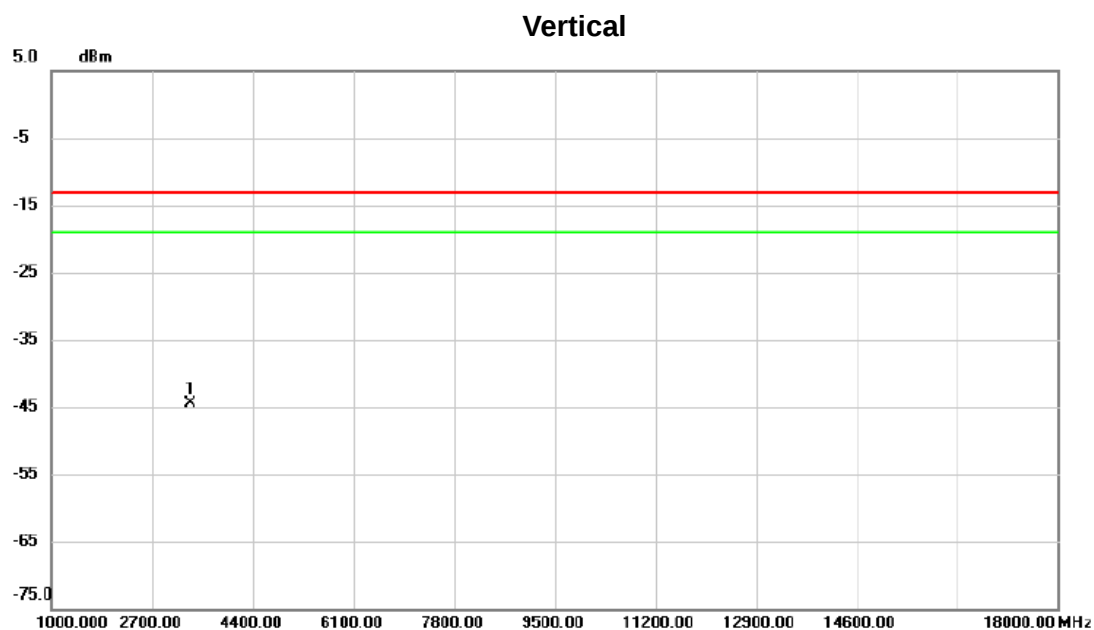


Test Mode:

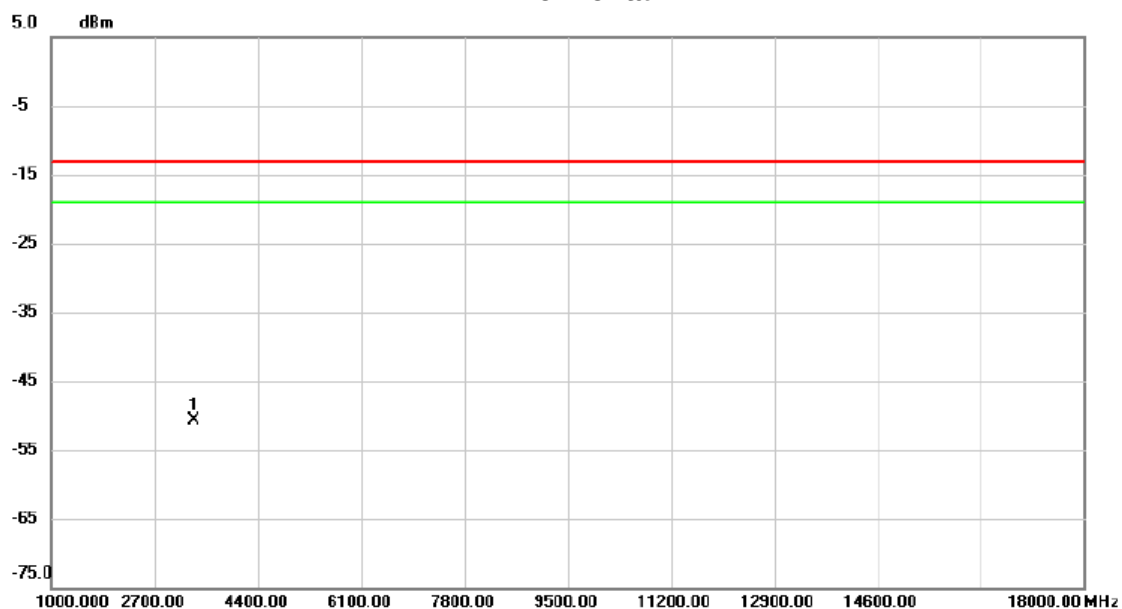
LTE Band 26_1.4M



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	3354.000	-58.24	13.73	-44.51	-13.00	-31.51	peak	

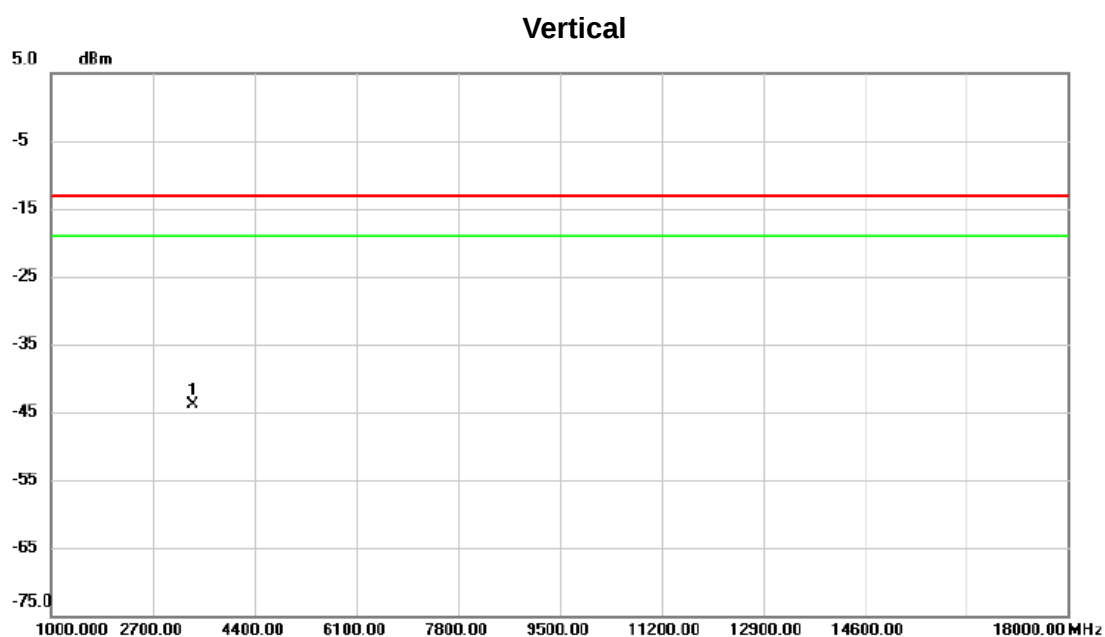
Test Mode:	LTE Band 26_1.4M
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Horizontal



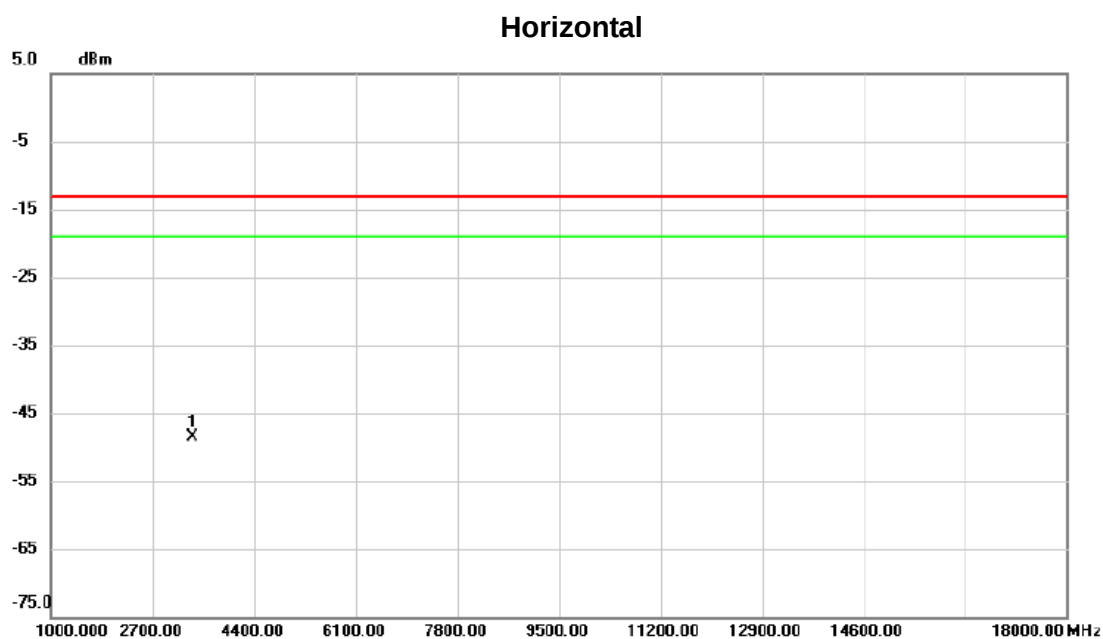
No. Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
	MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1 *	3354.000	-60.67	10.07	-50.60	-13.00	-37.60	peak	

Test Mode:	LTE Band 26_15M
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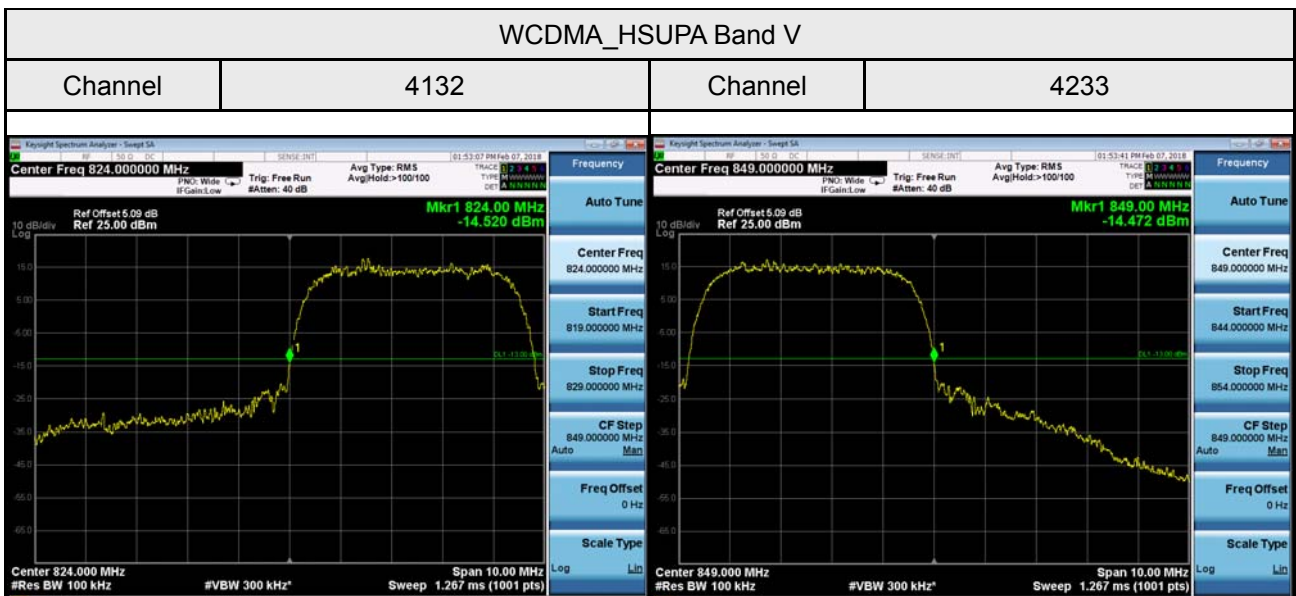
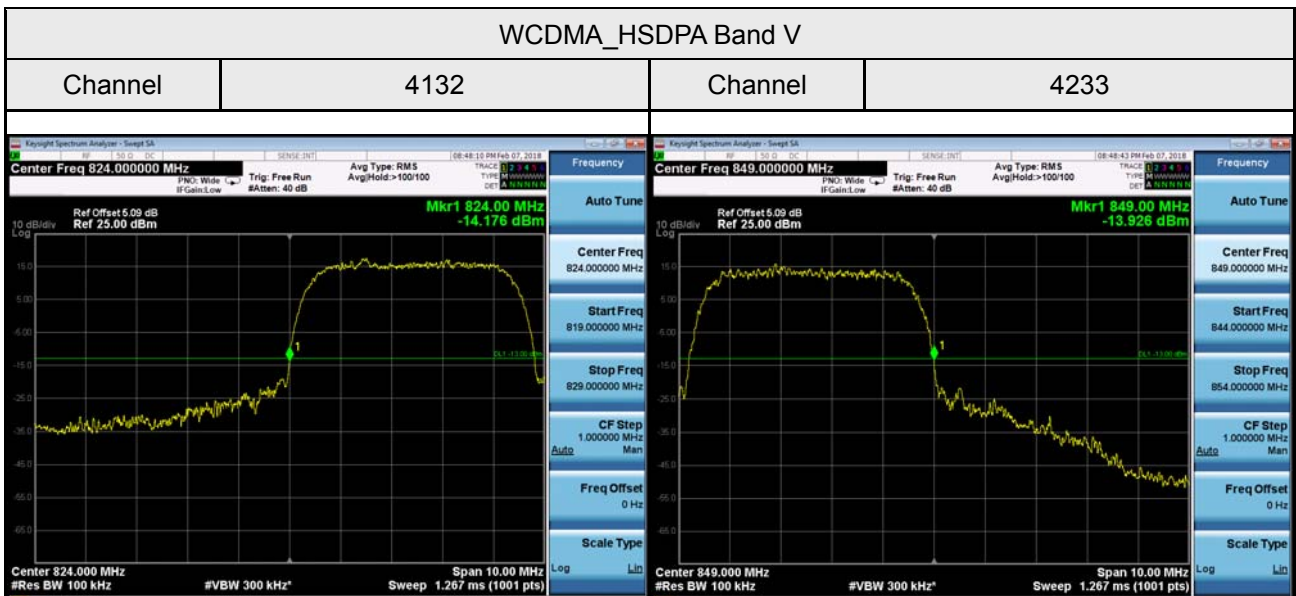
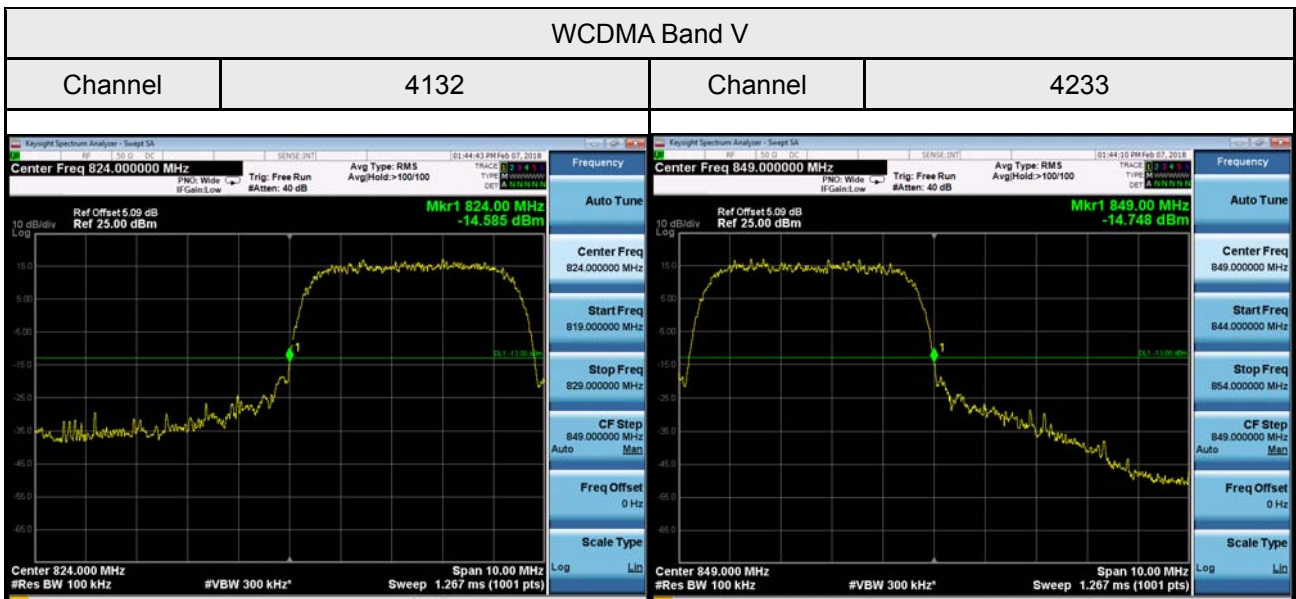
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	3362.000	-57.68	13.76	-43.92	-13.00	-30.92	peak	

Test Mode:	LTE Band 26_15M
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No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	3362.000	-58.61	10.10	-48.51	-13.00	-35.51	peak	

APPENDIX G - BAND EDGE



LTE Band 5_1.4M

1RB0

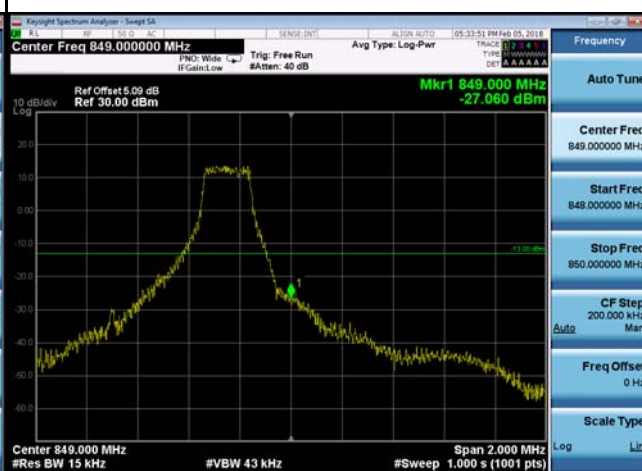
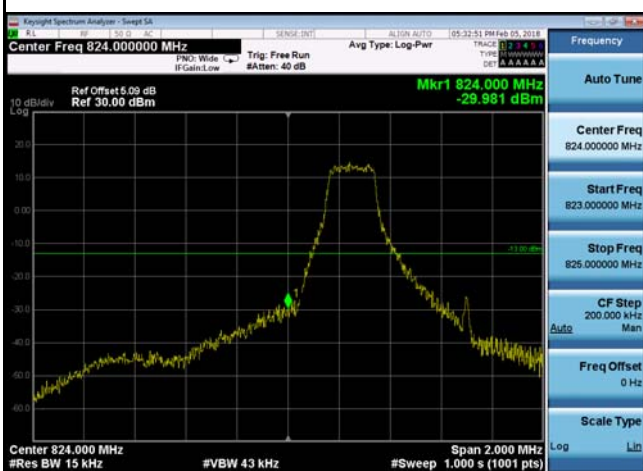
1RB5

Channel

20407

Channel

20643



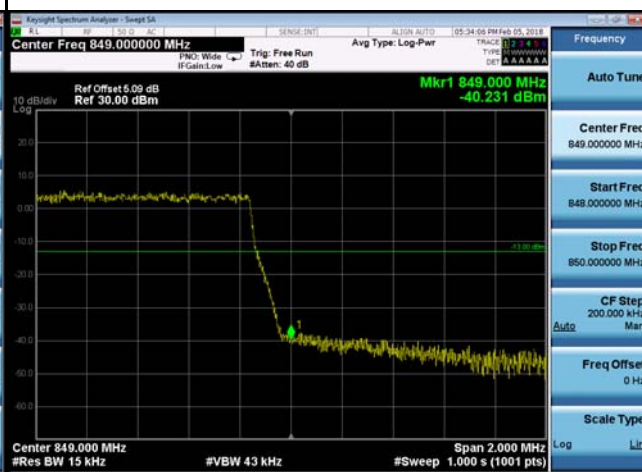
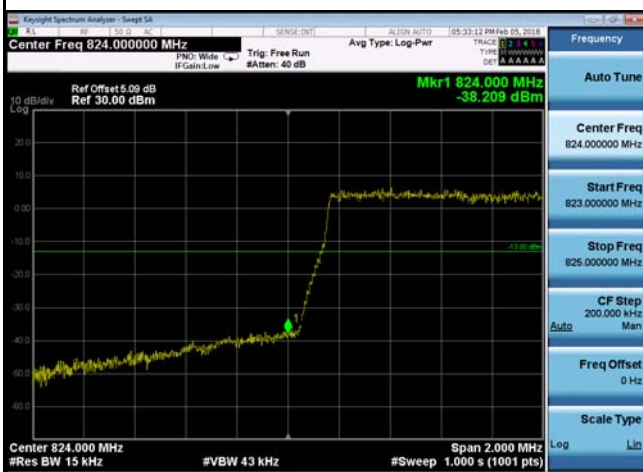
6RB0

Channel

20407

Channel

20643



LTE Band 5_3M

1RB0

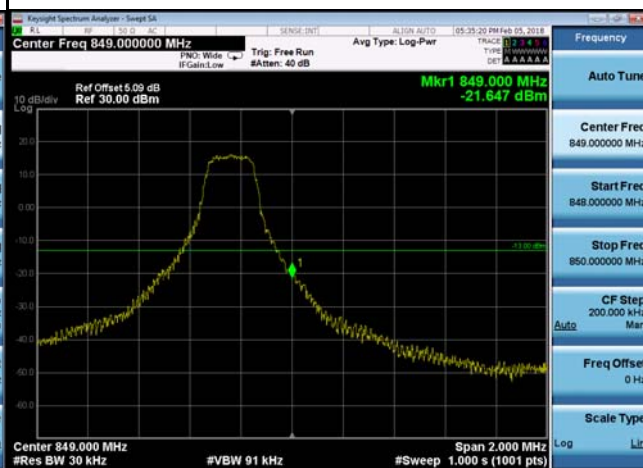
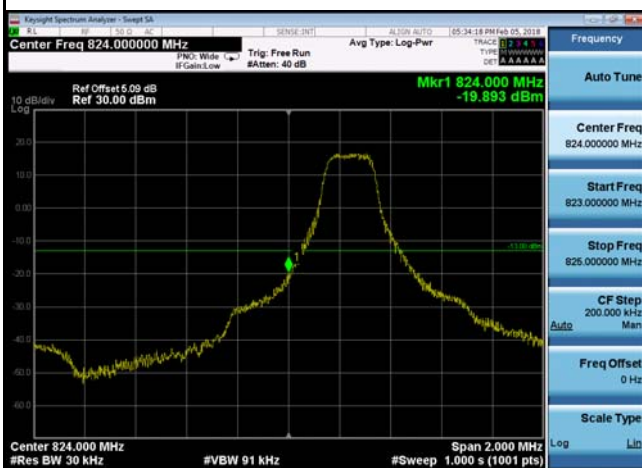
1RB14

Channel

20415

Channel

20635



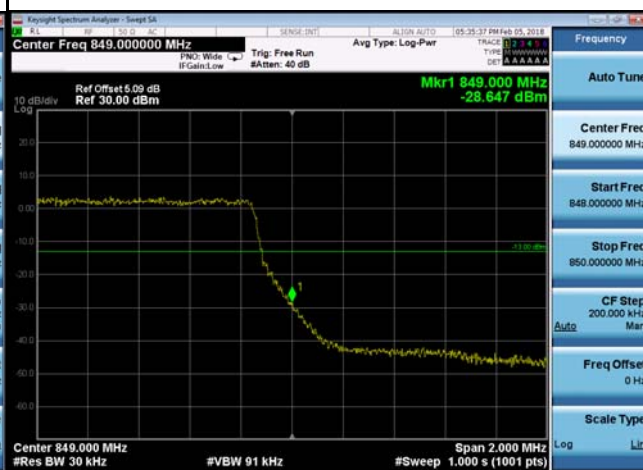
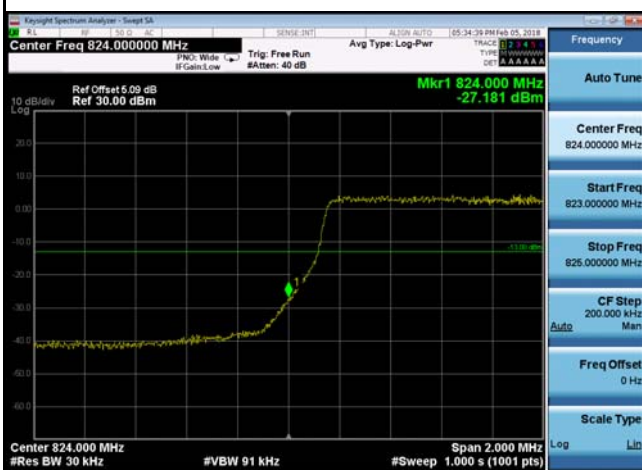
15RB0

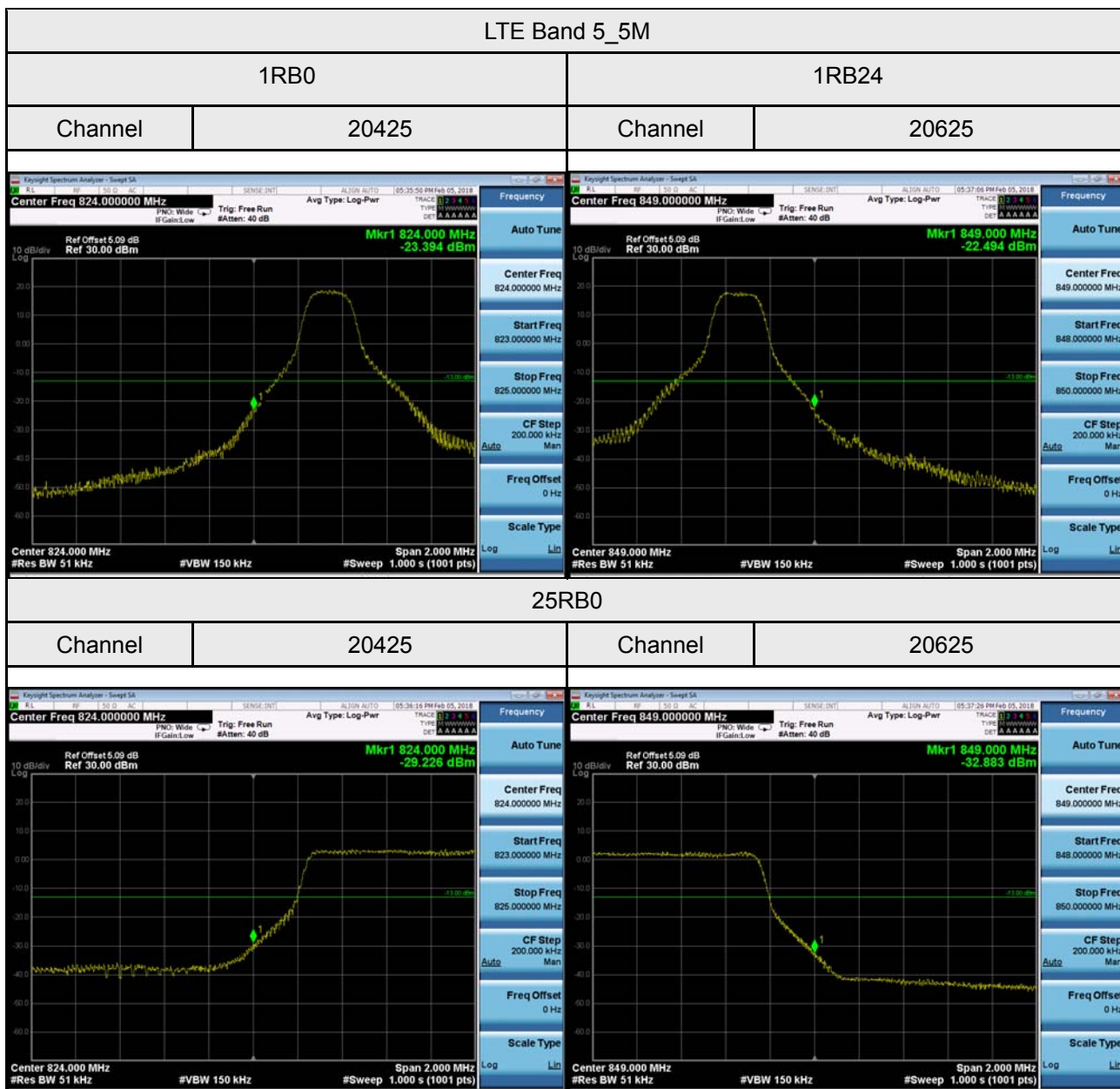
Channel

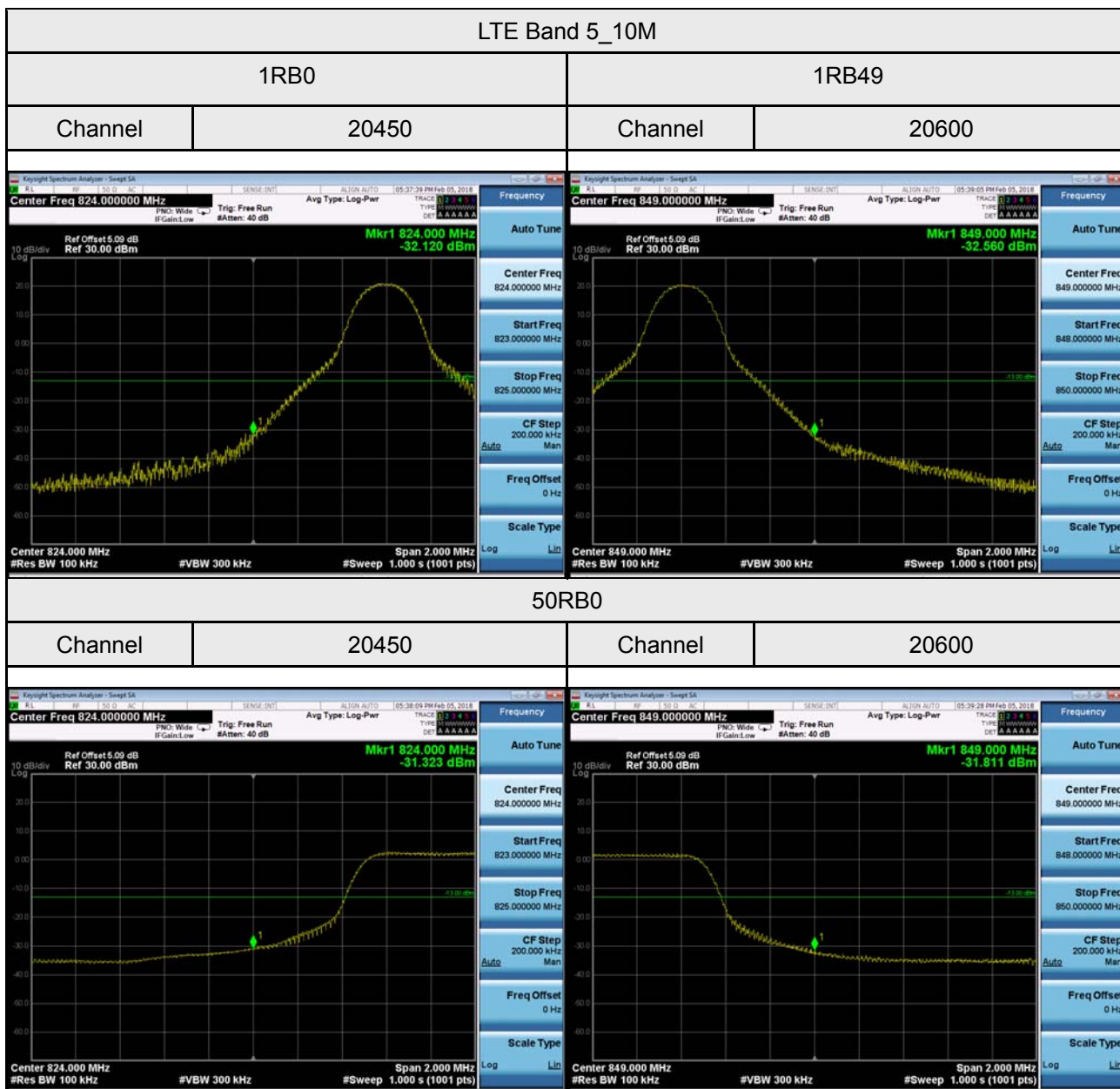
20415

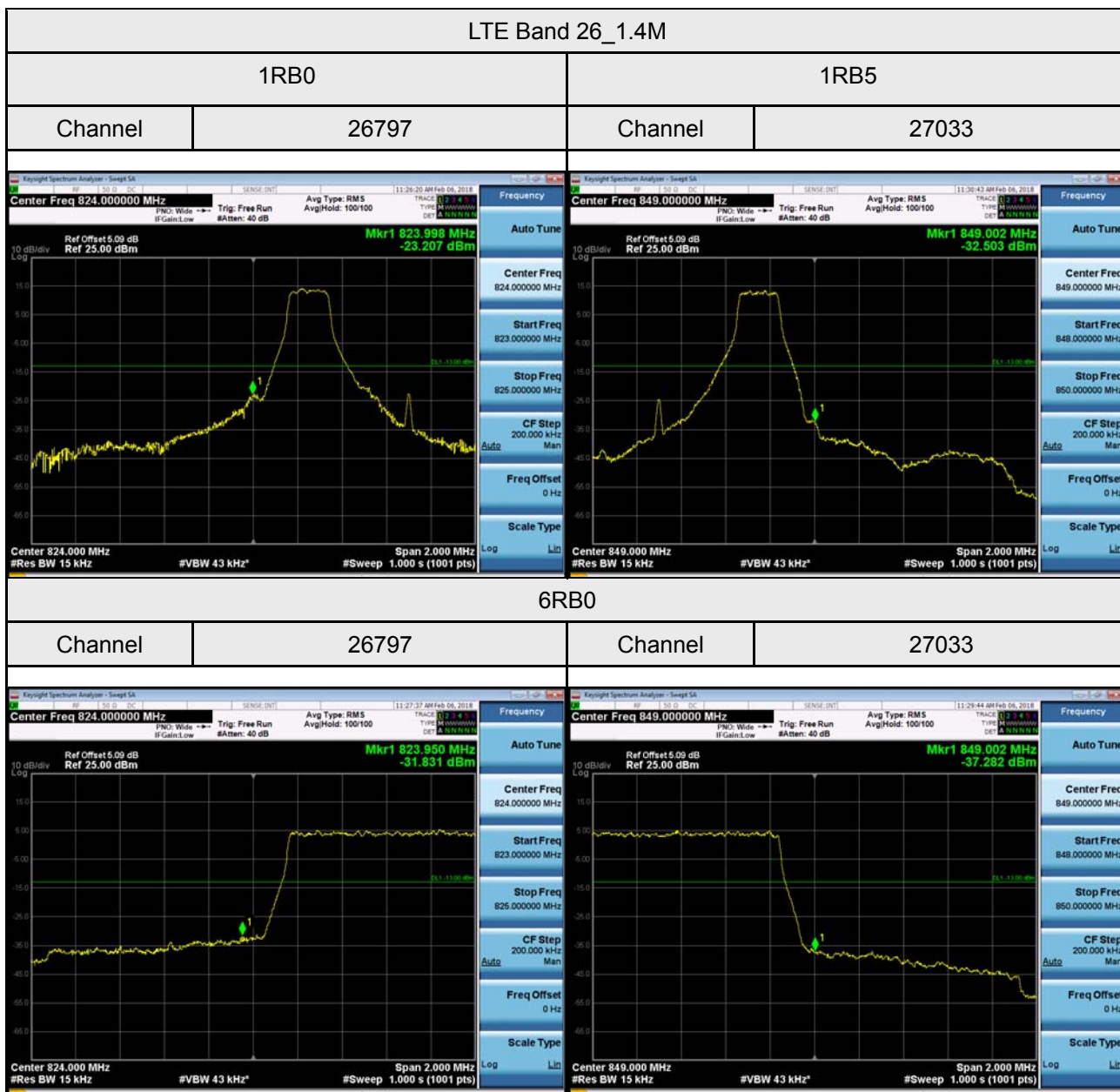
Channel

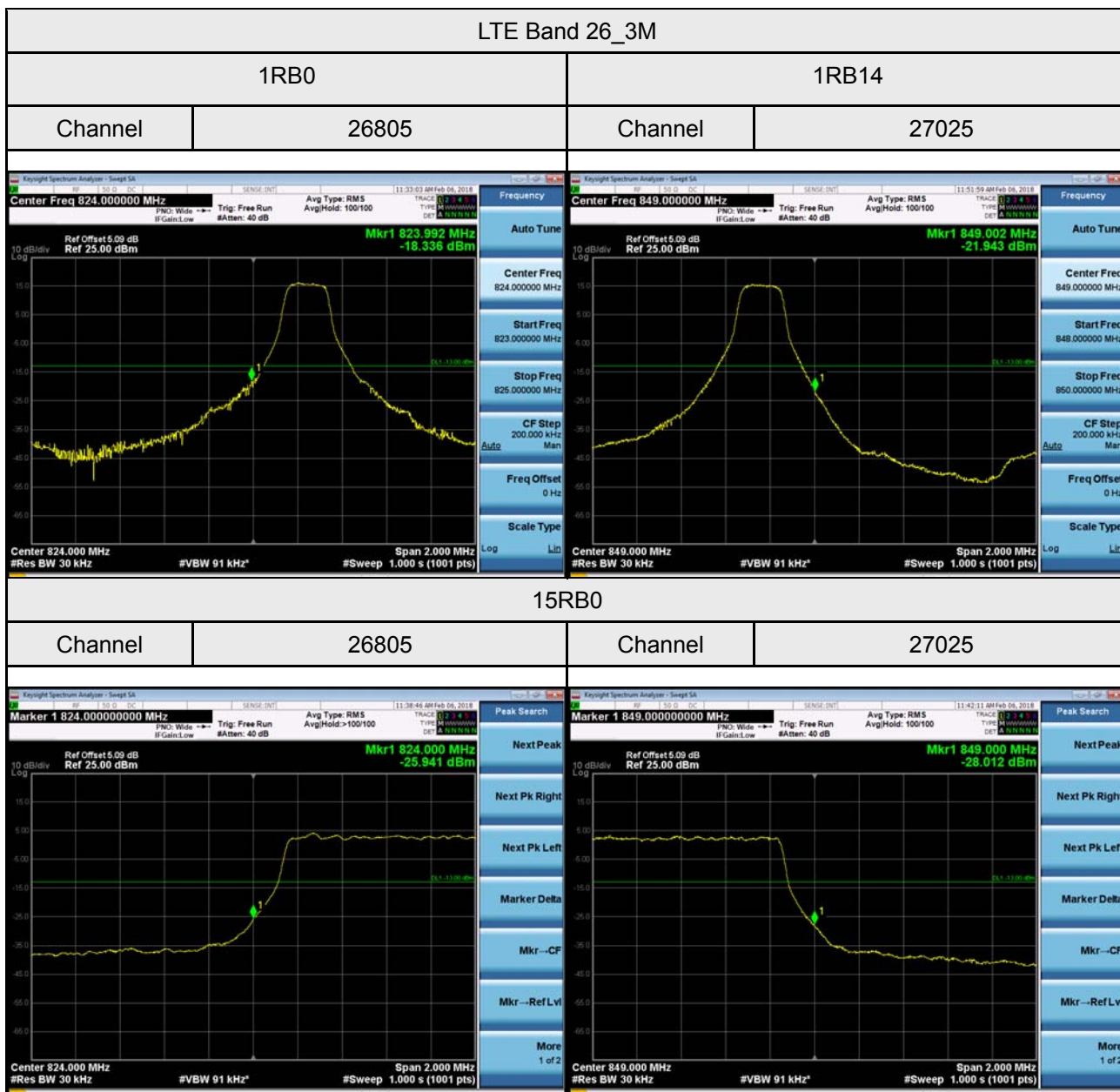
20635

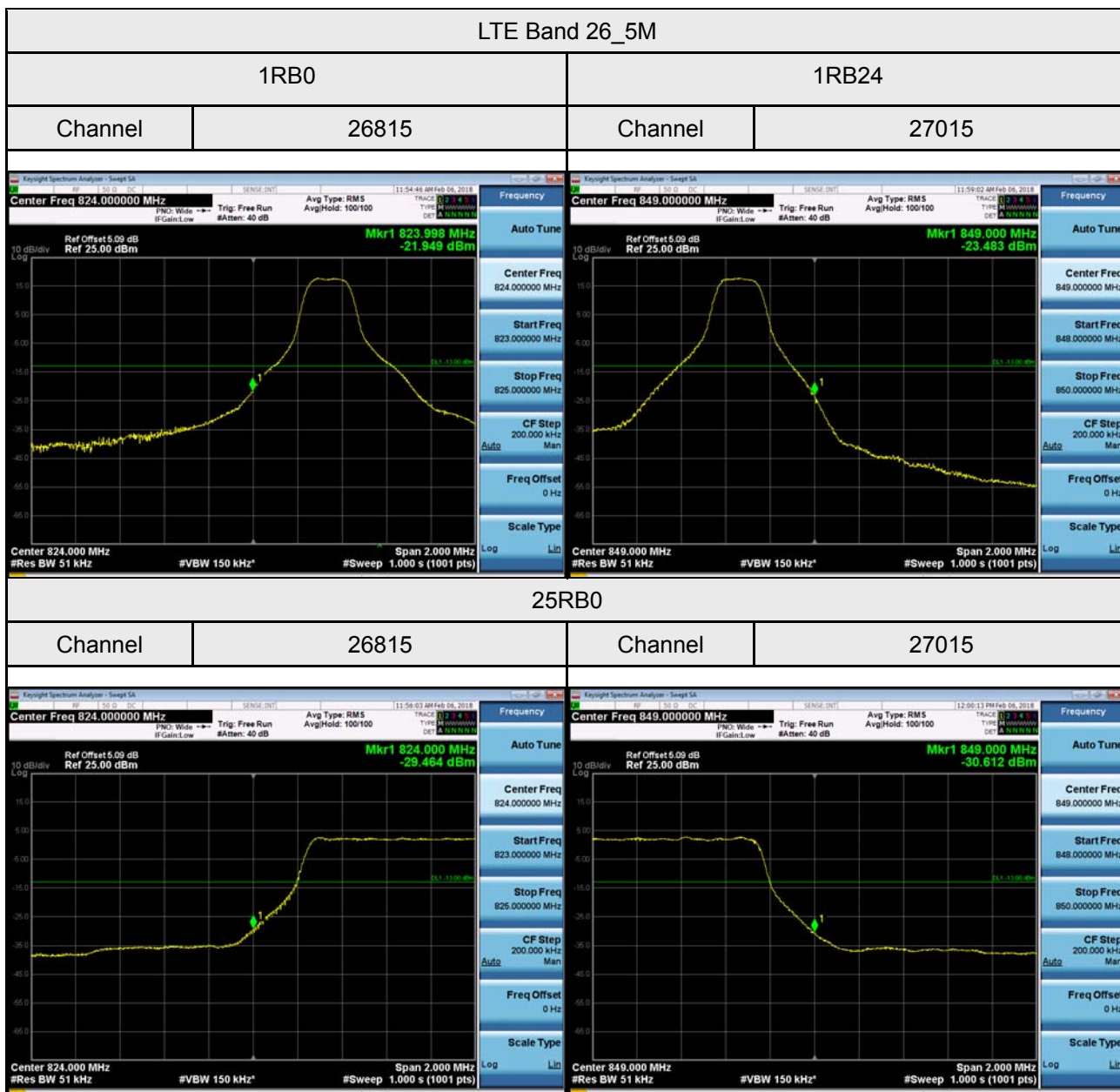












LTE Band 26_10M

1RB0

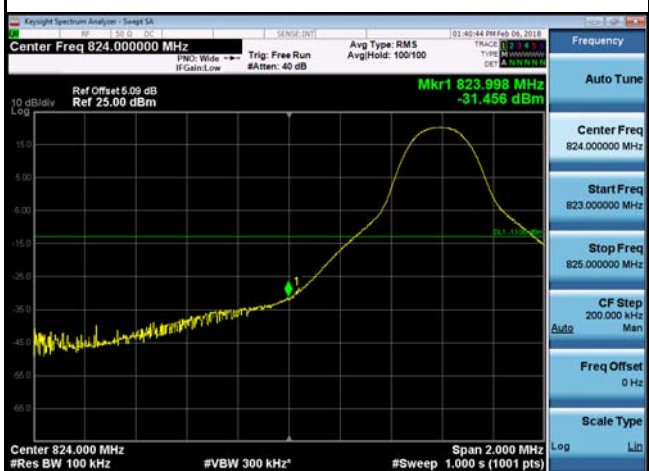
1RB49

Channel

26840

Channel

26990



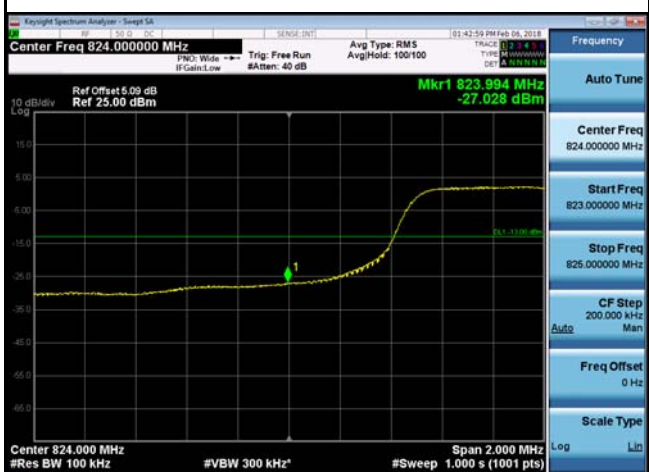
50RB0

Channel

26840

Channel

26990



LTE Band 26_15M

1RB0

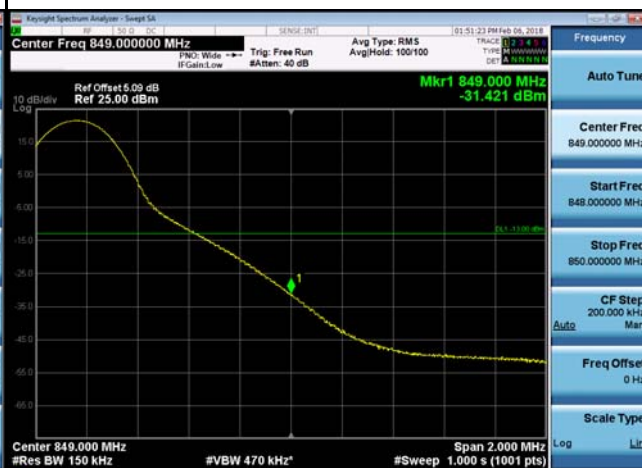
1RB74

Channel

26865

Channel

26965



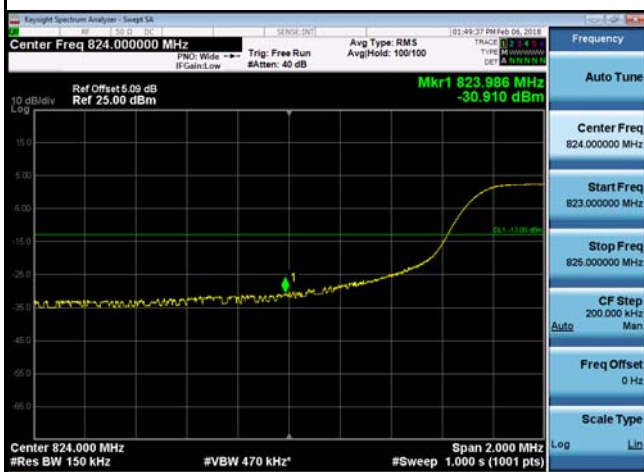
75RB0

Channel

26865

Channel

26965

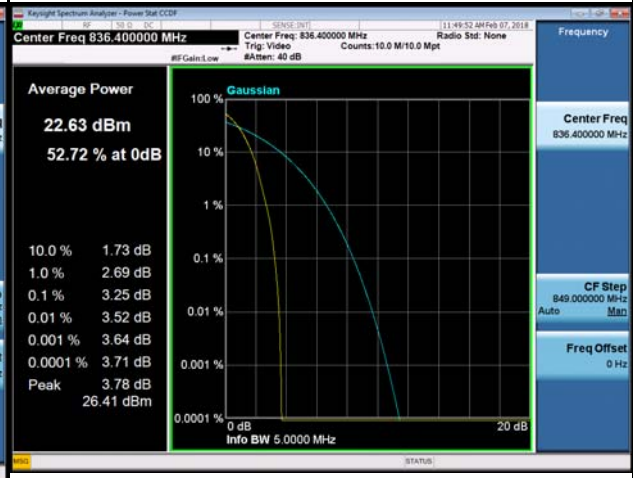
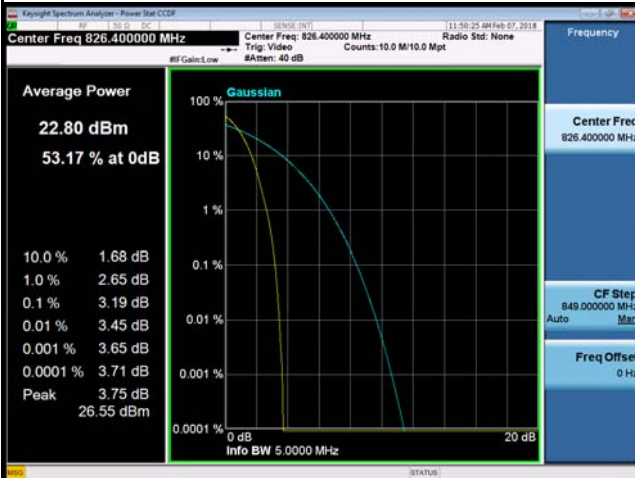


APPENDIX H - PEAK TO AVERAGE RATIO

WCDMA Band V Spectrum Plot

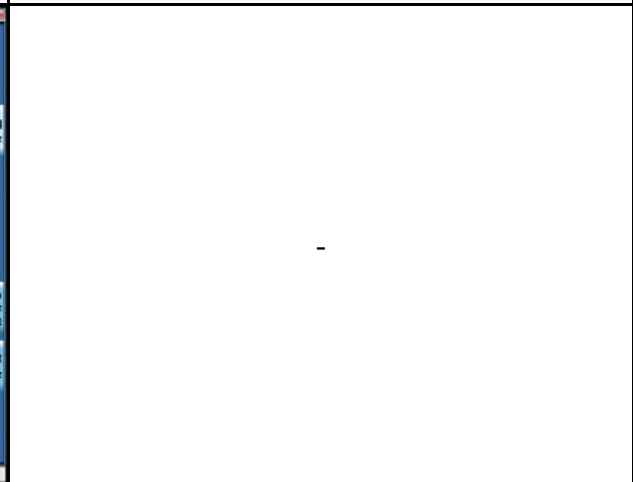
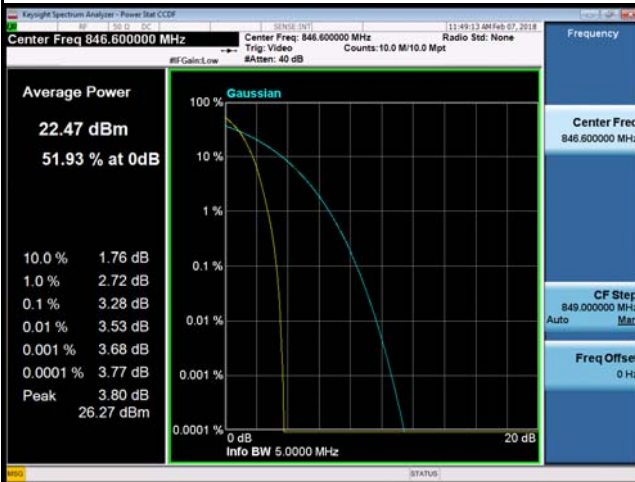
4132

4182



4233

-

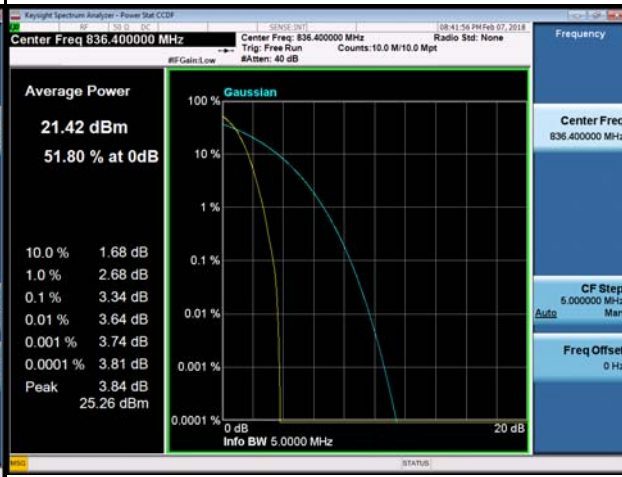


WCDMA_HSDPA Band V Spectrum Plot

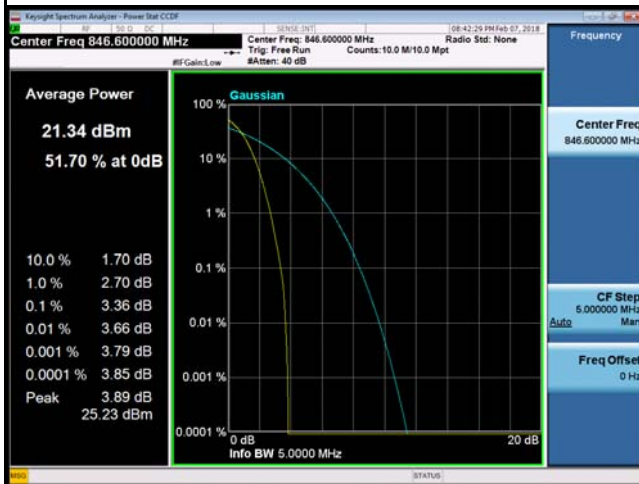
4132



4182



4233



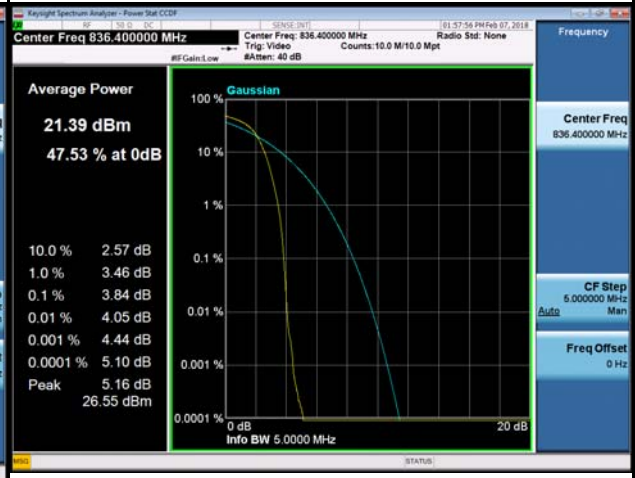
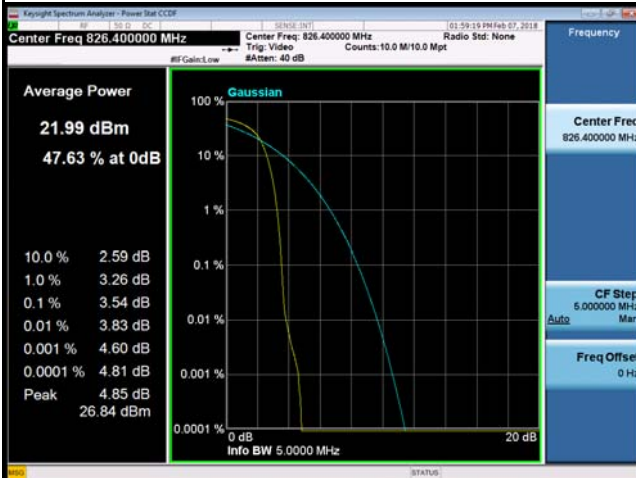
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-

WCDMA_HSUPA Band V Spectrum Plot

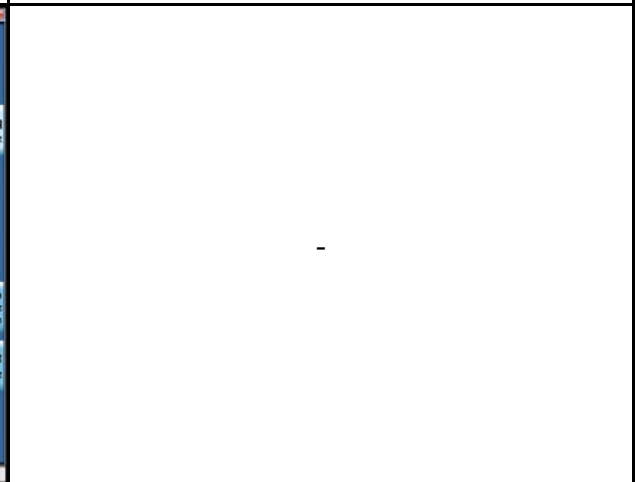
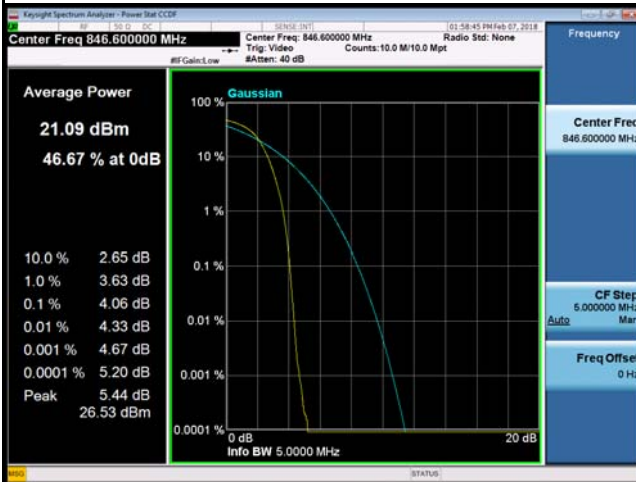
4132

4182



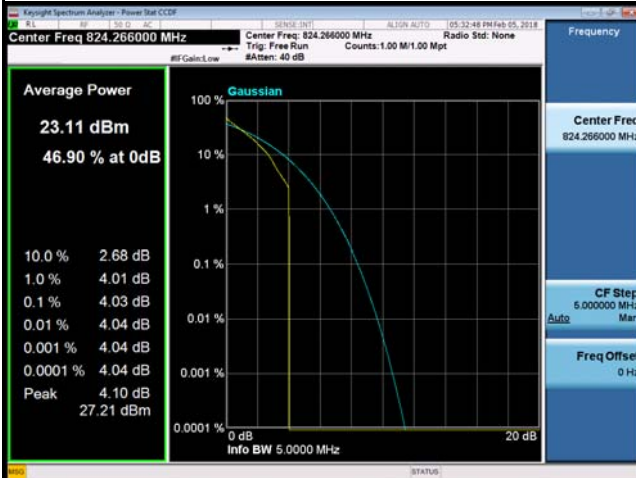
4233

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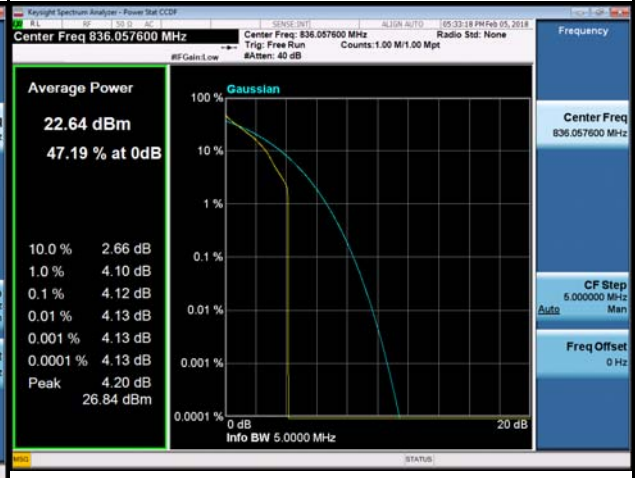


LTE Band 5 Spectrum Plot_1.4M

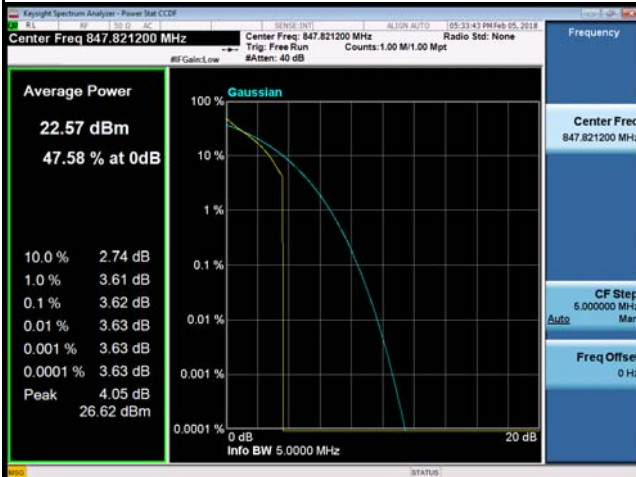
QPSK-20407



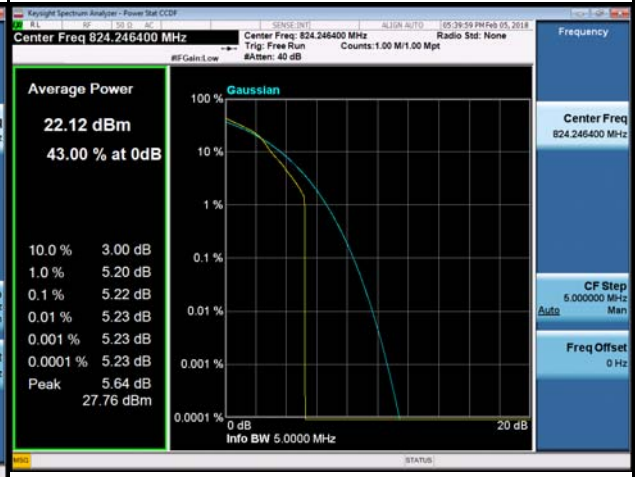
QPSK-20525



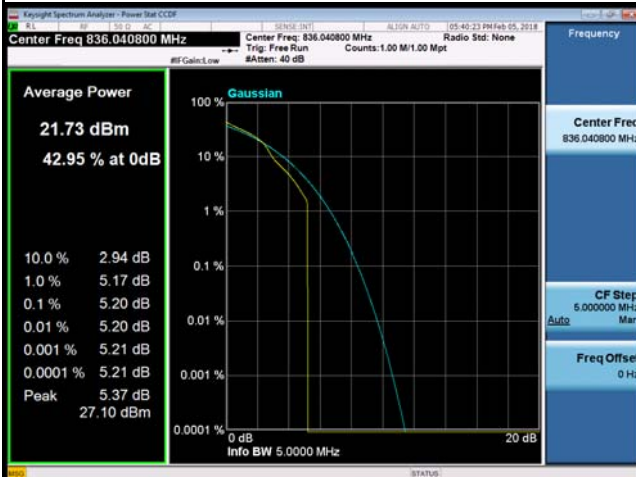
QPSK-20643



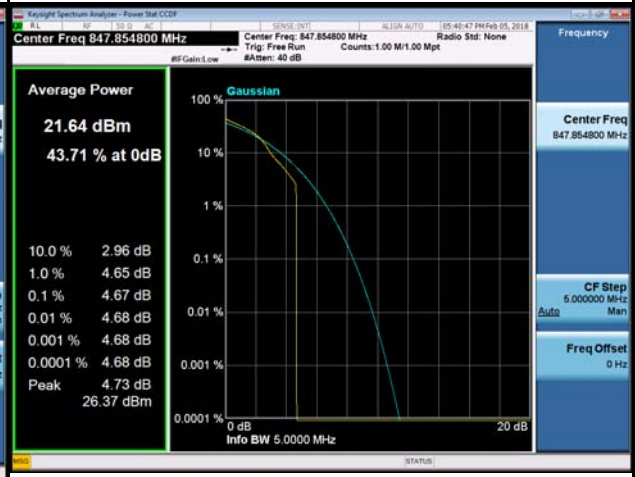
16QAM-20407



16QAM-20525

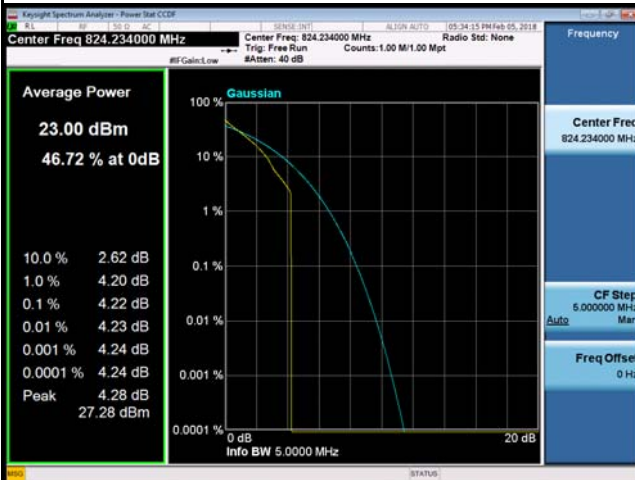


16QAM-20643

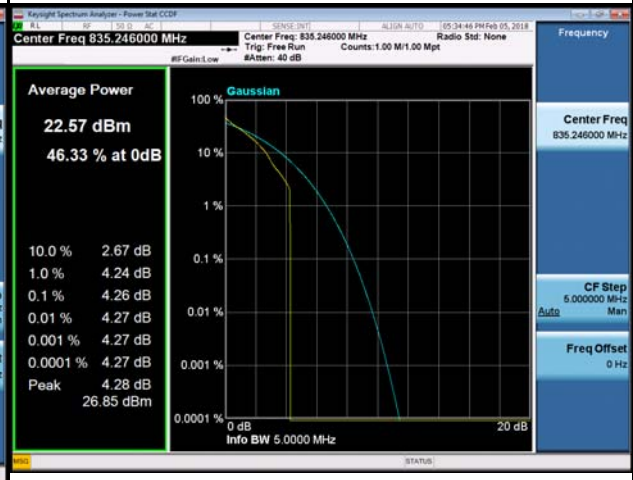


LTE Band 5 Spectrum Plot_3M

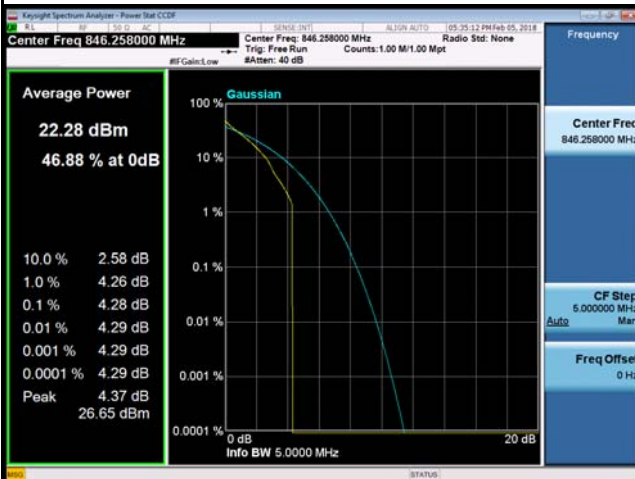
QPSK-20415



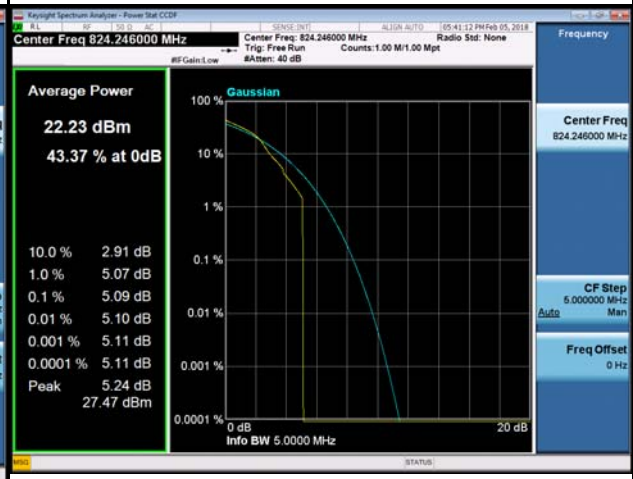
QPSK-20525



QPSK-20635



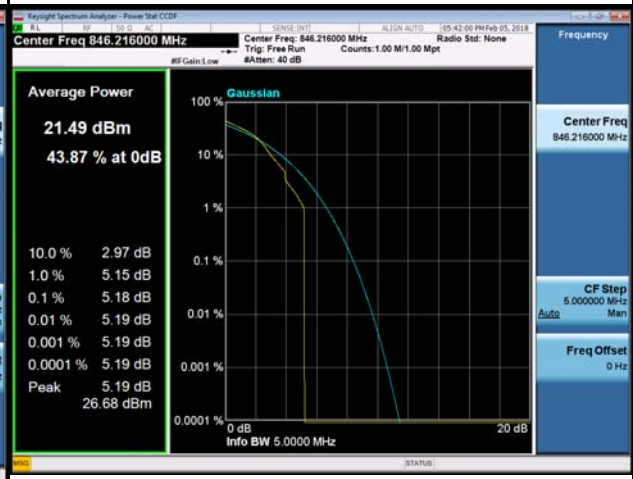
16QAM-20415



16QAM-20525

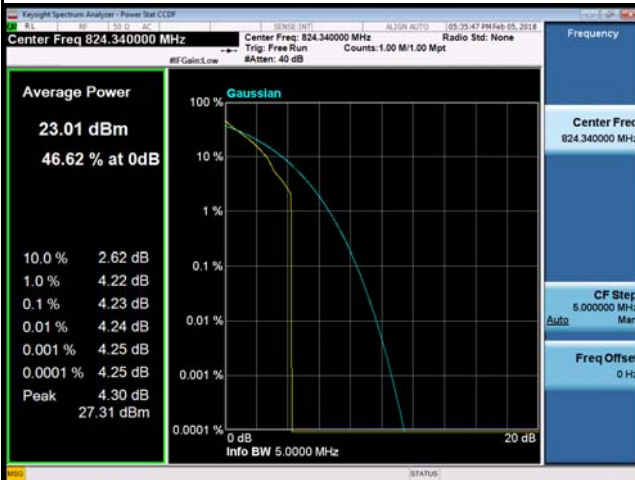


16QAM-20635

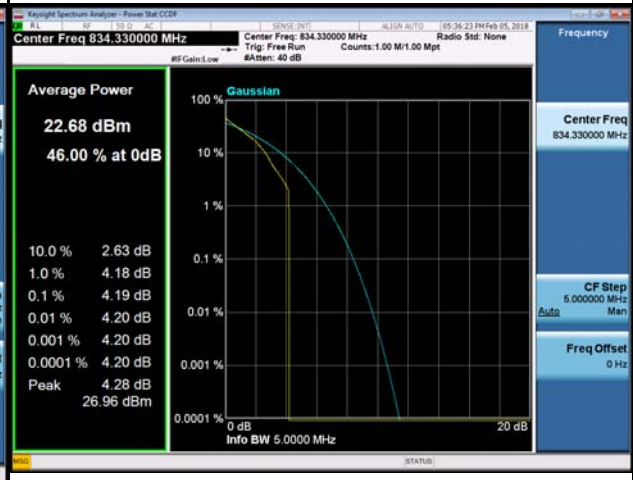


LTE Band 5 Spectrum Plot_5M

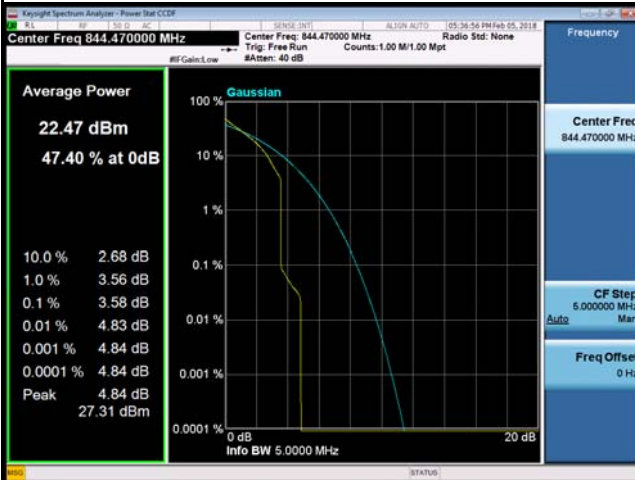
QPSK-20425



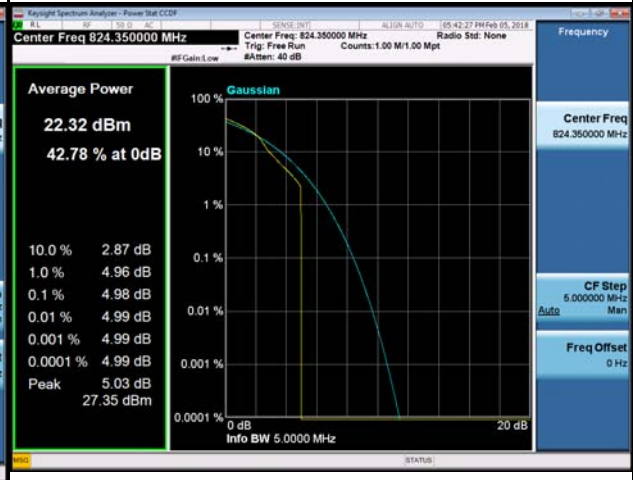
QPSK-20525



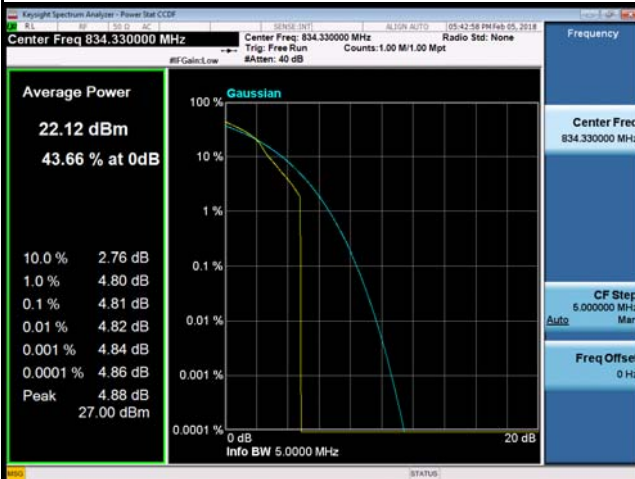
QPSK-20625



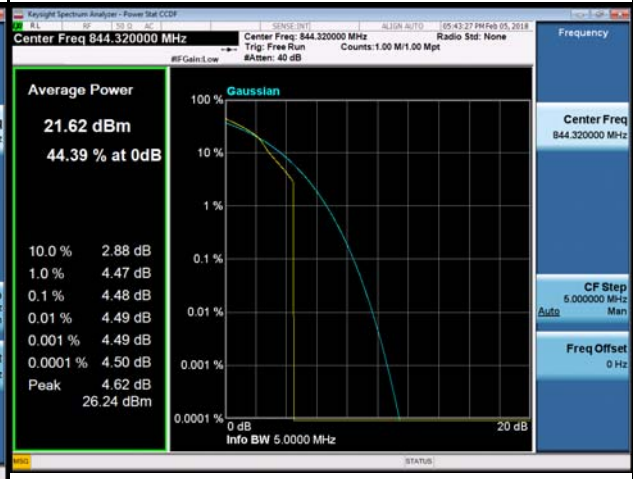
16QAM-20425



16QAM-20525

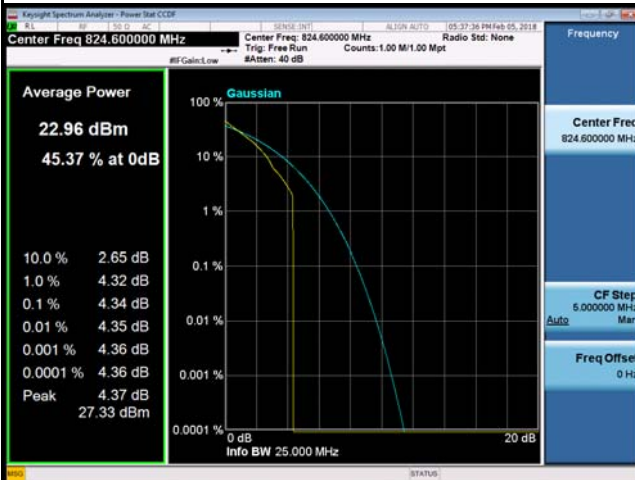


16QAM-20625



LTE Band 5 Spectrum Plot_10M

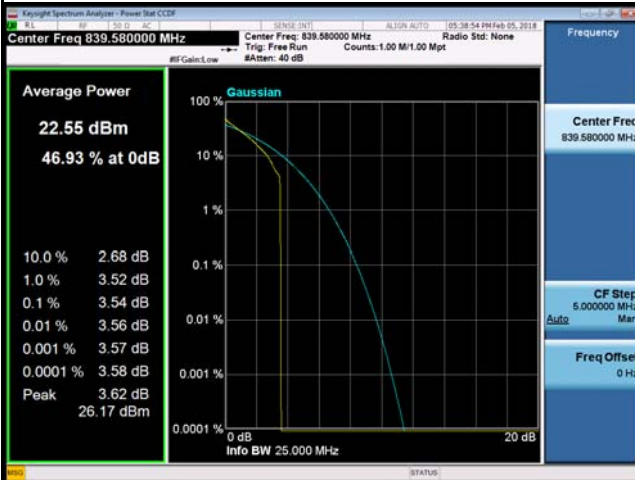
QPSK-20450



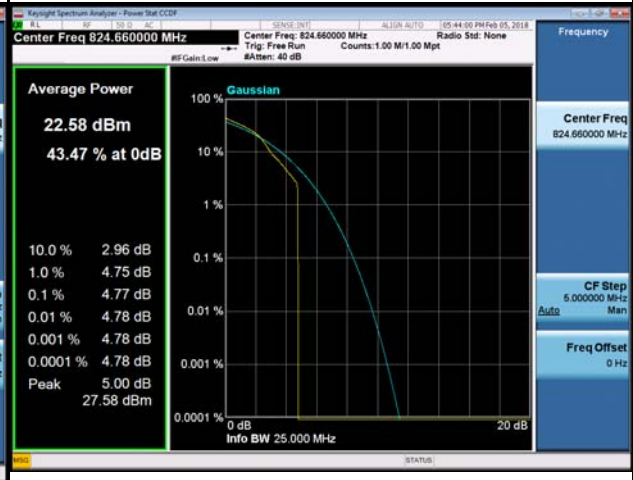
QPSK-20525



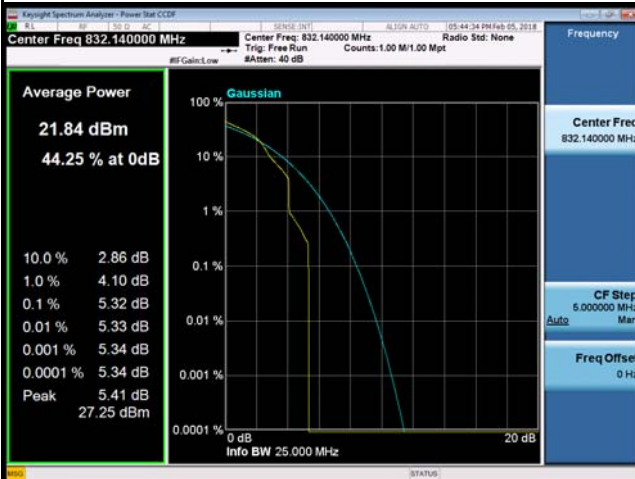
QPSK-20600



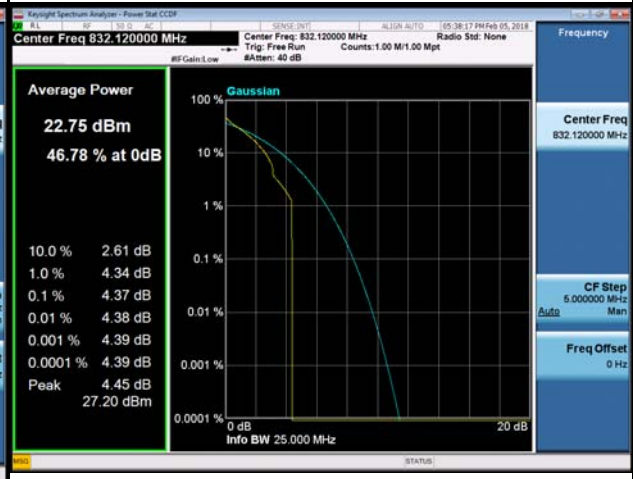
16QAM-20450



16QAM-20525

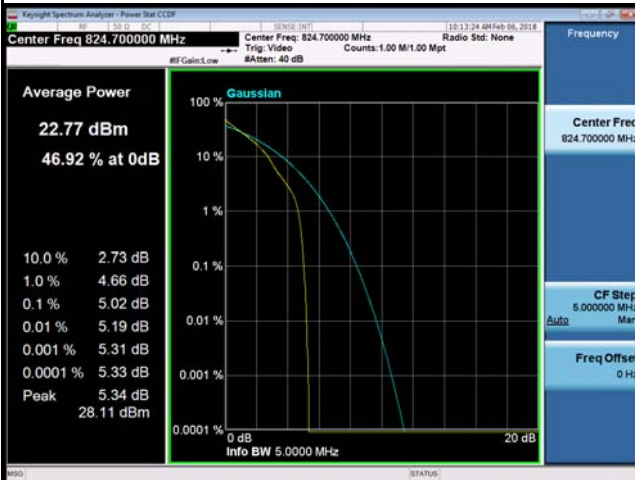


16QAM-20600

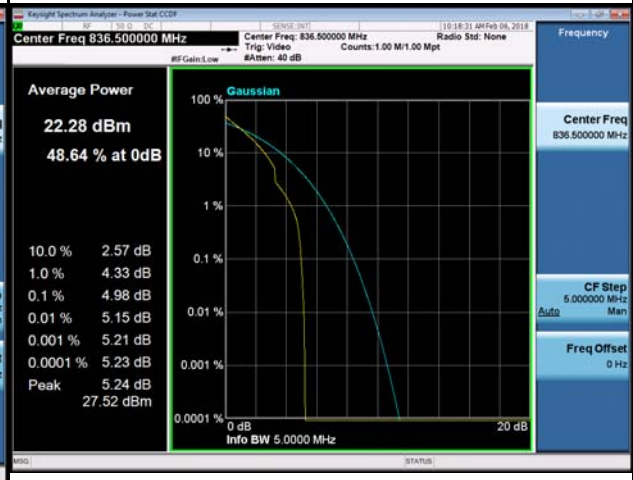


LTE Band 26 Spectrum Plot_1.4M

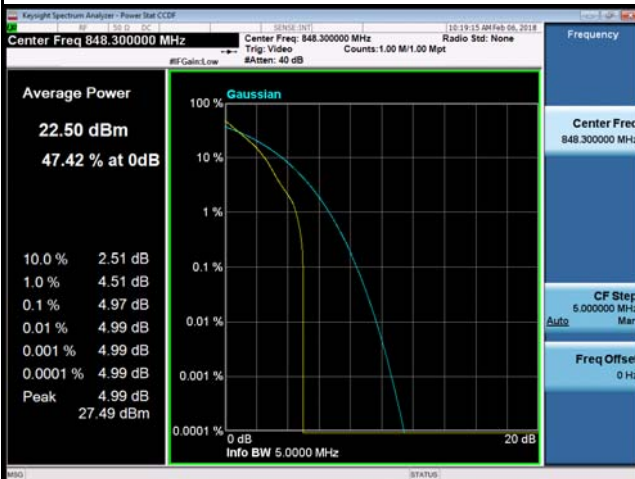
QPSK-26797



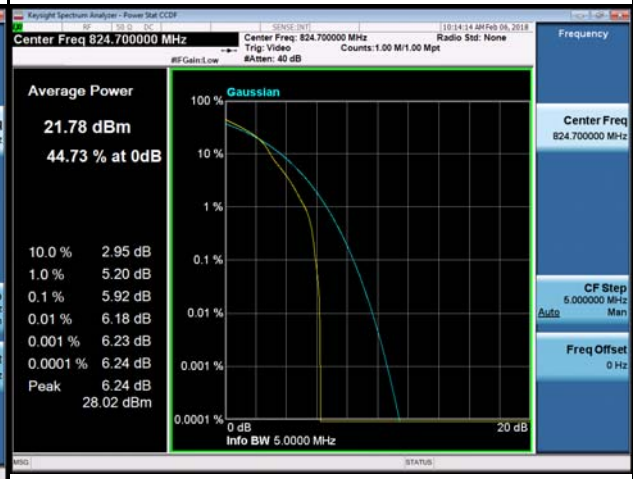
QPSK-26915



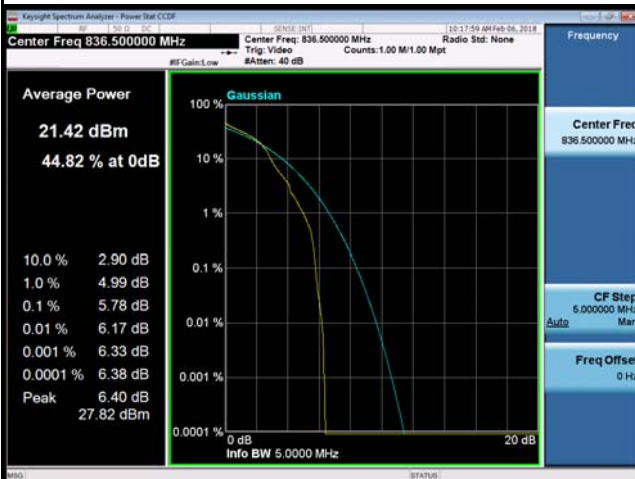
QPSK-27033



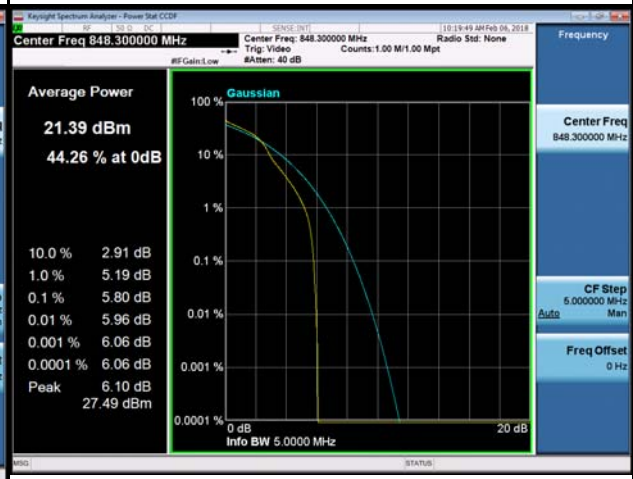
16QAM-26797



16QAM-26915

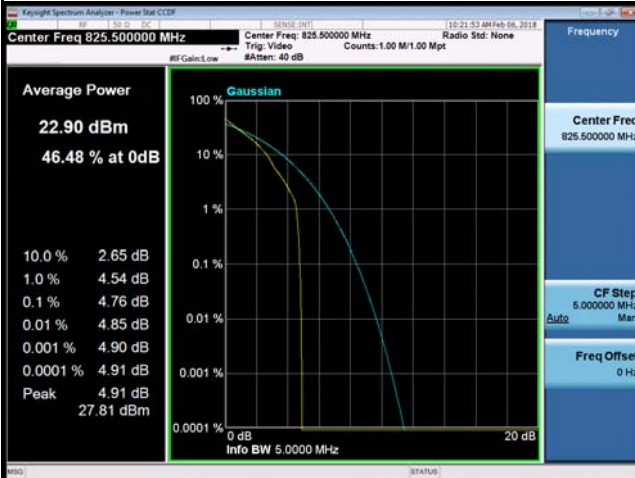


16QAM-27033

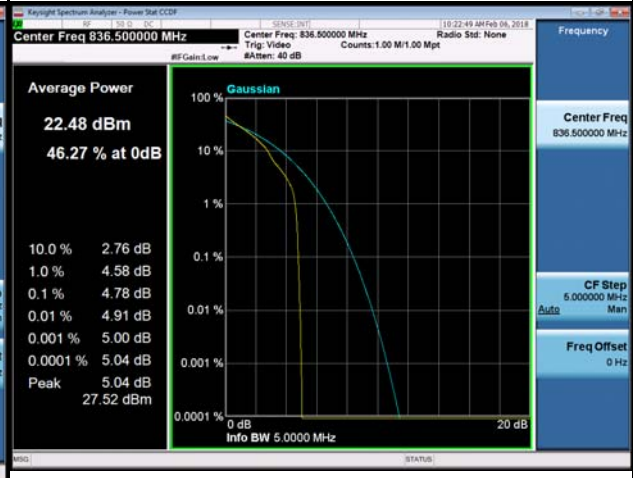


LTE Band 26 Spectrum Plot_3M

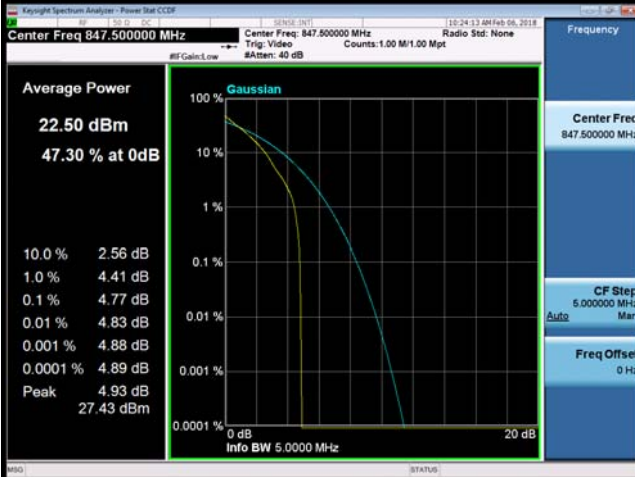
QPSK-26805



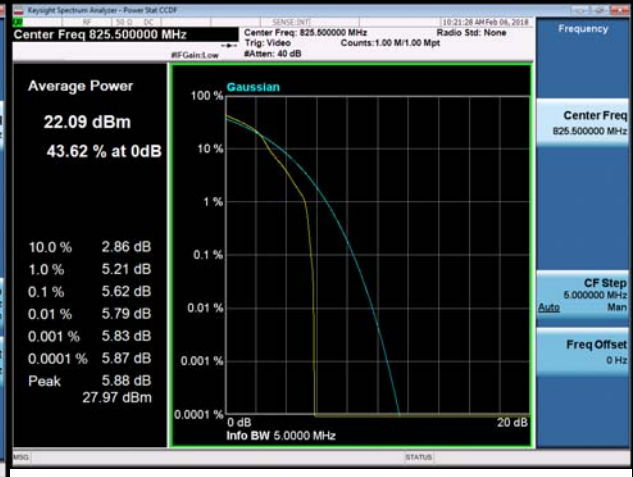
QPSK-26915



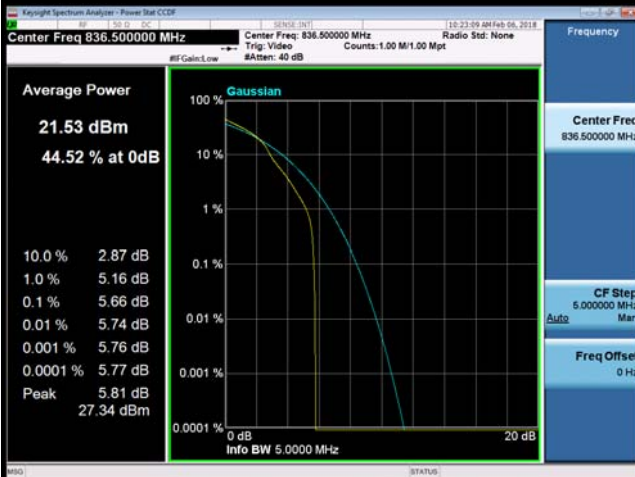
QPSK-27025



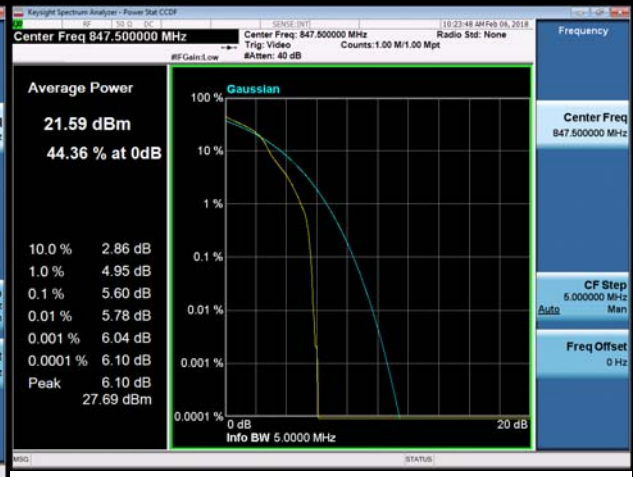
16QAM-26805



16QAM-26915

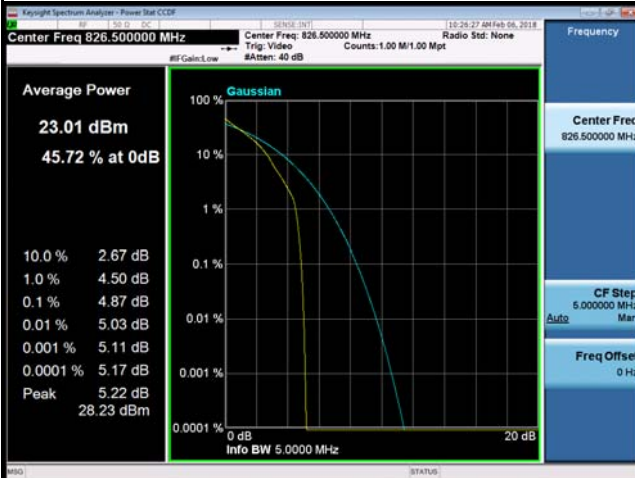


16QAM-27025

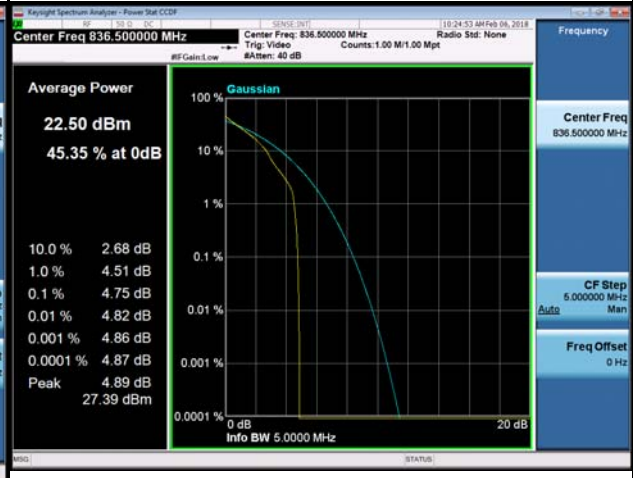


LTE Band 26 Spectrum Plot_5M

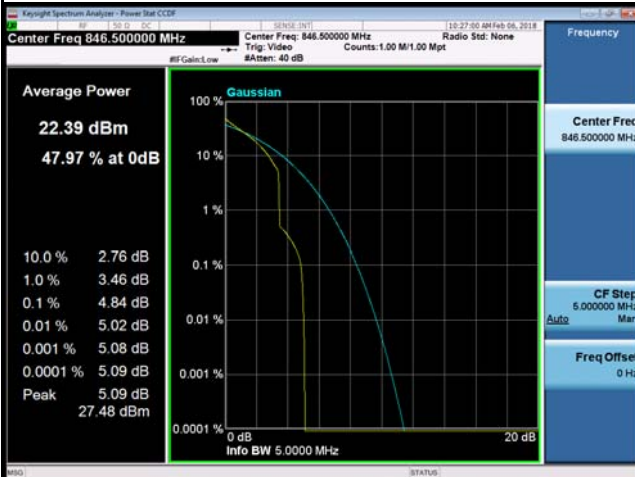
QPSK-26815



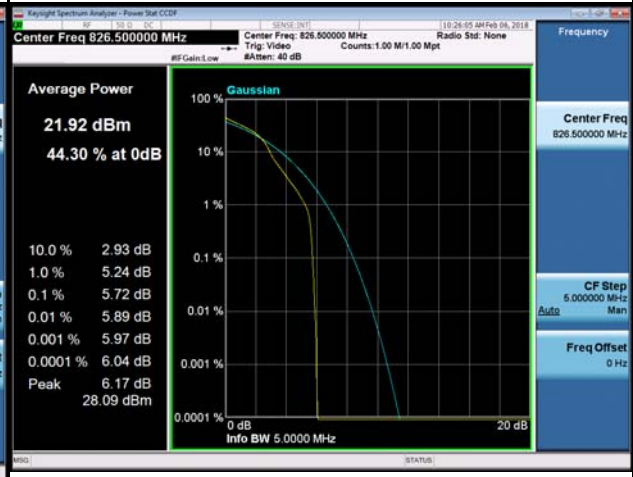
QPSK-26915



QPSK-27015



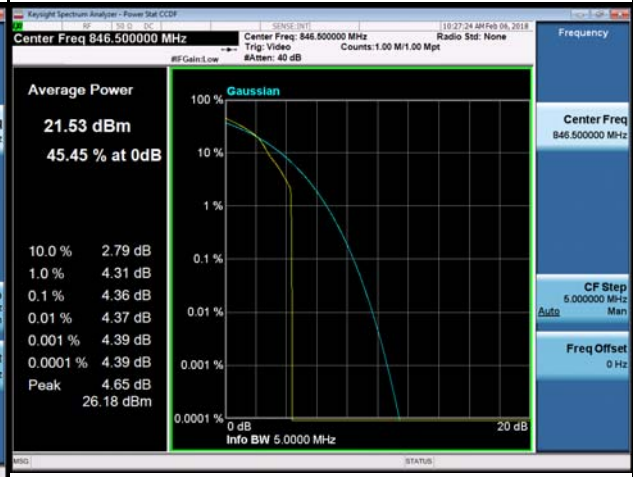
16QAM-26815



16QAM-26915

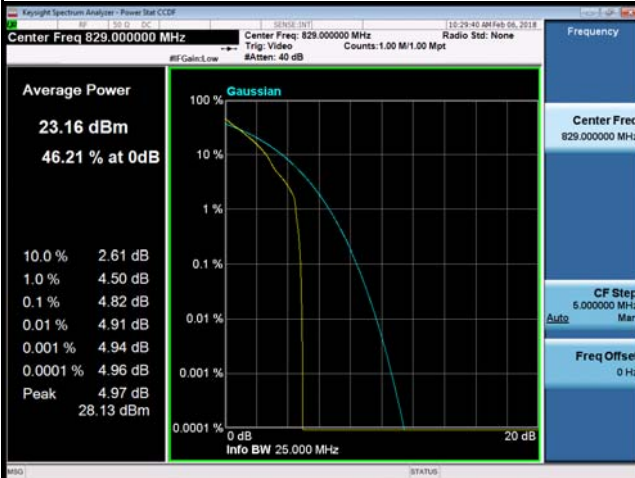


16QAM-27015

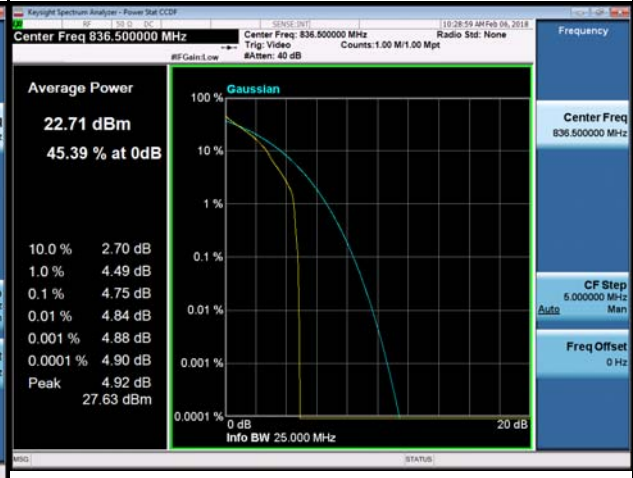


LTE Band 26 Spectrum Plot_10M

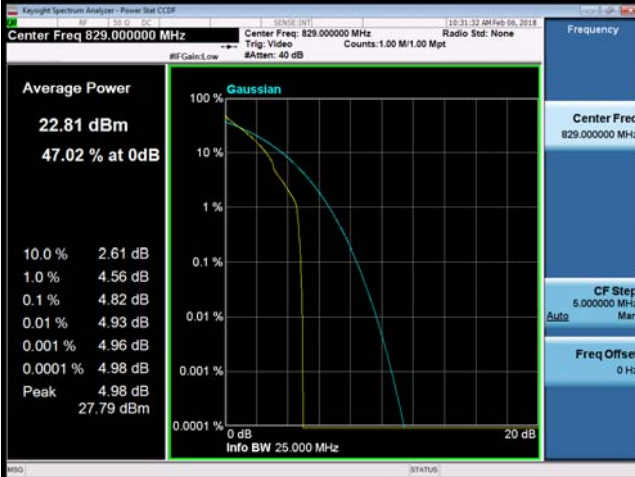
QPSK-26840



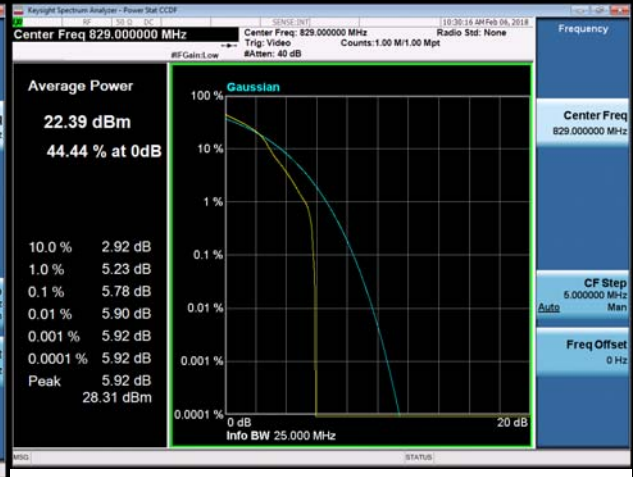
QPSK-26915



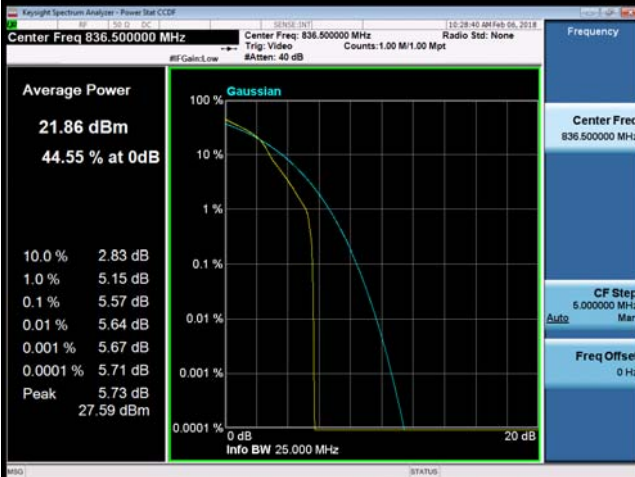
QPSK-26990



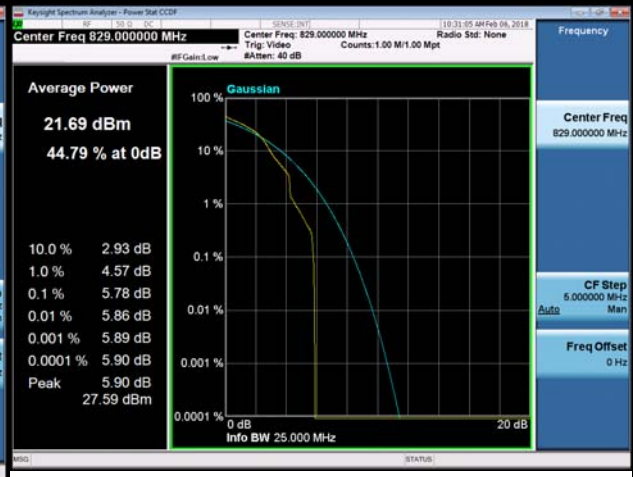
16QAM-26840



16QAM-26915

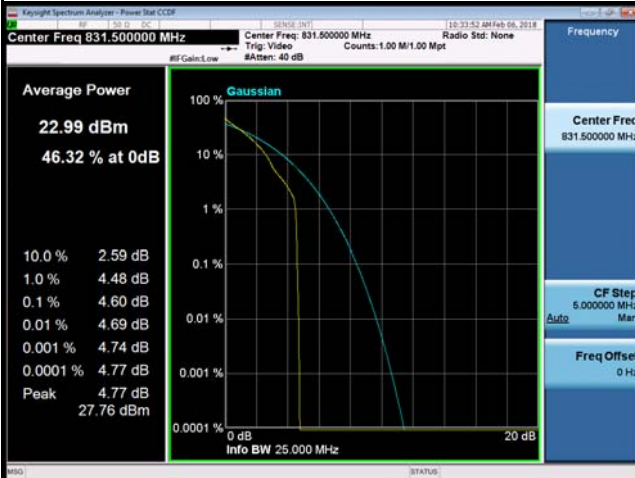


16QAM-26990

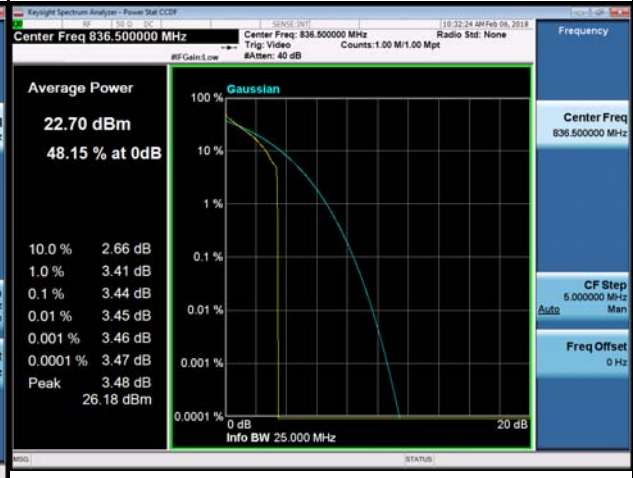


LTE Band 26 Spectrum Plot_15M

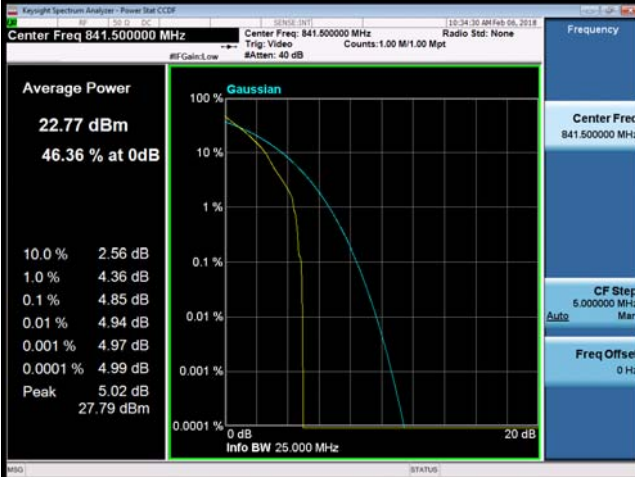
QPSK-26865



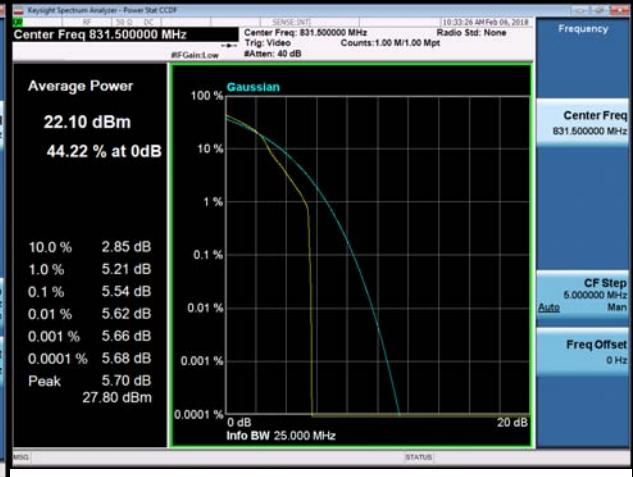
QPSK-26915



QPSK-26965



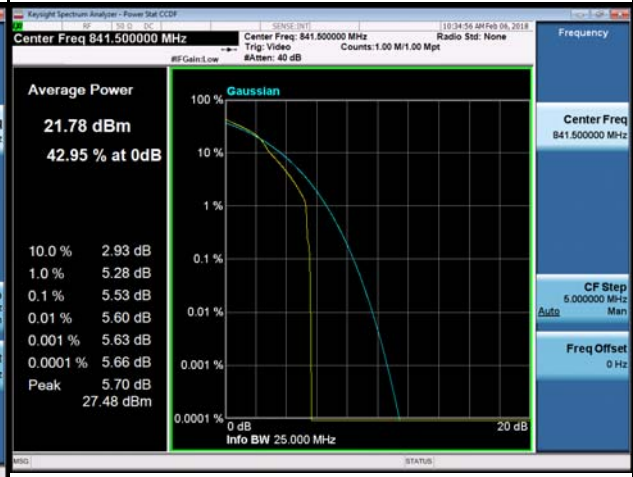
16QAM-26865



16QAM-26915



16QAM-26965



APPENDIX I - FREQUENCY STABILITY

Test Mode:	WCDMA Band V_CH4182
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	4.42	0.005284553	2.5
-20	3.41	0.004076997	2.5
-10	7.16	0.008560497	2.5
0	3.79	0.004531325	2.5
10	8.41	0.010054998	2.5
20	7.83	0.009361549	2.5
30	2.54	0.003036824	2.5
40	6.46	0.007723577	2.5
50	1.50	0.001793400	2.5
Max. Deviation (ppm)	8.41	0.010054998	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
8.80	3.46	0.004136777	2.5
7.68	1.39	0.001661884	2.5
6.50	4.05	0.004842181	2.5
Max. Deviation (ppm)	4.05	0.004842181	2.5

Test Mode:	LTE Band 5_CH20525_1.4M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	3.34	0.003992827	2.5
-20	6.15	0.007352062	2.5
-10	-3.68	0.004399283	2.5
0	-3.48	0.004160191	2.5
10	4.68	0.005594740	2.5
20	-3.71	0.004435146	2.5
30	-2.88	0.003442917	2.5
40	3.09	0.003693963	2.5
50	-4.09	0.004889420	2.5
Max. Deviation (ppm)	6.15	0.007352062	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
8.80	3.24	0.003873282	2.5
7.68	3.37	0.004028691	2.5
6.50	-2.71	0.003239689	2.5
Max. Deviation (ppm)	3.37	0.004028691	2.5

Test Mode:	LTE Band 5_CH20525_3M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	-4.18	0.004997011	2.5
-20	3.20	0.003825463	2.5
-10	4.20	0.005020921	2.5
0	4.91	0.005869695	2.5
10	-3.18	0.003801554	2.5
20	3.74	0.004471010	2.5
30	-4.31	0.005152421	2.5
40	1.02	0.001219366	2.5
50	3.20	0.003825463	2.5
Max. Deviation (ppm)	4.91	0.005869695	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
8.80	-2.49	0.002976689	2.5
7.68	-3.28	0.003921100	2.5
6.50	-3.17	0.003789600	2.5
Max. Deviation (ppm)	3.28	0.003921100	2.5

Test Mode:	LTE Band 5_CH20525_5M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	6.07	0.007256426	2.5
-20	3.02	0.003610281	2.5
-10	-2.18	0.002606097	2.5
0	-4.02	0.004805738	2.5
10	-3.07	0.003670054	2.5
20	3.43	0.004100418	2.5
30	4.72	0.005642558	2.5
40	3.28	0.003921100	2.5
50	-3.17	0.003789600	2.5
Max. Deviation (ppm)	6.07	0.007256426	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
8.80	-3.14	0.003753736	2.5
7.68	4.29	0.005128512	2.5
6.50	-2.07	0.002474597	2.5
Max. Deviation (ppm)	4.29	0.005128512	2.5

Test Mode:	LTE Band 5_CH20525_10M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	-4.26	0.005092648	2.5
-20	6.47	0.007734608	2.5
-10	1.37	0.001637776	2.5
0	4.67	0.005582785	2.5
10	-3.27	0.003909145	2.5
20	-5.71	0.006826061	2.5
30	6.14	0.007340108	2.5
40	2.03	0.002426778	2.5
50	1.30	0.001554094	2.5
Max. Deviation (ppm)	6.47	0.007734608	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
8.80	-3.48	0.004160191	2.5
7.68	-2.47	0.002952779	2.5
6.50	3.72	0.004447101	2.5
Max. Deviation (ppm)	3.72	0.004447101	2.5

Test Mode:	LTE Band 26_CH26915_1.4M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	-6.03	0.007208607	2.5
-20	-5.14	0.006144650	2.5
-10	2.95	0.003526599	2.5
0	-2.35	0.002809325	2.5
10	-3.46	0.004136282	2.5
20	5.50	0.006575015	2.5
30	6.36	0.007603108	2.5
40	2.71	0.003239689	2.5
50	6.48	0.007746563	2.5
Max. Deviation (ppm)	6.48	0.007746563	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
8.80	2.33	0.002785415	2.5
7.68	-3.57	0.004267782	2.5
6.50	-2.54	0.003036461	2.5
Max. Deviation (ppm)	3.57	0.004267782	2.5

Test Mode:	LTE Band 26_CH26915_3M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	2.31	0.002761506	2.5
-20	-1.27	0.001518231	2.5
-10	5.29	0.006323969	2.5
0	6.88	0.008224746	2.5
10	-1.78	0.002127914	2.5
20	-5.16	0.006168559	2.5
30	-5.34	0.006383742	2.5
40	4.64	0.005546922	2.5
50	3.61	0.004315601	2.5
Max. Deviation (ppm)	6.88	0.008224746	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
8.80	3.95	0.004722056	2.5
7.68	-3.69	0.004411237	2.5
6.50	0.72	0.000860729	2.5
Max. Deviation (ppm)	3.95	0.004722056	2.5

Test Mode:	LTE Band 26_CH26915_5M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	7.34	0.008774656	2.5
-20	-5.23	0.006252241	2.5
-10	-3.88	0.004638374	2.5
0	6.99	0.008356246	2.5
10	4.33	0.005176330	2.5
20	-5.12	0.006120741	2.5
30	-7.19	0.008595338	2.5
40	-4.92	0.005881650	2.5
50	4.17	0.004985057	2.5
Max. Deviation (ppm)	7.34	0.008774656	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
8.80	-2.68	0.003203825	2.5
7.68	3.27	0.003909145	2.5
6.50	-1.24	0.001482367	2.5
Max. Deviation (ppm)	3.27	0.003909145	2.5

Test Mode:	LTE Band 26_CH26915_10M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	3.28	0.003921100	2.5
-20	-5.35	0.006395696	2.5
-10	6.49	0.007758518	2.5
0	2.17	0.002594142	2.5
10	-1.29	0.001542140	2.5
20	-3.55	0.004243873	2.5
30	5.66	0.006766288	2.5
40	1.72	0.002056186	2.5
50	2.91	0.003478781	2.5
Max. Deviation (ppm)	6.49	0.007758518	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
8.80	2.08	0.002486551	2.5
7.68	-4.34	0.005188285	2.5
6.50	-3.68	0.004399283	2.5
Max. Deviation (ppm)	4.34	0.005188285	2.5

Test Mode:	LTE Band 26_CH26915_15M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	3.68	0.004399283	2.5
-20	4.21	0.005032875	2.5
-10	-2.17	0.002594142	2.5
0	3.86	0.004614465	2.5
10	7.54	0.009013748	2.5
20	4.31	0.005152421	2.5
30	-4.88	0.005833831	2.5
40	6.37	0.007615063	2.5
50	2.19	0.002618051	2.5
Max. Deviation (ppm)	7.54	0.009013748	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
8.80	-2.59	0.003096234	2.5
7.68	3.91	0.004674238	2.5
6.50	-2.34	0.002797370	2.5
Max. Deviation (ppm)	3.91	0.004674238	2.5