

LTE Band 5_10M Spectrum Plot

1RB#0

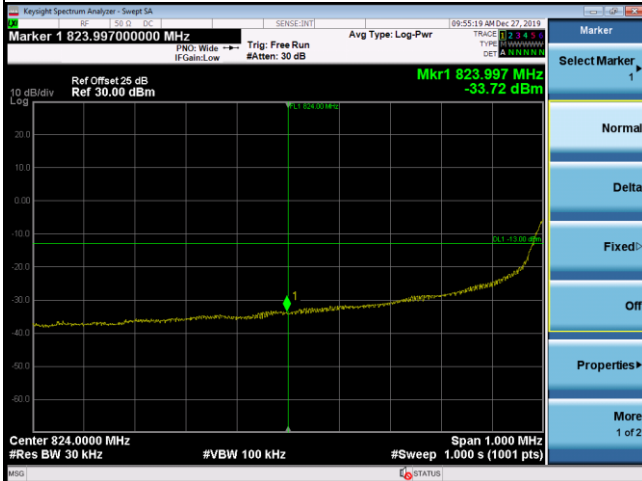
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Channel

20450

Channel

20600



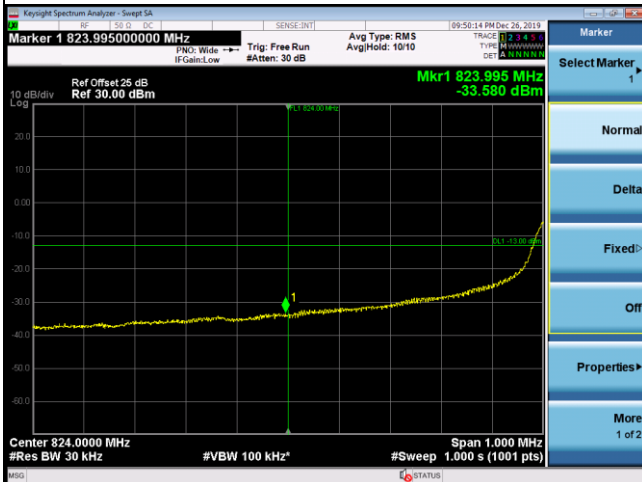
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Channel

20450

Channel

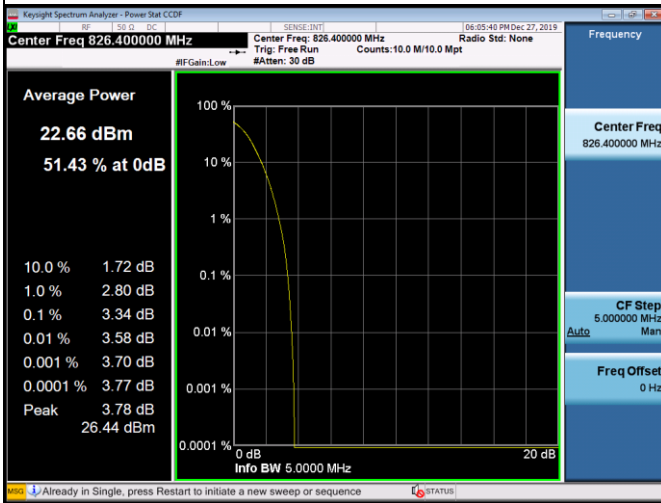
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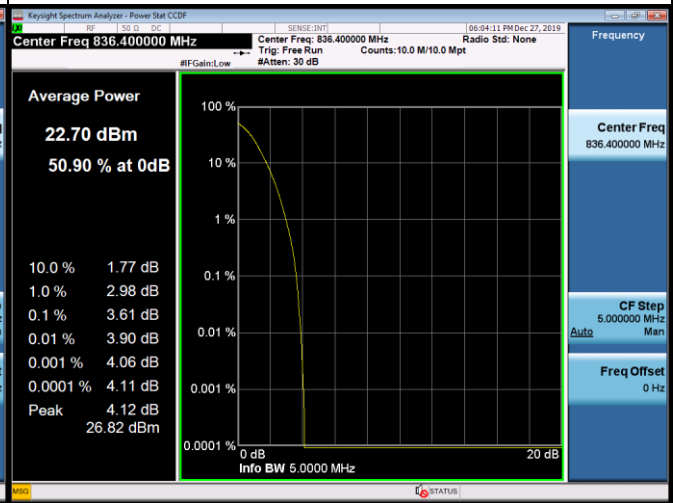
APPENDIX G - PEAK TO AVERAGE RATIO

WCDMA Band V_WCDMA Spectrum Plot

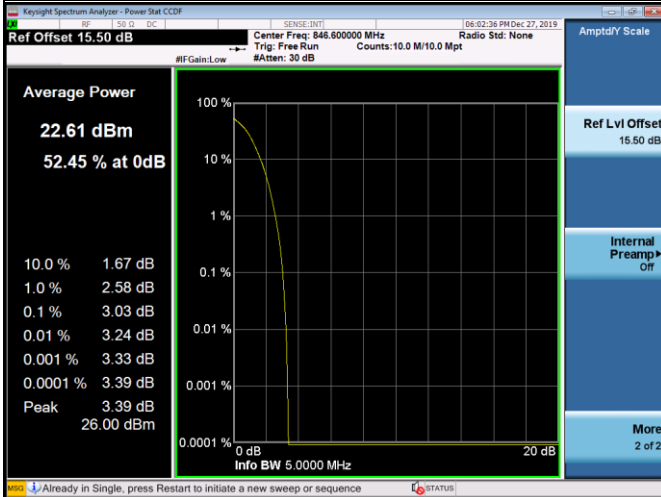
4132



4182



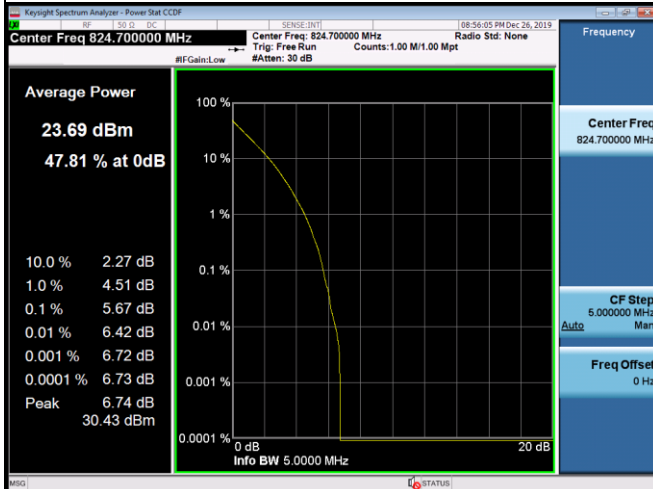
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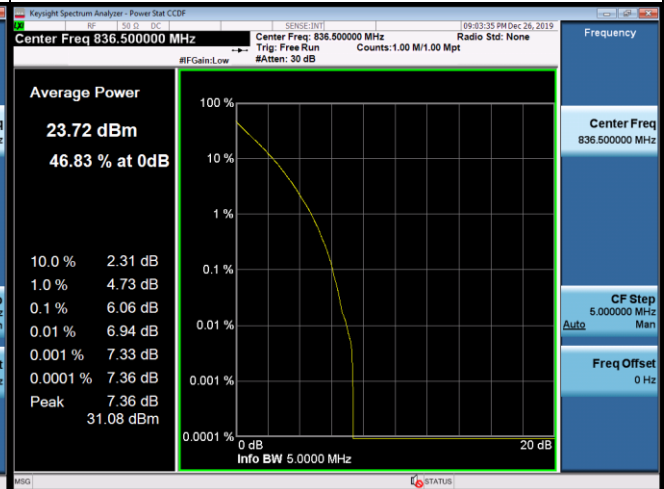
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LTE Band 5_1.4M Spectrum Plot

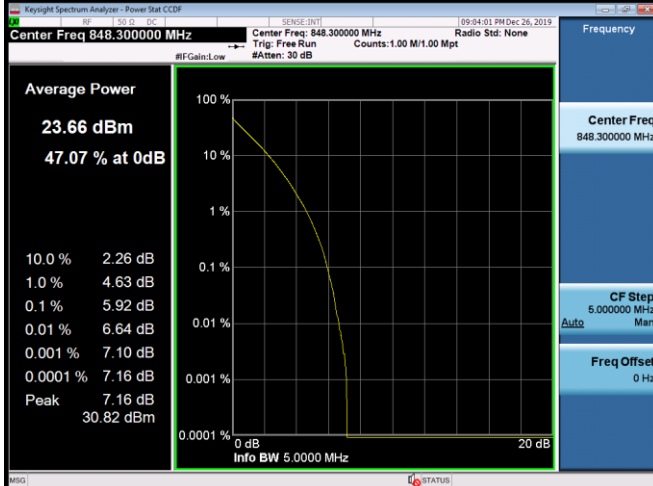
QPSK-20407



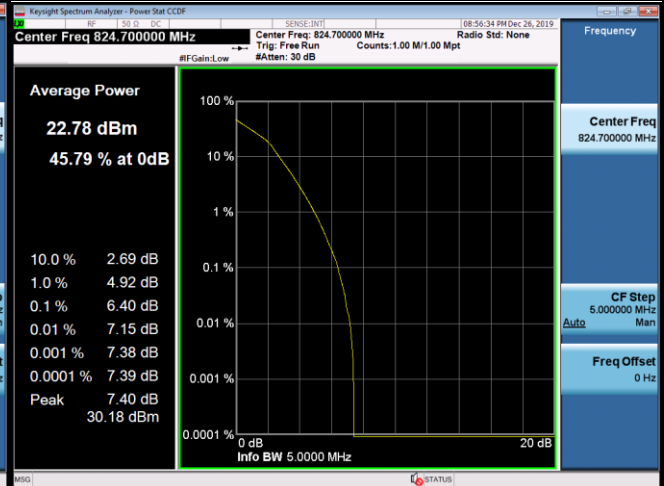
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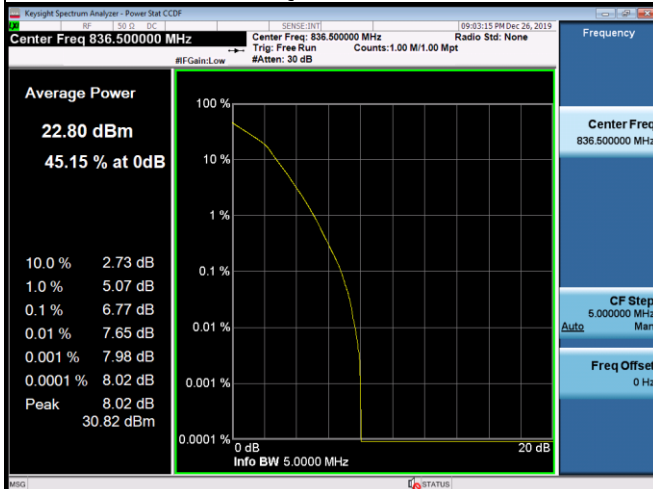
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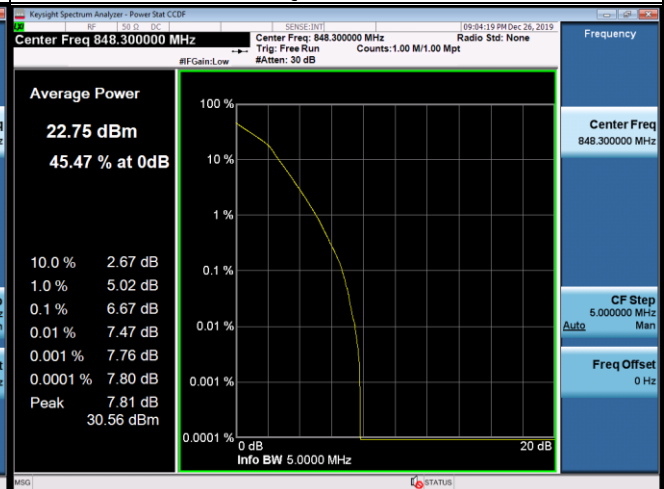
16QAM-20407



16QAM-20525

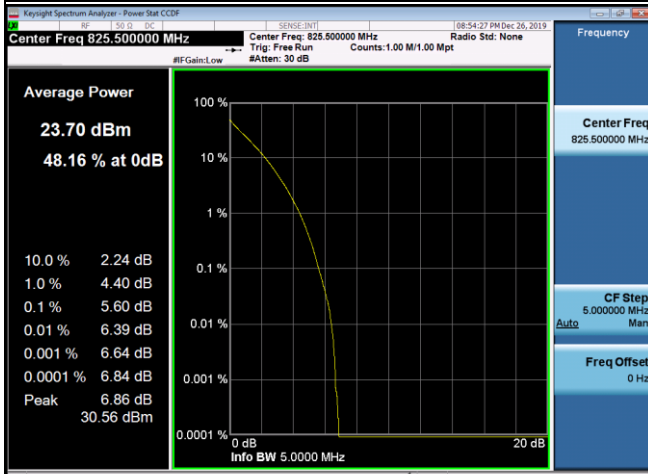


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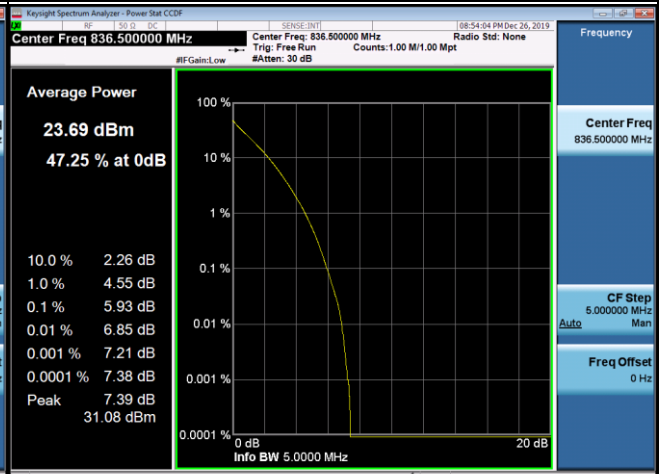


LTE Band 5_3M Spectrum Plot

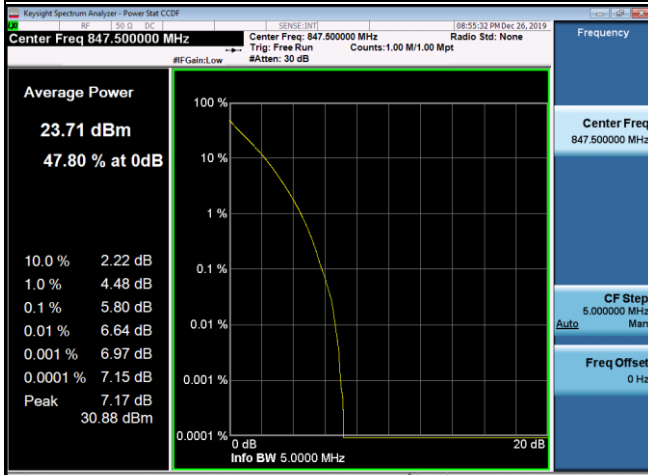
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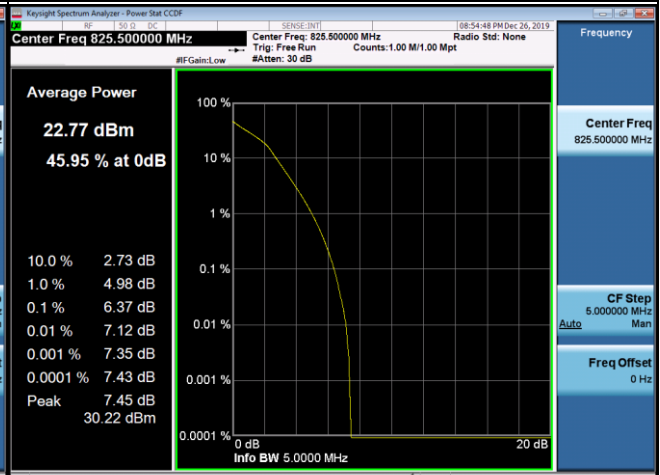
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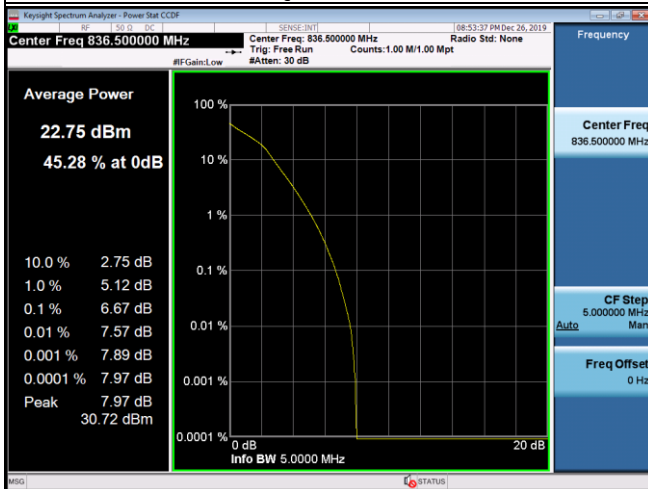
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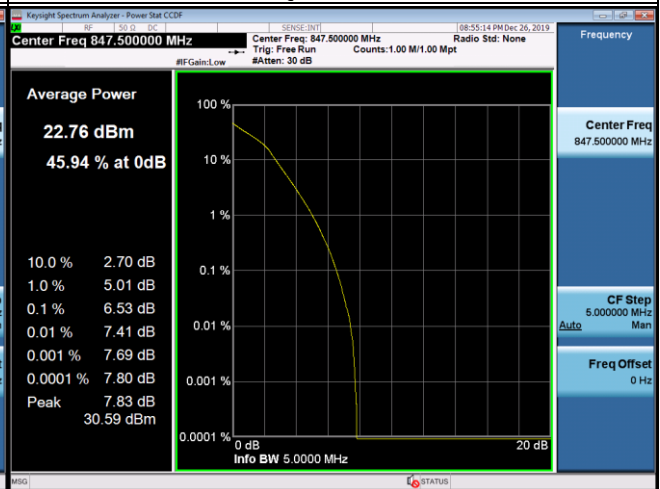
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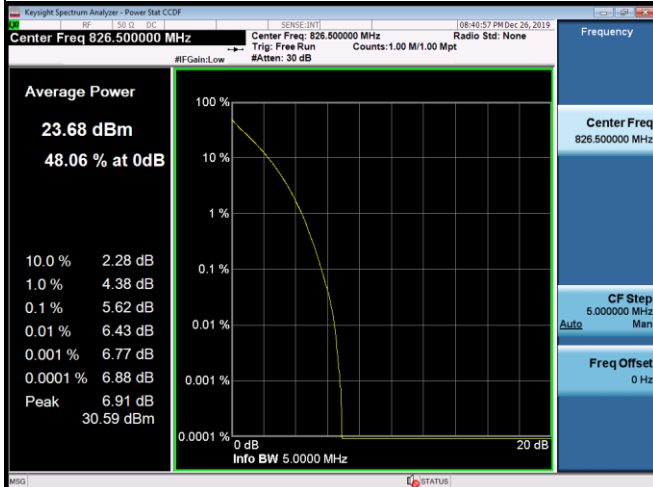


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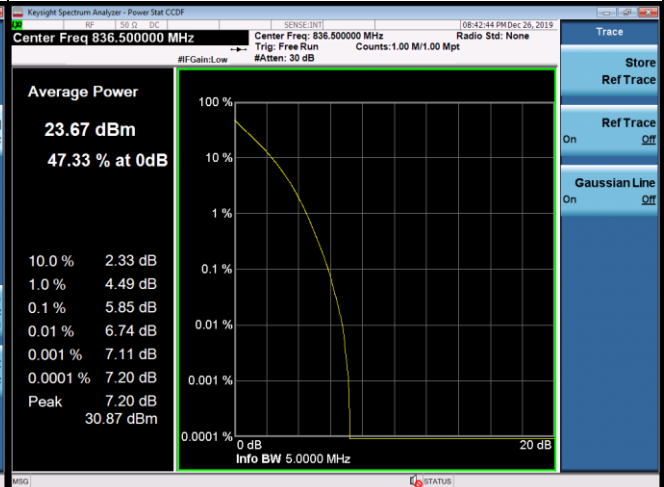


LTE Band 5_5M Spectrum Plot

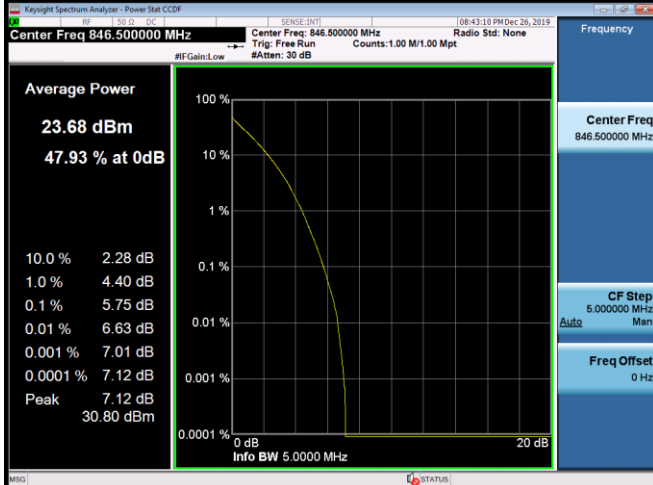
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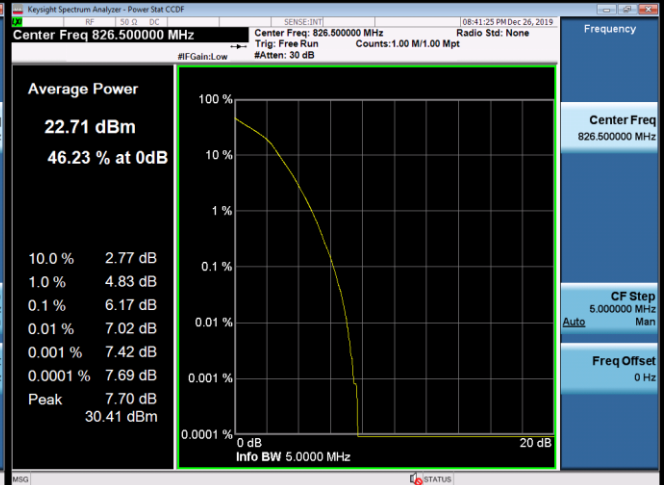
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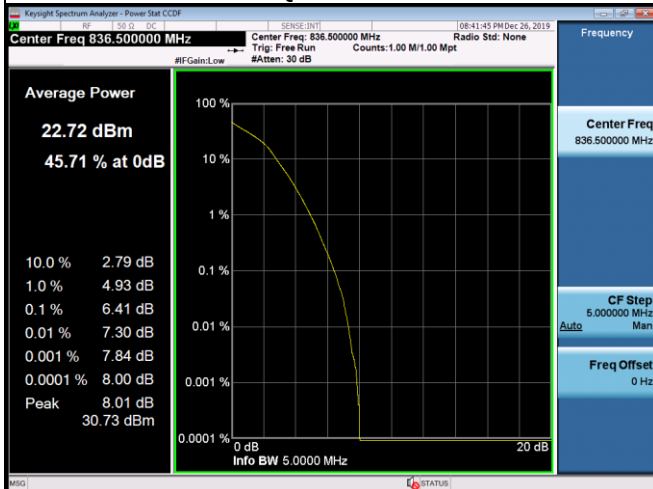
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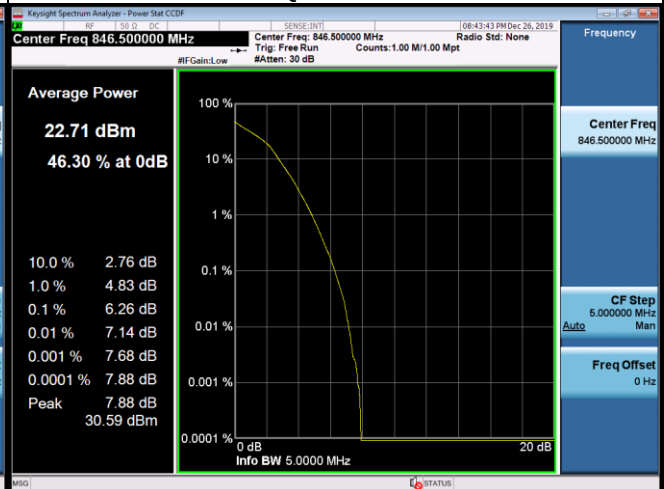
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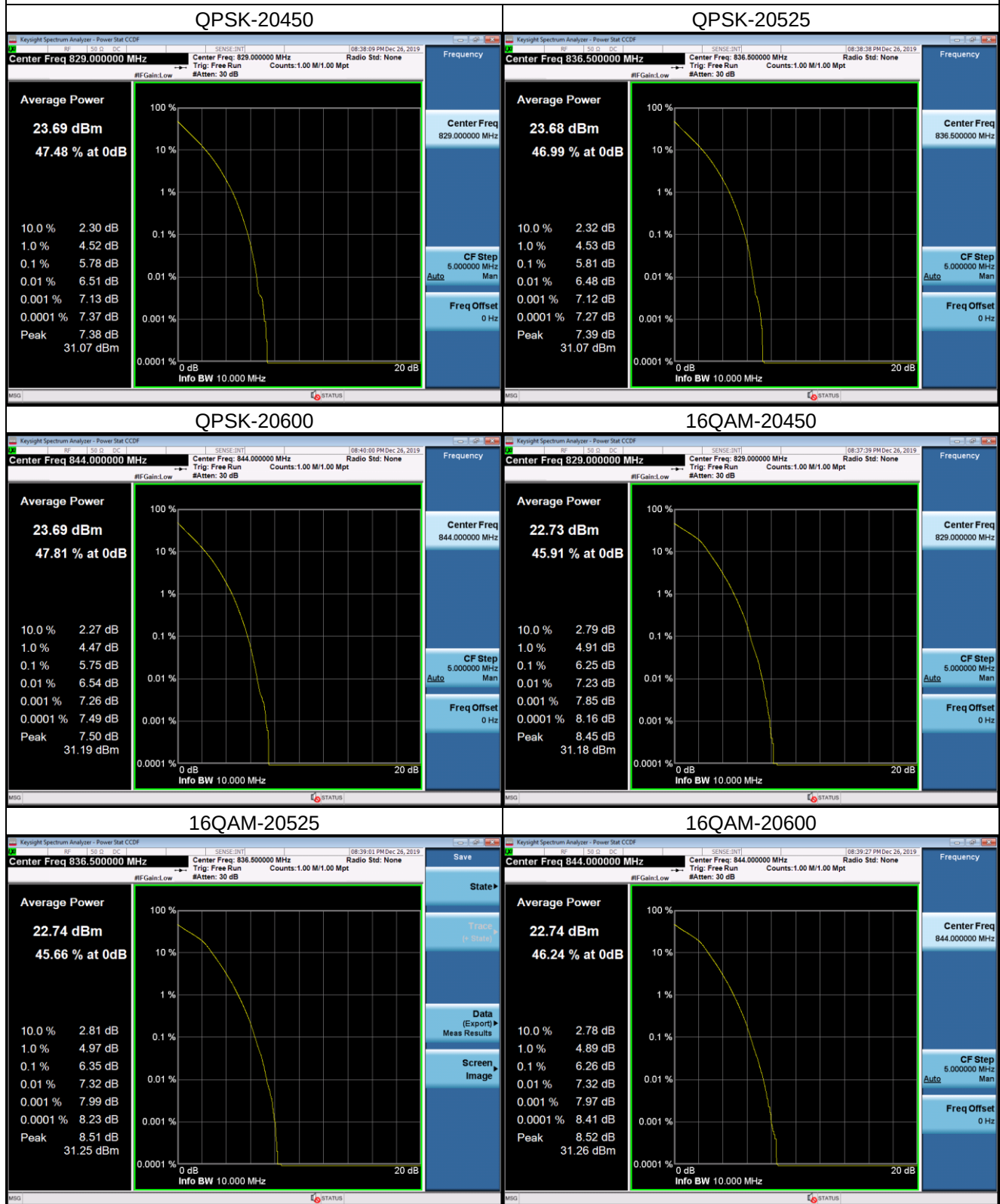
16QAM-20525



16QAM-20625



LTE Band 5_10M Spectrum Plot



APPENDIX H - FREQUENCY STABILITY

Test Mode	WCDMA Band V_CH4182 & LTE Band 5_CH20525
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Temperature vs. Frequency Stability

Temp	Frequency Error(ppm)					Limit(ppm)
	WCDMA	LTE Band5				
		1.4MHz	3MHz	5MHz	10MHz	
-40	0.0025	0.0102	0.0107	0.0099	0.0094	2.5
-30	0.0024	0.0088	0.0092	0.0086	0.0083	2.5
-20	0.0029	0.0097	0.009	0.0067	0.0069	2.5
-10	0.0025	0.0081	0.0082	0.0076	0.0057	2.5
0	0.0028	0.0066	0.0059	0.005	0.0064	2.5
10	0.0028	0.0047	0.0051	0.0045	0.0049	2.5
20	0.0029	0.0028	0.0034	0.0029	0.0023	2.5
30	0.0026	0.0016	0.0018	0.0006	0.0013	2.5
40	0.0025	0.0009	-0.0002	-0.0009	-0.0003	2.5
50	0.0029	-0.0009	-0.0031	-0.0021	-0.0016	2.5
60	0.0024	-0.0017	-0.0026	-0.0034	-0.0029	2.5
70	0.0027	-0.0021	-0.0049	-0.0051	-0.0042	2.5
80	0.0025	-0.0037	-0.0059	-0.0044	-0.0038	2.5
90	0.0029	-0.0052	-0.0067	-0.0063	-0.0056	2.5
100	0.003	-0.0066	-0.0081	-0.0072	-0.0072	2.5
105	0.0027	-0.0079	-0.0087	-0.0089	-0.0079	2.5

Voltage vs. Frequency Stability

Voltage	Frequency Error(ppm)					Limit(ppm)
	WCDMA	LTE Band5				
		1.4MHz	3MHz	5MHz	10MHz	
High Voltage	0.003	0.0028	0.0037	0.0033	0.0028	2.5
Normal Voltage	0.0027	0.0026	0.0037	0.0031	0.0026	2.5
Low Voltage	0.0026	0.0025	0.0035	0.0031	0.0025	2.5

End of Test Report