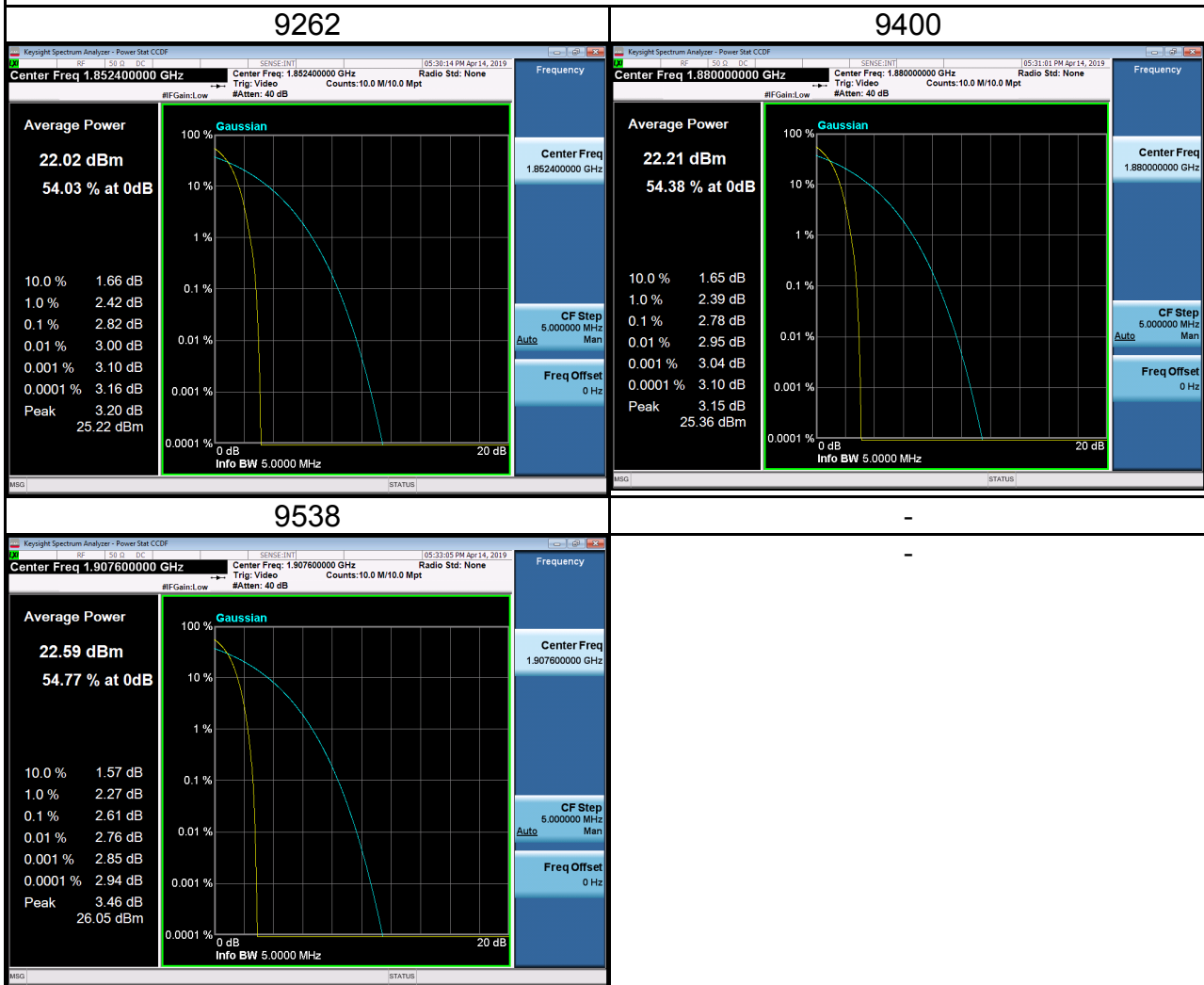


APPENDIX H - PEAK TO AVERAGE RATIO

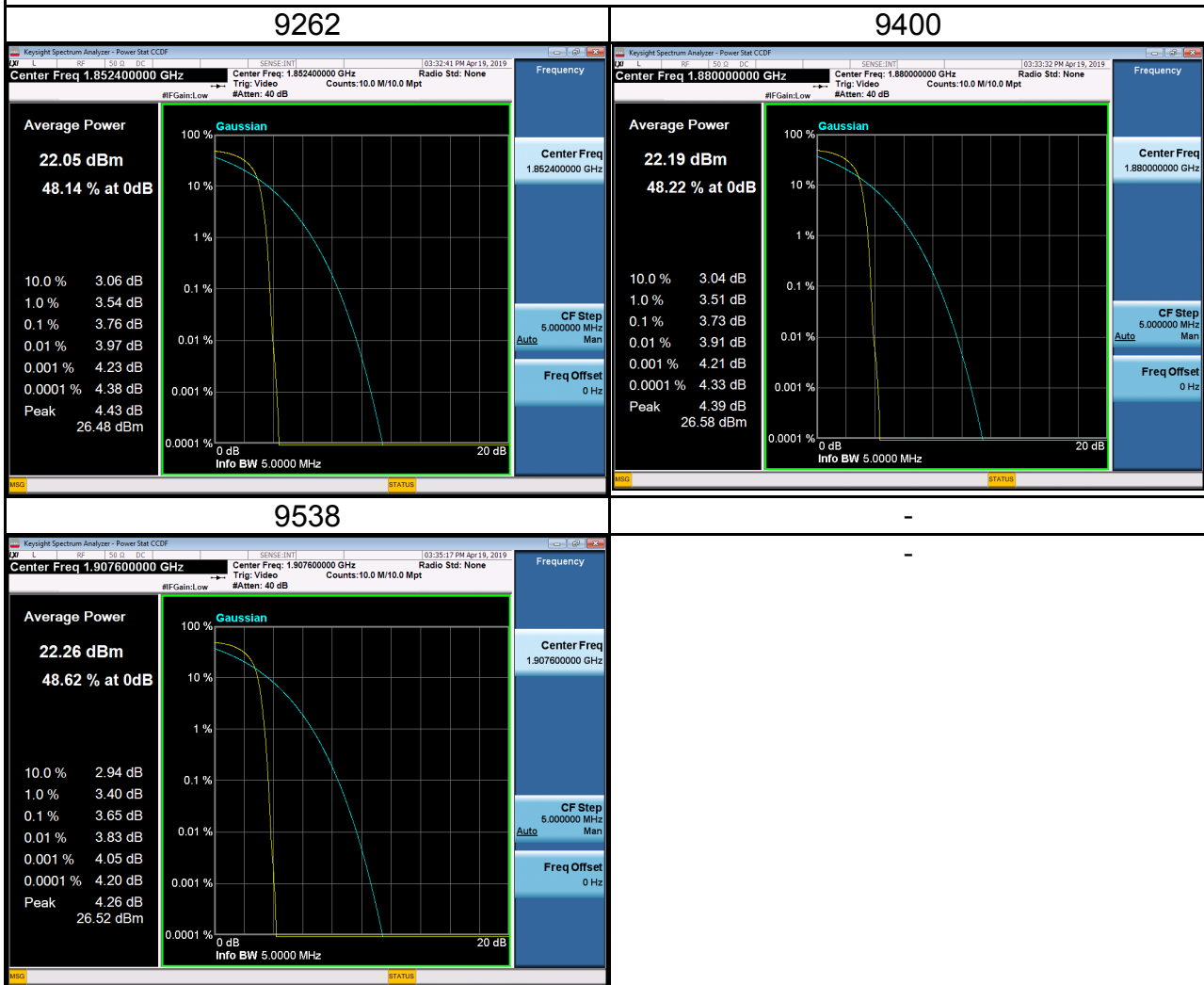
PCS1900 Spectrum Plot



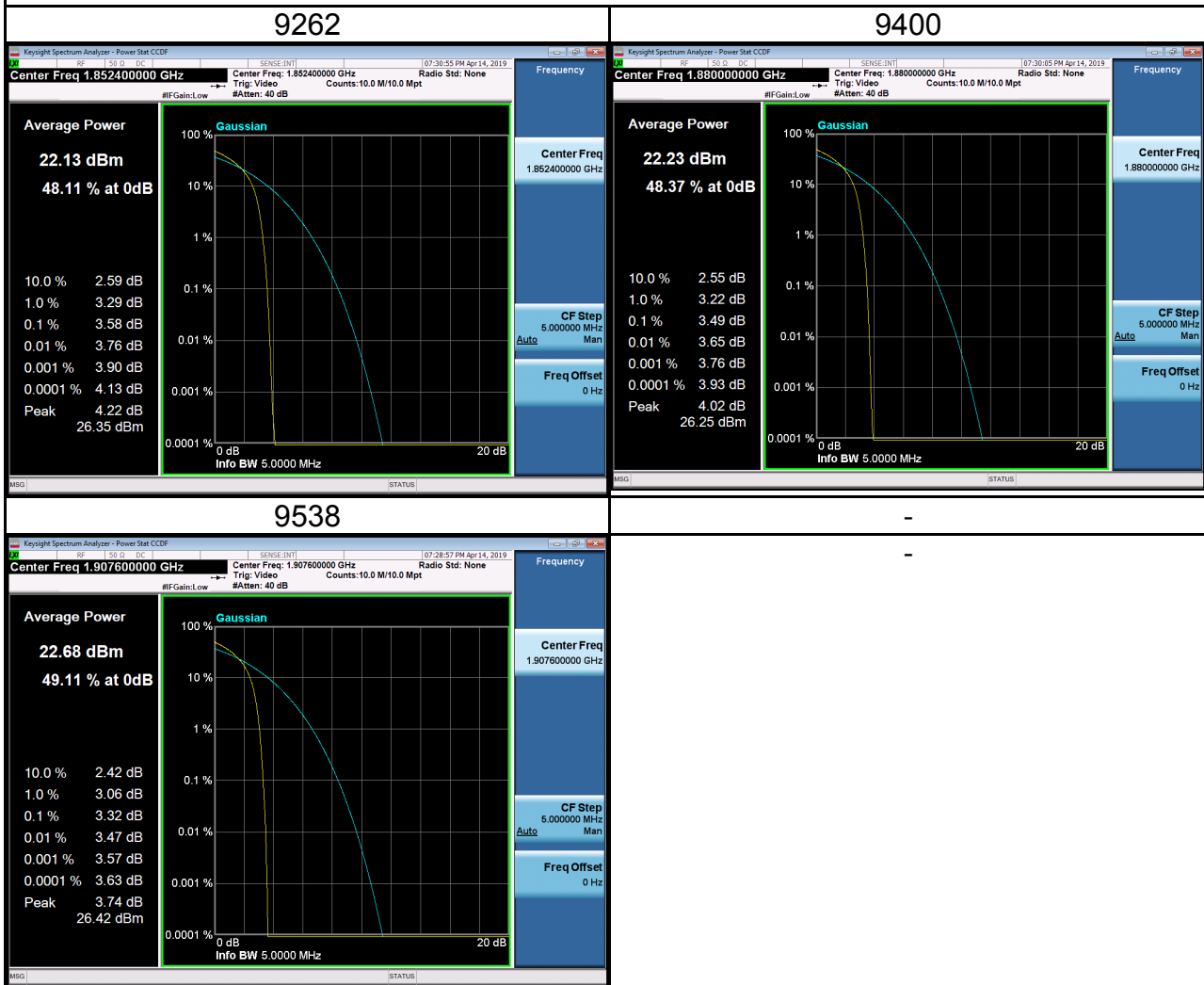
WCDMA Band II Spectrum Plot



WCDMA_HSDPA Band II Spectrum Plot



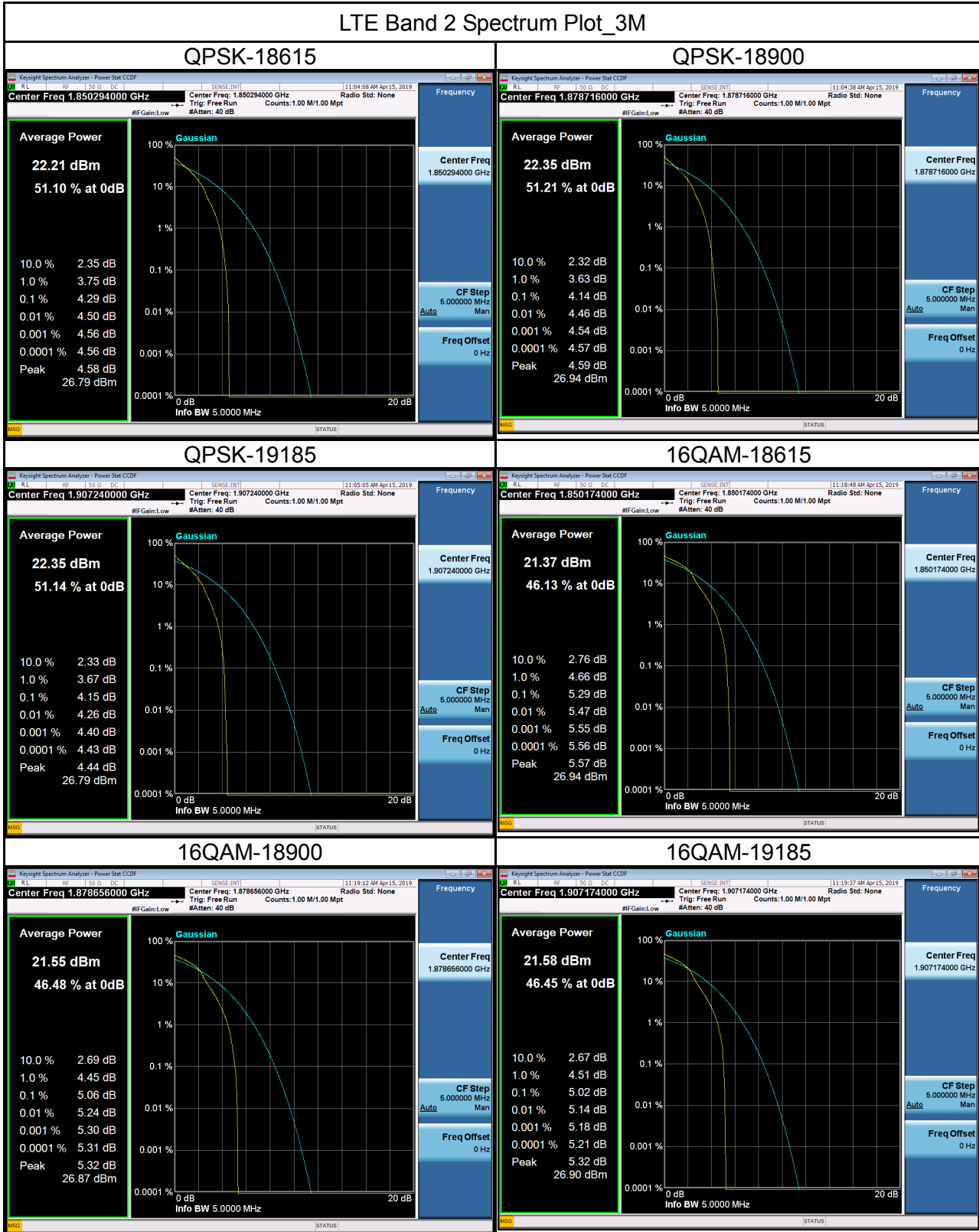
WCDMA_HSUPA Band II Spectrum Plot



LTE Band 2 Spectrum Plot_1.4M



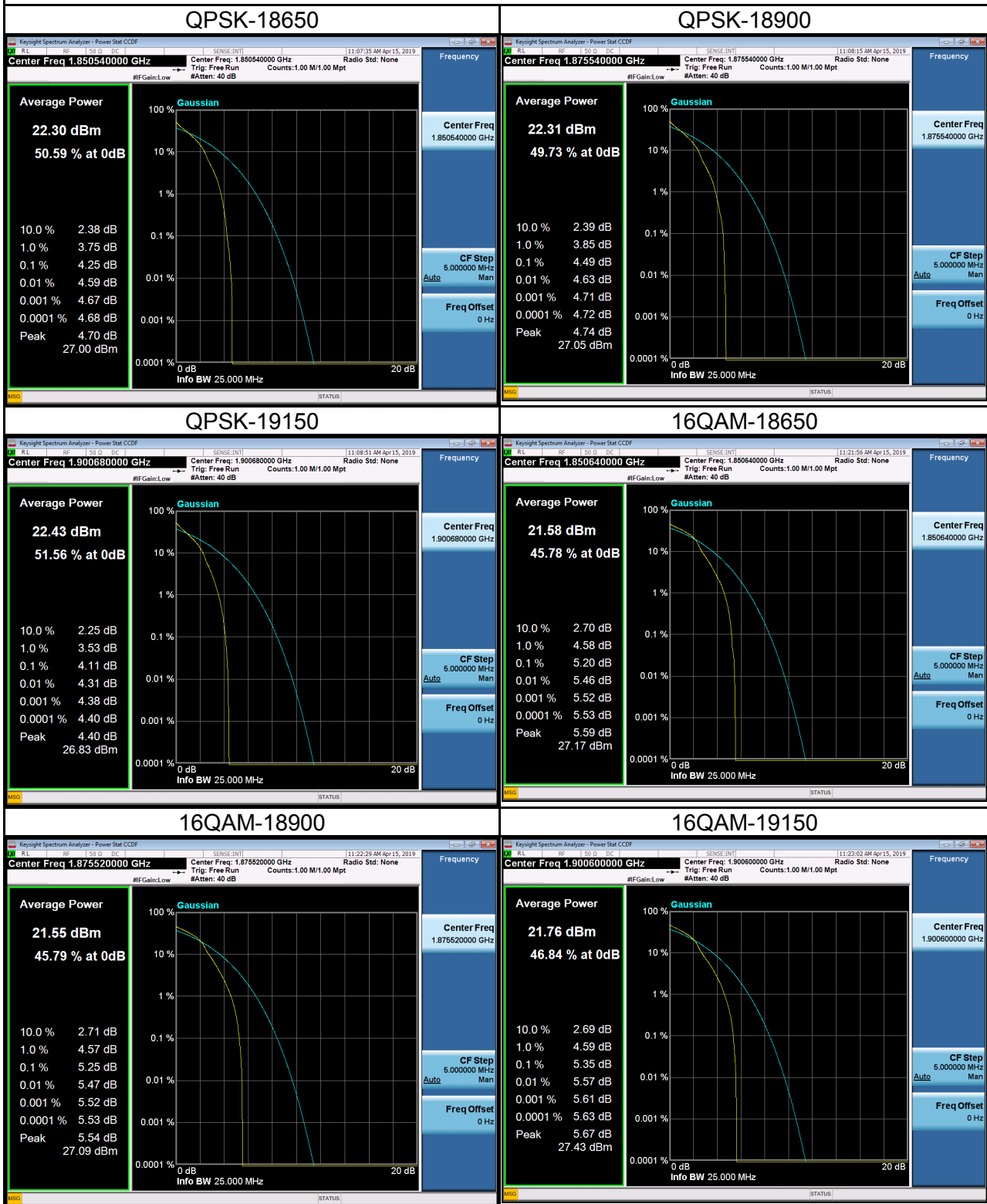
LTE Band 2 Spectrum Plot_3M



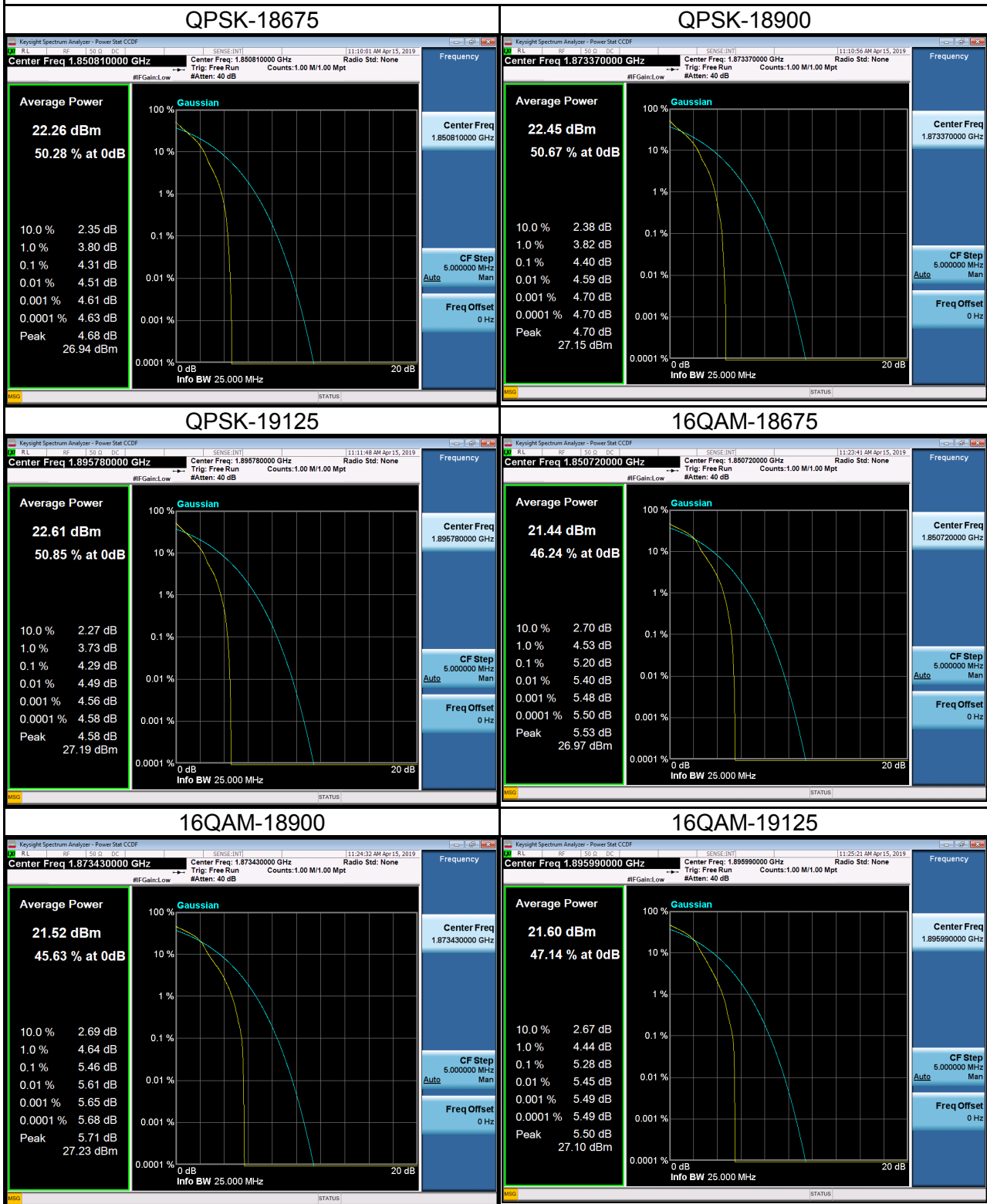
LTE Band 2 Spectrum Plot_5M



LTE Band 2 Spectrum Plot_10M



LTE Band 2 Spectrum Plot_15M



LTE Band 2 Spectrum Plot_20M



APPENDIX I - FREQUENCY STABILITY

Test Mode:	PCS1900_CH661
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	4.56	0.002425532	±2.5
-20	5.22	0.002776596	
-10	6.83	0.003632979	
0	6.12	0.003255319	
10	4.76	0.002531915	
20	5.97	0.003175532	
30	6.7	0.00356383	
40	4.76	0.002531915	
50	4.39	0.002335106	
Max. Deviation (ppm)	6.83	0.003632979	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.35	2.95	0.001569149	±2.5
3.80	2.55	0.001356383	
3.60	2.88	0.001531915	
Max. Deviation (ppm)	2.95	0.001569149	

Test Mode:	WCDMA Band II_CH9400
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	4.45	0.002367021	± 2.5
-20	6.42	0.003414894	
-10	2.33	0.001239362	
0	2.90	0.001542553	
10	2.75	0.001462766	
20	3.31	0.001760638	
30	7.00	0.003723404	
40	2.29	0.001218085	
50	3.45	0.001835106	
Max. Deviation (ppm)	7	0.003723404	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.35	1.16	0.000617021	± 2.5
3.80	2.71	0.001441489	
3.60	3.74	0.001989362	
Max. Deviation (ppm)	3.74	0.001989362	

Test Mode:	LTE Band 2_CH18900_1.4M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	5.00	0.002659574	± 2.5
-20	-4.84	-0.002574468	
-10	5.05	0.00268617	
0	-2.57	-0.001367021	
10	-0.72	-0.000382979	
20	0.24	0.00012766	
30	1.85	0.000984043	
40	-2.27	-0.001207447	
50	5.09	0.002707447	
Max. Deviation (ppm)	5.09	0.002707447	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.35	4.23	0.00225	± 2.5
3.80	-1.38	-0.000734043	
3.60	5.70	0.003031915	
Max. Deviation (ppm)	5.7	0.003031915	

Test Mode:	LTE Band 2_CH18900_3M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	3.46	0.001840426	± 2.5
-20	-6.39	-0.003398936	
-10	-4.72	-0.002510638	
0	-4.32	-0.002297872	
10	4.00	0.00212766	
20	3.16	0.001680851	
30	-3.14	-0.001670213	
40	-5.64	-0.003	
50	4.75	0.002526596	
Max. Deviation (ppm)	-6.39	-0.003398936	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.35	-4.48	-0.002382979	± 2.5
3.80	-6.65	-0.003537234	
3.60	3.63	0.001930851	
Max. Deviation (ppm)	-6.65	-0.003537234	

Test Mode:	LTE Band 2_CH18900_5M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	2.98	0.001585106	± 2.5
-20	4.19	0.002228723	
-10	-6.37	-0.003388298	
0	-4.10	-0.002180851	
10	1.95	0.001037234	
20	-9.13	-0.004856383	
30	-2.57	-0.001367021	
40	4.92	0.002617021	
50	1.67	0.000888298	
Max. Deviation (ppm)	-9.13	-0.004856383	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.35	2.59	0.00137766	± 2.5
3.80	-4.96	-0.002638298	
3.60	-1.47	-0.000781915	
Max. Deviation (ppm)	-4.96	-0.002638298	

Test Mode:	LTE Band 2_CH18900_10M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	4.03	0.002143617	± 2.5
-20	-2.05	-0.001090426	
-10	-3.03	-0.001611702	
0	-2.09	-0.001111702	
10	2.13	0.001132979	
20	3.69	0.001962766	
30	4.28	0.002276596	
40	4.60	0.002446809	
50	4.29	0.002281915	
Max. Deviation (ppm)	4.6	0.002446809	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.35	3.14	0.001670213	± 2.5
3.80	4.22	0.002244681	
3.60	4.59	0.002441489	
Max. Deviation (ppm)	4.59	0.002441489	

Test Mode:	LTE Band 2_CH18900_15M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	2.25	0.001196809	± 2.5
-20	6.06	0.003223404	
-10	4.14	0.002202128	
0	-1.74	-0.000925532	
10	-3.92	-0.002085106	
20	6.37	0.003388298	
30	4.84	0.002574468	
40	1.86	0.000989362	
50	6.01	0.003196809	
Max. Deviation (ppm)	6.37	0.003388298	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.35	1.55	0.000824468	± 2.5
3.80	-1.70	-0.000904255	
3.60	6.12	0.003255319	
Max. Deviation (ppm)	6.12	0.003255319	

Test Mode:	LTE Band 2_CH18900_20M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	4.24	0.002255319	± 2.5
-20	3.58	0.001904255	
-10	-2.46	-0.001308511	
0	-1.30	-0.000691489	
10	7.53	0.004005319	
20	3.23	0.001718085	
30	6.20	0.003297872	
40	-2.60	-0.001382979	
50	6.10	0.003244681	
Max. Deviation (ppm)	7.53	0.004005319	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.35	5.94	0.003159574	± 2.5
3.80	3.22	0.001712766	
3.60	-2.18	-0.001159574	
Max. Deviation (ppm)	5.94	0.003159574	

End of Test Report