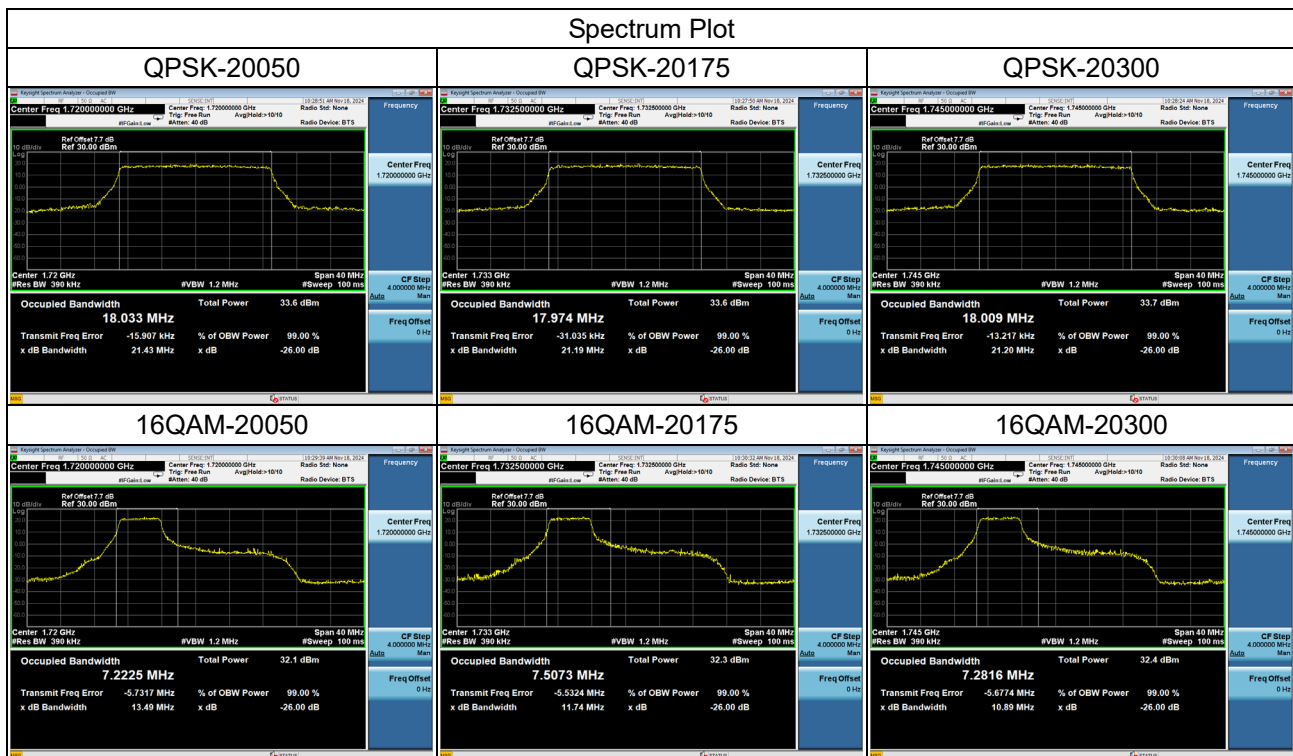
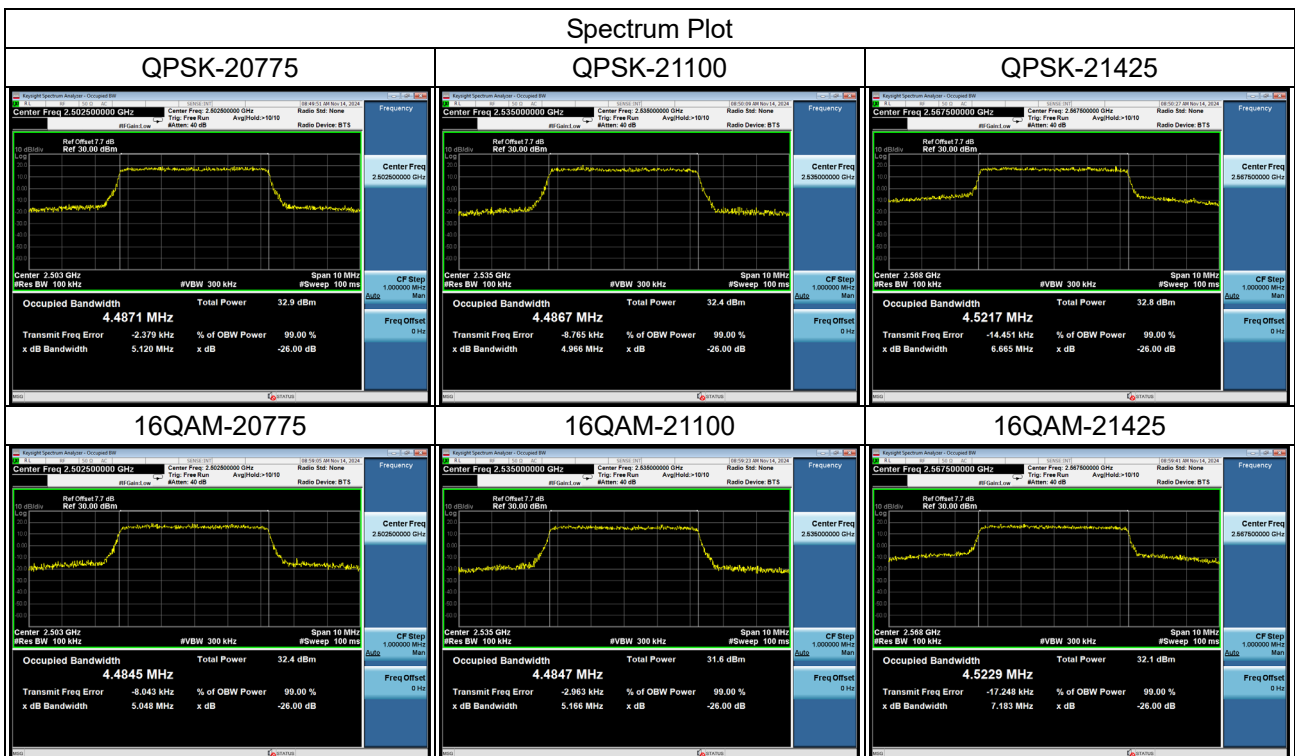


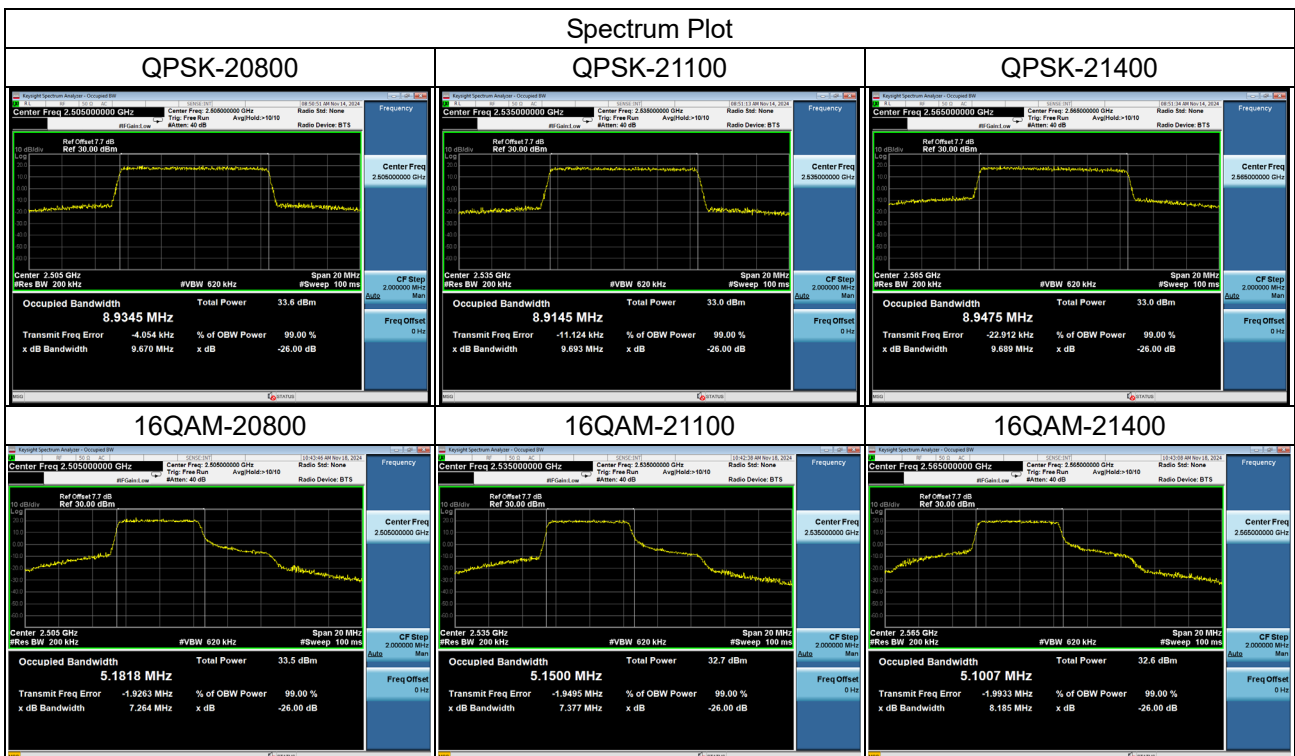
LTE Band 4_20MHz					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)		26dB Bandwidth (MHz)	
		QPSK	16QAM	QPSK	16QAM
20050	1720	18.033	7.2225	21.43	13.49
20175	1732.5	17.974	7.5073	21.19	11.74
20300	1740	18.009	7.2816	21.20	10.89



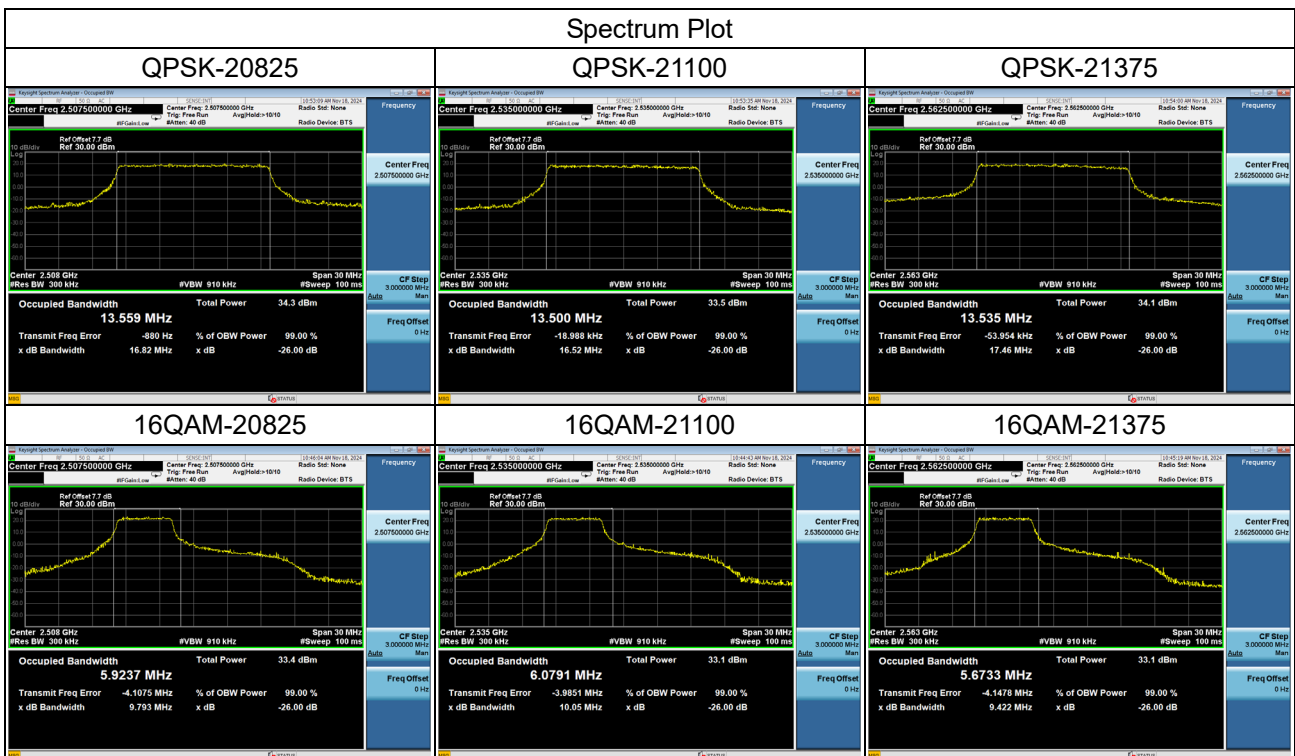
LTE Band 7_5MHz					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)		26dB Bandwidth (MHz)	
		QPSK	16QAM	QPSK	16QAM
20775	2502.5	4.4871	4.4845	5.120	5.048
21100	2535	4.4867	4.4847	4.966	5.166
21425	2567.5	4.5217	4.5229	6.665	7.183



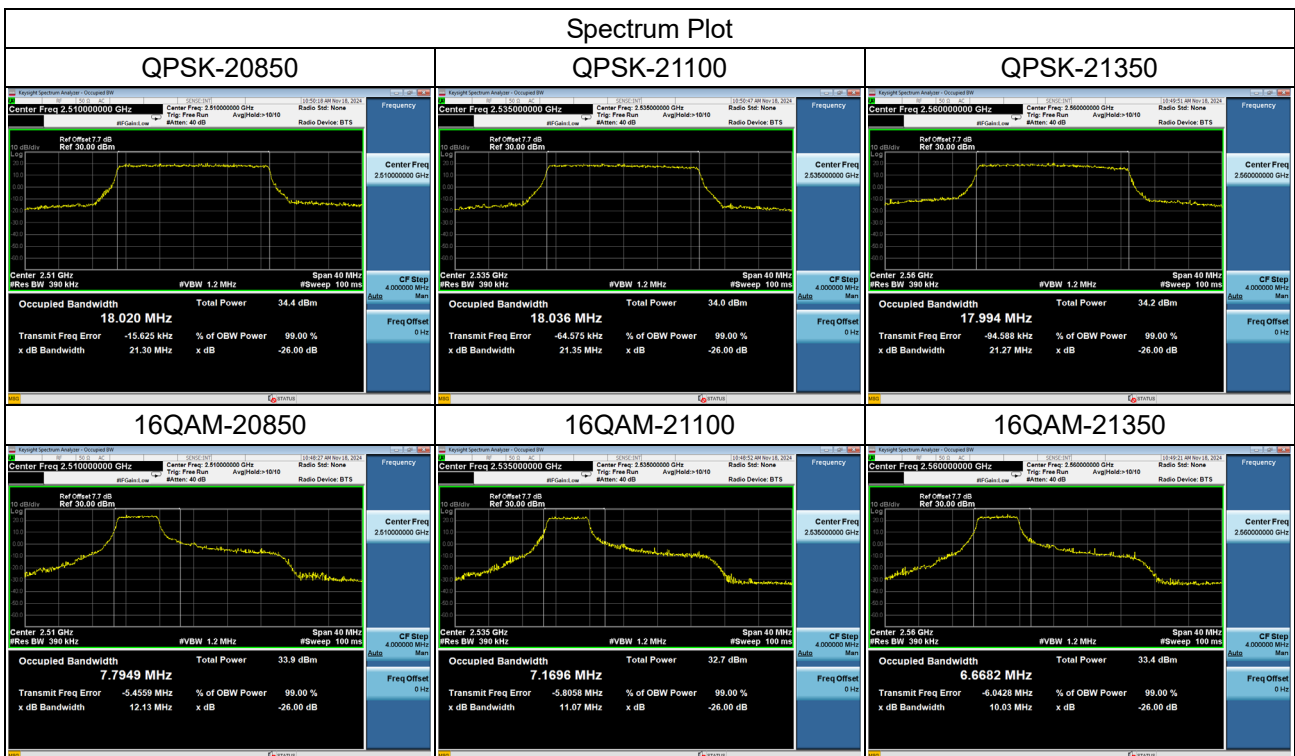
LTE Band 7_10MHz					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)		26dB Bandwidth (MHz)	
		QPSK	16QAM	QPSK	16QAM
20800	2505	8.9345	5.1818	9.670	7.264
21100	2535	8.9145	5.1500	9.693	7.377
21400	2565	8.9475	5.1007	9.689	8.185



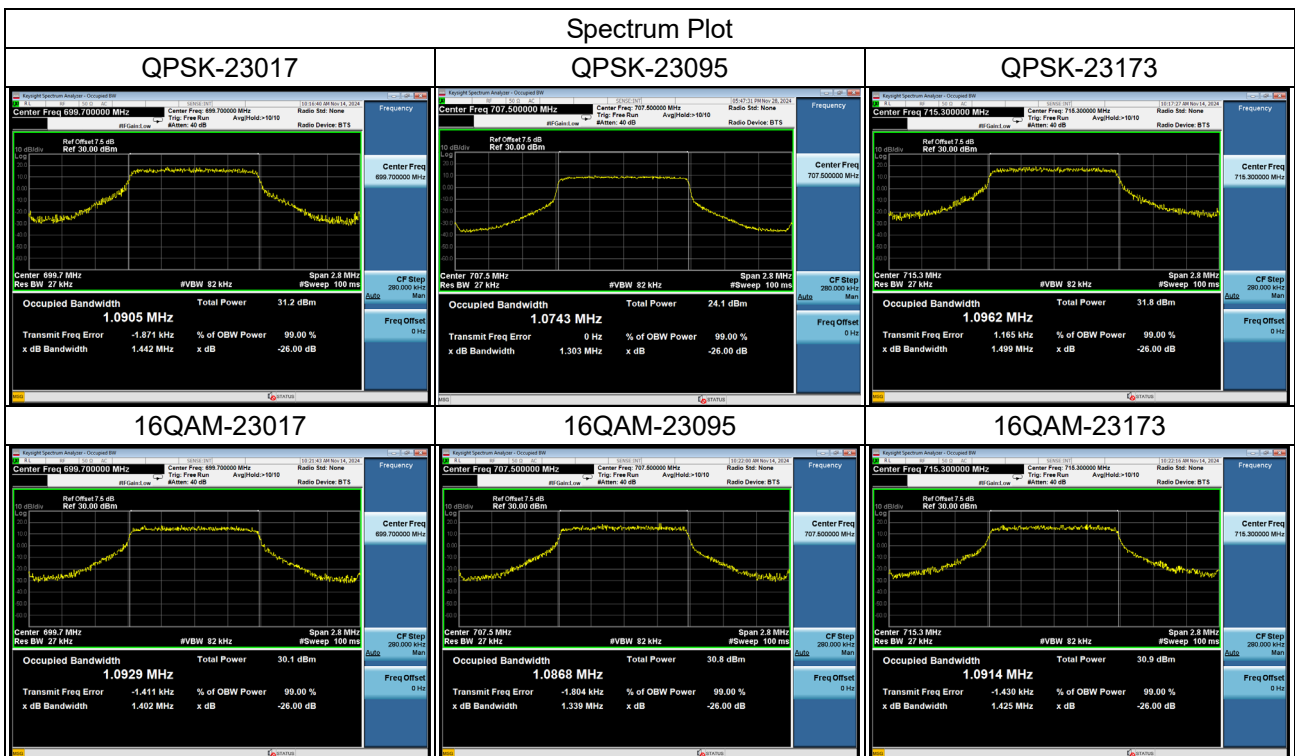
LTE Band 7_15MHz					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)		26dB Bandwidth (MHz)	
		QPSK	16QAM	QPSK	16QAM
20825	2507.5	13.559	5.9237	16.82	9.793
21100	2535	13.500	6.0791	16.52	10.05
21375	2562.5	13.535	5.6733	17.46	9.422



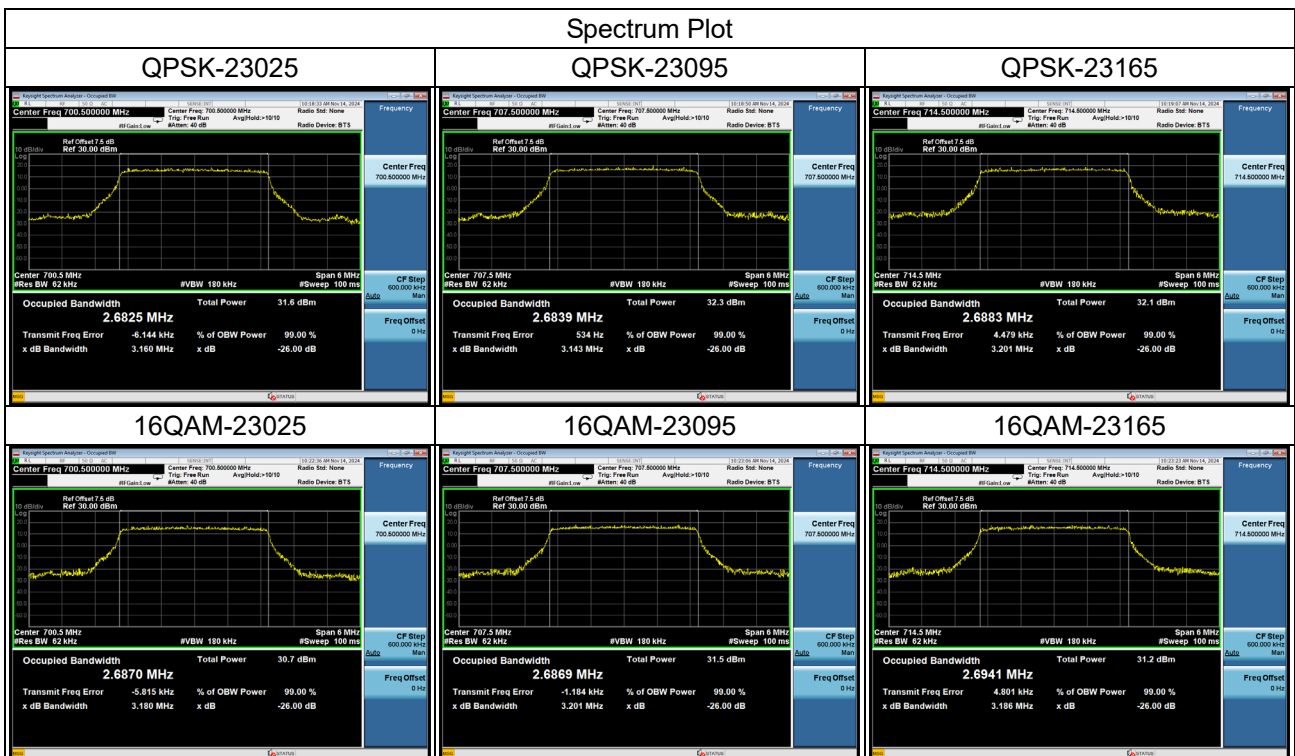
LTE Band 7_20MHz					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)		26dB Bandwidth (MHz)	
		QPSK	16QAM	QPSK	16QAM
20850	2510	18.020	7.7949	21.30	12.13
21100	2535	18.036	7.1696	21.35	11.07
21350	2560	17.994	6.6682	21.27	10.03



LTE Band 12_1.4MHz					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)		26dB Bandwidth (MHz)	
		QPSK	16QAM	QPSK	16QAM
23017	699.7	1.0905	1.0929	1.442	1.402
23095	707.5	1.0743	1.0868	1.303	1.339
23173	715.3	1.0962	1.0914	1.499	1.425



LTE Band 12_3MHz					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)		26dB Bandwidth (MHz)	
		QPSK	16QAM	QPSK	16QAM
23025	700.5	2.6825	2.6870	3.160	3.180
23095	707.5	2.6839	2.6869	3.143	3.201
23165	714.5	2.6883	2.6941	3.201	3.186



LTE Band 12_5MHz					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)		26dB Bandwidth (MHz)	
		QPSK	16QAM	QPSK	16QAM
23035	701.5	4.4898	4.4780	5.036	5.089
23095	707.5	4.4884	4.4761	5.100	5.100
23155	713.5	4.4942	4.4888	5.040	5.063

