

LTE Band 38_15M

1RB0

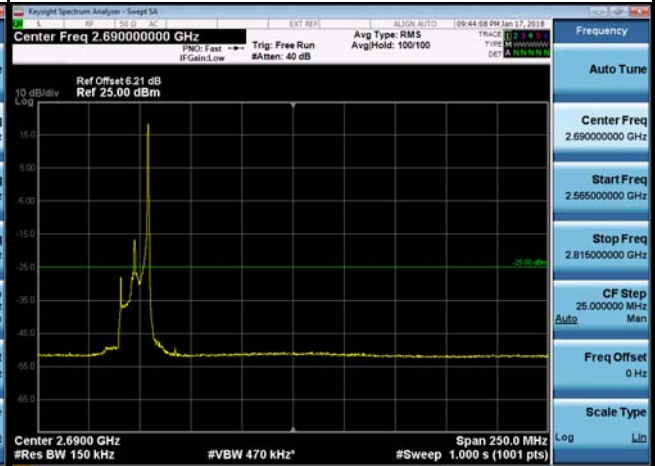
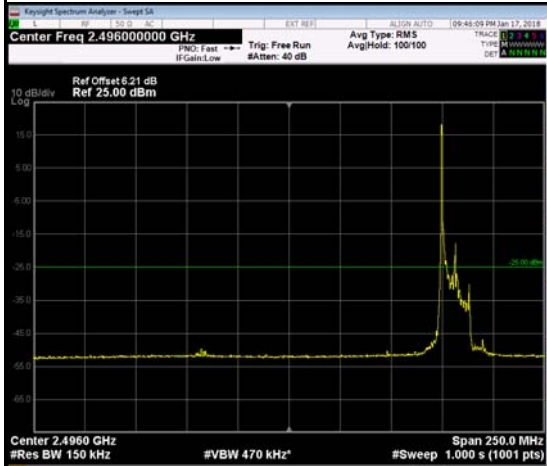
1RB74

Channel

37825

Channel

38175



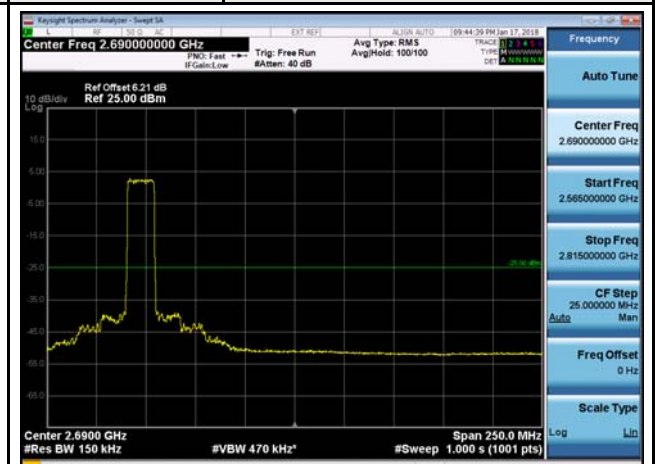
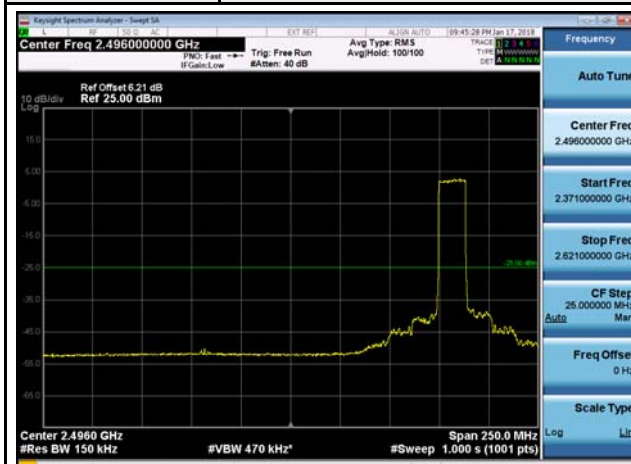
75RB0

Channel

37825

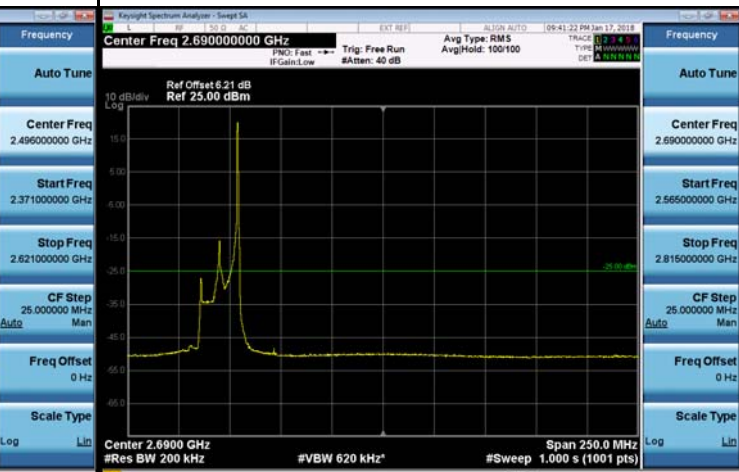
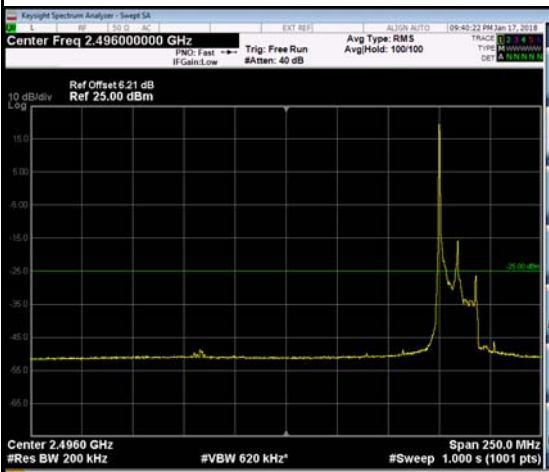
Channel

38175



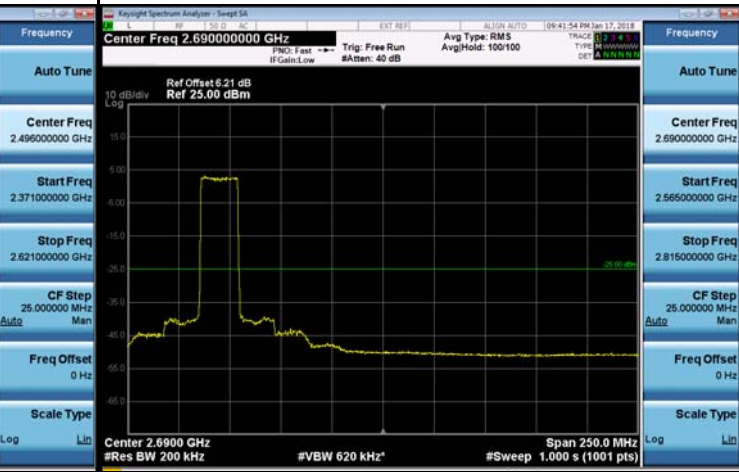
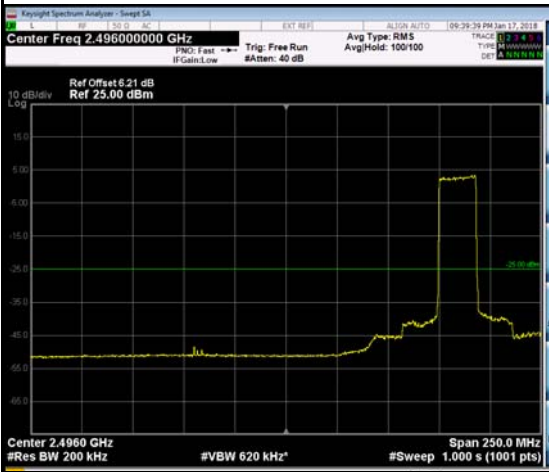
LTE Band 38_20M

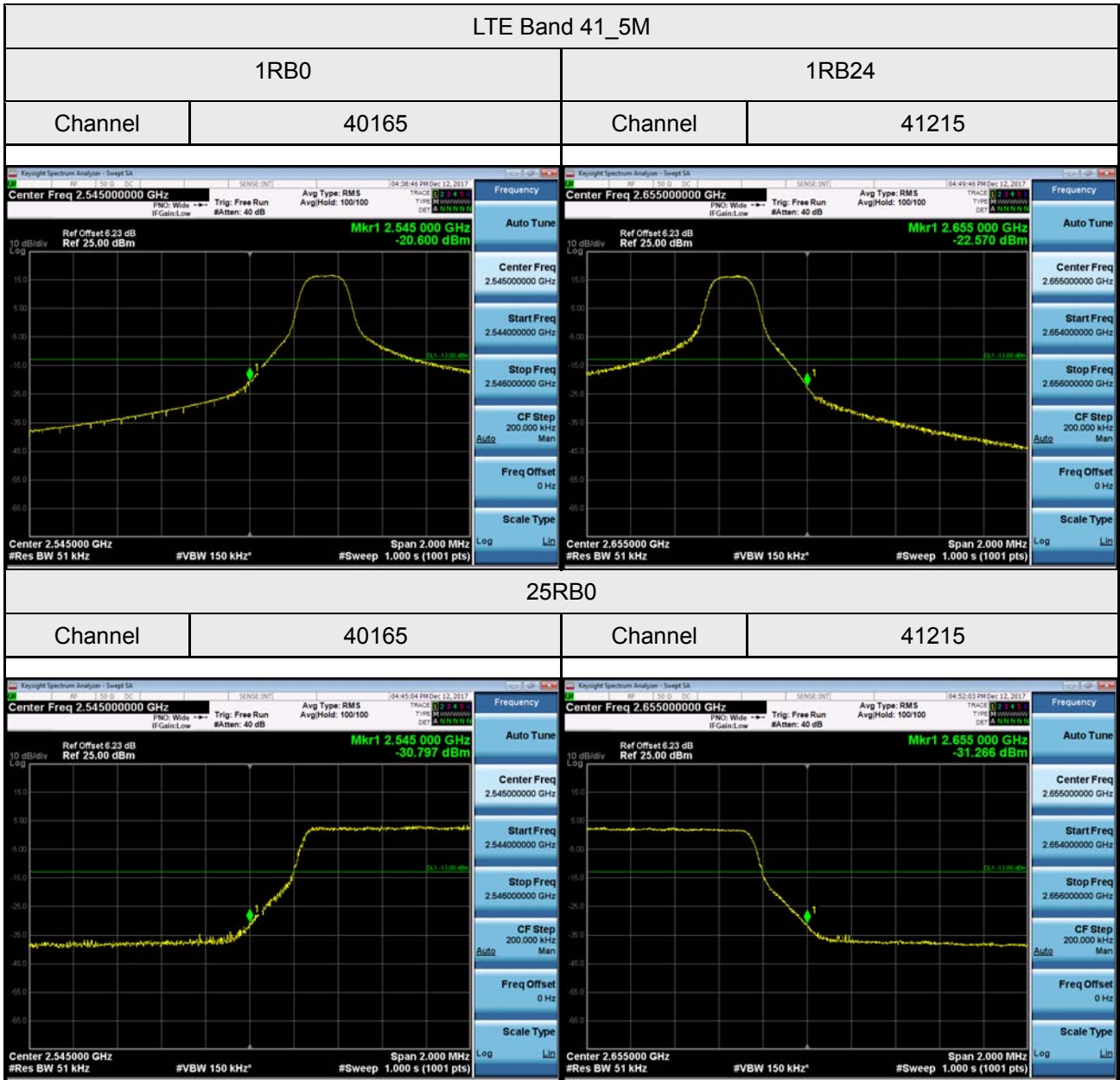
1RB0		1RB99	
Channel	37850	Channel	38150



100RB0

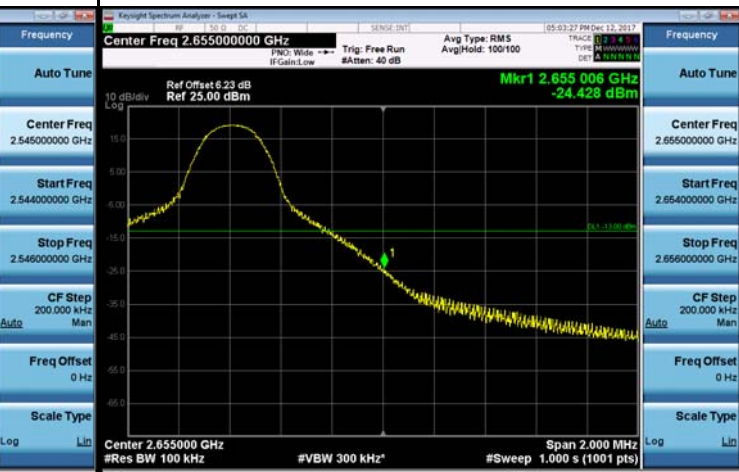
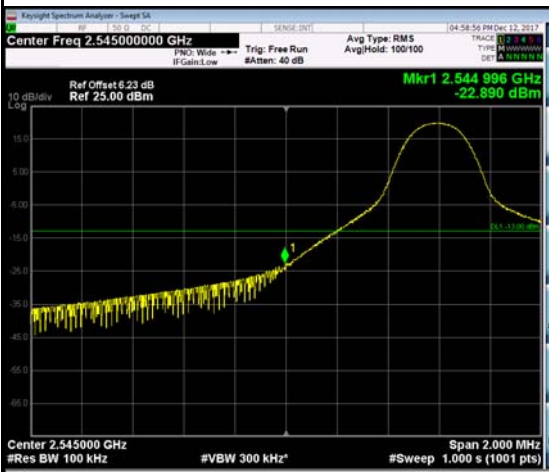
Channel	37850	Channel	38150
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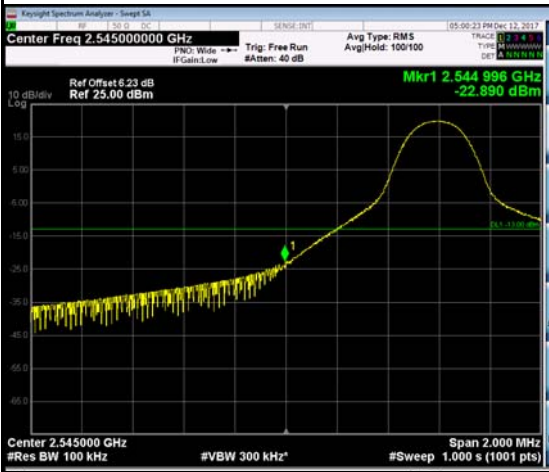
LTE Band 41_10M

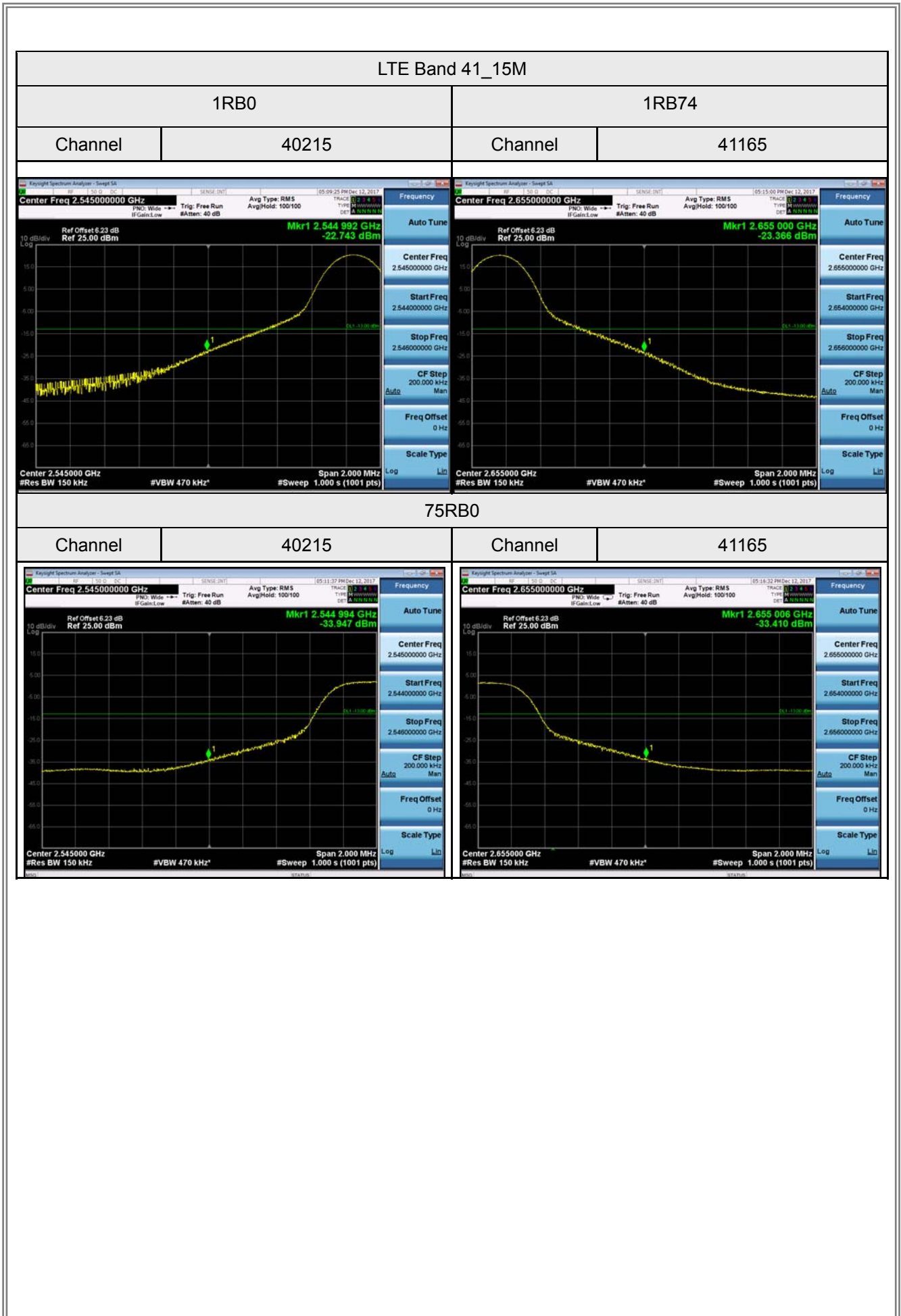
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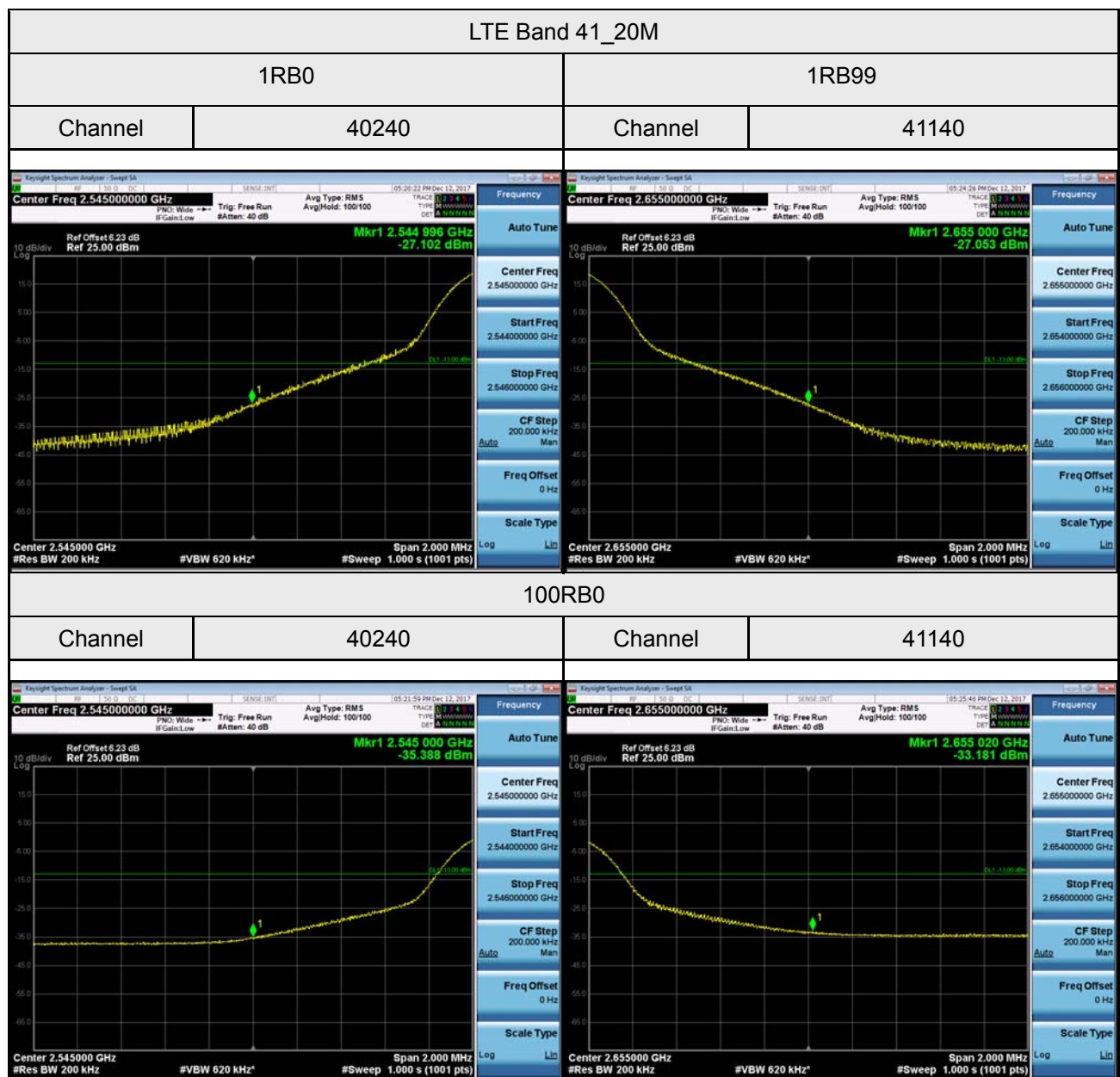


50RB0

Channel	40190	Channel	41190
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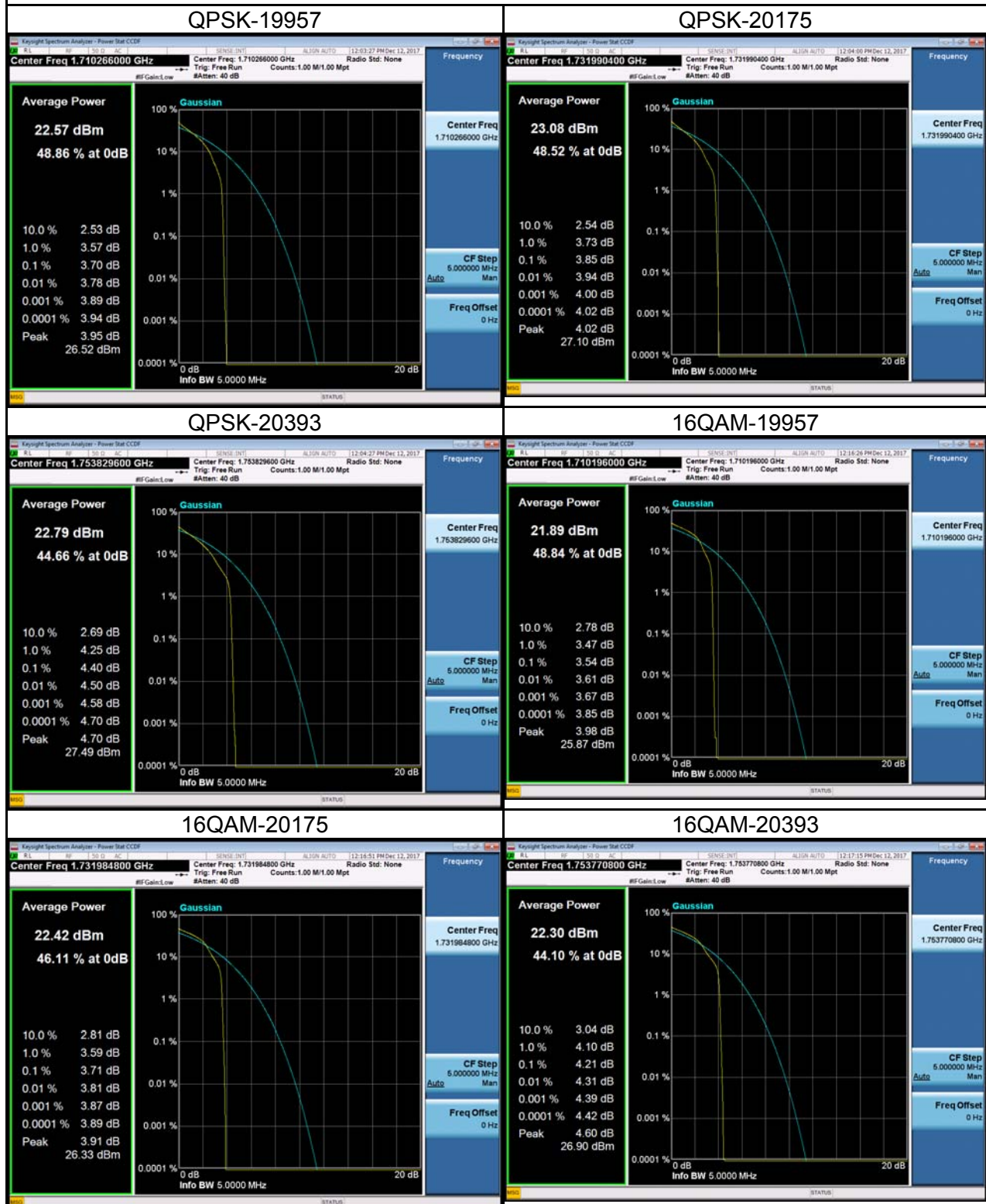




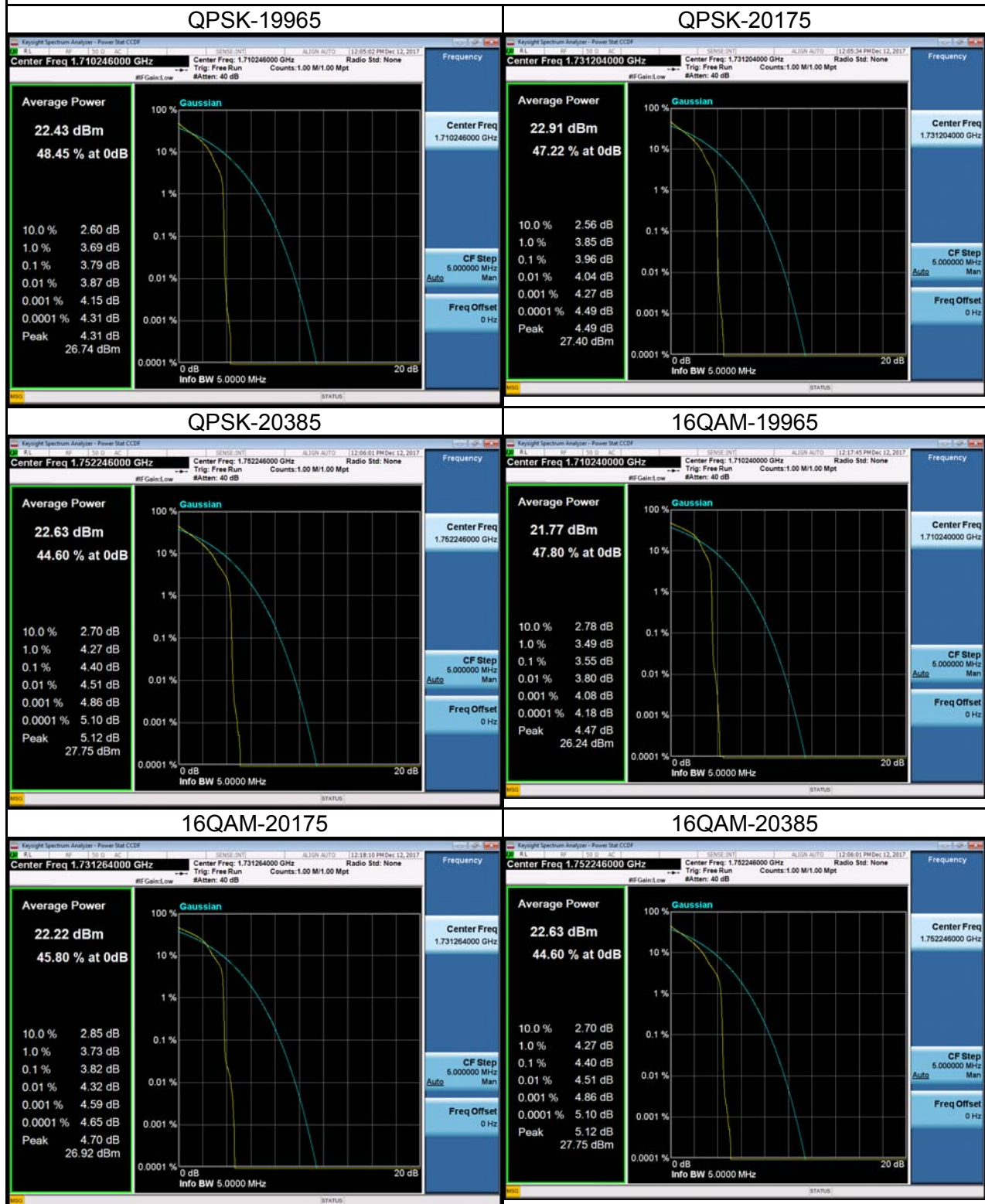


APPENDIX F - PEAK TO AVERAGE RATIO

LTE Band 4 Spectrum Plot_1.4M

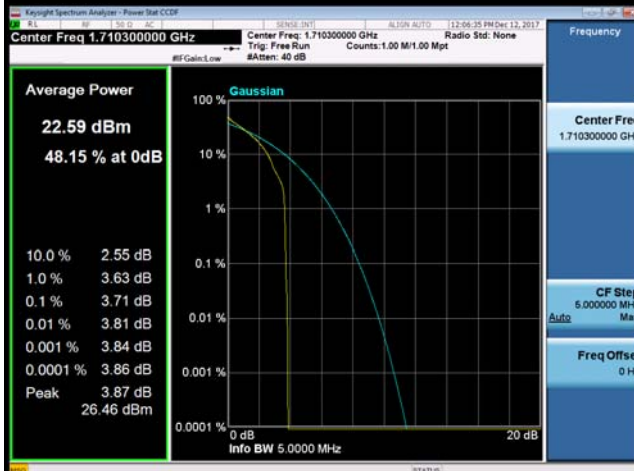


LTE Band 4 Spectrum Plot_3M



LTE Band 4 Spectrum Plot_5M

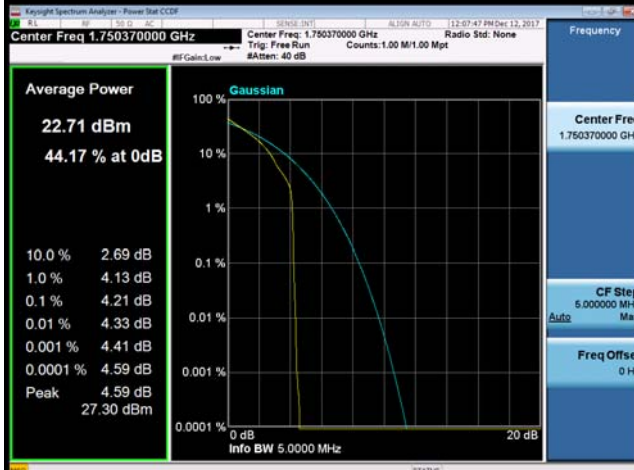
QPSK-19975



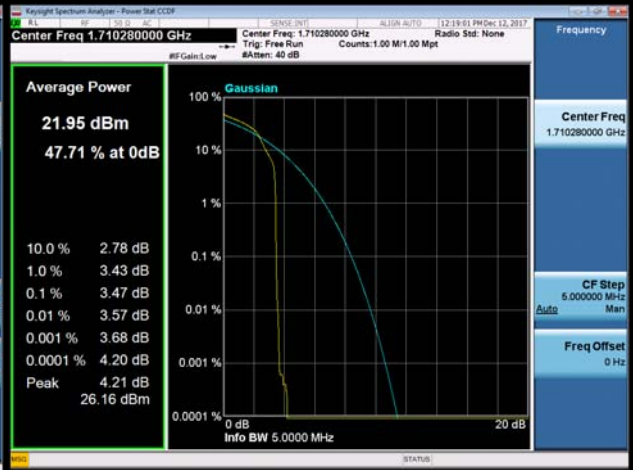
QPSK-20175



QPSK-20375



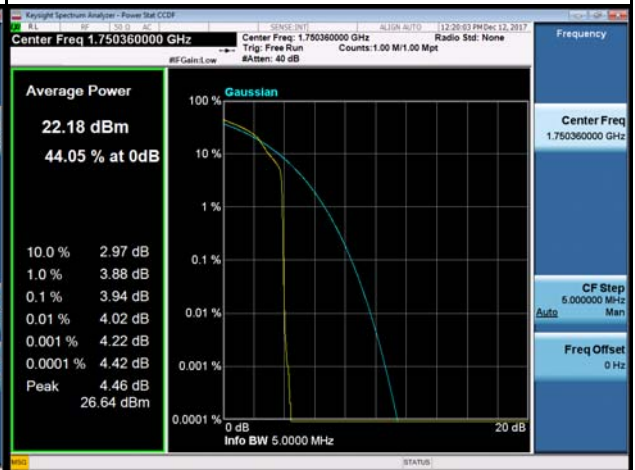
16QAM-19975



16QAM-20175

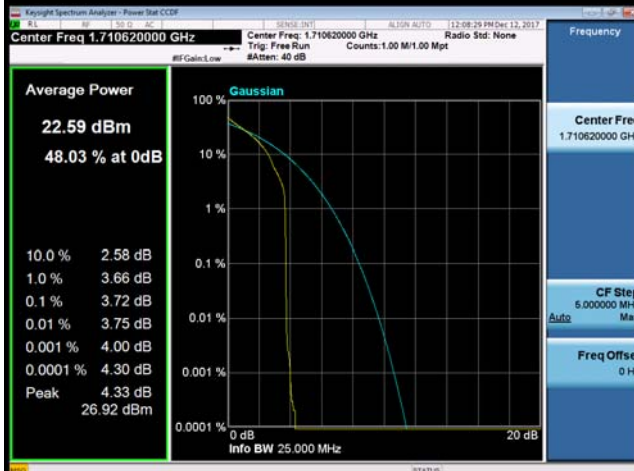


16QAM-20375



LTE Band 4 Spectrum Plot_10M

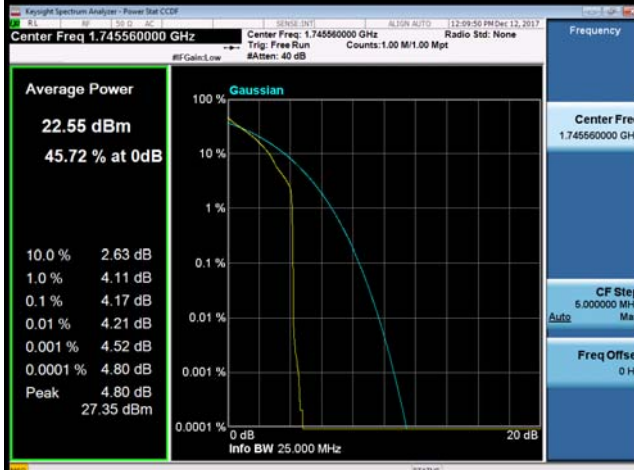
QPSK-20000



QPSK-20175



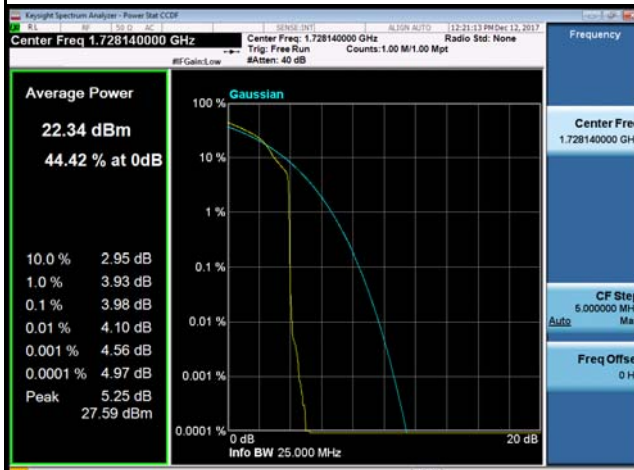
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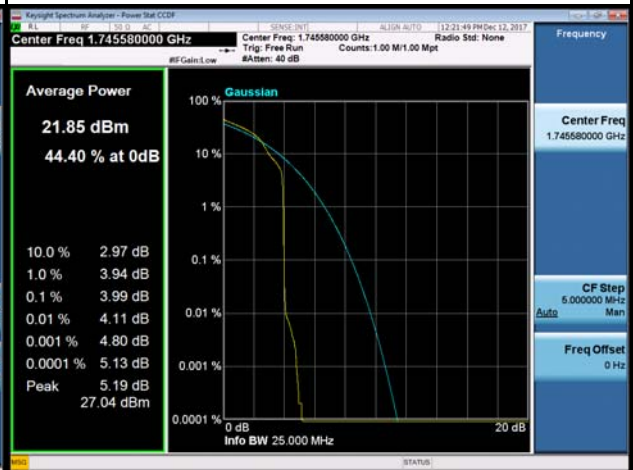
16QAM-20000



16QAM-20175

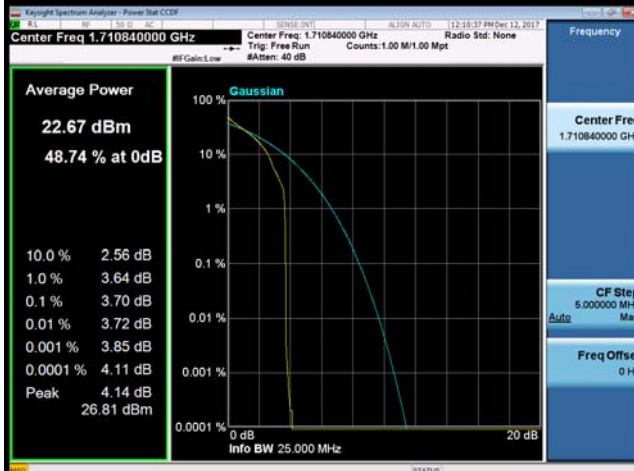


16QAM-20350



LTE Band 4 Spectrum Plot_15M

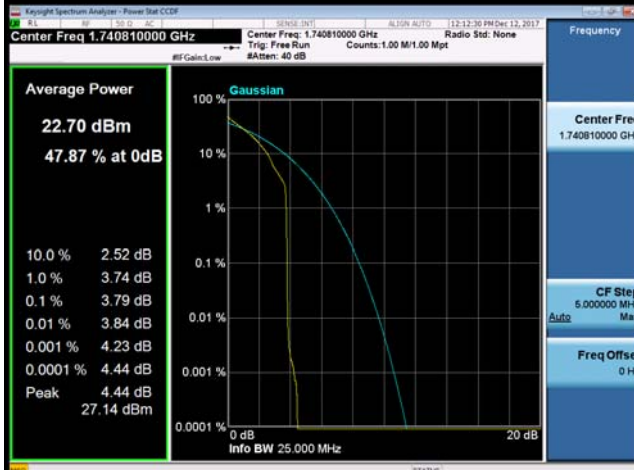
QPSK-20025



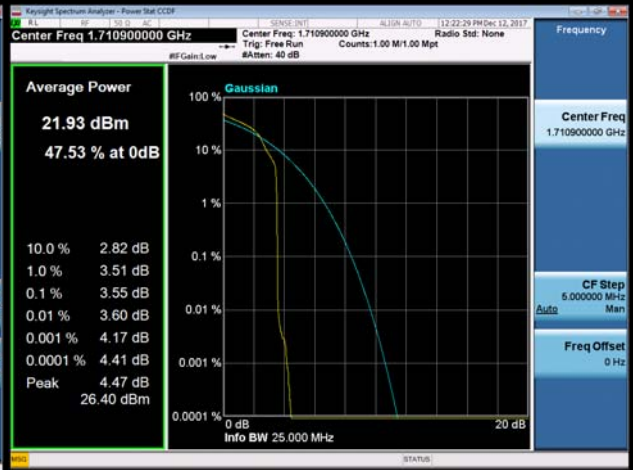
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QPSK-20325



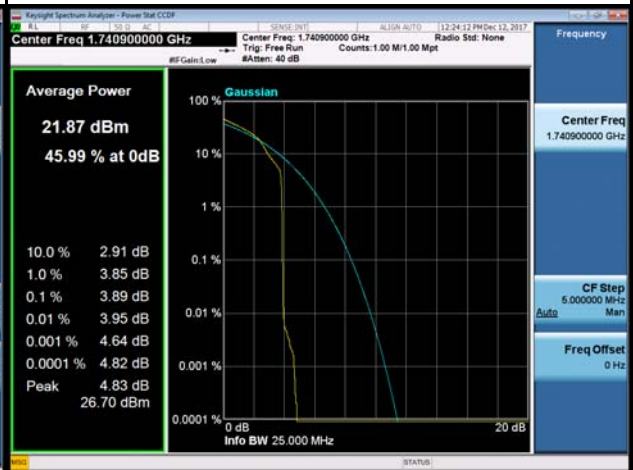
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16QAM-20175

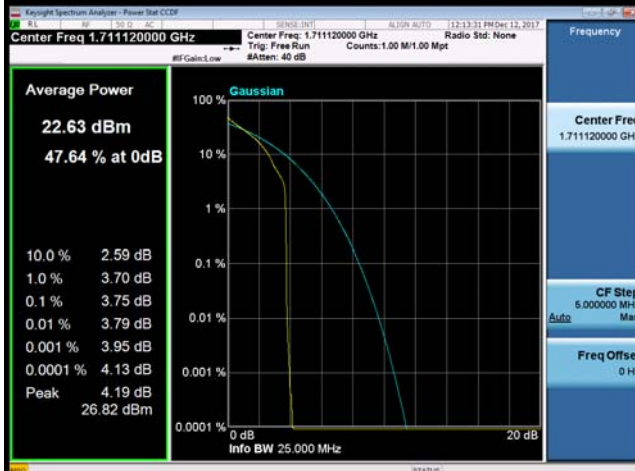


16QAM-20325



LTE Band 4 Spectrum Plot_20M

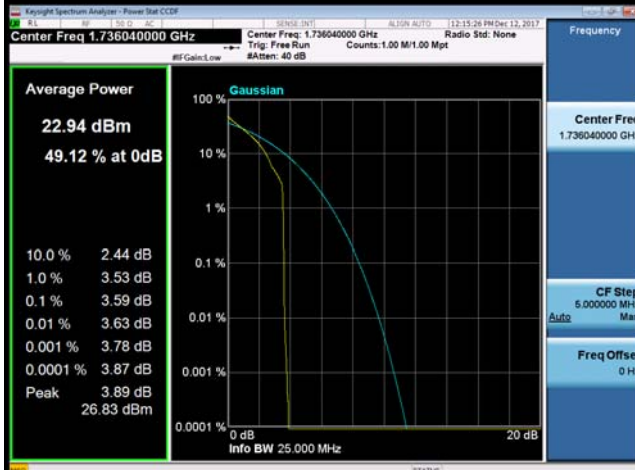
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QPSK-20175



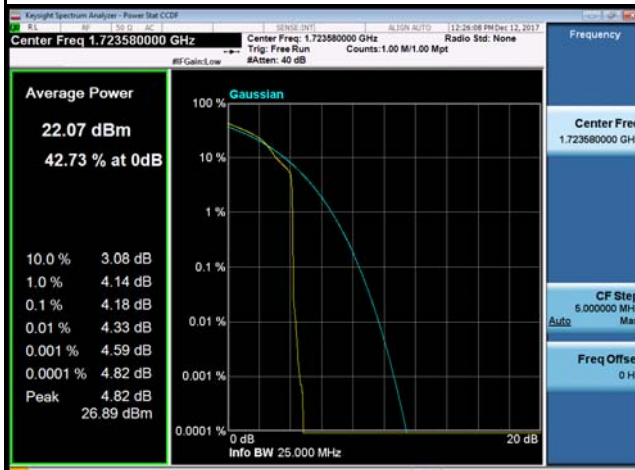
QPSK-20300



16QAM-20050



16QAM-20175

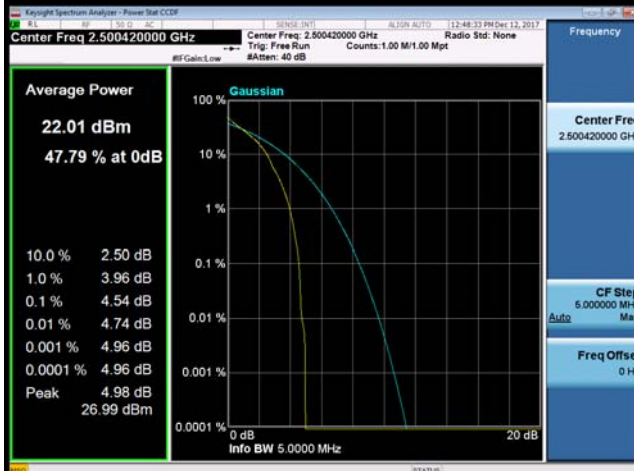


16QAM-20300



LTE Band 7 Spectrum Plot_5M

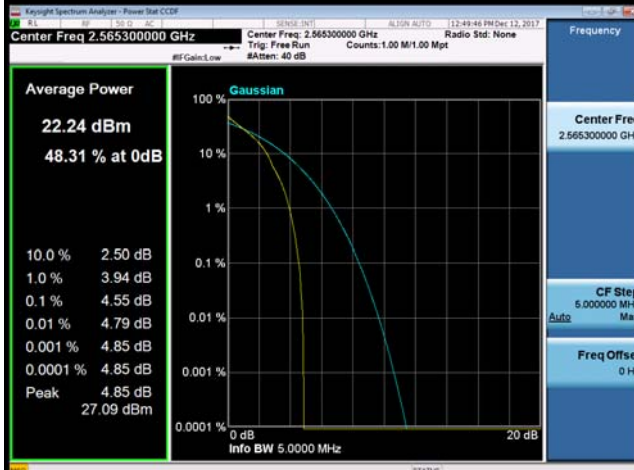
QPSK-20775



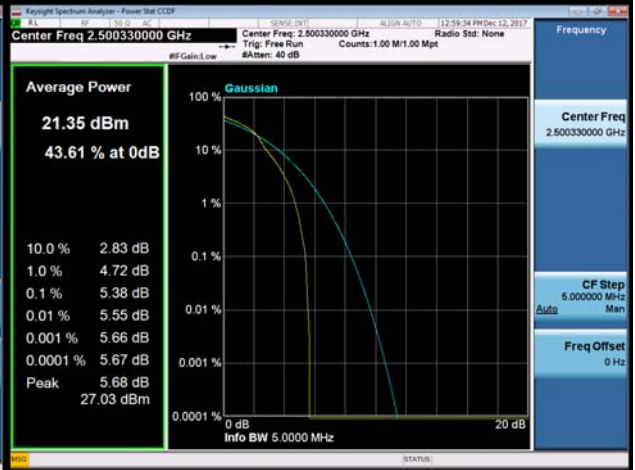
QPSK-21100



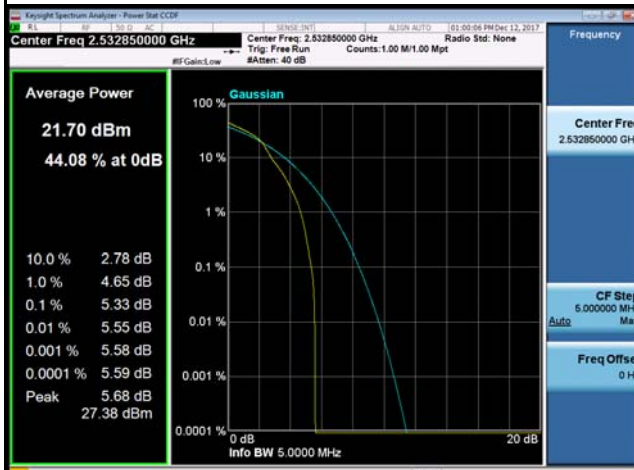
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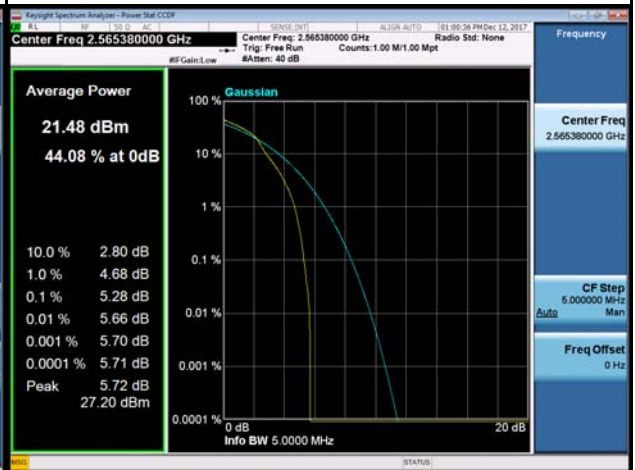
16QAM-20775



16QAM-21100

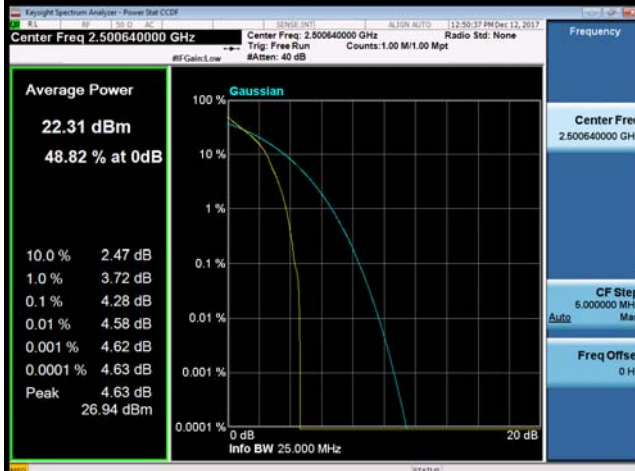


16QAM-21425



LTE Band 7 Spectrum Plot_10M

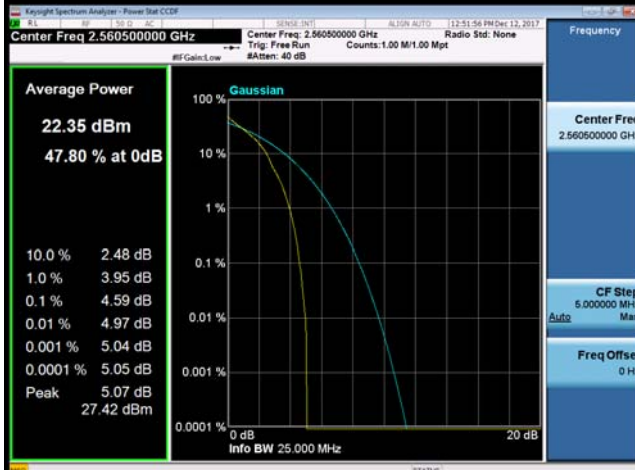
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QPSK-21100



QPSK-21400



16QAM-20800



16QAM-21100

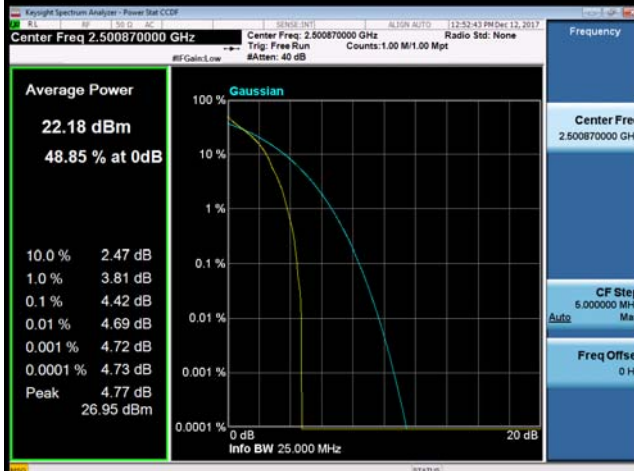


16QAM-21400



LTE Band 7 Spectrum Plot_15M

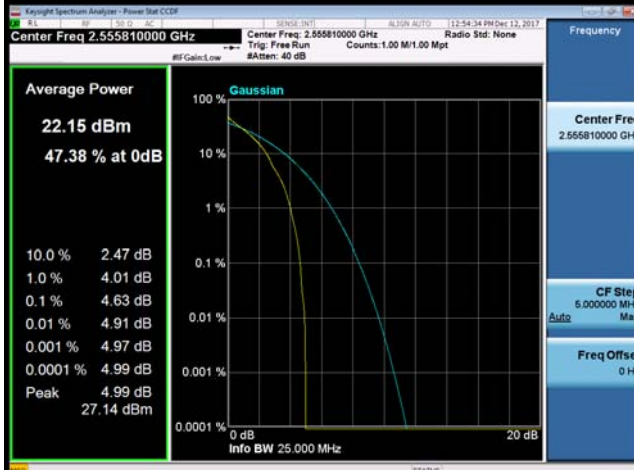
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QPSK-21100



QPSK-21375



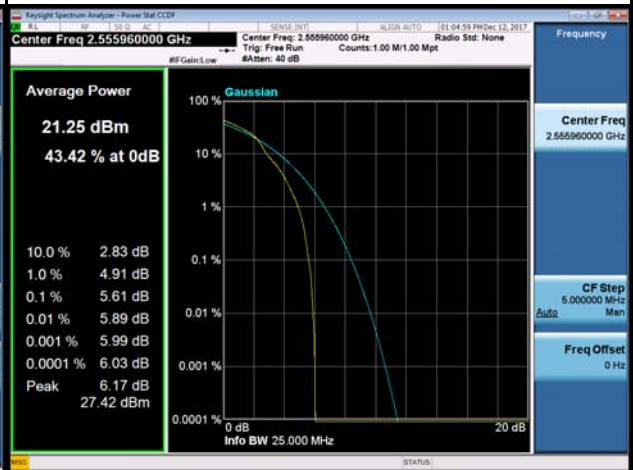
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16QAM-21100

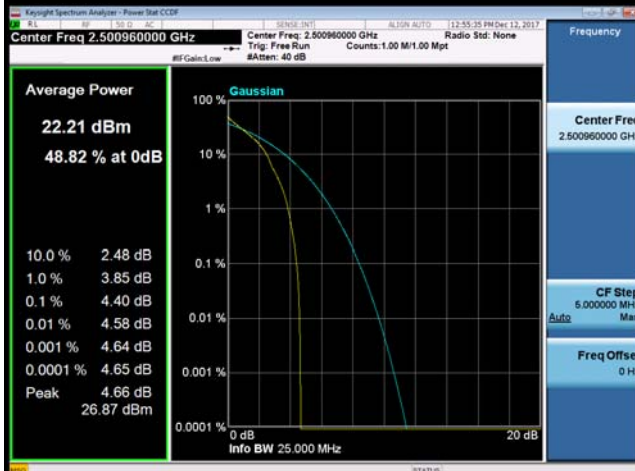


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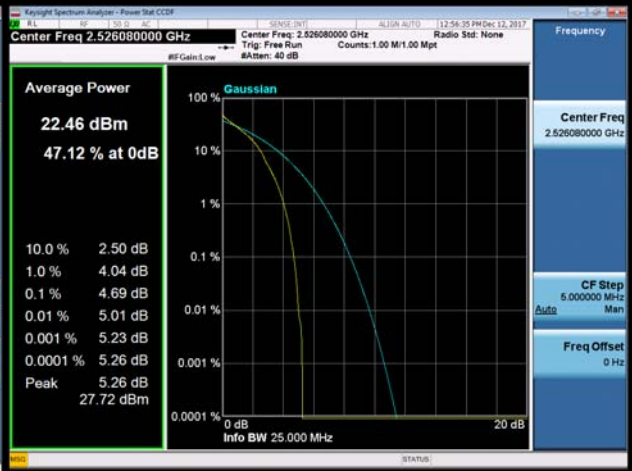


LTE Band 7 Spectrum Plot_20M

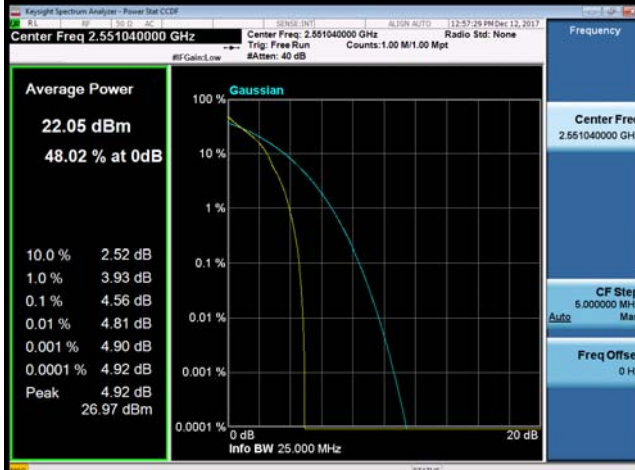
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QPSK-21100



QPSK-21350



16QAM-20850



16QAM-21100

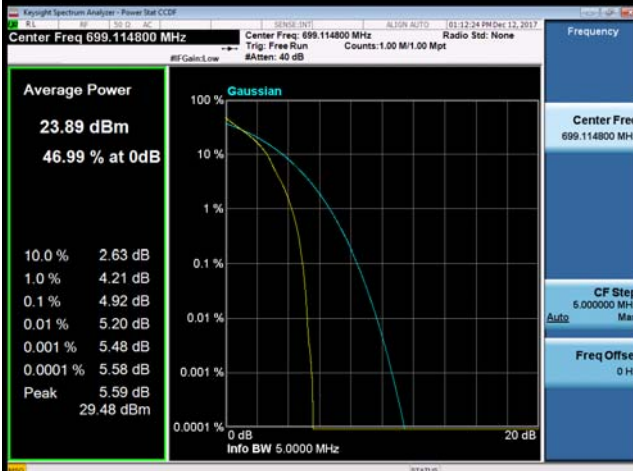


16QAM-21350



LTE Band 12 Spectrum Plot_1.4M

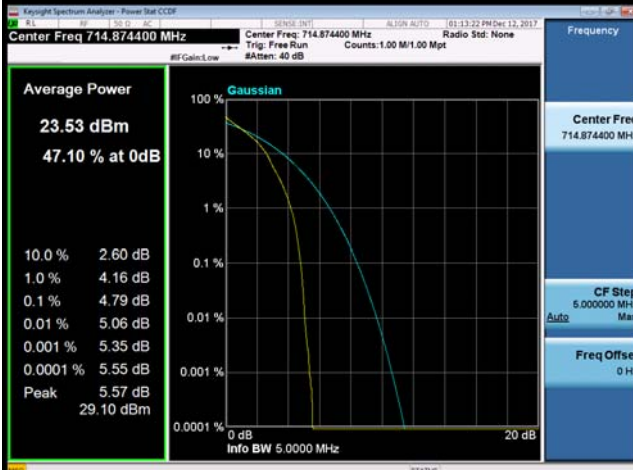
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QPSK-23095



QPSK-23173



16QAM-23017



16QAM-23095

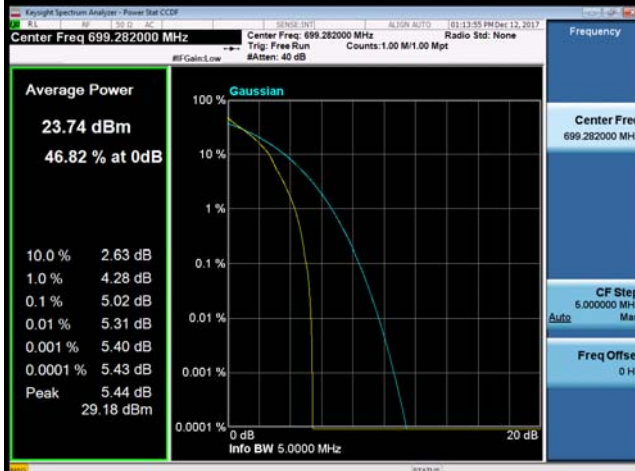


16QAM-23173

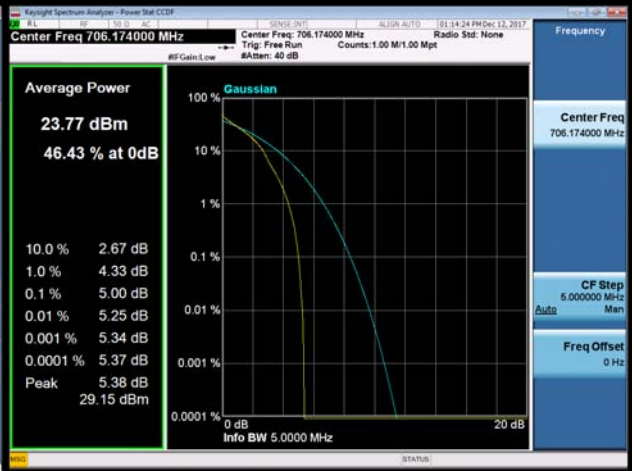


LTE Band 12 Spectrum Plot_3M

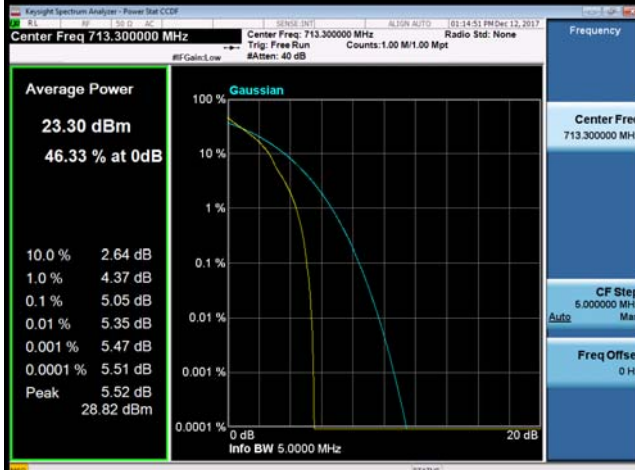
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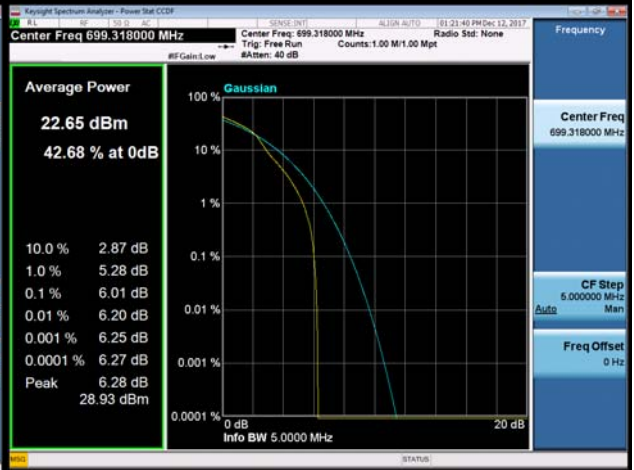
QPSK-23095



QPSK-23165



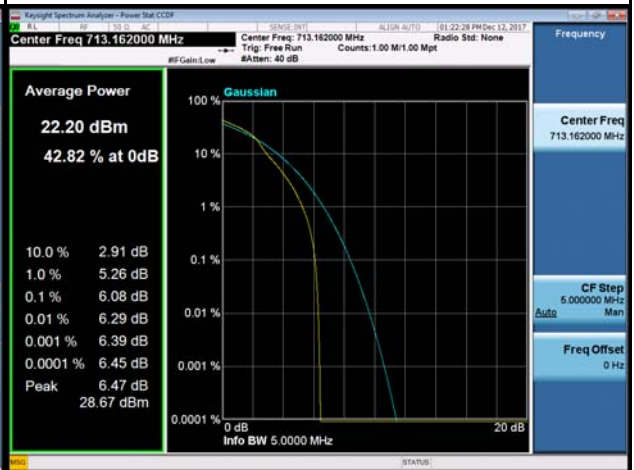
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16QAM-23095

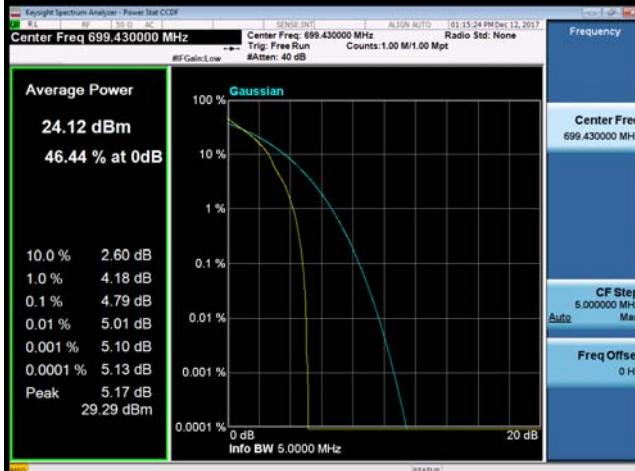


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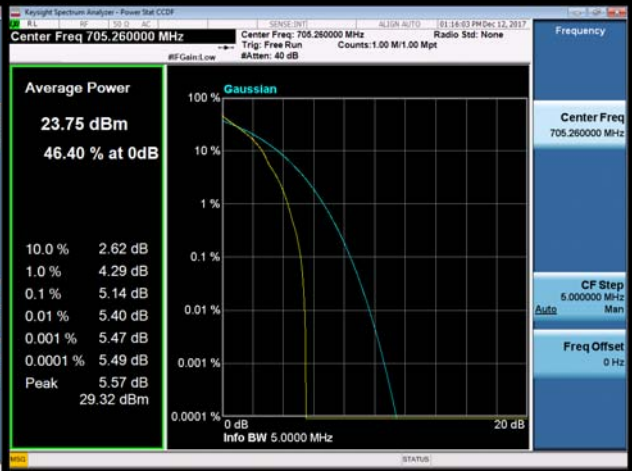


LTE Band 12 Spectrum Plot_5M

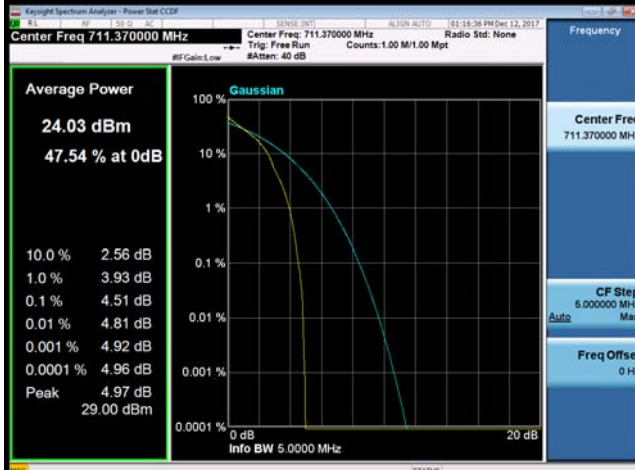
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QPSK-23095



QPSK-23155



16QAM-23035



16QAM-23095

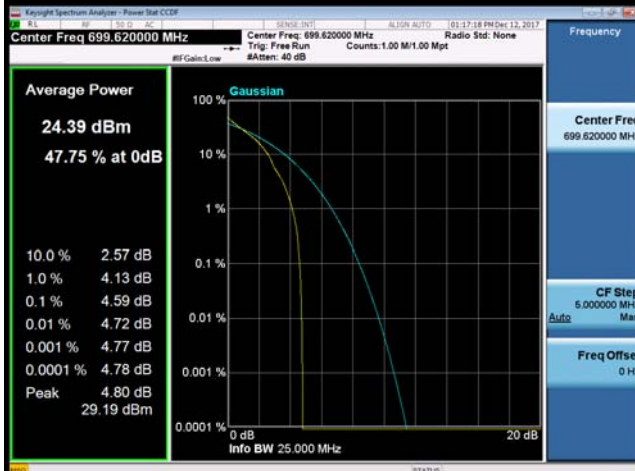


16QAM-23155

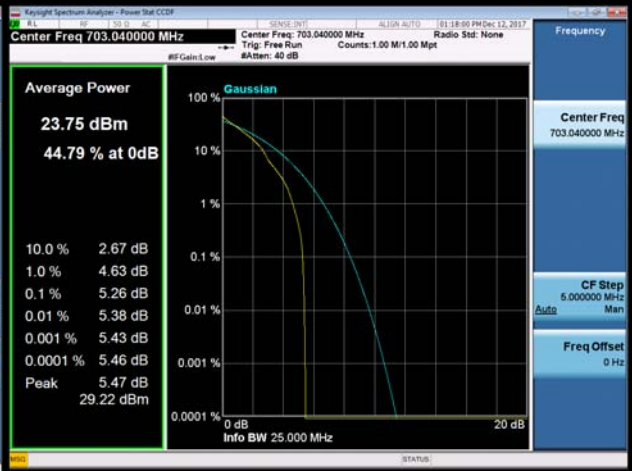


LTE Band 12 Spectrum Plot_10M

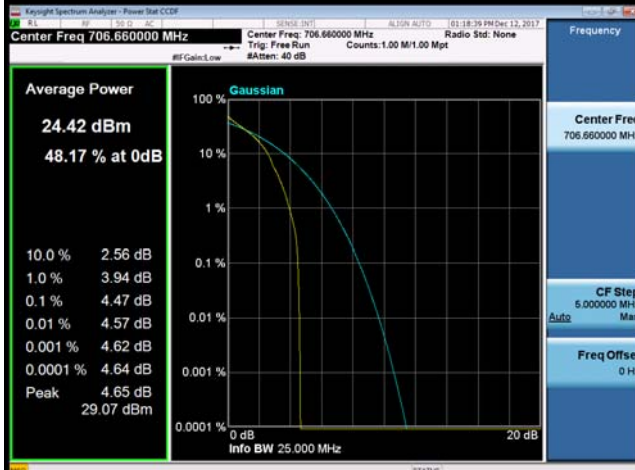
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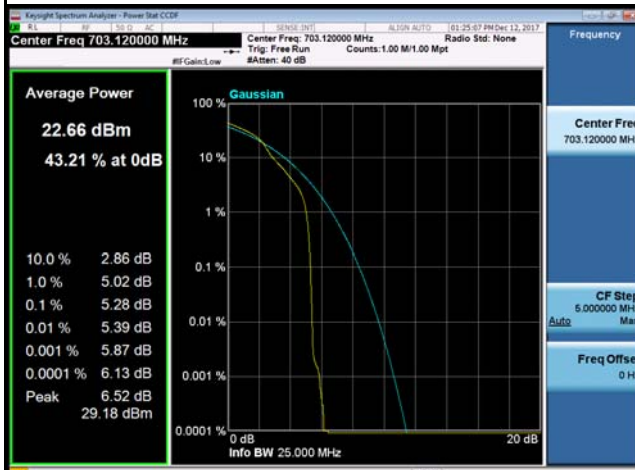
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16QAM-20175

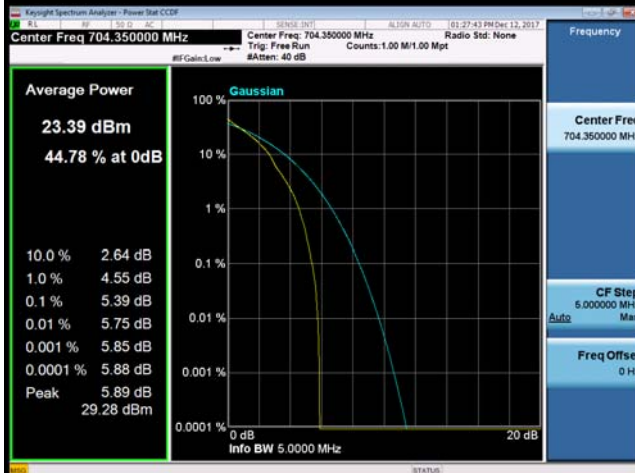


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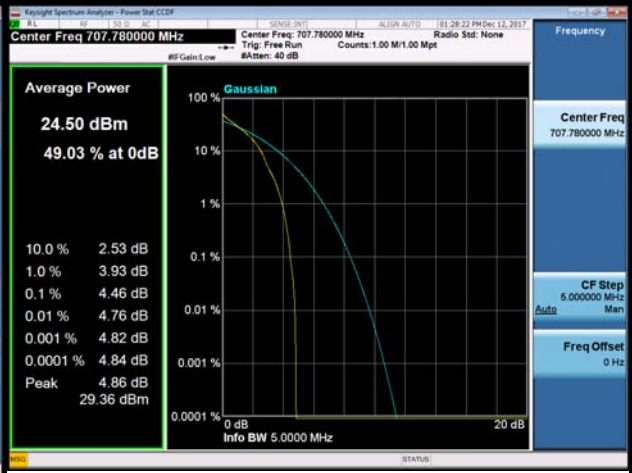


LTE Band 17 Spectrum Plot_5M

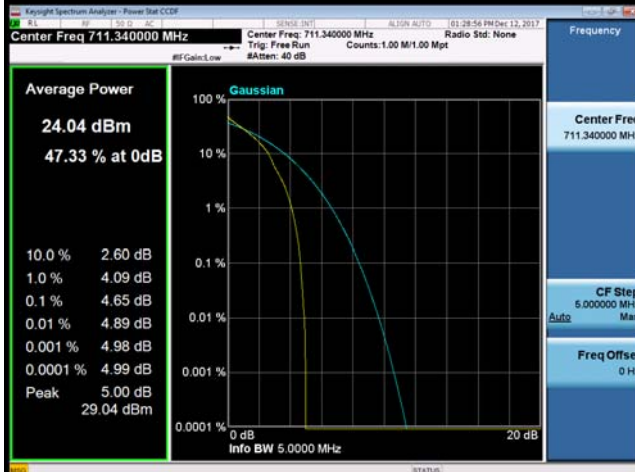
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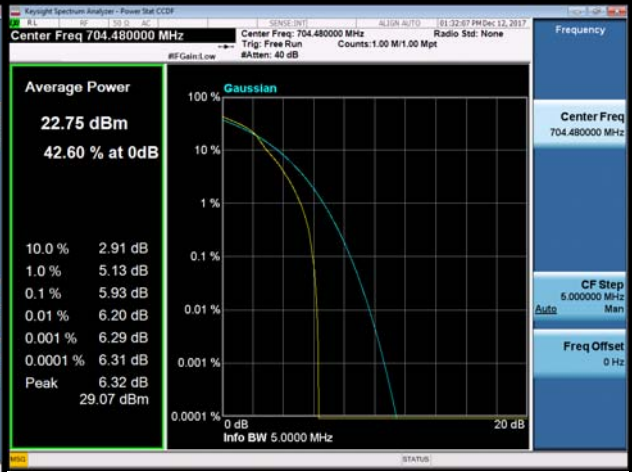
QPSK23790



QPSK-23825



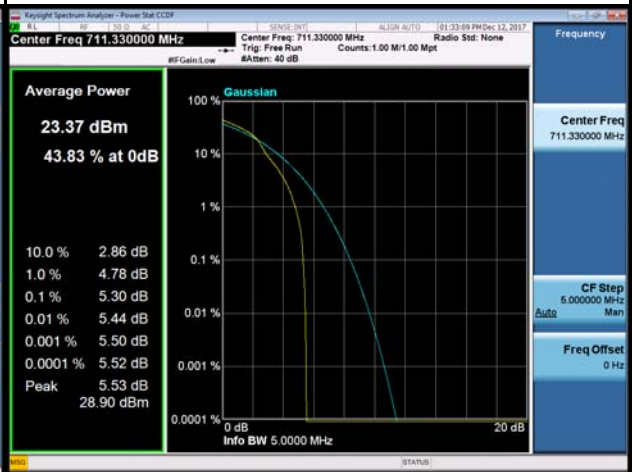
16QAM-23755



16QAM-23790

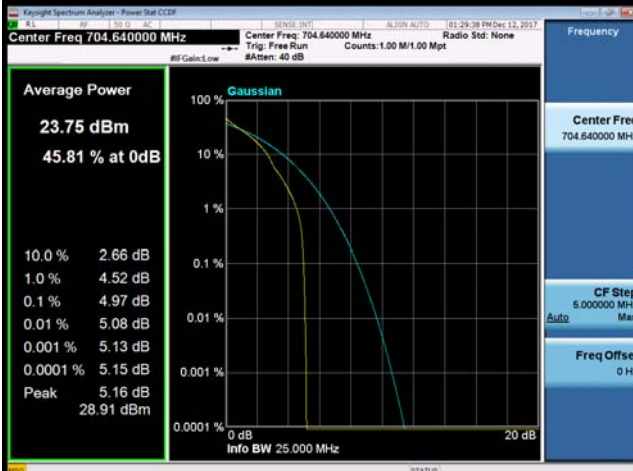


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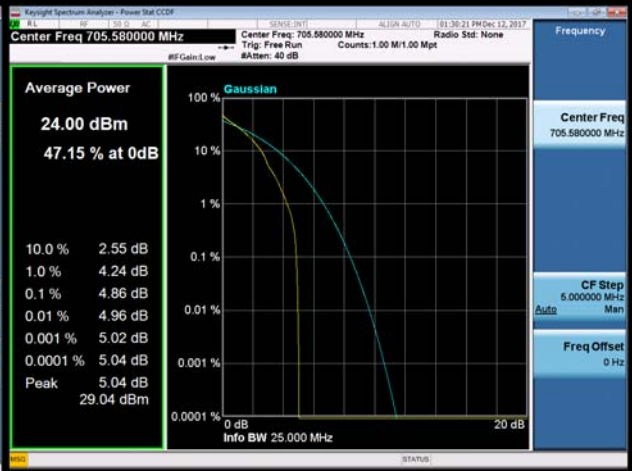


LTE Band 17 Spectrum Plot_10M

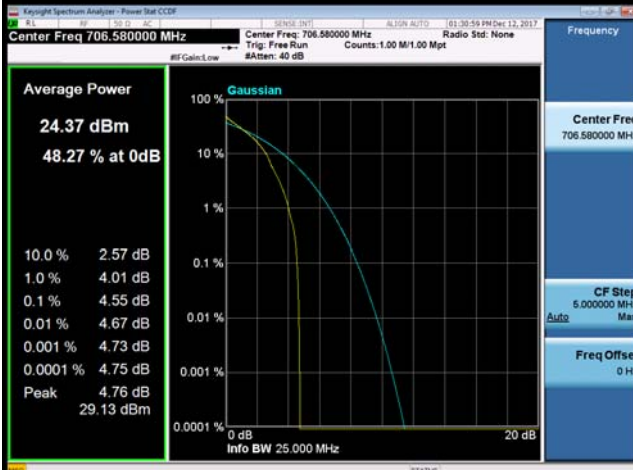
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QPSK-23790



QPSK-23800



16QAM-23780



16QAM-23790

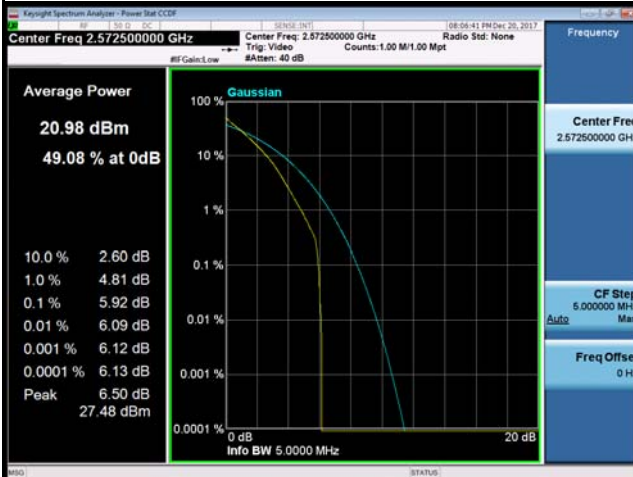


16QAM-23800

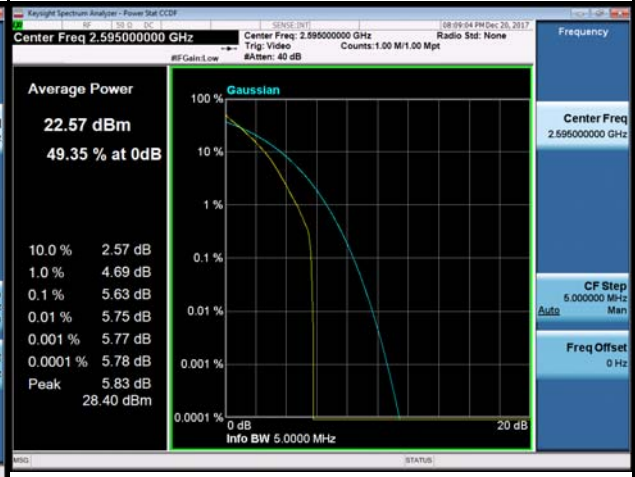


LTE Band 38 Spectrum Plot_5M

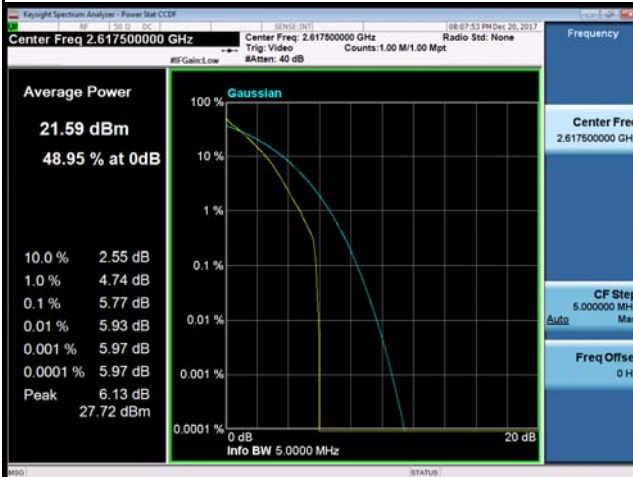
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QPSK-38000



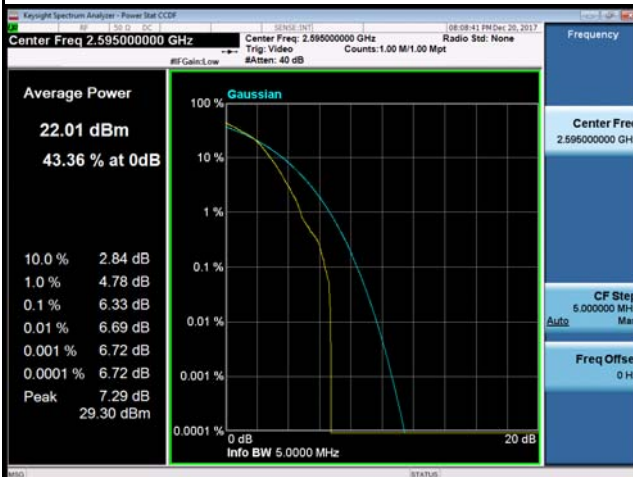
QPSK-38225



16QAM-37775



16QAM-38000

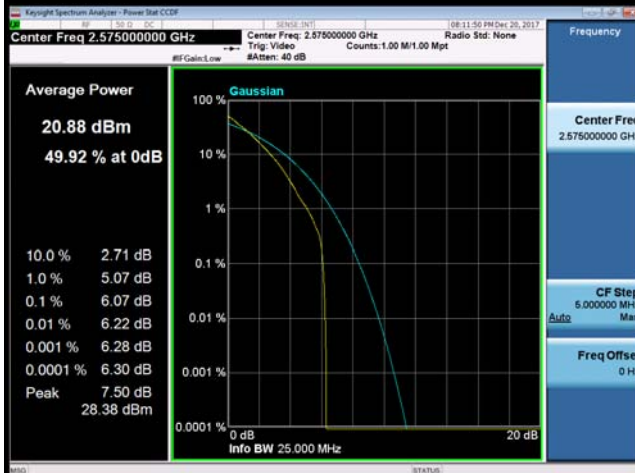


16QAM-38225

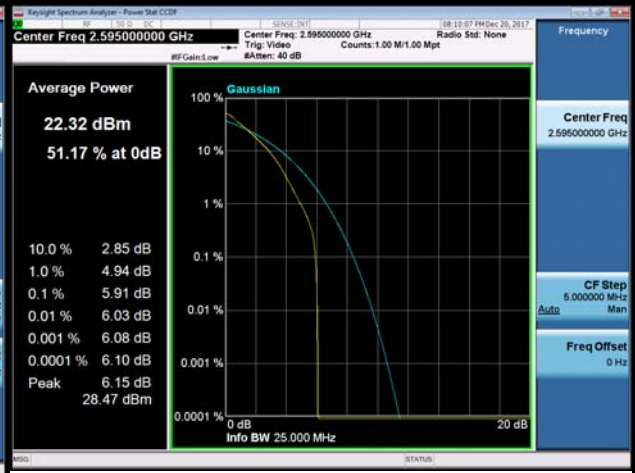


LTE Band 38 Spectrum Plot_10M

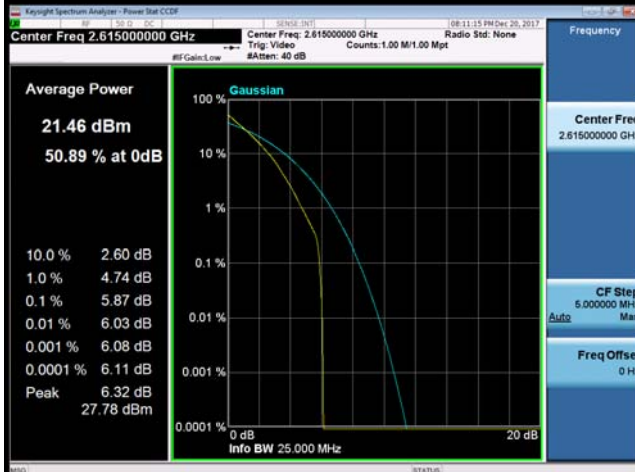
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QPSK-38000



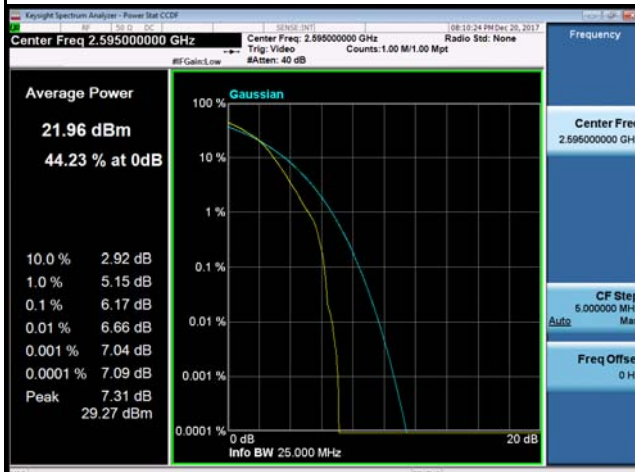
QPSK-38200



16QAM-37800



16QAM-38000

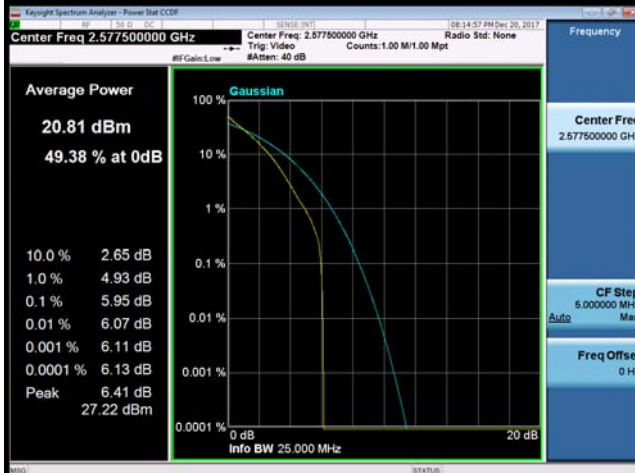


16QAM-38200

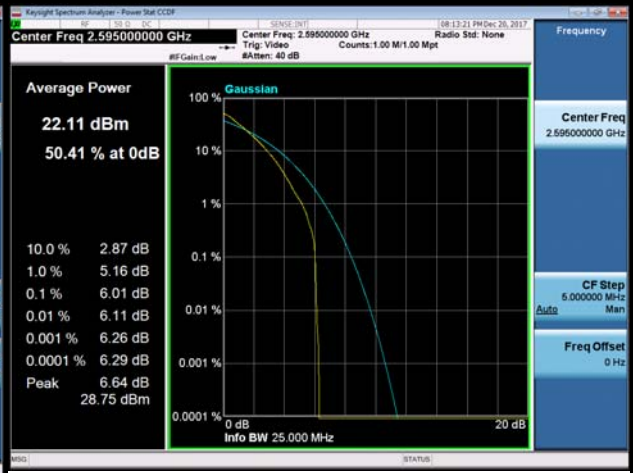


LTE Band 38 Spectrum Plot_15M

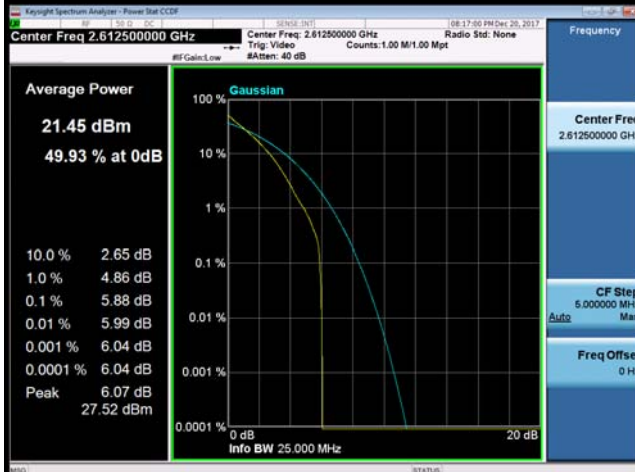
QPSK-37825



QPSK-38000



QPSK-38175



16QAM-37825



16QAM-38000



16QAM-38175

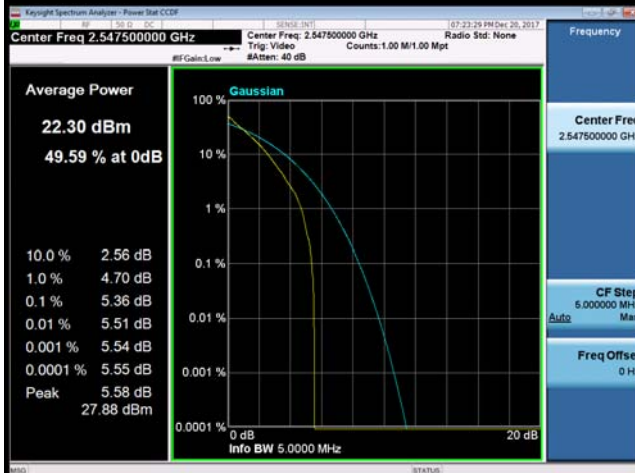


LTE Band 38 Spectrum Plot_20M

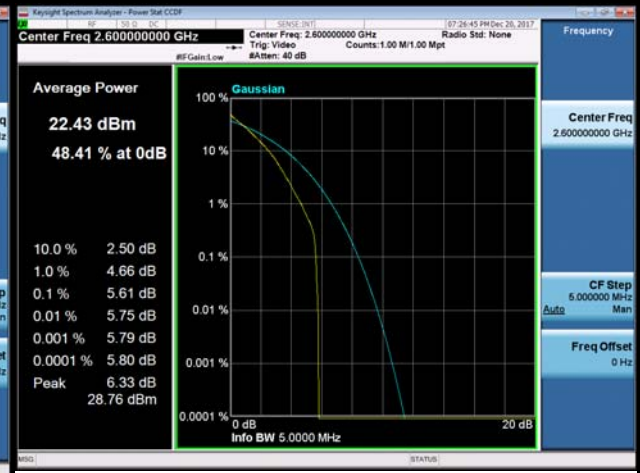


LTE Band 41 Spectrum Plot_5M

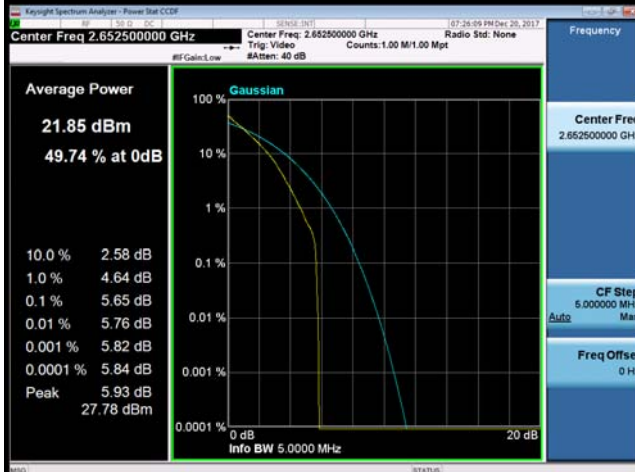
QPSK-40165



QPSK-40690



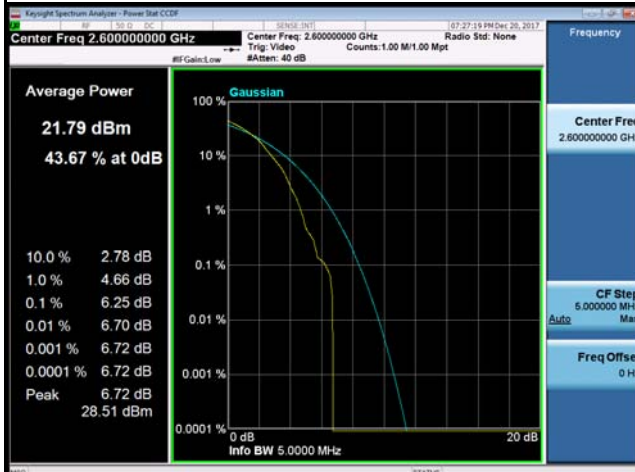
QPSK-41215



16QAM-40165



16QAM-40690

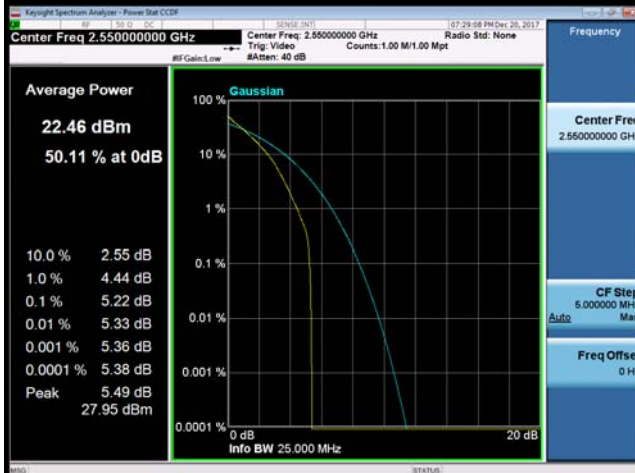


16QAM-41215

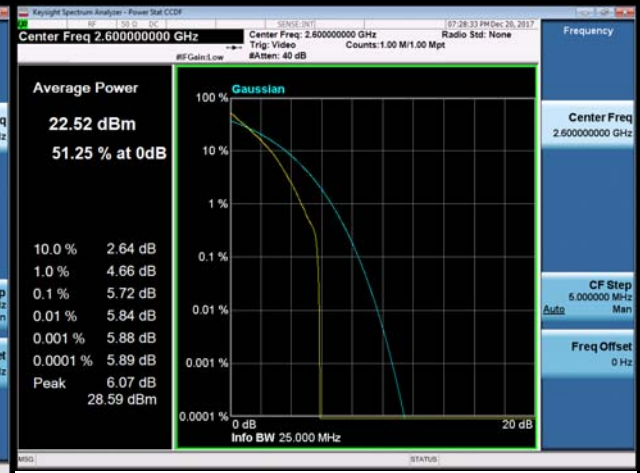


LTE Band 41 Spectrum Plot_10M

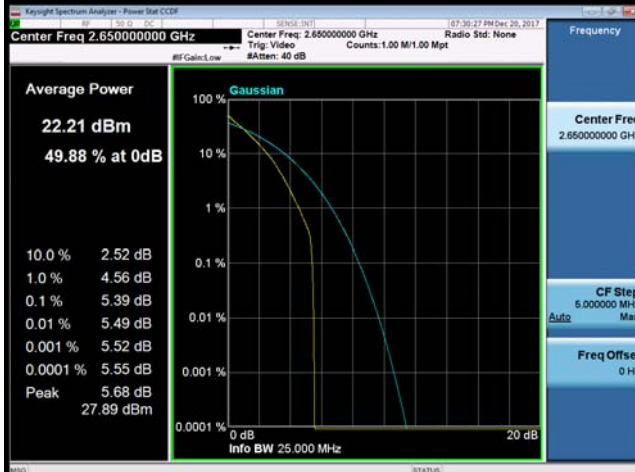
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QPSK-40690



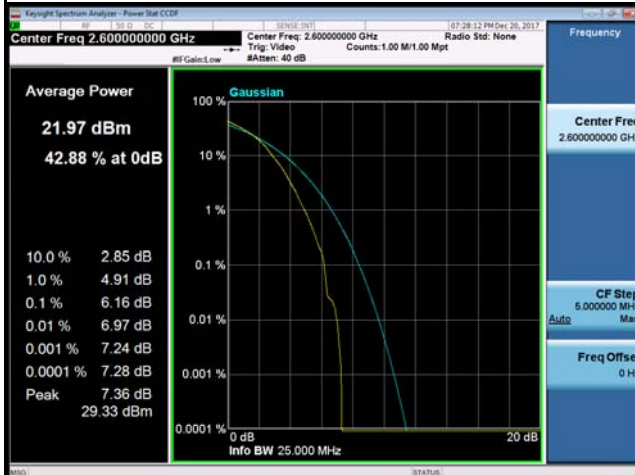
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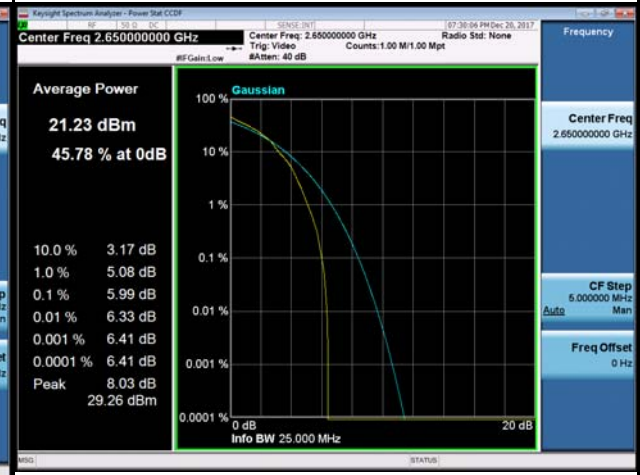
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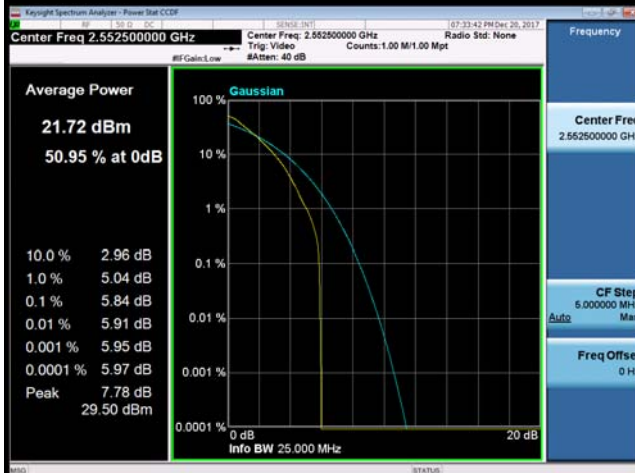


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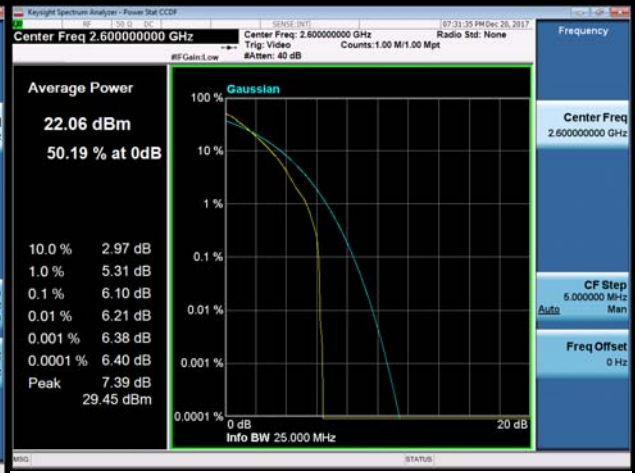


LTE Band 41 Spectrum Plot_15M

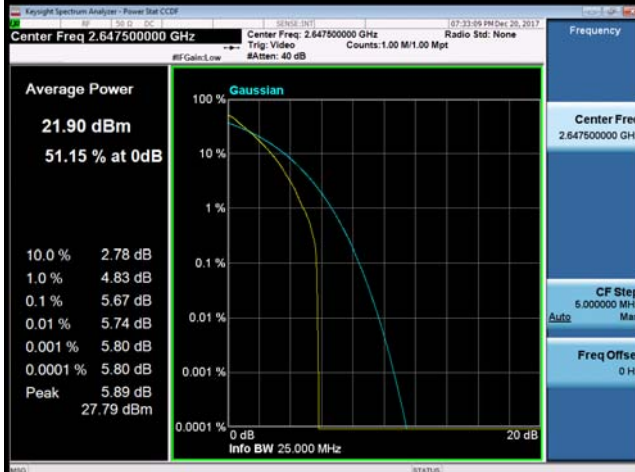
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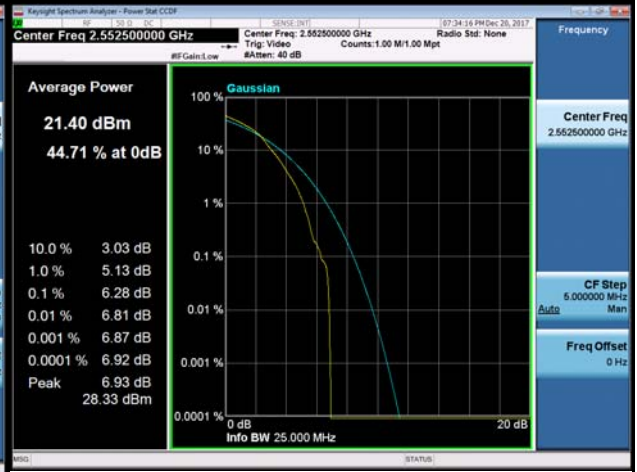
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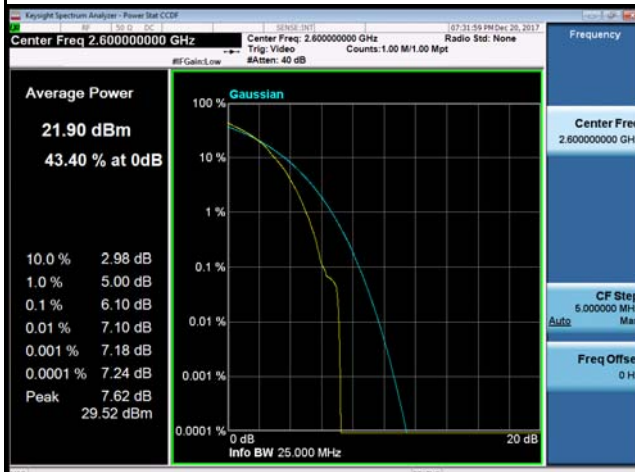
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16QAM-40690

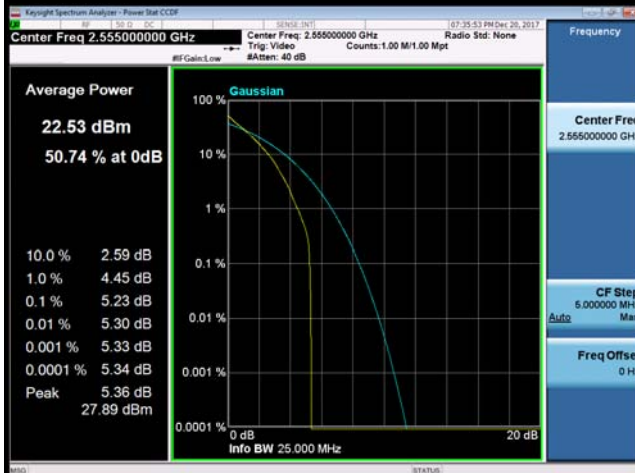


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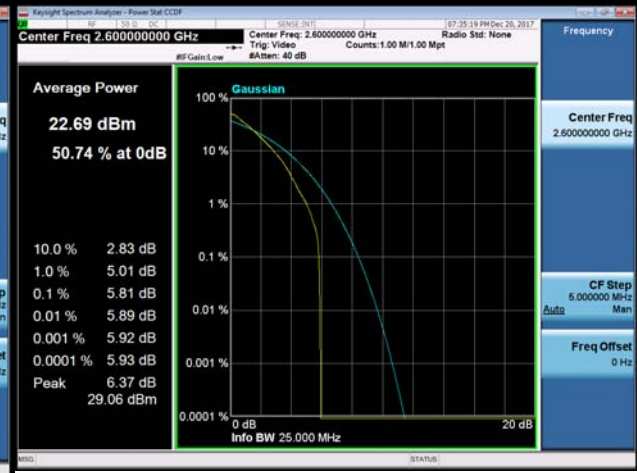


LTE Band 41 Spectrum Plot_20M

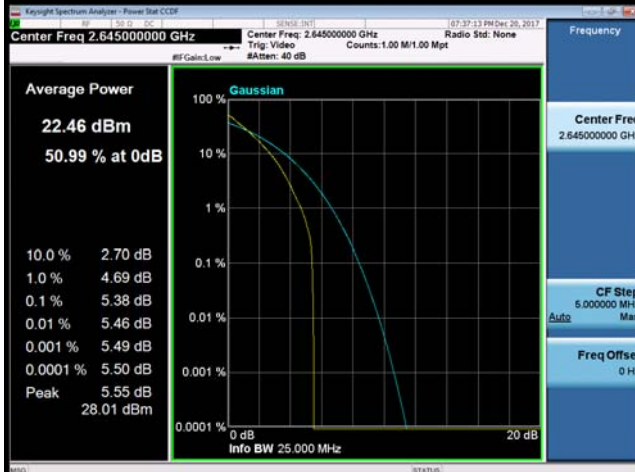
QPSK-40240



QPSK-40690



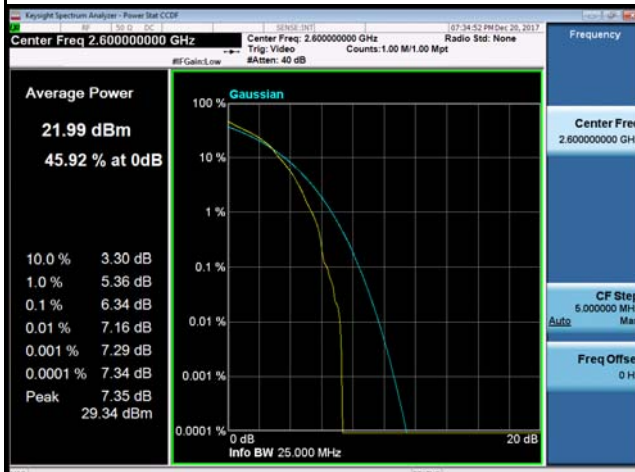
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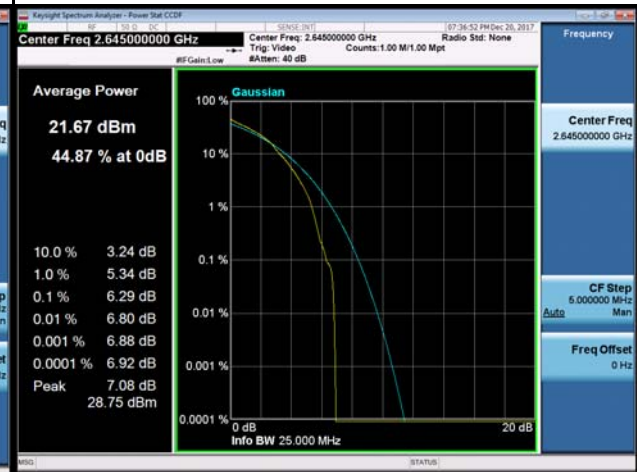
16QAM-40240



16QAM-40690



16QAM-41140



APPENDIX G - FREQUENCY STABILITY

Test Mode:	LTE Band 4_CH20175_1.4M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	2.33	0.001344877	2.5
-20	-1.75	0.001010101	2.5
-10	-6.25	0.003607504	2.5
0	5.48	0.003163059	2.5
10	2.49	0.001437229	2.5
20	3.74	0.00215873	2.5
30	-6.33	0.00365368	2.5
40	5.12	0.002955267	2.5
50	7.04	0.004063492	2.5
Max. Deviation (ppm)	7.04	0.004063492	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.50V	4.97	0.002868687	2.5
3.82V	-3.33	0.001922078	2.5
4.40V	5.57	0.003215007	2.5
Max. Deviation (ppm)	5.57	0.003215007	2.5

Test Mode:	LTE Band 4_CH20175_3M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	-3.17	0.001829726	2.5
-20	2.66	0.001535354	2.5
-10	-4.81	0.002776335	2.5
0	-3.61	0.002083694	2.5
10	7.02	0.004051948	2.5
20	6.23	0.00359596	2.5
30	5.54	0.003197691	2.5
40	7.36	0.004248196	2.5
50	-5.49	0.003168831	2.5
Max. Deviation (ppm)	7.36	0.004248196	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.50V	-2.60	0.001500722	2.5
3.82V	3.97	0.002291486	2.5
4.40V	6.87	0.003965368	2.5
Max. Deviation (ppm)	6.87	0.003965368	2.5

Test Mode:	LTE Band 4_CH20175_5M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	2.22	0.001281385	2.5
-20	4.25	0.002453102	2.5
-10	-3.31	0.001910534	2.5
0	4.99	0.002880231	2.5
10	-5.27	0.003041847	2.5
20	6.32	0.003647908	2.5
30	4.18	0.002412698	2.5
40	4.35	0.002510823	2.5
50	-6.38	0.00368254	2.5
Max. Deviation (ppm)	6.38	0.00368254	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.50V	3.65	0.002106782	2.5
3.82V	-4.33	0.002499278	2.5
4.40V	5.86	0.003382395	2.5
Max. Deviation (ppm)	5.86	0.003382395	2.5

Test Mode:	LTE Band 4_CH20175_10M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	4.58	0.002643579	2.5
-20	5.34	0.003082251	2.5
-10	-8.47	0.004888889	2.5
0	5.01	0.002891775	2.5
10	-4.68	0.002701299	2.5
20	6.17	0.003561328	2.5
30	2.55	0.001471861	2.5
40	3.09	0.00178355	2.5
50	-6.69	0.003861472	2.5
Max. Deviation (ppm)	8.47	0.004888889	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.50V	4.08	0.002354978	2.5
3.82V	-8.35	0.004819625	2.5
4.40V	-6.88	0.00397114	2.5
Max. Deviation (ppm)	8.35	0.004819625	2.5

Test Mode:	LTE Band 4_CH20175_15M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	5.13	0.002961039	2.5
-20	-5.02	0.002897547	2.5
-10	8.41	0.004854257	2.5
0	-3.74	0.00215873	2.5
10	1.99	0.001148629	2.5
20	2.56	0.001477633	2.5
30	-6.42	0.003705628	2.5
40	5.11	0.002949495	2.5
50	-6.07	0.003503608	2.5
Max. Deviation (ppm)	8.41	0.004854257	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.50V	8.35	0.004819625	2.5
3.82V	-1.54	0.000888889	2.5
4.40V	8.31	0.004796537	2.5
Max. Deviation (ppm)	8.35	0.004819625	2.5

Test Mode:	LTE Band 4_CH20175_20M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	4.68	0.002701299	2.5
-20	-4.35	0.002510823	2.5
-10	4.85	0.002799423	2.5
0	6.35	0.003665224	2.5
10	4.11	0.002372294	2.5
20	5.38	0.003105339	2.5
30	-2.00	0.001154401	2.5
40	-6.35	0.003665224	2.5
50	-5.32	0.003070707	2.5
Max. Deviation (ppm)	6.35	0.003665224	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.50V	5.35	0.003088023	2.5
3.82V	6.32	0.003647908	2.5
4.40V	5.24	0.003024531	2.5
Max. Deviation (ppm)	6.32	0.003647908	2.5

Test Mode:	LTE Band 7_CH21100_5M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	2.18	0.000859961	2.5
-20	7.06	0.00278501	2.5
-10	-1.98	0.000781065	2.5
0	2.56	0.001009862	2.5
10	-4.35	0.001715976	2.5
20	-3.33	0.001313609	2.5
30	5.07	0.002	2.5
40	4.11	0.001621302	2.5
50	3.28	0.001293886	2.5
Max. Deviation (ppm)	7.06	0.00278501	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.50V	3.44	0.001357002	2.5
3.82V	-5.32	0.002098619	2.5
4.40V	4.21	0.00166075	2.5
Max. Deviation (ppm)	5.32	0.002098619	2.5

Test Mode:	LTE Band 7_CH21100_10M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	6.35	0.002504931	2.5
-20	5.35	0.002110454	2.5
-10	-4.32	0.001704142	2.5
0	6.89	0.002717949	2.5
10	6.97	0.002749507	2.5
20	-2.31	0.000911243	2.5
30	3.69	0.001455621	2.5
40	1.96	0.000773176	2.5
50	-6.42	0.002532544	2.5
Max. Deviation (ppm)	6.97	0.002749507	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.50V	3.68	0.001451677	2.5
3.82V	5.32	0.002098619	2.5
4.40V	-3.85	0.001518738	2.5
Max. Deviation (ppm)	5.32	0.002098619	2.5

Test Mode:	LTE Band 7_CH21100_15M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	6.87	0.002710059	2.5
-20	-6.21	0.002449704	2.5
-10	5.35	0.002110454	2.5
0	7.35	0.002899408	2.5
10	8.21	0.003238659	2.5
20	-3.27	0.001289941	2.5
30	7.35	0.002899408	2.5
40	5.20	0.002051282	2.5
50	6.18	0.00243787	2.5
Max. Deviation (ppm)	8.21	0.003238659	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.50V	3.35	0.001321499	2.5
3.82V	-4.21	0.00166075	2.5
4.40V	3.67	0.001447732	2.5
Max. Deviation (ppm)	4.21	0.00166075	2.5

Test Mode:	LTE Band 7_CH21100_20M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	4.39	0.001731755	2.5
-20	-4.25	0.001676529	2.5
-10	3.49	0.001376726	2.5
0	6.21	0.002449704	2.5
10	-5.22	0.002059172	2.5
20	3.47	0.001368836	2.5
30	4.04	0.001593688	2.5
40	-5.96	0.002351085	2.5
50	7.38	0.002911243	2.5
Max. Deviation (ppm)	7.38	0.002911243	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.50V	4.31	0.001700197	2.5
3.82V	-4.38	0.001727811	2.5
4.40V	5.64	0.002224852	2.5
Max. Deviation (ppm)	5.64	0.002224852	2.5

Test Mode:	LTE Band 12_CH23095_1.4M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	3.74	0.005287633	2.5
-20	-5.67	0.008014134	2.5
-10	-8.03	0.011349823	2.5
0	5.19	0.007335689	2.5
10	5.20	0.007349823	2.5
20	3.94	0.005568905	2.5
30	-4.17	0.005893993	2.5
40	-4.08	0.005766784	2.5
50	2.52	0.003561837	2.5
Max. Deviation (ppm)	8.03	0.011349823	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.50V	1.87	0.00264311	2.5
3.82V	-4.29	0.006063604	2.5
4.40V	-3.23	0.004565371	2.5
Max. Deviation (ppm)	4.29	0.006063604	2.5

Test Mode:	LTE Band 12_CH23095_3M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	6.51	0.009201413	2.5
-20	4.82	0.006812721	2.5
-10	3.69	0.005215548	2.5
0	-5.45	0.00770318	2.5
10	-3.30	0.004664311	2.5
20	-2.88	0.004070671	2.5
30	6.09	0.008607774	2.5
40	2.45	0.003462898	2.5
50	3.63	0.005130742	2.5
Max. Deviation (ppm)	6.51	0.009201413	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.50V	7.23	0.010219081	2.5
3.82V	6.84	0.009667845	2.5
4.40V	-5.29	0.007477032	2.5
Max. Deviation (ppm)	7.23	0.010219081	2.5

Test Mode:	LTE Band 12_CH23095_5M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	2.35	0.003321555	2.5
-20	6.57	0.009286219	2.5
-10	4.58	0.006473498	2.5
0	-3.25	0.00459364	2.5
10	-3.68	0.005201413	2.5
20	4.99	0.007053004	2.5
30	5.18	0.007321555	2.5
40	3.29	0.004650177	2.5
50	4.17	0.005893993	2.5
Max. Deviation (ppm)	6.57	0.009286219	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.50V	-3.28	0.004636042	2.5
3.82V	3.99	0.005639576	2.5
4.40V	-4.87	0.006883392	2.5
Max. Deviation (ppm)	4.87	0.006883392	2.5

Test Mode:	LTE Band 12_CH23095_10M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	3.58	0.005060071	2.5
-20	3.95	0.005583039	2.5
-10	-4.68	0.006614841	2.5
0	3.85	0.005441696	2.5
10	4.17	0.005893993	2.5
20	4.37	0.006176678	2.5
30	5.88	0.008310954	2.5
40	-6.32	0.008932862	2.5
50	4.19	0.005922261	2.5
Max. Deviation (ppm)	6.32	0.008932862	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.50V	3.28	0.004636042	2.5
3.82V	-3.27	0.004621908	2.5
4.40V	6.31	0.008918728	2.5
Max. Deviation (ppm)	6.31	0.008918728	2.5

Test Mode:	LTE Band 17_CH23790_5M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	-8.10	0.011408451	2.5
-20	3.68	0.005183099	2.5
-10	-4.25	0.005985915	2.5
0	3.73	0.005253521	2.5
10	5.51	0.007760563	2.5
20	6.77	0.009535211	2.5
30	2.19	0.003084507	2.5
40	4.38	0.006169014	2.5
50	7.36	0.010366197	2.5
Max. Deviation (ppm)	8.1	0.011408451	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.50V	3.62	0.005098592	2.5
3.82V	-4.35	0.006126761	2.5
4.40V	7.12	0.010028169	2.5
Max. Deviation (ppm)	7.12	0.010028169	2.5

Test Mode:	LTE Band 17_CH23790_10M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	4.59	0.006464789	2.5
-20	-3.85	0.005422535	2.5
-10	-4.68	0.006591549	2.5
0	3.03	0.004267606	2.5
10	-6.72	0.009464789	2.5
20	2.74	0.003859155	2.5
30	1.79	0.002521127	2.5
40	4.35	0.006126761	2.5
50	8.01	0.01128169	2.5
Max. Deviation (ppm)	8.01	0.01128169	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.50V	6.26	0.008816901	2.5
3.82V	7.35	0.010352113	2.5
4.40V	-4.50	0.006338028	2.5
Max. Deviation (ppm)	7.35	0.010352113	2.5

Test Mode:	LTE Band 38_CH40690_5M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	-4.27	0.001645472	2.5
-20	3.65	0.001406551	2.5
-10	-2.15	0.000828516	2.5
0	4.28	0.001649326	2.5
10	1.91	0.000736031	2.5
20	2.60	0.001001927	2.5
30	-2.98	0.001148362	2.5
40	3.94	0.001518304	2.5
50	-3.85	0.001483622	2.5
Max. Deviation (ppm)	4.28	0.001649326	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.50V	-3.81	0.001468208	2.5
3.82V	2.64	0.001017341	2.5
4.40V	2.09	0.000805395	2.5
Max. Deviation (ppm)	3.81	0.001468208	2.5

Test Mode:	LTE Band 38_CH40690_10M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	4.55	0.001753372	2.5
-20	5.12	0.001973025	2.5
-10	-3.65	0.001406551	2.5
0	2.87	0.001105973	2.5
10	-2.24	0.000863198	2.5
20	2.98	0.001148362	2.5
30	3.74	0.001441233	2.5
40	3.93	0.001514451	2.5
50	-3.56	0.001371869	2.5
Max. Deviation (ppm)	5.12	0.001973025	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.50V	3.91	0.001506744	2.5
3.82V	4.38	0.001687861	2.5
4.40V	-1.79	0.000689788	2.5
Max. Deviation (ppm)	4.38	0.001687861	2.5

Test Mode:	LTE Band 38_CH40690_15M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	2.80	0.001079	2.5
-20	-6.68	0.002574	2.5
-10	7.45	0.002871	2.5
0	2.34	0.000902	2.5
10	1.57	0.000605	2.5
20	6.24	0.002405	2.5
30	6.67	0.00257	2.5
40	3.11	0.001198	2.5
50	2.54	0.000979	2.5
Max. Deviation (ppm)	7.45	0.002871	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.50V	-3.68	0.001418	2.5
3.82V	5.36	0.002066	2.5
4.40V	4.85	0.001869	2.5
Max. Deviation (ppm)	5.36	0.002066	2.5

Test Mode:	LTE Band 38_CH40690_20M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	-1.78	0.000686	2.5
-20	1.58	0.000609	2.5
-10	5.02	0.001934	2.5
0	6.72	0.00259	2.5
10	-2.24	0.000863	2.5
20	3.28	0.001264	2.5
30	8.22	0.003168	2.5
40	1.42	0.000547	2.5
50	5.39	0.002077	2.5
Max. Deviation (ppm)	6.72	0.003168	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.50V	6.66	0.002566	2.5
3.82V	7.35	0.002832	2.5
4.40V	7.18	0.002767	2.5
Max. Deviation (ppm)	7.35	0.002832	2.5

Test Mode:	LTE Band 41_CH40690_5M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	-2.51	0.000965385	2.5
-20	3.45	0.001326923	2.5
-10	-2.68	0.001030769	2.5
0	-4.11	0.001580769	2.5
10	3.55	0.001365385	2.5
20	4.21	0.001619231	2.5
30	-3.65	0.001403846	2.5
40	3.87	0.001488462	2.5
50	3.45	0.001326923	2.5
Max. Deviation (ppm)	4.21	0.001619231	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.50V	4.25	0.001634615	2.5
3.82V	2.85	0.001096154	2.5
4.40V	-2.88	0.001107692	2.5
Max. Deviation (ppm)	4.25	0.001634615	2.5

Test Mode:	LTE Band 41_CH40690_10M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	4.55	0.00175	2.5
-20	5.80	0.002230769	2.5
-10	3.49	0.001342308	2.5
0	-2.16	0.000830769	2.5
10	-3.18	0.001223077	2.5
20	2.84	0.001092308	2.5
30	-3.52	0.001353846	2.5
40	3.48	0.001338462	2.5
50	-4.12	0.001584615	2.5
Max. Deviation (ppm)	5.8	0.002230769	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.50V	4.12	0.001584615	2.5
3.82V	3.58	0.001376923	2.5
4.40V	-2.65	0.001019231	2.5
Max. Deviation (ppm)	4.12	0.001584615	2.5

Test Mode:	LTE Band 41_CH40690_15M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	4.88	0.001877	2.5
-20	5.25	0.002019	2.5
-10	-6.07	0.002335	2.5
0	3.39	0.001304	2.5
10	3.17	0.001219	2.5
20	-5.36	0.002062	2.5
30	2.85	0.001096	2.5
40	6.22	0.002392	2.5
50	3.07	0.001181	2.5
Max. Deviation (ppm)	6.22	0.002392	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.50V	2.38	0.000915	2.5
3.82V	-5.25	0.002019	2.5
4.40V	4.35	0.001673	2.5
Max. Deviation (ppm)	5.25	0.002019	2.5

Test Mode:	LTE Band 41_CH40690_20M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	-2.35	0.000904	2.5
-20	3.16	0.001215	2.5
-10	4.94	0.0019	2.5
0	6.25	0.002404	2.5
10	-3.77	0.00145	2.5
20	-4.05	0.001558	2.5
30	3.38	0.0013	2.5
40	4.12	0.001585	2.5
50	5.97	0.002296	2.5
Max. Deviation (ppm)	6.25	0.002404	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.50V	7.35	0.002827	2.5
3.82V	6.58	0.002531	2.5
4.40V	6.35	0.002442	2.5
Max. Deviation (ppm)	7.35	0.002827	2.5