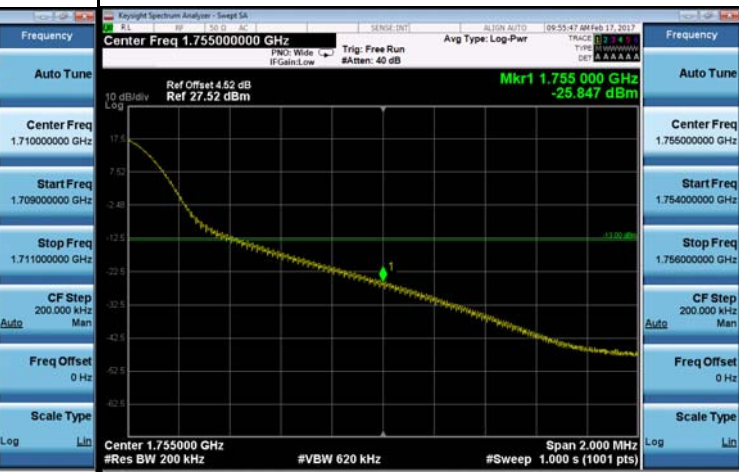
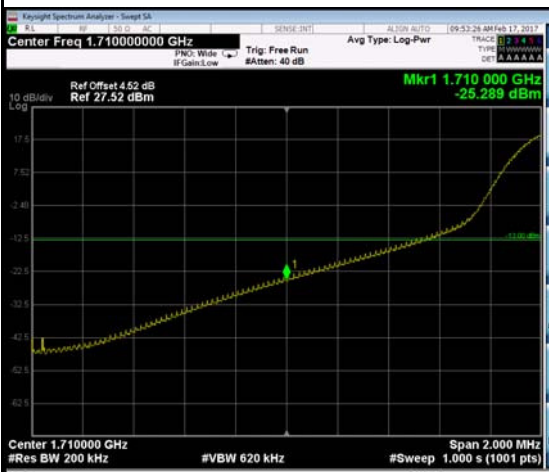


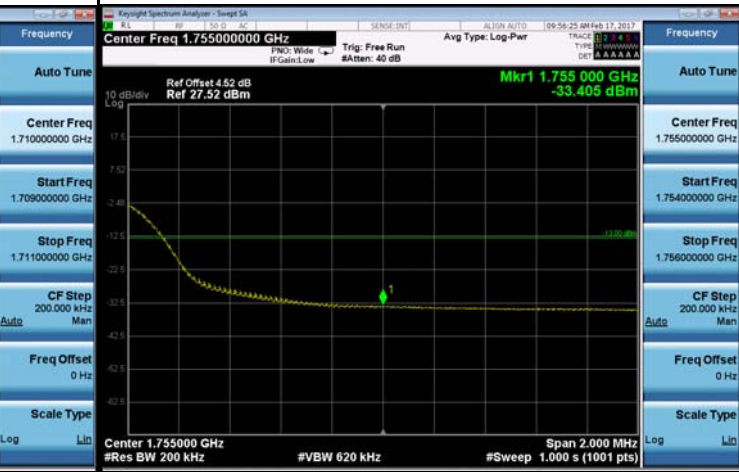
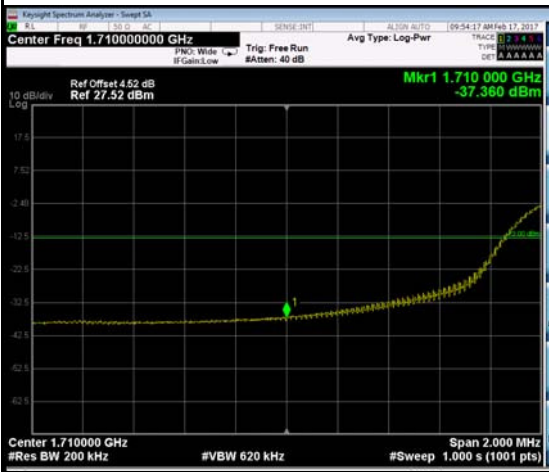
LTE Band 4_20M

1RB0		1RB99	
Channel	20050	Channel	20300



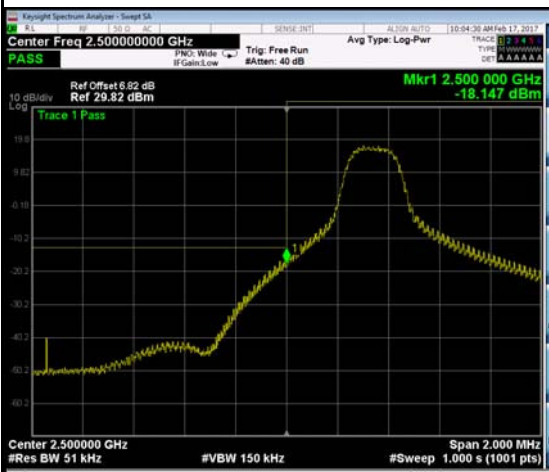
100RB0

Channel	20050	Channel	20300
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LTE Band 7_5M

1RB0		1RB24	
Channel	20775	Channel	21425

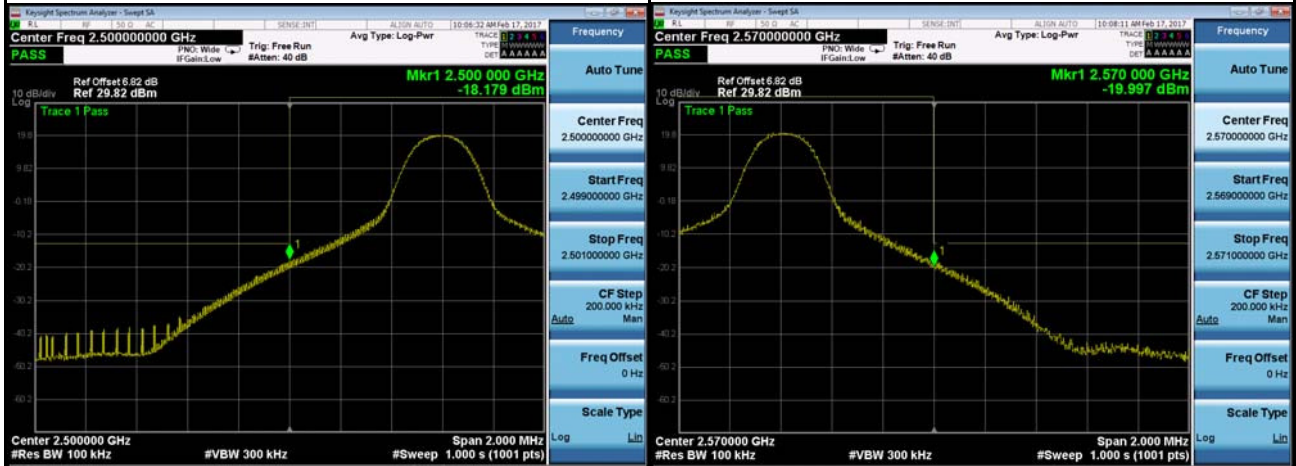


25RB0

Channel	20775	Channel	21425
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LTE Band 7_10M			
1RB0		1RB49	
Channel	20800	Channel	21400



50RB0			
Channel	20800	Channel	21400



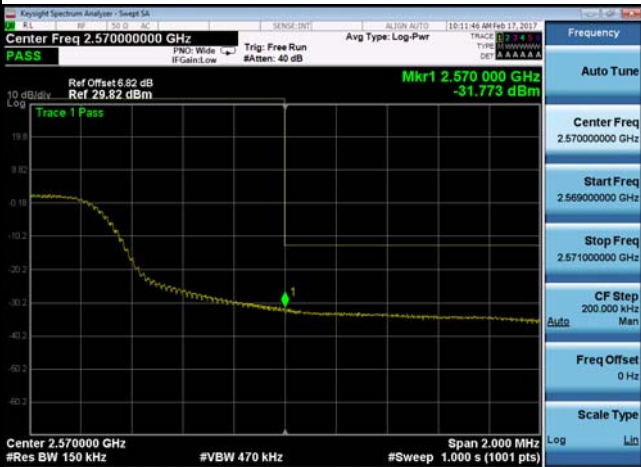
LTE Band 7_15M

1RB0		1RB74	
Channel	20825	Channel	21375



75RB0

20825		21375	
Channel	20825	Channel	21375



LTE Band 7_20M			
1RB0		1RB99	
Channel	20850	Channel	21350

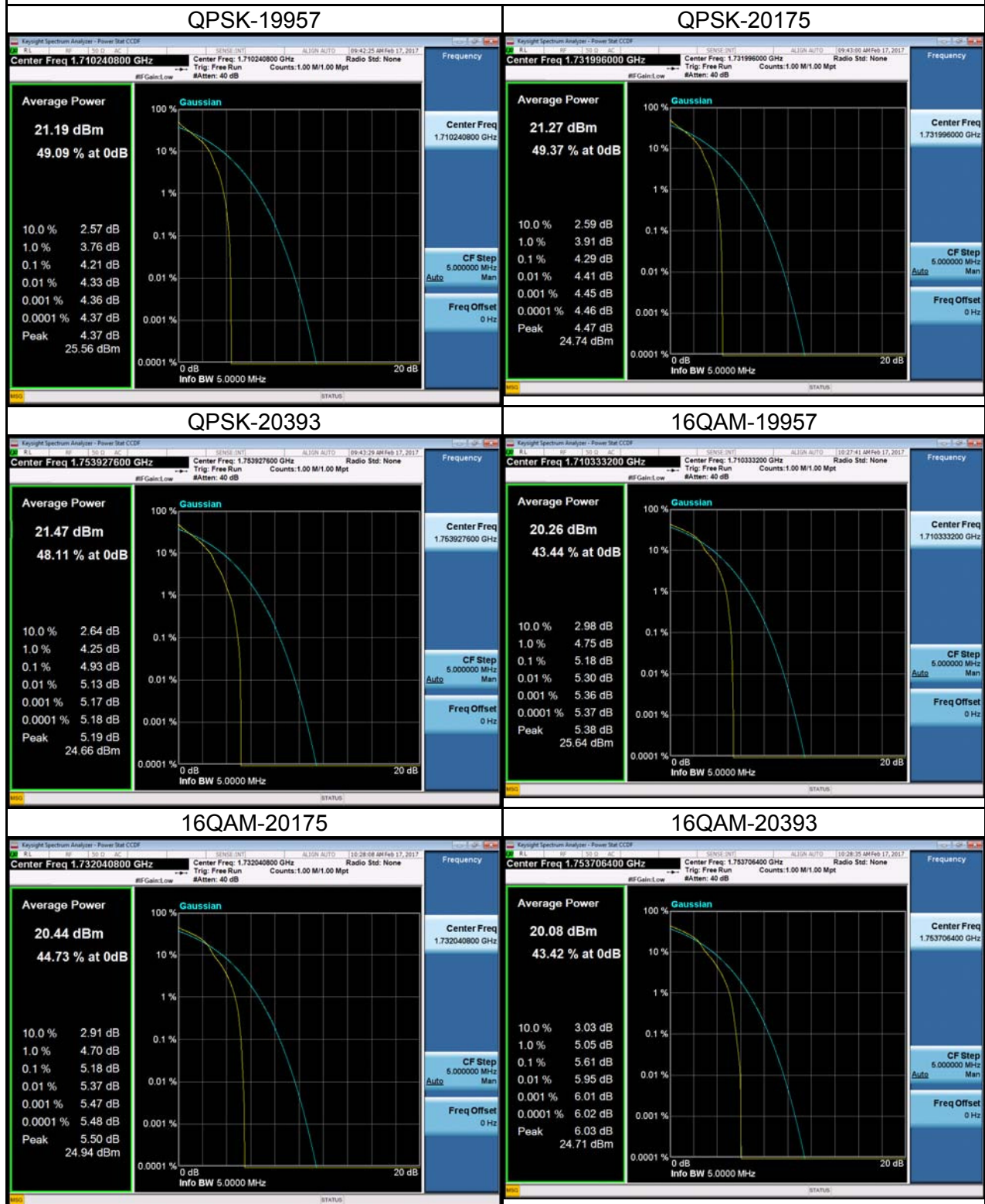


100RB0			
Channel	20850	Channel	21350



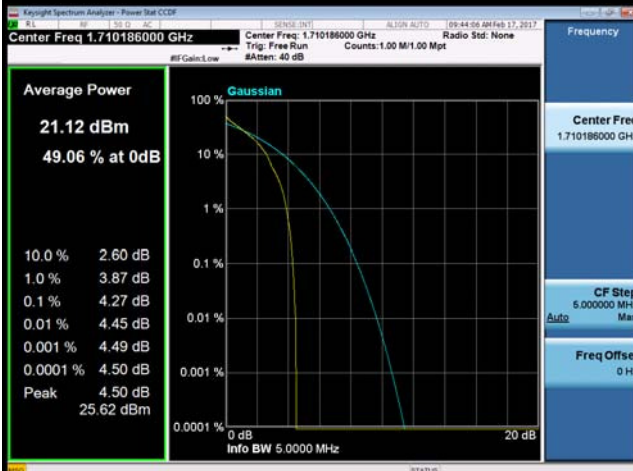
ATTACHMENT F - PEAK TO AVERAGE RATIO

LTE Band 4 Spectrum Plot_1.4M

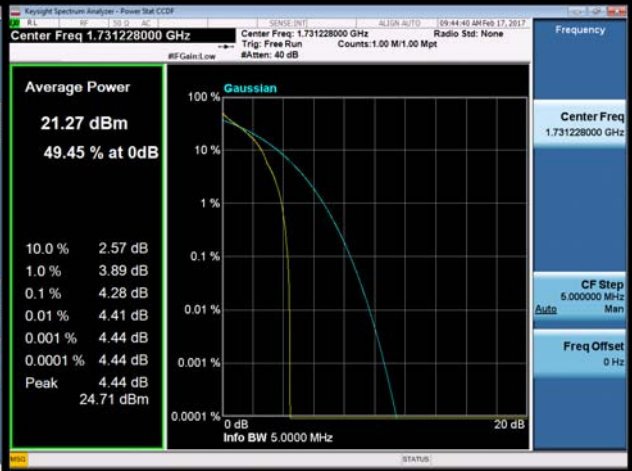


LTE Band 4 Spectrum Plot_3M

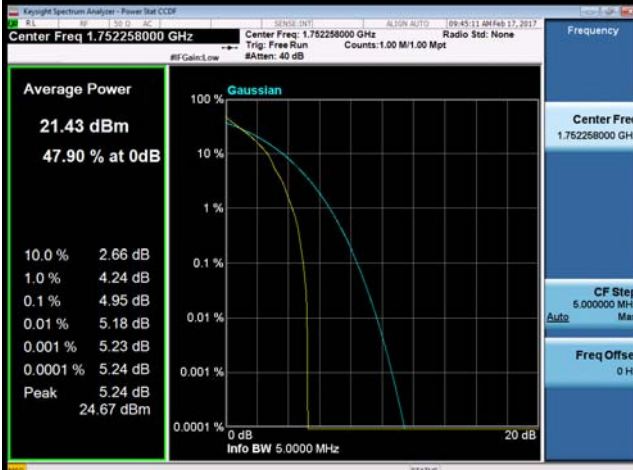
QPSK-19965



QPSK-20175



QPSK-20385



16QAM-19965



16QAM-20175

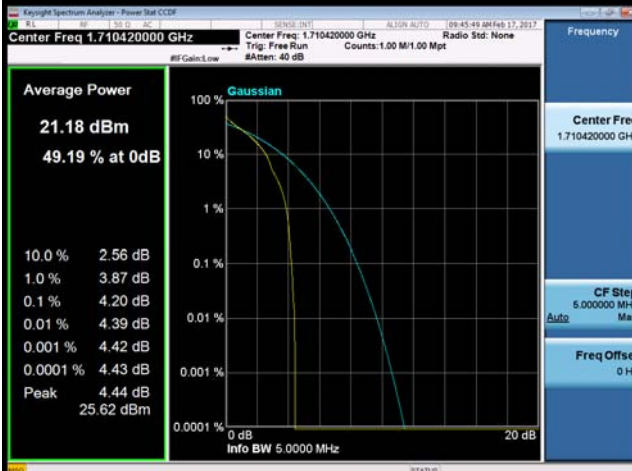


16QAM-20385



LTE Band 4 Spectrum Plot_5M

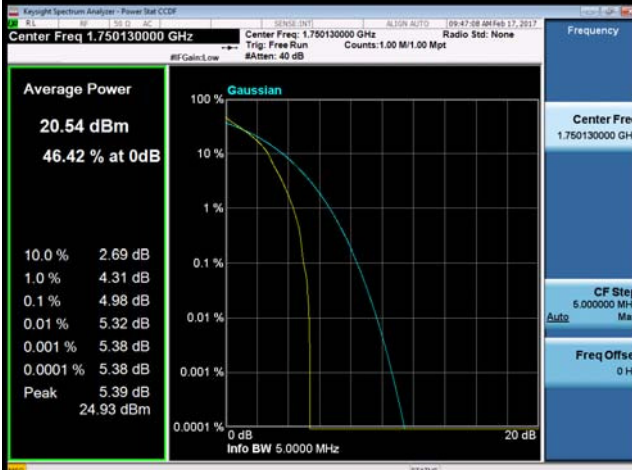
QPSK-19975



QPSK-20175



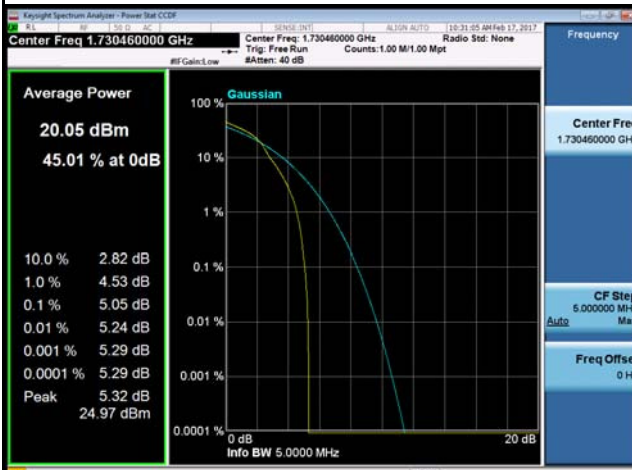
QPSK-20375



16QAM-19975



16QAM-20175

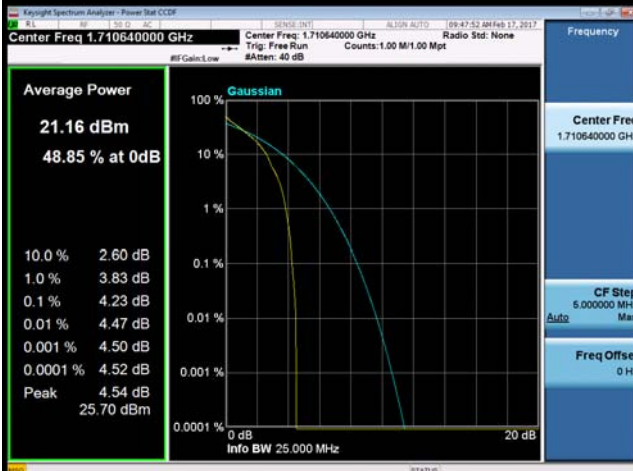


16QAM-20375

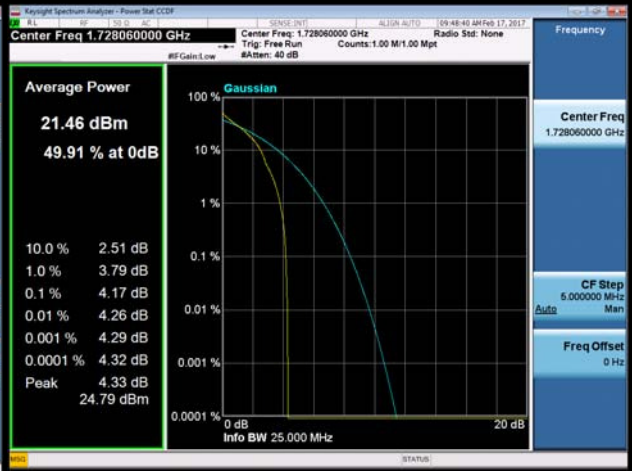


LTE Band 4 Spectrum Plot_10M

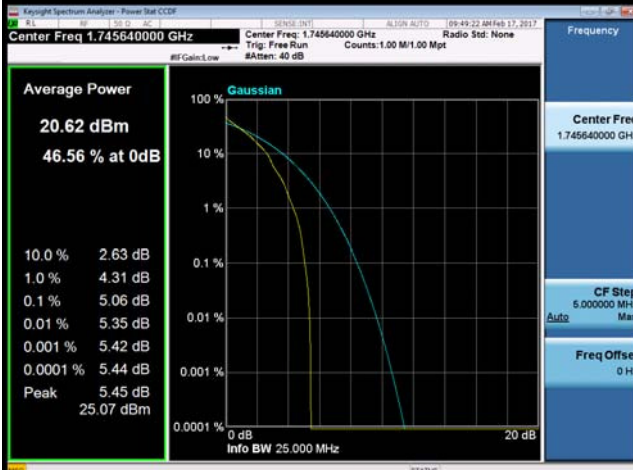
QPSK-20000



QPSK-20175



QPSK-20350



16QAM-20000



16QAM-20175

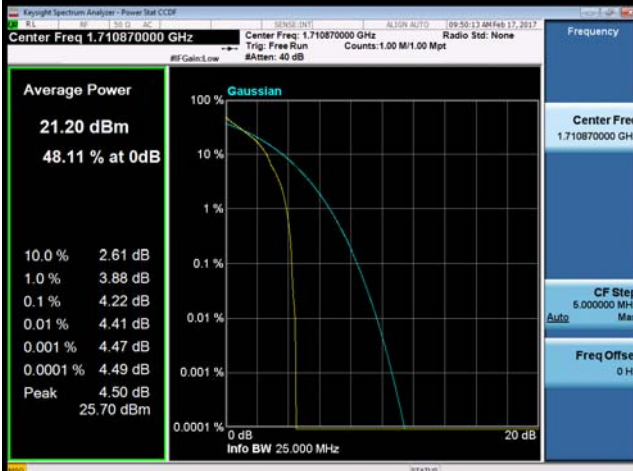


16QAM-20350



LTE Band 4 Spectrum Plot_15M

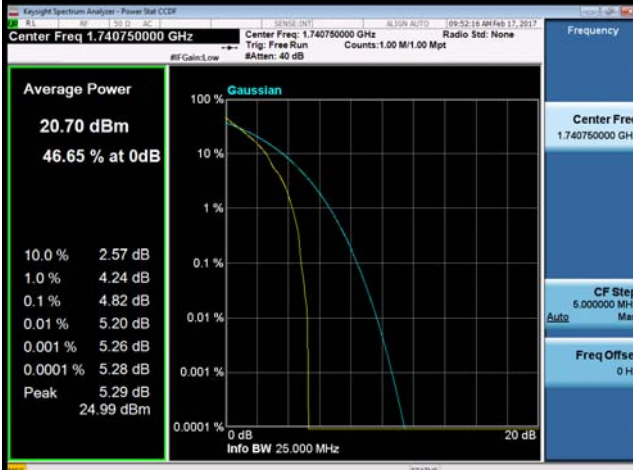
QPSK-20025



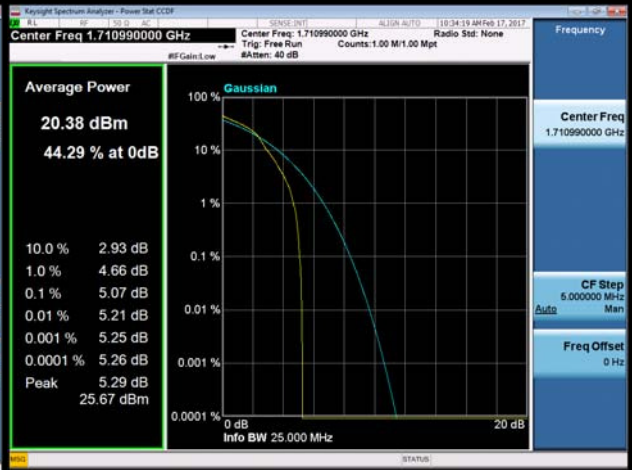
QPSK-20175



QPSK-20325



16QAM-20025



16QAM-20175

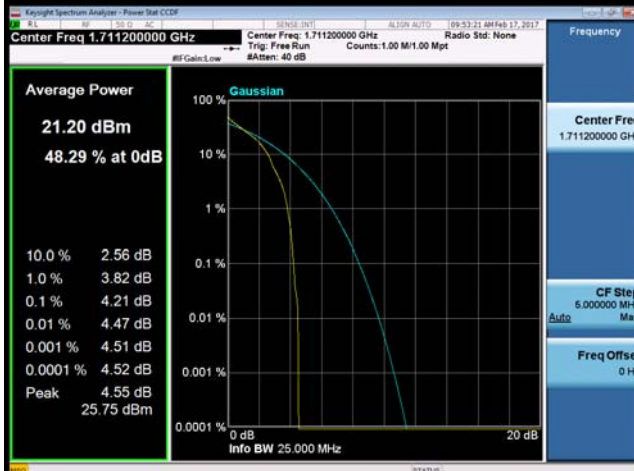


16QAM-20325



LTE Band 4 Spectrum Plot_20M

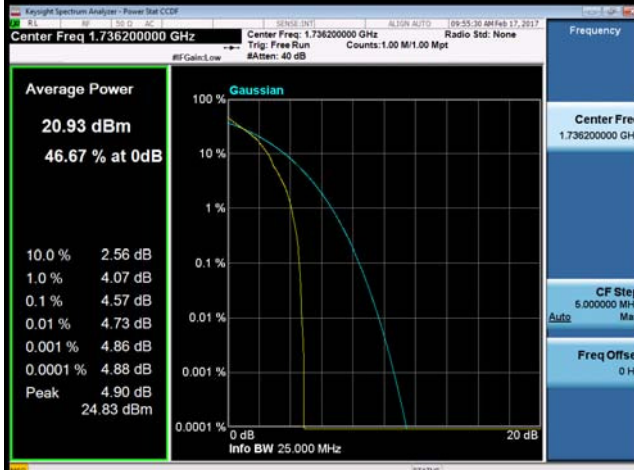
QPSK-20050



QPSK-20175



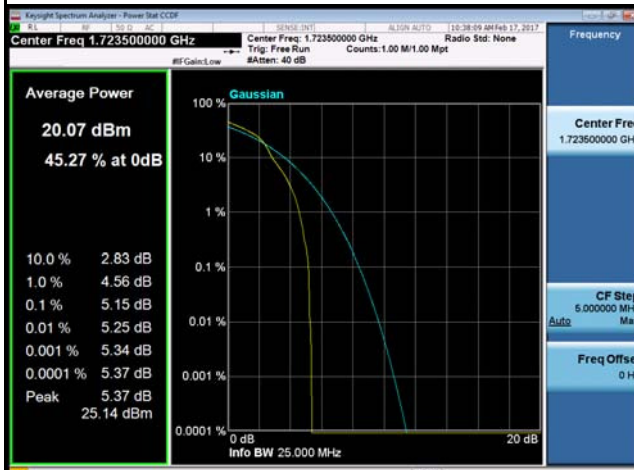
QPSK-20300



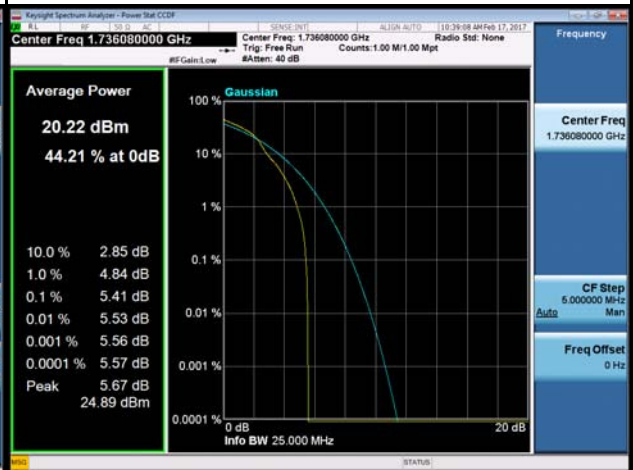
16QAM-20050



16QAM-20175

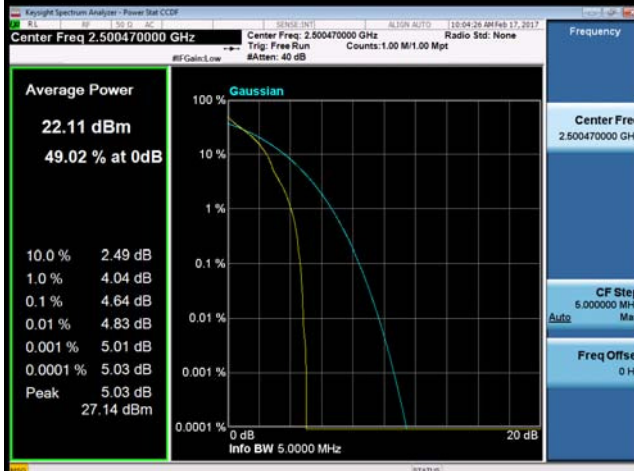


16QAM-20300



LTE Band 7 Spectrum Plot_5M

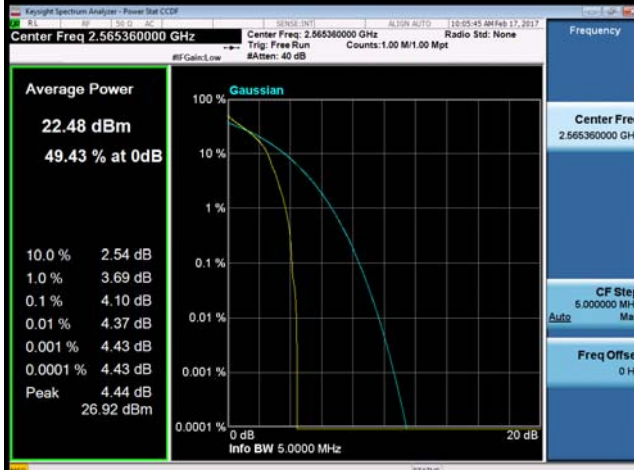
QPSK-20775



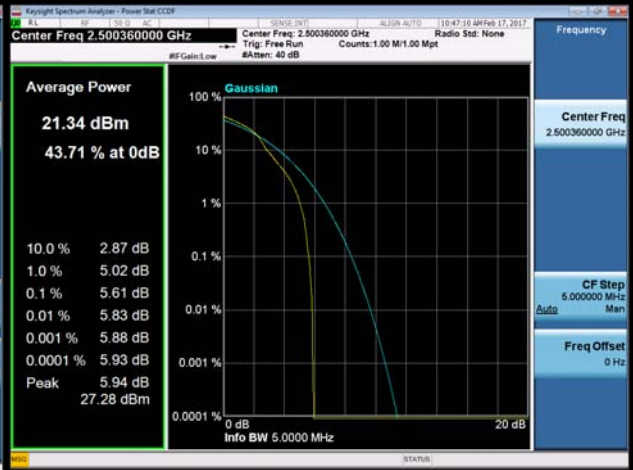
QPSK-21100



QPSK-21425



16QAM-20775



16QAM-21100

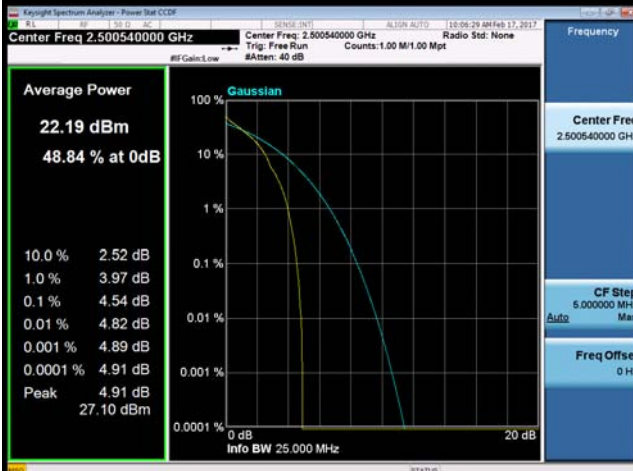


16QAM-21425



LTE Band 7 Spectrum Plot_10M

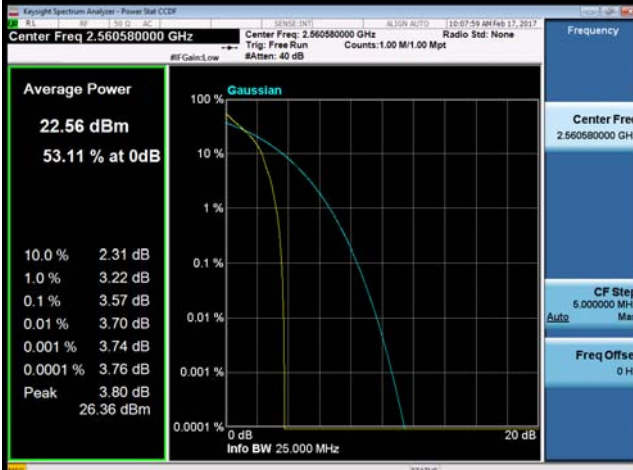
QPSK-20800



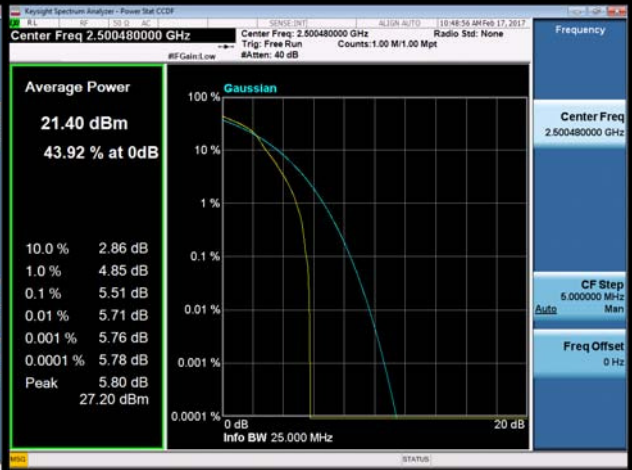
QPSK-21100



QPSK-21400



16QAM-20800



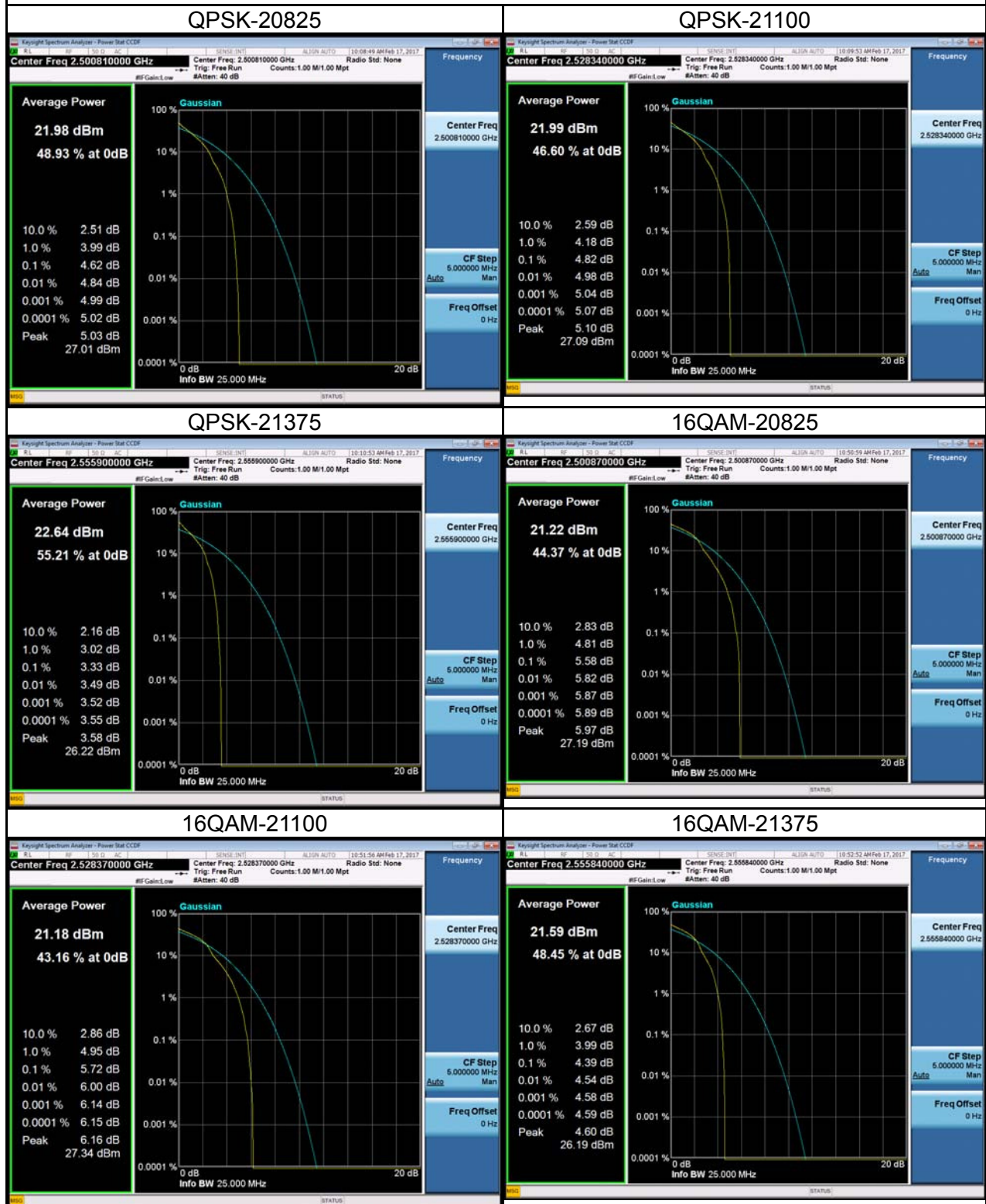
16QAM-21100



16QAM-21400

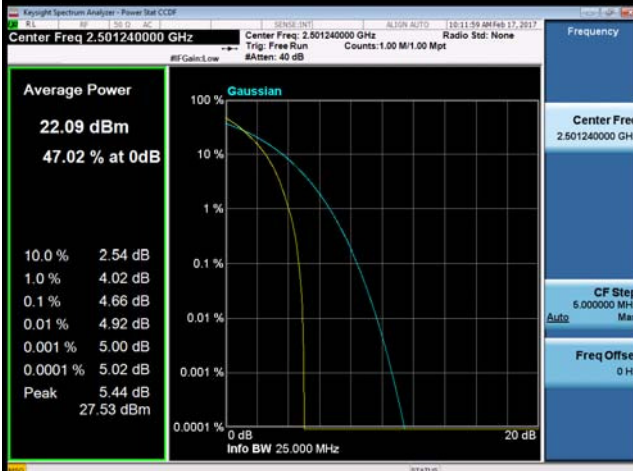


LTE Band 7 Spectrum Plot_15M



LTE Band 7 Spectrum Plot_20M

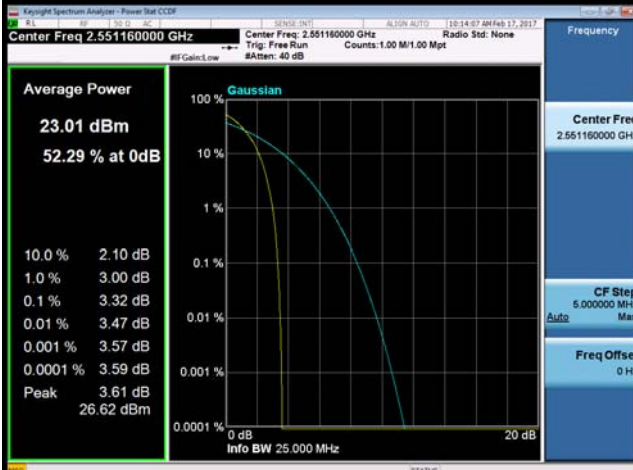
QPSK-20850



QPSK-21100



QPSK-21350



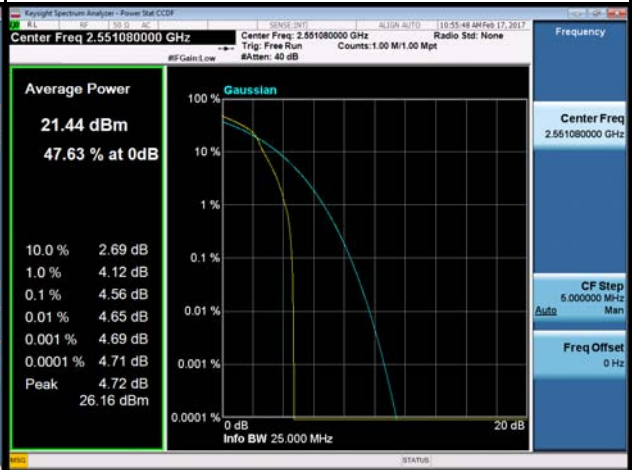
16QAM-20850



16QAM-21100



16QAM-21350



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	3.88	0.002239538	2.5
5	2.56	0.001477633	2.5
10	-3.45	0.001991342	2.5
15	6.37	0.003676768	2.5
20	1.78	0.001027417	2.5
25	-2.33	0.001344877	2.5
30	-4.12	0.002378066	2.5
35	3.48	0.002008658	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	2.15	0.001240981	2.5
4.0	3.67	0.002118326	2.5
4.2	2.09	0.001206349	2.5
Max. Deviation (ppm)	3.67	0.002118326	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	-2.69	0.00155267	2.5
5	-3.33	0.001922078	2.5
10	5.69	0.003284271	2.5
15	4.59	0.002649351	2.5
20	2.36	0.001362193	2.5
25	-6.32	0.003647908	2.5
30	5.79	0.003341991	2.5
35	5.51	0.003180375	2.5
Max. Deviation (ppm)	6.32	0.003647908	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	1.28	0.000738817	2.5
4.0	-2.60	0.001500722	2.5
4.2	-5.34	0.003082251	2.5
Max. Deviation (ppm)	5.34	0.003082251	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	3.22	0.001858586	2.5
5	-1.48	0.000854257	2.5
10	1.83	0.001056277	2.5
15	-2.36	0.001362193	2.5
20	5.68	0.003278499	2.5
25	-4.56	0.002632035	2.5
30	1.84	0.001062049	2.5
35	3.66	0.002112554	2.5
Max. Deviation (ppm)	5.68	0.003278499	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	6.77	0.003907648	2.5
4.0	-5.03	0.002903319	2.5
4.2	4.16	0.002401154	2.5
Max. Deviation (ppm)	6.77	0.003907648	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	4.56	0.002632035	2.5
5	-3.92	0.002262626	2.5
10	-1.89	0.001090909	2.5
15	1.33	0.000767677	2.5
20	-2.68	0.001546898	2.5
25	-2.45	0.001414141	2.5
30	3.18	0.001835498	2.5
35	5.87	0.003388167	2.5
Max. Deviation (ppm)	5.87	0.003388167	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	3.75	0.002164502	2.5
4.0	-1.03	0.000594517	2.5
4.2	2.62	0.001512266	2.5
Max. Deviation (ppm)	3.75	0.002164502	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	4.32	0.002493506	2.5
5	2.14	0.001235209	2.5
10	-6.08	0.00350938	2.5
15	2.33	0.001344877	2.5
20	-5.88	0.003393939	2.5
25	2.09	0.001206349	2.5
30	3.73	0.002152958	2.5
35	4.10	0.002366522	2.5
Max. Deviation (ppm)	6.08	0.00350938	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	5.51	0.003180375	2.5
4.0	6.38	0.00368254	2.5
4.2	-2.10	0.001212121	2.5
Max. Deviation (ppm)	6.38	0.00368254	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	2.39	0.001379509	2.5
5	5.25	0.003030303	2.5
10	-5.42	0.003128427	2.5
15	2.30	0.001327561	2.5
20	5.08	0.002932179	2.5
25	4.09	0.00236075	2.5
30	4.11	0.002372294	2.5
35	7.77	0.004484848	2.5
Max. Deviation (ppm)	7.77	0.004484848	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	5.34	0.003082251	2.5
4.0	2.13	0.001229437	2.5
4.2	4.82	0.002782107	2.5
Max. Deviation (ppm)	5.34	0.003082251	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	3.20	0.001262327	2.5
5	-6.24	0.002461538	2.5
10	1.98	0.000781065	2.5
15	-3.99	0.001573964	2.5
20	1.07	0.000422091	2.5
25	5.16	0.002035503	2.5
30	2.34	0.000923077	2.5
35	-1.99	0.00078501	2.5
Max. Deviation (ppm)	6.24	0.002461538	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	6.64	0.002619329	2.5
4.0	6.27	0.002473373	2.5
4.2	3.57	0.001408284	2.5
Max. Deviation (ppm)	6.64	0.002619329	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	3.22	0.001270217	2.5
5	6.14	0.002422091	2.5
10	-6.97	0.002749507	2.5
15	3.28	0.001293886	2.5
20	3.74	0.001475345	2.5
25	-4.61	0.00181854	2.5
30	5.14	0.002027613	2.5
35	3.24	0.001278107	2.5
Max. Deviation (ppm)	6.14	0.002749507	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	3.19	0.001258383	2.5
4.0	5.21	0.002055227	2.5
4.2	-3.69	0.001455621	2.5
Max. Deviation (ppm)	5.21	0.002055227	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	3.14	0.001238659	2.5
5	-5.21	0.002055227	2.5
10	-6.28	0.002477318	2.5
15	-3.08	0.00121499	2.5
20	2.27	0.000895464	2.5
25	1.66	0.000654832	2.5
30	5.14	0.002027613	2.5
35	2.68	0.001057199	2.5
Max. Deviation (ppm)	6.28	0.002477318	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	2.12	0.000836292	2.5
4.0	1.87	0.000737673	2.5
4.2	-2.94	0.001159763	2.5
Max. Deviation (ppm)	2.94	0.001159763	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	3.75	0.00147929	2.5
5	1.28	0.000504931	2.5
10	-6.29	0.002481262	2.5
15	1.82	0.000717949	2.5
20	4.37	0.001723866	2.5
25	5.24	0.002067061	2.5
30	-1.18	0.000465483	2.5
35	5.02	0.001980276	2.5
Max. Deviation (ppm)	6.29	0.002481262	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	1.33	0.000524655	2.5
4.0	5.14	0.002027613	2.5
4.2	3.62	0.001428008	2.5
Max. Deviation (ppm)	5.14	0.002027613	2.5