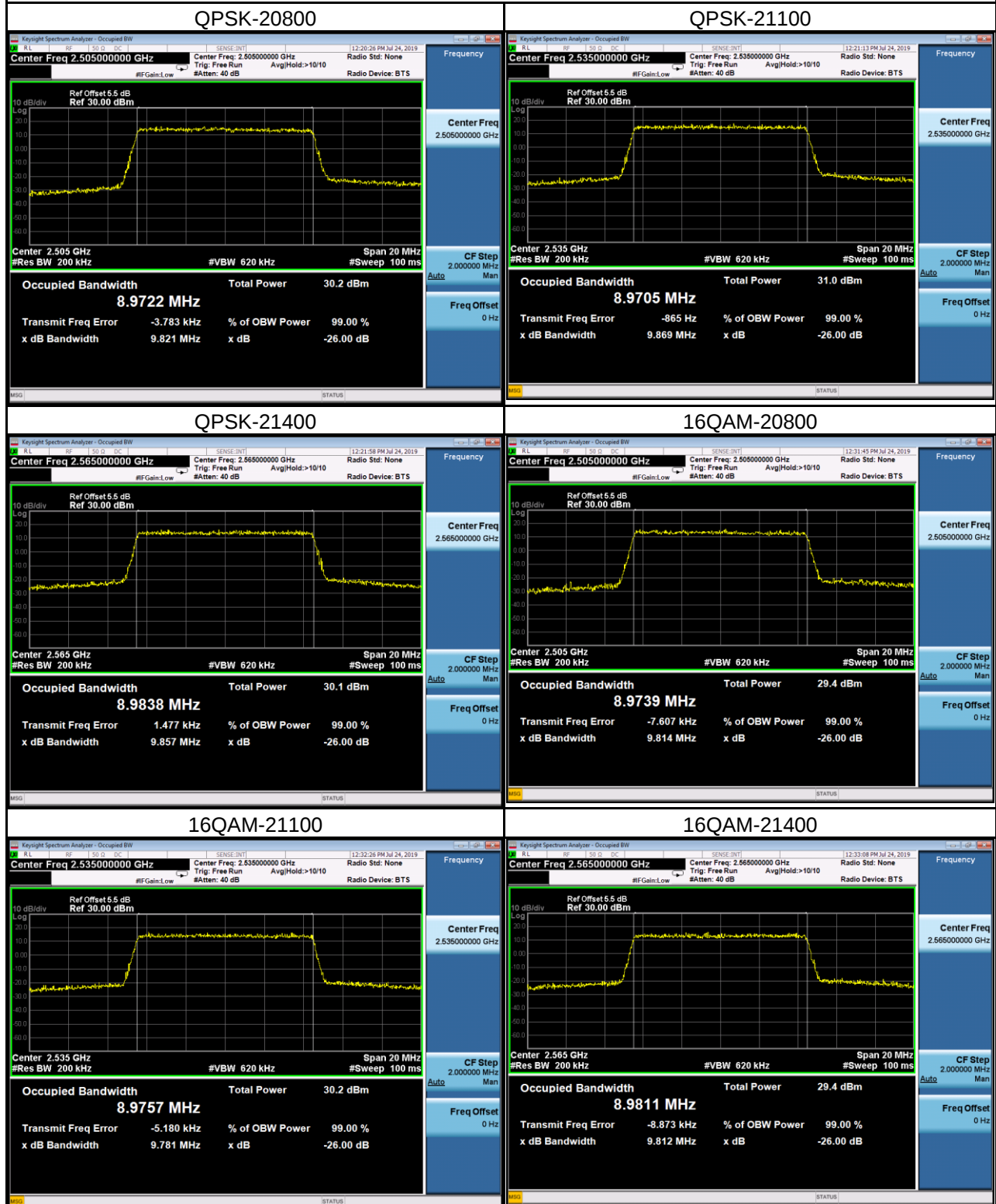
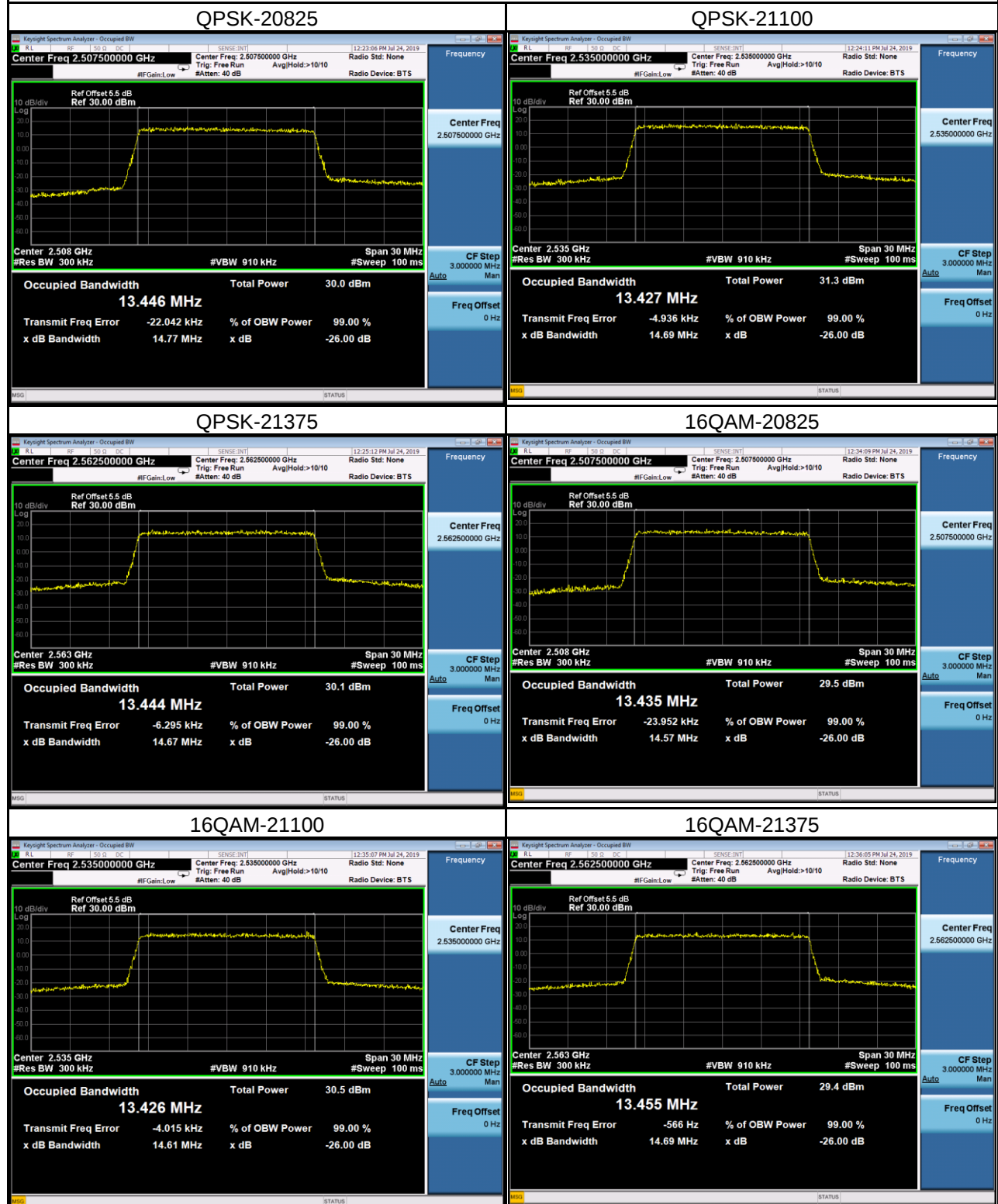


Spectrum Plot



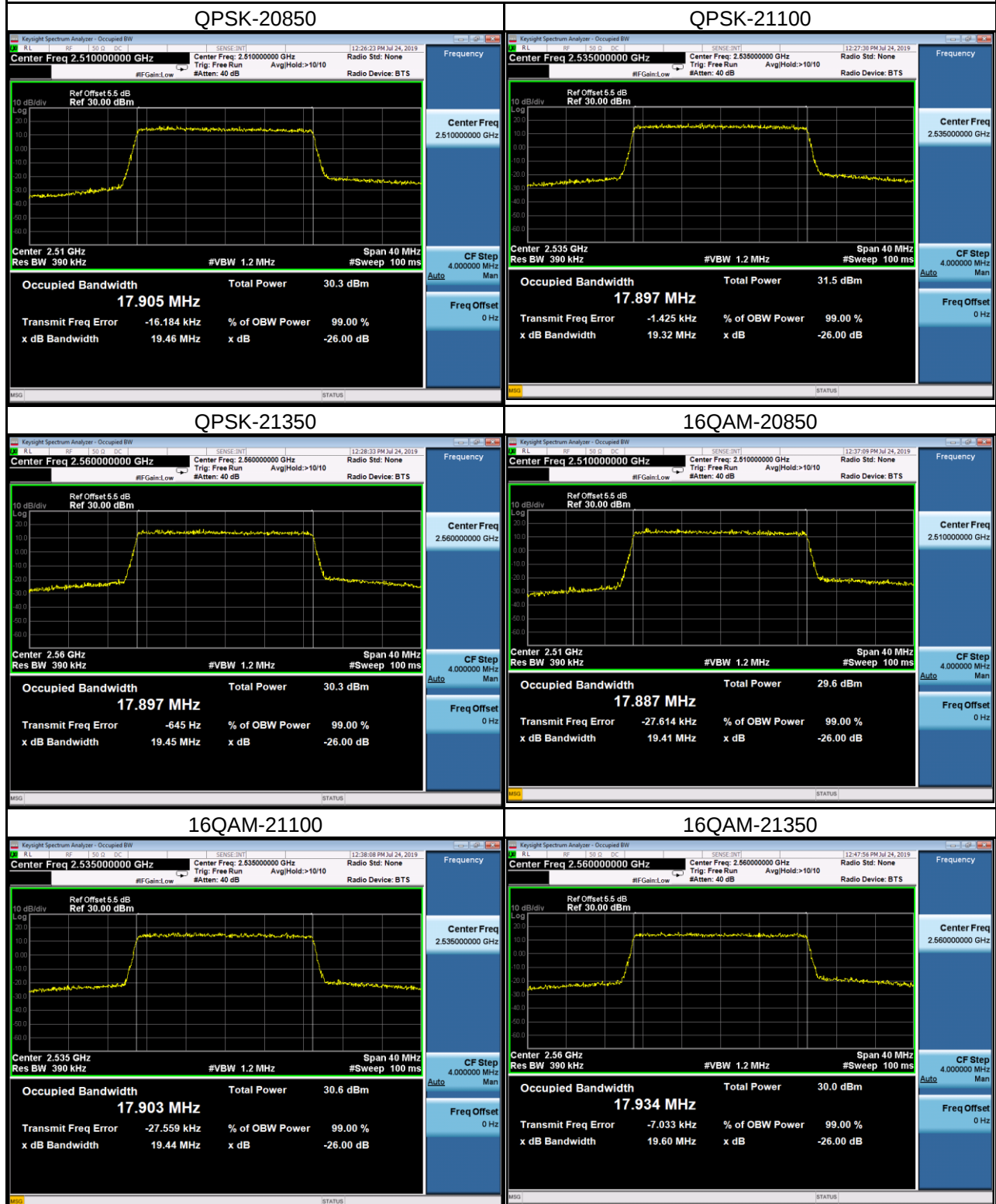
LTE Band 7_15M					
QPSK			16QAM		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
20825	2507.5	13.4460	20825	2507.5	13.4350
21100	2535	13.4270	21100	2535	13.4260
21375	2562.5	13.4440	21375	2562.5	13.4550
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
20825	2507.5	14.7700	20825	2507.5	14.5700
21100	2535	14.6900	21100	2535	14.6100
21375	2562.5	14.6700	21375	2562.5	14.6900

Spectrum Plot



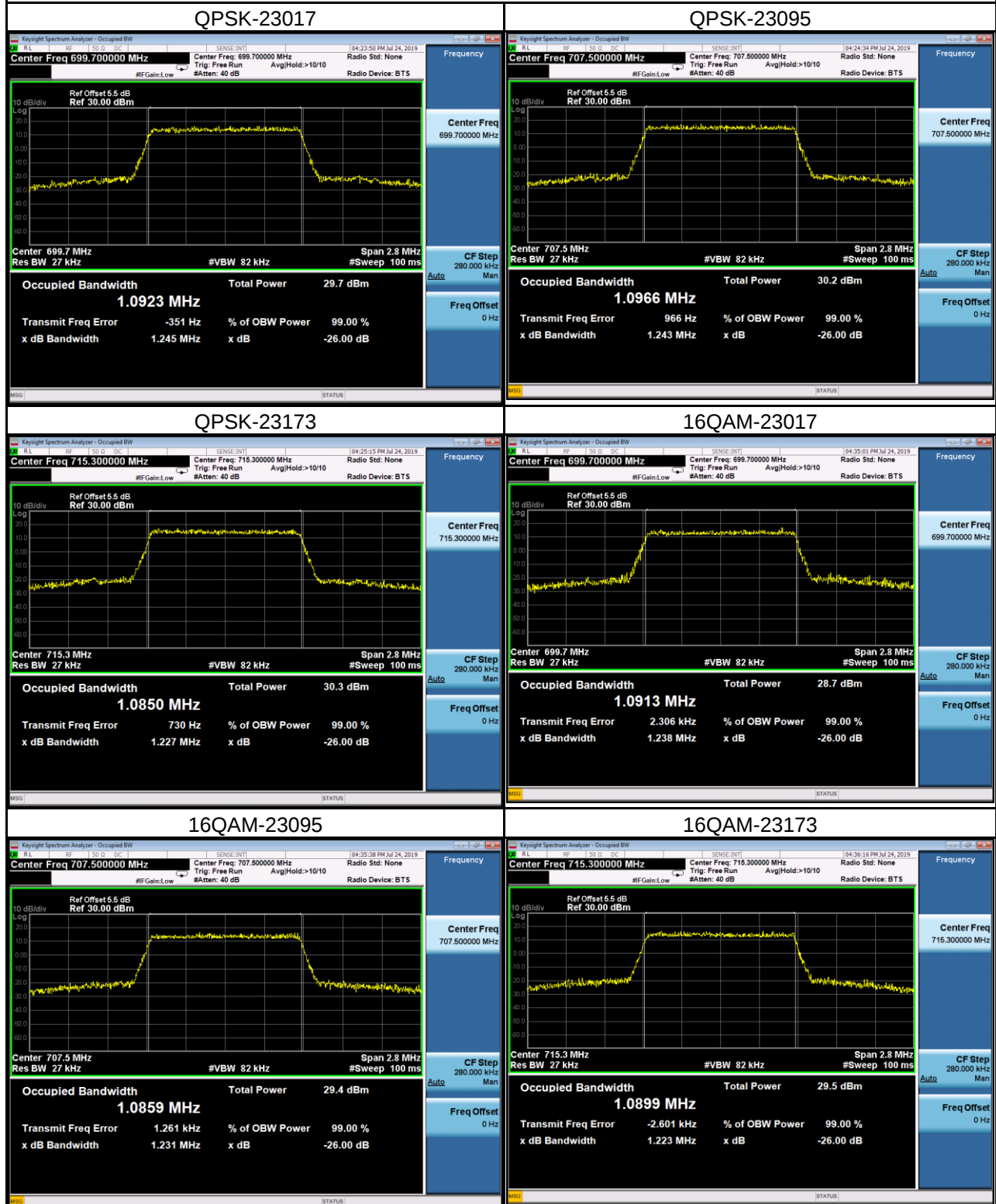
LTE Band 7_20M					
QPSK			16QAM		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
20850	2510	17.9050	20850	2510	17.8870
21100	2535	17.8970	21100	2535	17.9030
21350	2560	17.8970	21350	2560	17.9340
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
20850	2510	19.4600	20850	2510	19.4100
21100	2535	19.3200	21100	2535	19.4400
21350	2560	19.4500	21350	2560	19.6000

Spectrum Plot



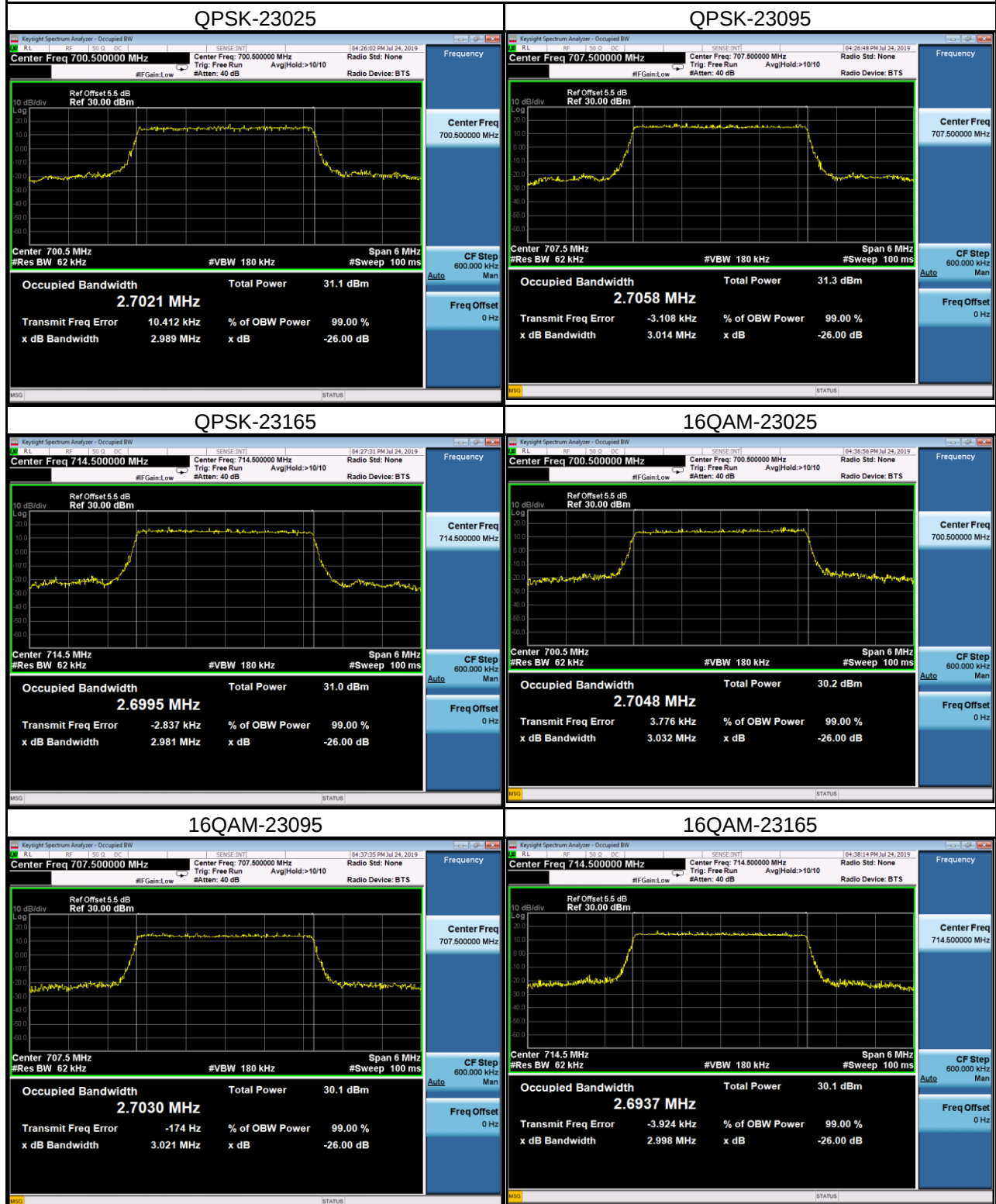
LTE Band 12_1.4M					
QPSK			16QAM		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
23017	699.7	1.0923	23017	699.7	1.0913
23095	707.5	1.0966	23095	707.5	1.0859
23173	715.3	1.0850	23173	715.3	1.0899
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
23017	699.7	1.2450	23017	699.7	1.2380
23095	707.5	1.2430	23095	707.5	1.2310
23173	715.3	1.2270	23173	715.3	1.2230

Spectrum Plot



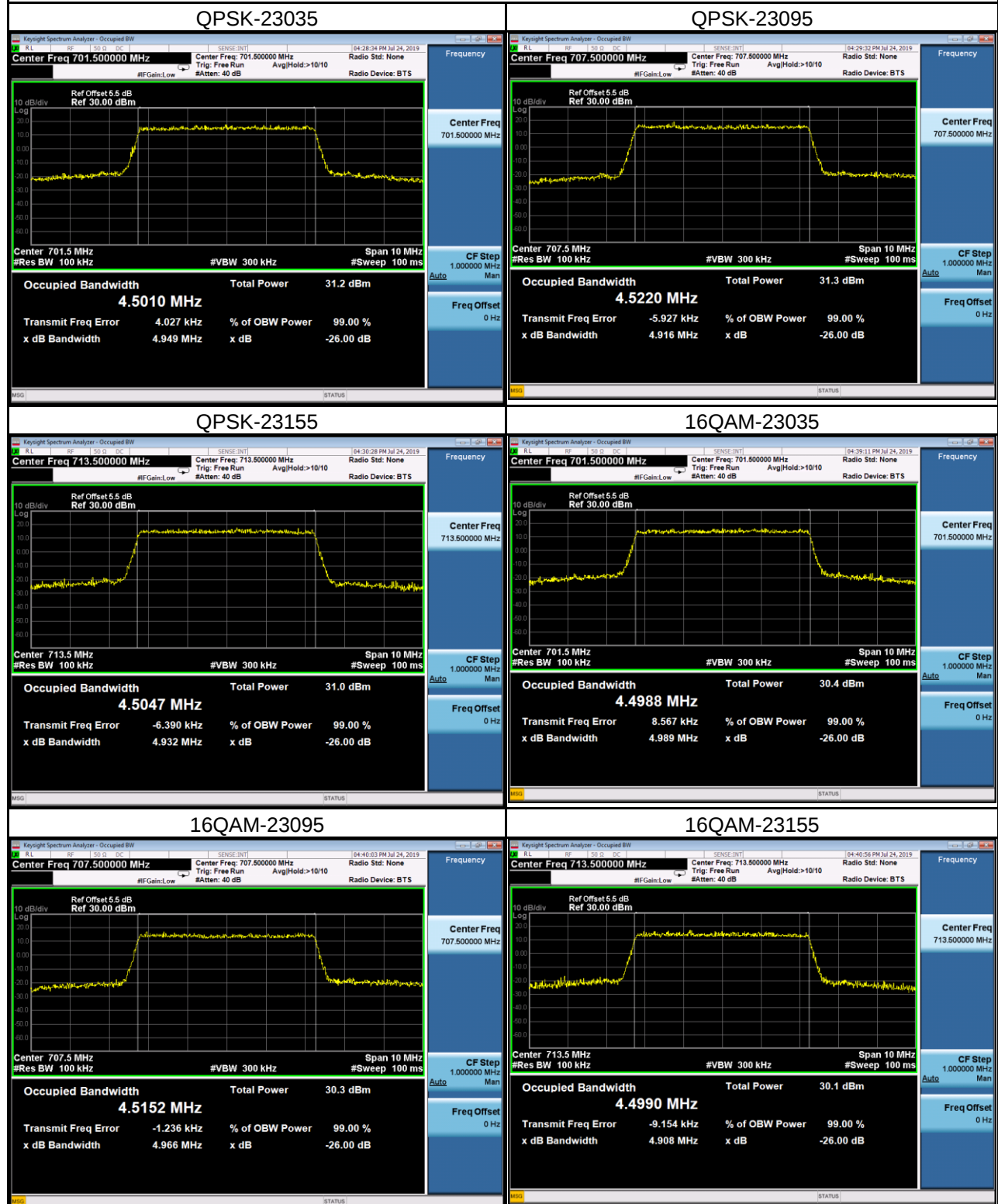
LTE Band 12_3M					
QPSK			16QAM		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
23025	700.5	2.7021	23025	700.5	2.7048
23095	707.5	2.7058	23095	707.5	2.7030
23165	714.5	2.6995	23165	714.5	2.6937
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
23025	700.5	2.9890	23025	700.5	3.0320
23095	707.5	3.0140	23095	707.5	3.0210
23165	714.5	2.9810	23165	714.5	2.9980

Spectrum Plot



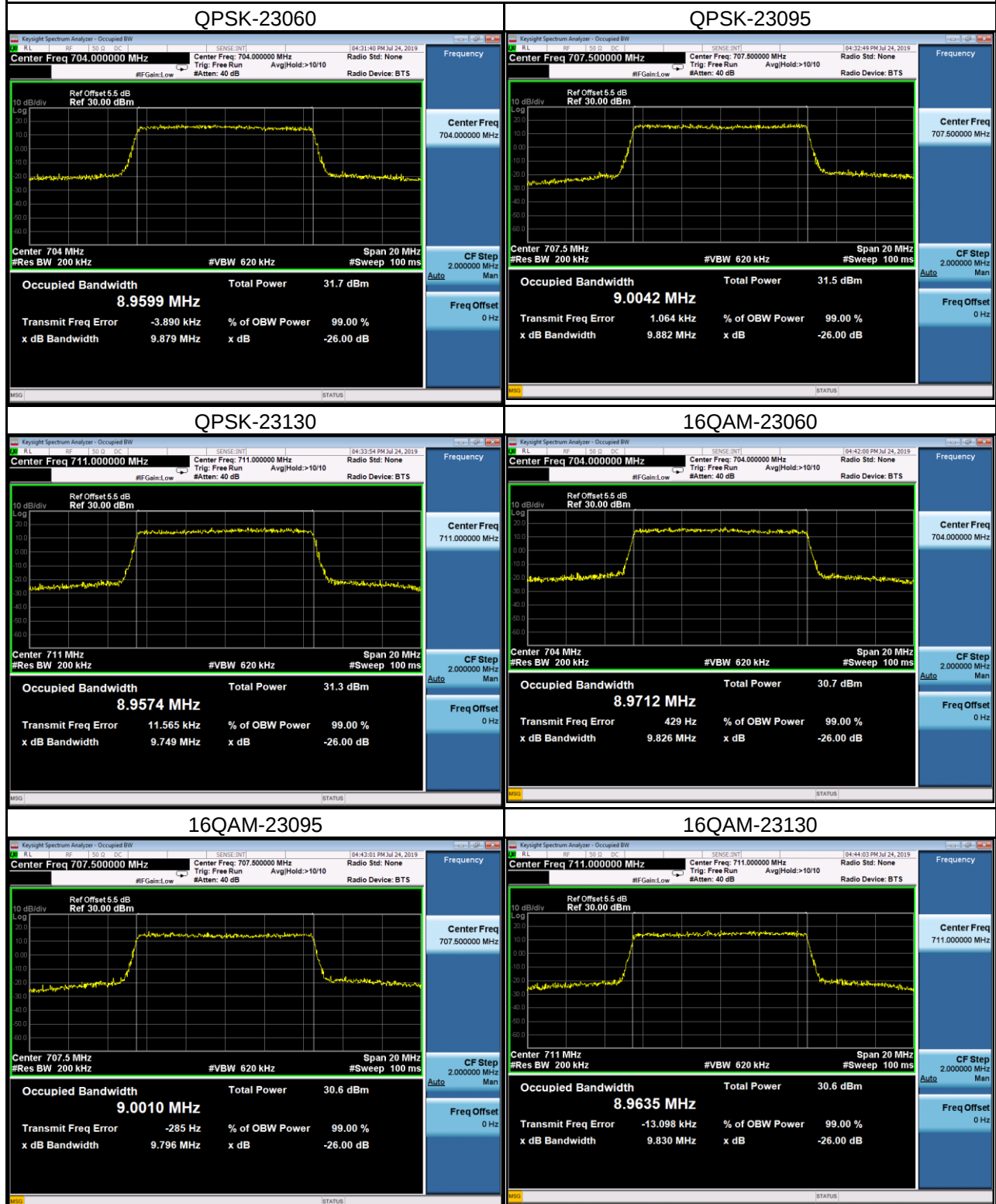
LTE Band 12_5M					
QPSK			16QAM		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
23035	701.5	4.5010	23035	701.5	4.4988
23095	707.5	4.5220	23095	707.5	4.5152
23155	713.5	4.5047	23155	713.5	4.4990
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
23035	701.5	4.9490	23035	701.5	4.9890
23095	707.5	4.9160	23095	707.5	4.9660
23155	713.5	4.9320	23155	713.5	4.9080

Spectrum Plot



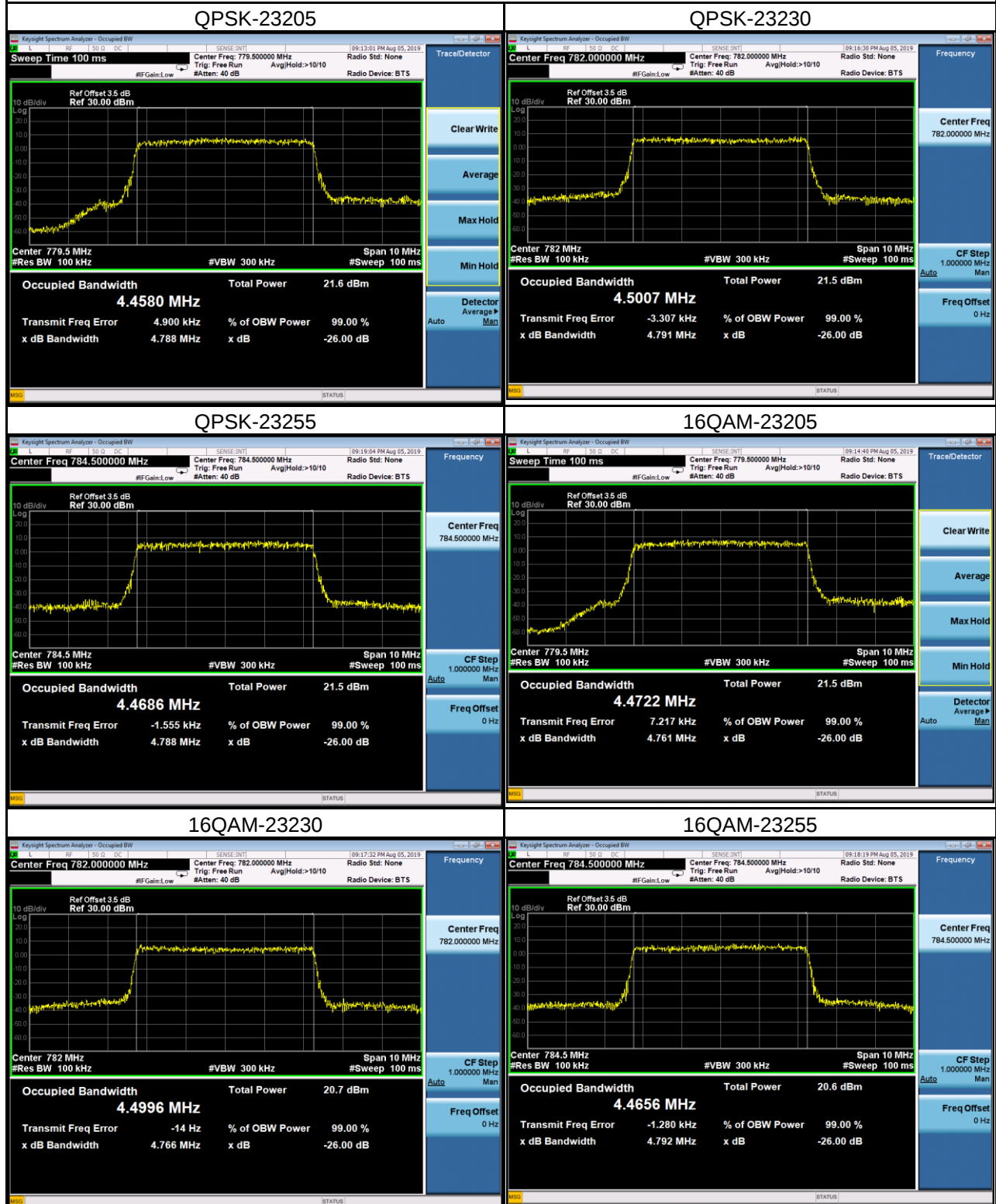
LTE Band 12_10M					
QPSK			16QAM		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
23060	704.0	8.9599	23060	704.0	8.9712
23095	707.5	9.0042	23095	707.5	9.0010
23130	711.0	8.9574	23130	711.0	8.9635
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
23060	704.0	9.8790	23060	704.0	9.8260
23095	707.5	9.8820	23095	707.5	9.7960
23130	711.0	9.7490	23130	711.0	9.8300

Spectrum Plot

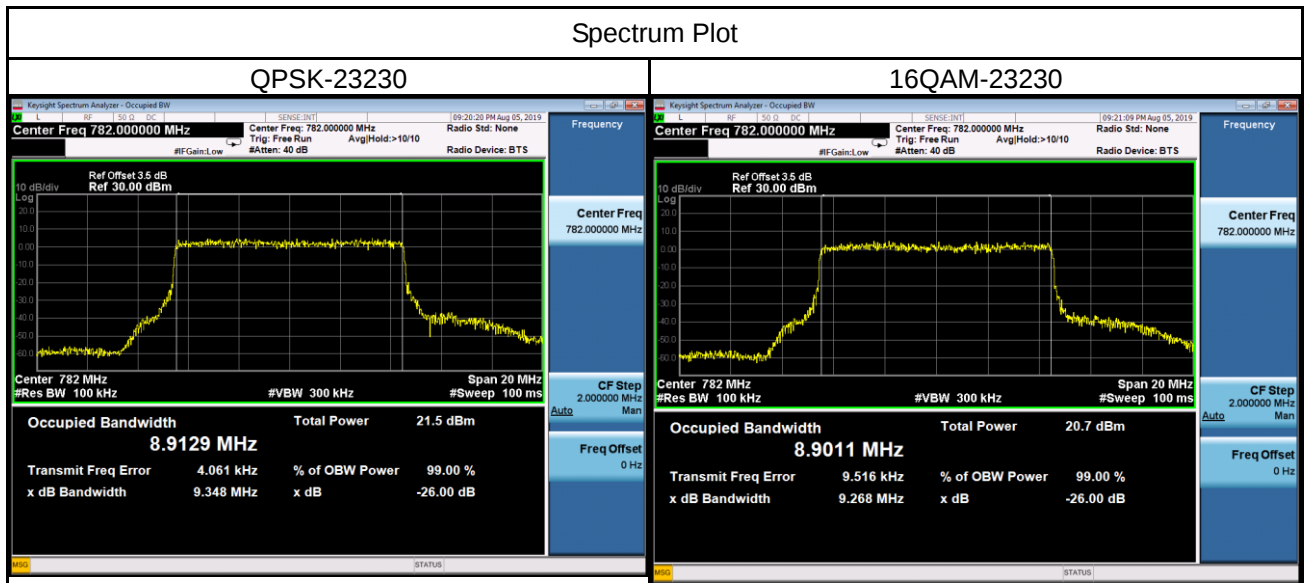


LTE Band 13_5M					
QPSK			16QAM		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
23205	779.5	4.4580	23205	779.5	4.4722
23230	782.0	4.5007	23230	782.0	4.4996
23255	784.5	4.4686	23255	784.5	4.4656
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
23205	779.5	4.7880	23205	779.5	4.7610
23230	782.0	4.7910	23230	782.0	4.7660
23255	784.5	4.7880	23255	784.5	4.7920

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	8.9129	23230	782.0	9.3480
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
23230	782.0	8.9011	23230	782.0	9.2680



LTE Band 14_5M					
QPSK			16QAM		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
23305	790.5	4.5117	23305	790.5	4.5089
23330	793.0	4.5154	23330	793.0	4.5146
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
23305	790.5	4.9540	23305	790.5	4.9850
23330	793.0	4.9480	23330	793.0	4.9550



LTE Band 14_10M					
QPSK			16QAM		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
23330	793.0	8.9924	23330	793.0	8.9999
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
23330	793.0	9.9190	23330	793.0	9.8000

