

LTE Band 5_5M Spectrum Plot

1RB#0

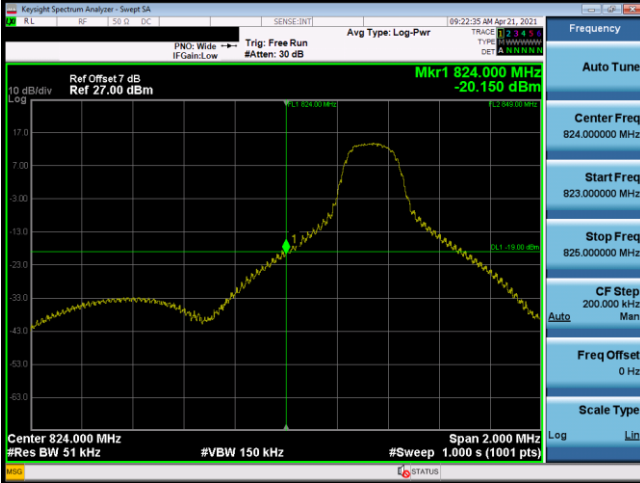
1RB#24

Channel

20425

Channel

20625



25RB#0

Channel

20425

Channel

20625



LTE Band 5_10M Spectrum Plot

1RB#0

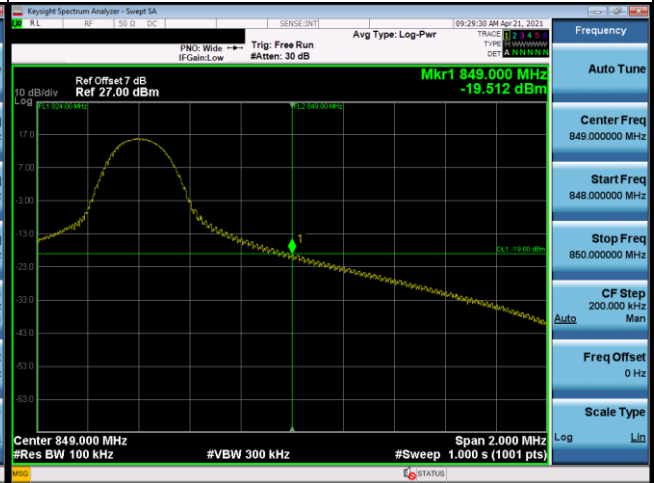
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Channel

20450

Channel

20600



50RB#0

Channel

20450

Channel

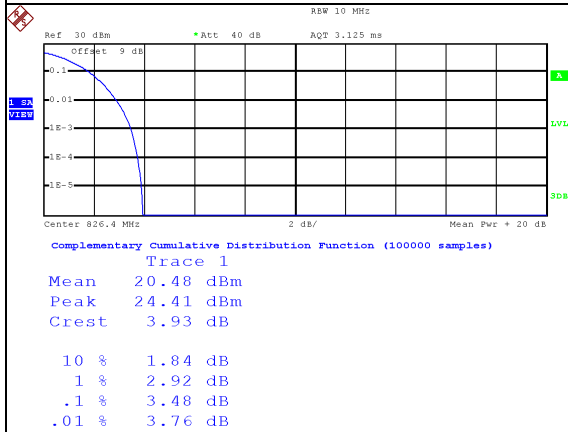
20600



APPENDIX F PEAK TO AVERAGE RATIO

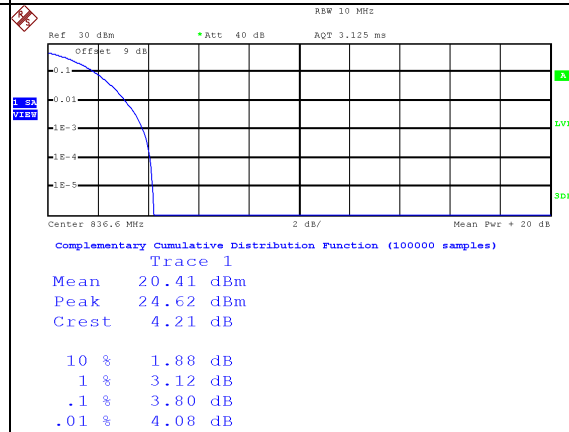
WCDMA Band V_WCDMA Spectrum Plot

4132



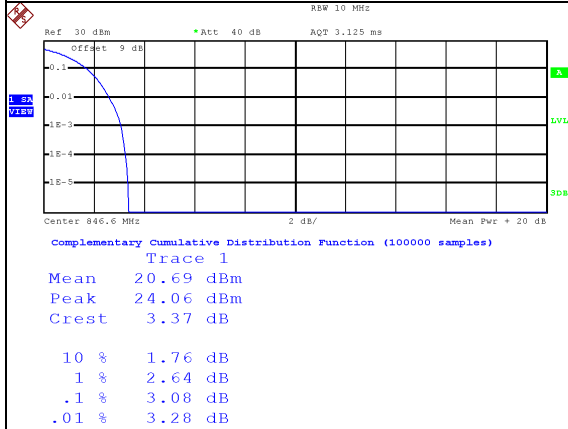
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4183



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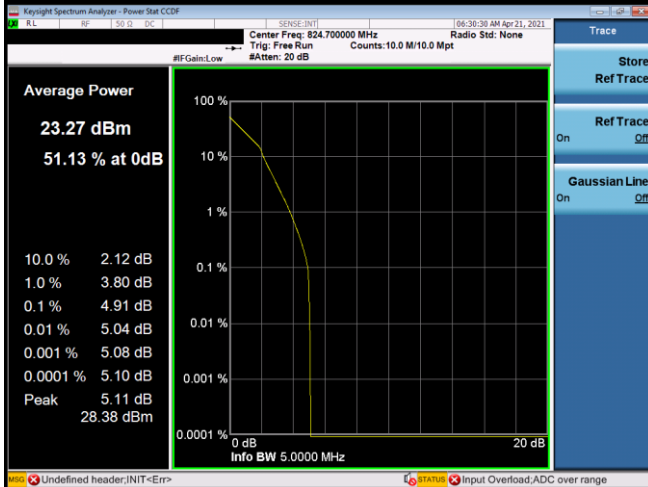
4233



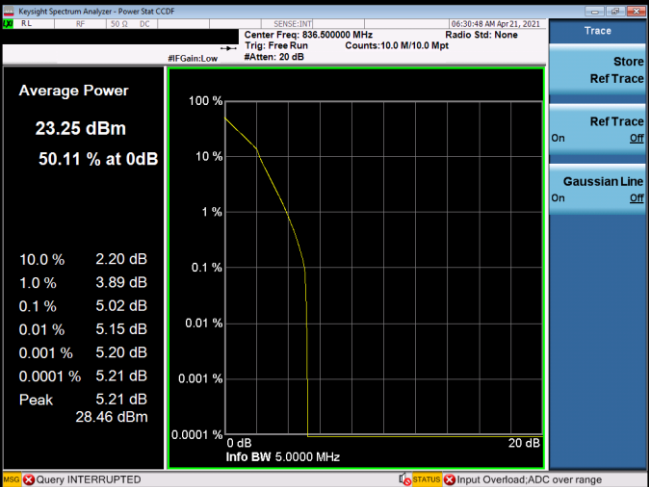
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LTE Band 5_1.4M Spectrum Plot

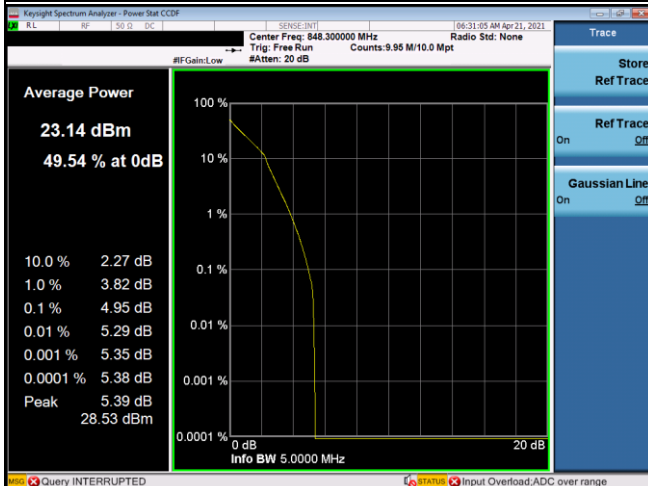
QPSK-20407



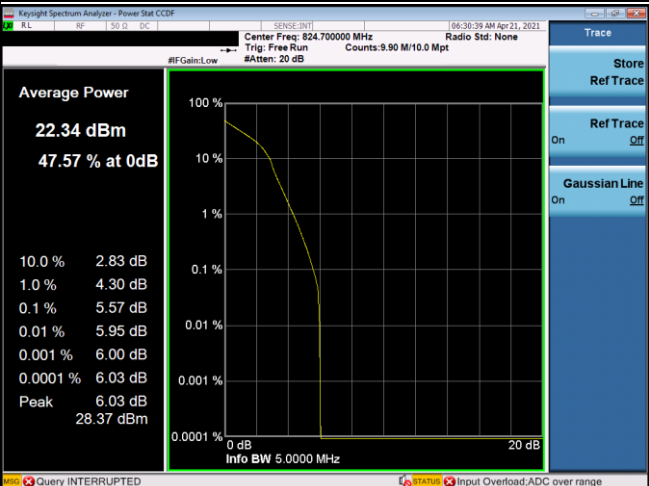
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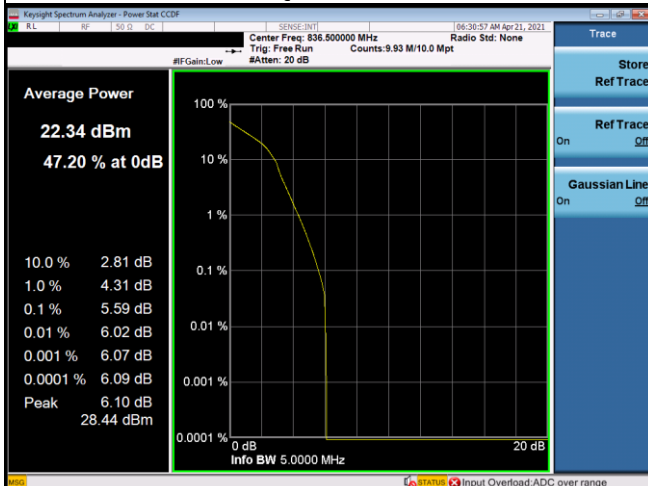
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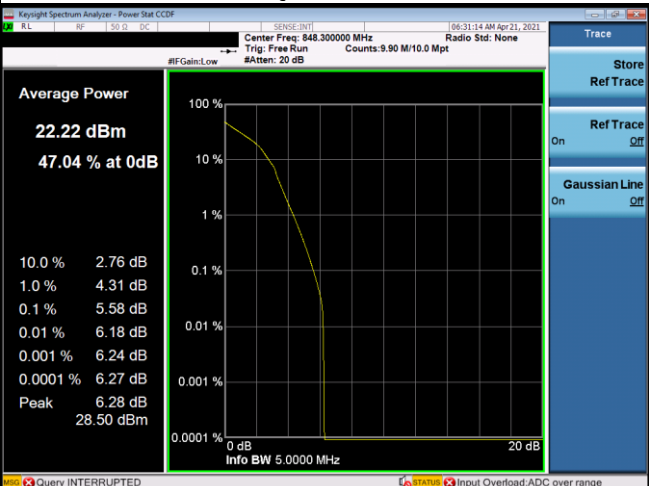
16QAM-20407



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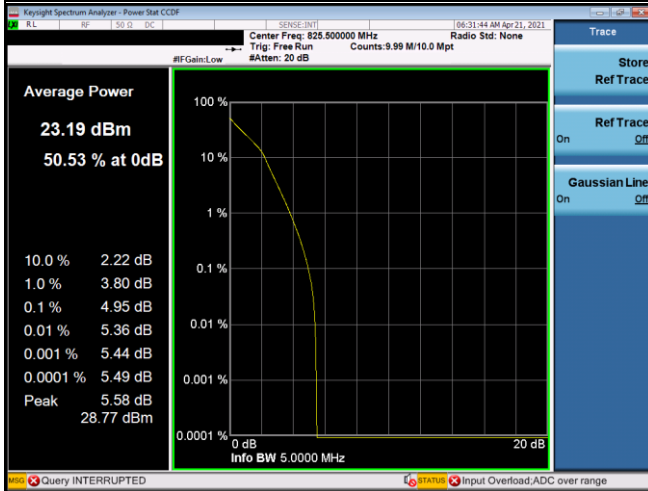


16QAM-20643

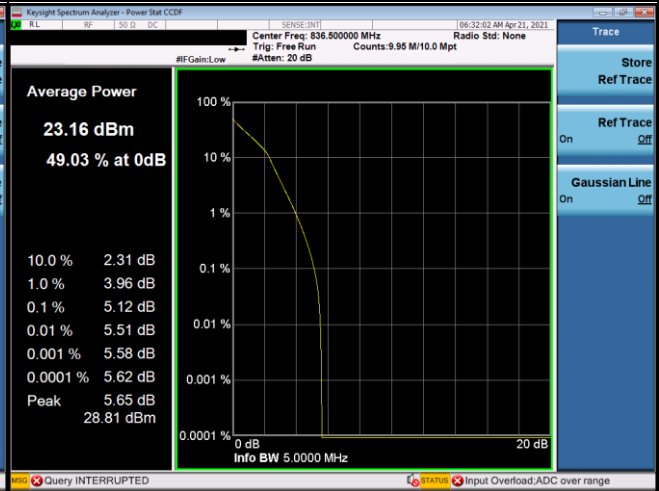


LTE Band 5_3M Spectrum Plot

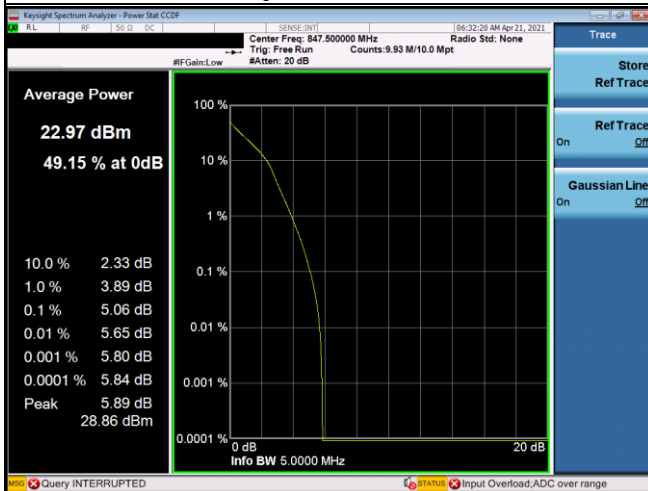
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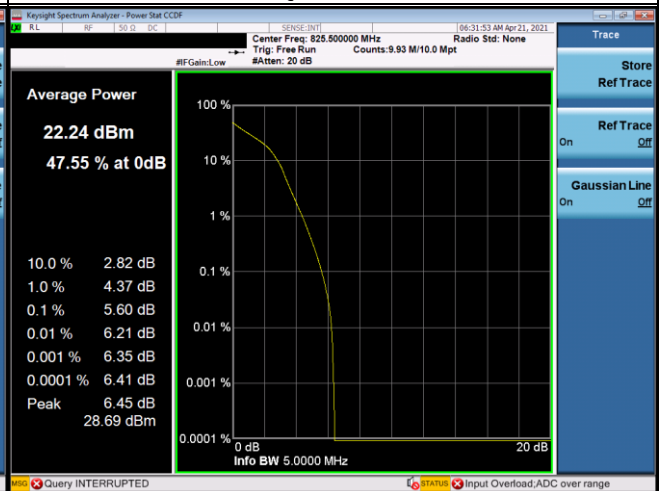
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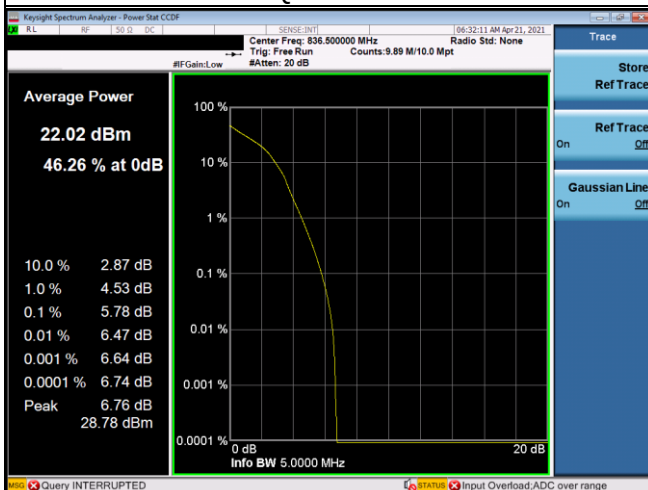
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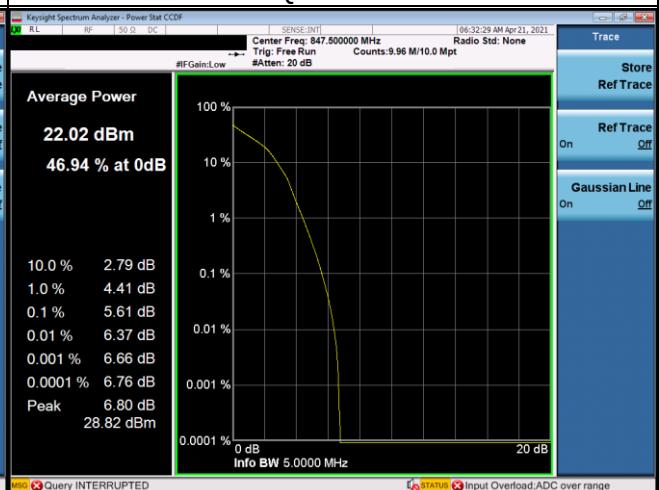
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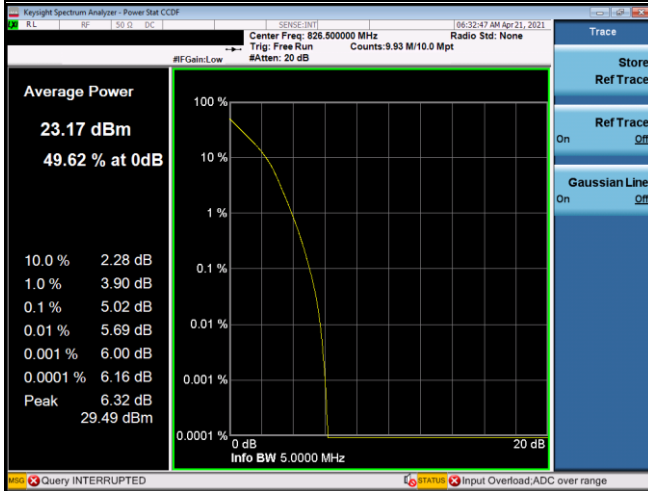


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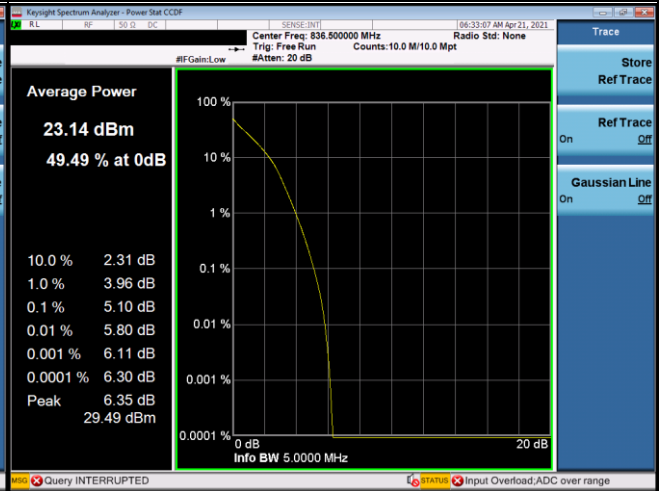


LTE Band 5_5M Spectrum Plot

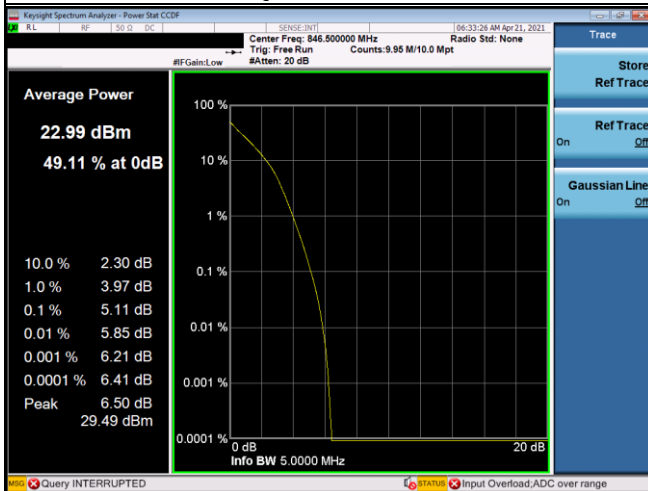
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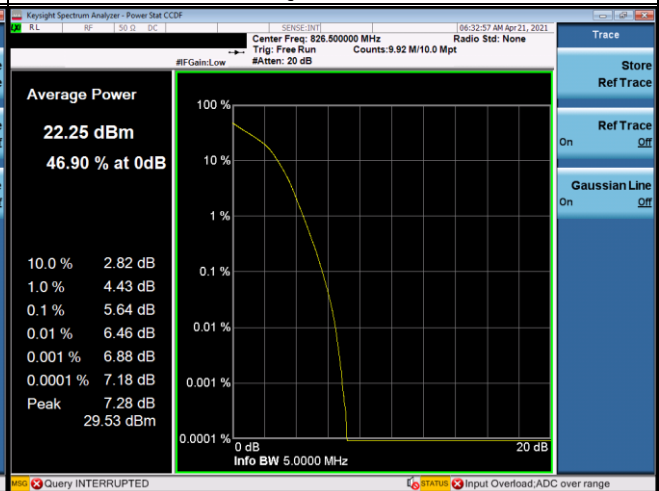
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QPSK-20625



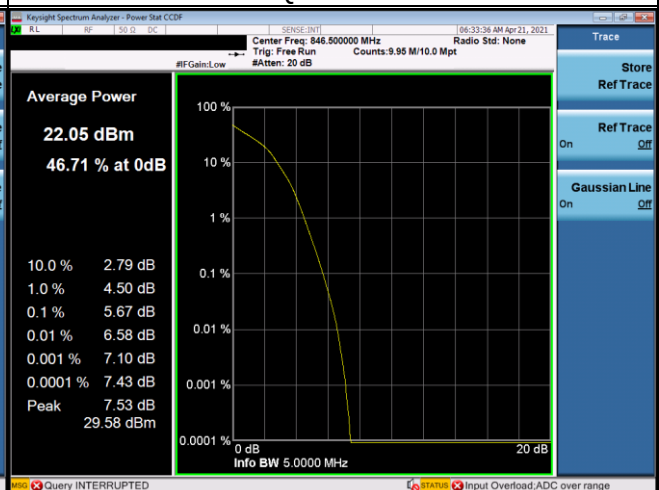
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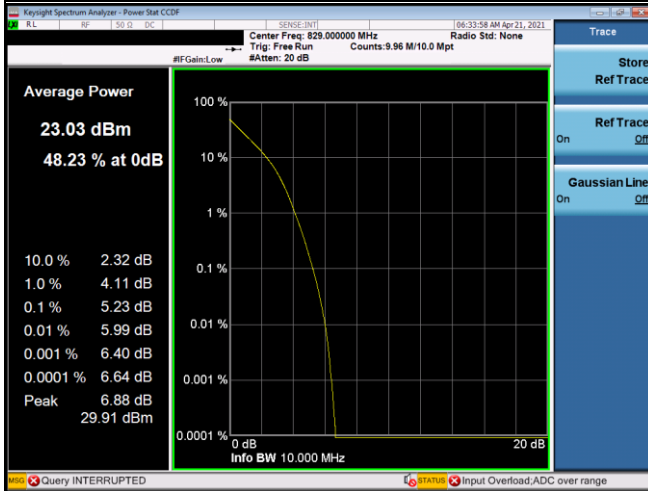


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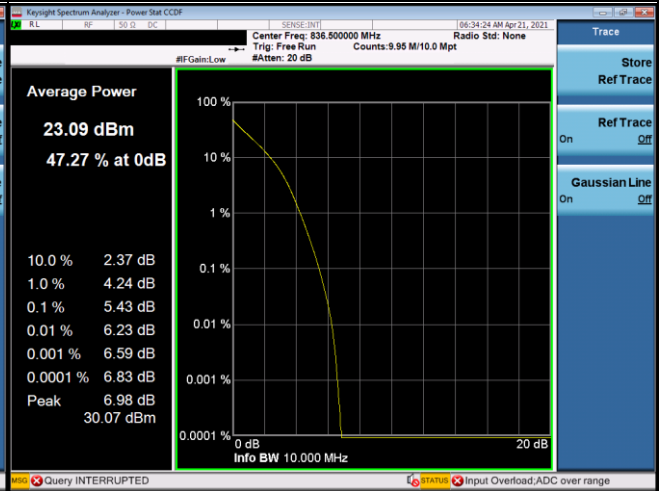


LTE Band 5_10M Spectrum Plot

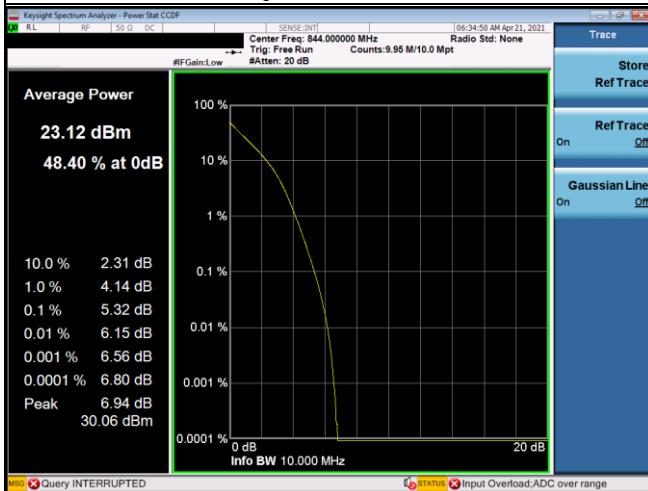
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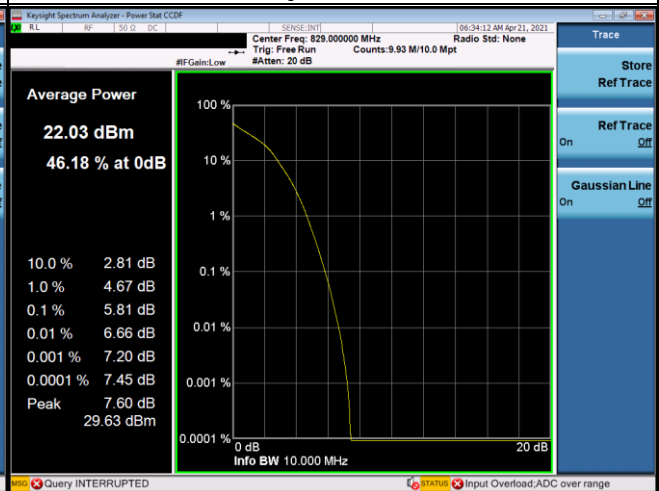
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QPSK-20600



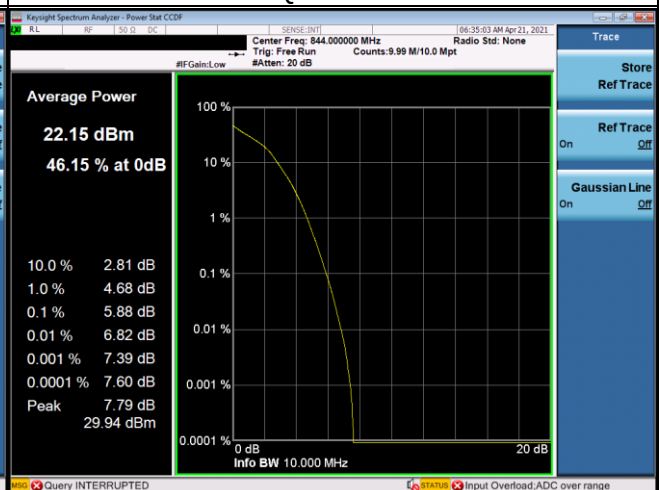
16QAM-20450



16QAM-20525



16QAM-20600



APPENDIX G FREQUENCY STABILITY

Test Mode	WCDMA Band V & LTE Band 5
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Voltage	Frequency Error(ppm)					Limit(ppm)
	WCDMA	LTE Band5				
		1.4MHz	3MHz	5MHz	10MHz	
High Voltage	-0.0003	-0.0072	-0.0007	0.0044	0.0008	2.5
Normal Voltage	-0.0087	-0.0044	0.0031	-0.0080	-0.0004	2.5
Low Voltage	-0.0006	-0.0015	-0.0024	-0.0028	0.0070	2.5

Temp	Frequency Error(ppm)					Limit(ppm)
	WCDMA	LTE Band5				
		1.4MHz	3MHz	5MHz	10MHz	
-40	-0.0037	0.0016	-0.0082	-0.0090	-0.0087	2.5
-30	-0.0033	0.0051	0.0040	-0.0075	-0.0079	2.5
-20	-0.0024	0.0047	0.0061	-0.0088	-0.0006	2.5
-10	-0.0007	-0.0039	-0.0063	-0.0009	-0.0023	2.5
0	-0.0037	-0.0082	0.0033	0.0050	-0.0053	2.5
10	0.0004	0.0050	0.0039	-0.0080	0.0010	2.5
20	0.0049	-0.0021	0.0078	-0.0038	0.0029	2.5
30	-0.0052	-0.0085	-0.0079	-0.0029	0.0016	2.5
40	0.0055	0.0070	0.0033	-0.0065	-0.0040	2.5
50	0.0012	0.0074	-0.0021	0.0045	-0.0059	2.5
60	-0.0024	-0.0011	0.0006	-0.0076	0.0060	2.5
70	-0.0031	0.0005	-0.0082	-0.0064	0.0016	2.5
80	0.0077	0.0009	0.0088	0.0087	-0.0059	2.5
90	0.0016	0.0037	-0.0010	-0.0060	0.0051	2.5
95	-0.0076	0.0039	-0.0090	0.0036	0.0010	2.5

End of Test Report