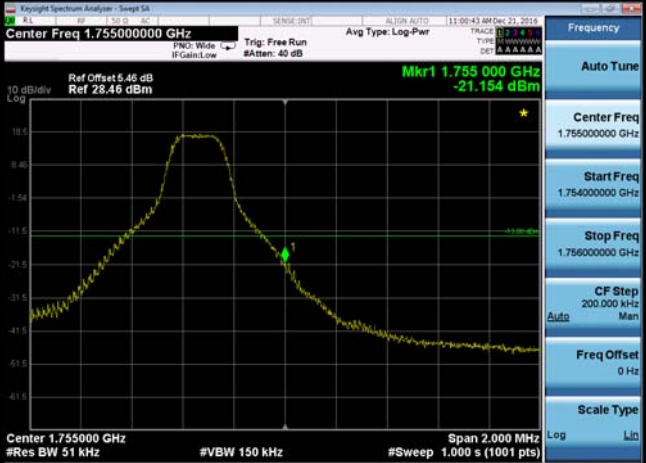
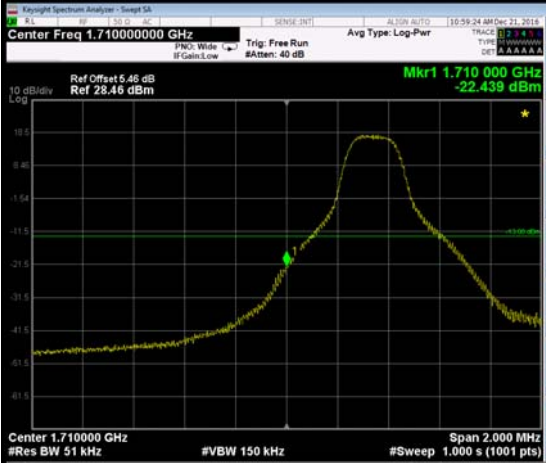


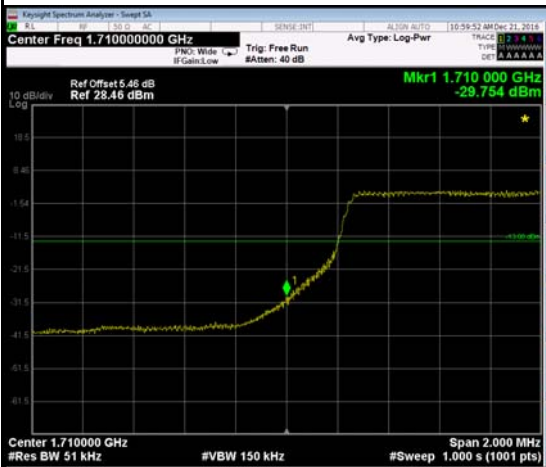
LTE Band 4_5M

1RB0		1RB24	
Channel	19975	Channel	20375



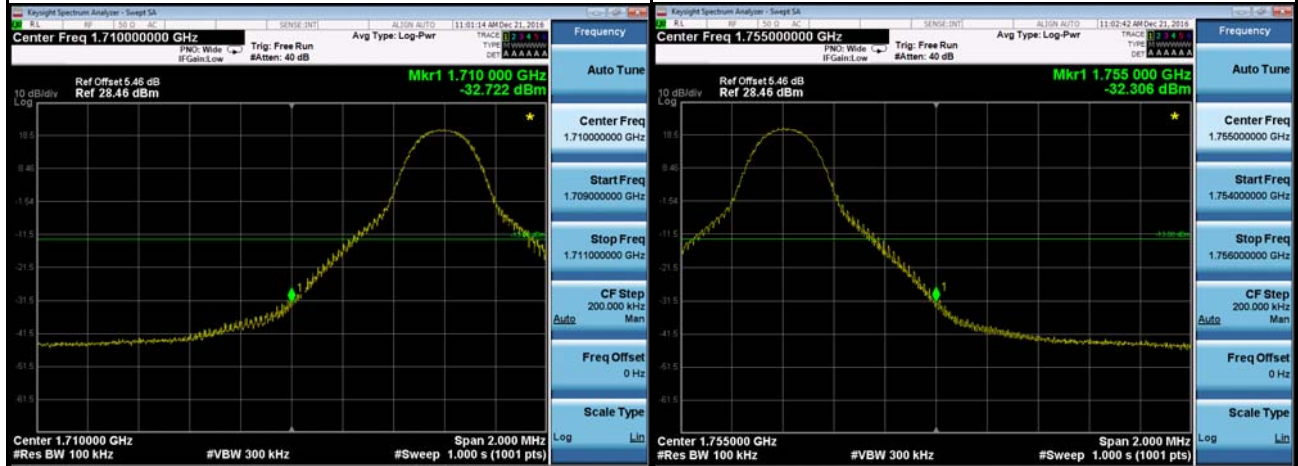
25RB0

19975		20375	
Channel	19975	Channel	20375



LTE Band 4_10M

1RB0		1RB49	
Channel	20000	Channel	20350



50RB0

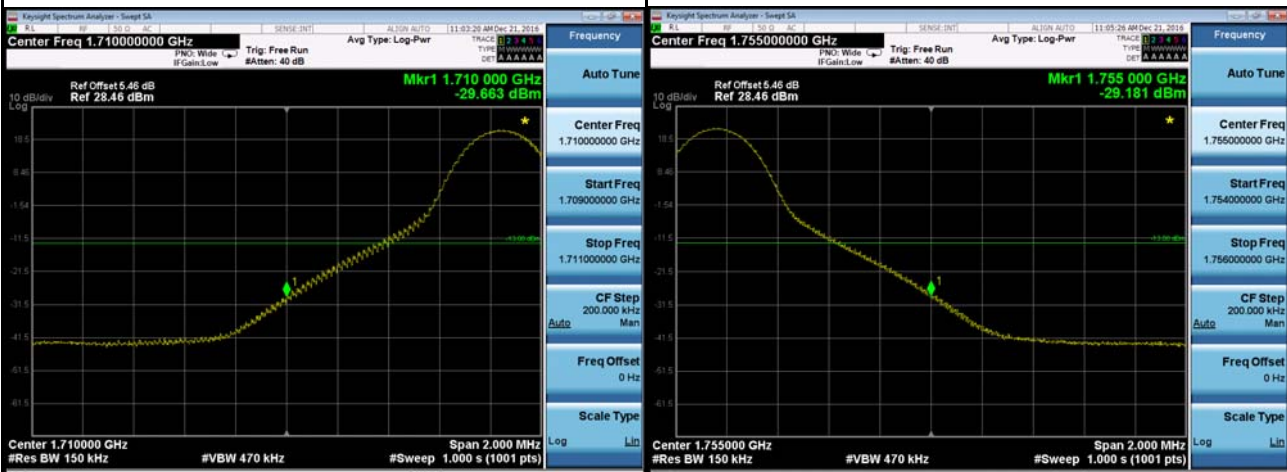
Channel	20000	Channel	20350
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LTE Band 4_15M

1RB0		1RB74	
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Channel	20025	Channel	20325
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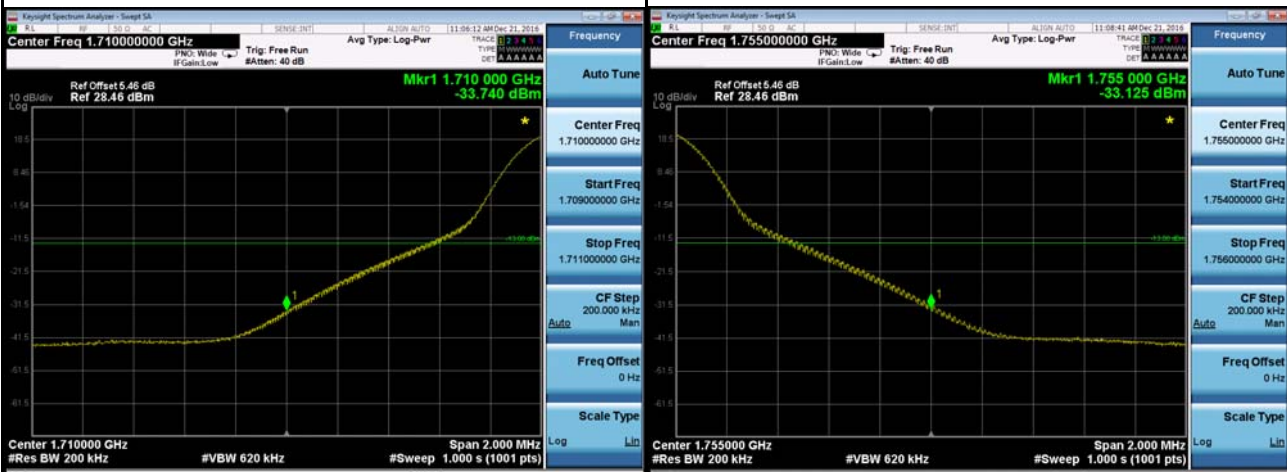
75RB0

Channel	20025	Channel	20325
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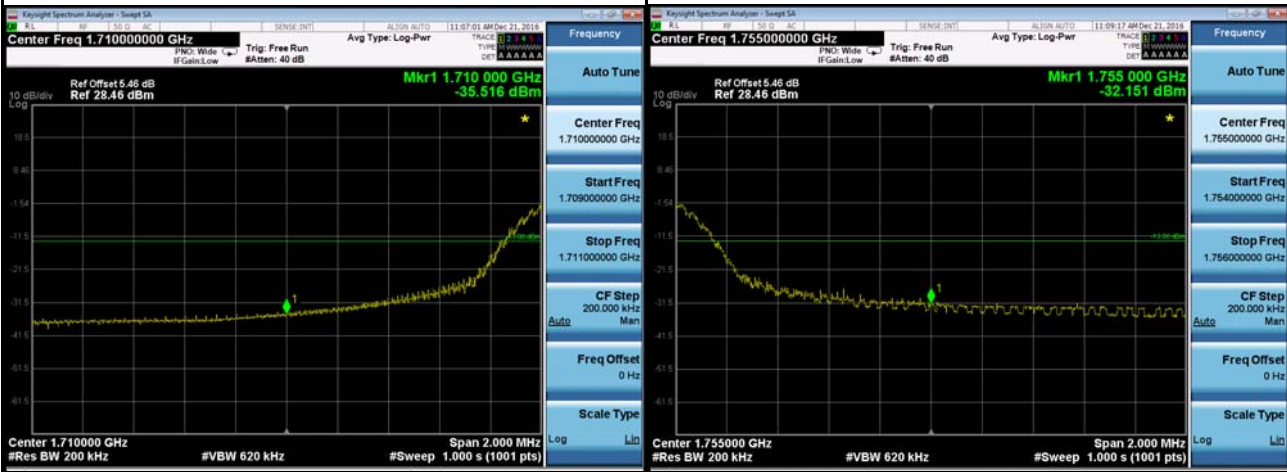
LTE Band 4_20M

1RB0		1RB99	
Channel	20050	Channel	20300



100RB0

Channel	20050	Channel	20300
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LTE Band 7_5M

1RB0

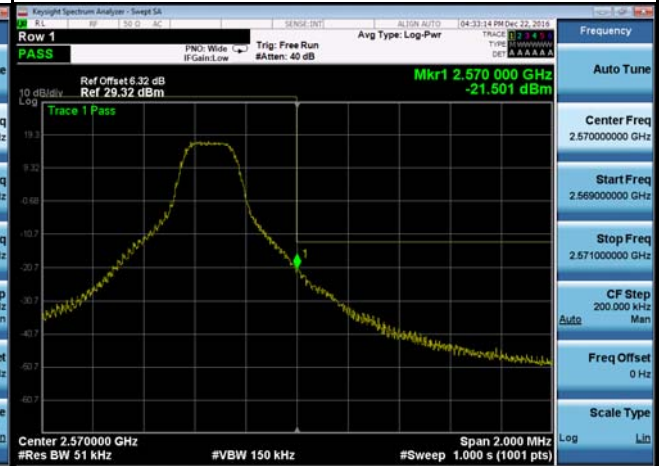
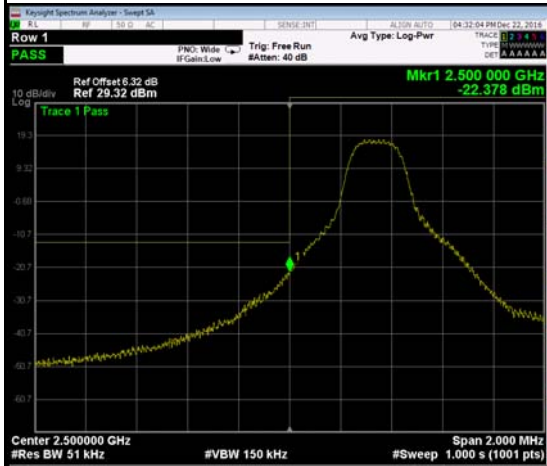
1RB24

Channel

20775

Channel

21425



25RB0

Channel

20775

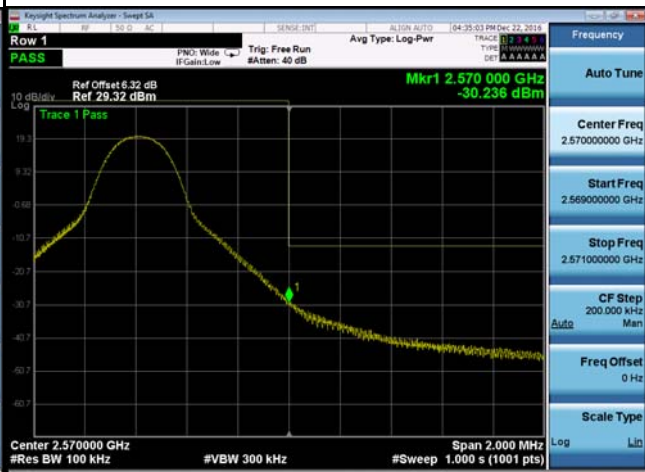
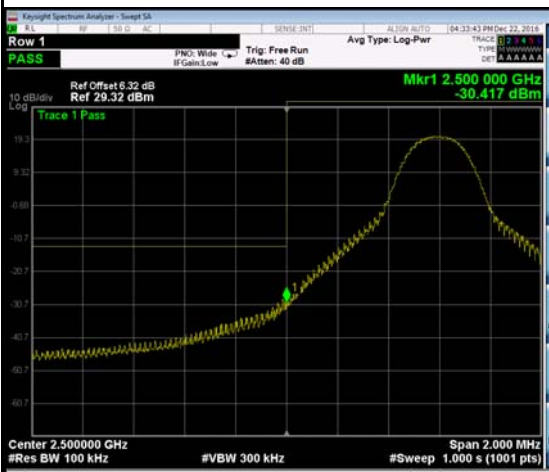
Channel

21425



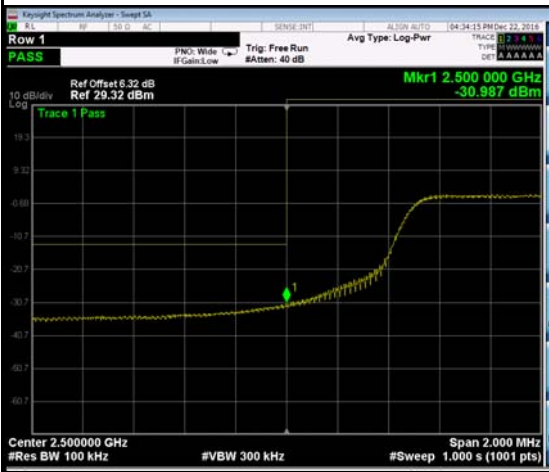
LTE Band 7_10M

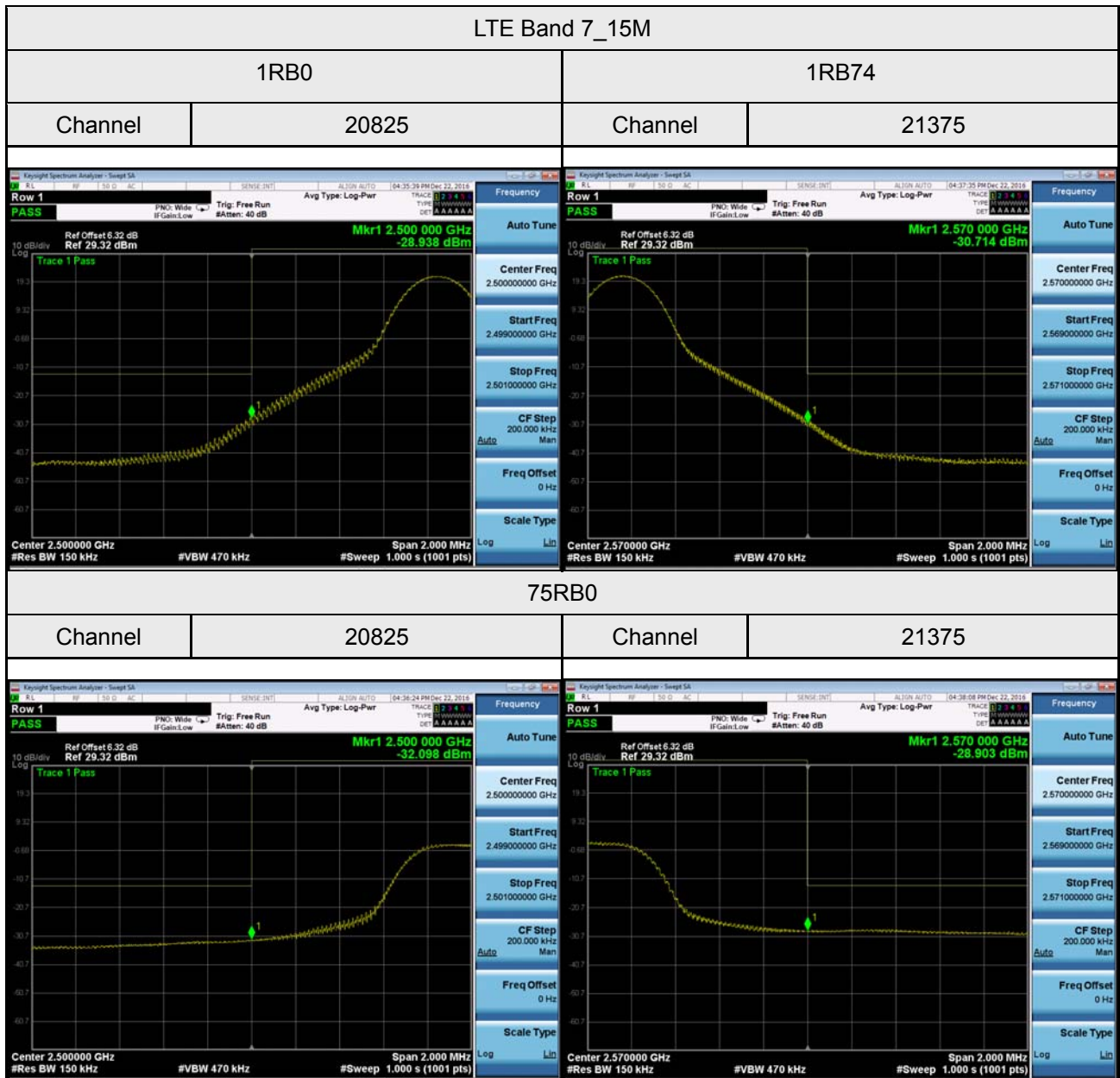
1RB0		1RB49	
Channel	20800	Channel	21400

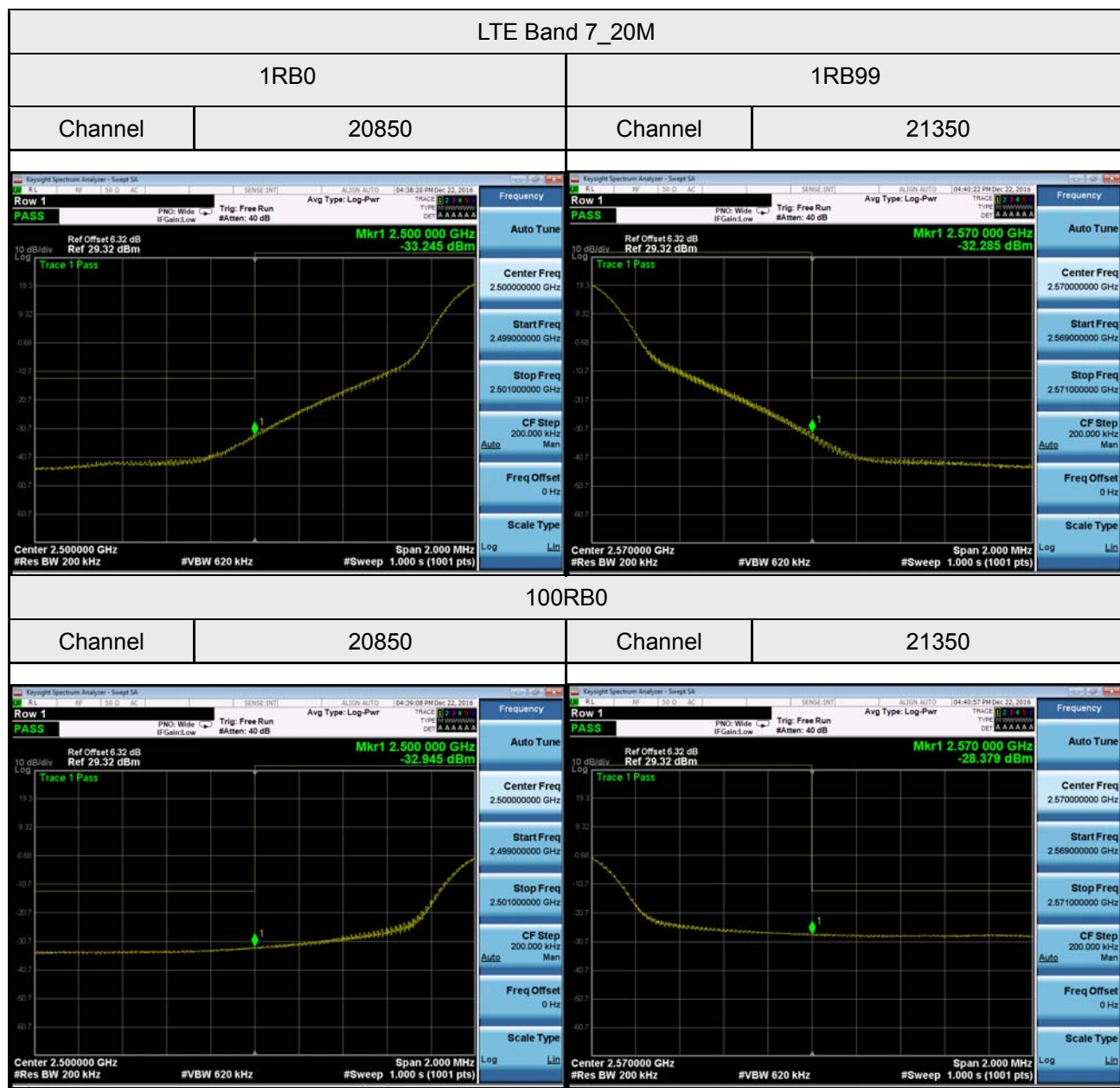


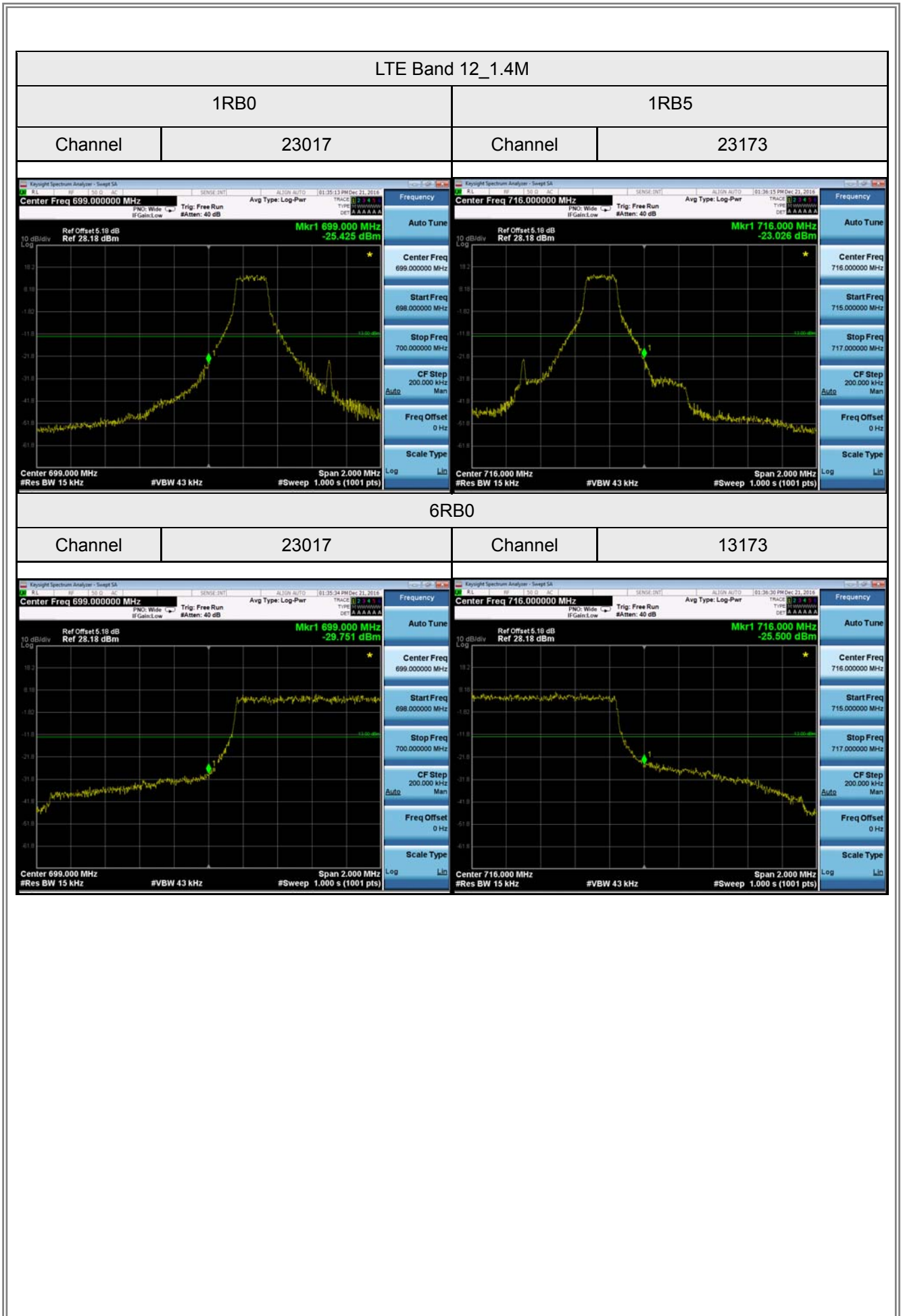
50RB0

Channel	20800	Channel	21400
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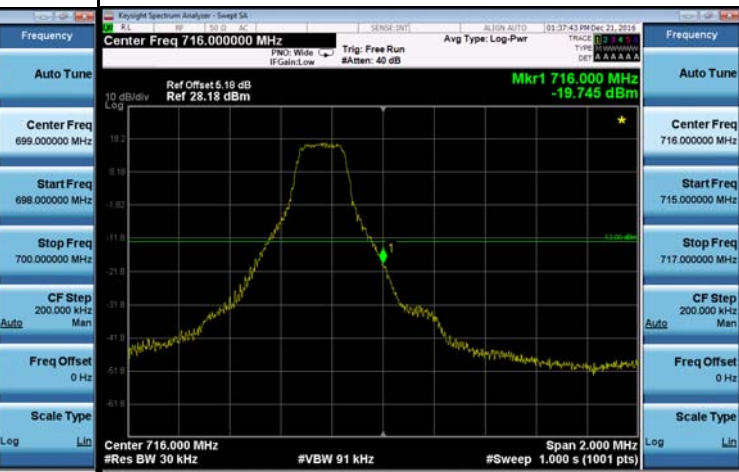
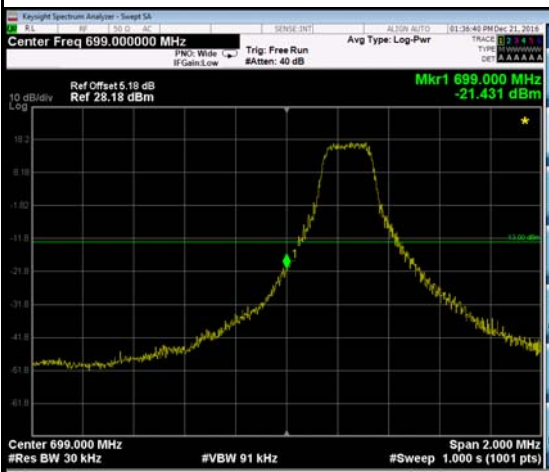




LTE Band 12_3M

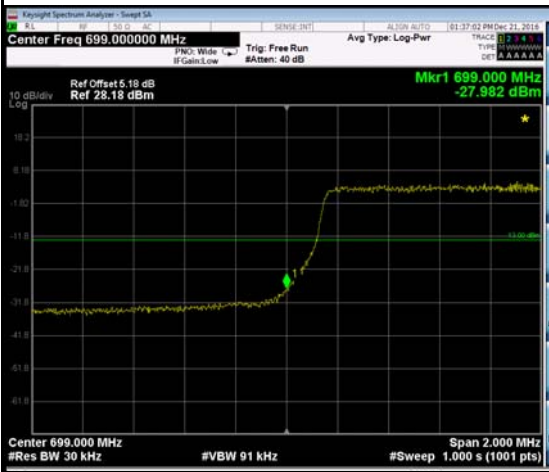
1RB0		1RB14	
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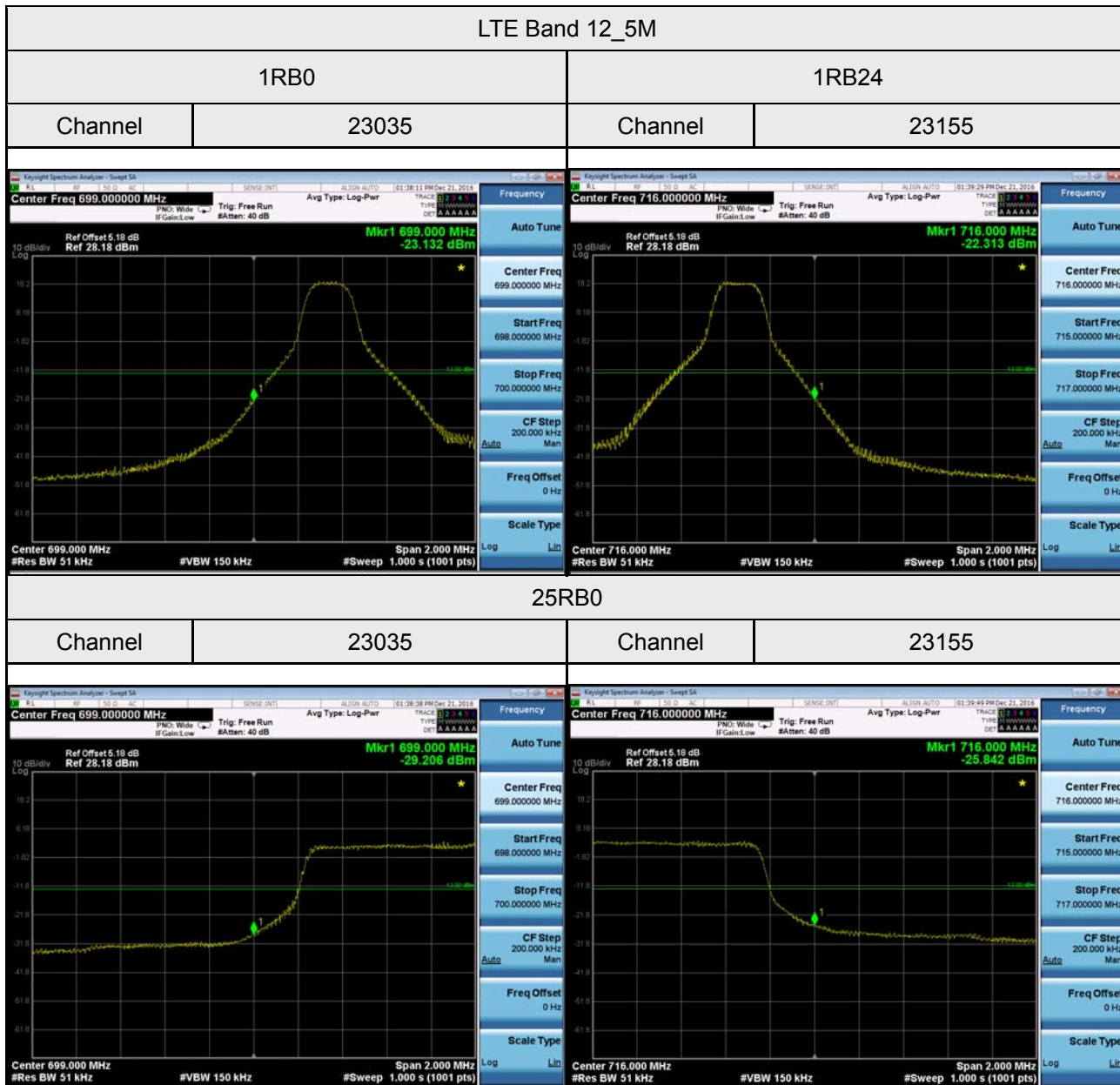
Channel	23025	Channel	23165
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15RB0

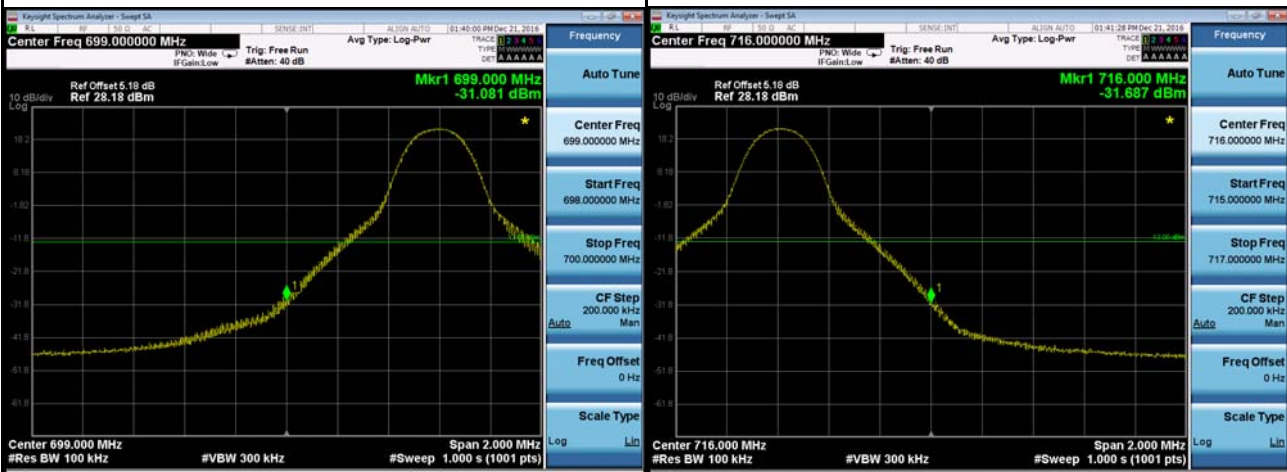
Channel	23025	Channel	23165
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LTE Band 12_10M

1RB0		1RB49	
Channel	23060	Channel	20350



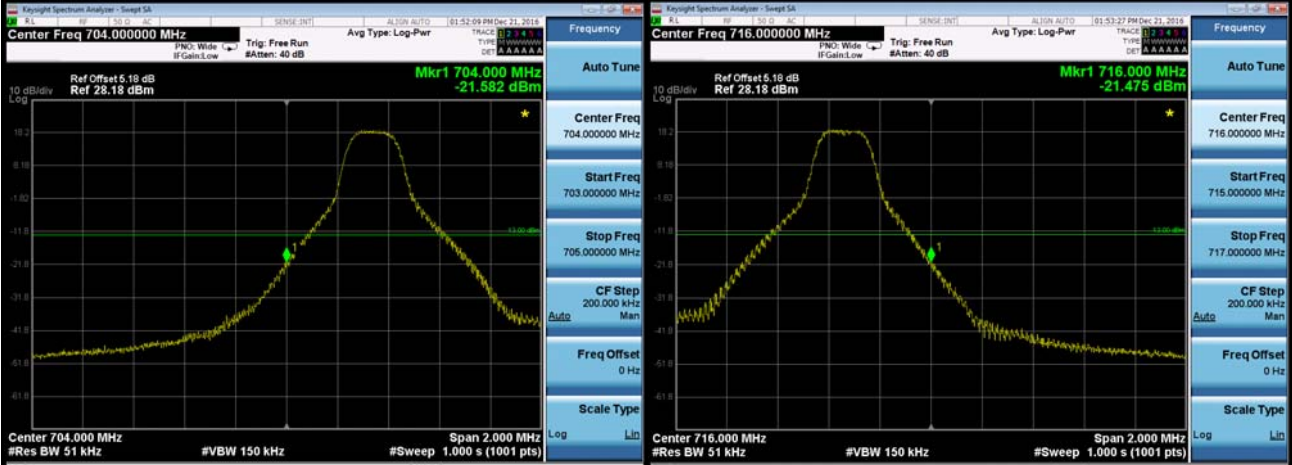
50RB0

Channel	23060	Channel	20350
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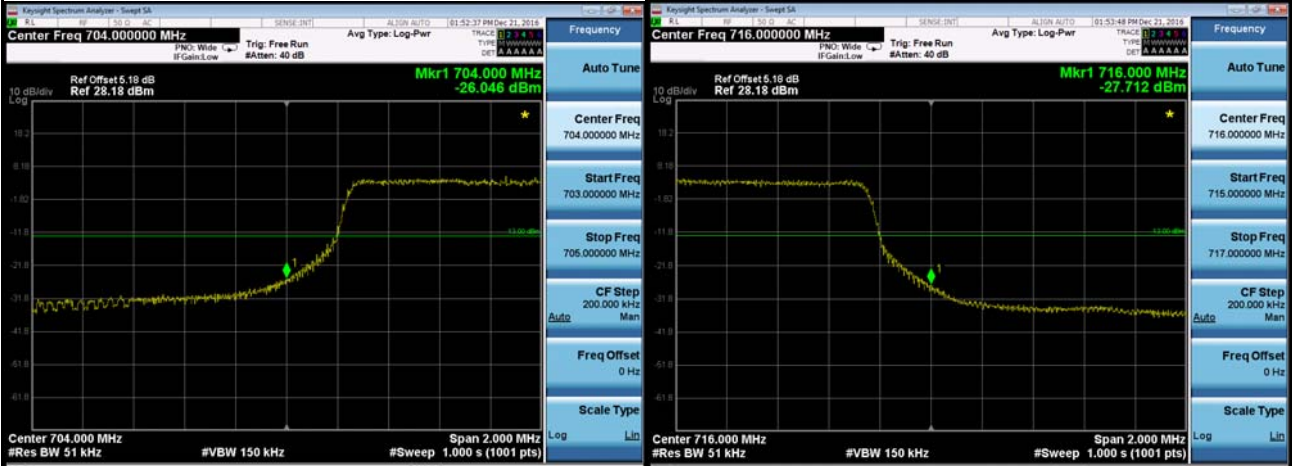
LTE Band 17_5M

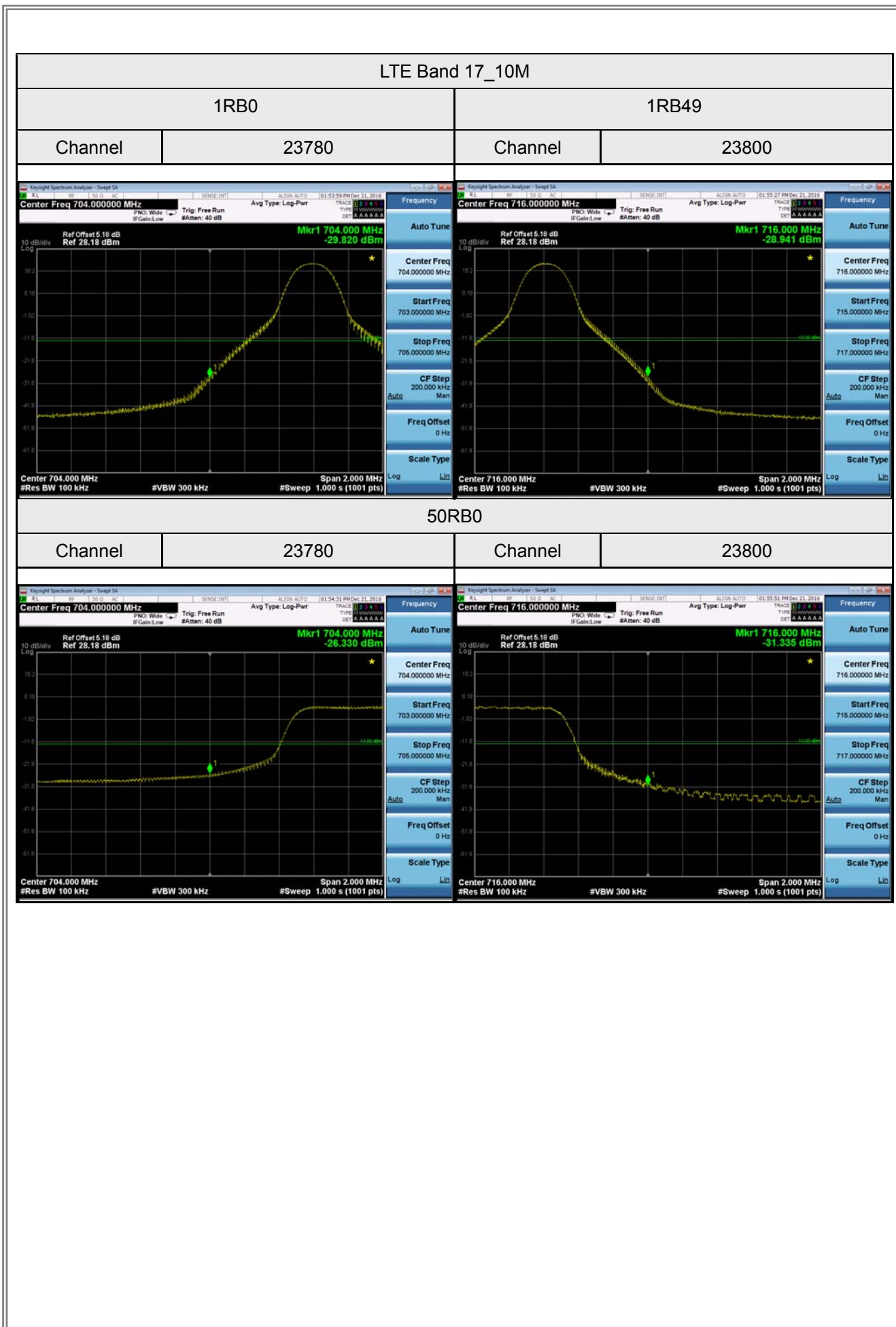
1RB0		1RB24	
Channel	23755	Channel	23825



25RB0

23755		23825	
Channel	23755	Channel	23825

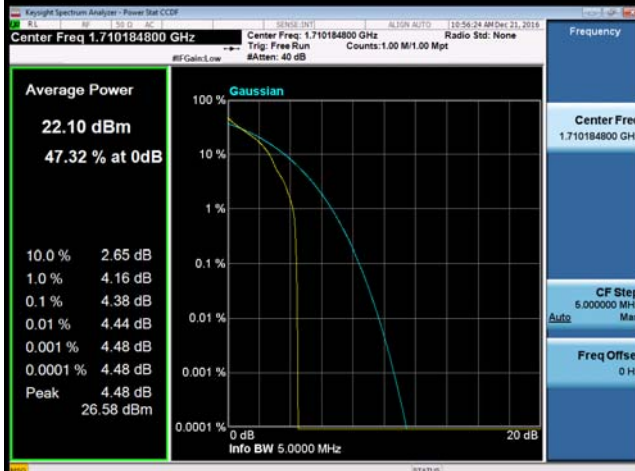




ATTACHMENT F - PEAK TO AVERAGE RATIO

LTE Band 4 Spectrum Plot_1.4M

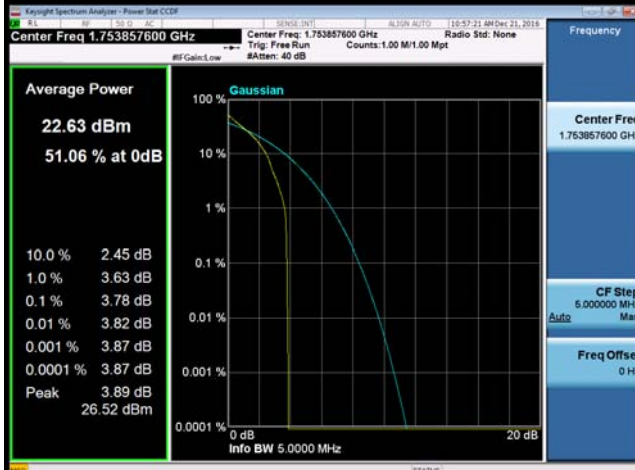
QPSK-19957



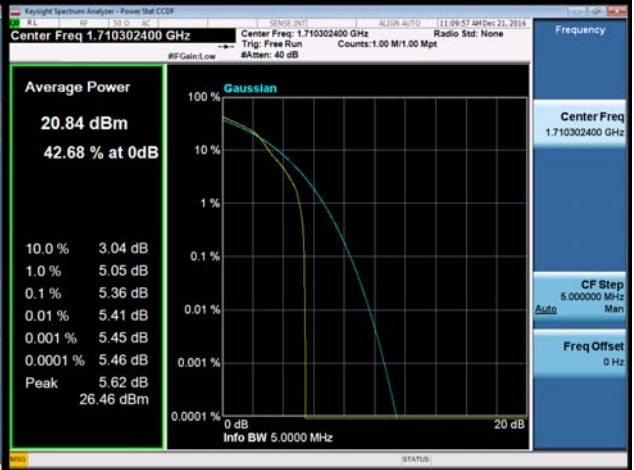
QPSK-20175



QPSK-20393



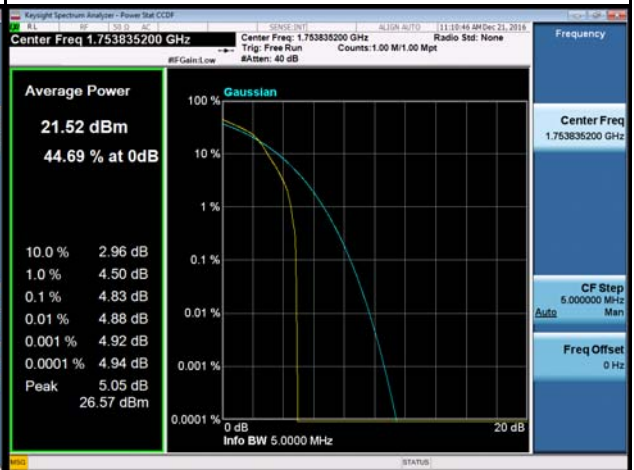
16QAM-19957



16QAM-20175

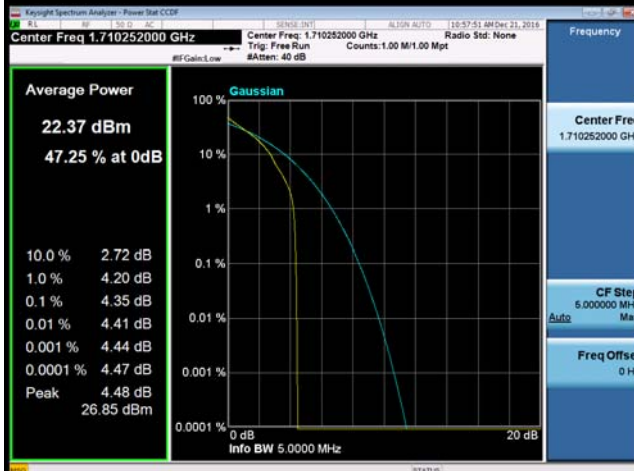


16QAM-20393



LTE Band 4 Spectrum Plot_3M

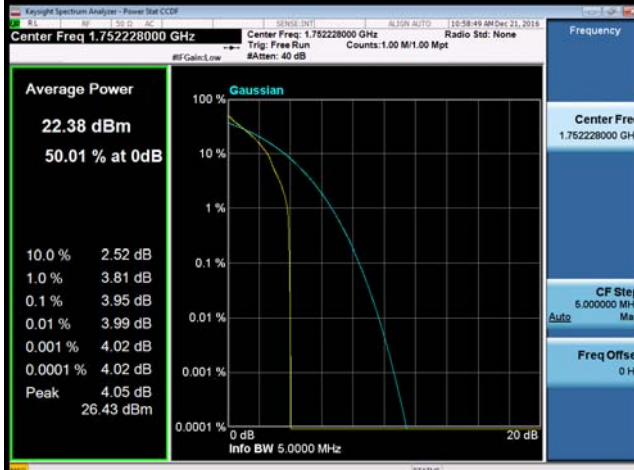
QPSK-19965



QPSK-20175



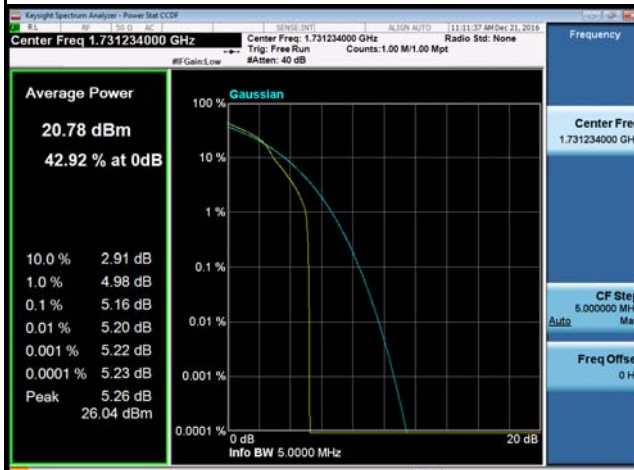
QPSK-20385



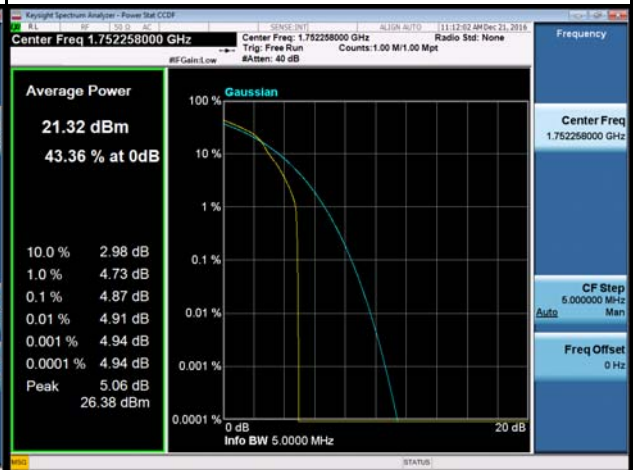
16QAM-19965



16QAM-20175

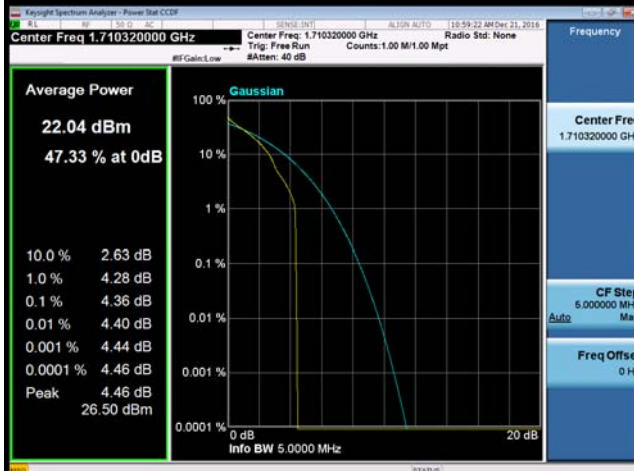


16QAM-20385



LTE Band 4 Spectrum Plot_5M

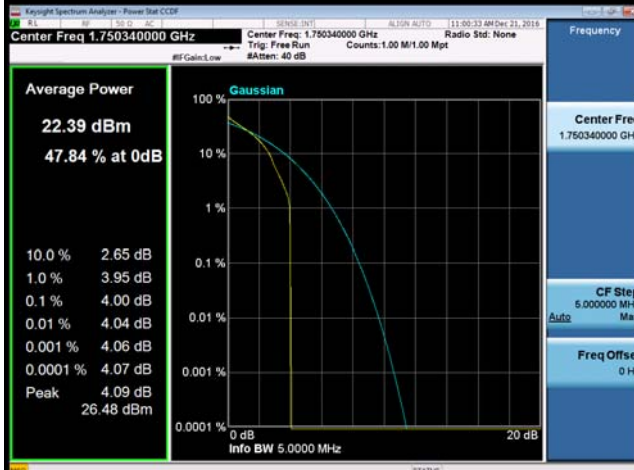
QPSK-19975



QPSK-20175



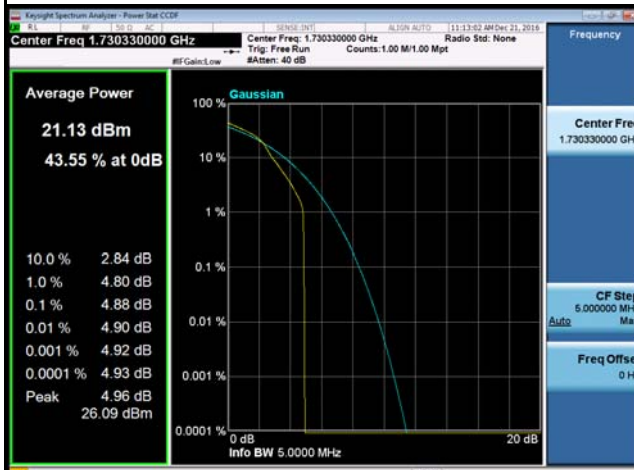
QPSK-20375



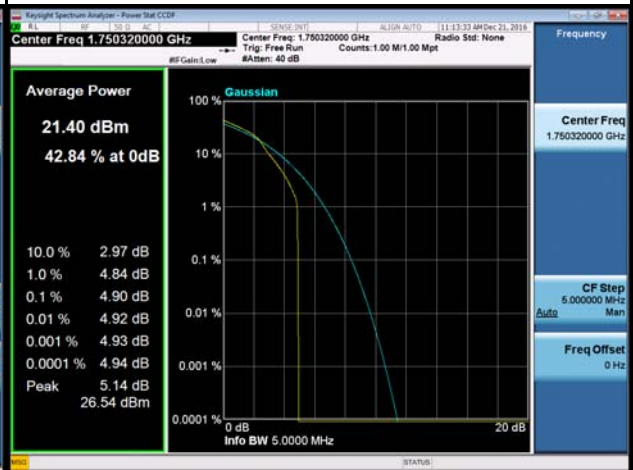
16QAM-19975



16QAM-20175

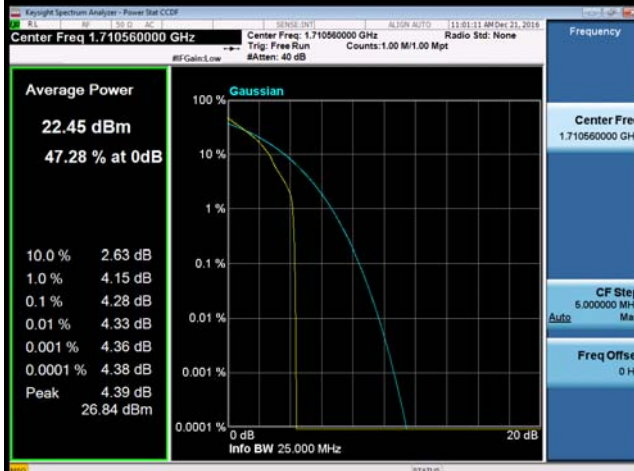


16QAM-20375



LTE Band 4 Spectrum Plot_10M

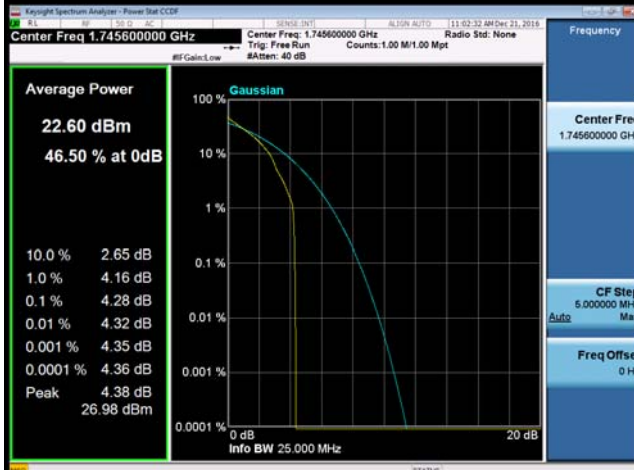
QPSK-20000



QPSK-20175



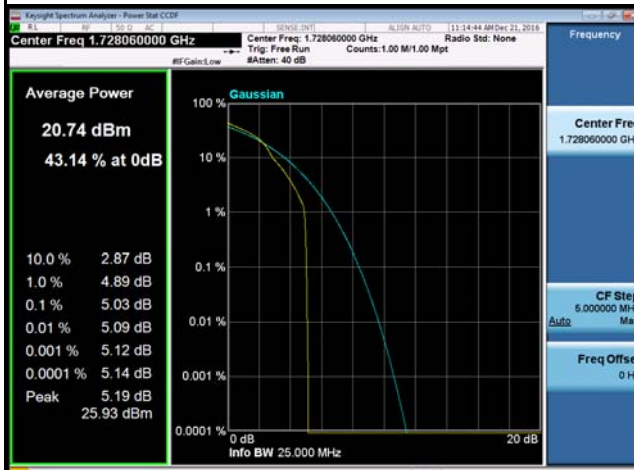
QPSK-20350



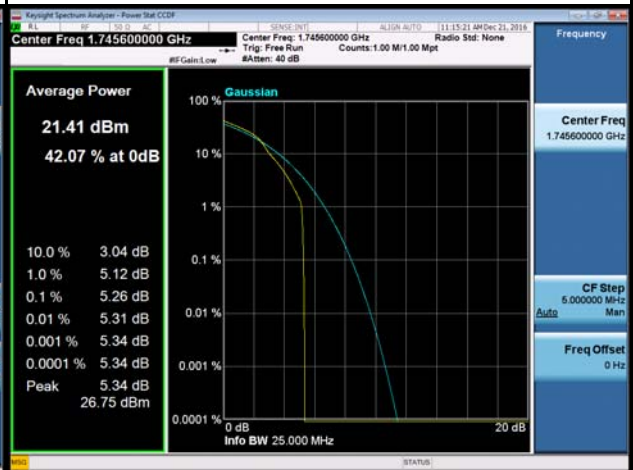
16QAM-20000



16QAM-20175

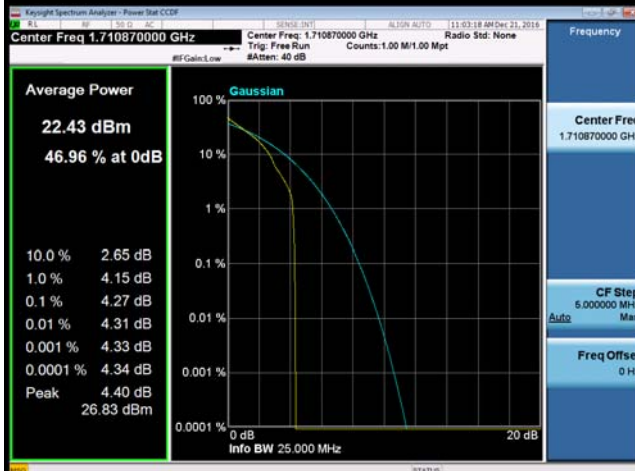


16QAM-20350



LTE Band 4 Spectrum Plot_15M

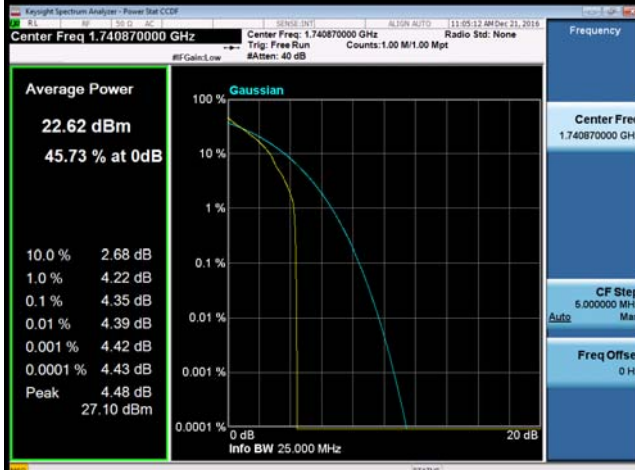
QPSK-20025



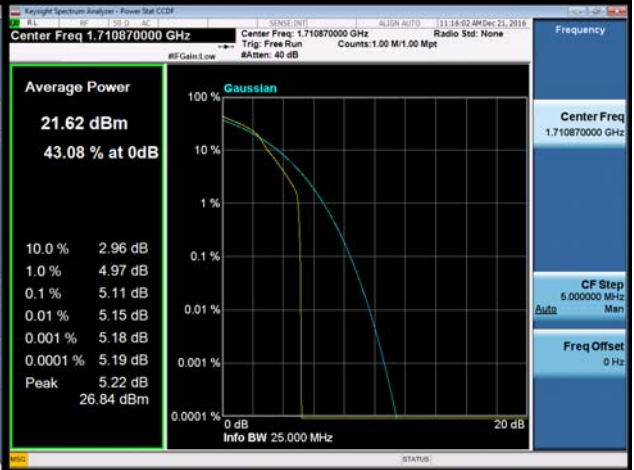
QPSK-20175



QPSK-20325



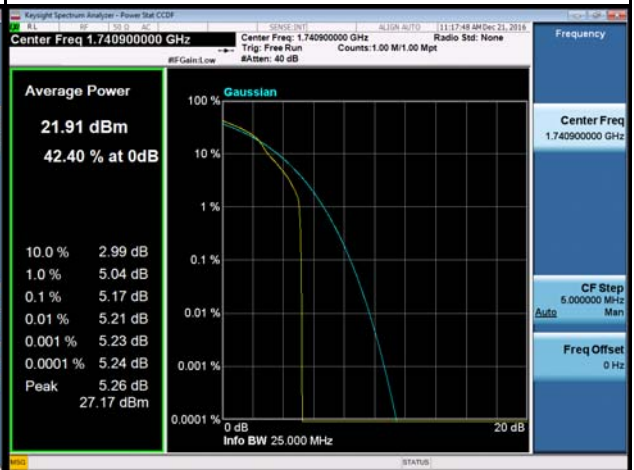
16QAM-20025



16QAM-20175

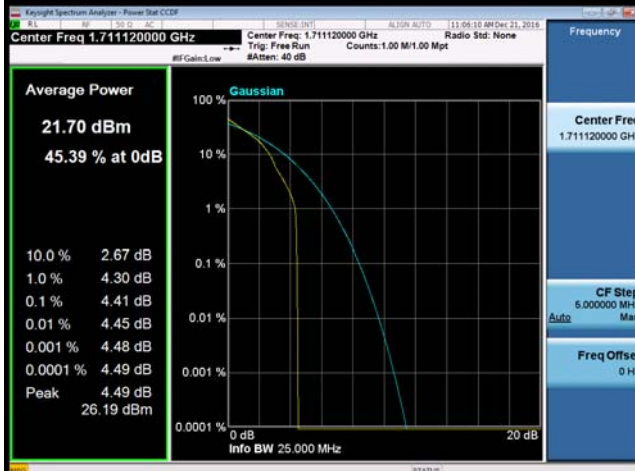


16QAM-20325



LTE Band 4 Spectrum Plot_20M

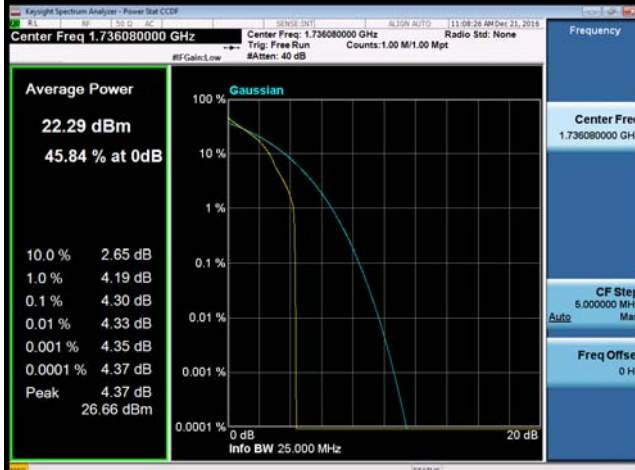
QPSK-20050



QPSK-20175



QPSK-20300



16QAM-20050



16QAM-20175

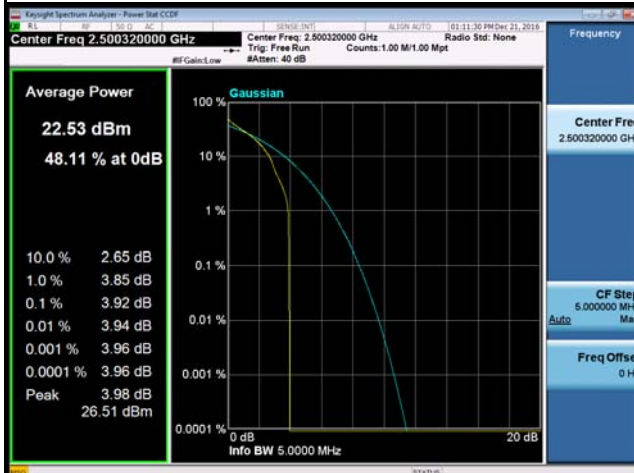


16QAM-20300



LTE Band 7 Spectrum Plot_5M

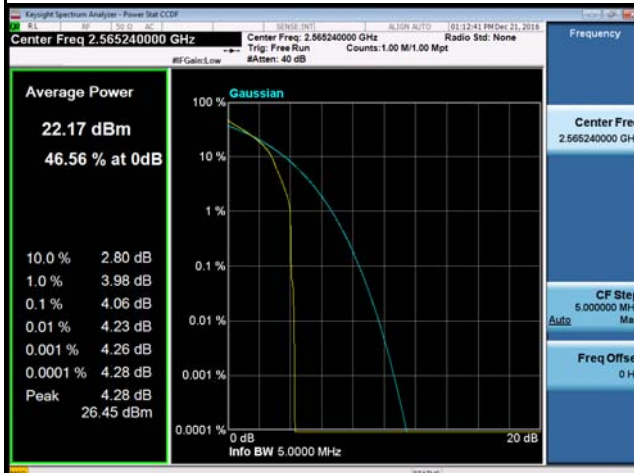
QPSK-20775



QPSK-21100



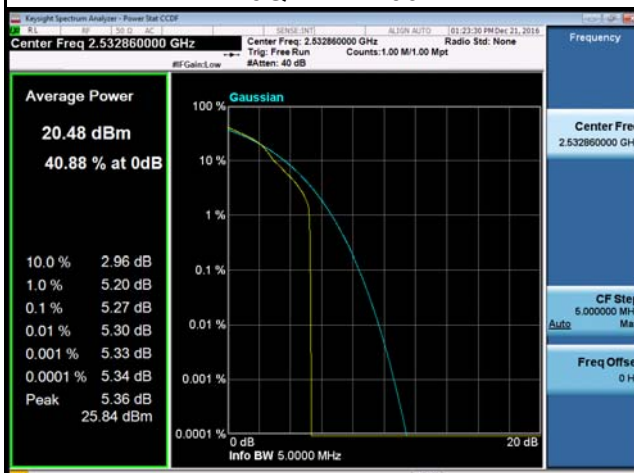
QPSK-21425



16QAM-20775



16QAM-21100

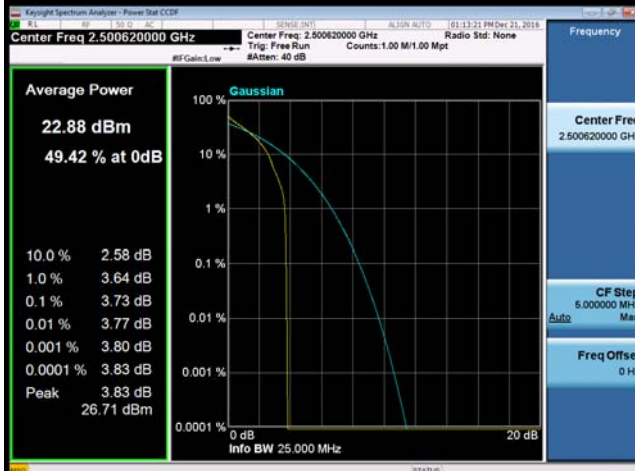


16QAM-21425

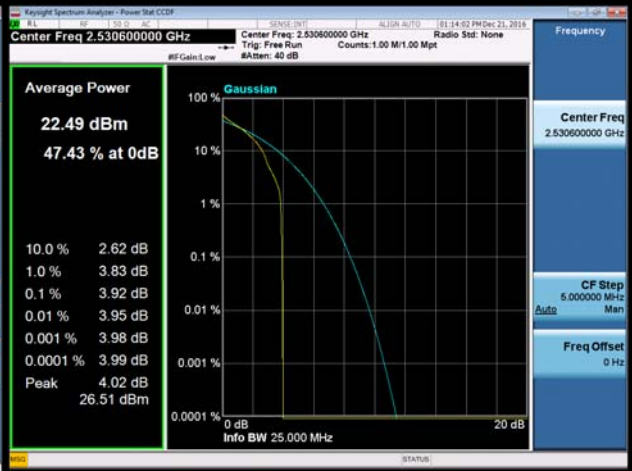


LTE Band 7 Spectrum Plot_10M

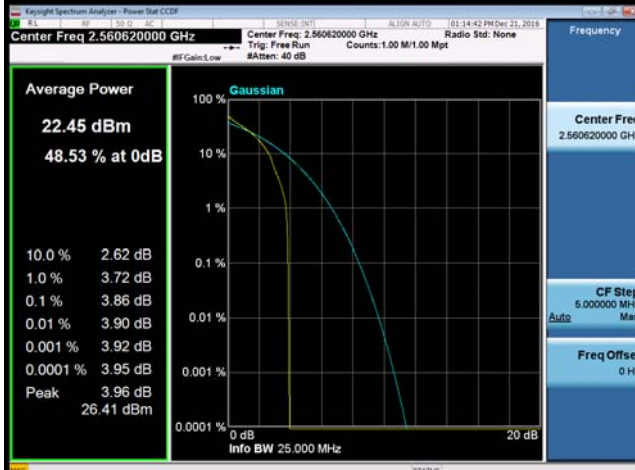
QPSK-20800



QPSK-21100



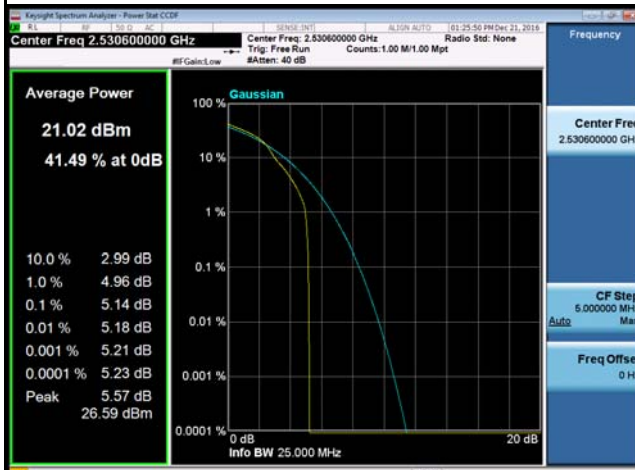
QPSK-21400



16QAM-20800



16QAM-21100

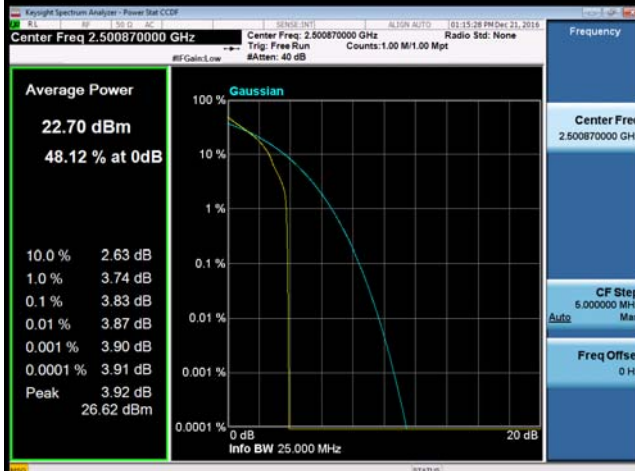


16QAM-21400



LTE Band 7 Spectrum Plot_15M

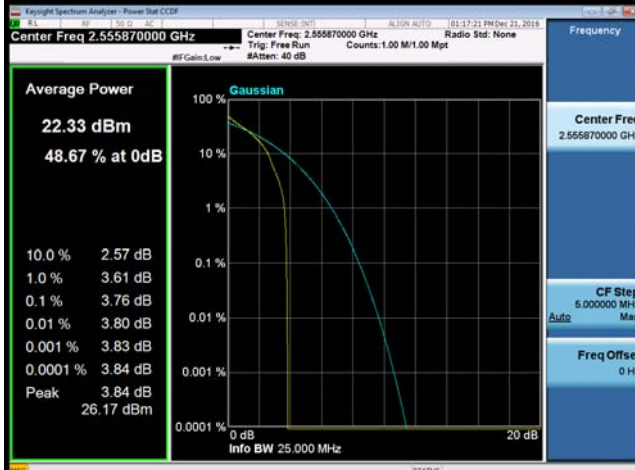
QPSK-20825



QPSK-21100



QPSK-21375



16QAM-20825



16QAM-21100

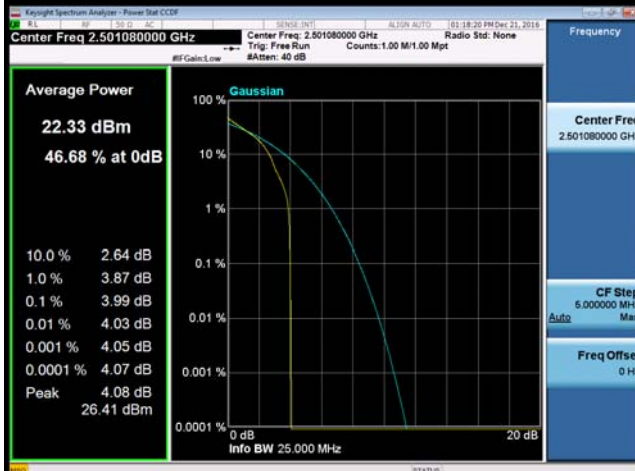


16QAM-21375



LTE Band 7 Spectrum Plot_20M

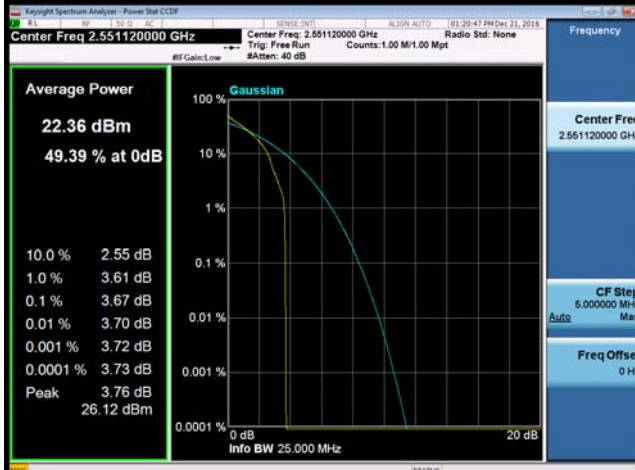
QPSK-20850



QPSK-21100



QPSK-21350



16QAM-20850



16QAM-21100

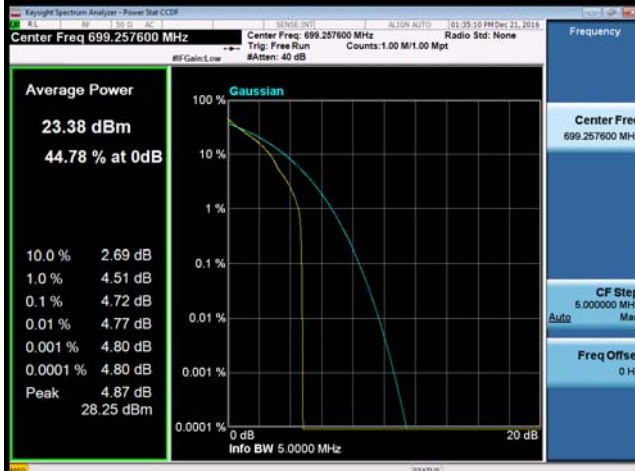


16QAM-21350

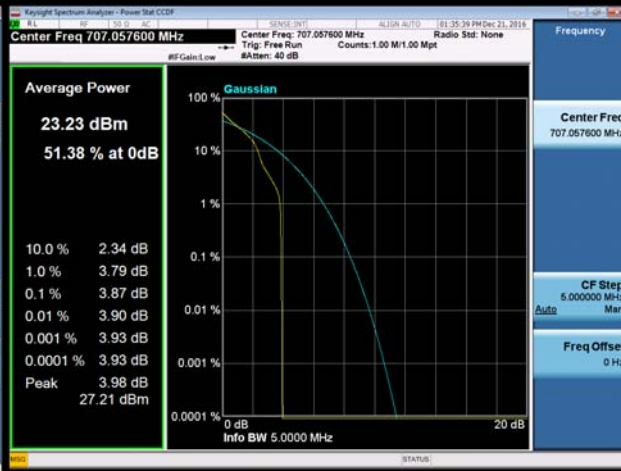


LTE Band 12 Spectrum Plot_1.4M

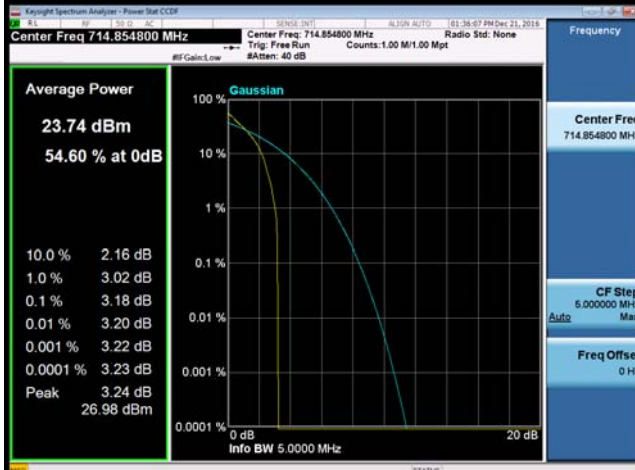
QPSK-23017



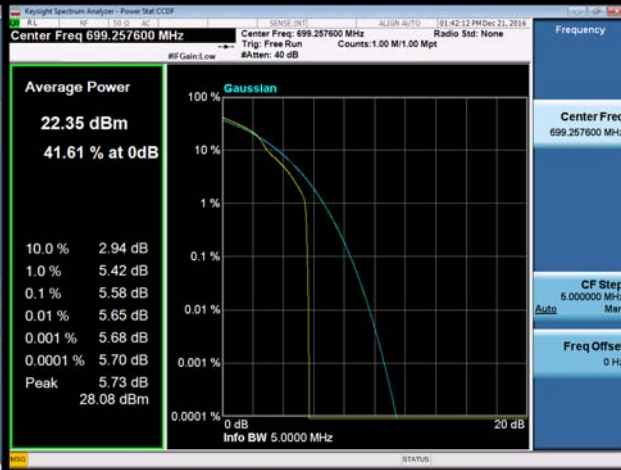
QPSK-23095



QPSK-23173



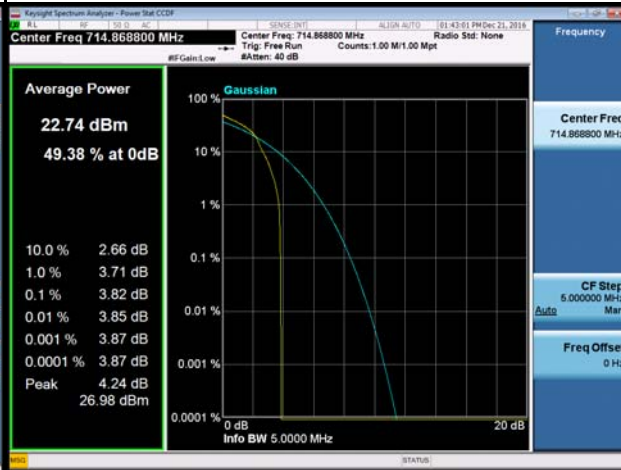
16QAM-23017



16QAM-23095

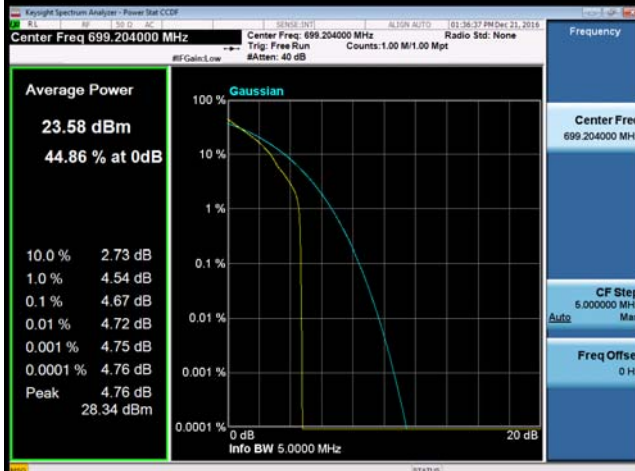


16QAM-23173

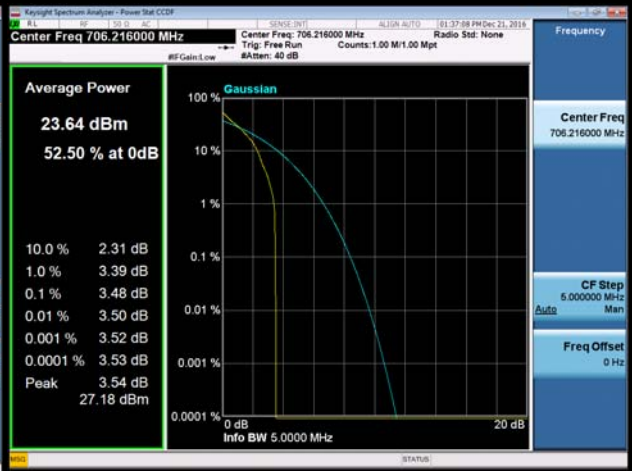


LTE Band 12 Spectrum Plot_3M

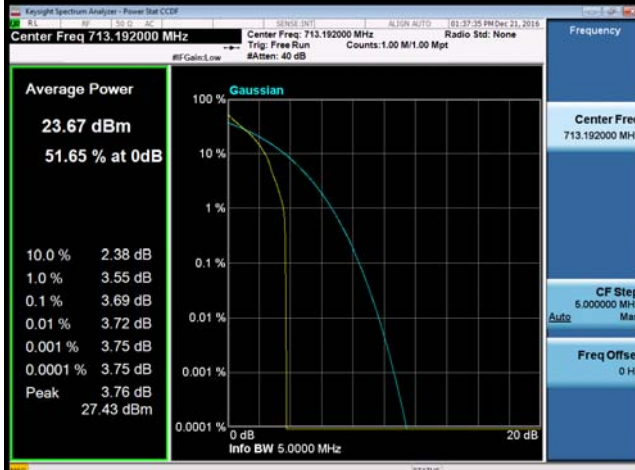
QPSK-23025



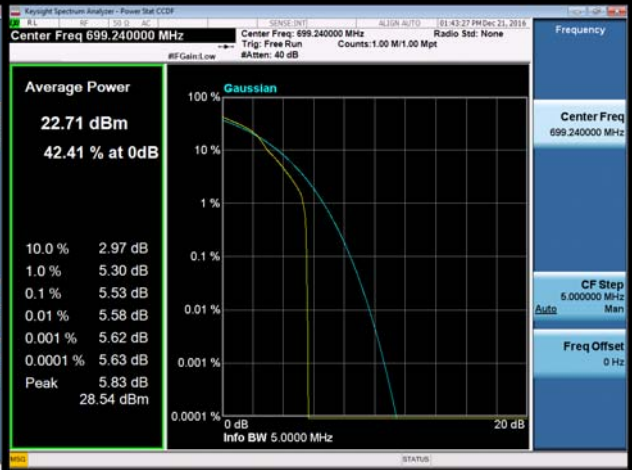
QPSK-23095



QPSK-23165



16QAM-23025



16QAM-23095

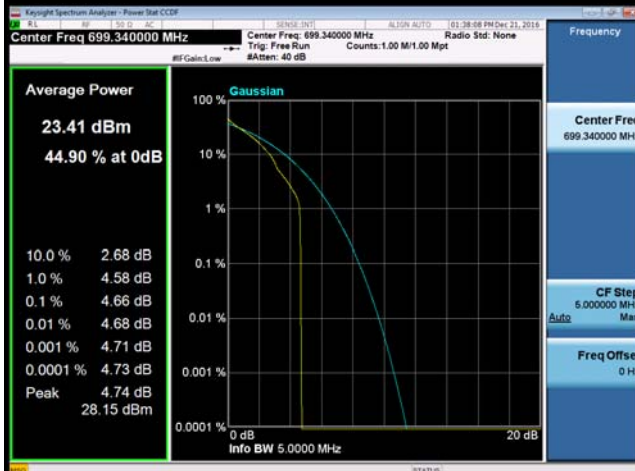


16QAM-23165



LTE Band 12 Spectrum Plot_5M

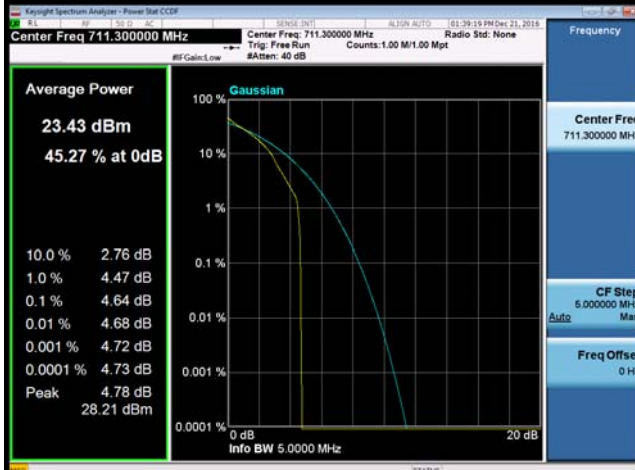
QPSK-23035



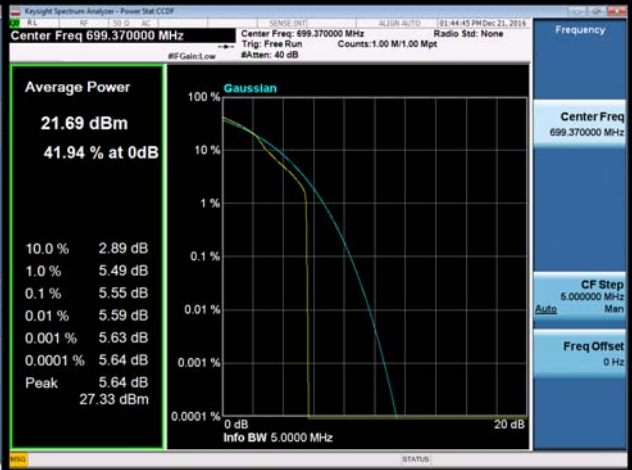
QPSK-23095



QPSK-23155



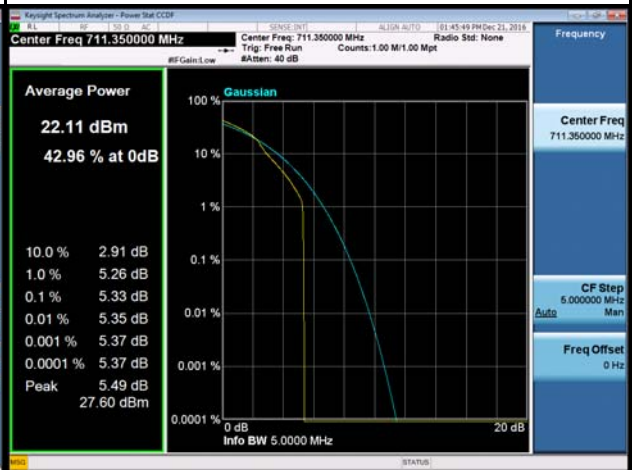
16QAM-23035



16QAM-23095

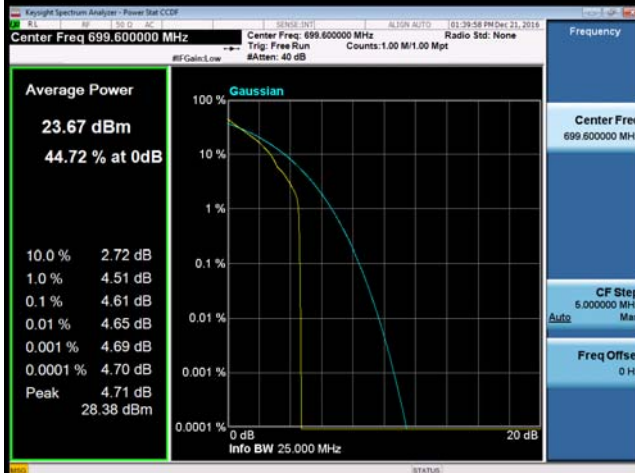


16QAM-23155

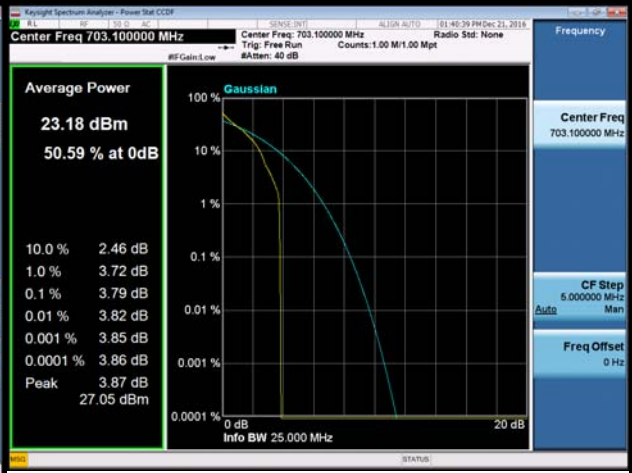


LTE Band 12 Spectrum Plot_10M

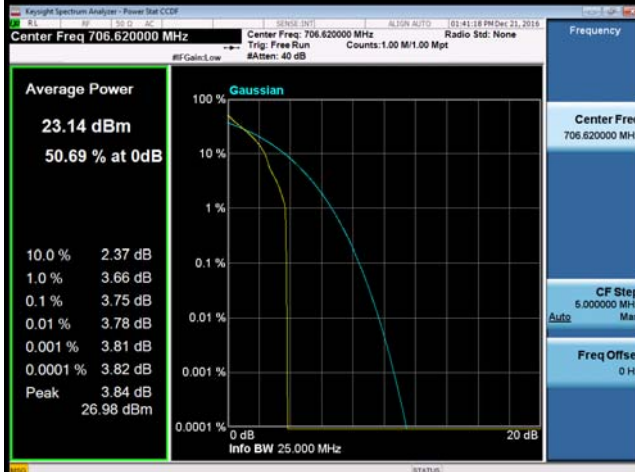
QPSK-22060



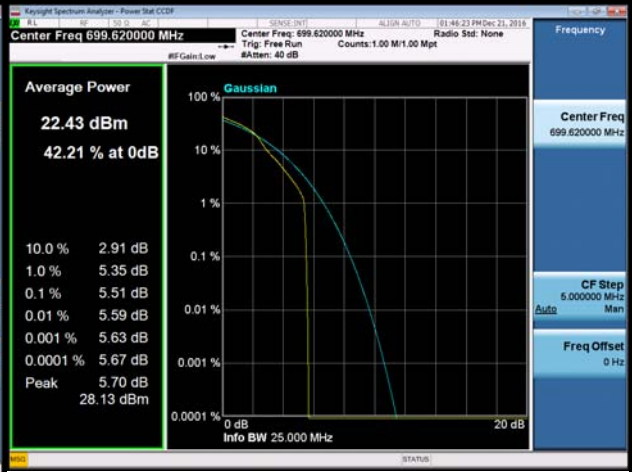
QPSK-20175



QPSK-23130



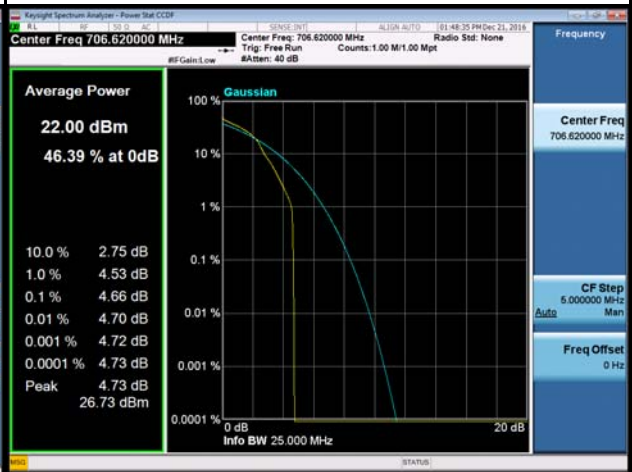
16QAM-22060



16QAM-20175

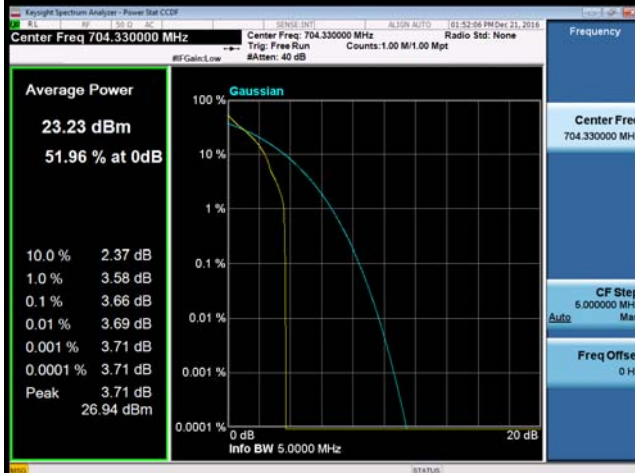


16QAM-23130

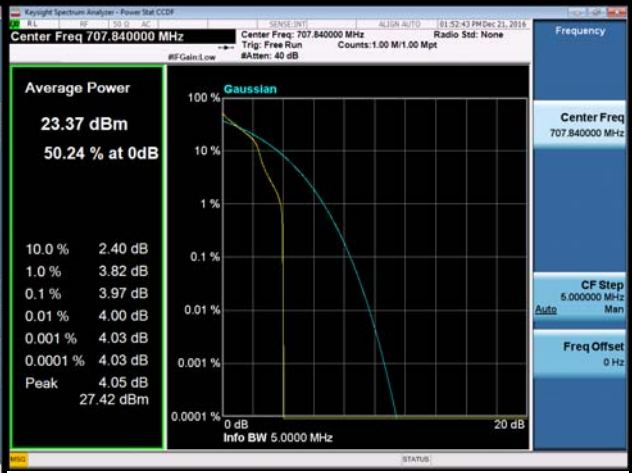


LTE Band 17 Spectrum Plot_5M

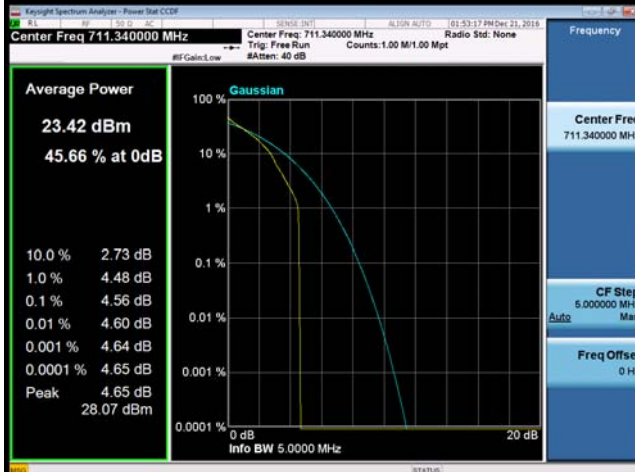
QPSK-23755



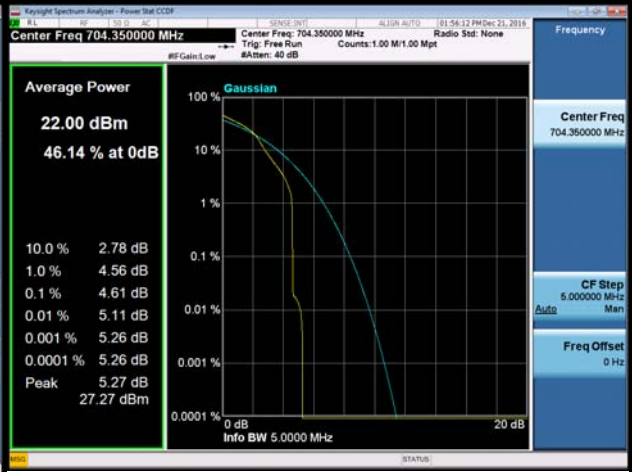
QPSK23790



QPSK-23825



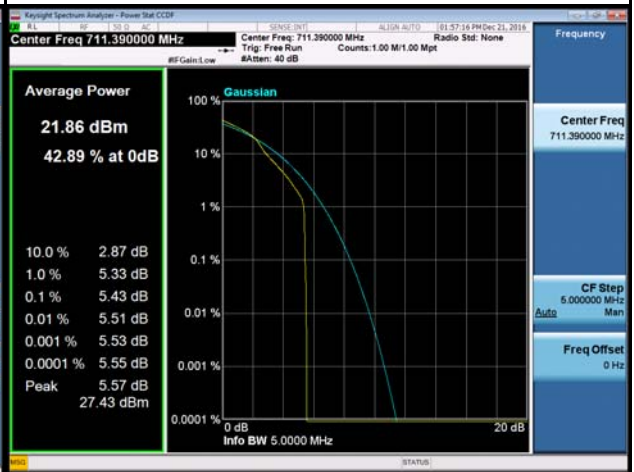
16QAM-23755



16QAM-23790



16QAM-23825



LTE Band 17 Spectrum Plot_10M



ATTACHMENT 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)
0	5.62	0.003243867	2.5
5	2.97	0.001714286	2.5
10	4.62	0.002666667	2.5
15	5.33	0.003076479	2.5
20	1.96	0.001131313	2.5
25	4.36	0.002516595	2.5
30	3.94	0.00227417	2.5
35	4.33	0.002499278	2.5
Max. Deviation (ppm)	5.62	0.003243867	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	2.55	0.001471861	2.5
3.5	4.16	0.002401154	2.5
4.35	5.64	0.003255411	2.5
Max. Deviation (ppm)	5.64	0.003255411	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)
0	1.84	0.001062049	2.5
5	5.31	0.003064935	2.5
10	-6.15	0.003549784	2.5
15	6.72	0.003878788	2.5
20	-1.66	0.000958153	2.5
25	2.99	0.00172583	2.5
30	3.60	0.002077922	2.5
35	5.76	0.003324675	2.5
Max. Deviation (ppm)	6.72	0.003878788	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	3.20	0.001847042	2.5
3.5	-2.56	0.001477633	2.5
4.35	5.88	0.003393939	2.5
Max. Deviation (ppm)	5.88	0.003393939	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)
0	2.23	0.001287157	2.5
5	5.48	0.003163059	2.5
10	4.10	0.002366522	2.5
15	-2.24	0.001292929	2.5
20	3.12	0.001800866	2.5
25	-1.66	0.000958153	2.5
30	1.92	0.001108225	2.5
35	2.36	0.001362193	2.5
Max. Deviation (ppm)	5.48	0.003163059	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	6.73	0.00388456	2.5
3.5	-1.64	0.000946609	2.5
4.35	4.99	0.002880231	2.5
Max. Deviation (ppm)	6.73	0.00388456	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)
0	3.44	0.00198557	2.5
5	-2.56	0.001477633	2.5
10	5.97	0.003445887	2.5
15	6.37	0.003676768	2.5
20	-1.82	0.001050505	2.5
25	-2.54	0.001466089	2.5
30	4.16	0.002401154	2.5
35	5.77	0.003330447	2.5
Max. Deviation (ppm)	6.37	0.003676768	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	2.56	0.001477633	2.5
3.5	3.14	0.00181241	2.5
4.35	2.09	0.001206349	2.5
Max. Deviation (ppm)	3.14	0.00181241	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)
0	2.38	0.001373737	2.5
5	3.66	0.002112554	2.5
10	-1.97	0.001137085	2.5
15	2.55	0.001471861	2.5
20	1.30	0.000750361	2.5
25	3.56	0.002054834	2.5
30	-2.84	0.00163925	2.5
35	4.19	0.00241847	2.5
Max. Deviation (ppm)	4.19	0.00241847	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	-2.53	0.001460317	2.5
3.5	-3.11	0.001795094	2.5
4.35	6.73	0.00388456	2.5
Max. Deviation (ppm)	6.73	0.00388456	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)
0	2.19	0.001264069	2.5
5	2.66	0.001535354	2.5
10	-3.22	0.001858586	2.5
15	2.25	0.001298701	2.5
20	1.99	0.001148629	2.5
25	4.41	0.002545455	2.5
30	-5.08	0.002932179	2.5
35	9.67	0.00558153	2.5
Max. Deviation (ppm)	9.67	0.00558153	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	-5.50	0.003174603	2.5
3.5	3.46	0.001997114	2.5
4.35	-2.37	0.001367965	2.5
Max. Deviation (ppm)	5.50	0.003174603	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)
0	-4.26	0.001680473	2.5
5	5.77	0.002276134	2.5
10	3.28	0.001293886	2.5
15	6.72	0.002650888	2.5
20	2.37	0.000934911	2.5
25	-5.66	0.002232742	2.5
30	4.29	0.001692308	2.5
35	3.57	0.001408284	2.5
Max. Deviation (ppm)	6.72	0.002650888	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	5.64	0.002224852	2.5
3.5	-7.66	0.003021696	2.5
4.35	2.37	0.000934911	2.5
Max. Deviation (ppm)	7.66	0.003021696	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)
0	4.26	0.001680473	2.5
5	-7.21	0.002844181	2.5
10	4.63	0.00182643	2.5
15	-2.88	0.001136095	2.5
20	5.56	0.002193294	2.5
25	2.79	0.001100592	2.5
30	1.95	0.000769231	2.5
35	-4.26	0.001680473	2.5
Max. Deviation (ppm)	5.56	0.002844181	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	4.12	0.001625247	2.5
3.5	3.45	0.001360947	2.5
4.35	2.33	0.000919132	2.5
Max. Deviation (ppm)	4.12	0.001625247	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)
0	6.47	0.002552268	2.5
5	-4.46	0.001759369	2.5
10	3.20	0.001262327	2.5
15	1.87	0.000737673	2.5
20	3.31	0.00130572	2.5
25	5.51	0.00217357	2.5
30	-3.71	0.001463511	2.5
35	4.28	0.001688363	2.5
Max. Deviation (ppm)	6.47	0.002552268	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	5.36	0.002114398	2.5
3.5	1.88	0.000741617	2.5
4.35	2.65	0.001045365	2.5
Max. Deviation (ppm)	5.36	0.002114398	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)
0	4.57	0.001802761	2.5
5	-3.22	0.001270217	2.5
10	-4.73	0.001865878	2.5
15	1.66	0.000654832	2.5
20	-4.53	0.001786982	2.5
25	2.24	0.000883629	2.5
30	-4.35	0.001715976	2.5
35	-1.93	0.000761341	2.5
Max. Deviation (ppm)	4.73	0.001865878	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	1.93	0.000761341	2.5
3.5	-3.21	0.001266272	2.5
4.35	-4.88	0.001925049	2.5
Max. Deviation (ppm)	4.88	0.001925049	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)
0	3.55	0.005017668	2.5
5	2.36	0.003335689	2.5
10	-5.83	0.008240283	2.5
15	-1.77	0.002501767	2.5
20	2.37	0.003349823	2.5
25	1.58	0.002233216	2.5
30	-2.09	0.002954064	2.5
35	1.45	0.00204947	2.5
Max. Deviation (ppm)	5.83	0.008240283	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	2.33	0.003293286	2.5
3.5	-3.75	0.005300353	2.5
4.35	2.48	0.0035053	2.5
Max. Deviation (ppm)	3.75	0.005300353	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)
0	-1.54	0.002176678	2.5
5	1.05	0.001484099	2.5
10	-2.33	0.003293286	2.5
15	-2.94	0.004155477	2.5
20	5.24	0.00740636	2.5
25	1.23	0.001738516	2.5
30	-1.65	0.002332155	2.5
35	-2.47	0.003491166	2.5
Max. Deviation (ppm)	5.24	0.00740636	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	2.53	0.003575972	2.5
3.5	-1.49	0.002106007	2.5
4.35	-3.66	0.005173145	2.5
Max. Deviation (ppm)	3.66	0.005173145	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)
0	-2.85	0.004028269	2.5
5	-1.46	0.002063604	2.5
10	1.05	0.001484099	2.5
15	2.57	0.003632509	2.5
20	1.06	0.001498233	2.5
25	-2.47	0.003491166	2.5
30	5.88	0.008310954	2.5
35	1.43	0.002021201	2.5
Max. Deviation (ppm)	5.88	0.008310954	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	6.73	0.00388456	2.5
3.5	-1.64	0.000946609	2.5
4.35	4.99	0.002880231	2.5
Max. Deviation (ppm)	6.73	0.00388456	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)
0	-2.35	0.003321555	2.5
5	3.17	0.004480565	2.5
10	-1.25	0.001766784	2.5
15	2.48	0.0035053	2.5
20	-1.97	0.002784452	2.5
25	-2.57	0.003632509	2.5
30	1.94	0.002742049	2.5
35	-3.05	0.004310954	2.5
Max. Deviation (ppm)	3.17	0.004480565	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	2.56	0.001477633	2.5
3.5	3.14	0.00181241	2.5
4.35	2.09	0.001206349	2.5
Max. Deviation (ppm)	3.14	0.00181241	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)
0	5.92	0.008338028	2.5
5	3.85	0.005422535	2.5
10	-4.87	0.006859155	2.5
15	2.86	0.004028169	2.5
20	4.36	0.006140845	2.5
25	2.85	0.004014085	2.5
30	4.99	0.007028169	2.5
35	-5.11	0.007197183	2.5
Max. Deviation (ppm)	5.92	0.008338028	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	3.79	0.005338028	2.5
3.5	3.62	0.005098592	2.5
4.35	-9.67	0.013619718	2.5
Max. Deviation (ppm)	9.67	0.013619718	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)
0	6.03	0.008492958	2.5
5	-5.82	0.008197183	2.5
10	3.58	0.005042254	2.5
15	-2.87	0.004042254	2.5
20	3.65	0.005140845	2.5
25	5.88	0.00828169	2.5
30	-3.61	0.005084507	2.5
35	4.43	0.006239437	2.5
Max. Deviation (ppm)	6.03	0.008492958	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	5.23	0.007366197	2.5
3.5	4.88	0.006873239	2.5
4.35	-3.12	0.004394366	2.5
Max. Deviation (ppm)	5.23	0.007366197	2.5