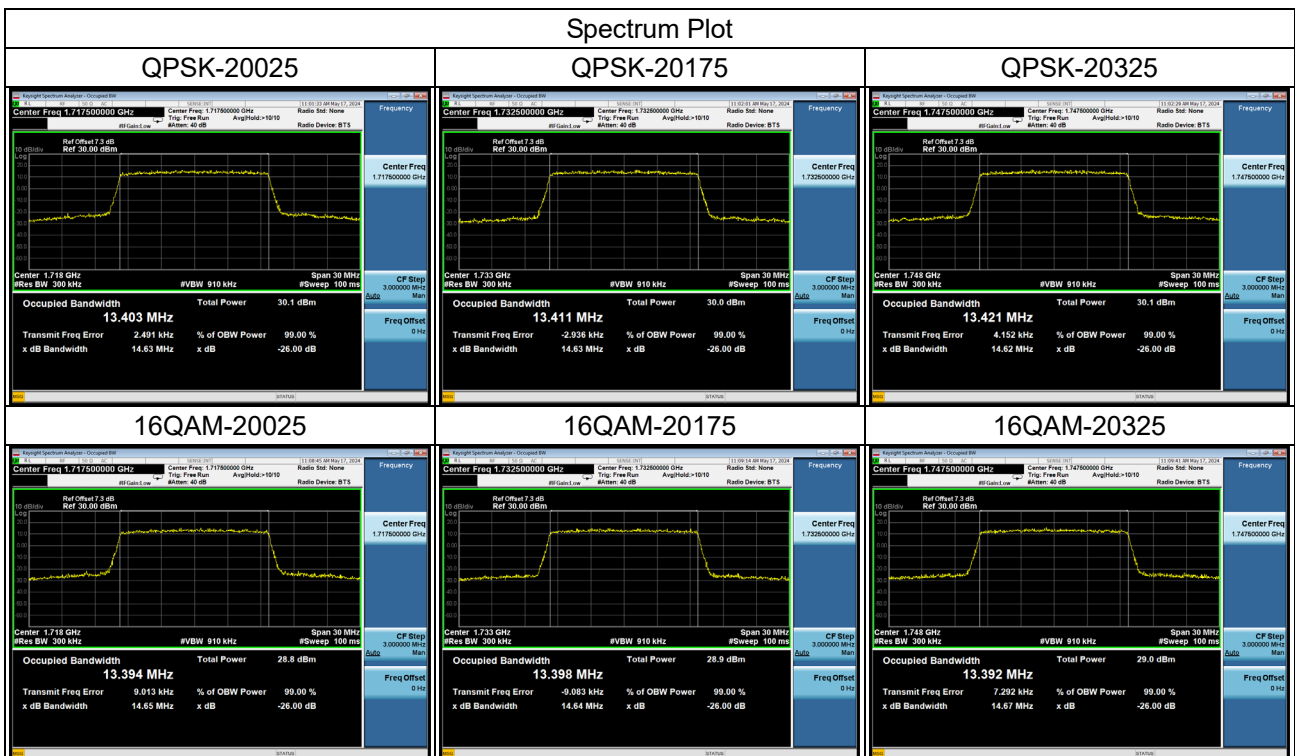
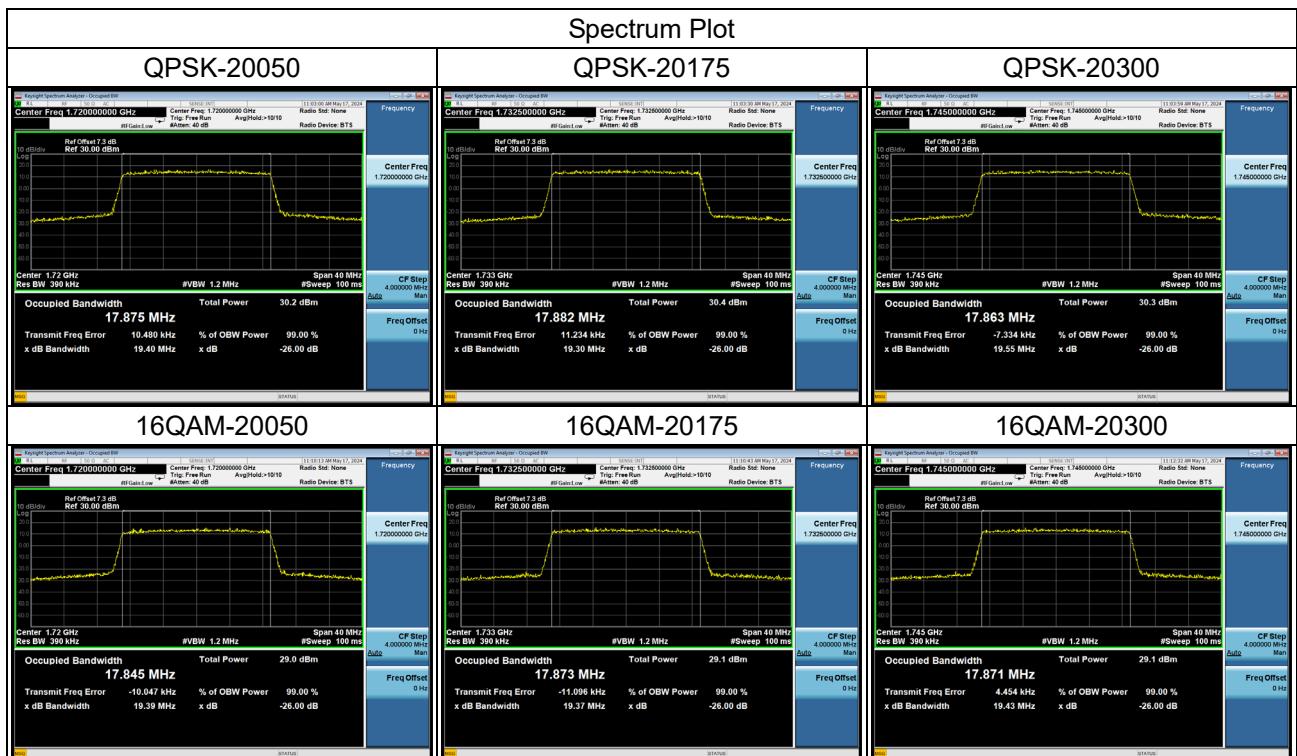


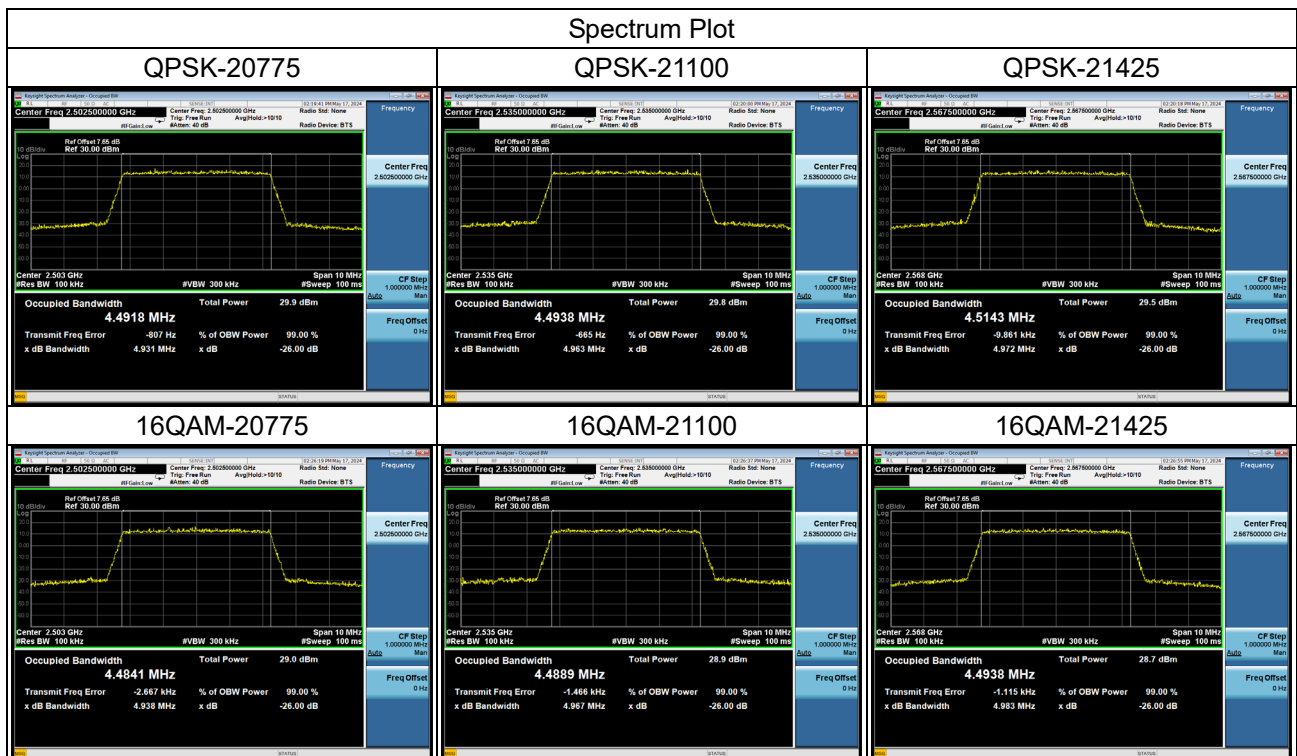
LTE Band 4_15MHz					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)		26dB Bandwidth (MHz)	
		QPSK	16QAM	QPSK	16QAM
20025	1717.5	13.403	13.394	14.63	14.65
20175	1732.5	13.411	13.398	14.63	14.64
20325	1747.5	13.421	13.392	14.62	14.67



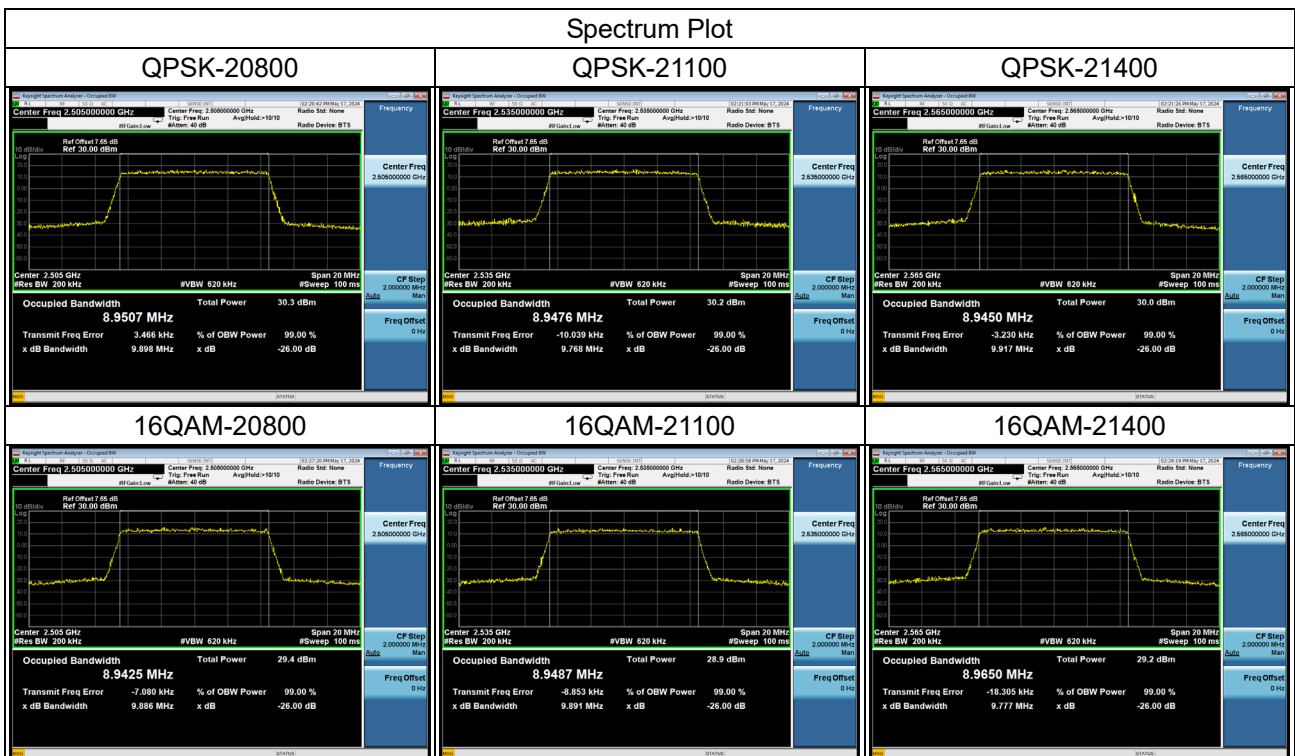
LTE Band 4_20MHz					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)		26dB Bandwidth (MHz)	
		QPSK	16QAM	QPSK	16QAM
20050	1720	17.875	17.845	19.40	19.39
20175	1732.5	17.882	17.873	19.30	19.37
20300	1740	17.863	17.871	19.55	19.43



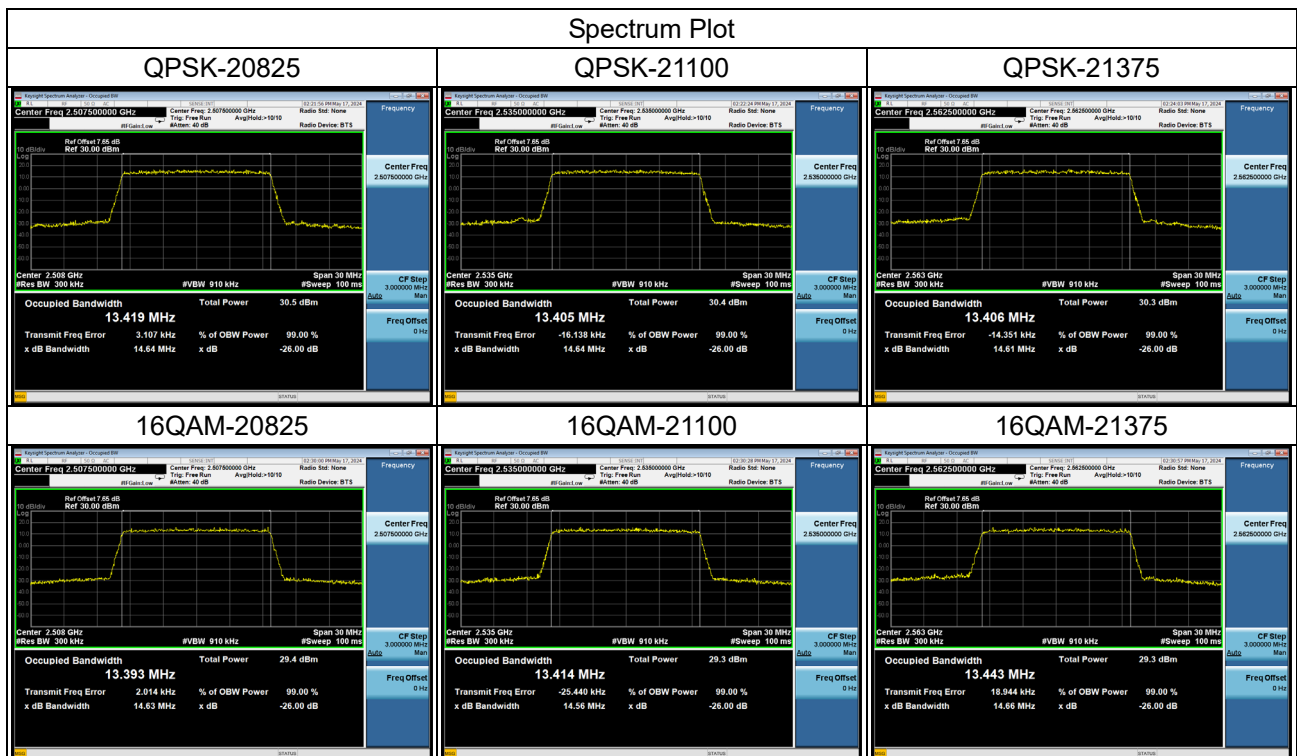
LTE Band 7_5MHz					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)		26dB Bandwidth (MHz)	
		QPSK	16QAM	QPSK	16QAM
20775	2502.5	4.4918	4.4841	4.931	4.938
21100	2535	4.4938	4.4889	4.963	4.967
21425	2567.5	4.5143	4.4938	4.972	4.983



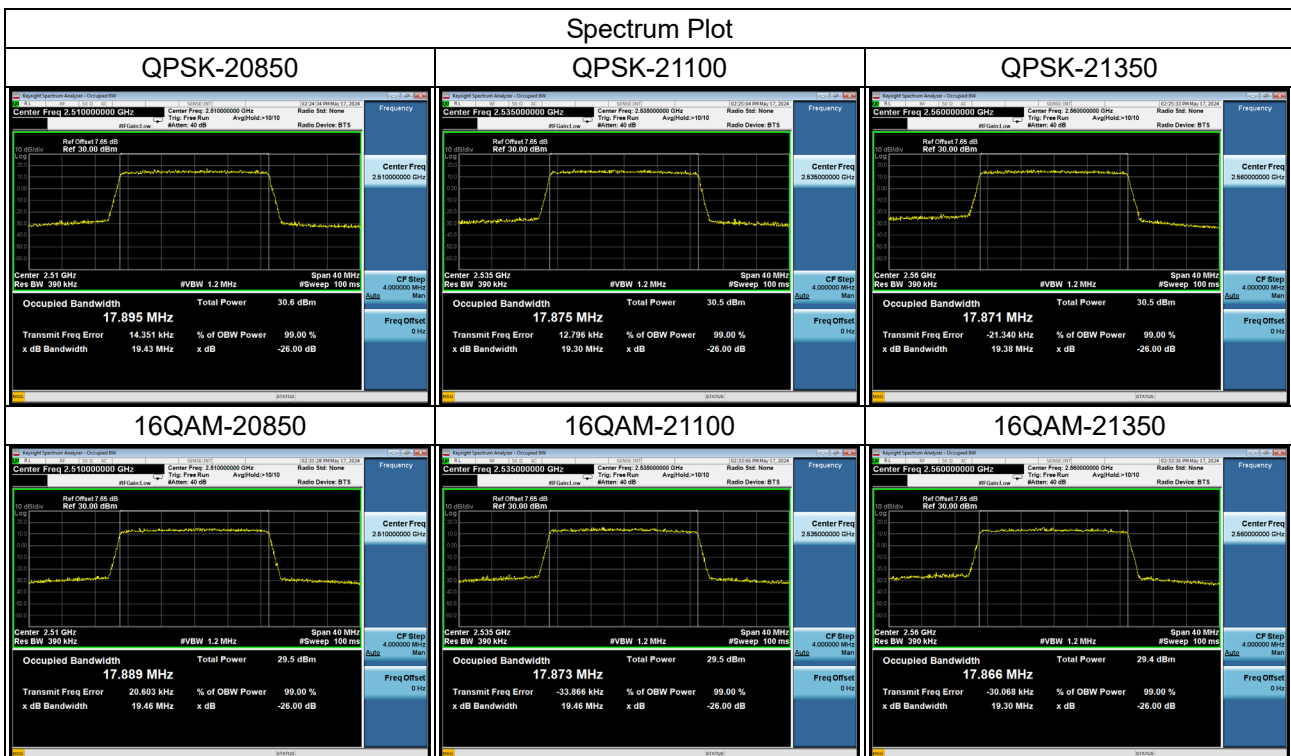
LTE Band 7_10MHz					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)		26dB Bandwidth (MHz)	
		QPSK	16QAM	QPSK	16QAM
20800	2505	8.9507	8.9425	9.898	9.886
21100	2535	8.9476	8.9487	9.768	9.891
21400	2565	8.9450	8.9650	9.917	9.777



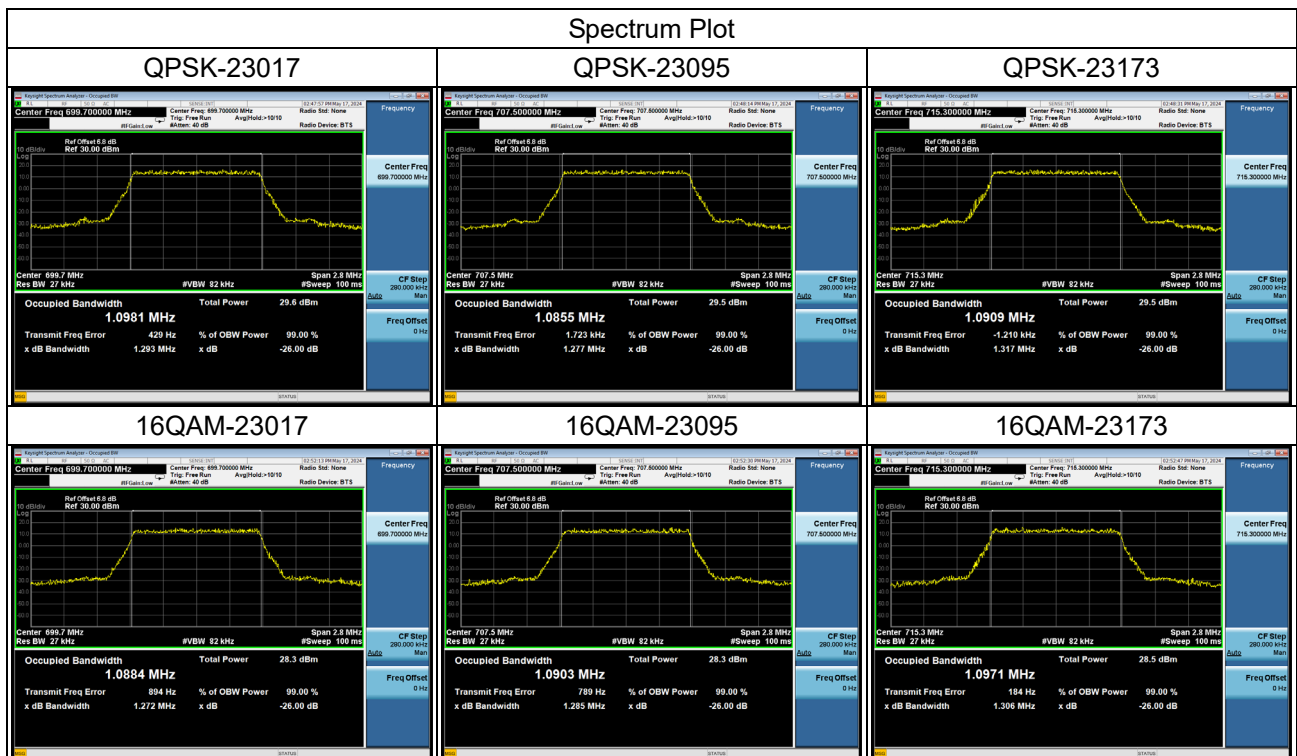
LTE Band 7_15MHz					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)		26dB Bandwidth (MHz)	
		QPSK	16QAM	QPSK	16QAM
20825	2507.5	13.419	13.393	14.64	14.63
21100	2535	13.405	13.414	14.64	14.56
21375	2562.5	13.406	13.443	14.61	14.66



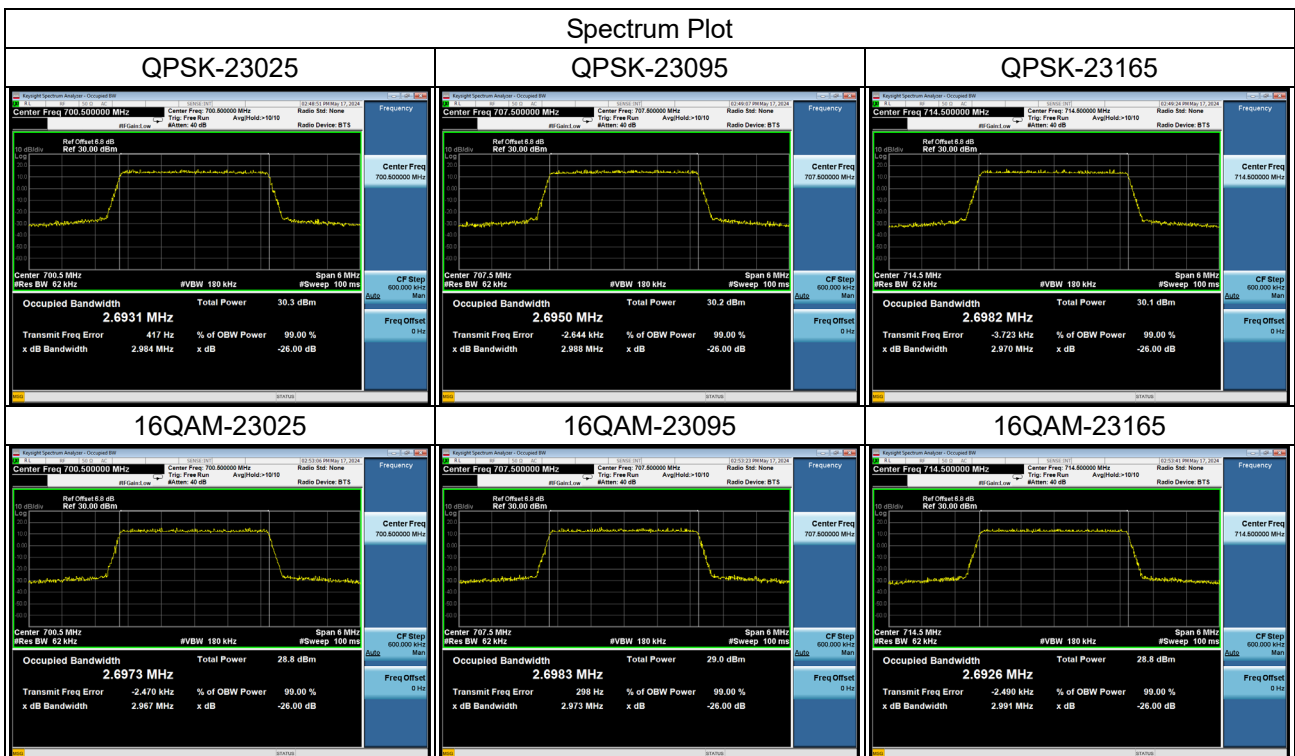
LTE Band 7_20MHz					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)		26dB Bandwidth (MHz)	
		QPSK	16QAM	QPSK	16QAM
20850	2510	17.895	17.889	19.43	19.46
21100	2535	17.875	17.873	19.30	19.46
21350	2560	17.871	17.866	19.38	19.30



LTE Band 12_1.4MHz					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)		26dB Bandwidth (MHz)	
		QPSK	16QAM	QPSK	16QAM
23017	699.7	1.0981	1.0884	1.293	1.272
23095	707.5	1.0855	1.0903	1.277	1.285
23173	715.3	1.0909	1.0971	1.317	1.306



LTE Band 12_3MHz					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)		26dB Bandwidth (MHz)	
		QPSK	16QAM	QPSK	16QAM
23025	700.5	2.6931	2.6973	2.984	2.967
23095	707.5	2.6950	2.6983	2.988	2.973
23165	714.5	2.6982	2.6926	2.970	2.991



LTE Band 12_5MHz					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)		26dB Bandwidth (MHz)	
		QPSK	16QAM	QPSK	16QAM
23035	701.5	4.4949	4.4923	4.972	4.963
23095	707.5	4.4983	4.4843	4.976	4.975
23155	713.5	4.4989	4.4923	4.942	4.942

