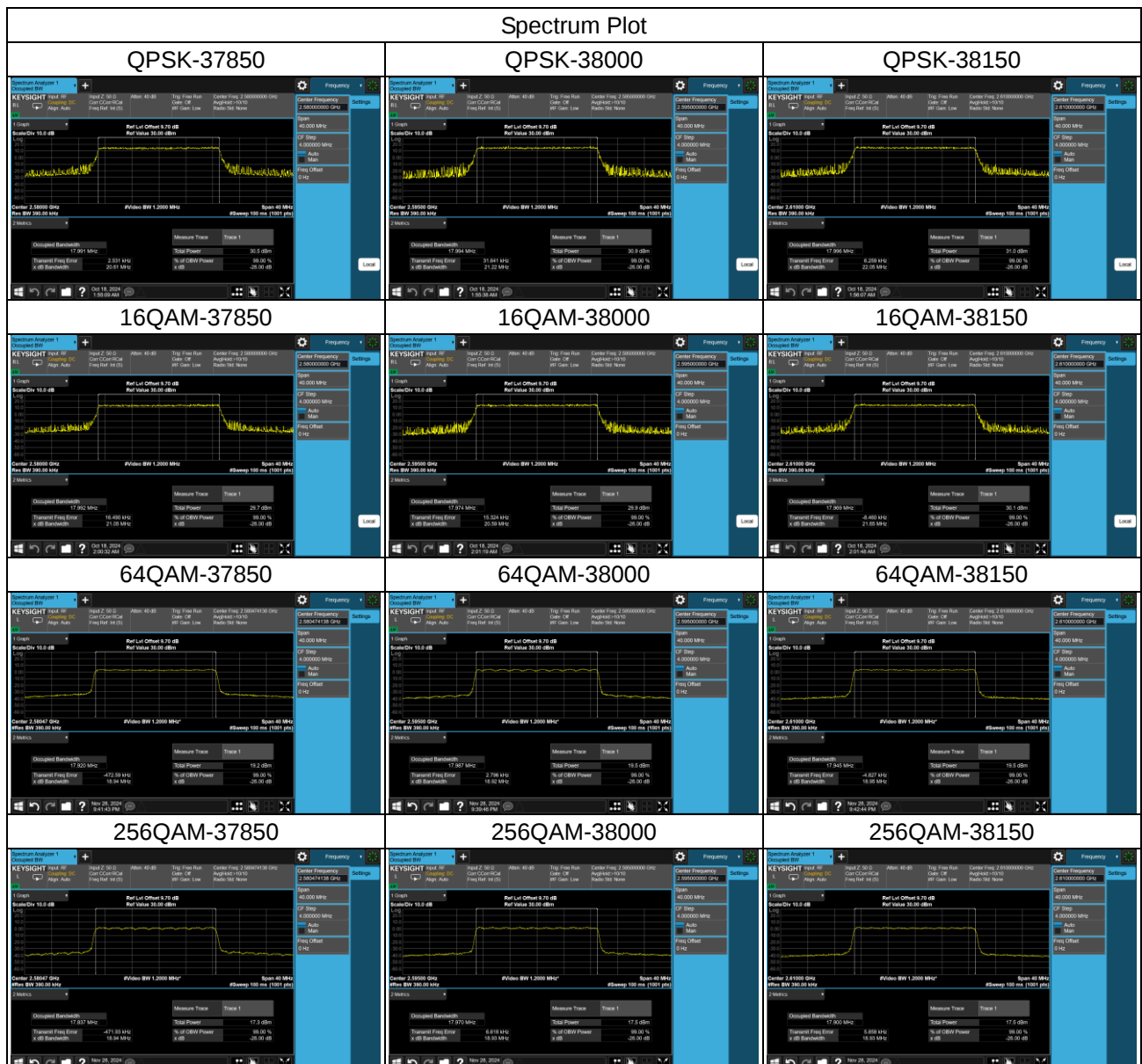
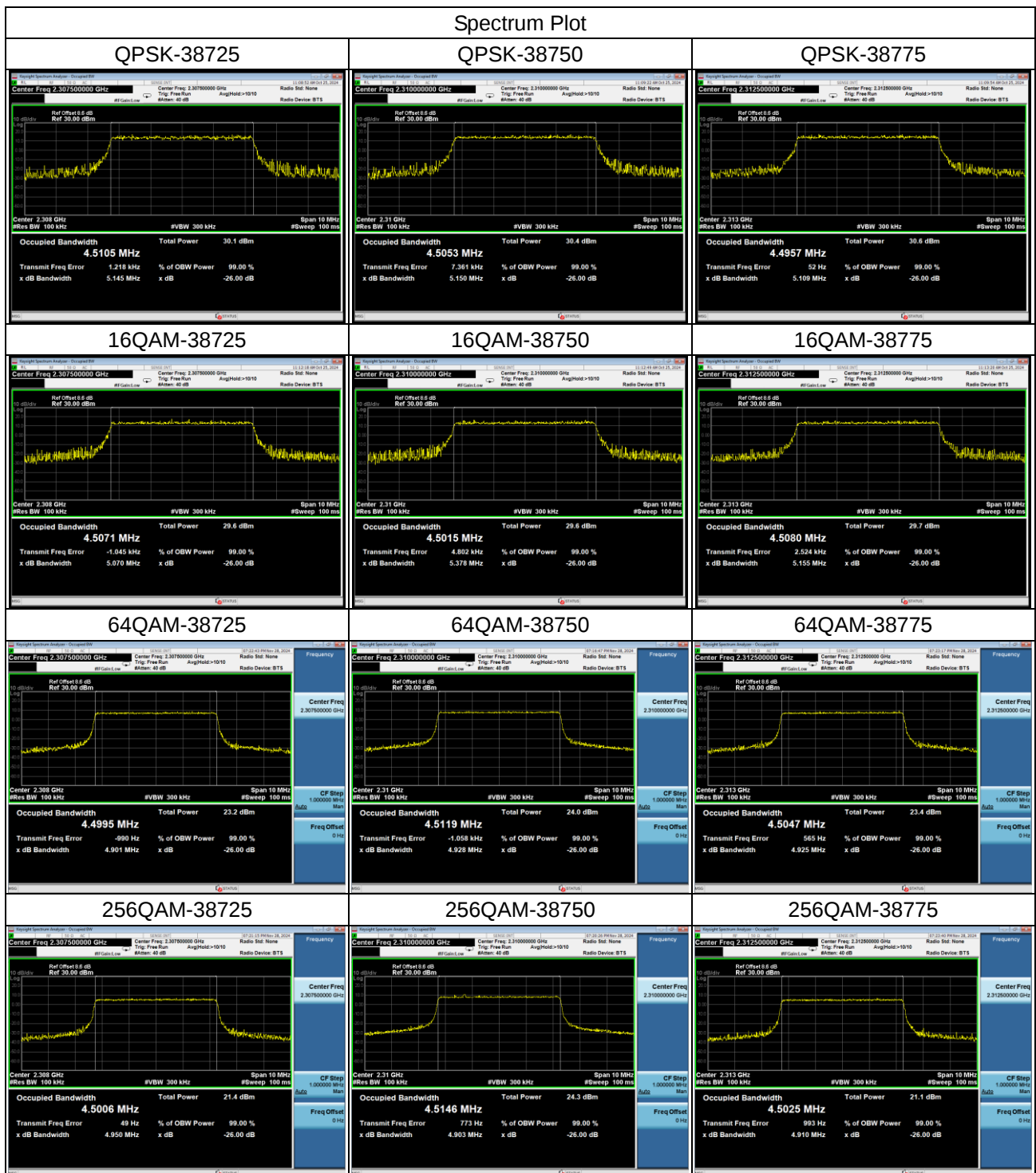


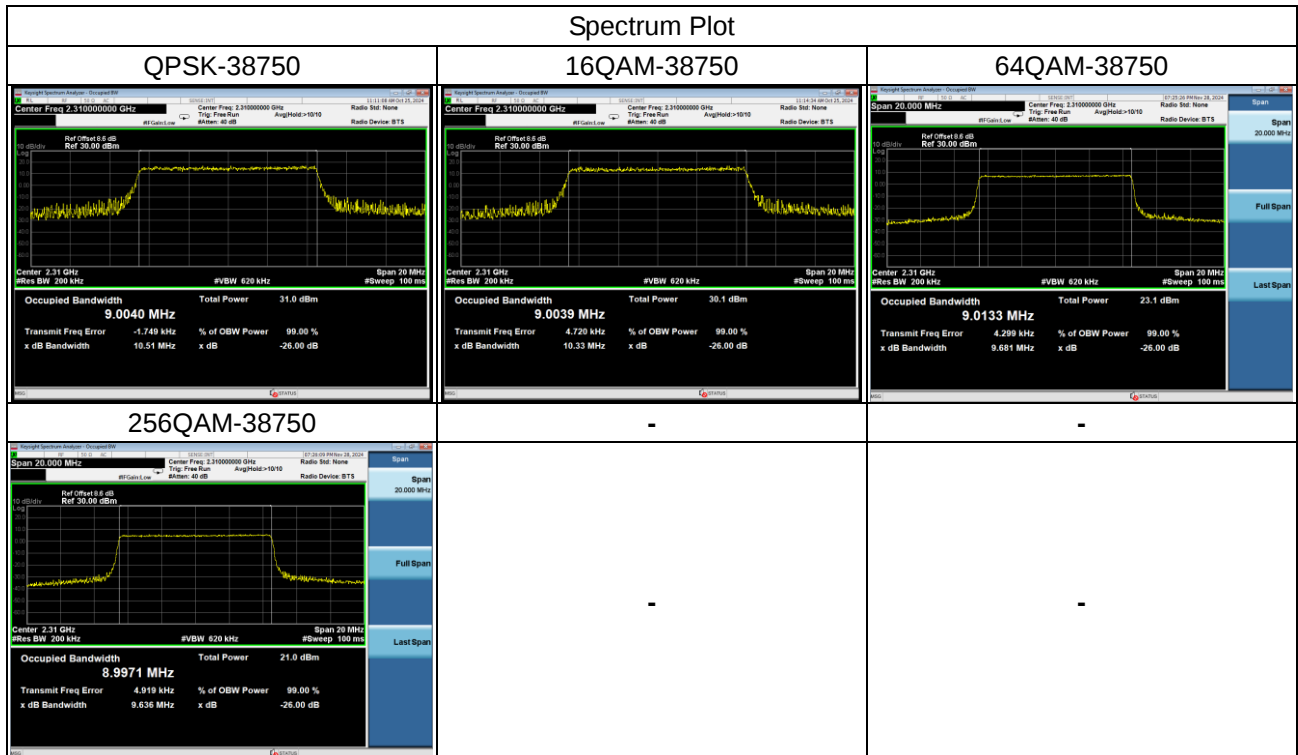
LTE Band 38_20MHz									
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)				26dB Bandwidth (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
37850	2580	17.991	17.992	17.920	17.837	20.61	21.05	18.94	18.94
38000	2595	17.994	17.974	17.987	17.970	21.22	20.59	18.92	18.93
38150	2610	17.996	17.969	17.945	17.900	22.05	21.65	18.95	18.93



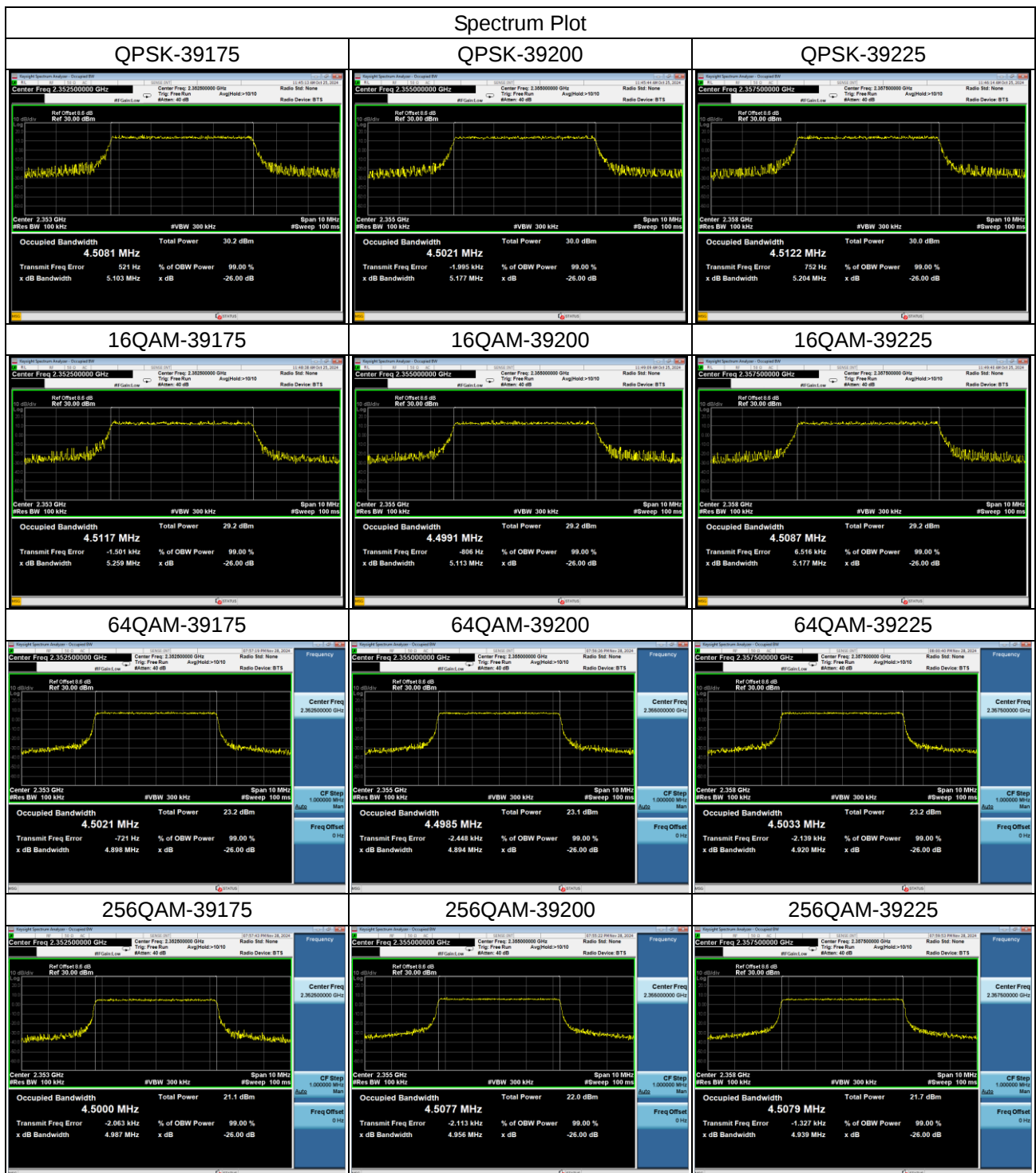
LTE Band 40(2305-2315MHz)_5MHz									
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)				26dB Bandwidth (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
38725	2307.5	4.5105	4.5071	4.4995	4.5006	5.145	5.070	4.901	4.950
38750	2310	4.5053	4.5015	4.5119	4.5146	5.150	5.378	4.928	4.903
38775	2312.5	4.4957	4.5080	4.5047	4.5025	5.109	5.155	4.925	4.910



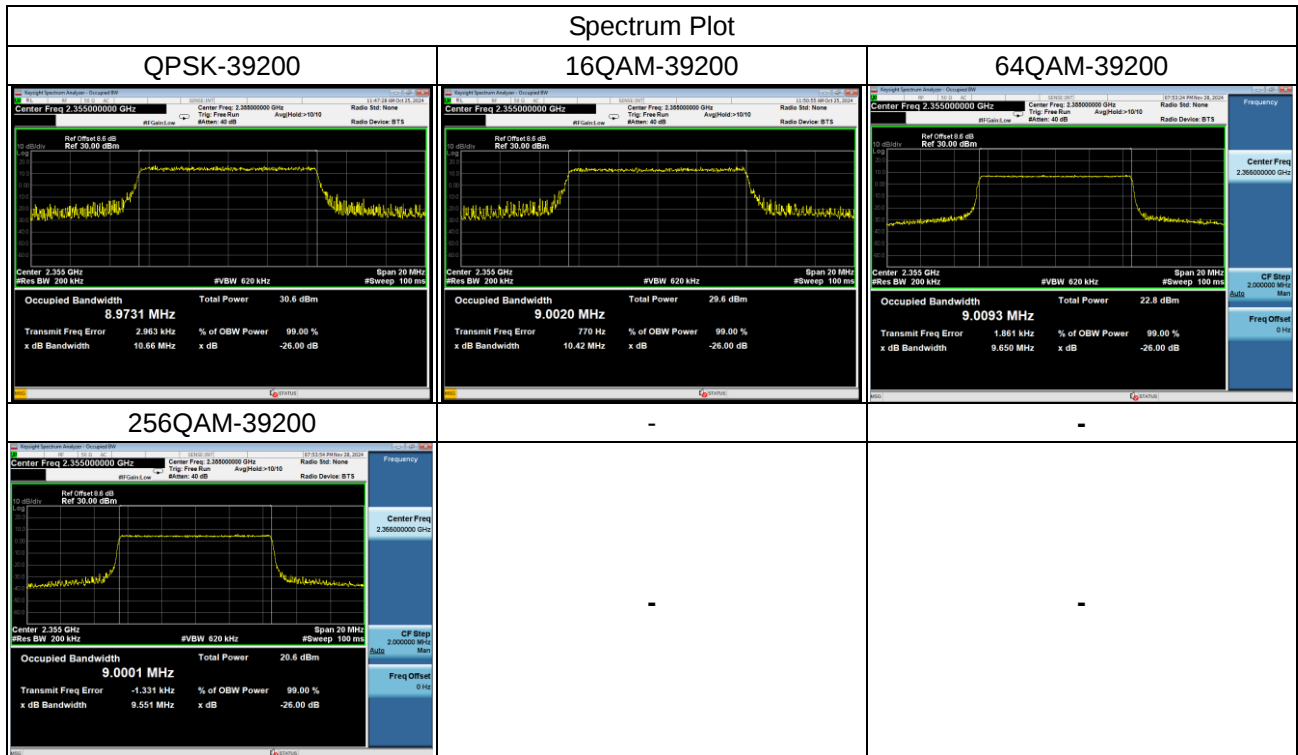
LTE Band 40(2305-2315MHz)_10MHz									
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)				26dB Bandwidth (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
38750	2310	9.0040	9.0039	9.0133	8.9971	10.51	10.33	9.681	9.636



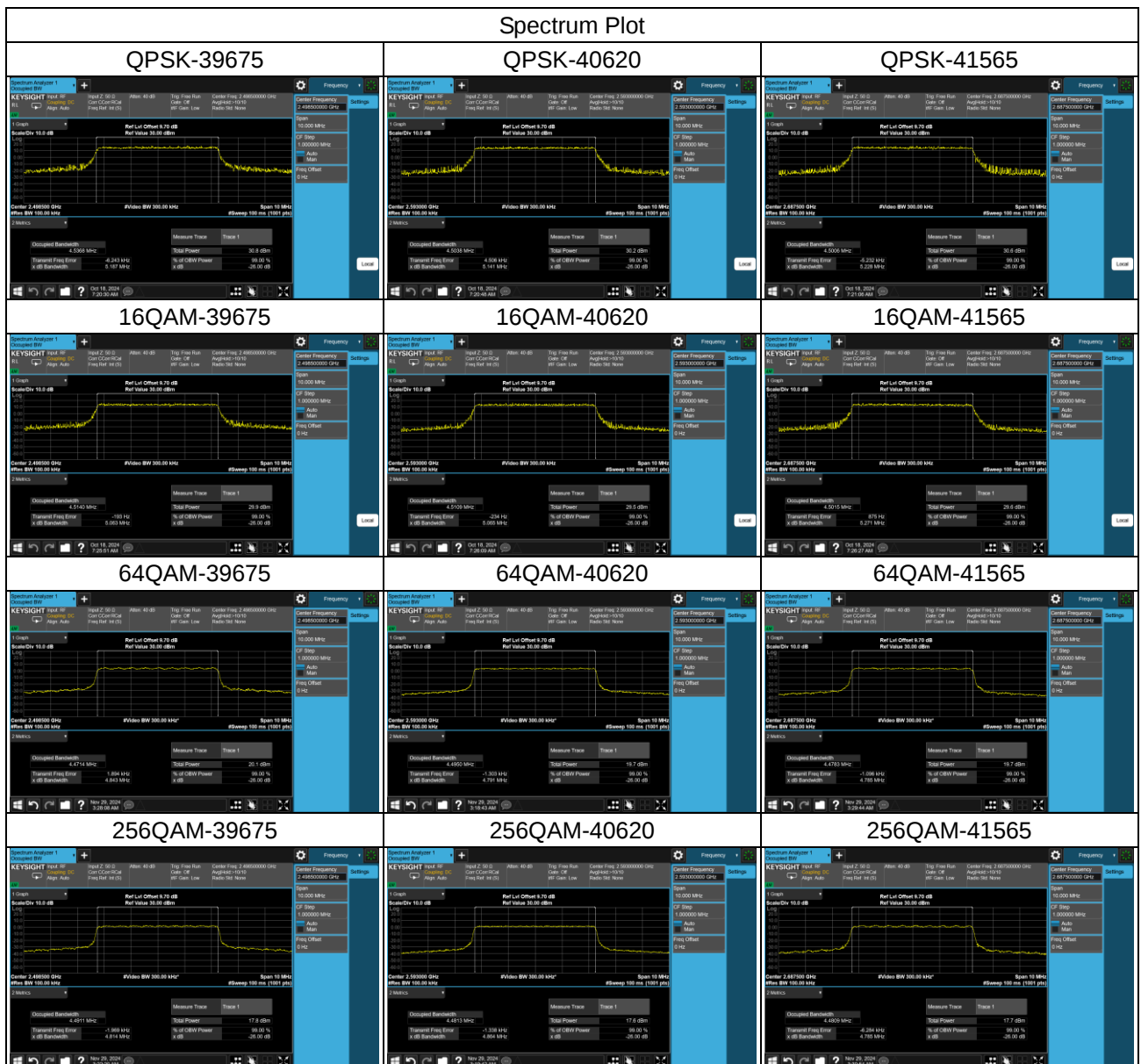
LTE Band 40(2350-2360MHz)_5MHz									
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)				26dB Bandwidth (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
39175	2352.5	4.5081	4.5117	4.5021	4.5000	5.103	5.259	4.898	4.987
39200	2355	4.5021	4.4991	4.4985	4.5077	5.177	5.113	4.894	4.956
39225	2357.5	4.5122	4.5087	4.5033	4.5079	5.204	5.177	4.920	4.939



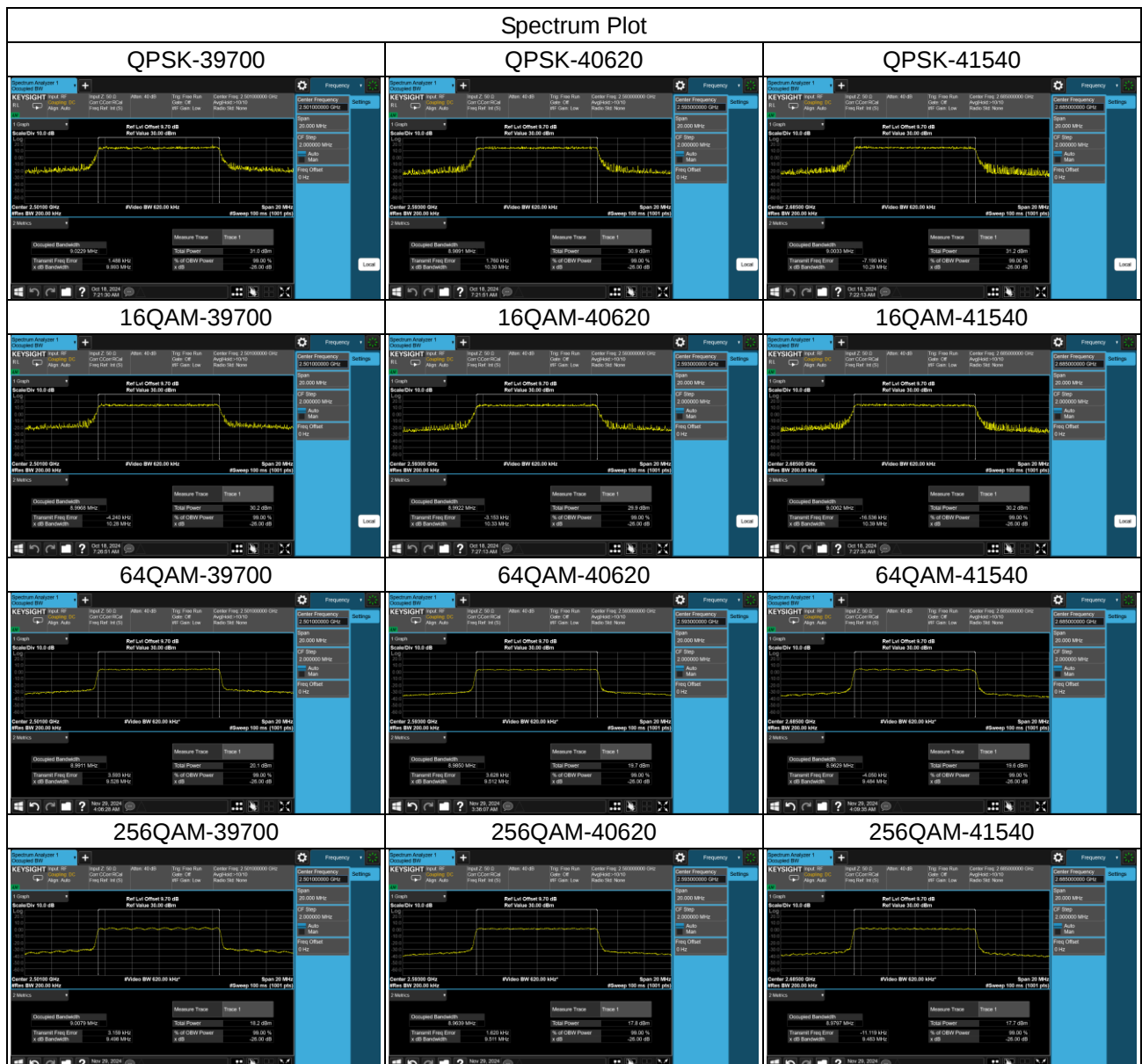
LTE Band 40(2350-2360MHz)_10MHz									
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)				26dB Bandwidth (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
39200	2355	8.9731	9.0020	9.0093	9.0001	10.66	10.42	9.650	9.551



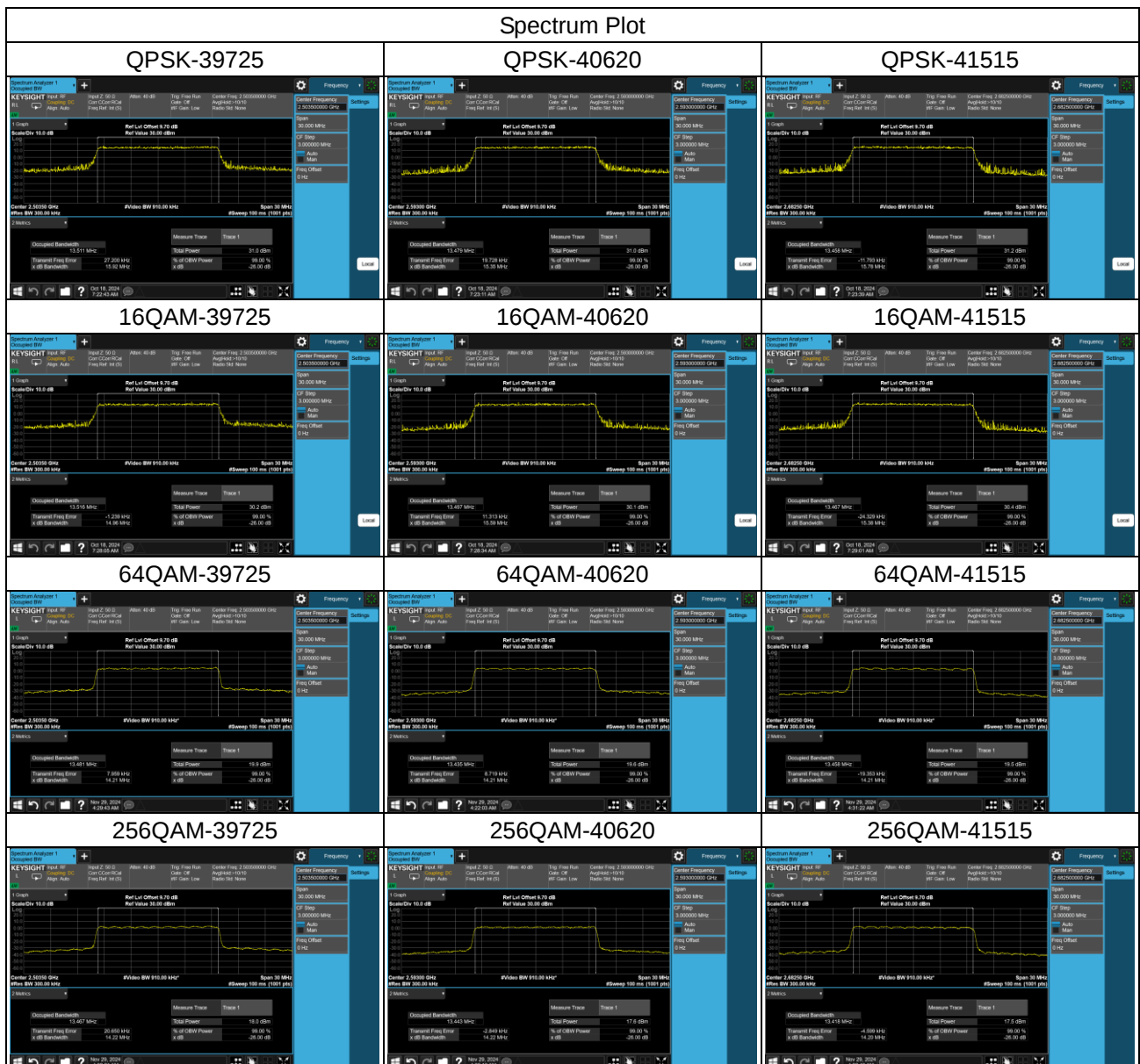
LTE Band 41_5MHz									
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)				26dB Bandwidth (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
39675	2537.5	4.5368	4.5140	4.4714	4.4911	5.187	5.063	4.843	4.814
40620	2595	4.5038	4.5109	4.4950	4.4813	5.141	5.065	4.791	4.864
41565	2652.5	4.5006	4.5015	4.4783	4.4809	5.228	5.271	4.785	4.785



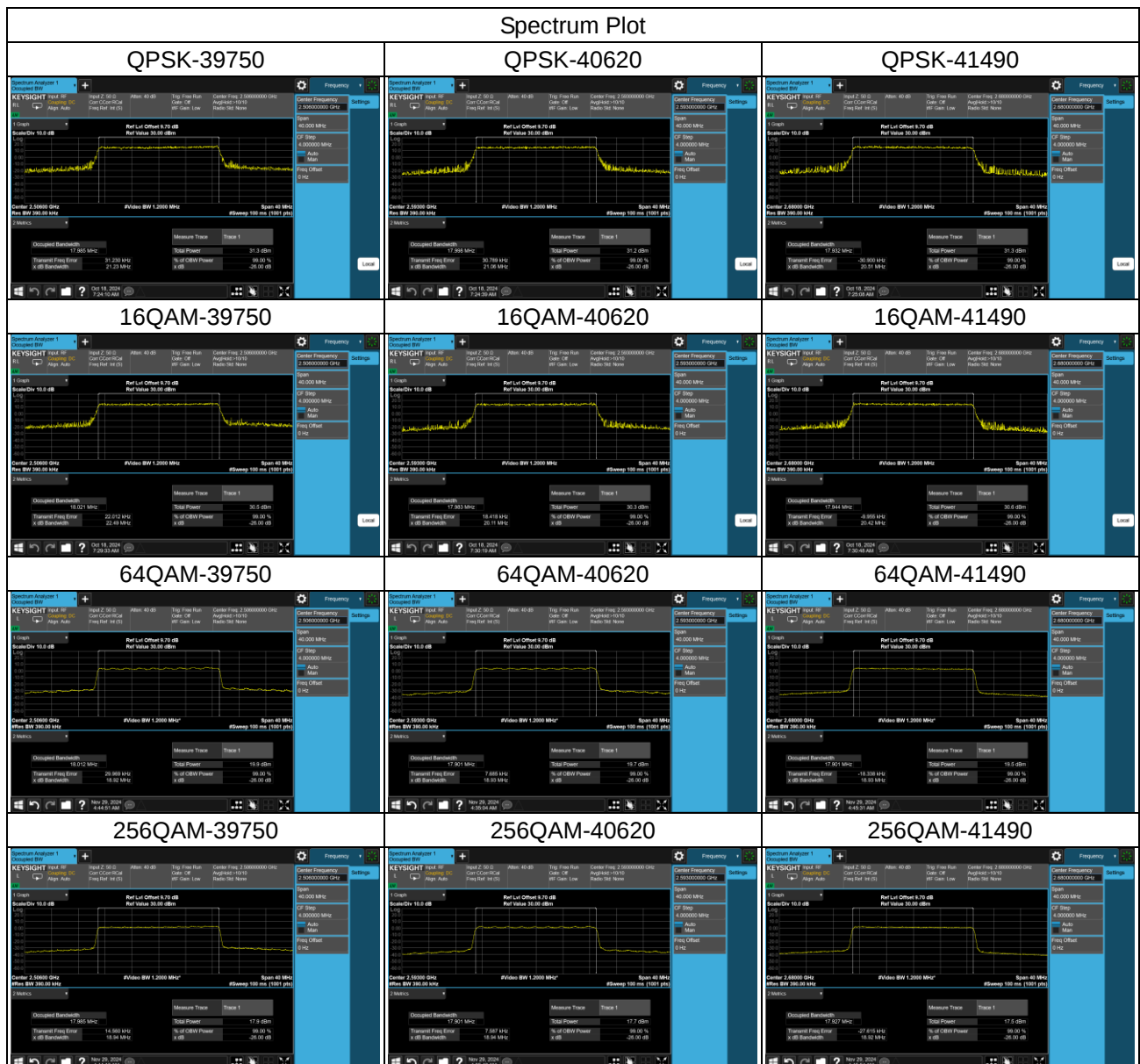
LTE Band 41_10MHz									
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)				26dB Bandwidth (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
39700	2540	9.0229	8.9968	8.9911	9.0079	9.993	10.28	9.528	9.498
40620	2595	8.9891	8.9922	8.9850	8.9639	10.30	10.33	9.512	9.511
41540	2650	9.0033	9.0062	8.9629	8.9797	10.29	10.39	9.484	9.483



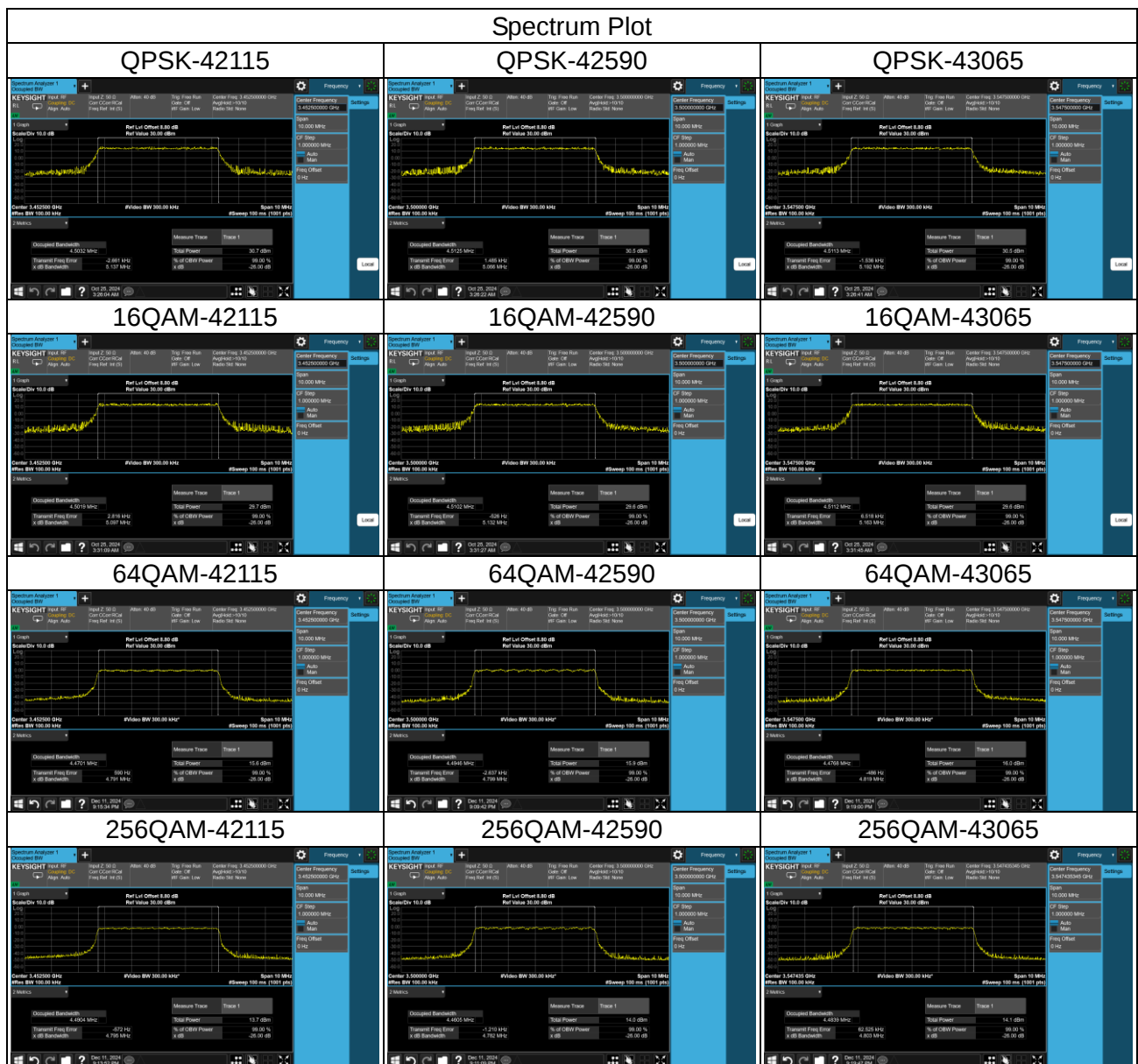
LTE Band 41_15MHz									
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)				26dB Bandwidth (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
39725	2542.5	13.511	13.516	13.481	13.467	15.92	14.96	14.21	14.22
40620	2595	13.479	13.497	13.435	13.443	15.35	15.59	14.21	14.22
41515	2647.5	13.458	13.467	13.458	13.418	15.78	15.38	14.21	14.20



LTE Band 41_20MHz									
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)				26dB Bandwidth (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
39750	2545	17.985	18.021	18.012	17.985	21.23	22.49	18.92	18.94
40620	2595	17.998	17.983	17.901	17.901	21.06	20.11	18.93	18.94
41490	2645	17.932	17.944	17.901	17.927	20.51	20.42	18.93	18.92



LTE Band 42_5MHz									
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)				26dB Bandwidth (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
42115	3452.5	4.5032	4.5019	4.4701	4.4904	5.137	5.097	4.791	4.795
42590	3500	4.5125	4.5102	4.4946	4.4605	5.066	5.132	4.799	4.782
43065	3547.5	4.5113	4.5112	4.4768	4.4839	5.192	5.163	4.819	4.803



LTE Band 42_10MHz									
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)				26dB Bandwidth (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
42140	3455	8.9992	8.9958	8.9478	8.9481	10.37	10.65	9.488	9.493
42590	3500	8.9821	9.0075	8.9727	8.9705	10.56	9.937	9.473	9.479
43040	3545	8.9958	8.9898	8.9796	8.9626	10.50	10.23	9.483	9.497

