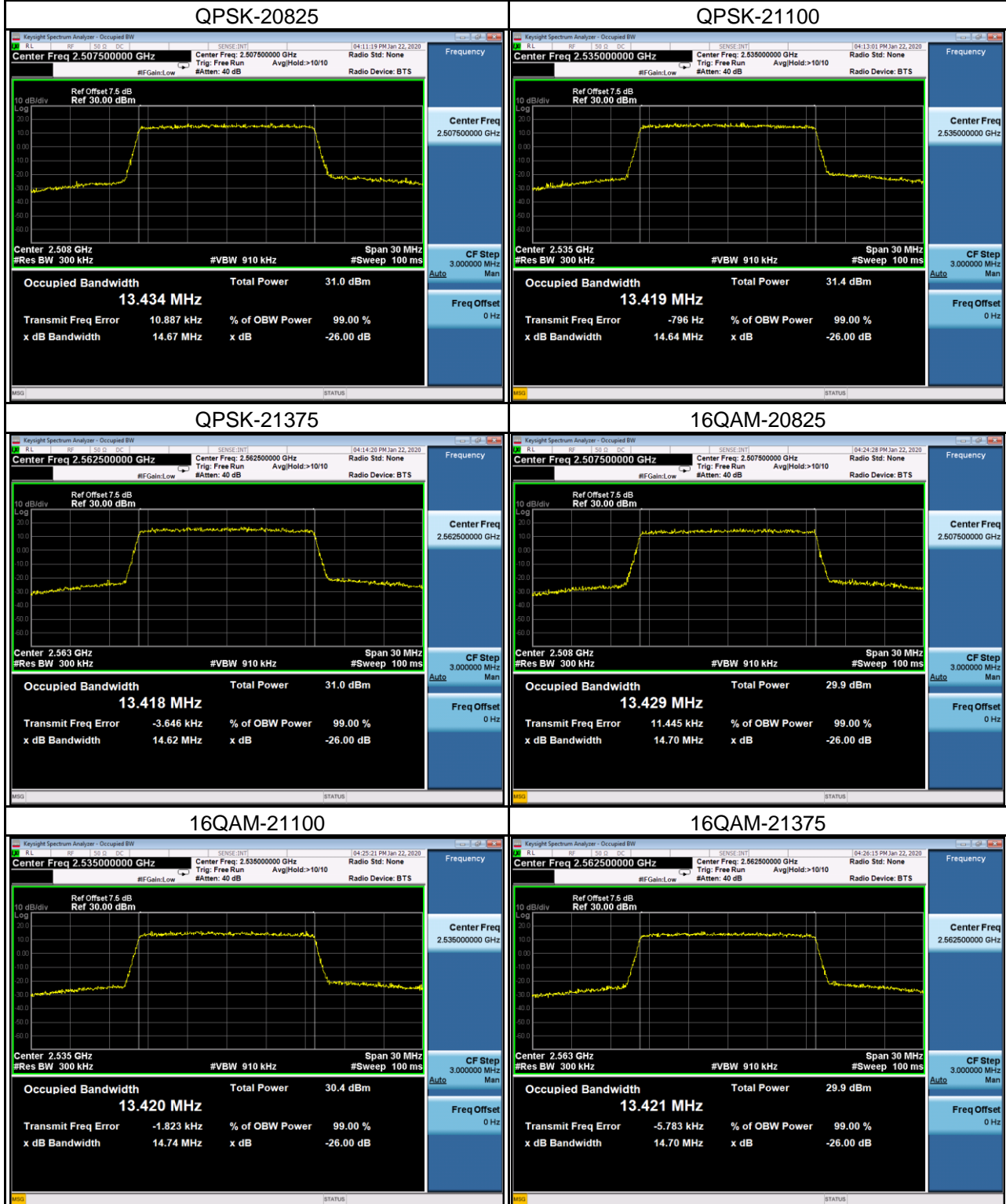


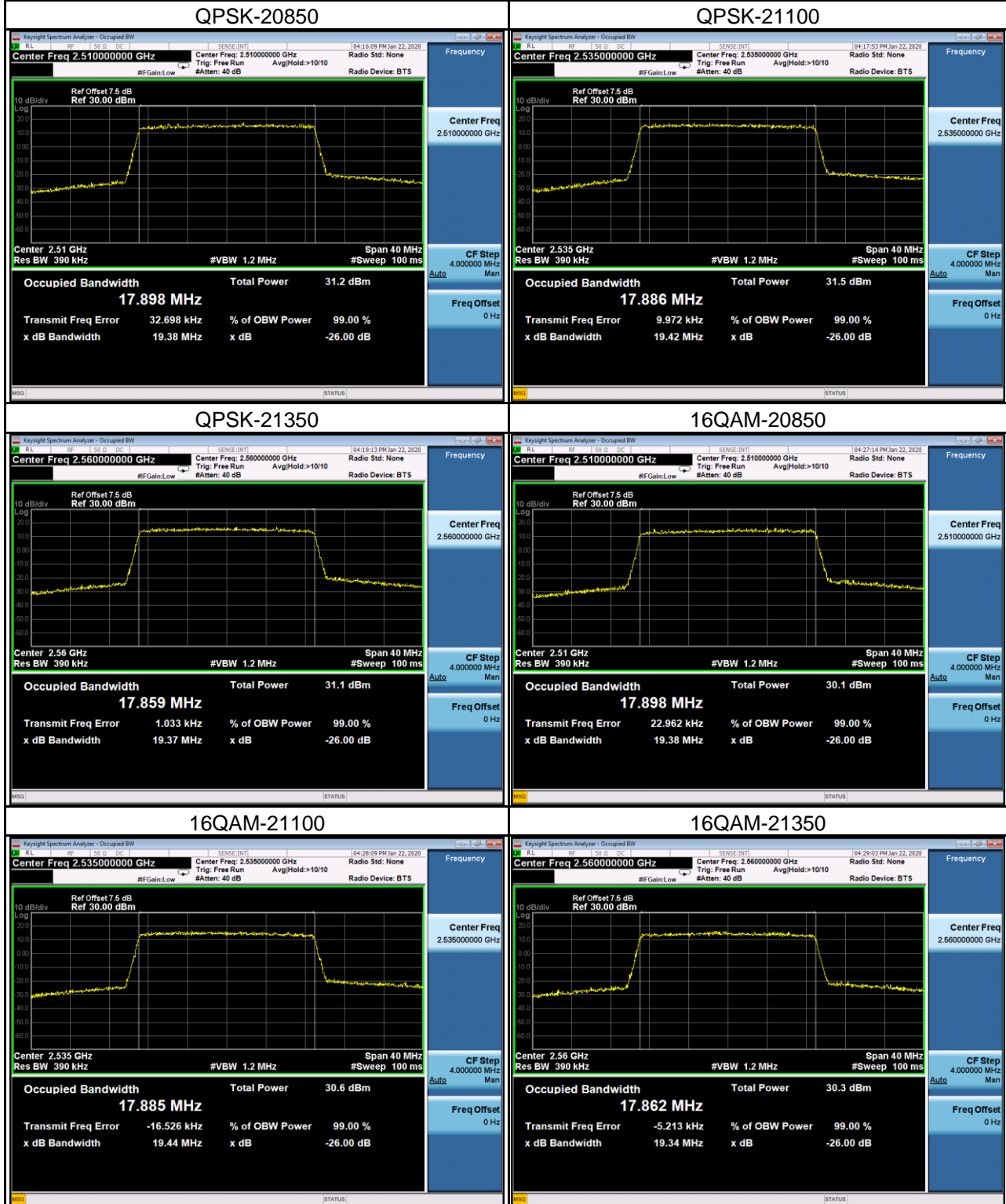
LTE Band 7_15M					
QPSK			16QAM		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
20825	2507.5	13.4340	20825	2507.5	13.4290
21100	2535	13.4190	21100	2535	13.4200
21375	2562.5	13.4180	21375	2562.5	13.4210
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
20825	2507.5	14.6700	20825	2507.5	14.7000
21100	2535	14.6400	21100	2535	14.7400
21375	2562.5	14.6200	21375	2562.5	14.7000

Spectrum Plot



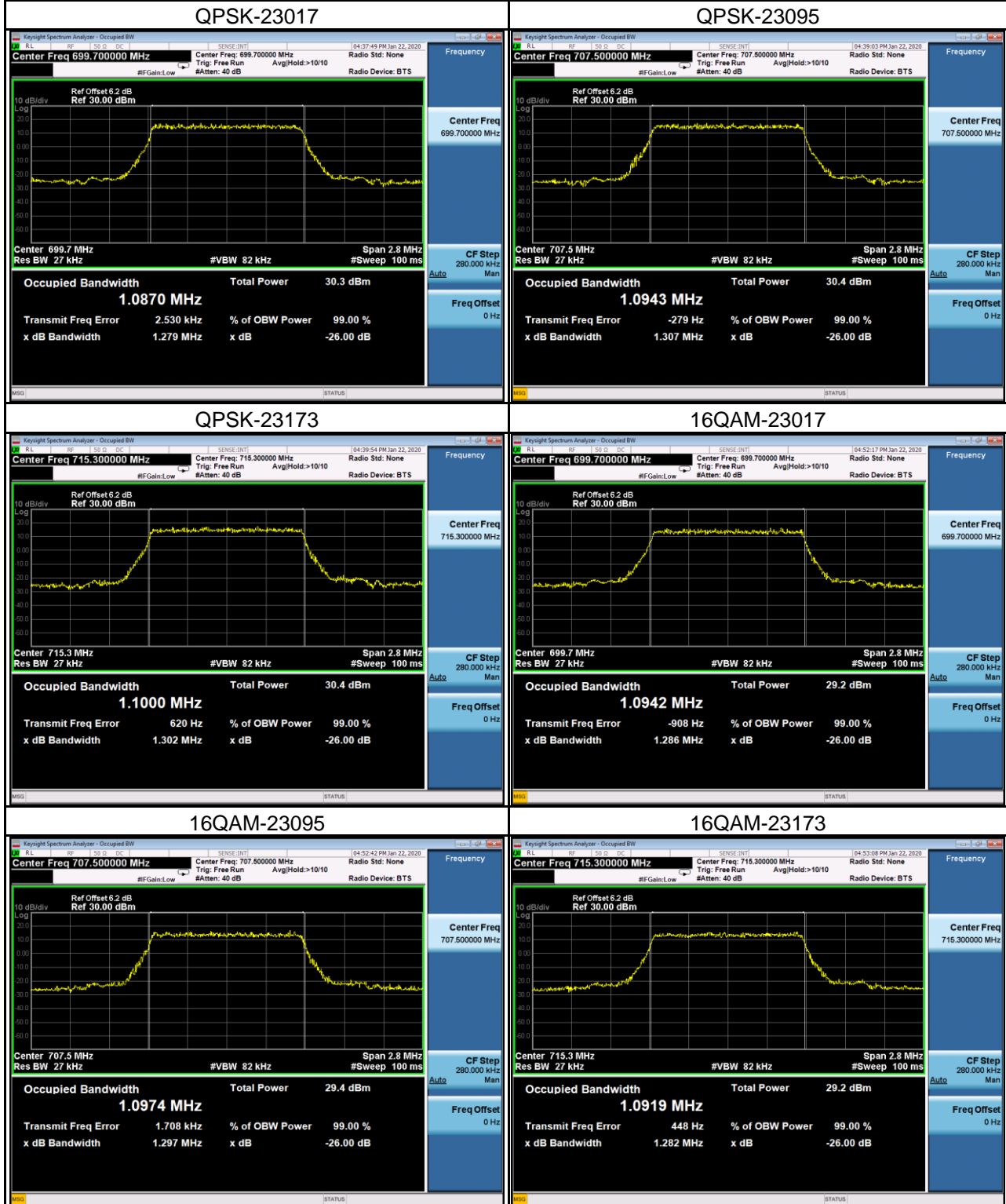
LTE Band 7_20M					
QPSK			16QAM		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
20850	2510	17.8980	20850	2510	17.8980
21100	2535	17.8860	21100	2535	17.8850
21350	2560	17.8590	21350	2560	17.8620
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
20850	2510	19.3800	20850	2510	19.3800
21100	2535	19.4200	21100	2535	19.4400
21350	2560	19.3700	21350	2560	19.3400

Spectrum Plot



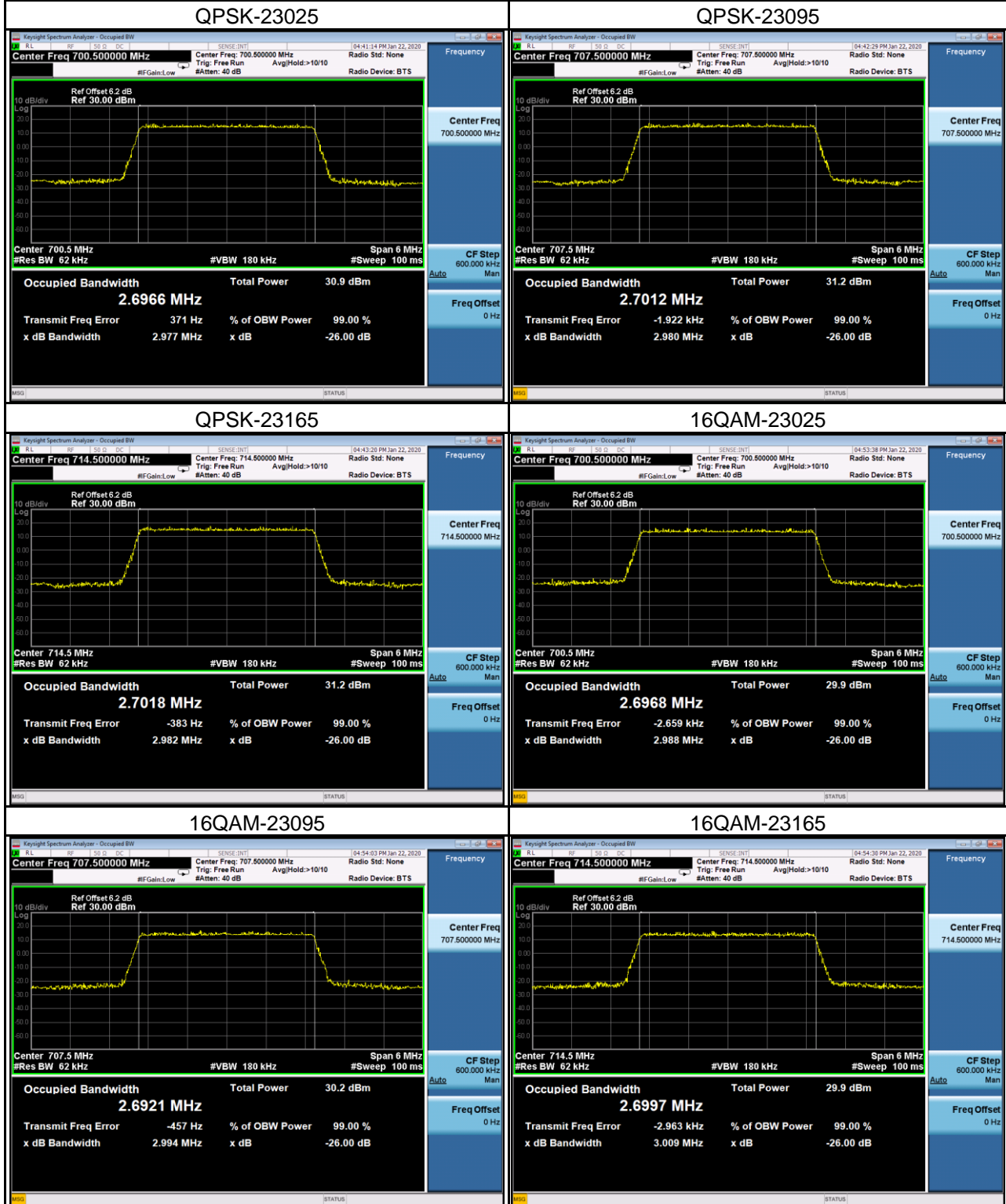
LTE Band 12_1.4M					
QPSK			16QAM		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
23017	699.7	1.0870	23017	699.7	1.0942
23095	707.5	1.0943	23095	707.5	1.0974
23173	715.3	1.1000	23173	715.3	1.0919
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
23017	699.7	1.2790	23017	699.7	1.2860
23095	707.5	1.3070	23095	707.5	1.2970
23173	715.3	1.3020	23173	715.3	1.2820

Spectrum Plot



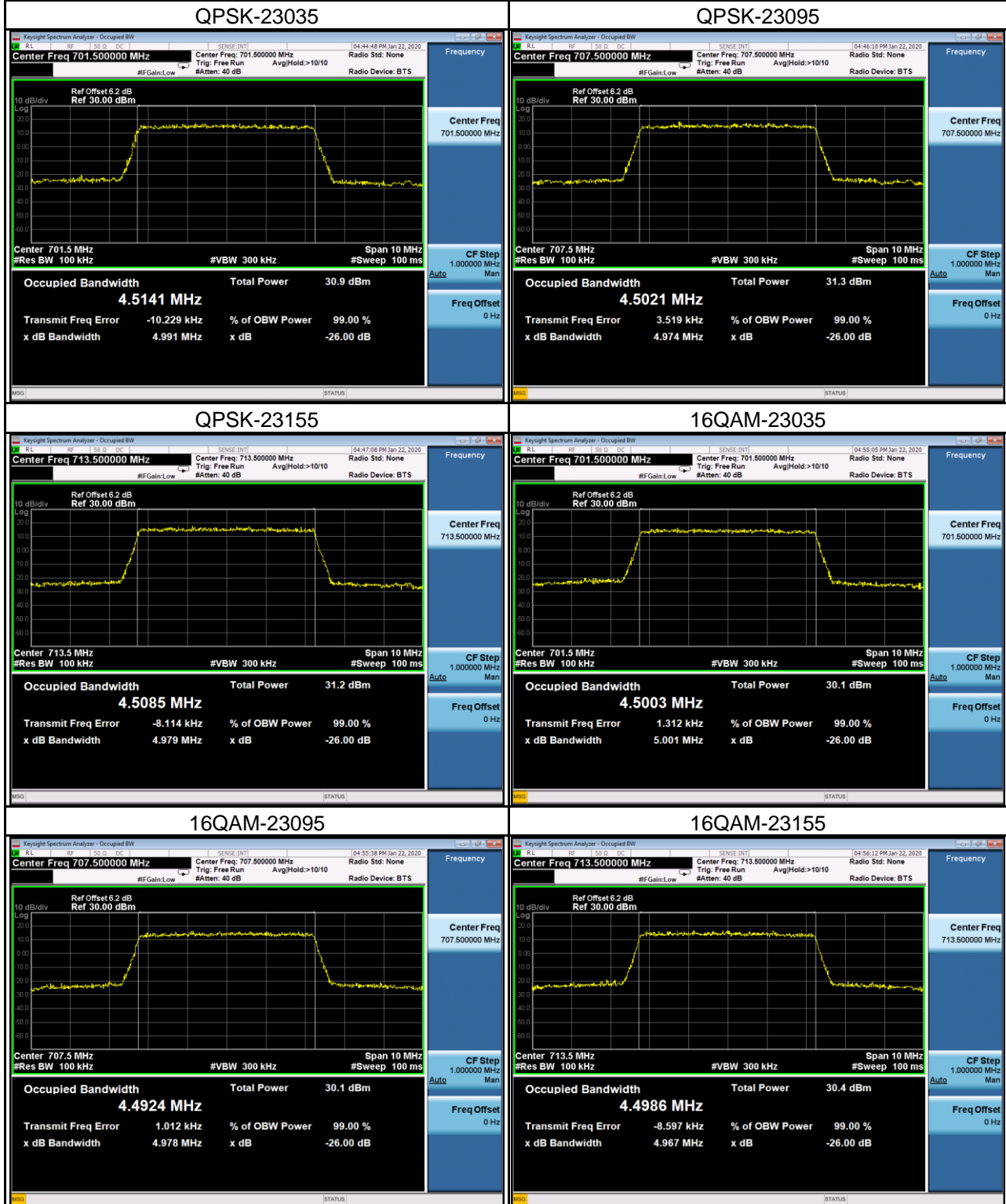
LTE Band 12_3M					
QPSK			16QAM		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
23025	700.5	2.6966	23025	700.5	2.6968
23095	707.5	2.7012	23095	707.5	2.6921
23165	714.5	2.7018	23165	714.5	2.6997
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
23025	700.5	2.9770	23025	700.5	2.9880
23095	707.5	2.9800	23095	707.5	2.9940
23165	714.5	2.9820	23165	714.5	3.0090

Spectrum Plot



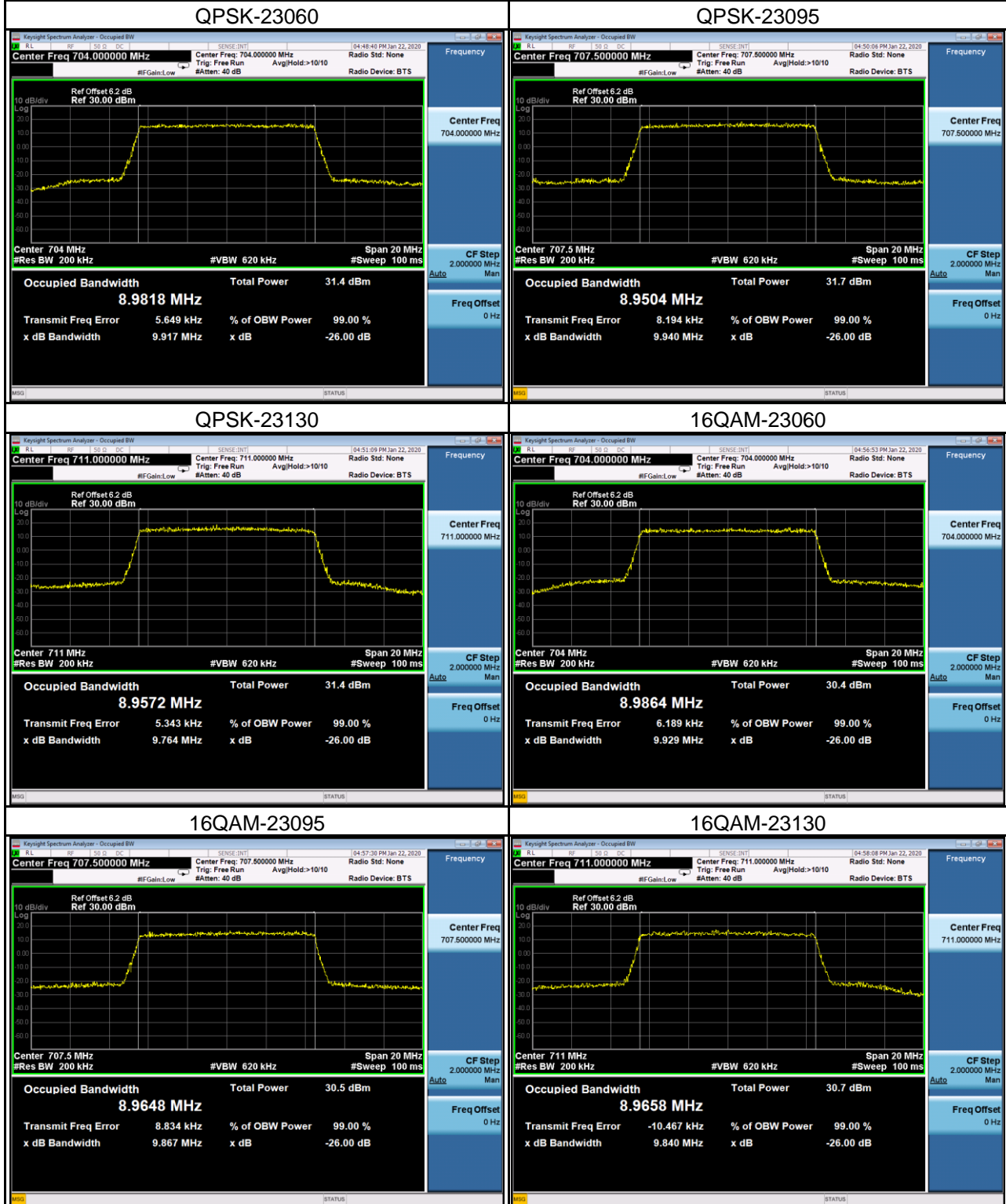
LTE Band 12_5M					
QPSK			16QAM		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
23035	701.5	4.5141	23035	701.5	4.5003
23095	707.5	4.5021	23095	707.5	4.4924
23155	713.5	4.5085	23155	713.5	4.4986
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
23035	701.5	4.9910	23035	701.5	5.0010
23095	707.5	4.9740	23095	707.5	4.9780
23155	713.5	4.9790	23155	713.5	4.9670

Spectrum Plot



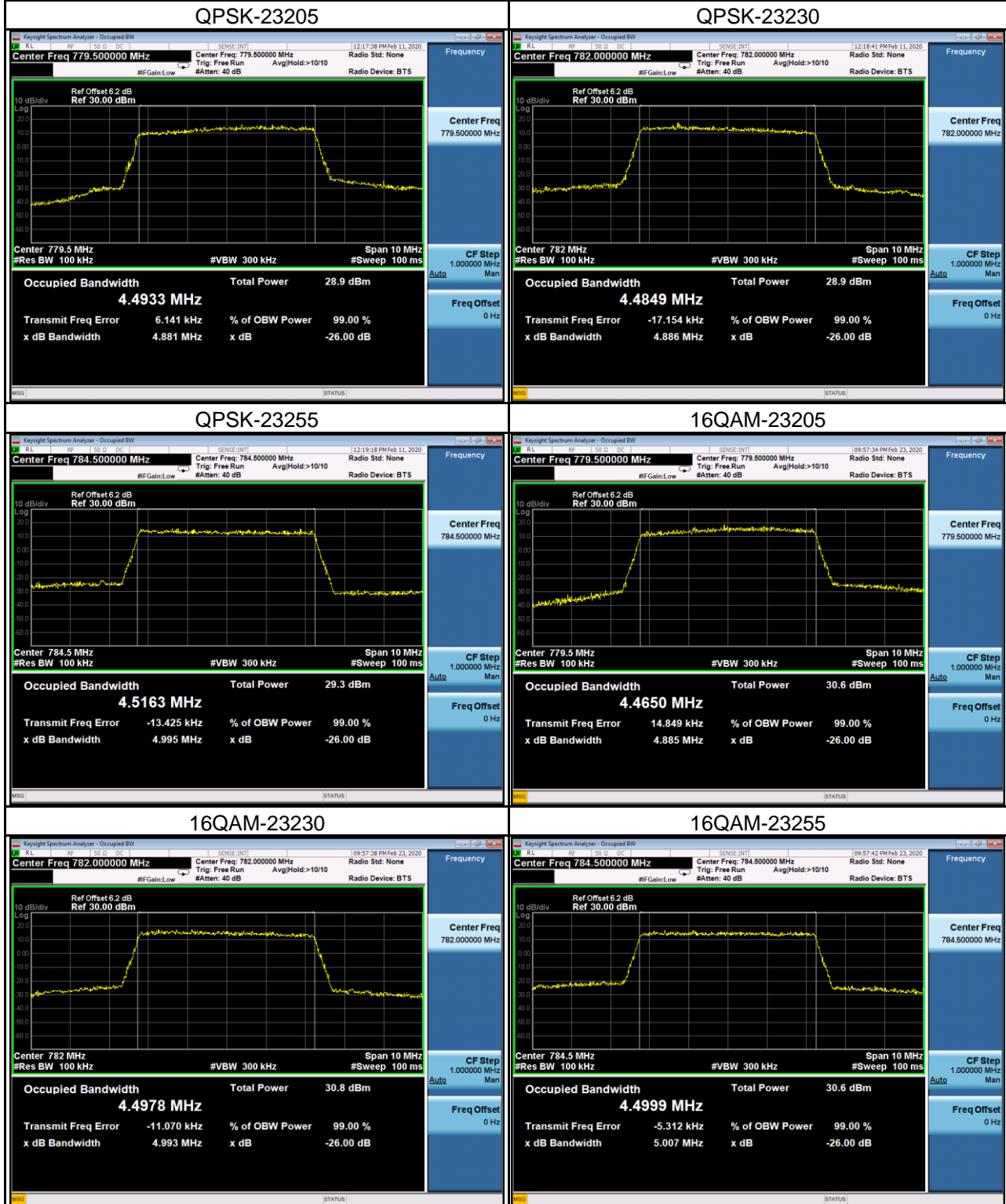
LTE Band 12_10M					
QPSK			16QAM		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
23060	704.0	8.9818	23060	704.0	8.9864
23095	707.5	8.9504	23095	707.5	8.9648
23130	711.0	8.9572	23130	711.0	8.9658
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
23060	704.0	9.9170	23060	704.0	9.9290
23095	707.5	9.9400	23095	707.5	9.8670
23130	711.0	9.7640	23130	711.0	9.8400

Spectrum Plot

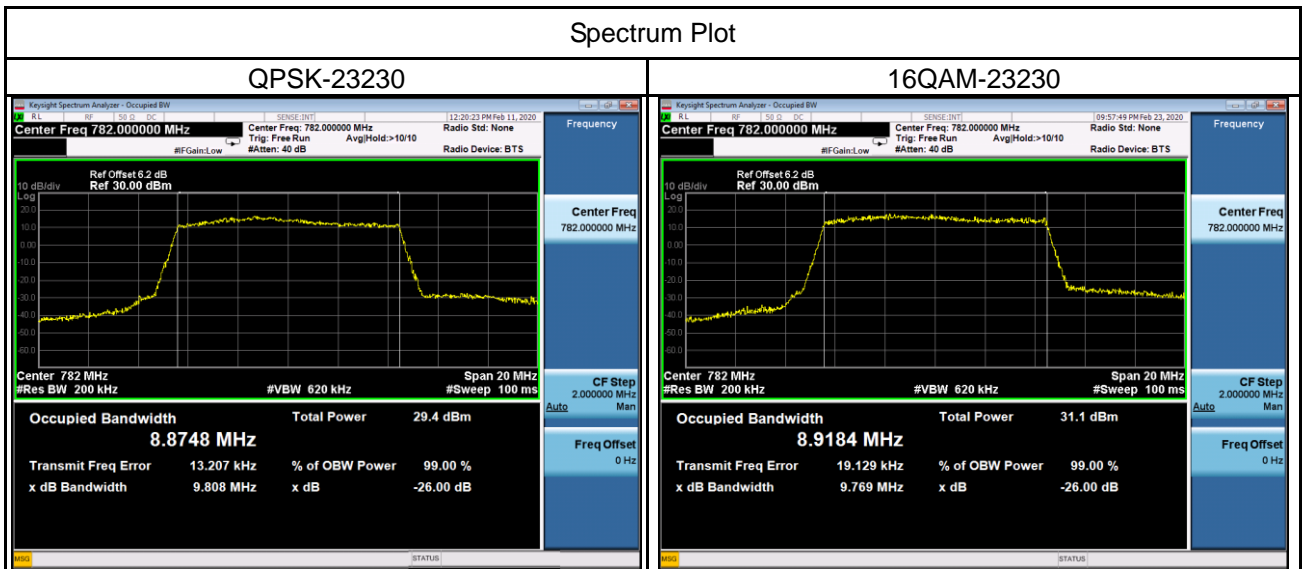


LTE Band 13_5M					
QPSK			16QAM		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
23205	779.5	4.4933	23205	779.5	4.4650
23230	782.0	4.4849	23230	782.0	4.4978
23255	784.5	4.5163	23255	784.5	4.4999
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
23205	779.5	4.8810	23205	779.5	4.8850
23230	782.0	4.8860	23230	782.0	4.9930
23255	784.5	4.9950	23255	784.5	5.0070

Spectrum Plot

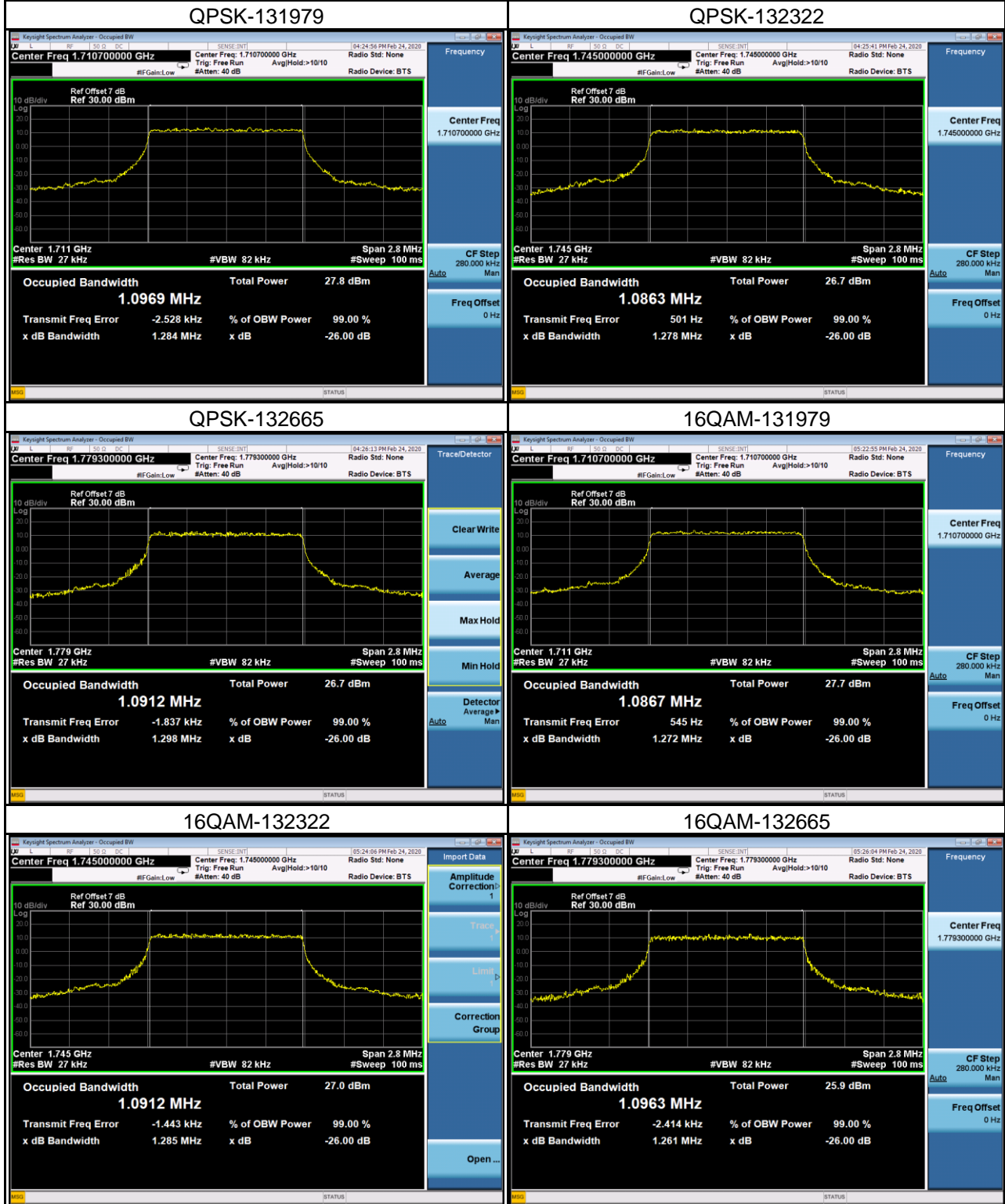


LTE Band 13_10M					
QPSK			16QAM		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
23230	782.0	8.8748	23230	782.0	8.9184
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
23230	782.0	9.8080	23230	782.0	9.7690



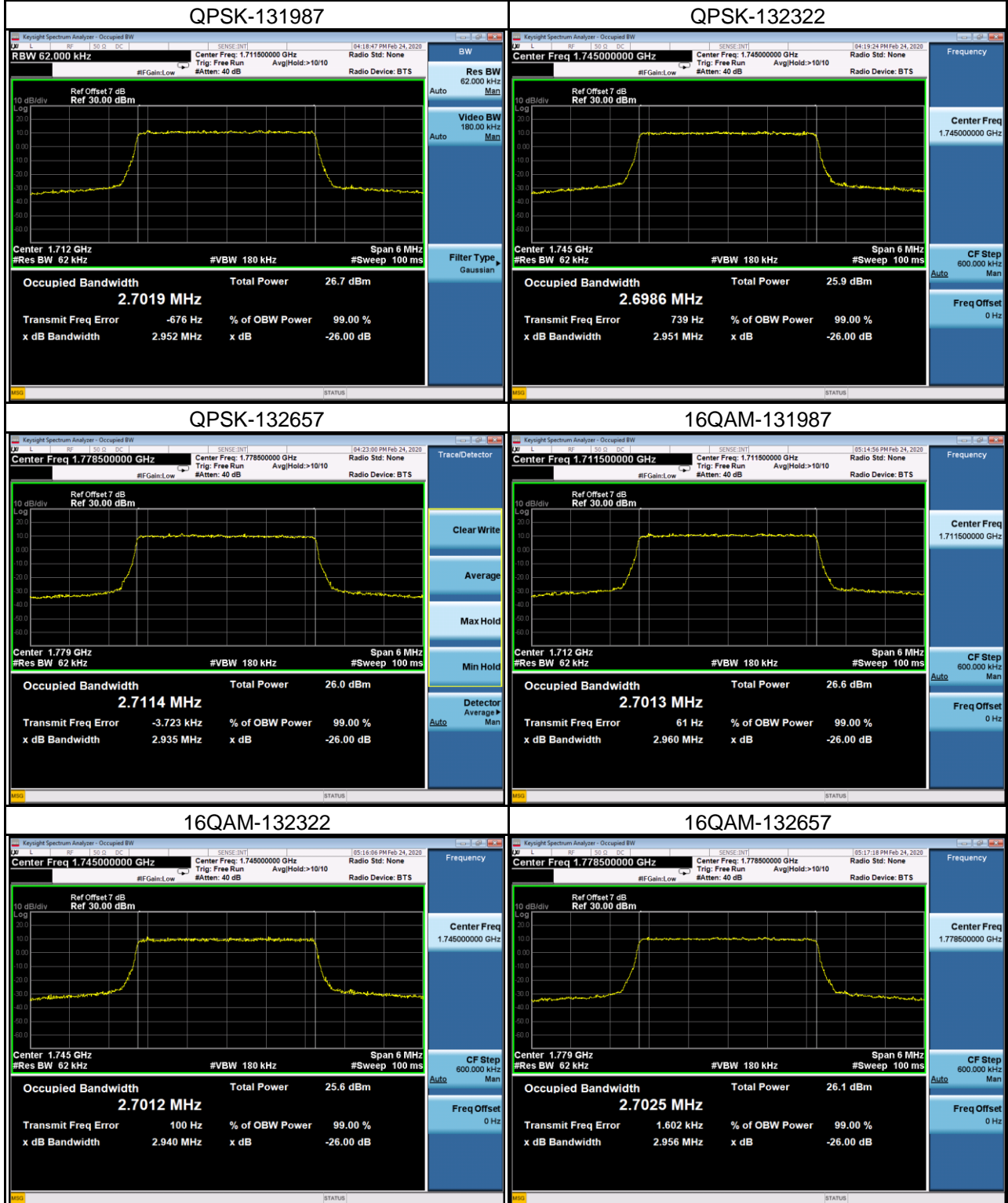
LTE Band 66_1.4M					
QPSK			16QAM		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
131979	1710.7	1.0969	131979	1710.7	1.0867
132322	1745.0	1.0863	132322	1745.0	1.0912
132665	1779.3	1.0912	132665	1779.3	1.0963
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
131979	1710.7	1.2840	131979	1710.7	1.2720
132322	1745.0	1.2780	132322	1745.0	1.2850
132665	1779.3	1.2980	132665	1779.3	1.2610

Spectrum Plot



LTE Band 66_3M					
QPSK			16QAM		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
131987	1711.5	2.7019	131987	1711.5	2.7013
132322	1745.0	2.6986	132322	1745.0	2.7012
132657	1778.5	2.7114	132657	1778.5	2.7025
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
131987	1711.5	2.9520	131987	1711.5	2.9600
132322	1745.0	2.9510	132322	1745.0	2.9400
132657	1778.5	2.9350	132657	1778.5	2.9560

Spectrum Plot



LTE Band 66_5M					
QPSK			16QAM		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
131997	1712.5	4.5023	131997	1712.5	4.5055
132322	1745.0	4.5155	132322	1745.0	4.4998
132647	1777.5	4.4938	132647	1777.5	4.4990
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
131997	1712.5	4.8830	131997	1712.5	4.8470
132322	1745.0	4.9300	132322	1745.0	4.9040
132647	1777.5	4.8700	132647	1777.5	4.8820