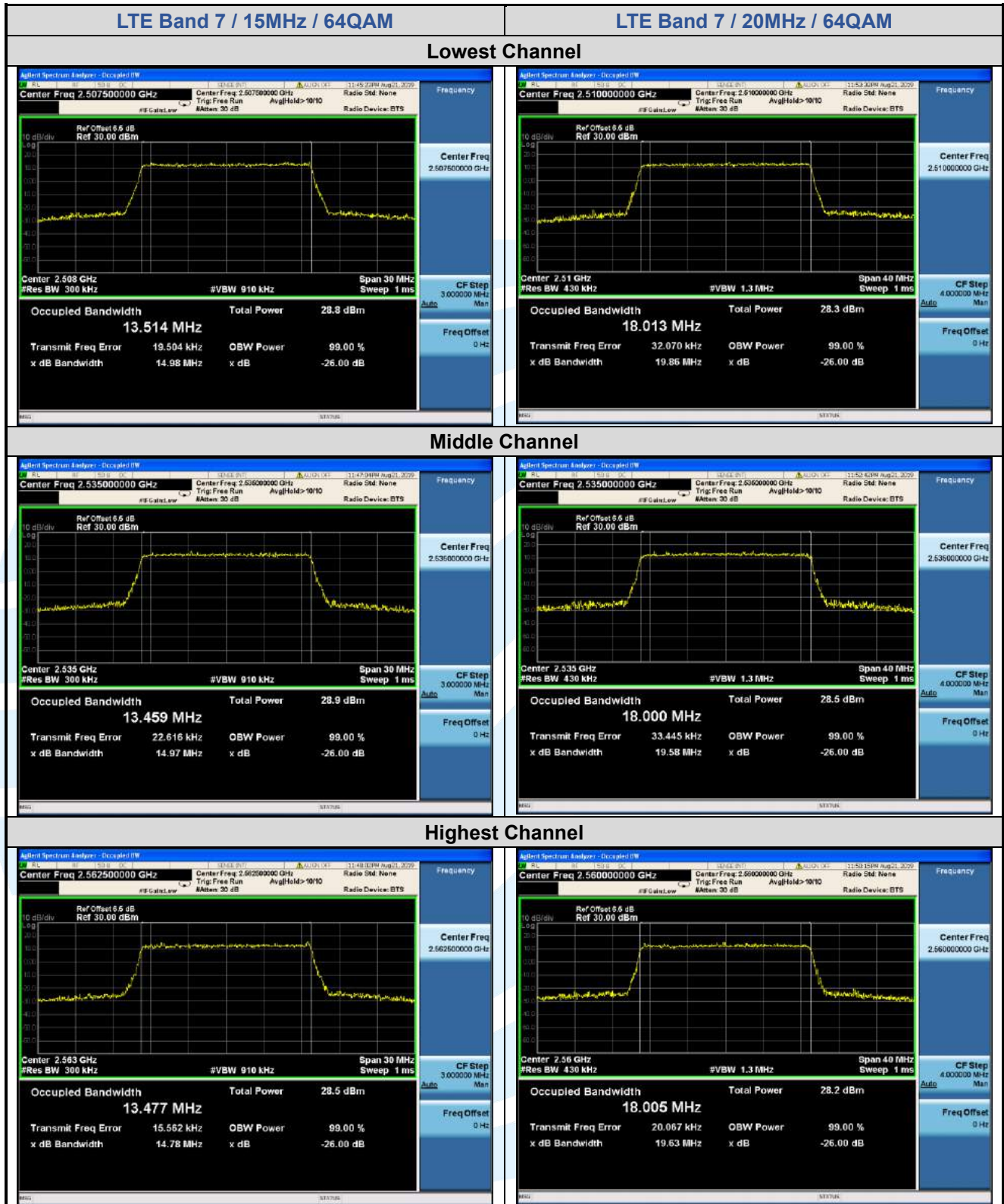
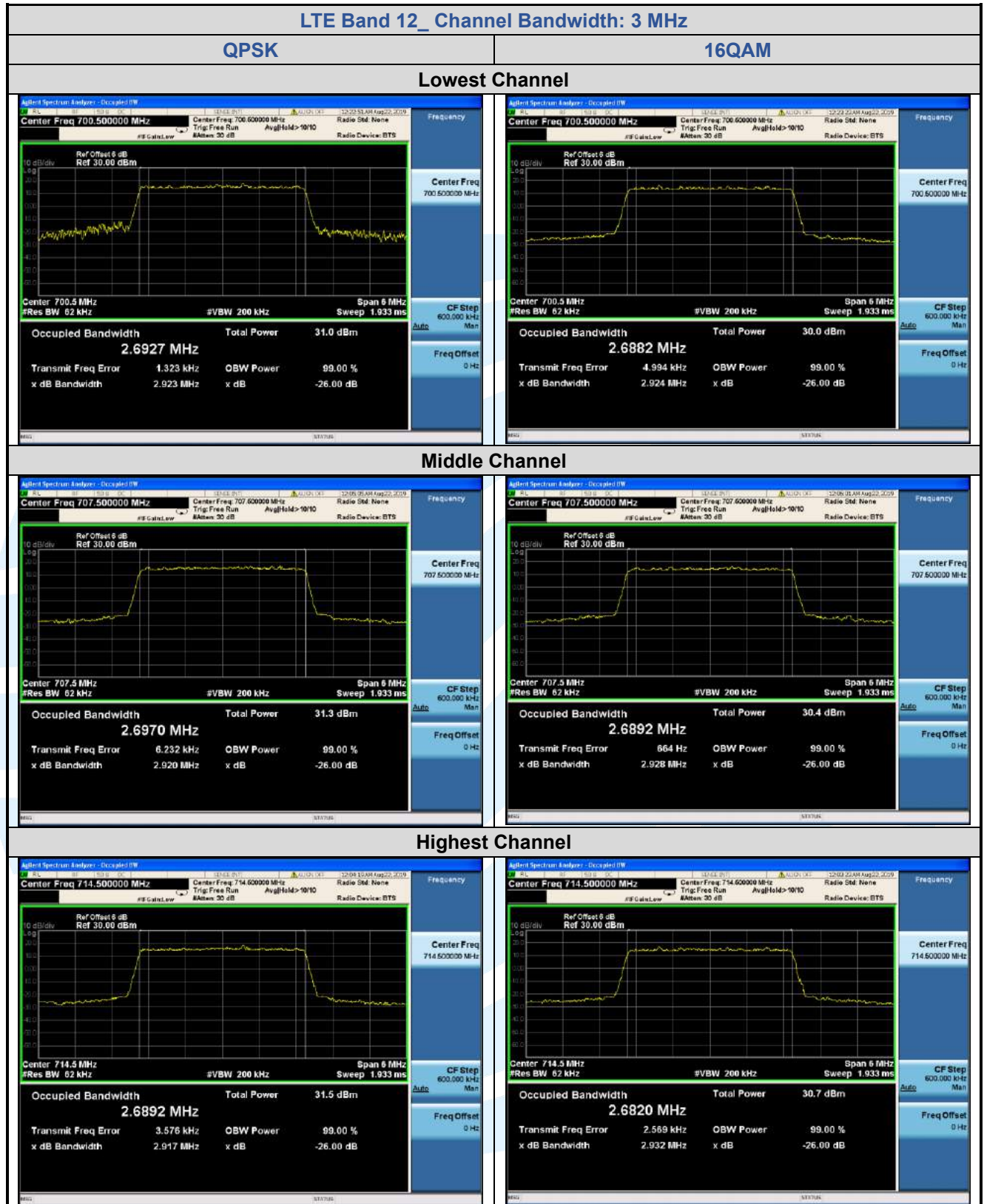




5.5.5 LTE Band 12

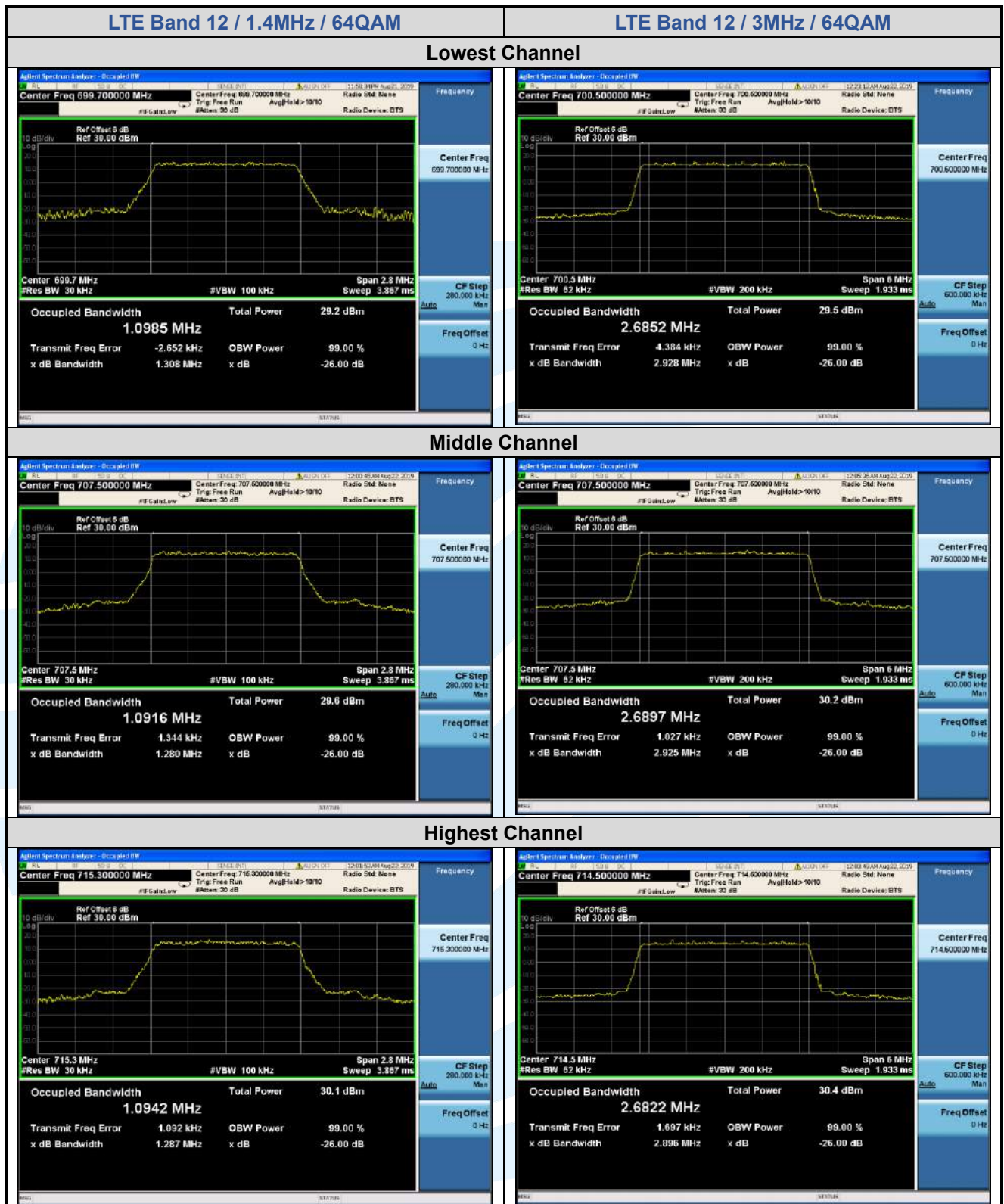
LTE Band 12								
Channel	RB Configuration		26 dB BW (MHz)			99% BW (MHz)		
	Size	Offset	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Channel Bandwidth: 1.4 MHz								
Lowest	6	0	1.282	1.312	1.308	1.0924	1.0996	1.0985
Middle	6	0	1.299	1.276	1.280	1.0959	1.0919	1.0916
Highest	6	0	1.280	1.288	1.287	1.0994	1.0935	1.0942
Channel Bandwidth: 3 MHz								
Lowest	15	0	2.923	2.924	2.928	2.6927	2.6882	2.6852
Middle	15	0	2.920	2.928	2.925	2.6970	2.6892	2.6897
Highest	15	0	2.917	2.932	2.896	2.6892	2.6820	2.6822
Channel Bandwidth: 5 MHz								
Lowest	25	0	5.162	5.185	5.114	4.5332	4.5234	4.5200
Middle	25	0	5.125	5.199	5.168	4.5131	4.5228	4.5344
Highest	25	0	5.136	5.210	5.223	4.5099	4.5392	4.5375
Channel Bandwidth: 10 MHz								
Lowest	50	0	10.07	10.12	9.998	9.0157	9.0028	9.0064
Middle	50	0	9.998	10.04	9.914	8.9669	8.9675	8.9610
Highest	50	0	10.18	10.04	10.13	9.0244	8.9995	9.0033













5.5.6 LTE Band 17

LTE Band 17								
Channel	RB Configuration		26 dB BW (MHz)			99% BW (MHz)		
	Size	Offset	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Channel Bandwidth: 5 MHz								
Lowest	25	0	5.161	5.190	5.155	4.5101	4.5281	4.5178
Middle	25	0	5.187	5.145	5.144	4.5345	4.5213	4.5222
Highest	25	0	5.094	5.199	5.204	4.5099	4.5358	4.5389
Channel Bandwidth: 10 MHz								
Lowest	50	0	10.08	10.14	10.08	8.9990	8.9834	8.9709
Middle	50	0	10.17	10.09	9.936	9.0123	8.9926	8.9942
Highest	50	0	9.949	10.02	10.01	8.9990	9.0045	9.0068

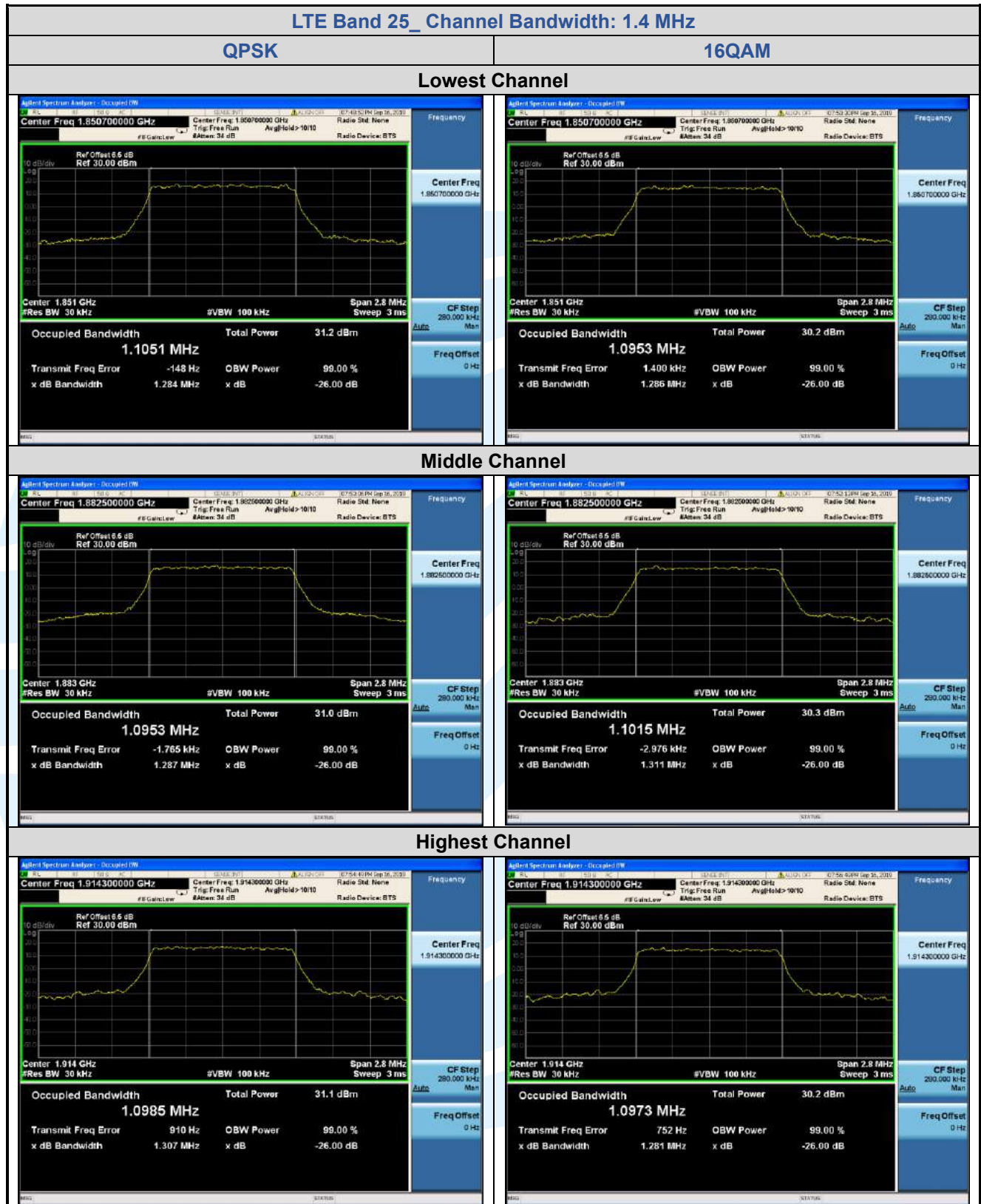


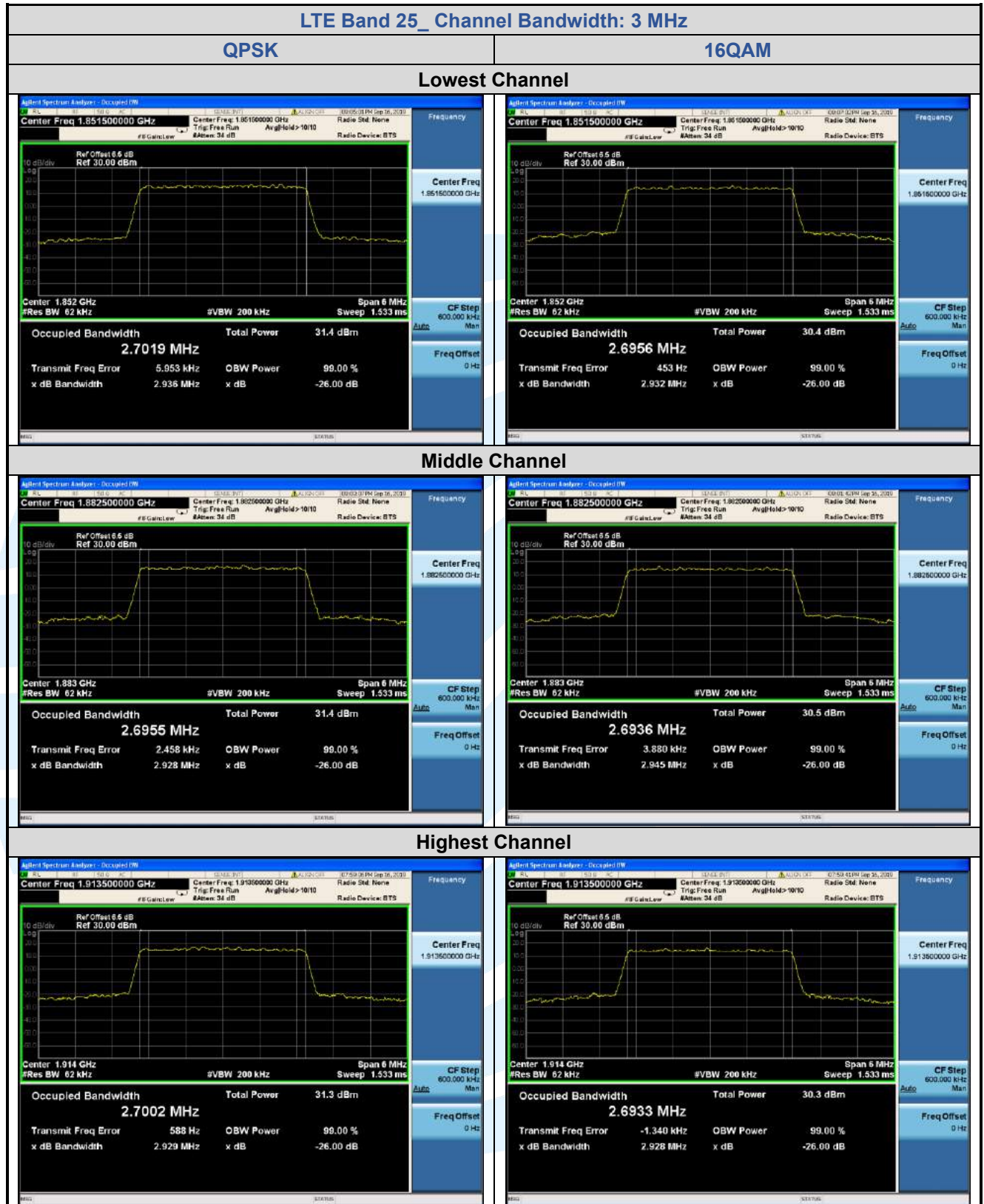


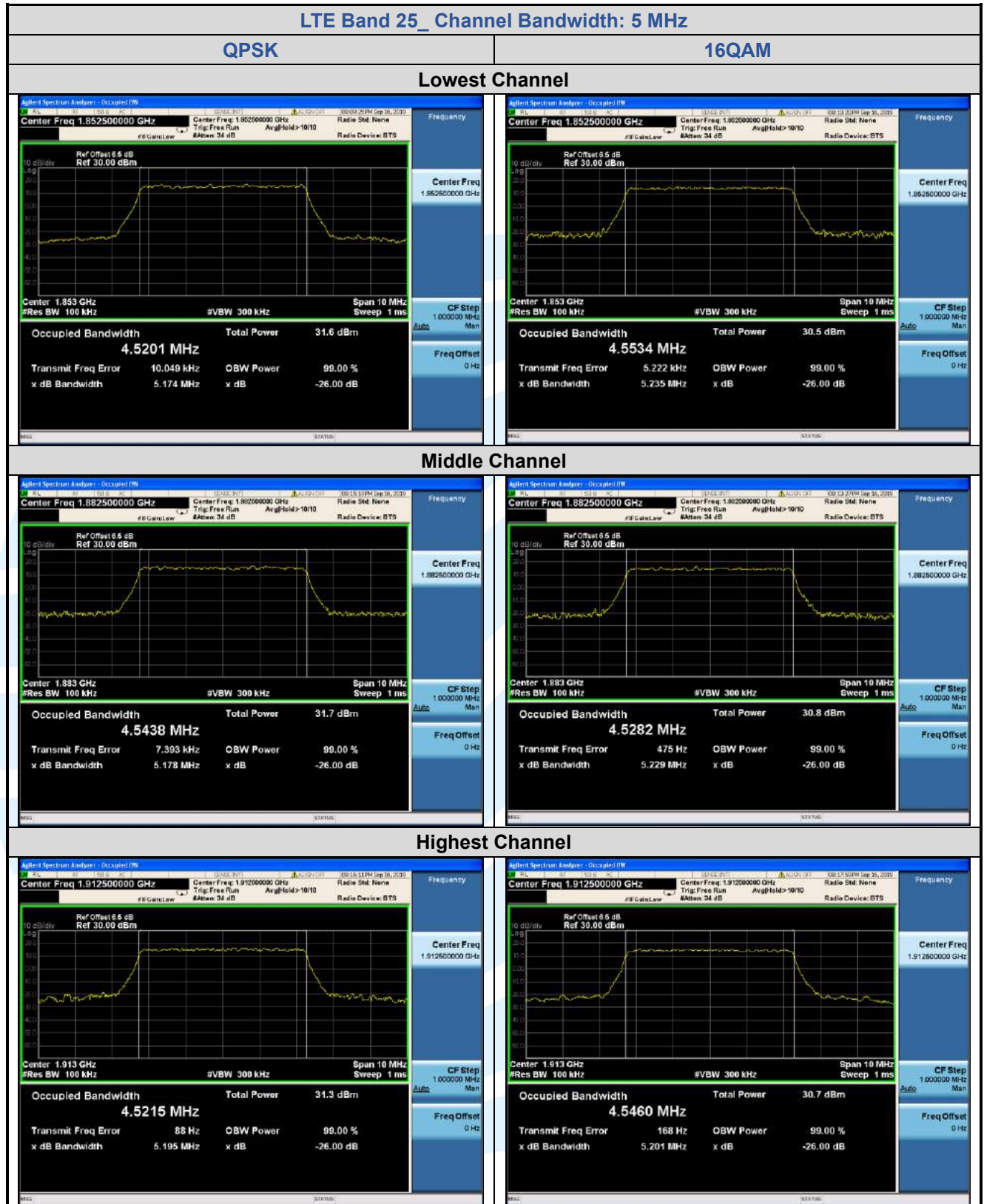


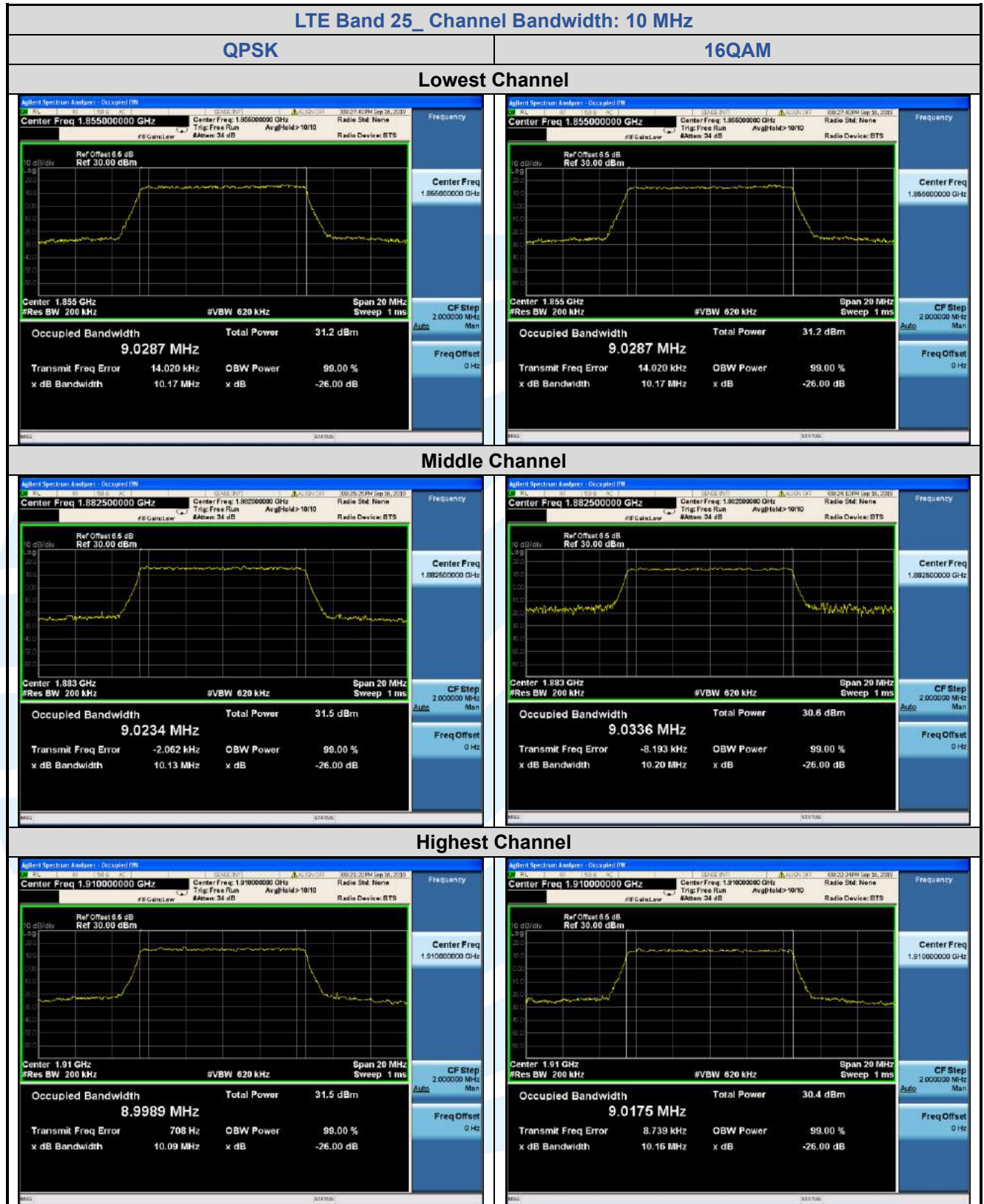
5.5.7 LTE Band 25

LTE Band 25								
Channel	RB Configuration		26 dB BW (MHz)			99% BW (MHz)		
	Size	Offset	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Channel Bandwidth: 1.4 MHz								
Lowest	6	0	1.284	1.286	1.276	1.105	1.095	1.093
Middle	6	0	1.287	1.311	1.297	1.095	1.102	1.101
Highest	6	0	1.307	1.281	1.268	1.099	1.097	1.088
Channel Bandwidth: 3 MHz								
Lowest	15	0	2.936	2.932	2.932	2.702	2.696	2.686
Middle	15	0	2.928	2.945	2.947	2.696	2.694	2.687
Highest	15	0	2.929	2.928	2.935	2.700	2.693	2.690
Channel Bandwidth: 5 MHz								
Lowest	25	0	5.174	5.235	5.197	4.520	4.553	4.551
Middle	25	0	5.178	5.229	5.132	4.544	4.528	4.524
Highest	25	0	5.195	5.201	5.146	4.522	4.546	4.539
Channel Bandwidth: 10 MHz								
Lowest	50	0	10.170	10.170	10.080	9.029	9.029	9.023
Middle	50	0	10.130	10.200	10.110	9.023	9.034	9.028
Highest	50	0	10.090	10.160	10.030	8.999	9.018	9.011
Channel Bandwidth: 15 MHz								
Lowest	75	0	15.220	15.020	15.000	13.515	13.520	13.533
Middle	75	0	15.290	15.040	14.880	13.533	13.536	13.509
Highest	75	0	15.090	15.000	14.920	13.491	13.530	13.507
Channel Bandwidth: 20 MHz								
Lowest	100	0	19.710	19.840	19.730	17.965	17.966	17.939
Middle	100	0	19.720	25.270	28.330	18.018	18.079	18.050
Highest	100	0	20.010	20.070	19.640	18.050	18.018	18.012

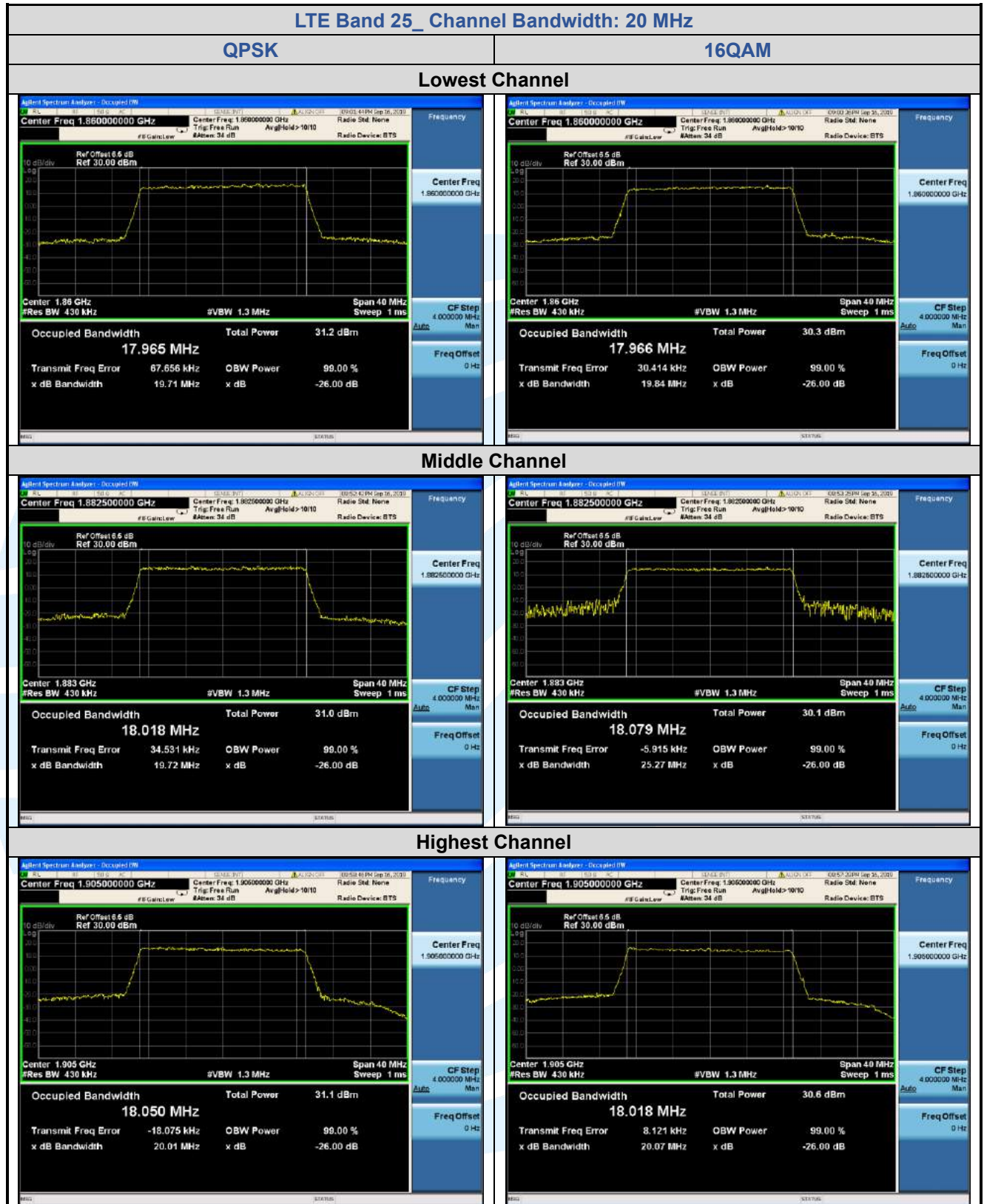


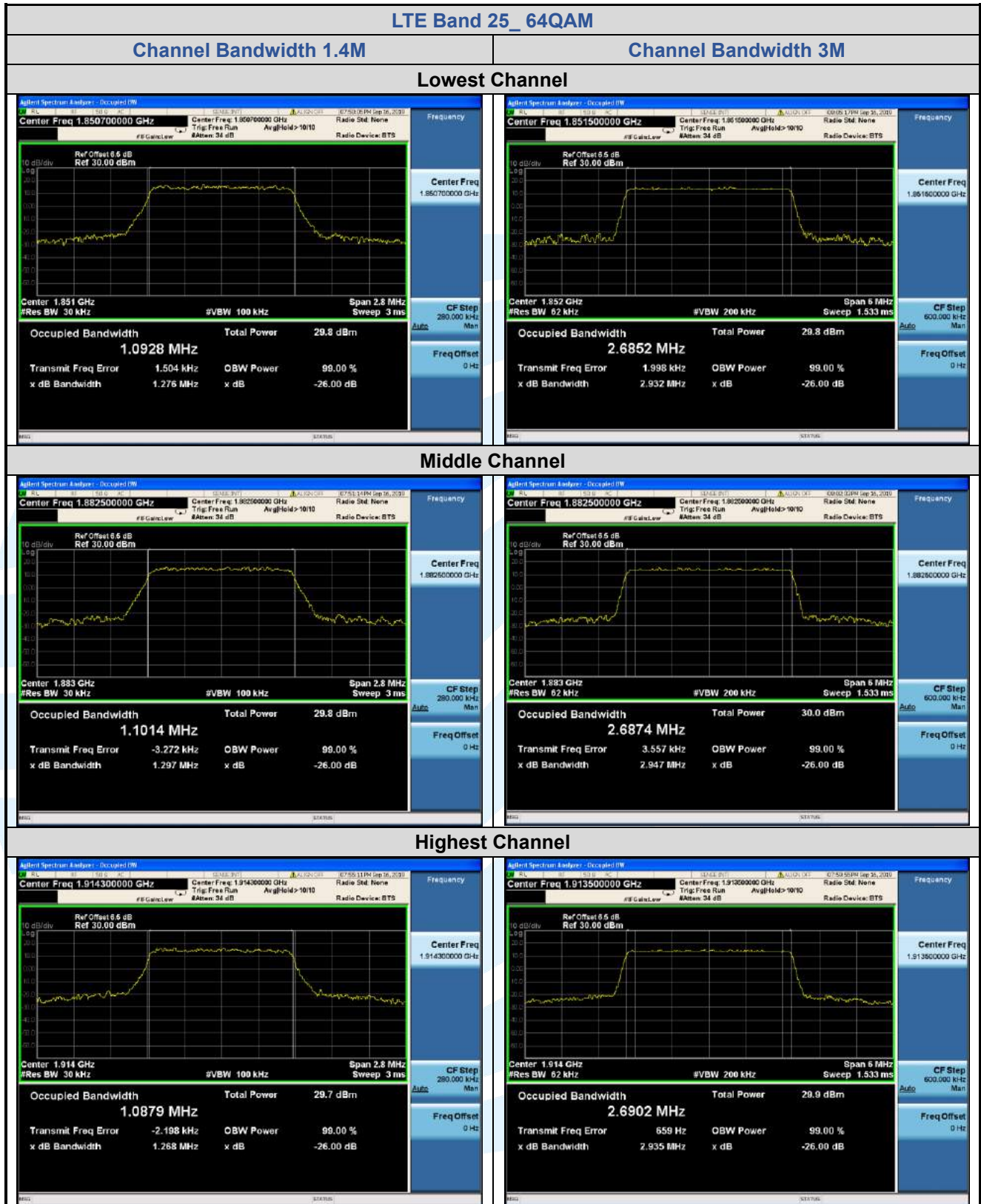




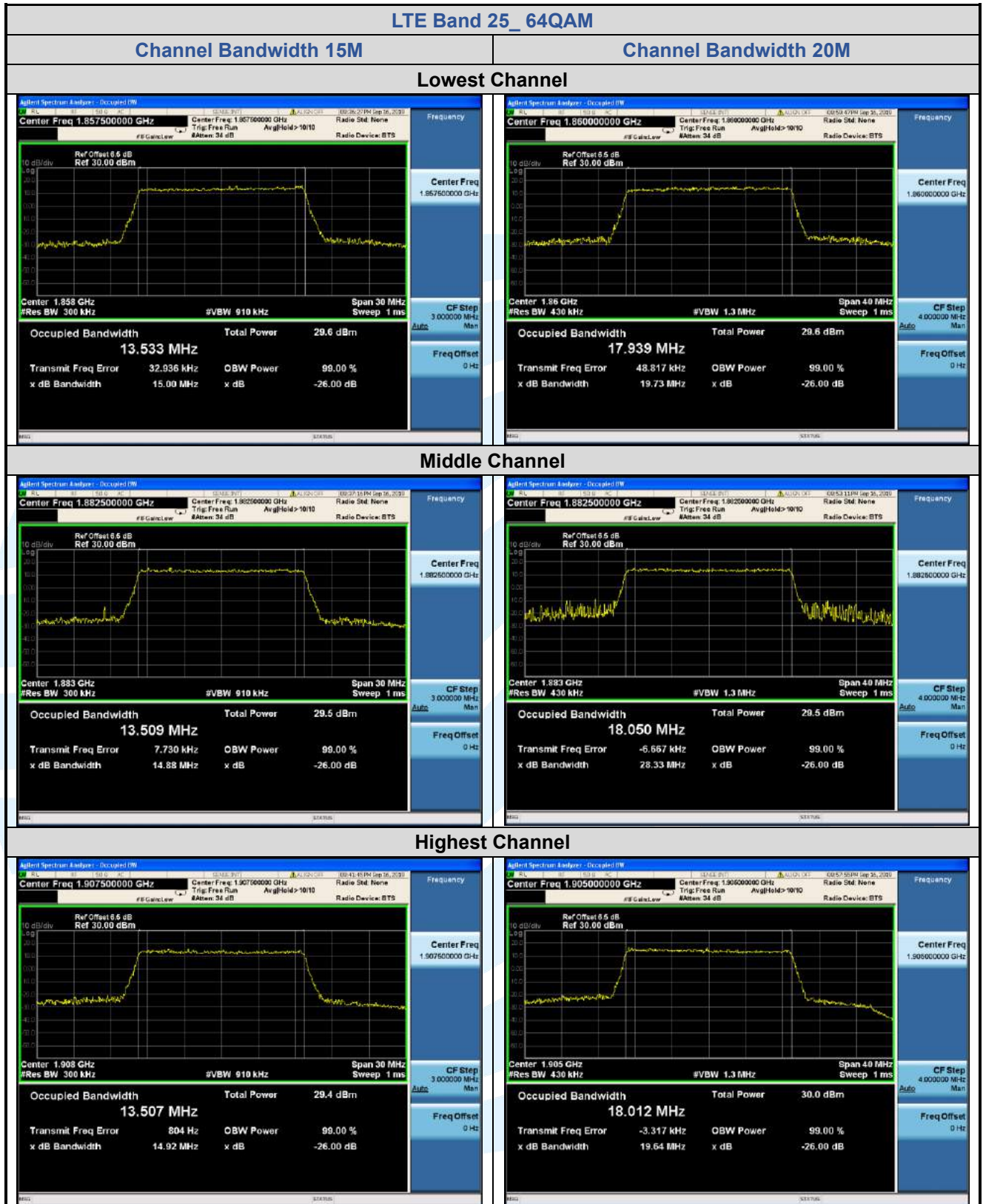






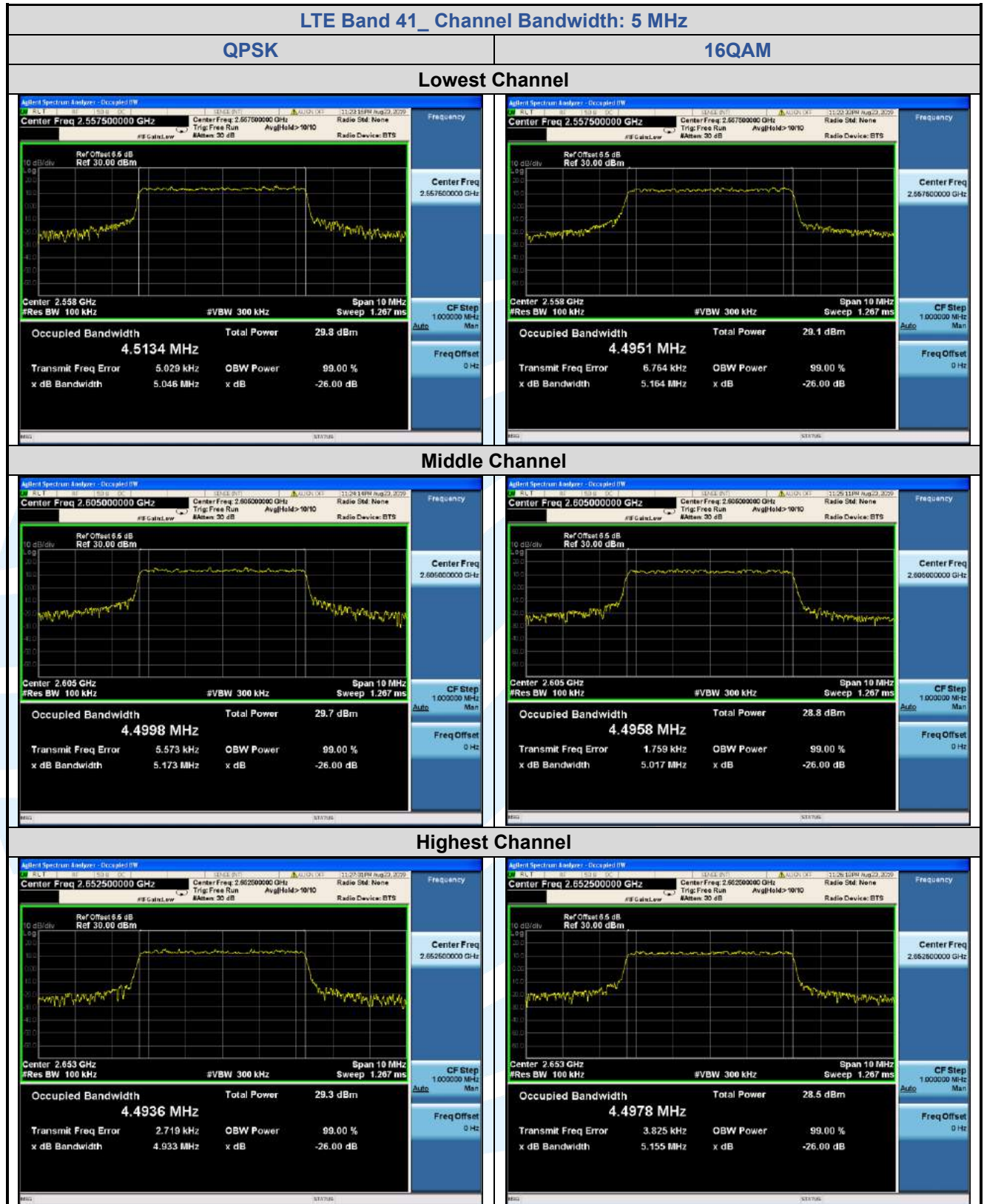


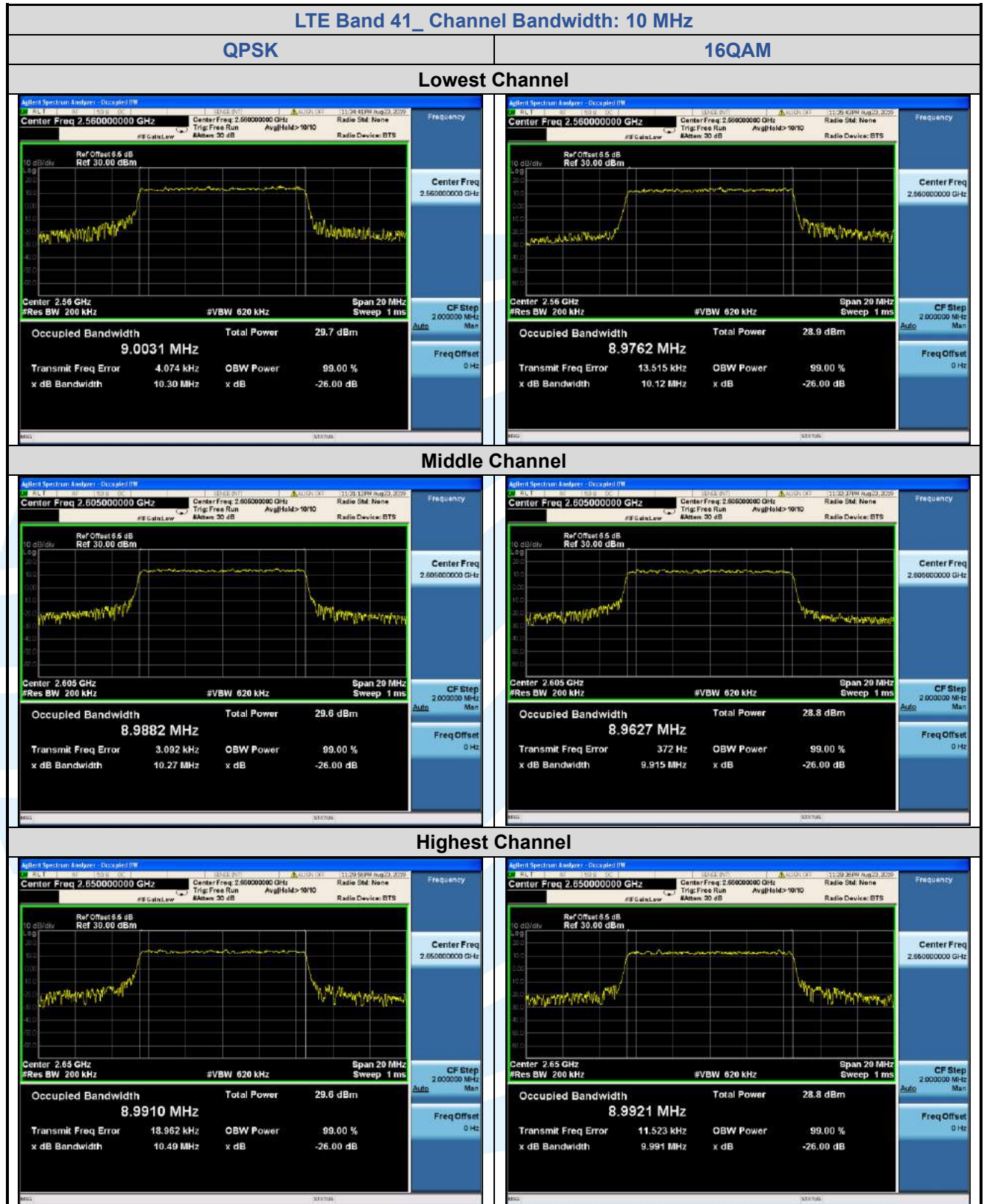


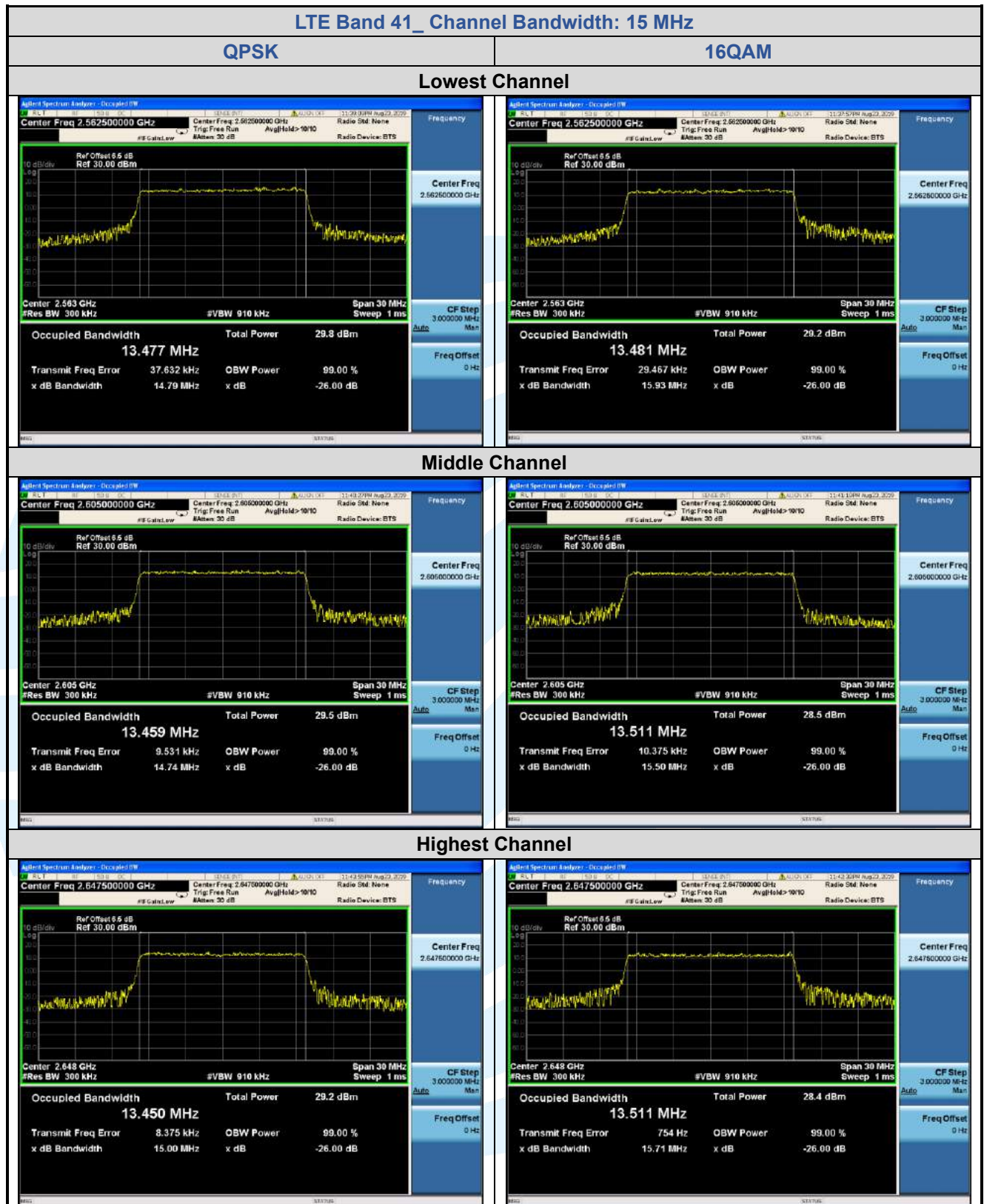


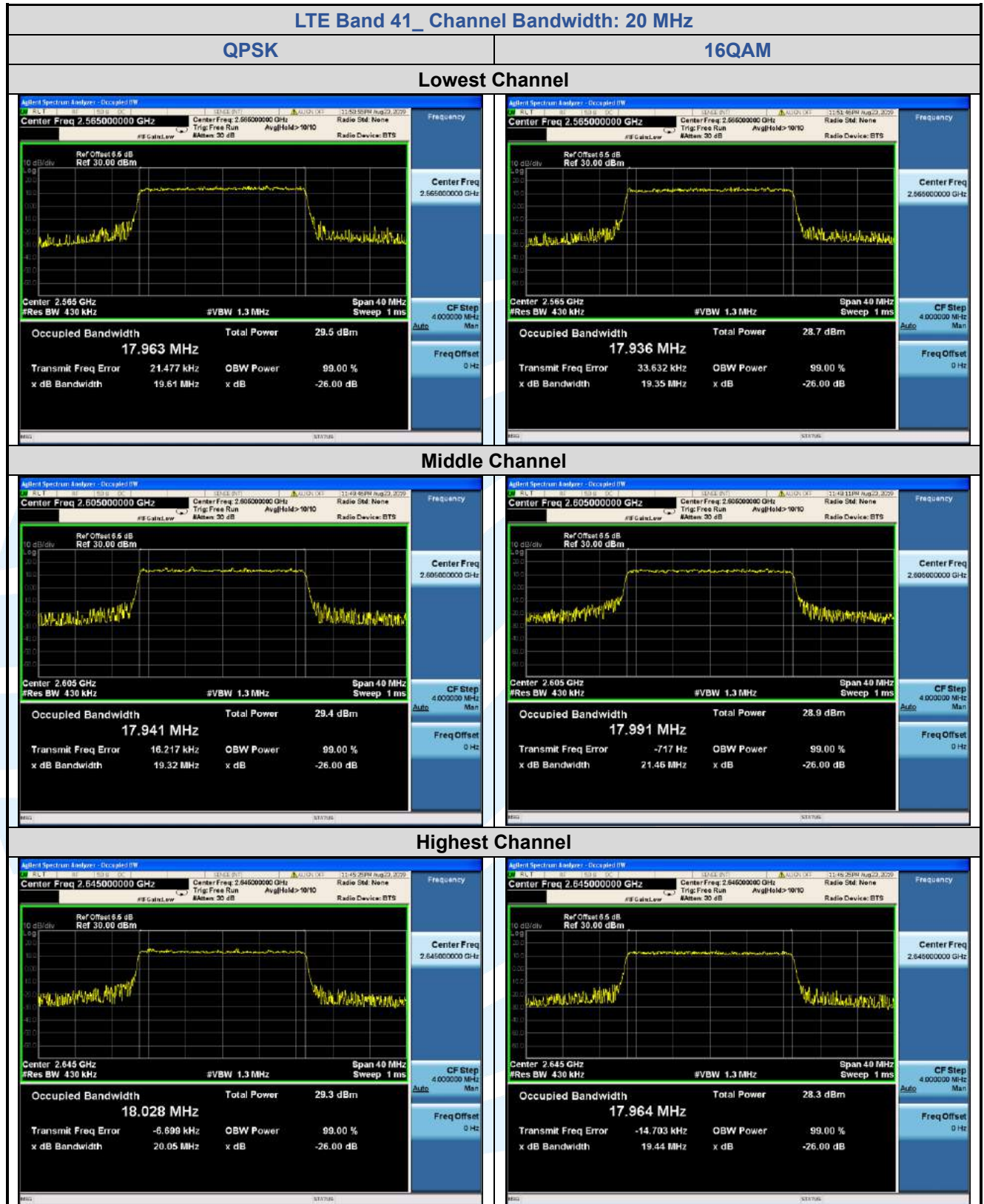
5.5.8 LTE Band 41

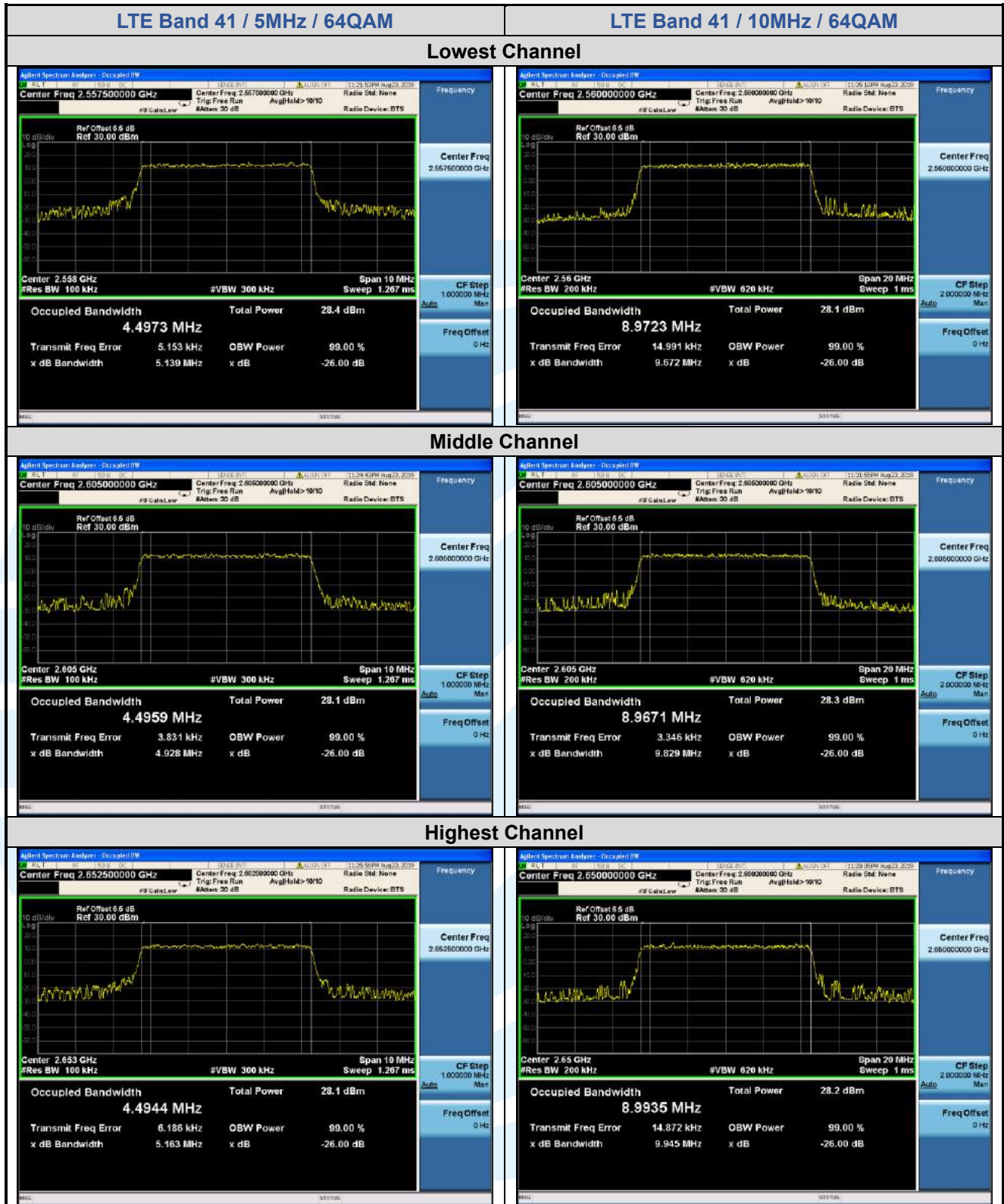
LTE Band 41								
Channel	RB Configuration		26 dB BW (MHz)			99% BW (MHz)		
	Size	Offset	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Channel Bandwidth: 5 MHz								
Lowest	25	0	5.046	5.164	5.139	4.5134	4.4951	4.4973
Middle	25	0	5.173	5.017	4.928	4.4998	4.4958	4.4959
Highest	25	0	4.933	5.155	5.163	4.4936	4.4978	4.4944
Channel Bandwidth: 10 MHz								
Lowest	50	0	10.30	10.12	9.672	9.0031	8.9762	8.9723
Middle	50	0	10.27	9.915	9.829	8.9882	8.9627	8.9671
Highest	50	0	10.49	9.991	9.945	8.9910	8.9921	8.9935
Channel Bandwidth: 15 MHz								
Lowest	75	0	14.79	15.93	15.53	13.477	13.481	13.483
Middle	75	0	14.74	15.50	15.43	13.459	13.511	13.484
Highest	75	0	15.00	15.71	15.26	13.450	13.511	13.496
Channel Bandwidth: 20 MHz								
Lowest	100	0	19.61	19.35	19.24	17.963	17.936	17.926
Middle	100	0	19.32	21.46	22.17	17.941	17.991	18.005
Highest	100	0	20.05	19.44	20.24	18.028	17.964	17.942

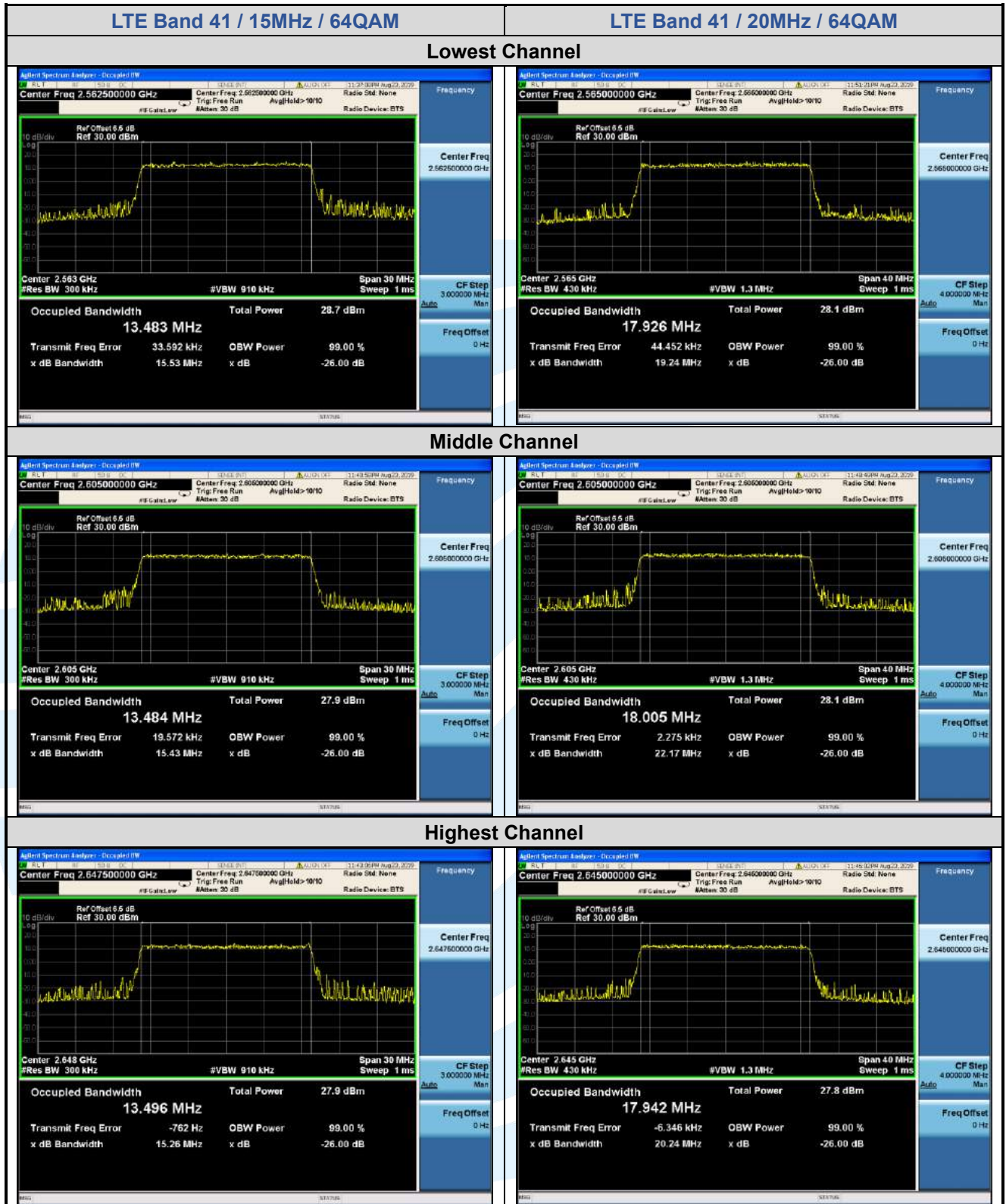












5.5.9 LTE Band 41 CA

LTE Band 41 CA							
Channel	RB Allocation/RB Offset	26 dB BW (MHz)			99% BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Channel Bandwidth: 5+20MHz							
Lowest	25/0+100/0	24.99	24.86	24.85	23.229	23.096	23.032
Middle		25.02	24.88	24.83	23.242	23.075	23.006
Highest		24.99	24.92	24.82	23.262	23.158	23.150
Channel Bandwidth: 20+5MHz							
Lowest	100/0+25/0	25.28	25.18	25.17	23.165	23.106	23.022
Middle		25.27	25.24	25.23	23.116	23.119	23.016
Highest		25.23	25.21	25.09	23.081	23.032	23.039
Channel Bandwidth: 10+20MHz							
Lowest	50/0+100/0	29.92	29.83	29.77	27.932	27.683	27.680
Middle		29.92	29.81	29.82	27.915	27.643	27.654
Highest		29.91	29.87	29.83	27.839	27.807	27.833
Channel Bandwidth: 20+10MHz							
Lowest	100/0+50/0	30.13	30.15	30.01	27.812	27.848	27.820
Middle		30.13	30.12	30.15	27.817	27.848	27.883
Highest		30.23	30.24	30.16	27.916	27.898	27.891
Channel Bandwidth: 15+15MHz							
Lowest	75/0+75/0	30.58	30.53	30.46	28.350	28.420	28.346
Middle		30.66	30.66	30.57	28.343	28.474	28.398
Highest		30.59	35.56	30.46	28.382	28.442	28.418
Channel Bandwidth: 15+20MHz							
Lowest	75/0+100/0	34.86	34.81	34.79	32.542	32.469	32.517
Middle		34.94	34.98	34.87	32.533	32.531	32.547
Highest		34.97	34.84	34.84	32.634	32.588	32.584
Channel Bandwidth: 20+15MHz							
Lowest	100/0+75/0	34.95	34.99	34.97	32.538	32.646	32.616
Middle		35.00	35.10	35.02	32.513	32.602	32.615
Highest		35.12	35.03	34.91	32.641	32.543	32.571
Channel Bandwidth: 20+20MHz							
Lowest	100/0+100/0	39.99	39.88	39.96	37.520	37.489	37.547
Middle		40.03	40.04	39.90	37.458	37.325	37.347
Highest		40.10	40.06	39.95	37.526	37.505	37.511
Channel Bandwidth: 10+15MHz							
Lowest	50/0+75/0	25.39	25.33	25.21	23.361	23.234	23.281
Middle		25.31	25.27	25.23	23.294	23.260	23.226
Highest		25.24	25.21	25.18	23.287	23.160	23.144
Channel Bandwidth: 15+10MHz							
Lowest	75/0+50/0	25.39	25.48	25.28	23.382	23.352	23.350
Middle		25.55	25.50	25.32	23.425	23.362	23.311
Highest		25.39	25.29	25.31	23.308	23.316	23.304

