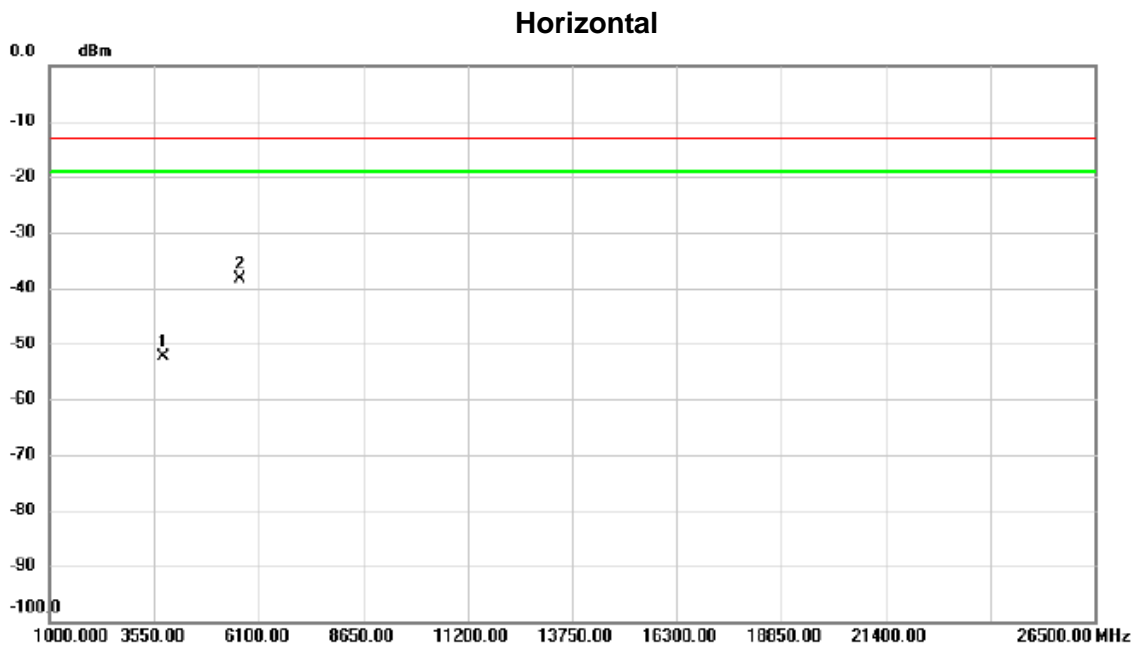


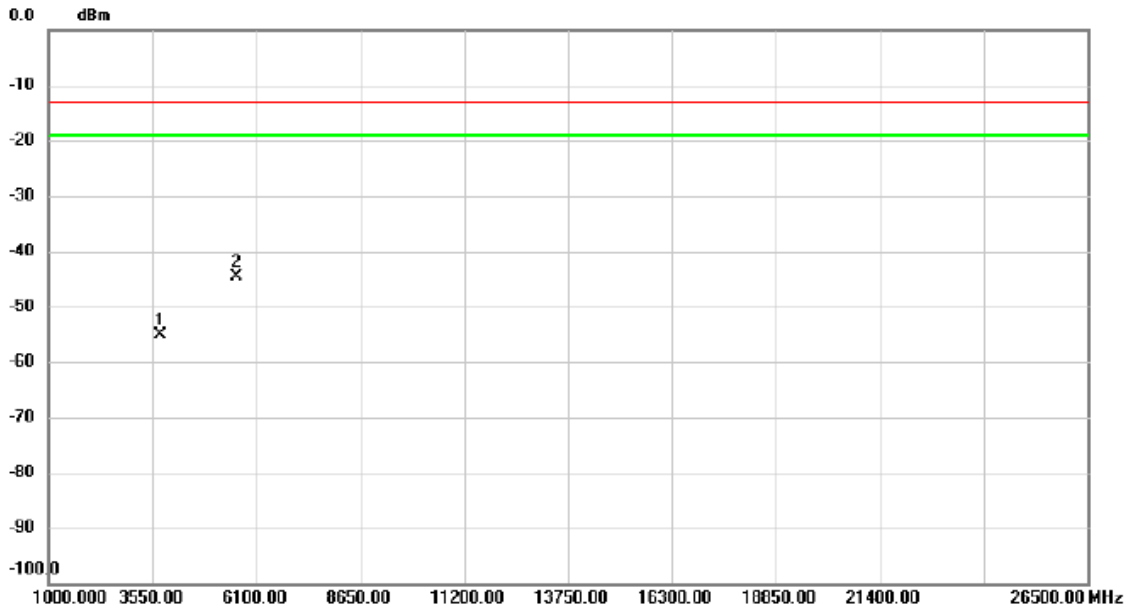
Test Mode: LTE Band 2_ TX CH18900_5M



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		3755.727	-39.70	-12.61	-52.31	-13.00	-39.31	peak	
2	*	5633.484	-31.07	-7.32	-38.39	-13.00	-25.39	peak	

Test Mode: LTE Band 2_TX CH18900_20M

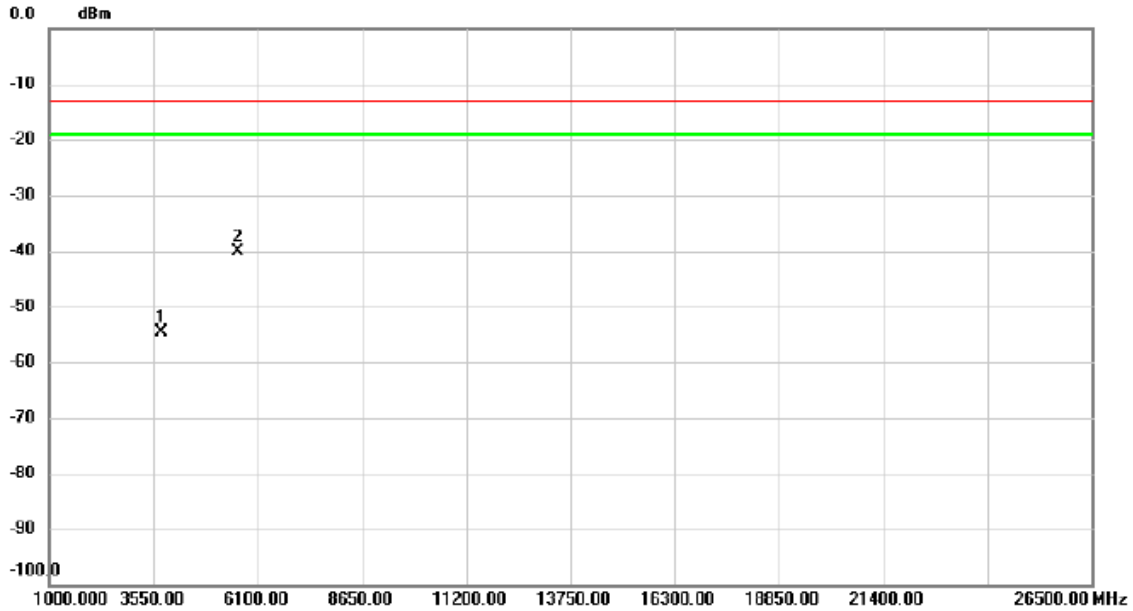
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		3742.100	-42.48	-12.65	-55.13	-13.00	-42.13	peak	
2	*	5613.800	-37.28	-7.36	-44.64	-13.00	-31.64	peak	

Test Mode: LTE Band 2_TX CH18900_20M

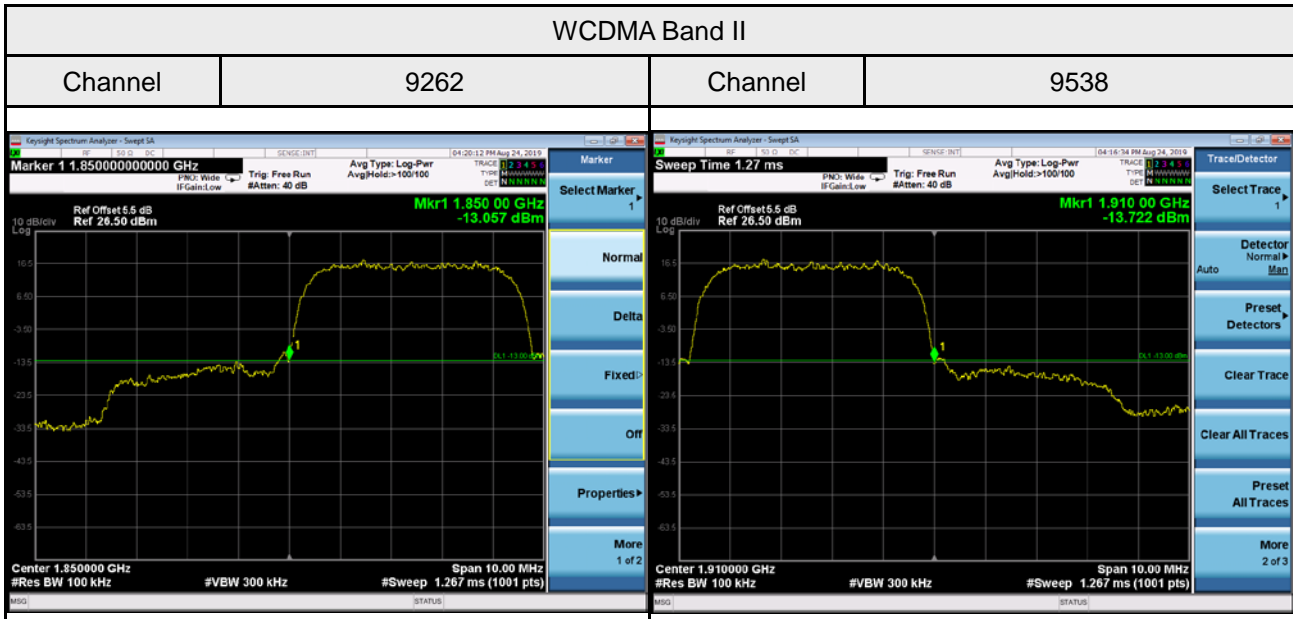
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		3742.950	-41.91	-12.65	-54.56	-13.00	-41.56	peak	
2	*	5612.950	-32.70	-7.36	-40.06	-13.00	-27.06	peak	

APPENDIX G - BAND EDGE

WCDMA Band II



LTE Band 2_1.4M

1RB#0

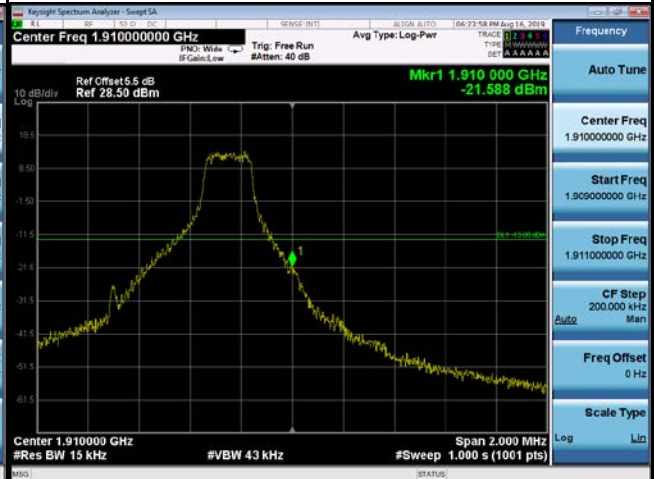
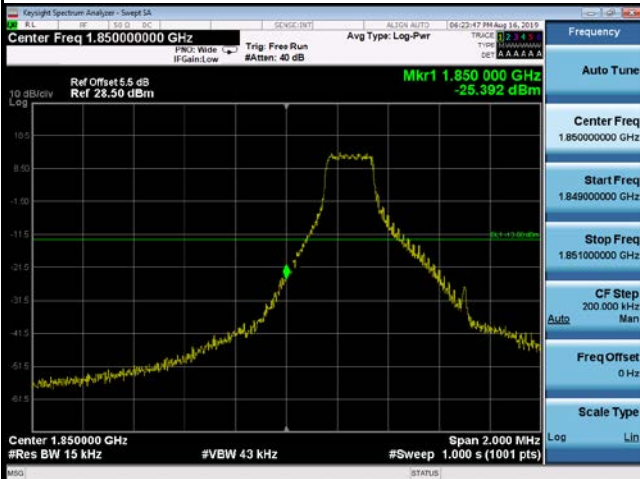
1RB#5

Channel

18607

Channel

19193



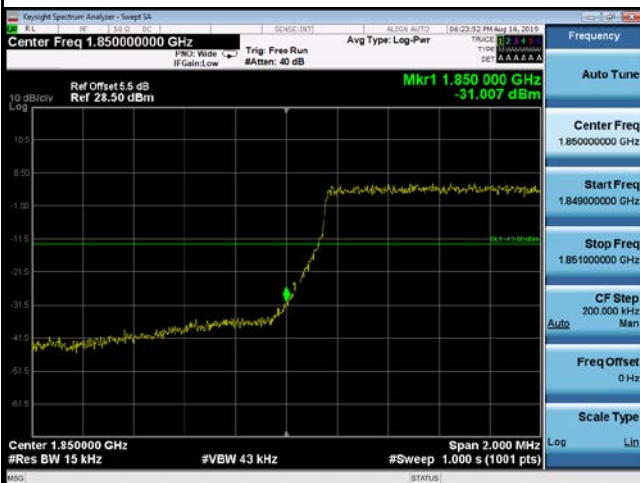
6RB#0

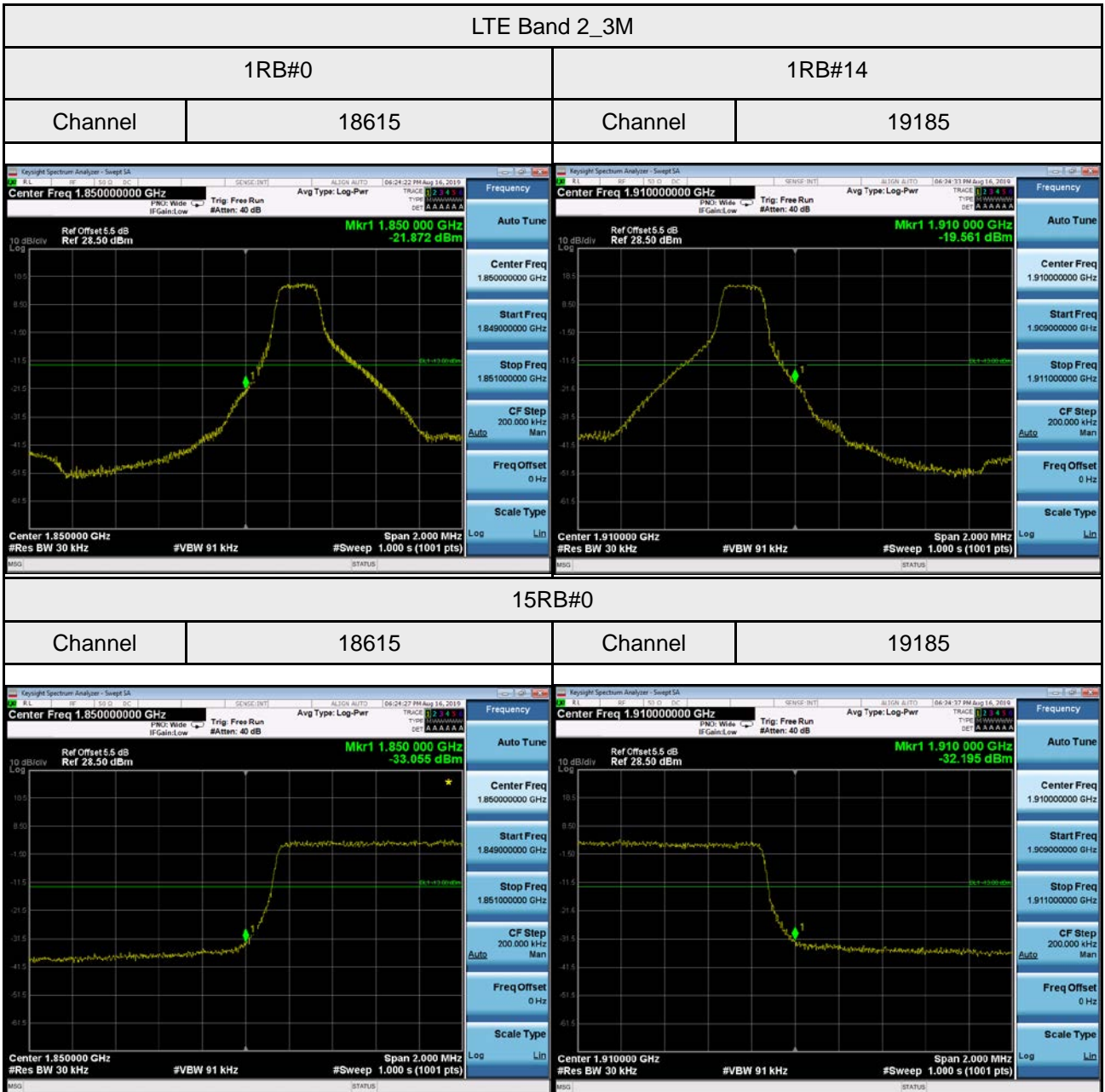
Channel

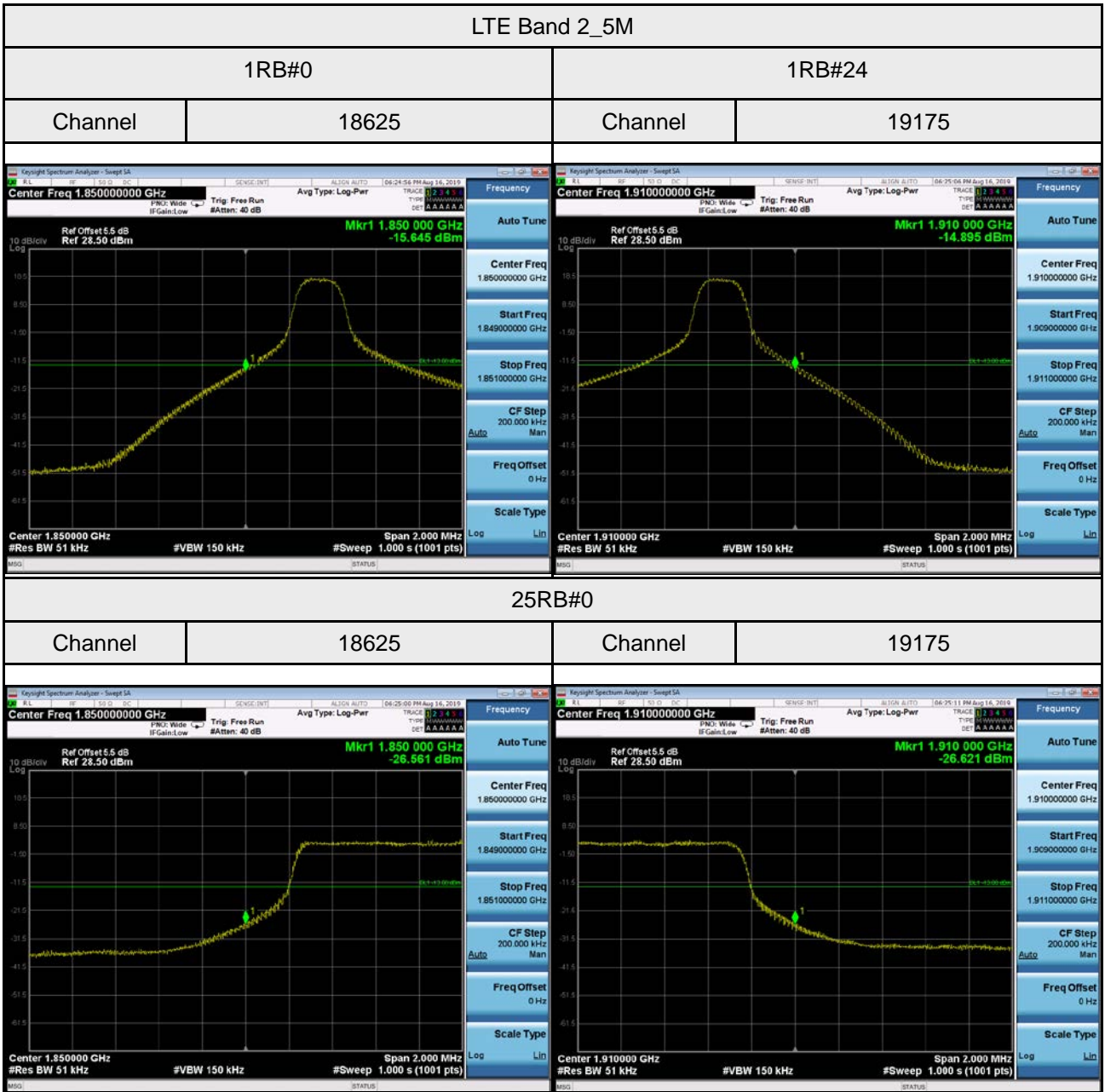
18607

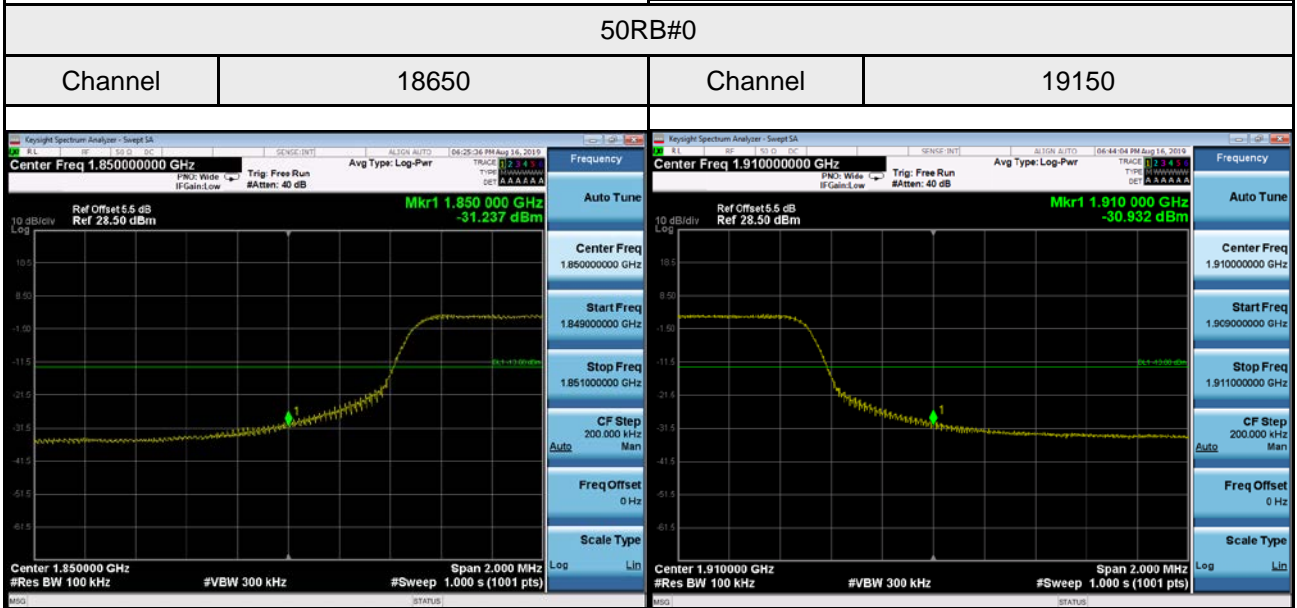
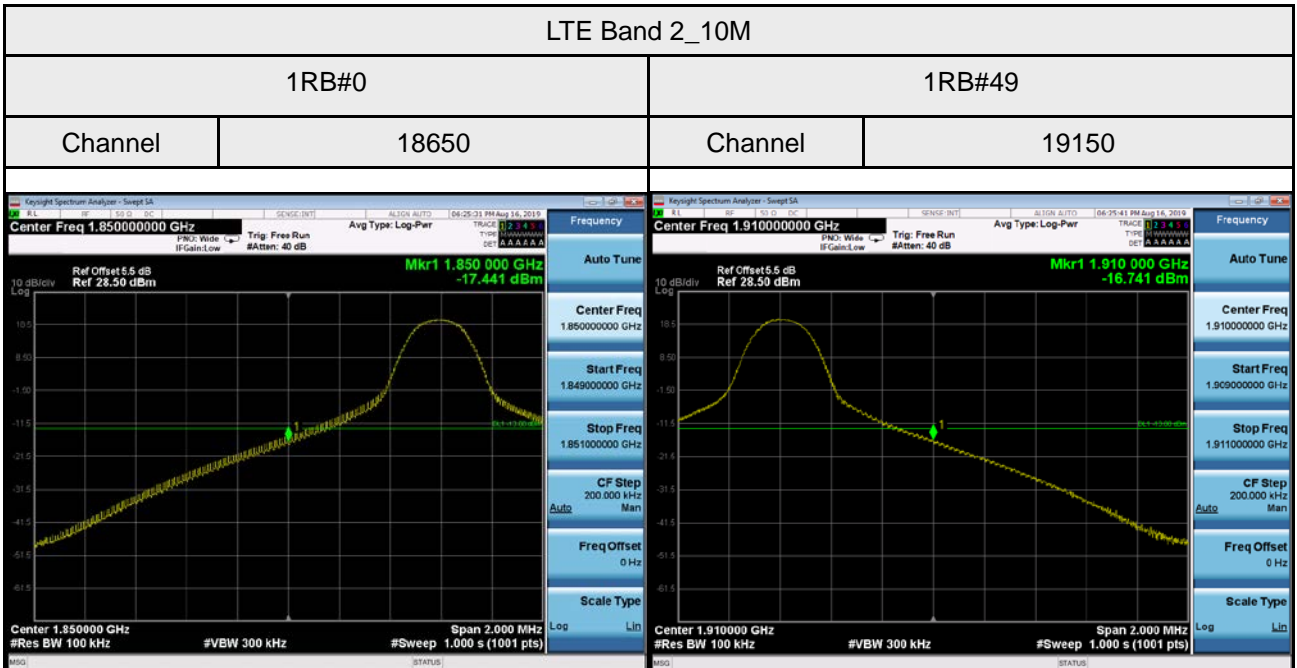
Channel

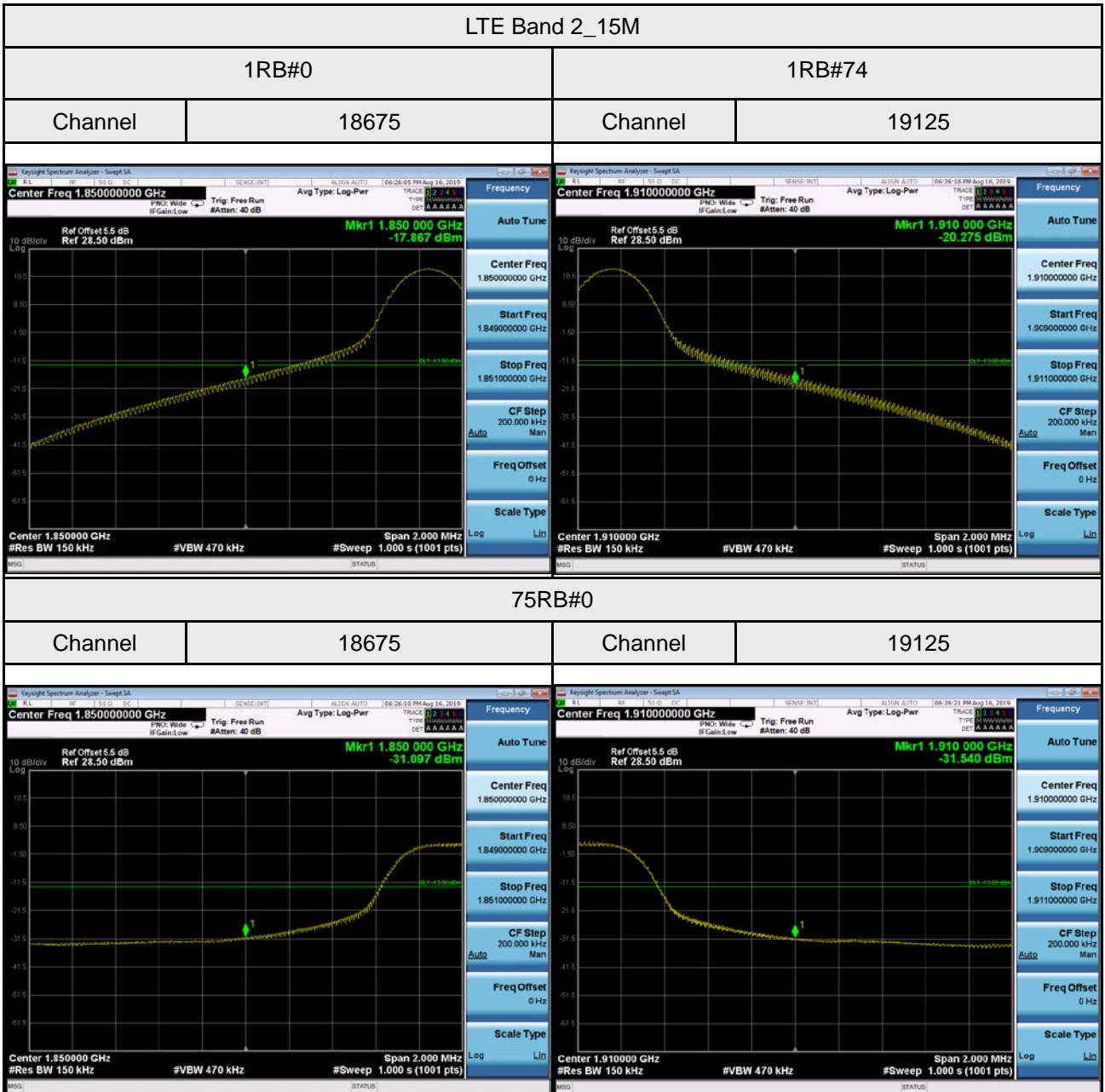
19193

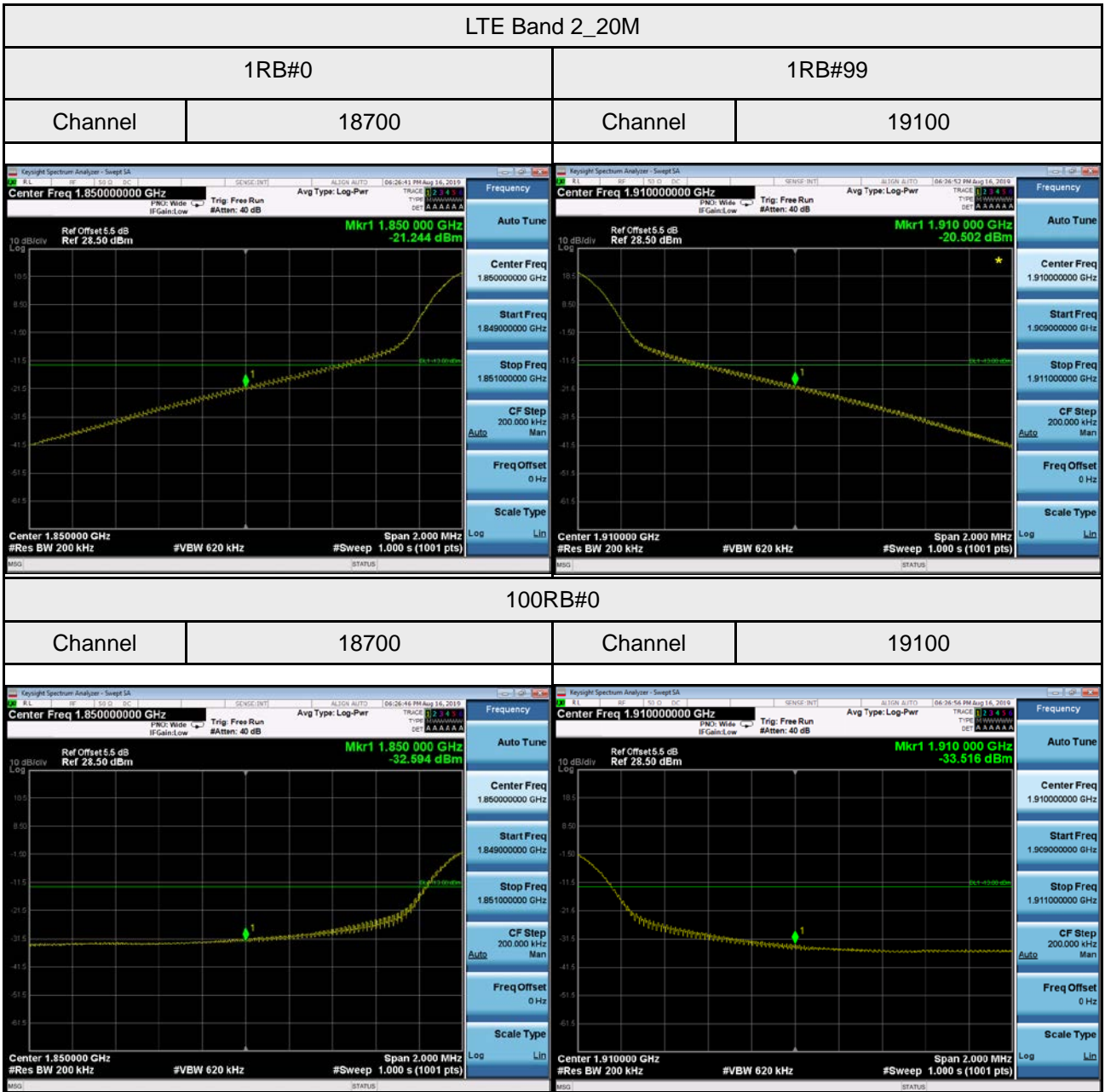






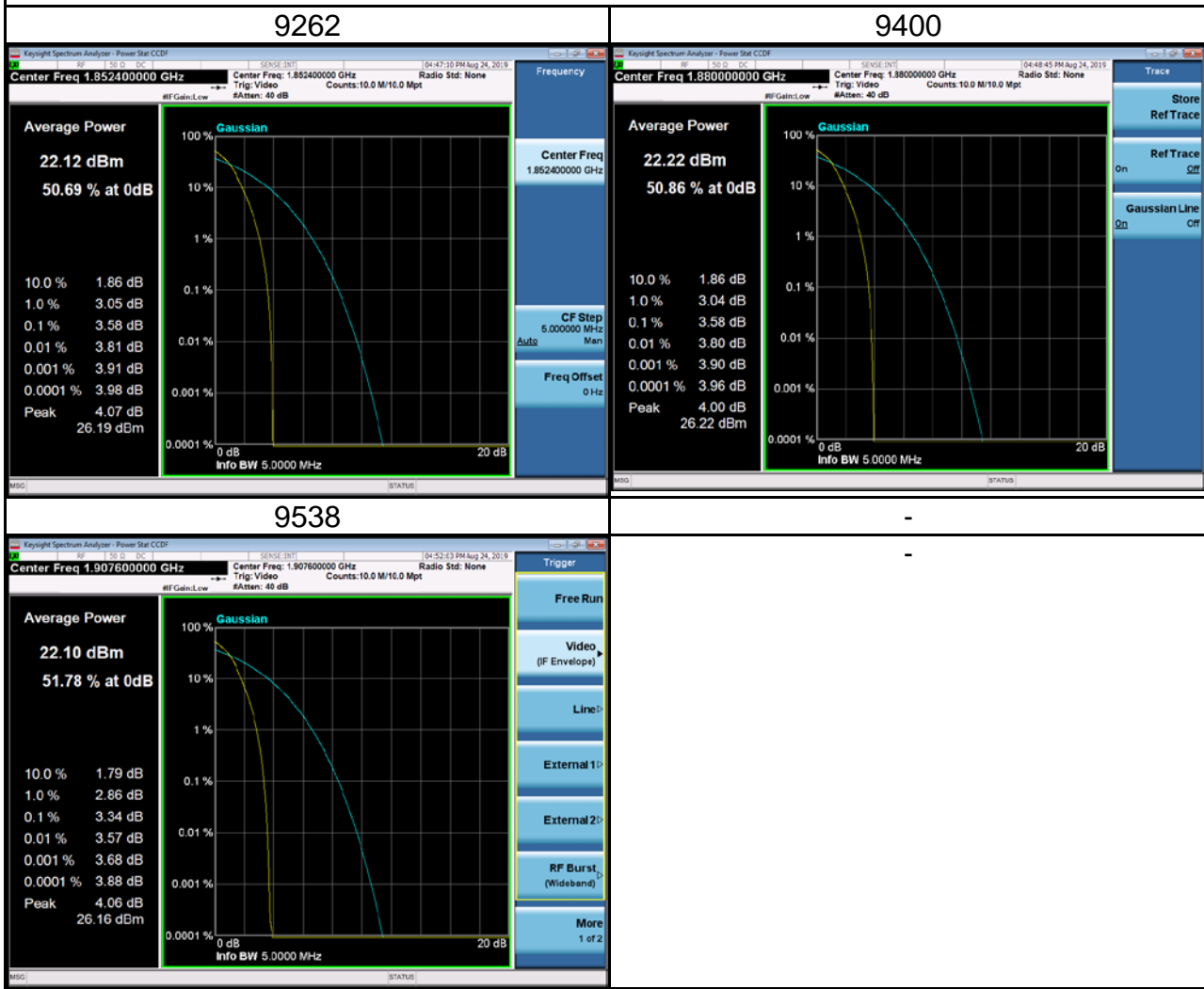






APPENDIX H - PEAK TO AVERAGE RATIO

WCDMA Band II Spectrum Plot



LTE Band 2 Spectrum Plot_1.4M



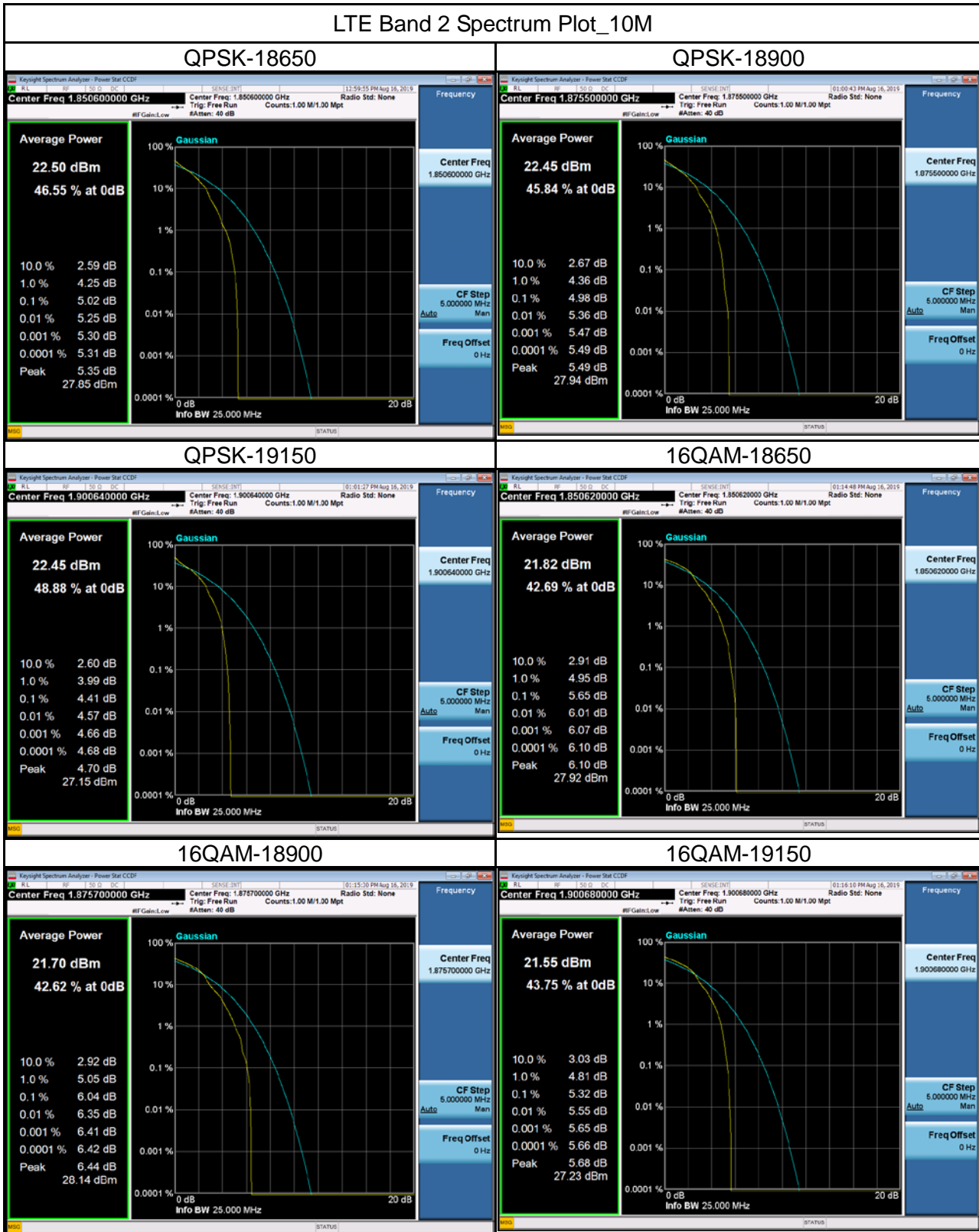
LTE Band 2 Spectrum Plot_3M



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: WCDMA Band II_CH9400

Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
0	3.13	0.001664894	±2.5
10	3.01	0.001601064	
20	1.89	0.001005319	
30	5.39	0.002867021	
40	2.63	0.001398936	
50	1.16	0.000617021	
Max. Deviation (ppm)	5.39	0.002867021	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	0.87	0.000462766	±2.5
4.0	2.31	0.001228723	
4.2	4.62	0.002457447	
Max. Deviation (ppm)	4.62	0.002457447	

Test Mode: LTE Band 2_CH18900_1.4M

Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
0	4.86	0.002585106	±2.5
10	-3.15	-0.001675532	
20	-1.68	-0.000893617	
30	0.87	0.000462766	
40	2.65	0.001409574	
50	-2.12	-0.00112766	
Max. Deviation (ppm)	4.86	0.002585106	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	-2.27	-0.001207447	±2.5
4.0	4.21	0.002239362	
4.2	3.38	0.001797872	
Max. Deviation (ppm)	4.21	0.002239362	

Test Mode: LTE Band 2_CH18900_3M

Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
0	4.64	0.002468085	±2.5
10	3.18	0.001691489	
20	-0.64	-0.000340426	
30	1.56	0.000829787	
40	-3.21	-0.001707447	
50	-2.16	-0.001148936	
Max. Deviation (ppm)	4.64	0.002468085	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	4.16	0.002212766	±2.5
4.0	3.22	0.001712766	
4.2	-4.51	-0.002398936	
Max. Deviation (ppm)	-4.51	-0.002398936	

Test Mode: LTE Band 2_CH18900_5M

Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
0	-3.51	-0.001867021	±2.5
10	-3.90	-0.002074468	
20	2.35	0.00125	
30	-2.18	-0.001159574	
40	-2.17	-0.001154255	
50	5.69	0.003026596	
Max. Deviation (ppm)	5.69	0.003026596	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	1.62	0.000861702	±2.5
4.0	-4.19	-0.002228723	
4.2	2.27	0.001207447	
Max. Deviation (ppm)	-4.19	-0.002228723	

Test Mode: LTE Band 2_CH18900_10M

Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
0	-2.19	-0.001164894	±2.5
10	-3.51	-0.001867021	
20	1.45	0.000771277	
30	4.55	0.002420213	
40	2.86	0.001521277	
50	-5.68	-0.003021277	
Max. Deviation (ppm)	-5.68	-0.003021277	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	2.87	0.001526596	±2.5
4.0	-1.09	-0.000579787	
4.2	6.99	0.003718085	
Max. Deviation (ppm)	6.99	0.003718085	

Test Mode: LTE Band 2_CH18900_15M

Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
0	1.70	0.000904255	±2.5
10	2.64	0.001404255	
20	-4.57	-0.002430851	
30	6.81	0.00362234	
40	-4.34	-0.002308511	
50	5.62	0.002989362	
Max. Deviation (ppm)	6.81	0.00362234	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	2.31	0.001228723	±2.5
4.0	-2.22	-0.001180851	
4.2	5.84	0.003106383	
Max. Deviation (ppm)	5.84	0.003106383	

Test Mode: LTE Band 2_CH18900_20M

Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
0	5.44	0.002893617	±2.5
10	-3.83	-0.002037234	
20	2.38	0.001265957	
30	3.55	0.001888298	
40	-2.67	-0.001420213	
50	-3.90	-0.002074468	
Max. Deviation (ppm)	5.44	0.002893617	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	5.90	0.003138298	±2.5
4.0	-3.64	-0.00193617	
4.2	3.72	0.001978723	
Max. Deviation (ppm)	5.9	0.003138298	

End of Test Report