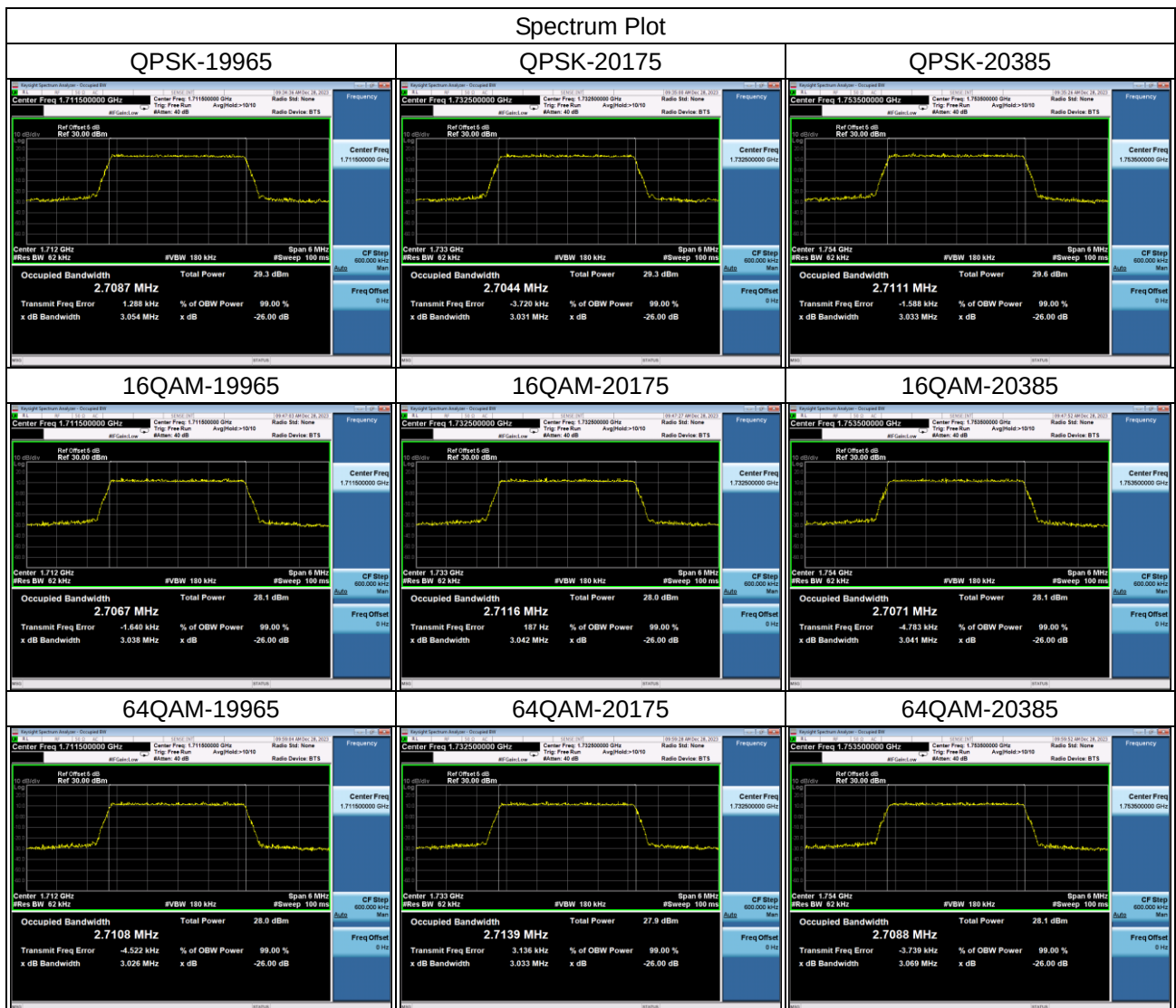
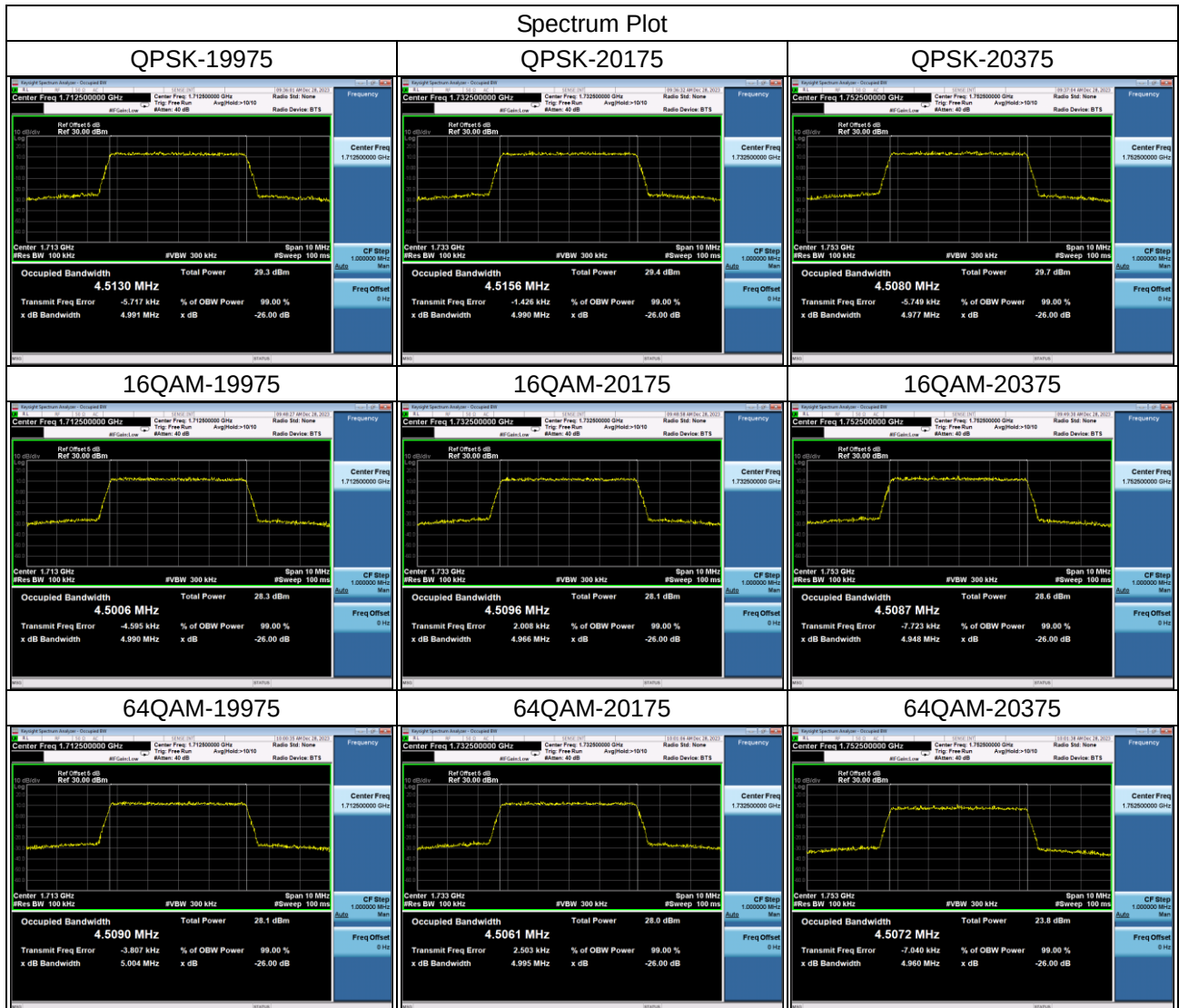


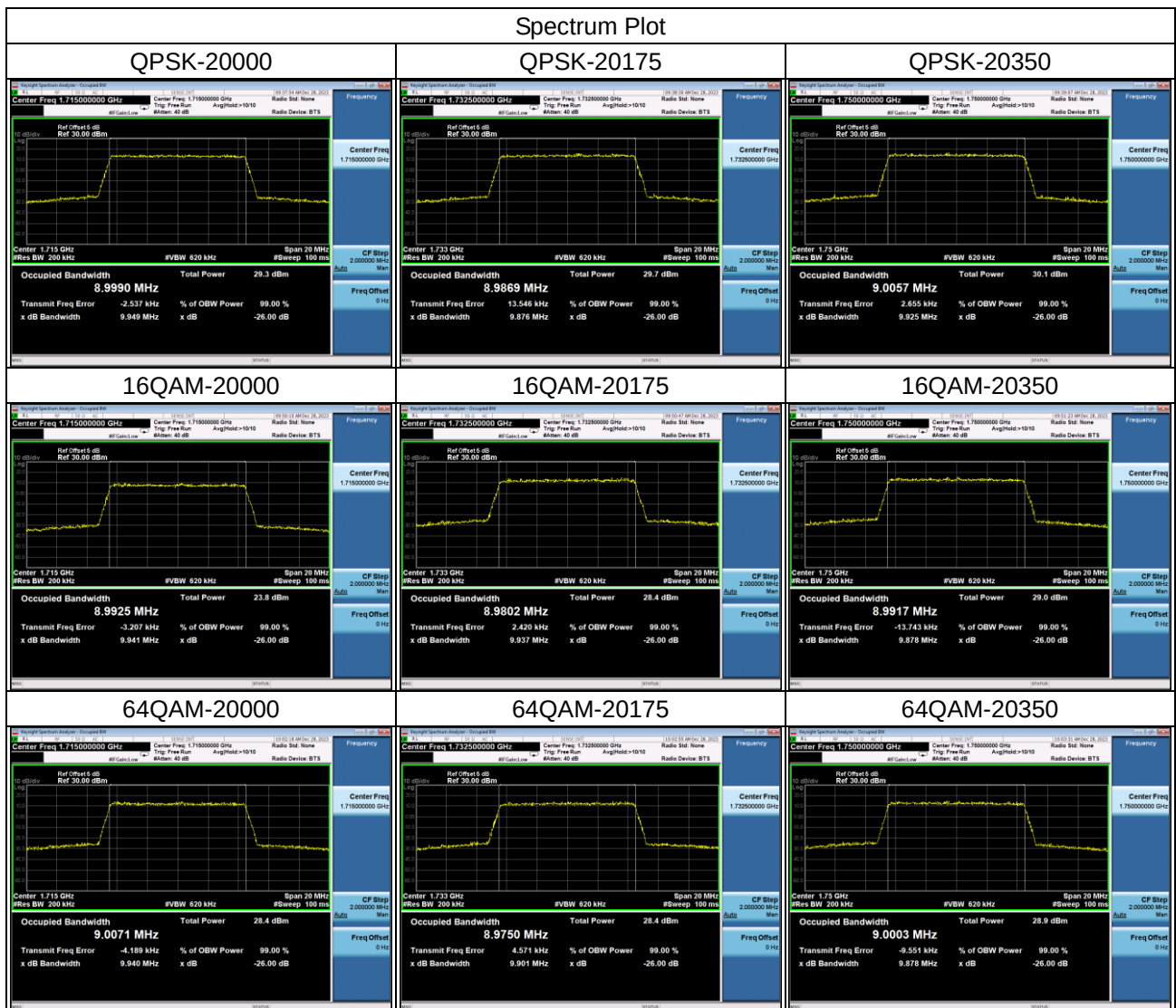
LTE Band 4_3MHz							
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)			26dB Bandwidth (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
19965	1711.5	2.7087	2.7067	2.7108	3.054	3.038	3.026
20175	1732.5	2.7044	2.7116	2.7139	3.031	3.042	3.033
20385	1753.5	2.7111	2.7071	2.7088	3.033	3.041	3.069



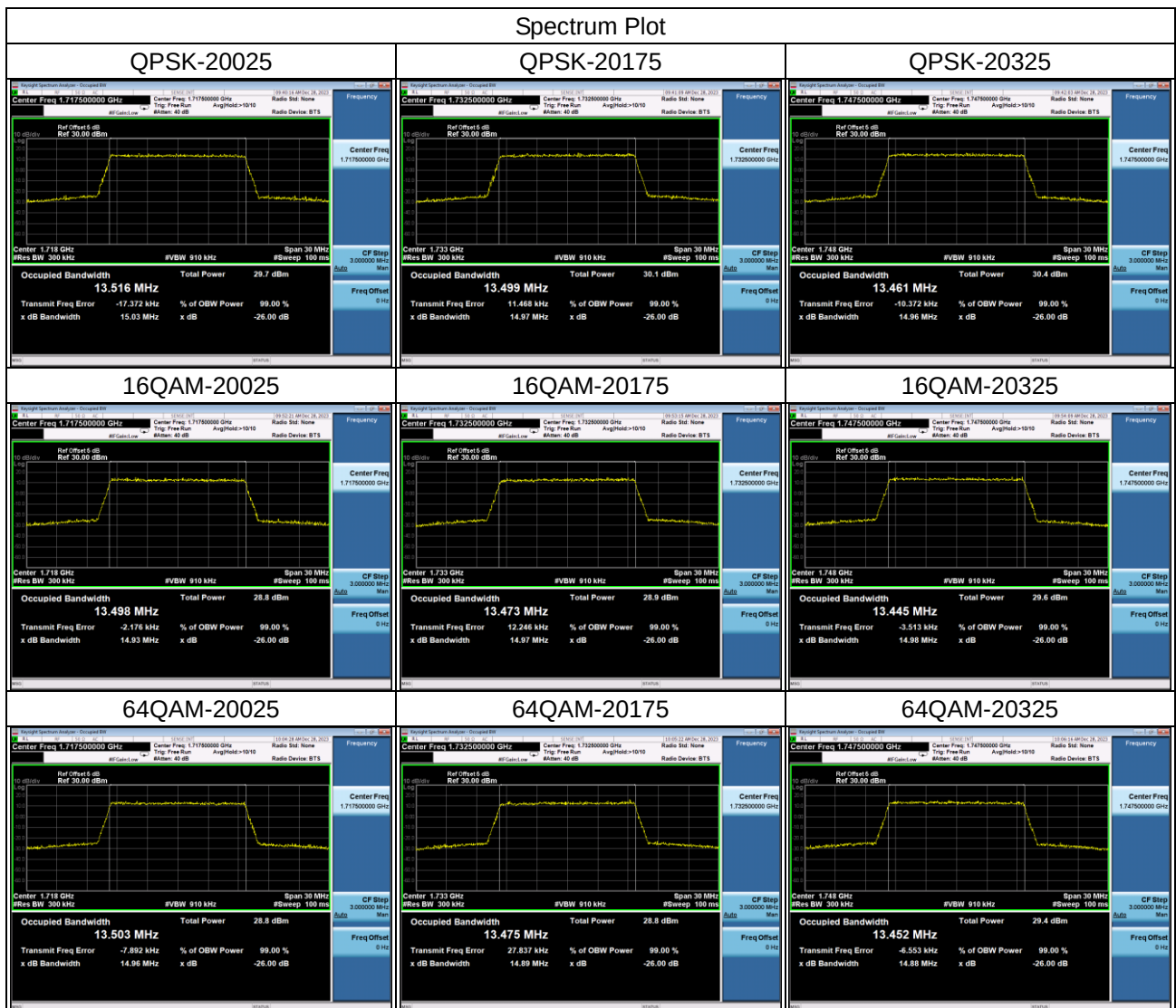
LTE Band 4_5MHz							
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)			26dB Bandwidth (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
19975	1712.5	4.5130	4.5006	4.5090	4.991	4.990	5.004
20175	1732.5	4.5156	4.5096	4.5061	4.990	4.966	4.995
20375	1752.5	4.5080	4.5087	4.5072	4.977	4.948	4.960



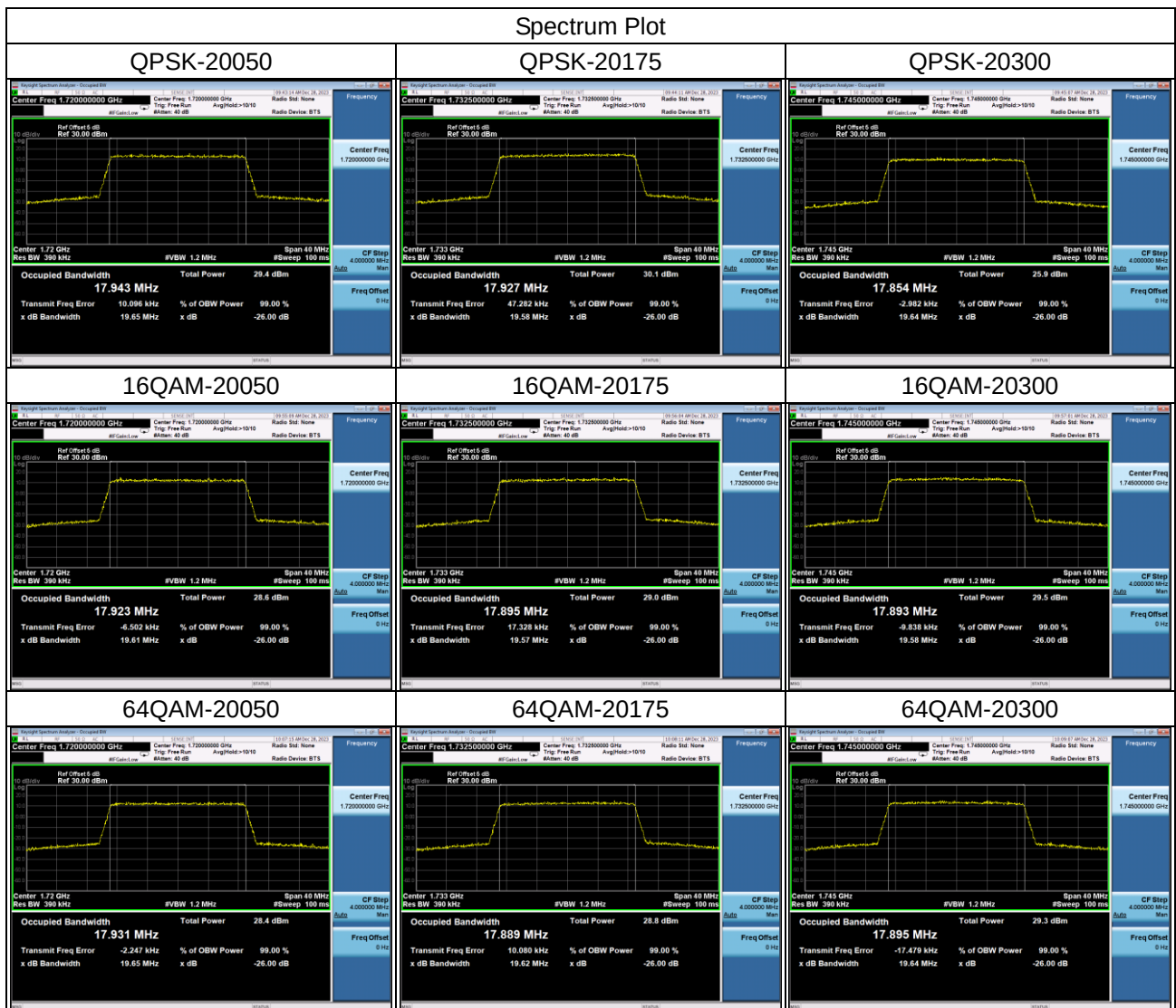
LTE Band 4_10MHz							
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)			26dB Bandwidth (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20000	1715	8.9990	8.9925	9.0071	9.949	9.941	9.940
20175	1732.5	8.9869	8.9802	8.9750	9.876	9.937	9.901
20350	1715	9.0057	8.9917	9.0003	9.925	9.878	9.878



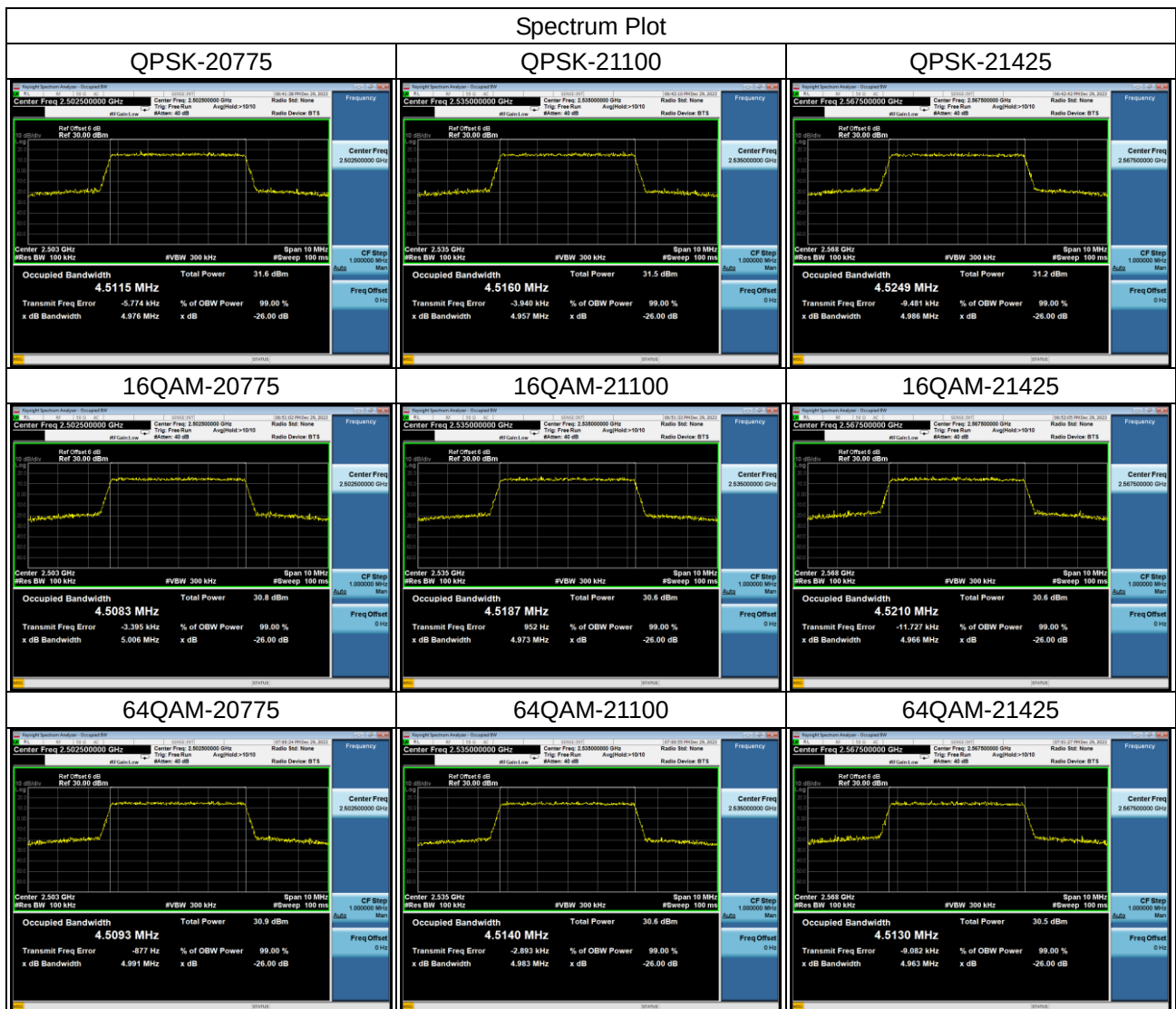
LTE Band 4_15MHz							
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)			26dB Bandwidth (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20025	1717.5	13.516	13.498	13.503	15.03	14.93	14.96
20175	1732.5	13.499	13.473	13.475	14.97	14.97	14.89
20325	1747.5	13.461	13.445	13.452	14.96	14.98	14.88



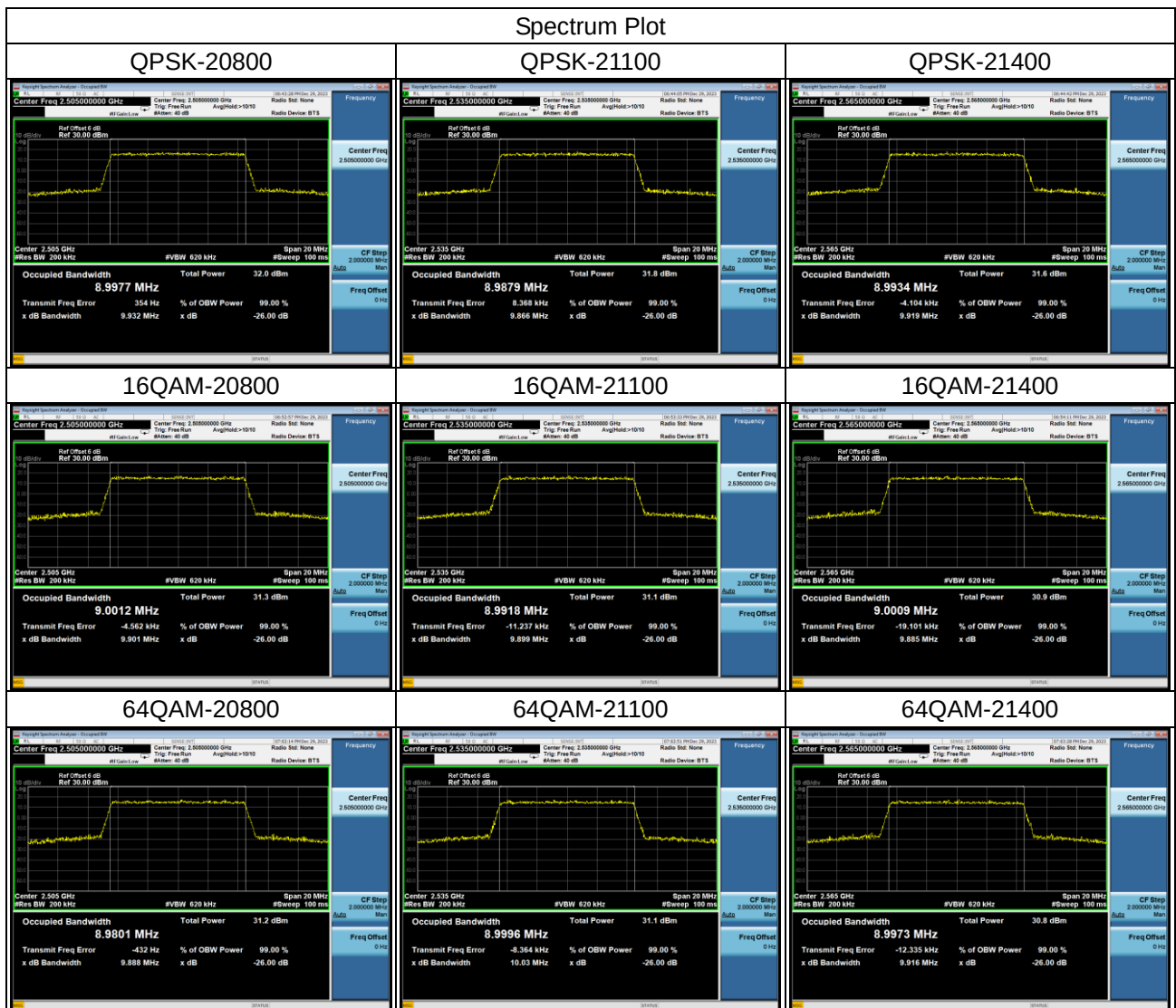
LTE Band 4_20MHz							
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)			26dB Bandwidth (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20050	1720	17.943	17.923	17.931	19.65	19.61	19.65
20175	1732.5	17.927	17.895	17.889	19.58	19.57	19.62
20300	1740	17.854	17.893	17.895	19.64	19.58	19.64



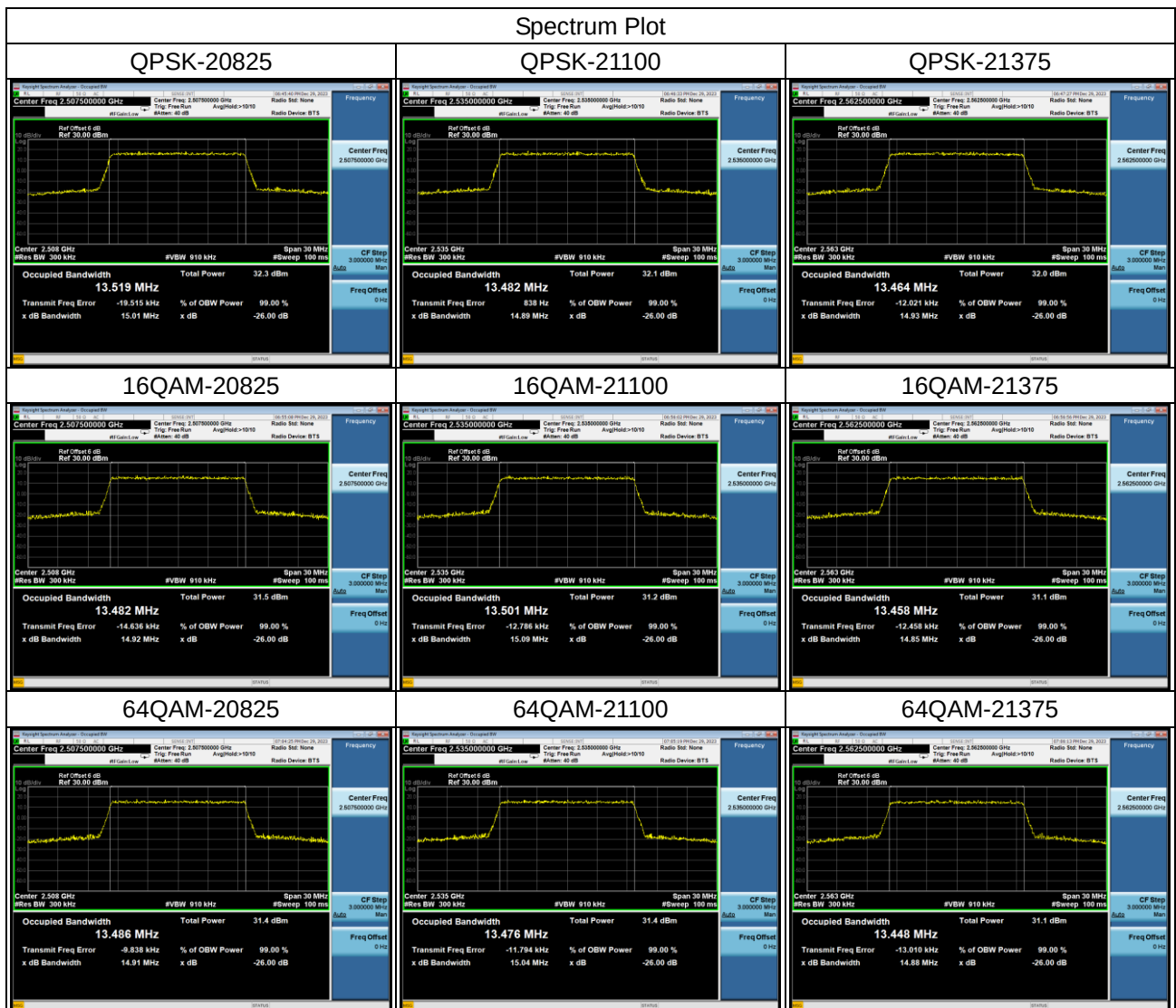
LTE Band 7_5MHz							
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)			26dB Bandwidth (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20775	2502.5	4.5115	4.5083	4.5093	4.976	5.006	4.991
21100	2535	4.5160	4.5187	4.5140	4.957	4.973	4.983
21425	2567.5	4.5249	4.5210	4.5130	4.986	4.966	4.963



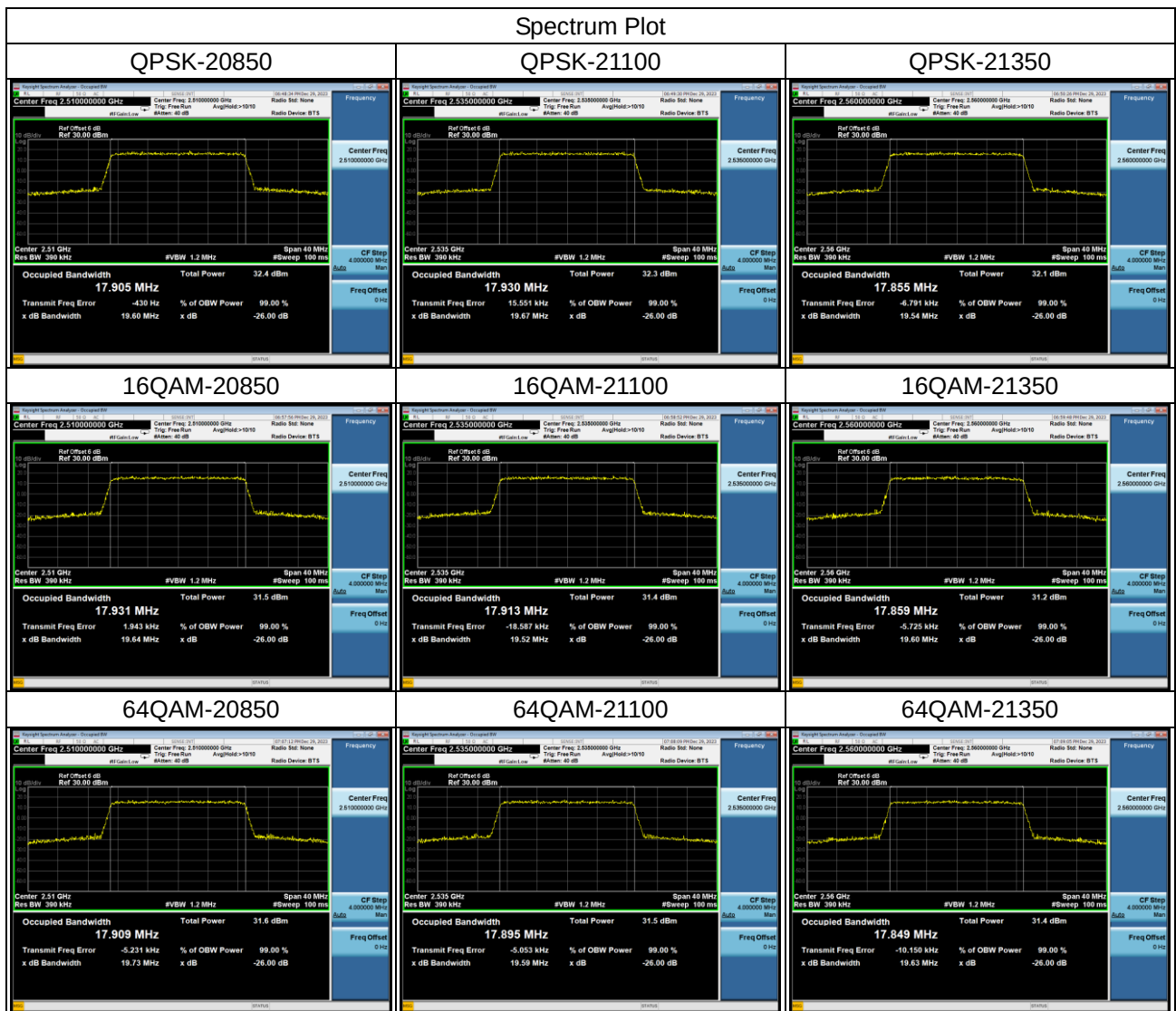
LTE Band 7_10MHz							
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)			26dB Bandwidth (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20800	2505	8.9977	9.0012	8.9801	9.932	9.901	9.888
21100	2535	8.9879	8.9918	8.9996	9.866	9.899	10.03
21400	2565	8.9934	9.0009	8.9973	9.919	9.885	9.916



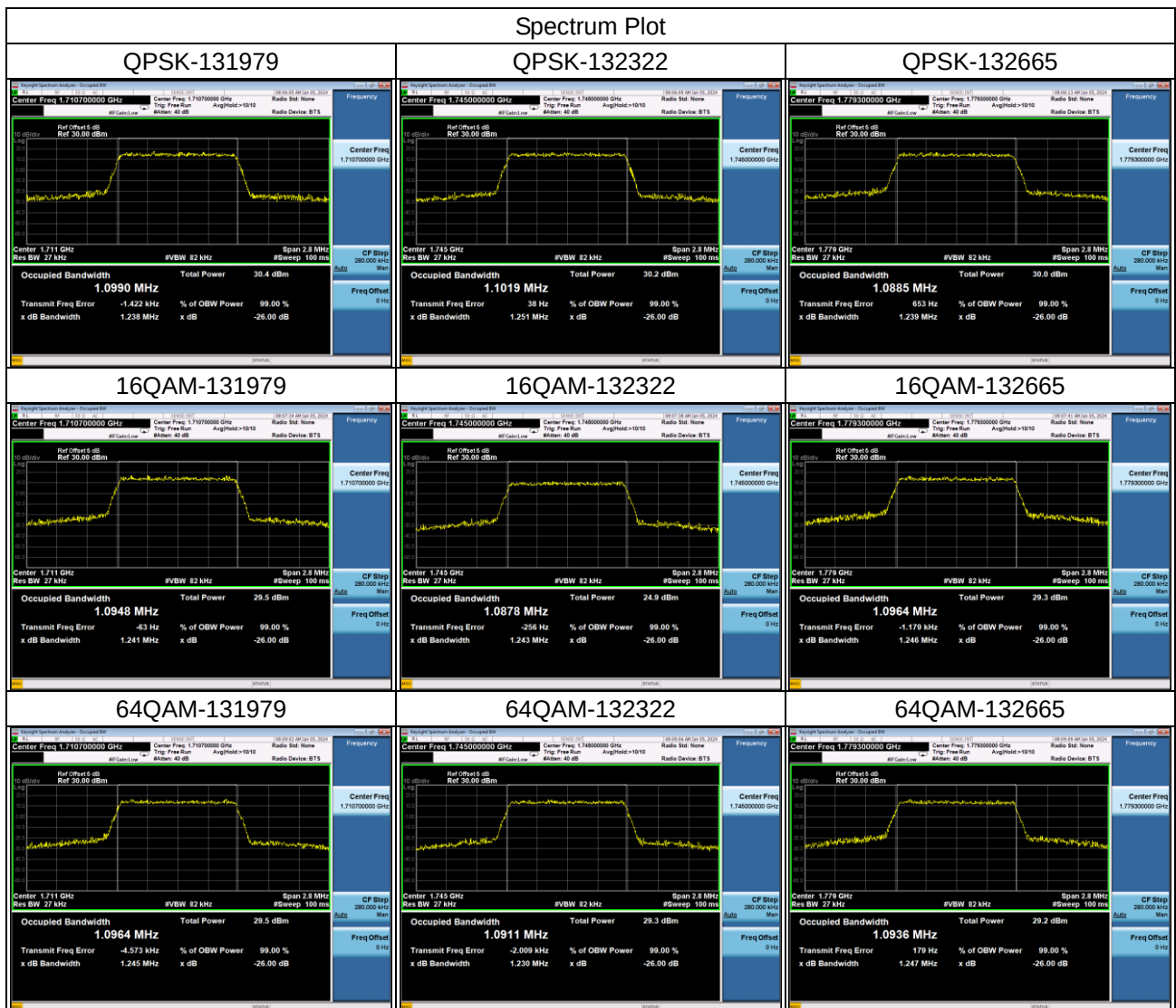
LTE Band 7_15MHz							
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)			26dB Bandwidth (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20825	2507.5	13.519	13.482	13.486	15.01	14.92	14.91
21100	2535	13.482	13.501	13.476	14.89	15.09	15.04
21375	2562.5	13.464	13.458	13.448	14.93	14.85	14.88



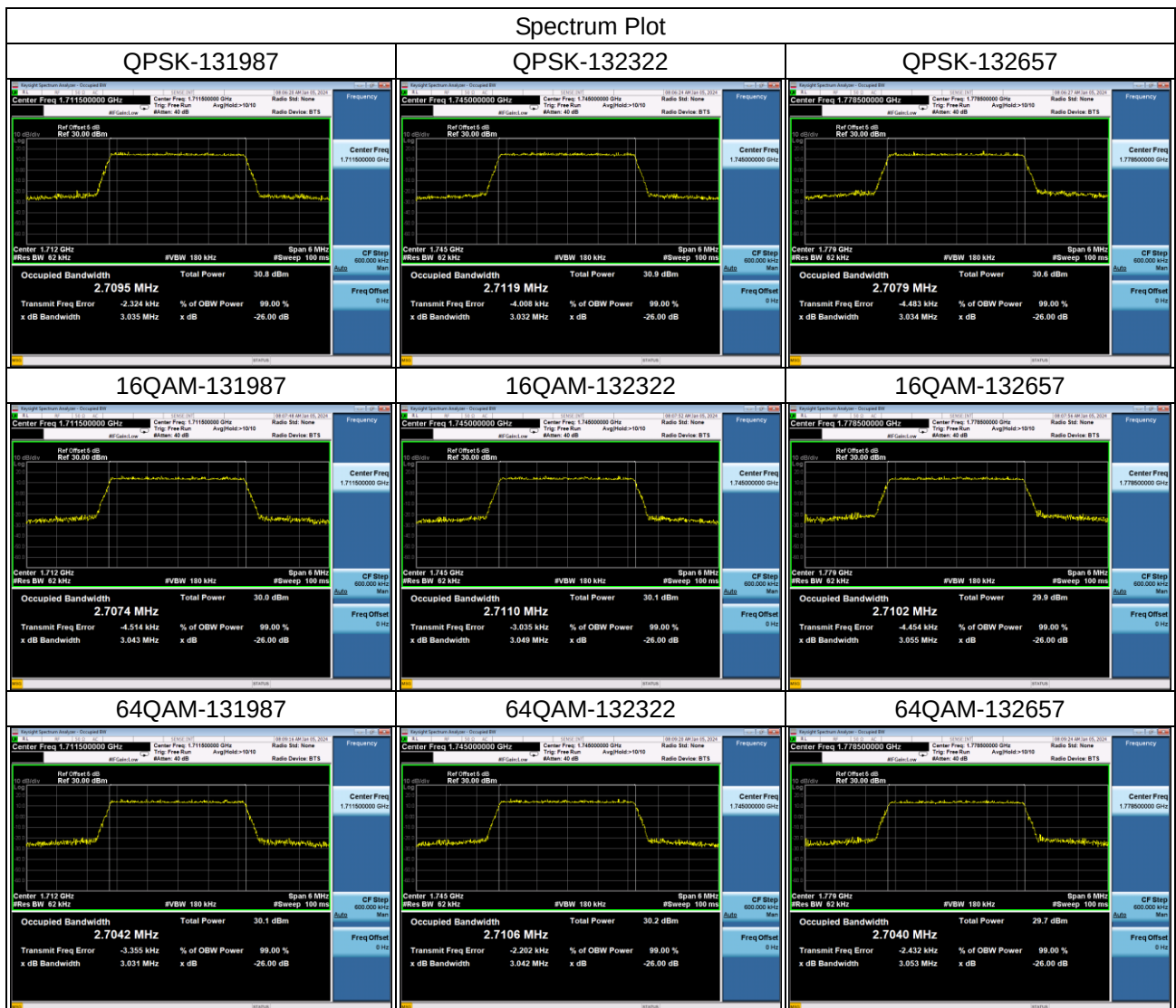
LTE Band 7_20MHz							
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)			26dB Bandwidth (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20850	2510	17.905	17.931	17.909	19.60	19.64	19.73
21100	2535	17.930	17.913	17.895	19.67	19.52	19.59
21350	2560	17.855	17.859	17.849	19.54	19.60	19.63



LTE Band 66_1.4MHz							
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)			26dB Bandwidth (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
131979	1710.7	1.0990	1.0948	1.0964	1.238	1.241	1.245
132322	1745	1.1019	1.0878	1.0911	1.251	1.243	1.230
132665	1779.3	1.0885	1.0964	1.0936	1.230	1.246	1.247



LTE Band 66_3MHz							
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)			26dB Bandwidth (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
131987	1711.5	2.7095	2.7074	2.7042	3.035	3.043	3.031
132322	1745	2.7119	2.7110	2.7106	3.032	3.049	3.042
132657	1778.5	2.7079	2.7102	2.7040	3.034	3.055	3.053



LTE Band 66_5MHz							
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)			26dB Bandwidth (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
131997	1712.5	4.5215	4.5154	4.5102	4.986	4.983	4.984
132322	1745	4.5190	4.5035	4.5144	4.974	4.961	4.981
132647	1777.5	4.5125	4.4948	4.5109	4.947	4.962	4.930

