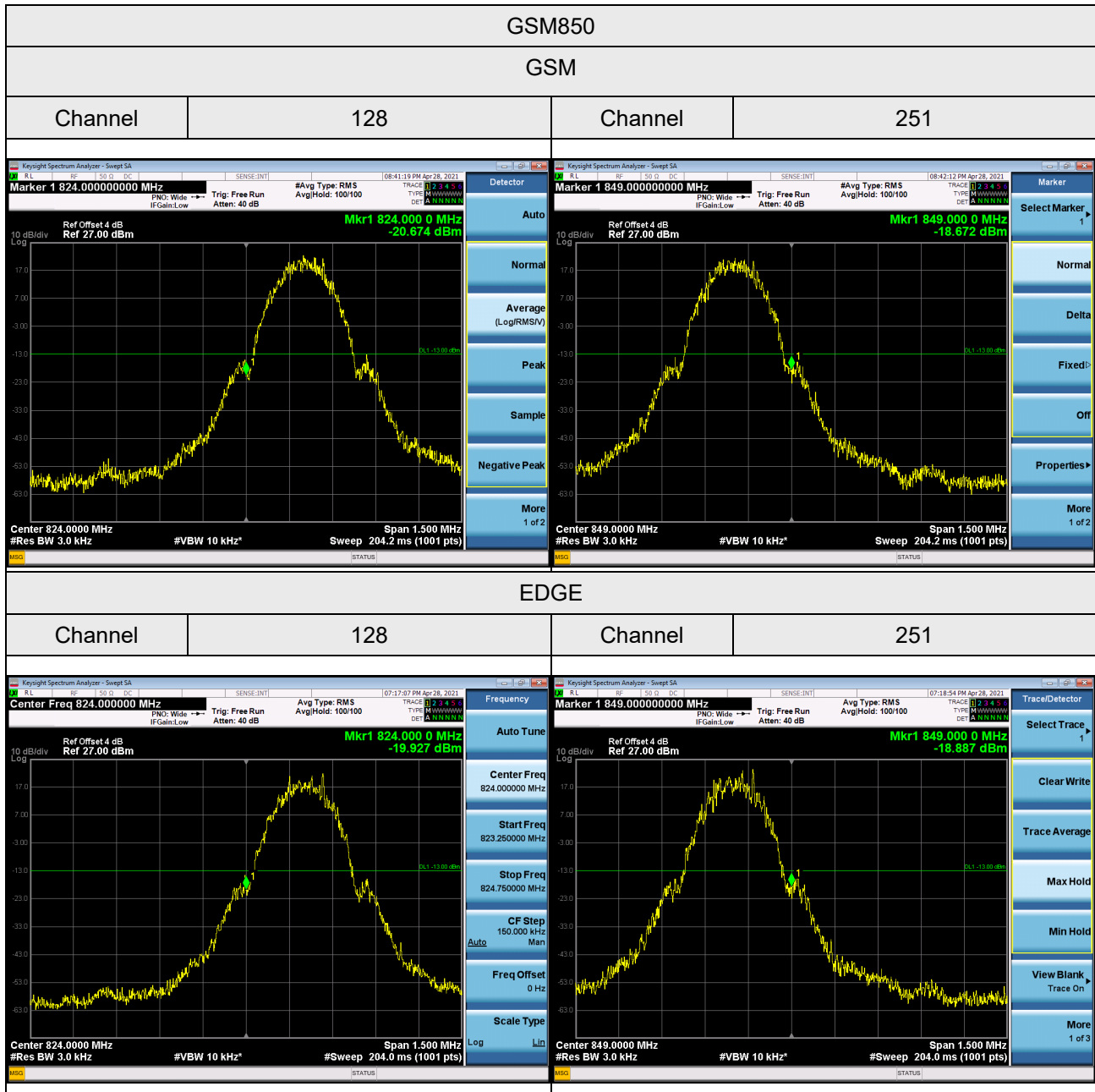
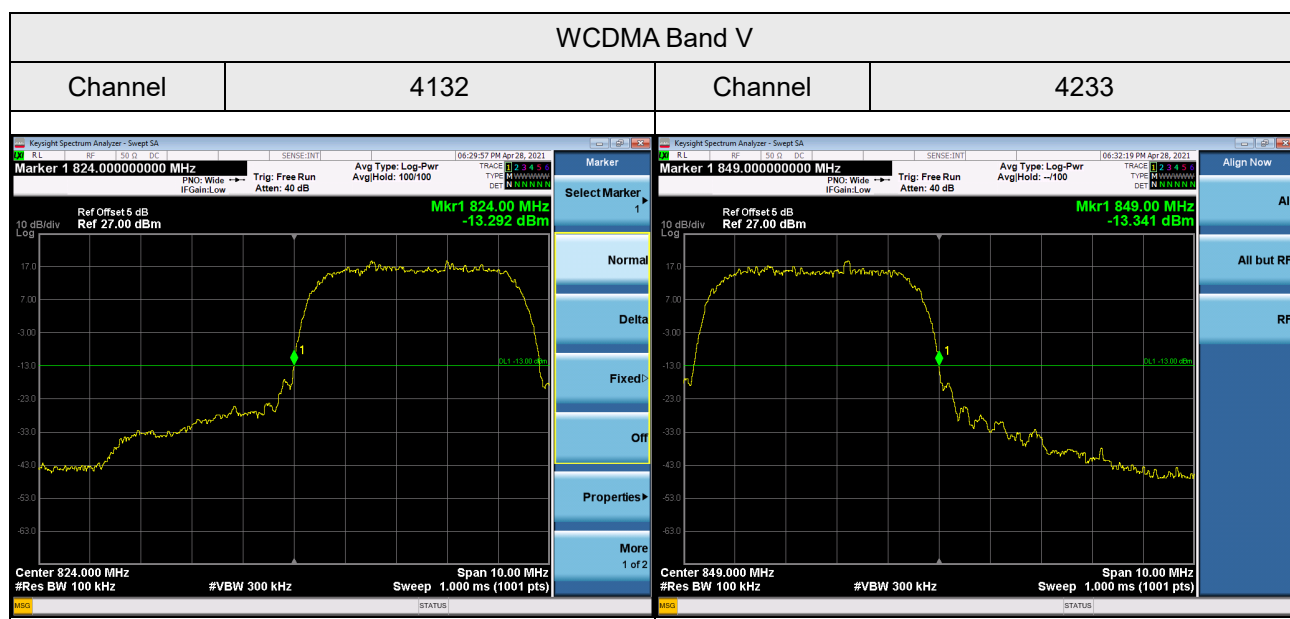
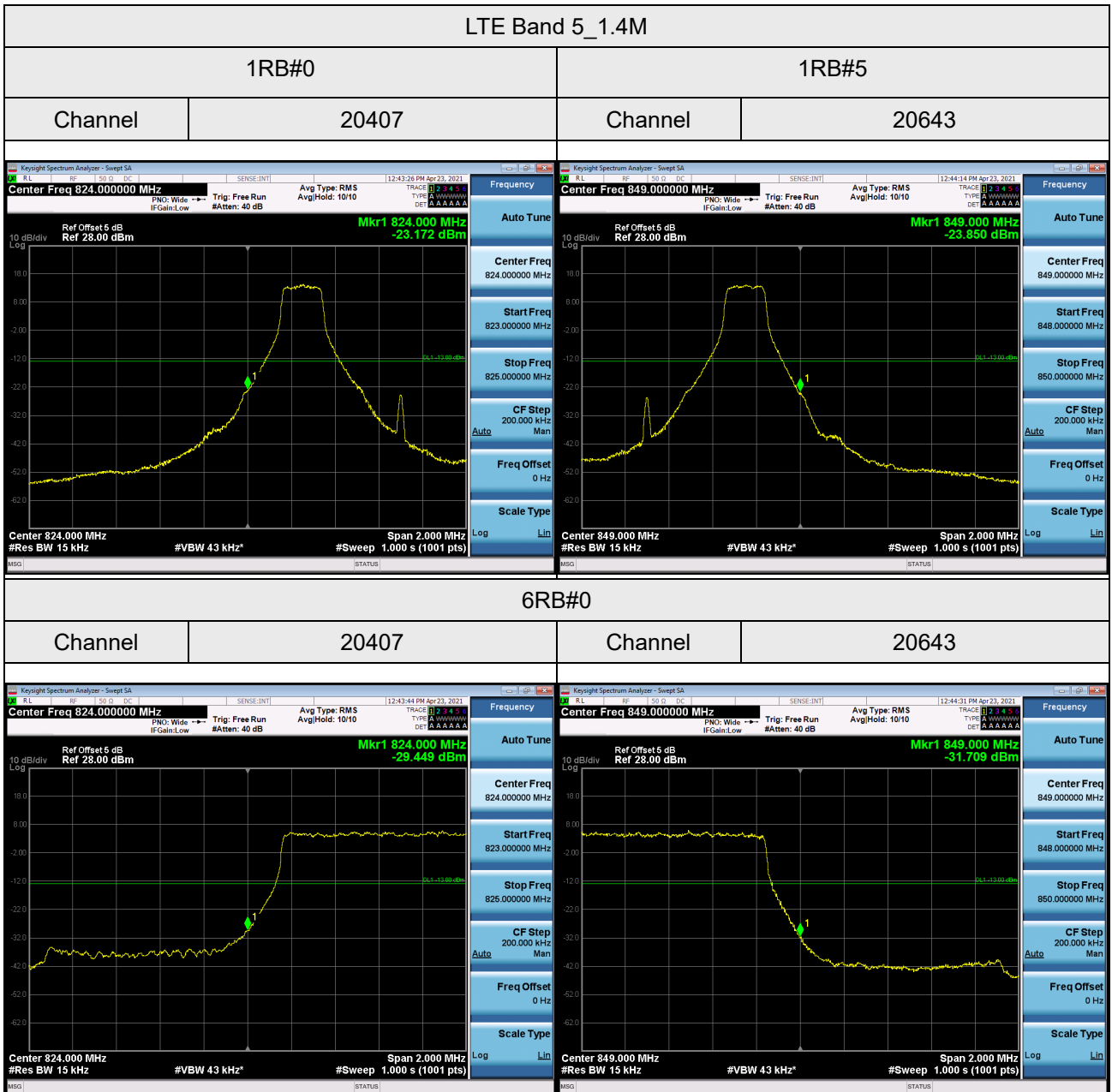
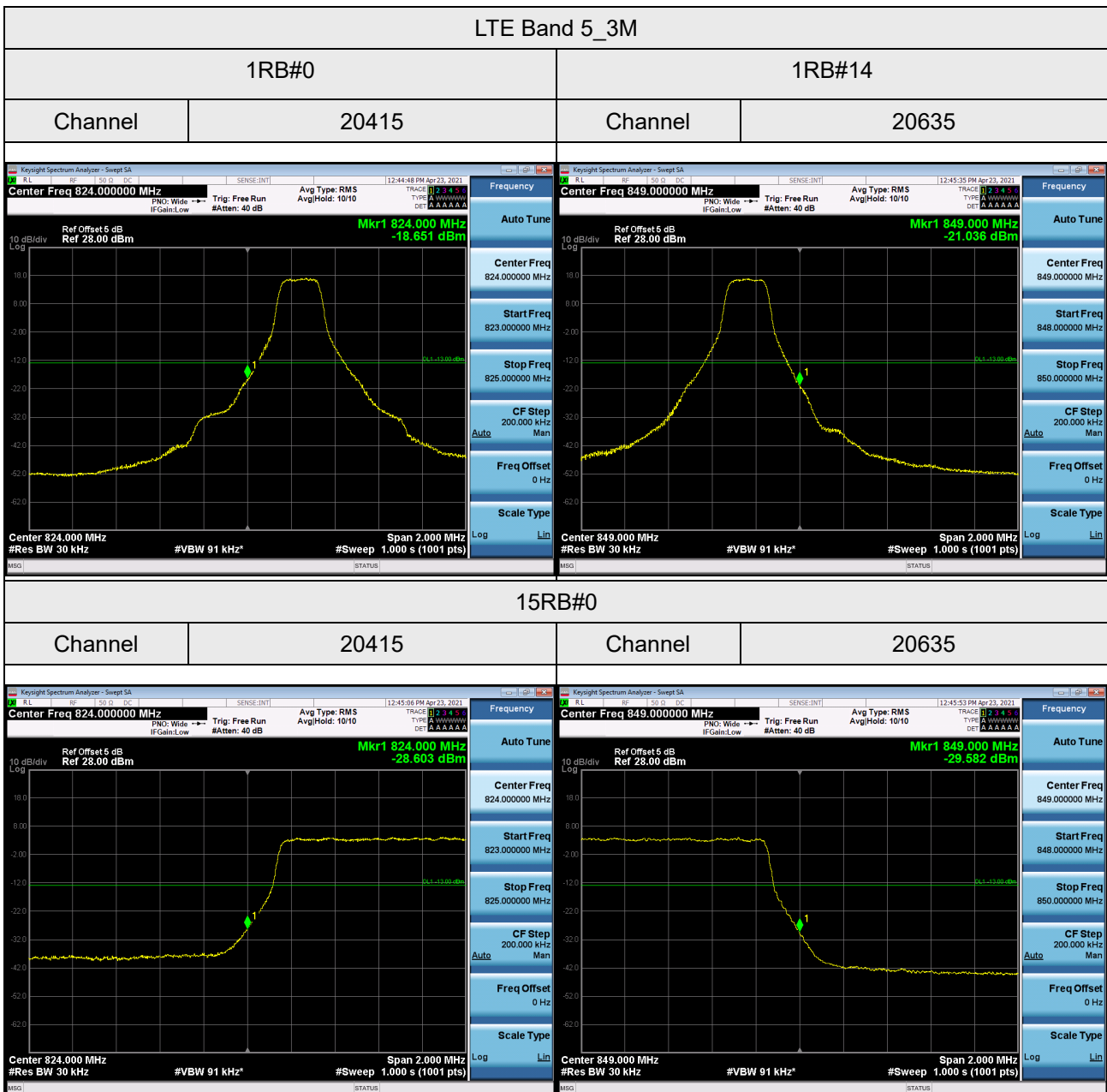
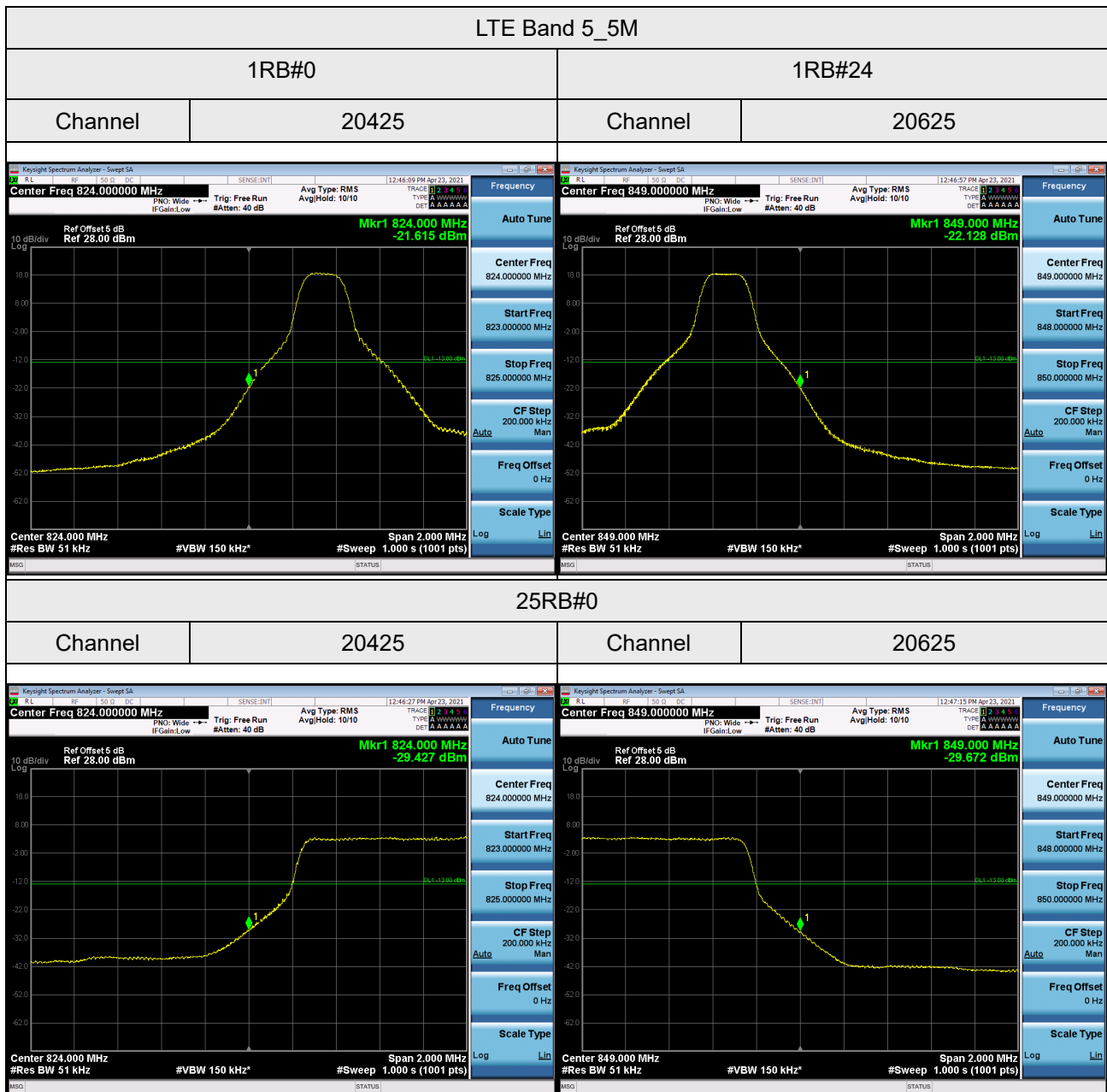


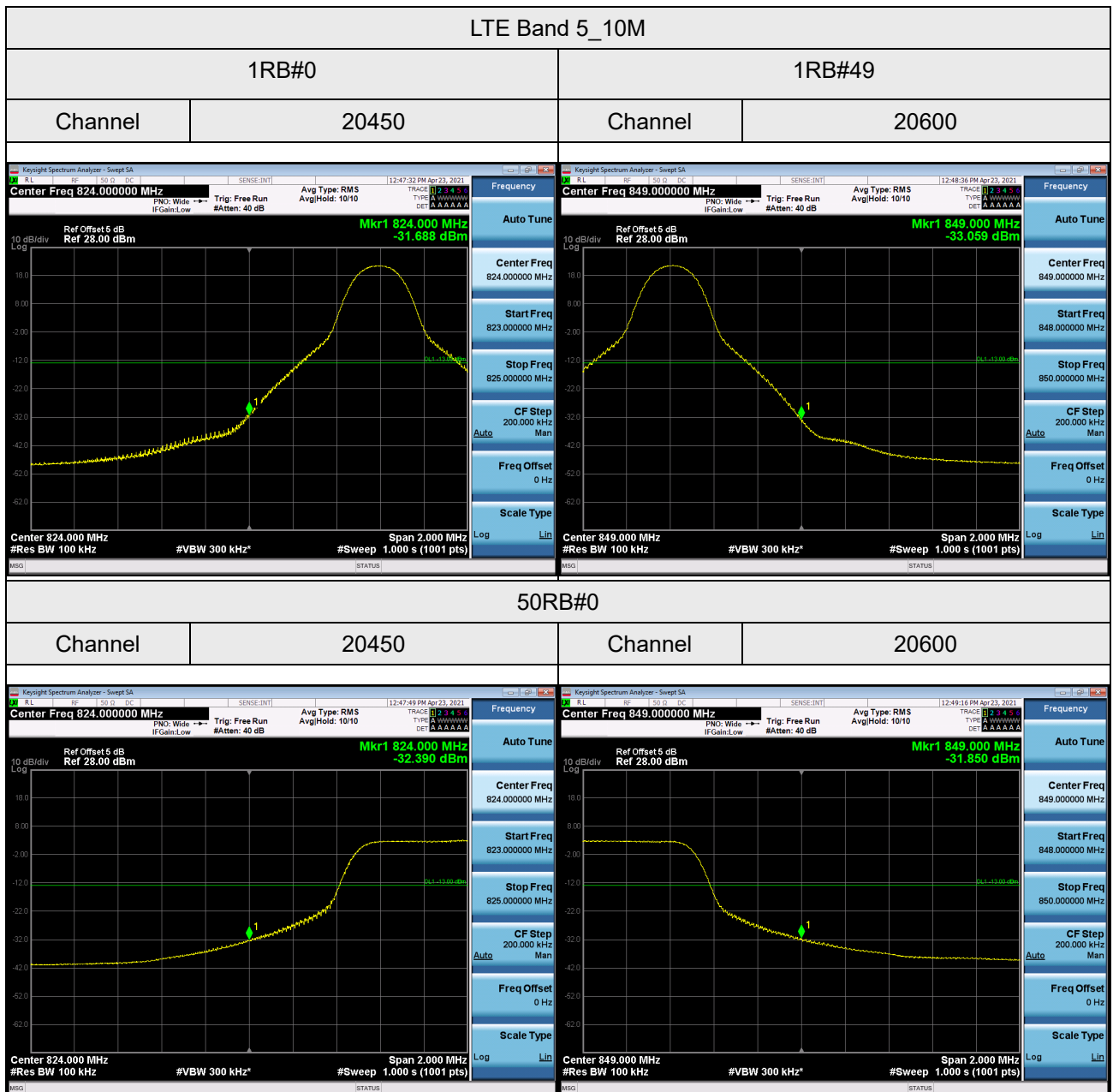






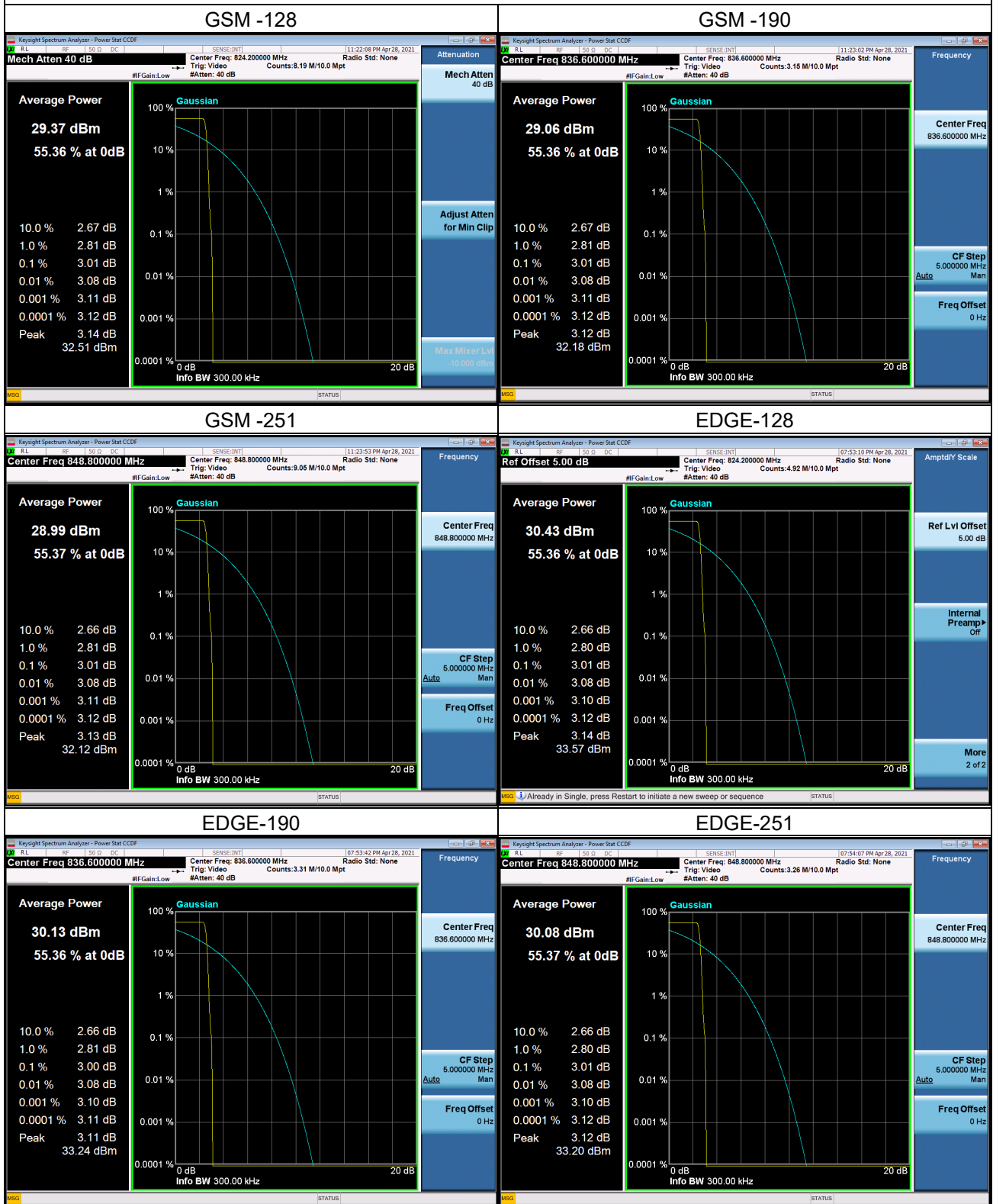






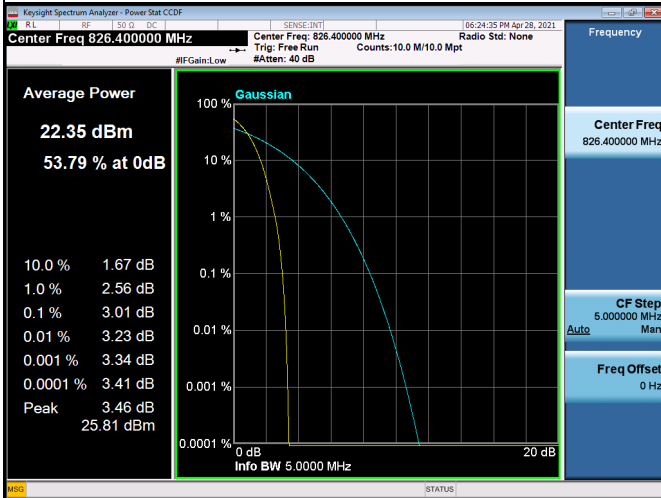
APPENDIX H - PEAK TO AVERAGE RATIO

GSM 850 Spectrum Plot

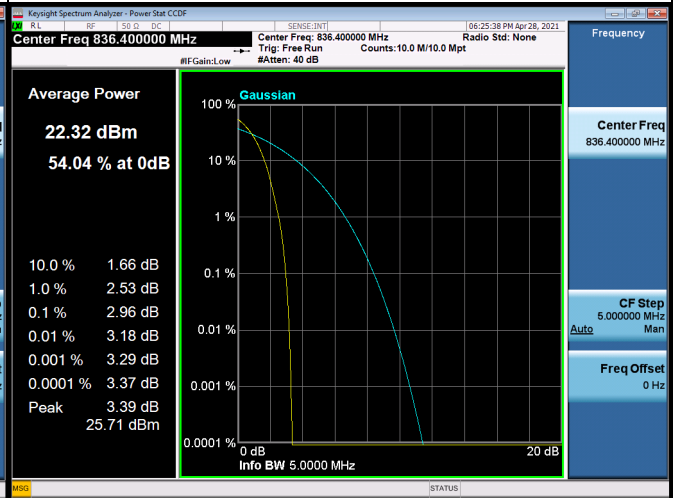


WCDMA Band V Spectrum Plot

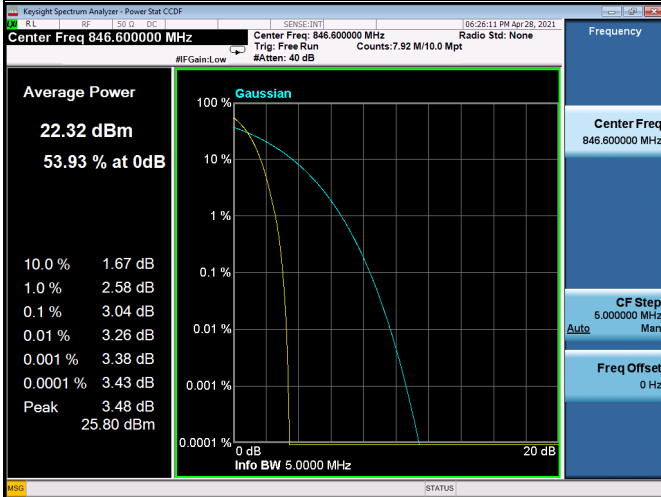
4132



4182

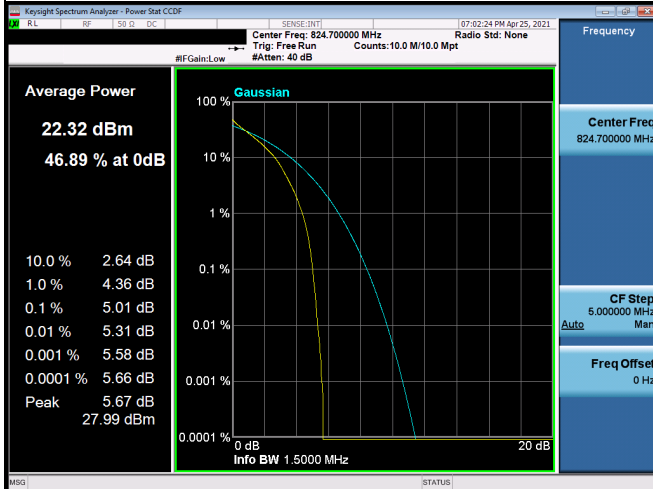


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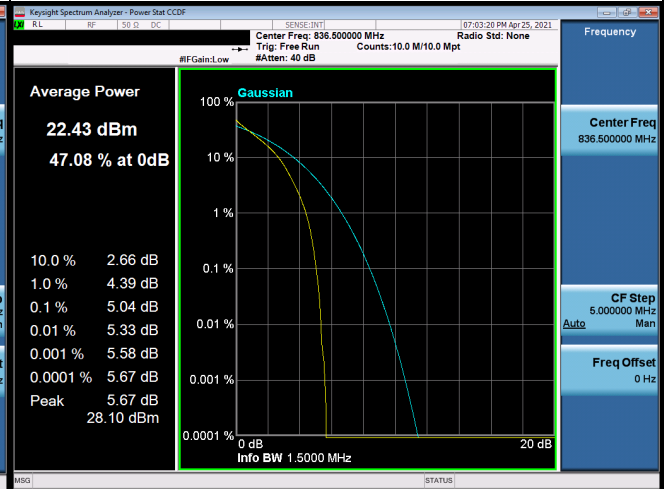


LTE Band 5 Spectrum Plot_1.4M

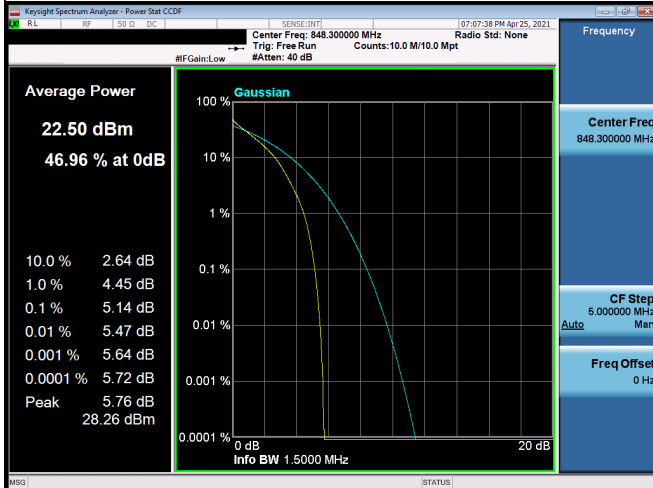
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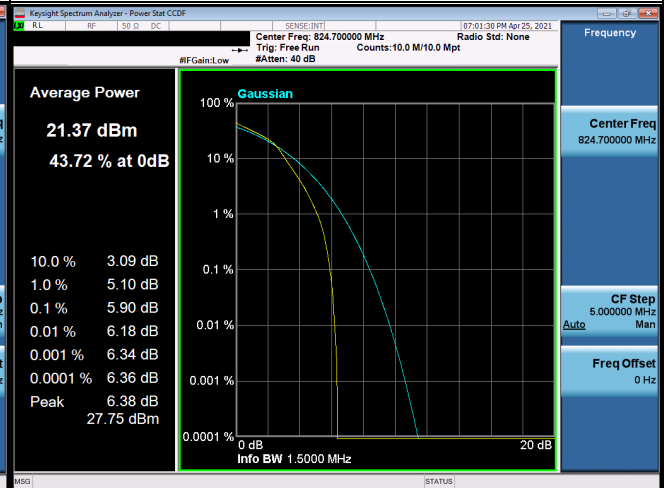
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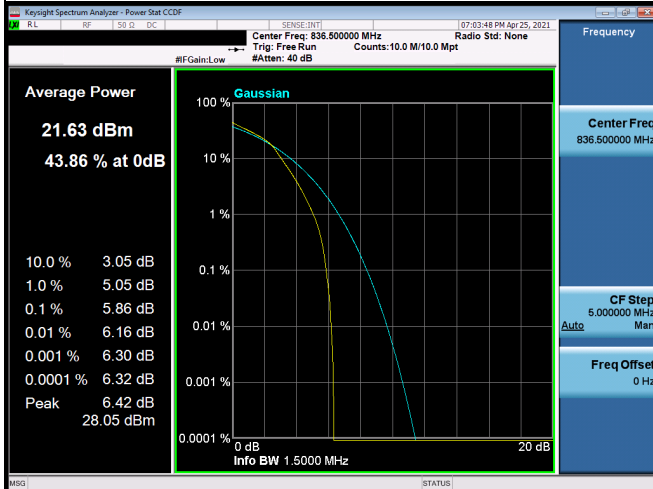
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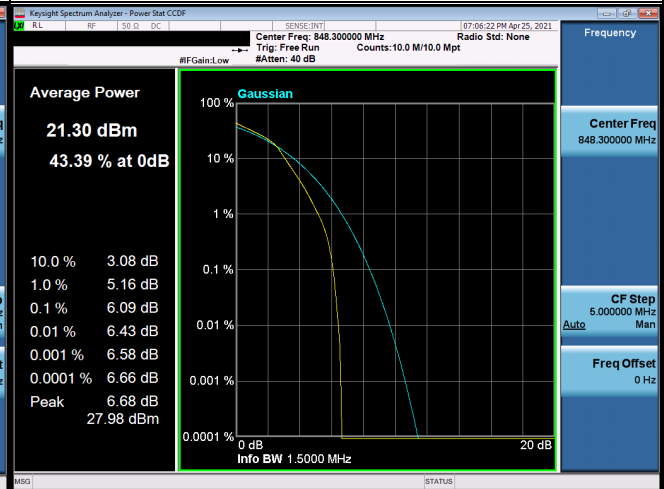
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16QAM-20525

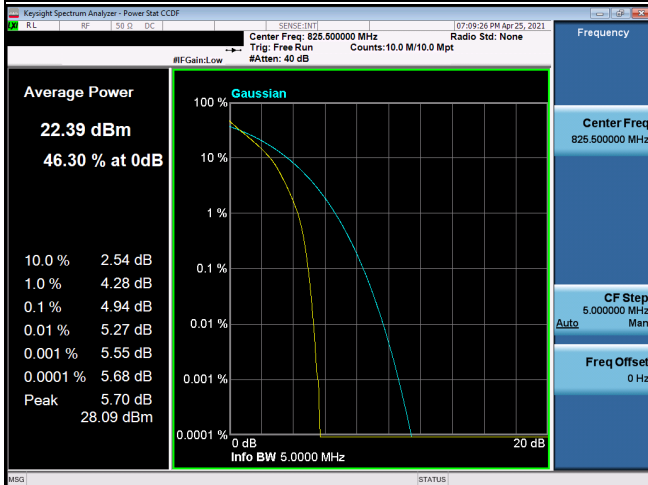


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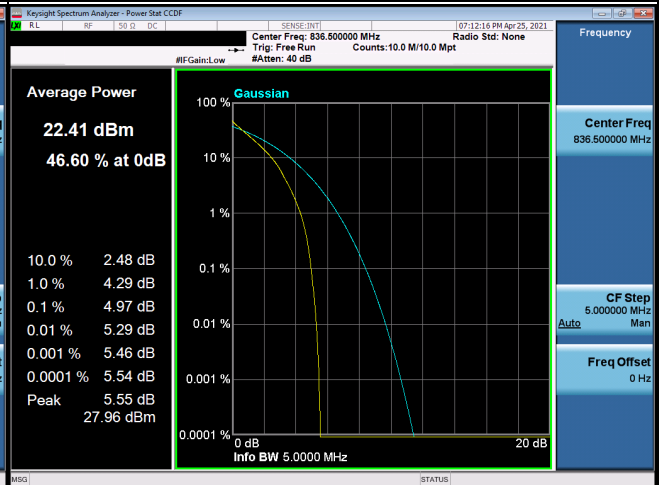


LTE Band 5 Spectrum Plot_3M

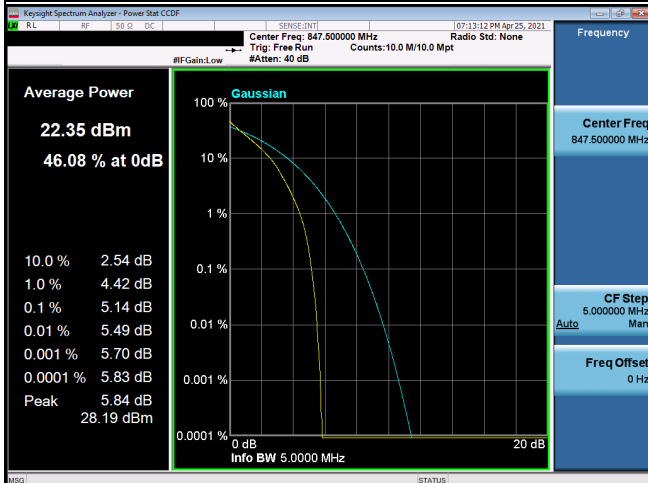
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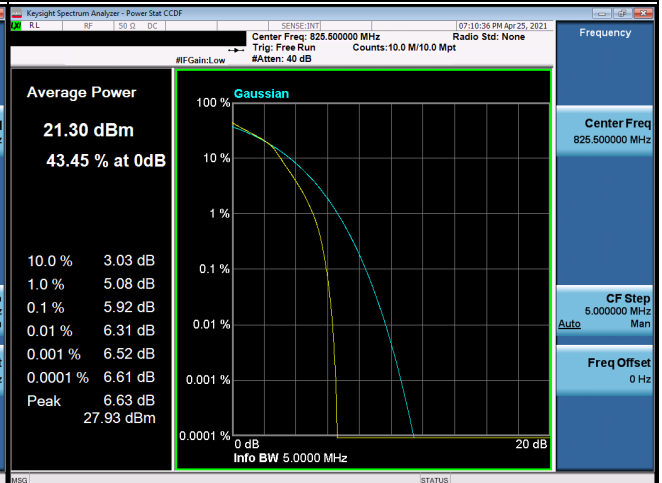
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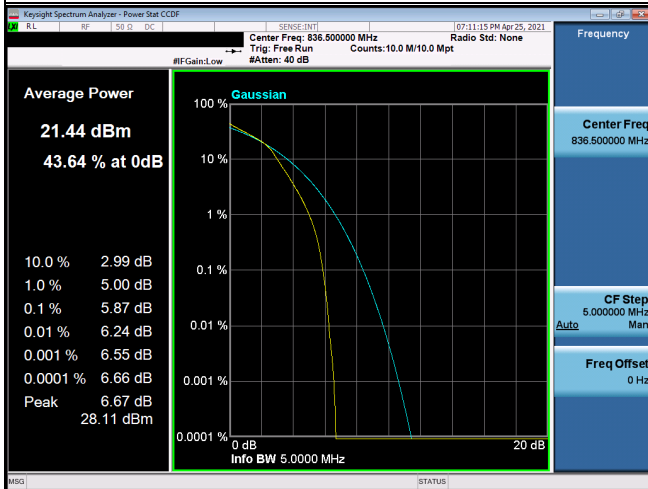
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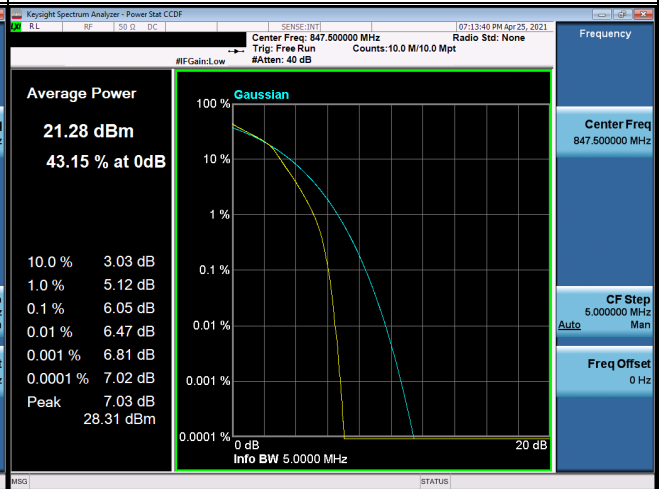
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16QAM-20525

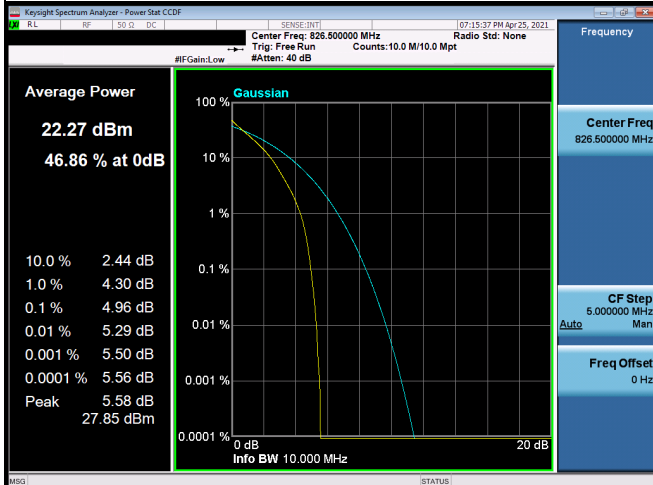


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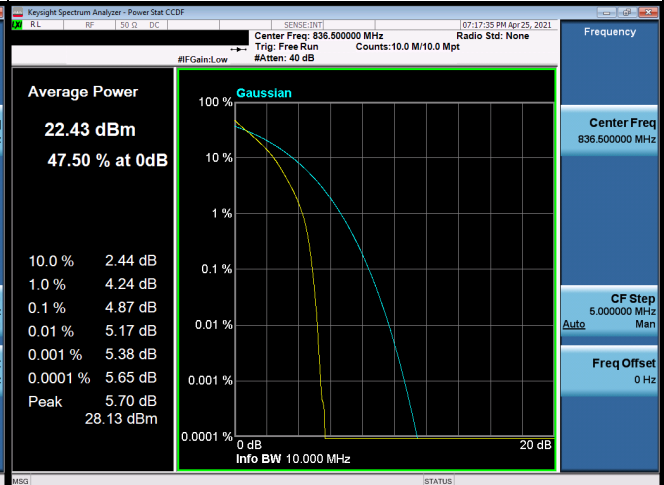


LTE Band 5 Spectrum Plot_5M

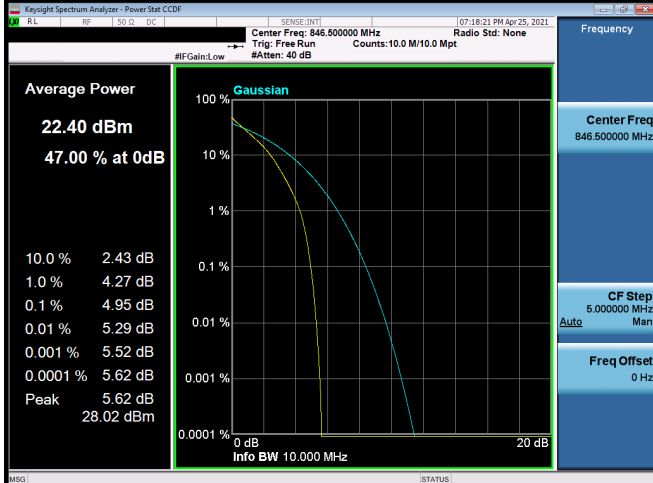
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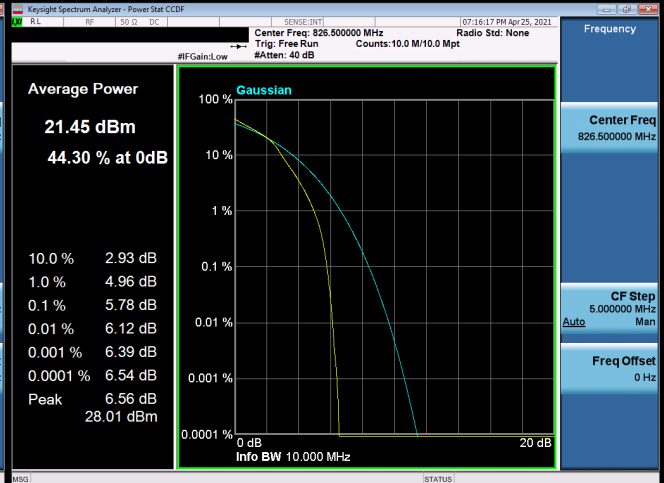
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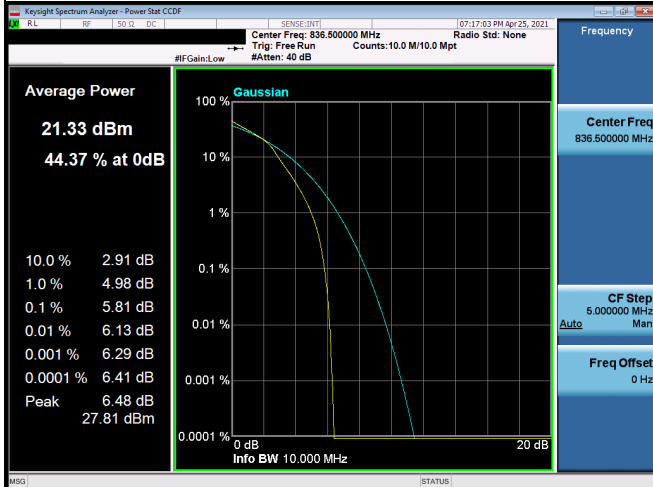
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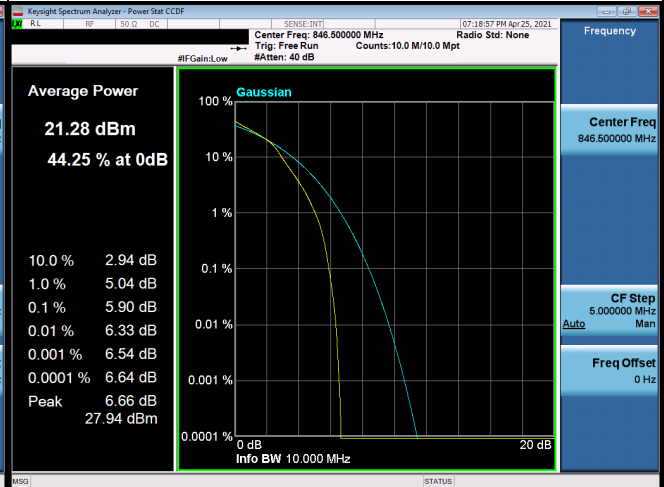
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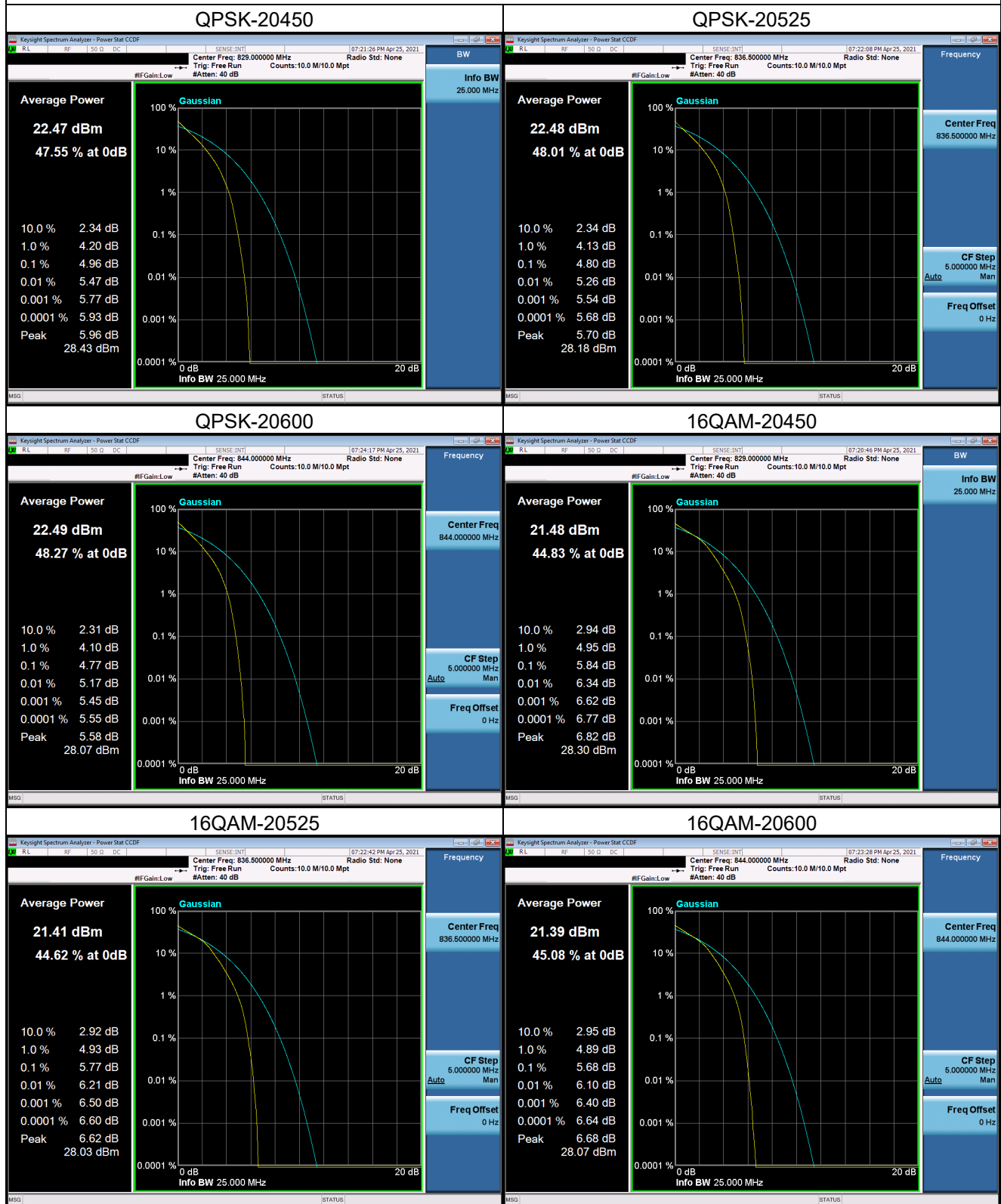
16QAM-20525



16QAM-20625



LTE Band 5 Spectrum Plot_10M



APPENDIX I - FREQUENCY STABILITY

Test Mode:	GSM850_CH190
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-20	-4.83	-0.005773368	± 2.5
-10	4.43	0.005295243	
0	4.88	0.005833134	
10	5.09	0.006084150	
20	5.29	0.006323213	
30	6.07	0.007255558	
40	6.61	0.007901028	
50	5.98	0.007147980	
Max. Deviation (ppm)	6.61	0.007901028	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.3	2.11	0.002522113	± 2.5
3.8	3.10	0.003705475	
3.3	3.24	0.003872819	
Max. Deviation (ppm)	3.24	0.003872819	

Test Mode:	WCDMA Band V_CH4182
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-20	-5.09	0.006085605	± 2.5
-10	0.95	0.001135820	
0	3.92	0.004686753	
10	-1.71	0.002044476	
20	3.24	0.003873745	
30	5.41	0.006468197	
40	4.42	0.005284553	
50	5.20	0.006217121	
Max. Deviation (ppm)	-5.09	0.006085605	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.3	-5.40	0.006456241	± 2.5
3.8	-1.51	0.001805356	
3.3	0.88	0.001052128	
Max. Deviation (ppm)	5.40	0.006456241	

Test Mode: LTE Band 5_CH20525_1.4M

Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-20	-1.29	-0.001542140	± 2.5
-10	-0.22	-0.000263001	
0	0.97	0.0011595940	
10	-3.98	-0.004757920	
20	-1.98	-0.002367005	
30	-2.42	-0.002893007	
40	-4.65	-0.005558876	
50	-0.59	-0.000705320	
Max. Deviation (ppm)	-4.65	-0.005558876	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.3	5.27	0.006300060	± 2.5
3.8	-5.69	-0.006802152	
3.3	1.13	0.001350867	
Max. Deviation (ppm)	-5.69	-0.006802152	

Test Mode: LTE Band 5_CH20525_3M

Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-20	2.79	0.003335326	± 2.5
-10	0.72	0.000860729	
0	2.24	0.002677824	
10	-5.86	-0.007005380	
20	1.86	0.002223551	
30	2.33	0.002785415	
40	-2.33	-0.002785415	
50	4.76	0.005690377	
Max. Deviation (ppm)	-5.86	-0.007005380	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.3	-4.11	-0.004913329	± 2.5
3.8	1.05	0.001255230	
3.3	-2.43	-0.002904961	
Max. Deviation (ppm)	-4.11	-0.004913329	

Test Mode: LTE Band 5_CH20525_5M

Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-20	-6.00	-0.007172744	± 2.5
-10	0.92	0.001099821	
0	-3.65	-0.004363419	
10	1.94	0.002319187	
20	-3.33	-0.003980873	
30	0.30	0.000358637	
40	4.84	0.005786013	
50	3.55	0.004243873	
Max. Deviation (ppm)	-6.00	-0.007172744	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.3	-4.83	-0.005774059	± 2.5
3.8	-0.27	-0.000322773	
3.3	-4.22	-0.00504483	
Max. Deviation (ppm)	-4.83	-0.005774059	

Test Mode: LTE Band 5_CH20525_10M

Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-20	2.05	0.002450687	± 2.5
-10	-5.42	-0.006479378	
0	-1.76	-0.002104005	
10	-3.69	-0.004411237	
20	3.61	0.004315601	
30	-2.06	-0.002462642	
40	-4.43	-0.005295876	
50	-1.76	-0.002104005	
Max. Deviation (ppm)	-5.42	-0.006479378	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.3	1.89	0.002259414	± 2.5
3.8	4.67	0.005582785	
3.3	-4.38	-0.005236103	
Max. Deviation (ppm)	4.67	0.005582785	

End of Test Report