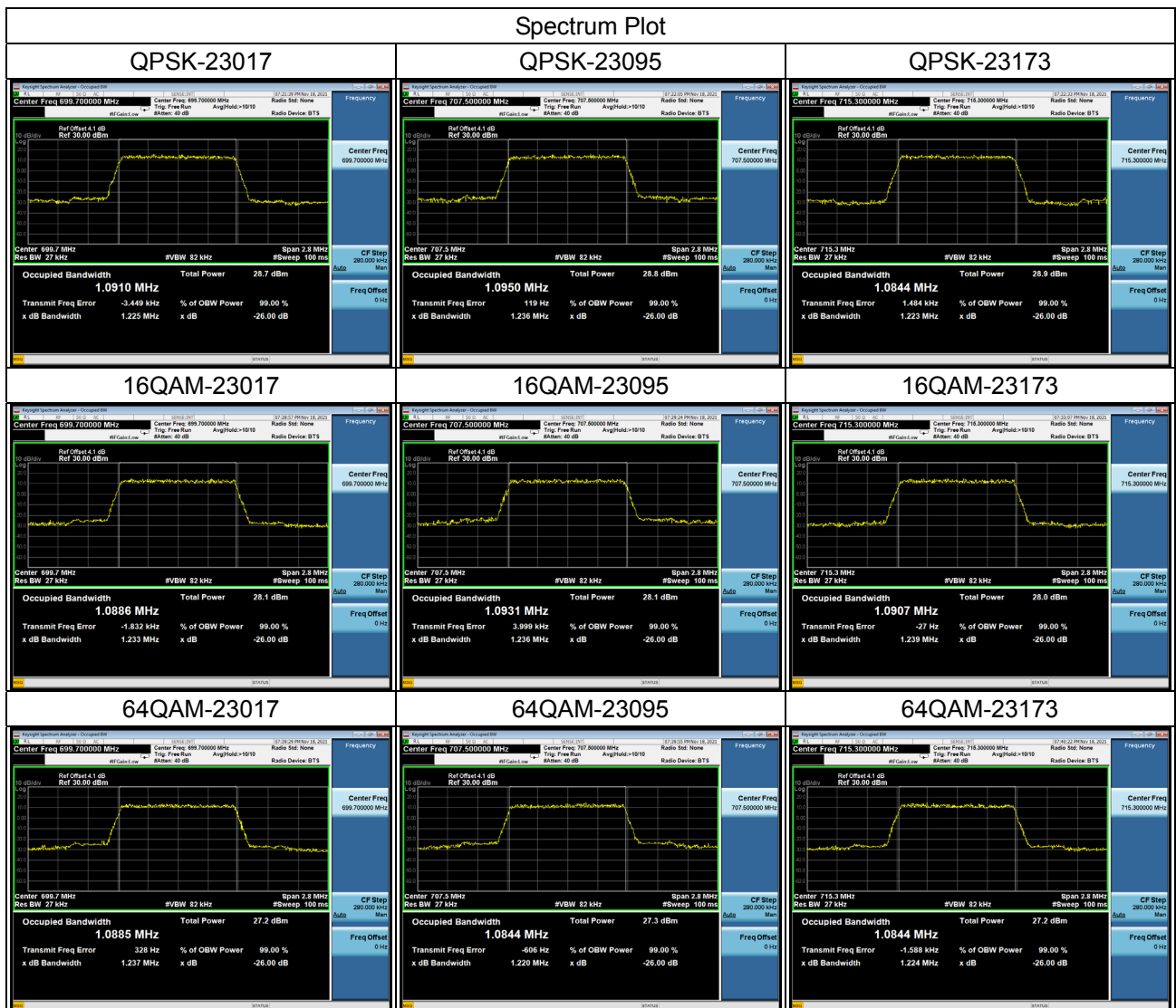
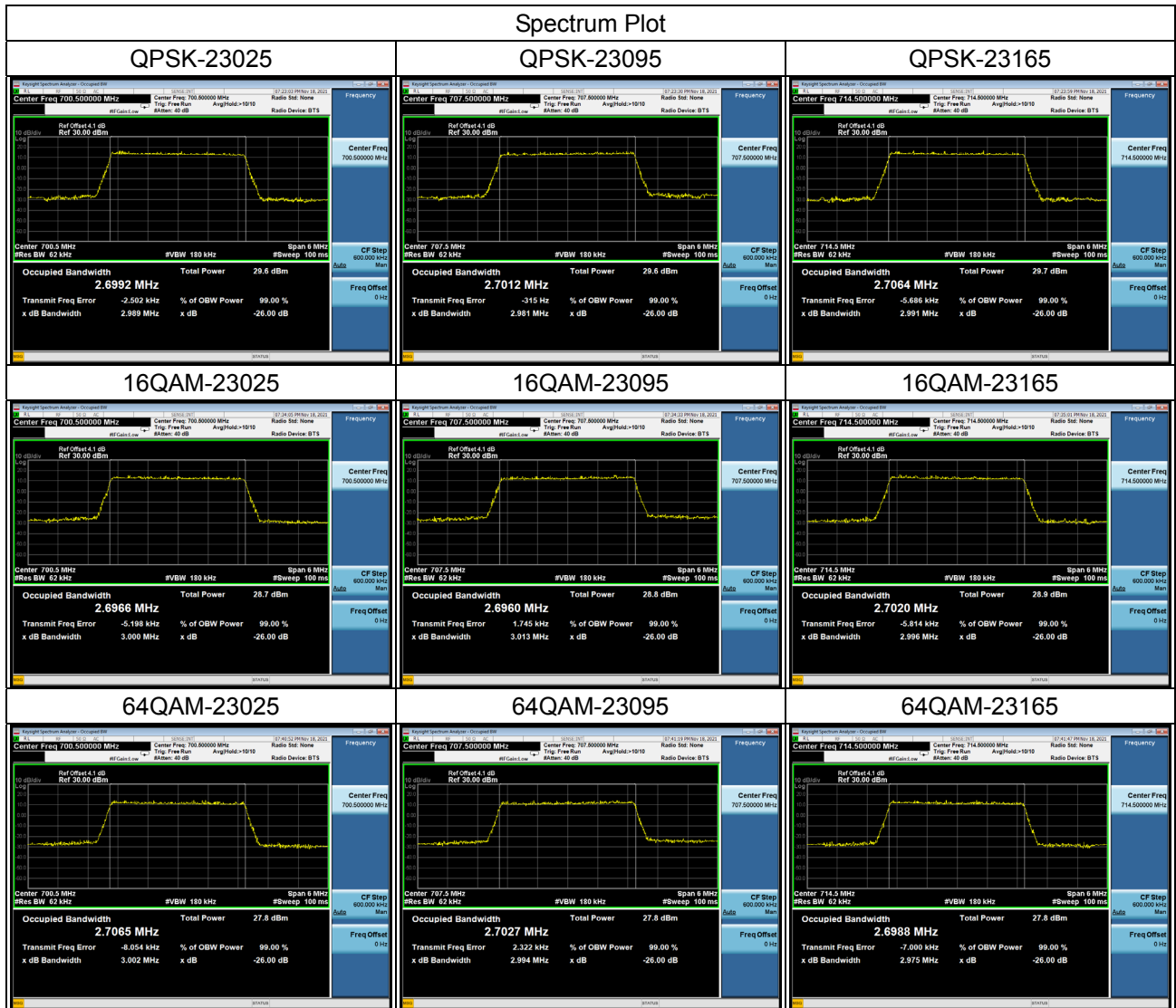


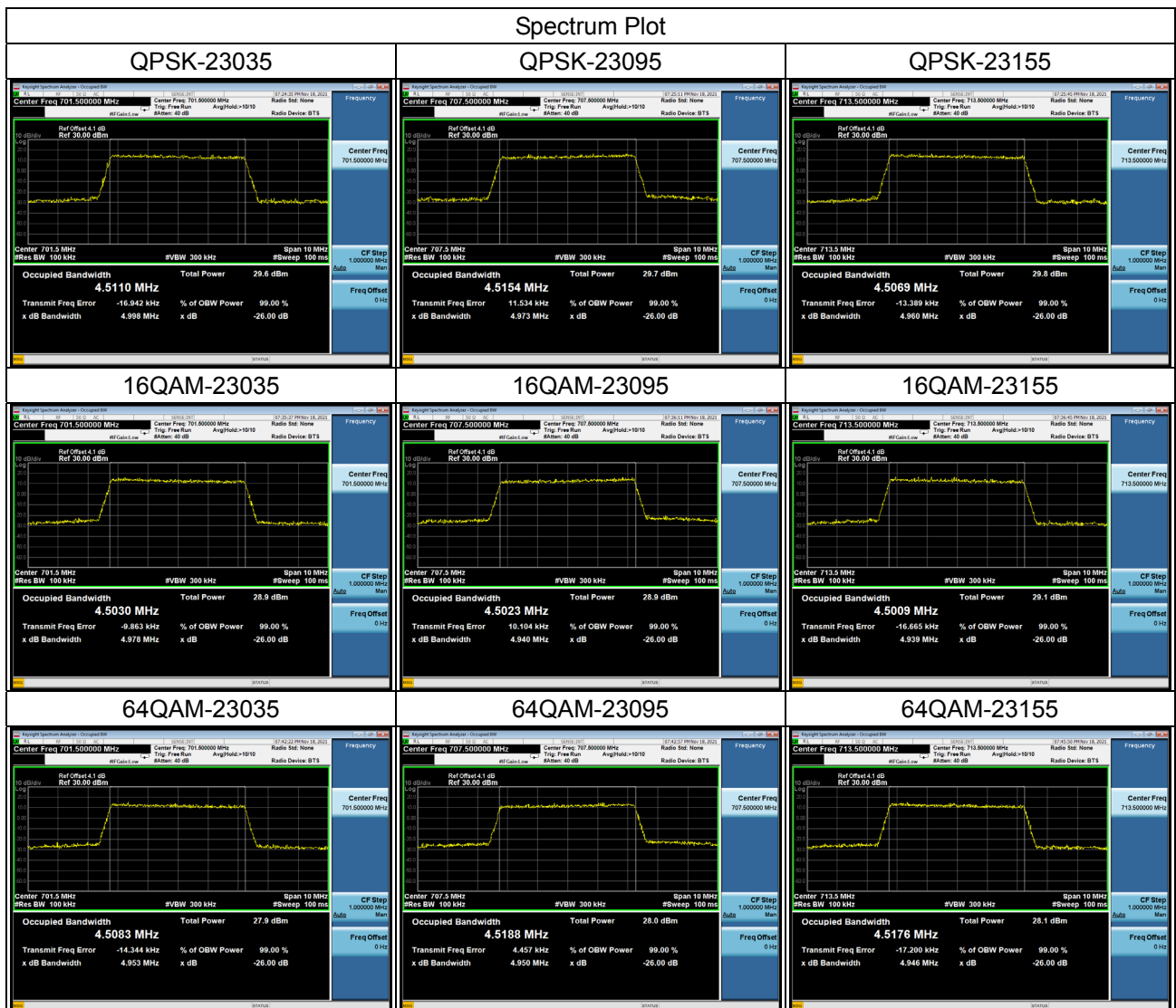
LTE Band 12_1.4MHz							
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)			26dB Bandwidth (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
23017	699.7	1.0910	1.0886	1.0885	1.225	1.233	1.237
23095	707.5	1.0950	1.0931	1.0844	1.236	1.236	1.220
23173	715.3	1.0844	1.0907	1.0844	1.223	1.239	1.224



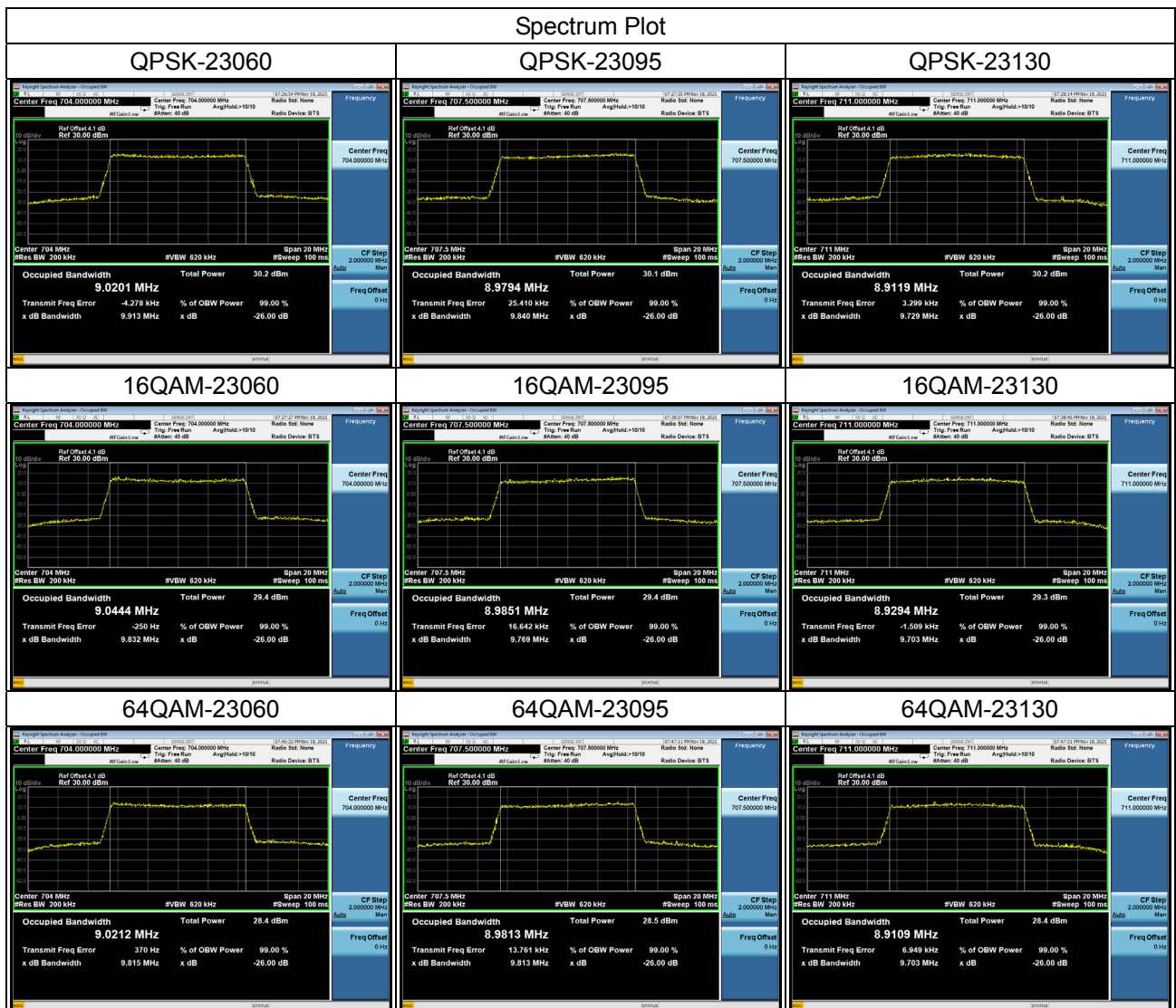
LTE Band 12_3MHz							
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)			26dB Bandwidth (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
23025	700.5	2.6992	2.6966	2.7065	2.989	3.000	3.002
23095	707.5	2.7012	2.6960	2.7027	2.981	3.013	2.994
23165	714.5	2.7064	2.7020	2.6988	2.991	2.996	2.975



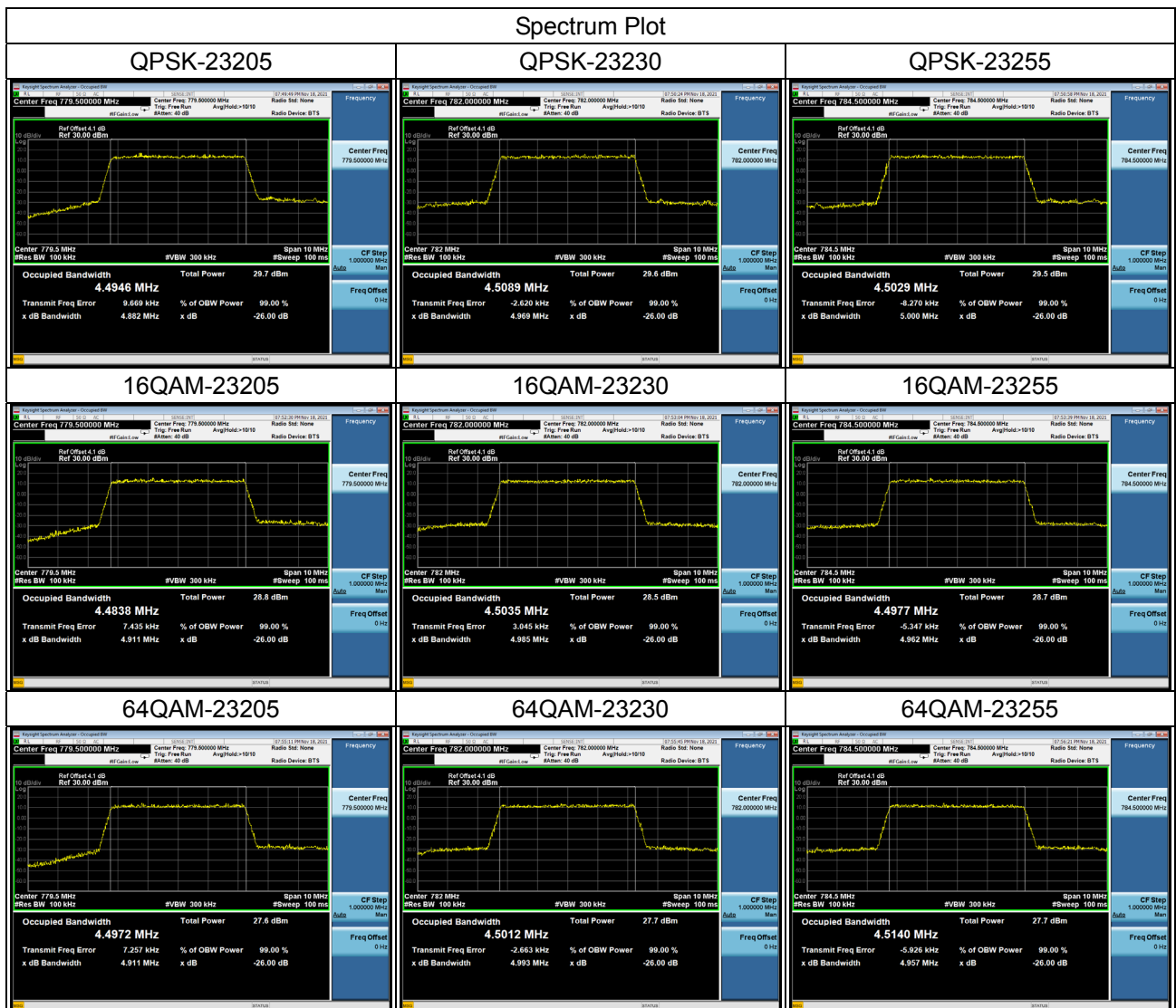
LTE Band 12_5MHz							
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)			26dB Bandwidth (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
23035	701.5	4.5110	4.5030	4.5083	4.998	4.978	4.953
23095	707.5	4.5154	4.5023	4.5188	4.973	4.940	4.950
23155	713.5	4.5069	4.5009	4.5176	4.960	4.939	4.946



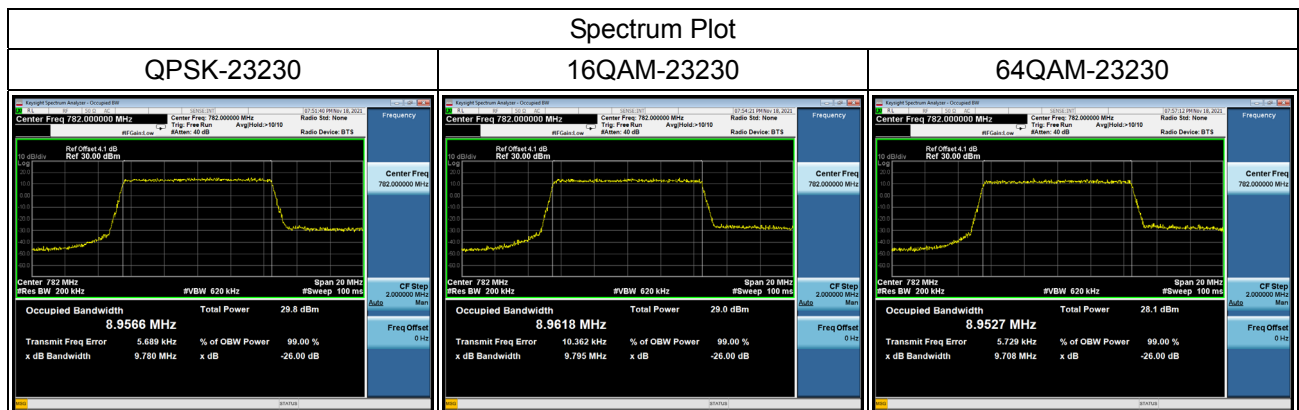
LTE Band 12_10MHz							
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)			26dB Bandwidth (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
23060	704.0	9.0201	9.0444	9.0212	9.913	9.832	9.815
23095	707.5	8.9794	8.9851	8.9813	9.840	9.769	9.813
23130	711.0	8.9119	8.9294	8.9109	9.729	9.703	9.703



LTE Band 13_5MHz							
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)			26dB Bandwidth (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
23205	779.5	4.4946	4.4838	4.4972	4.882	4.911	4.911
23230	782.0	4.5089	4.5035	4.5012	4.969	4.985	4.993
23255	784.5	4.5029	4.4977	4.5140	5.000	4.962	4.957



LTE Band 13_10MHz							
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)			26dB Bandwidth (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
23230	782.0	8.9566	8.9618	8.9527	9.780	9.795	9.708



LTE Band 17_5MHz							
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)			26dB Bandwidth (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
23755	706.5	4.5187	4.5074	4.5148	4.942	4.961	4.980
23790	710	4.5148	4.4947	4.4978	4.937	4.917	4.958
23825	713.5	4.5042	4.4994	4.5202	4.936	4.966	4.982

