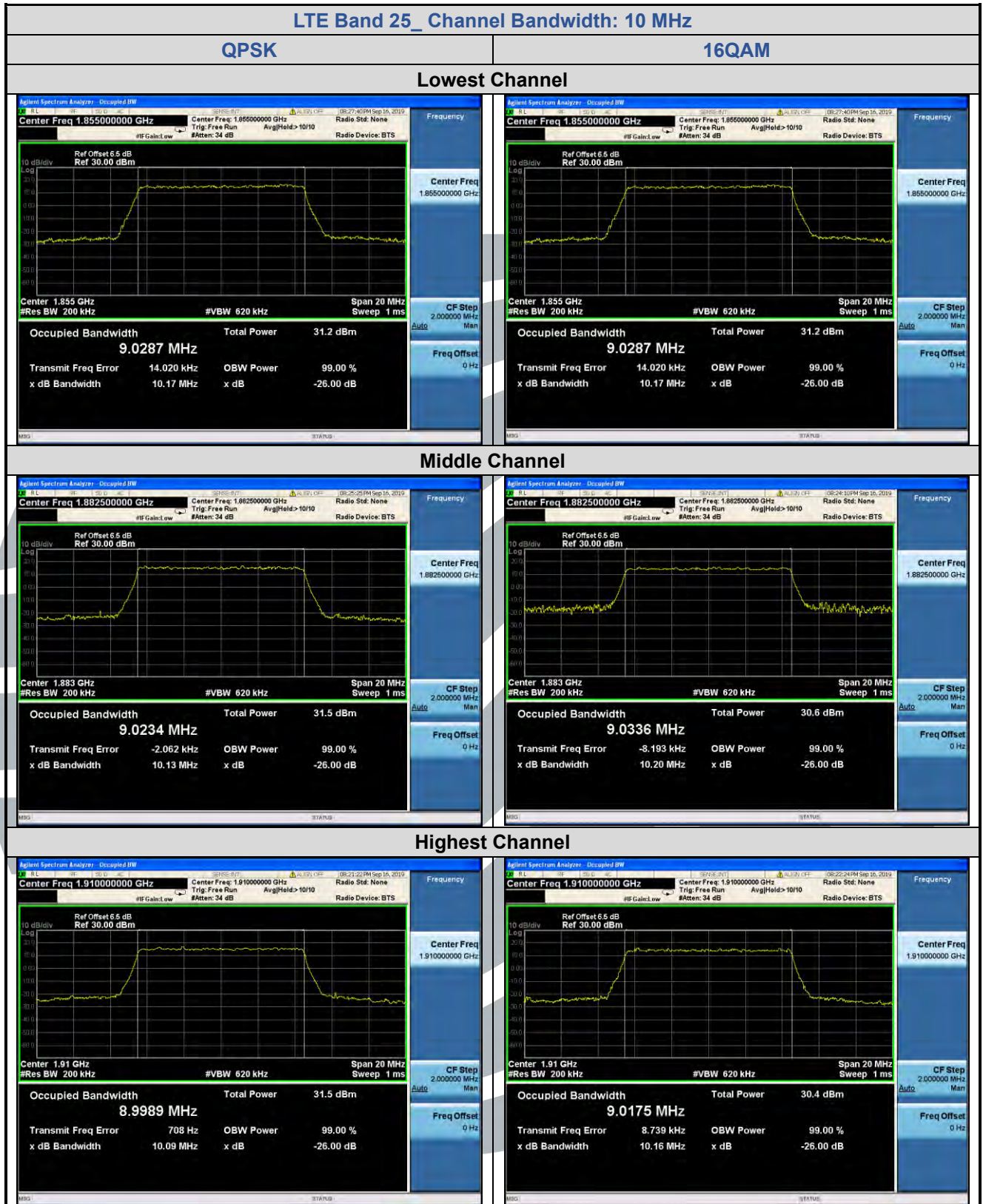
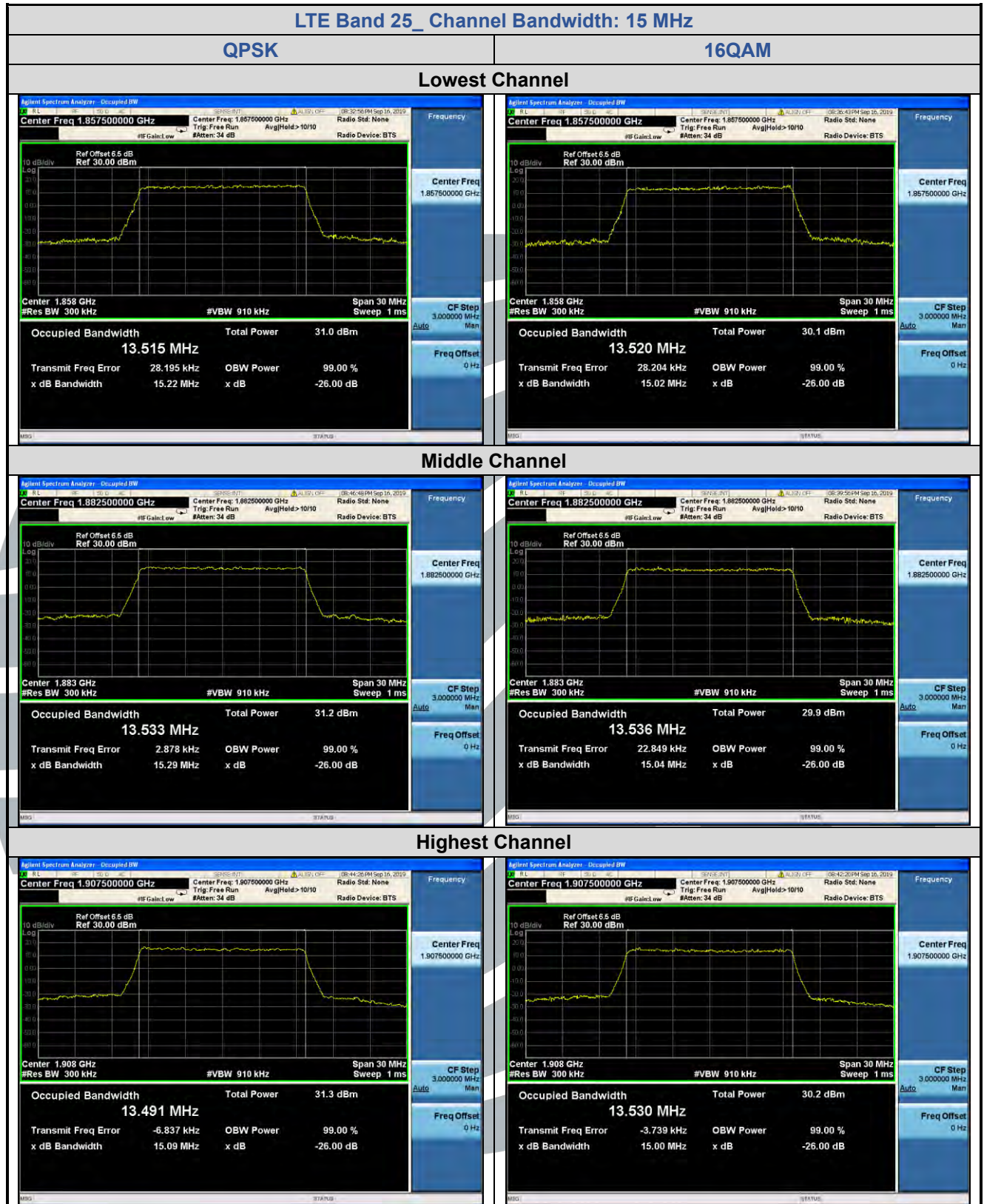
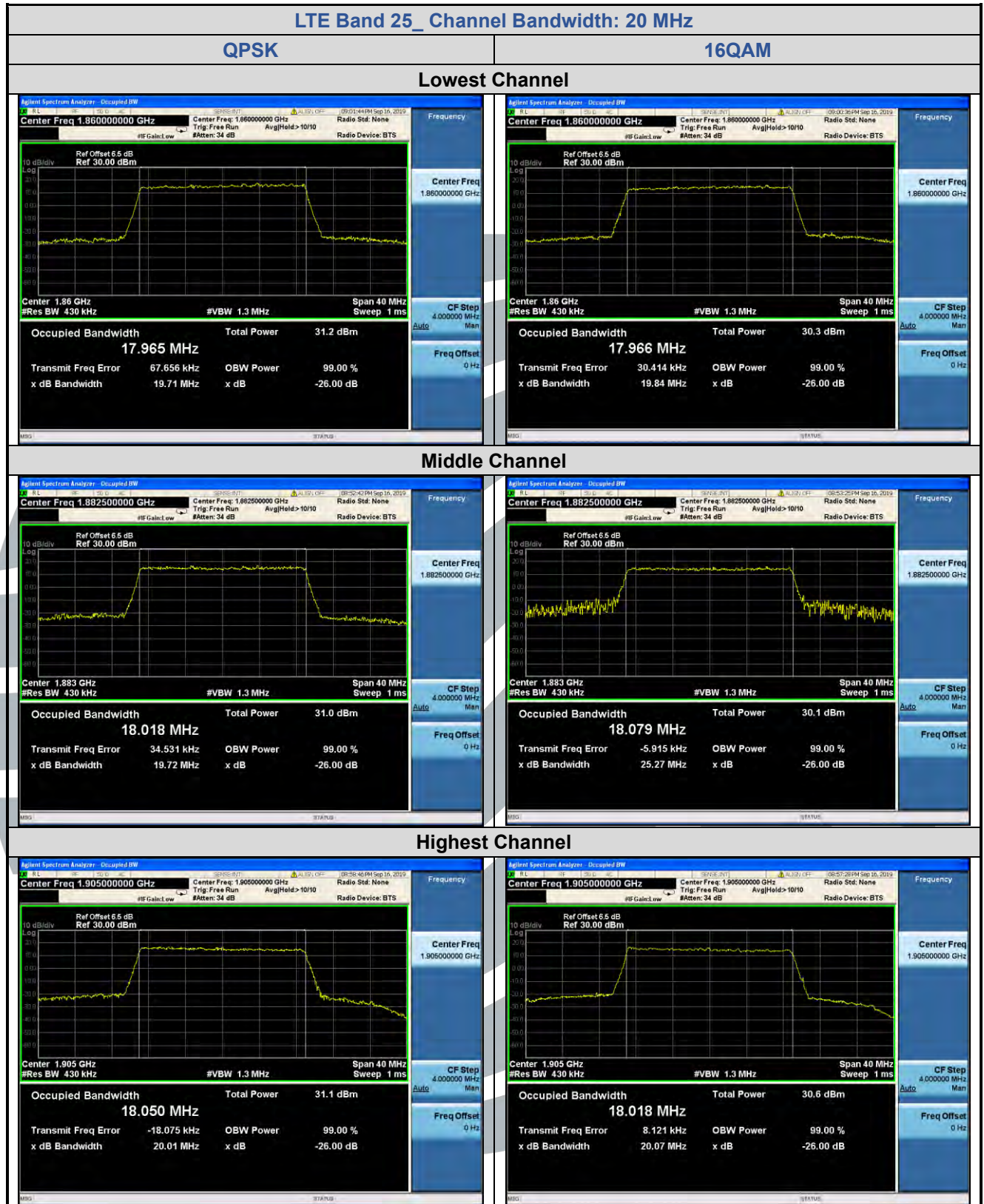
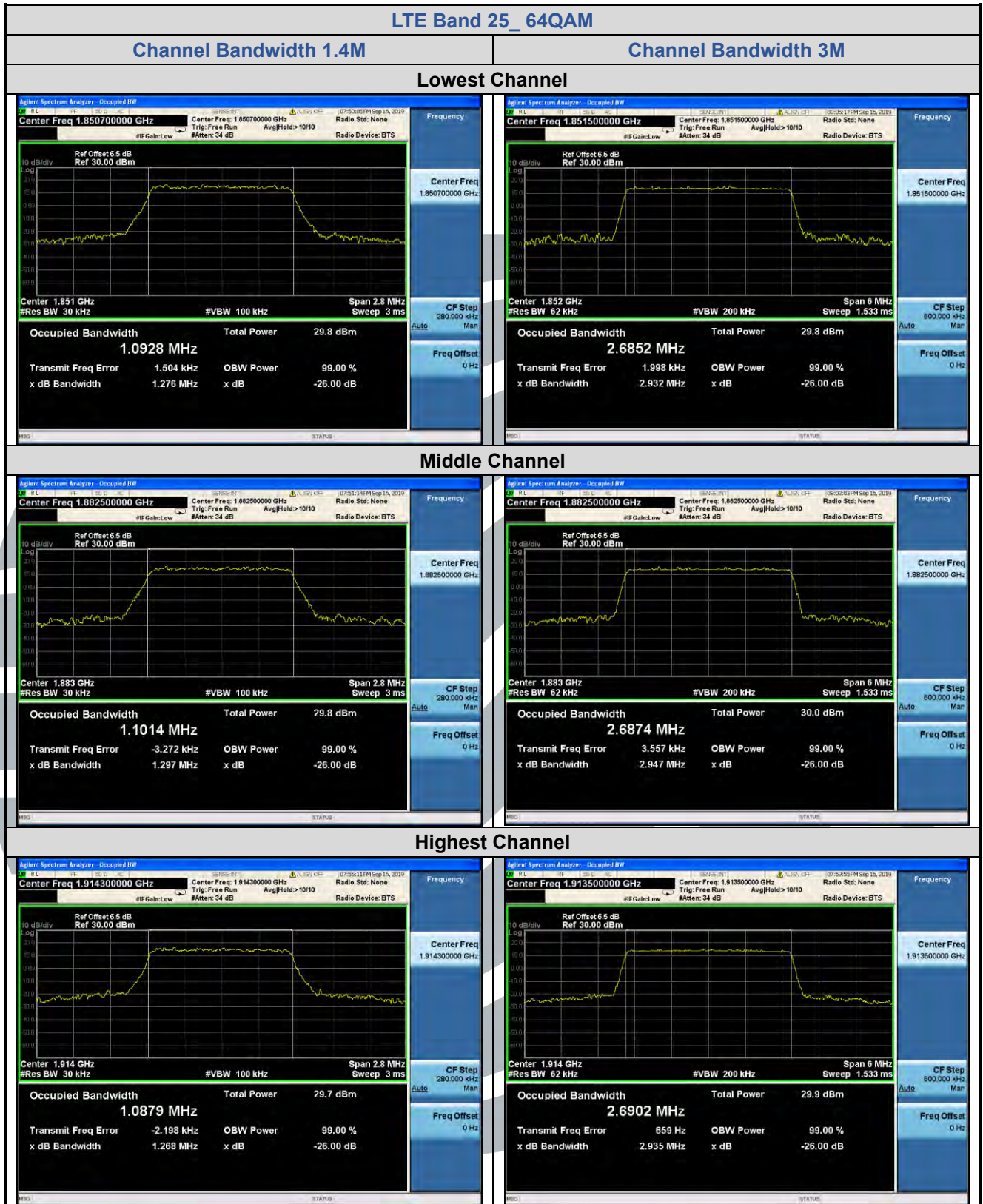
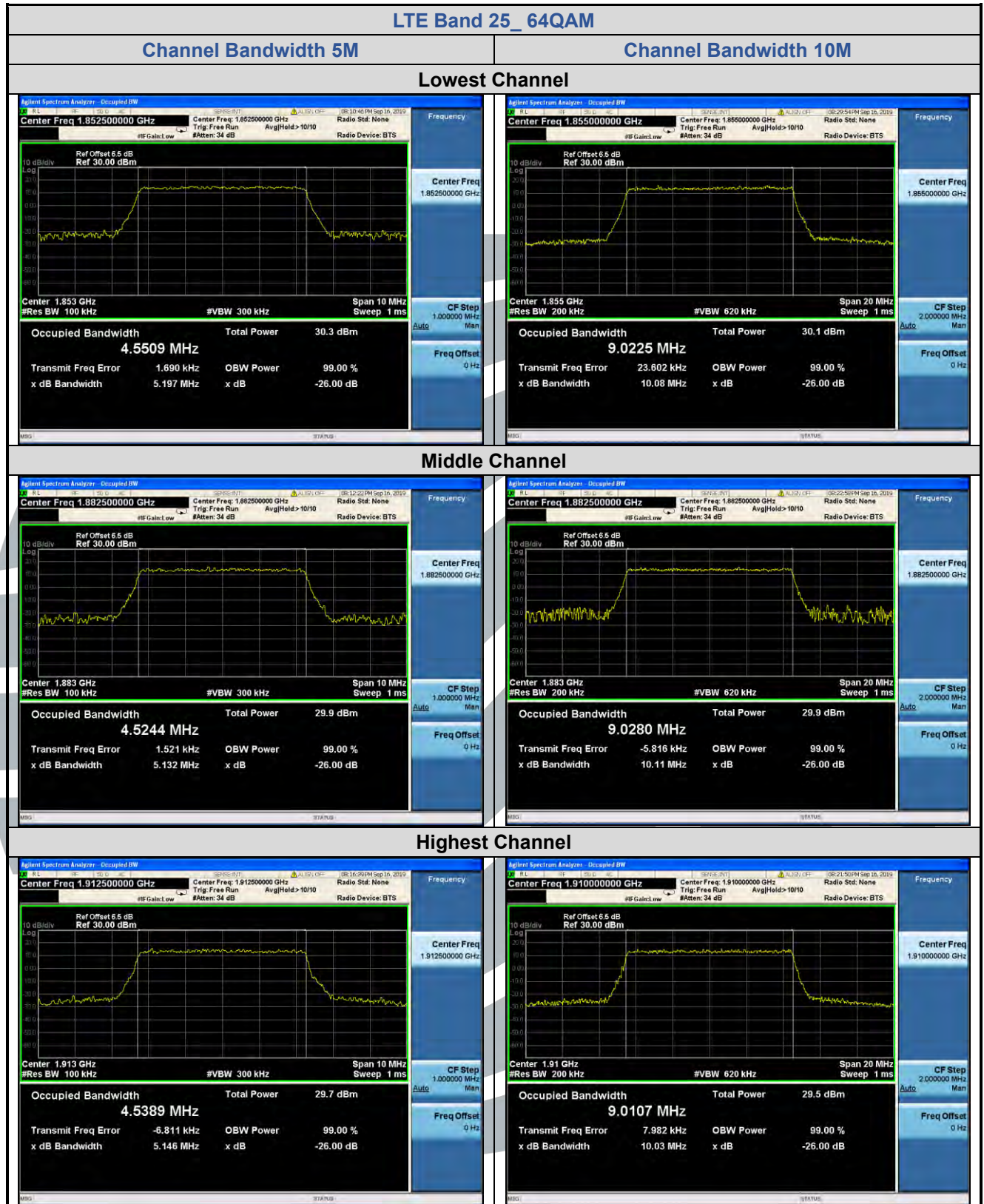


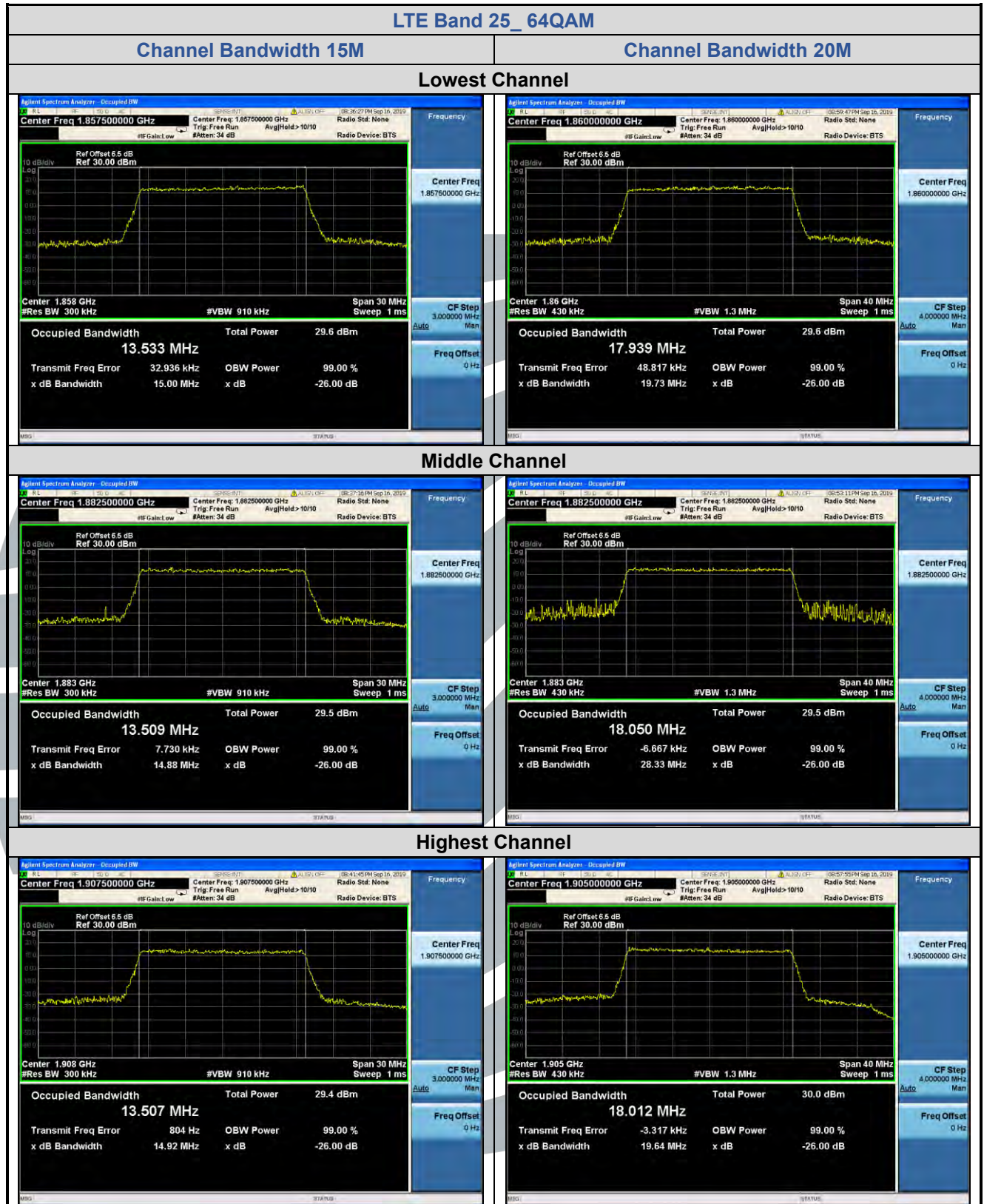






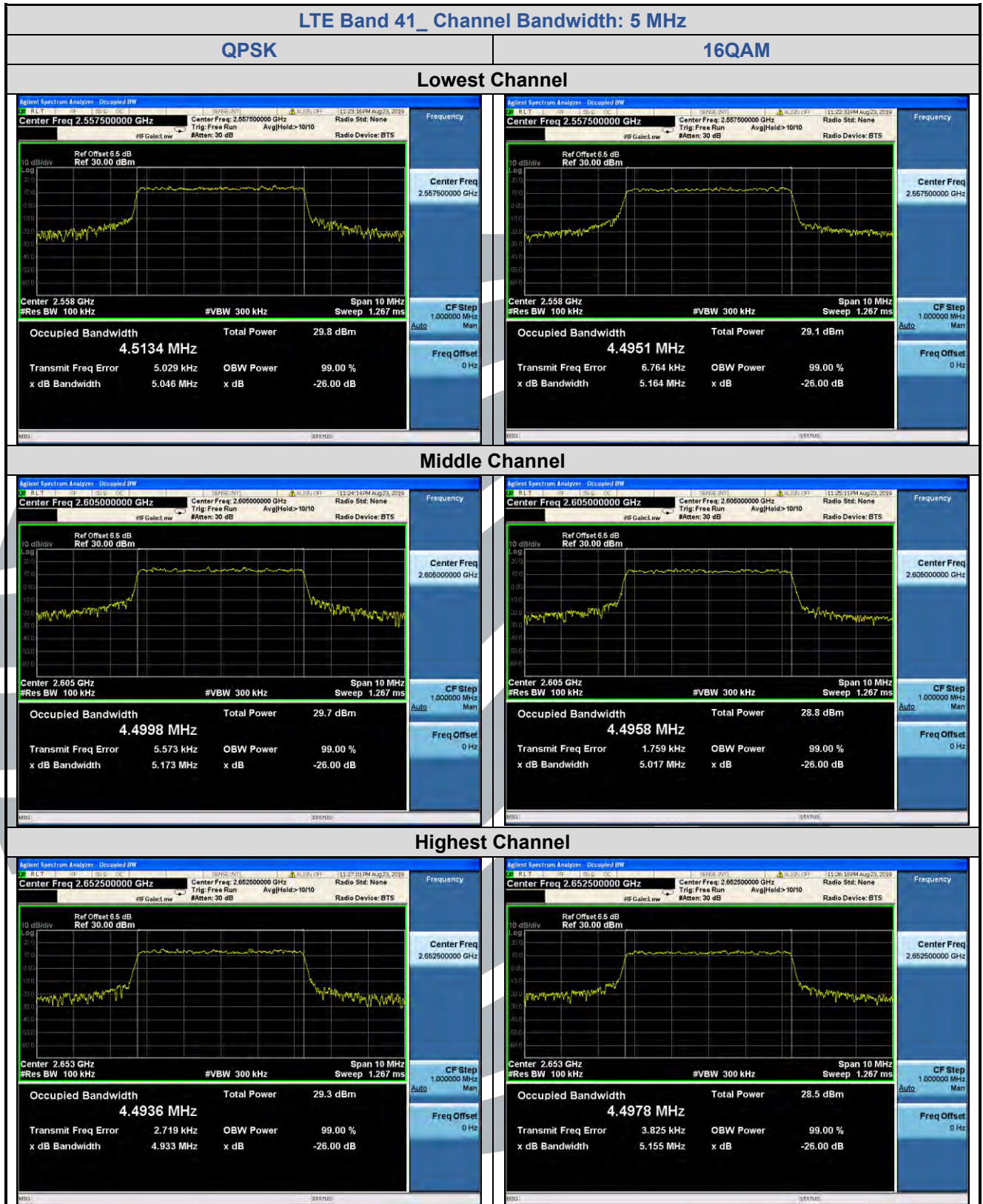


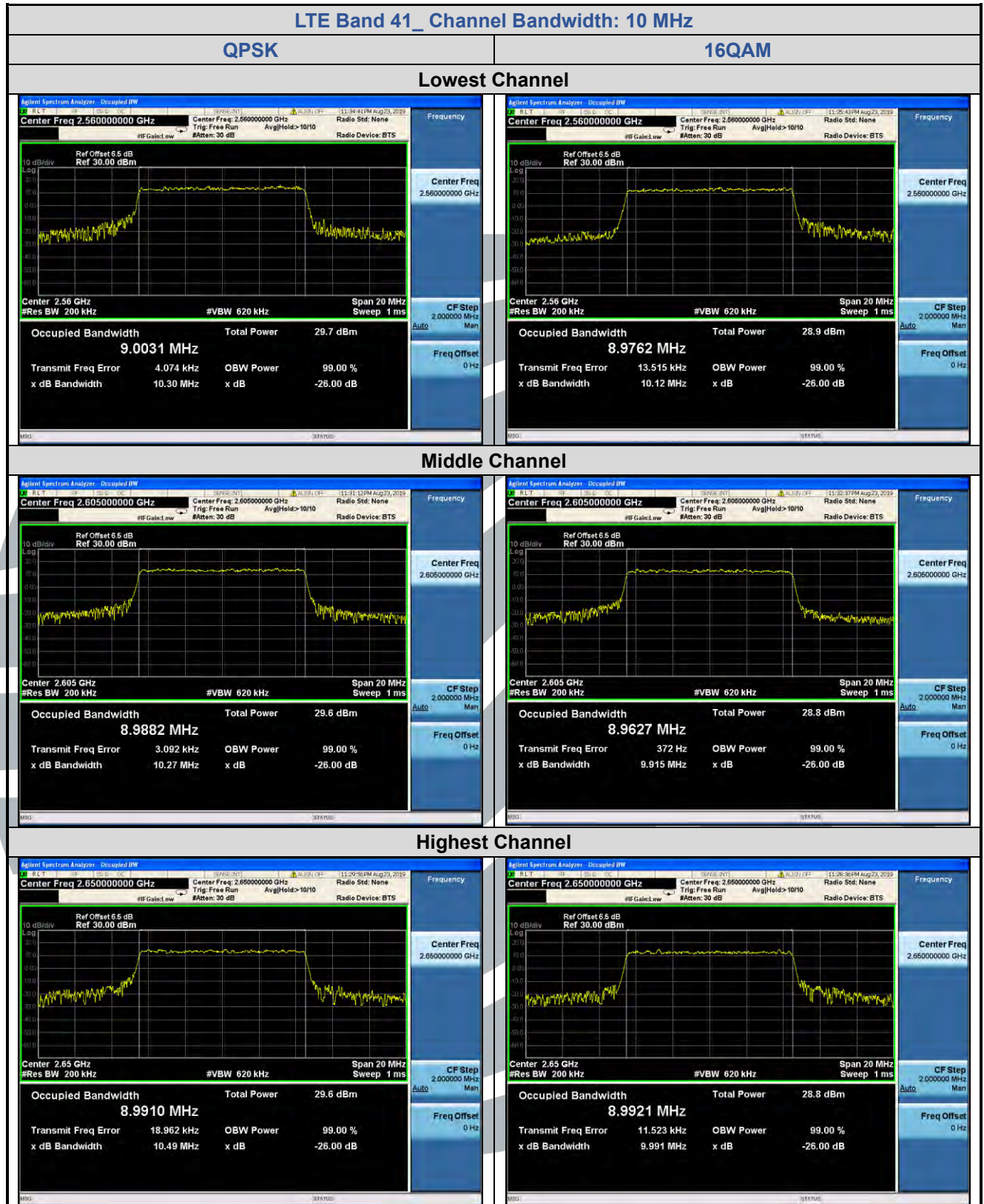




5.5.9 LTE Band 41

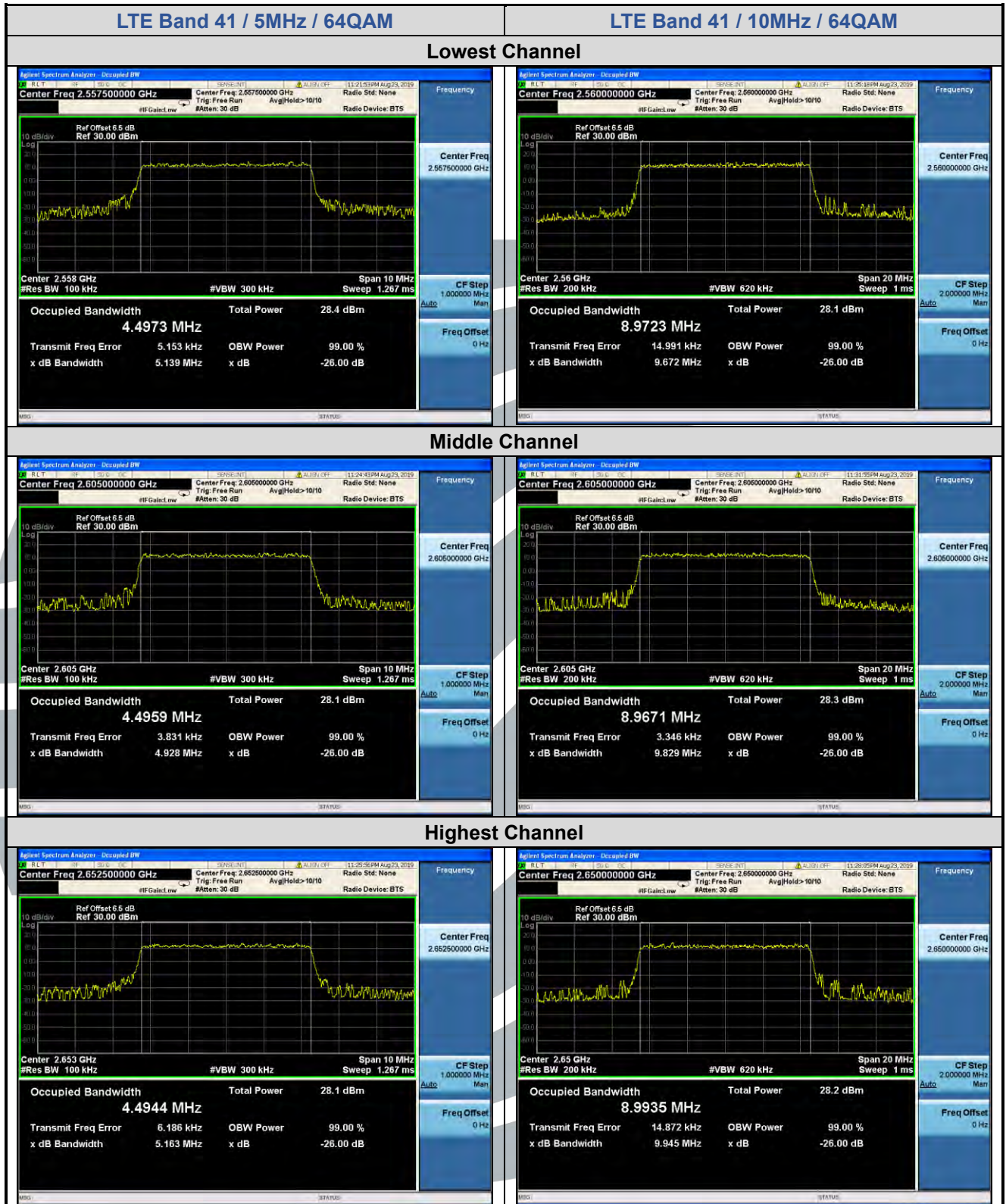
LTE Band 41								
Channel	RB Configuration		26 dB BW (MHz)			99% BW (MHz)		
	Size	Offset	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Channel Bandwidth: 5 MHz								
Lowest	25	0	5.046	5.164	5.139	4.5134	4.4951	4.4973
Middle	25	0	5.173	5.017	4.928	4.4998	4.4958	4.4959
Highest	25	0	4.933	5.155	5.163	4.4936	4.4978	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

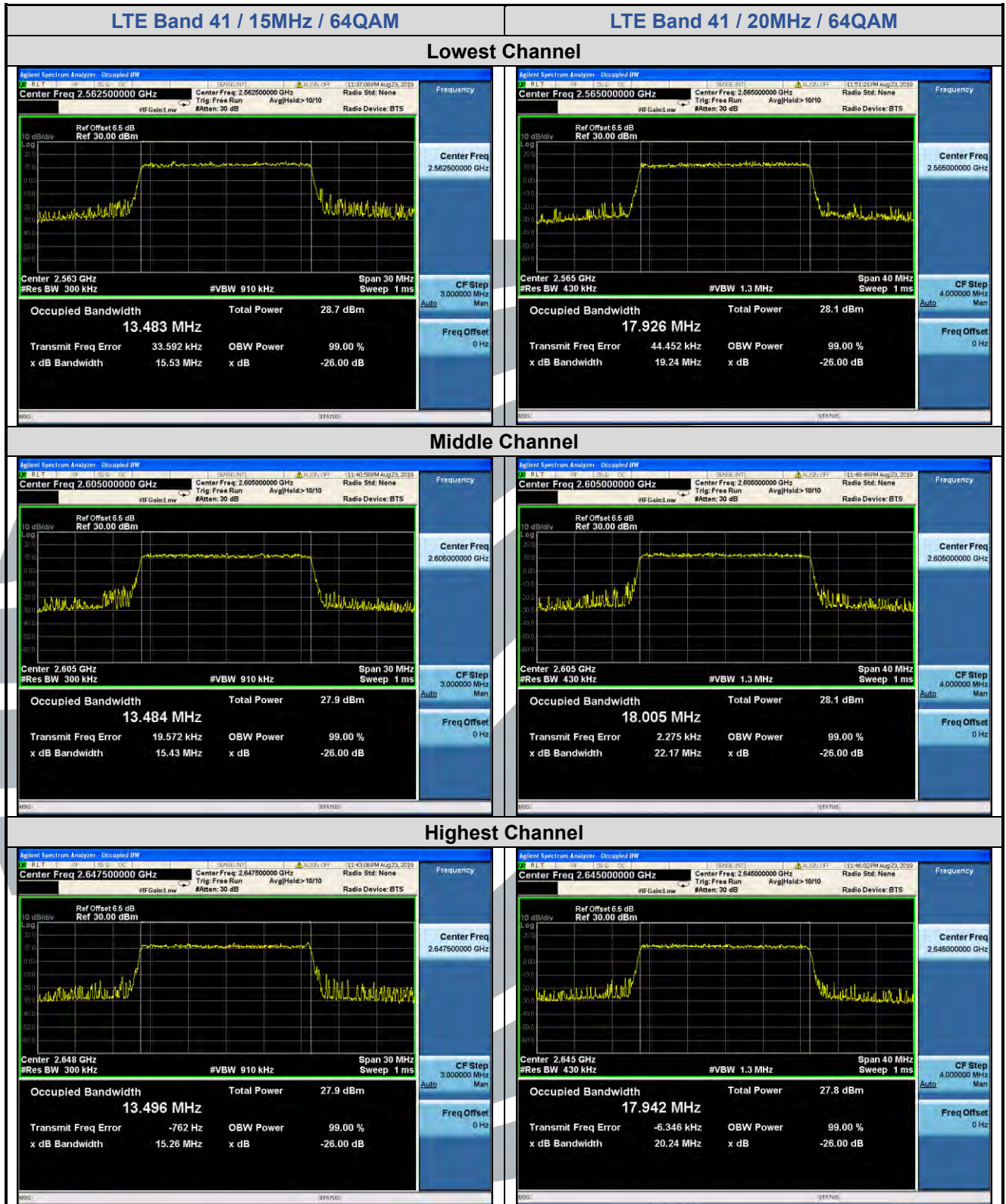






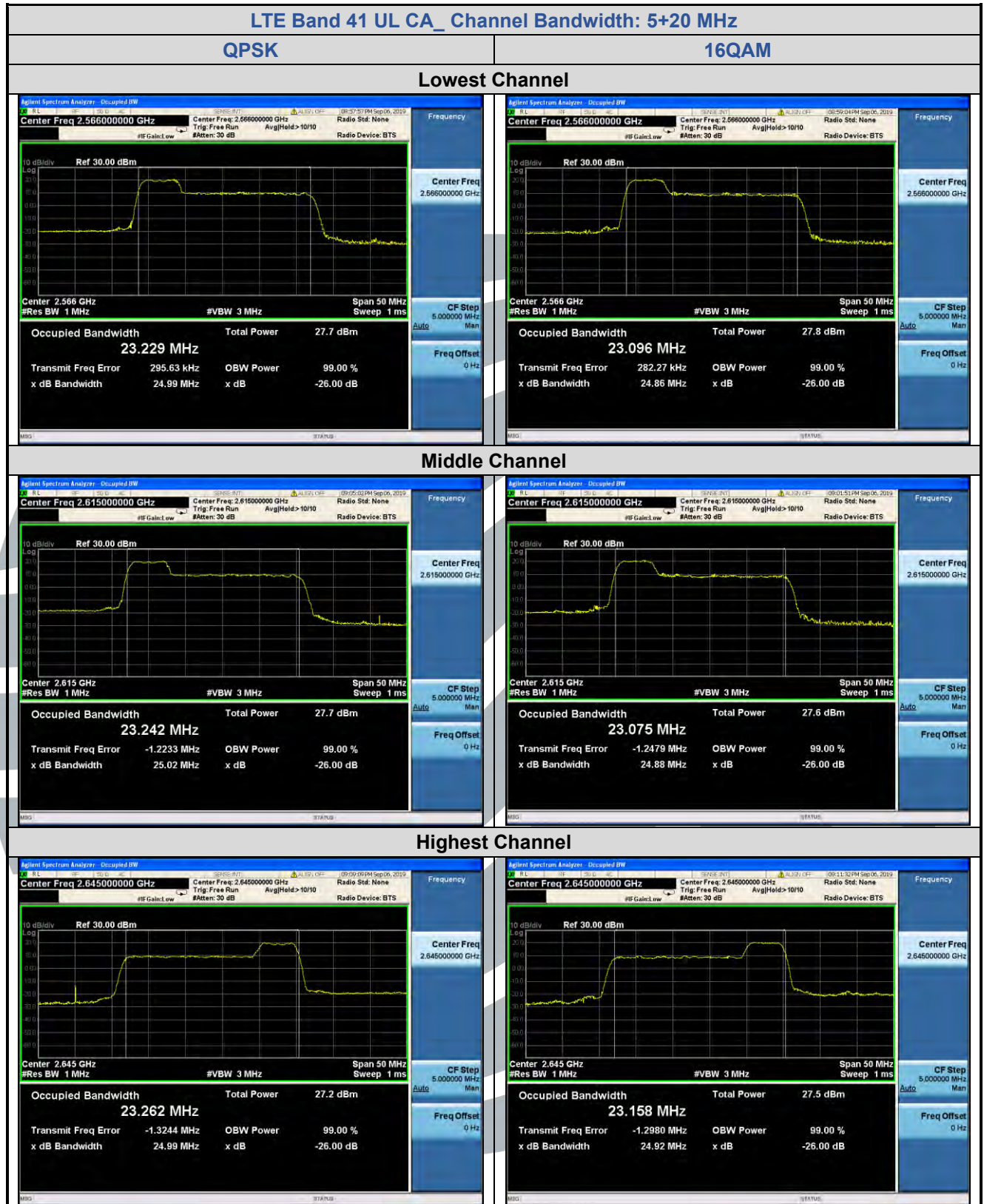


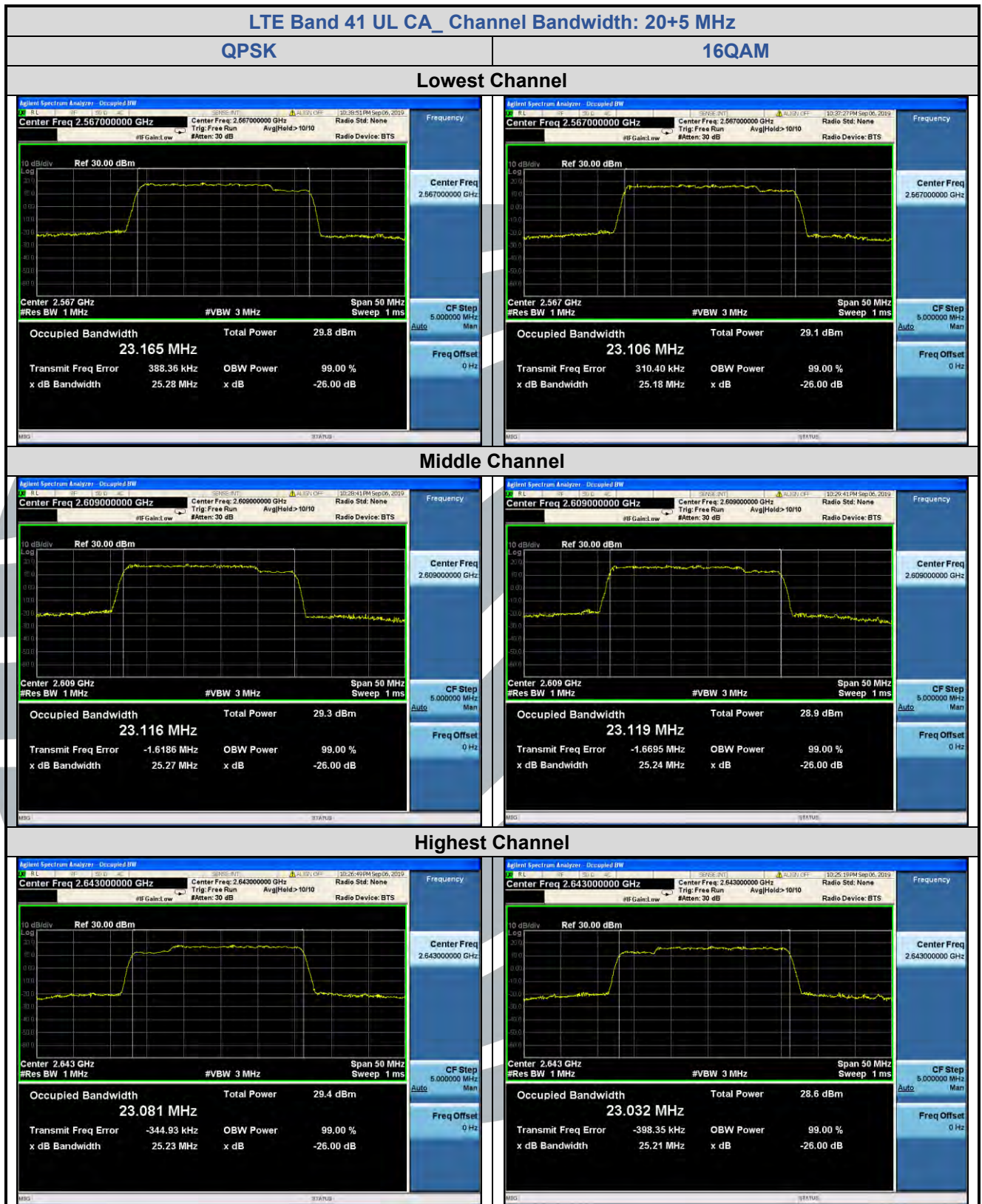


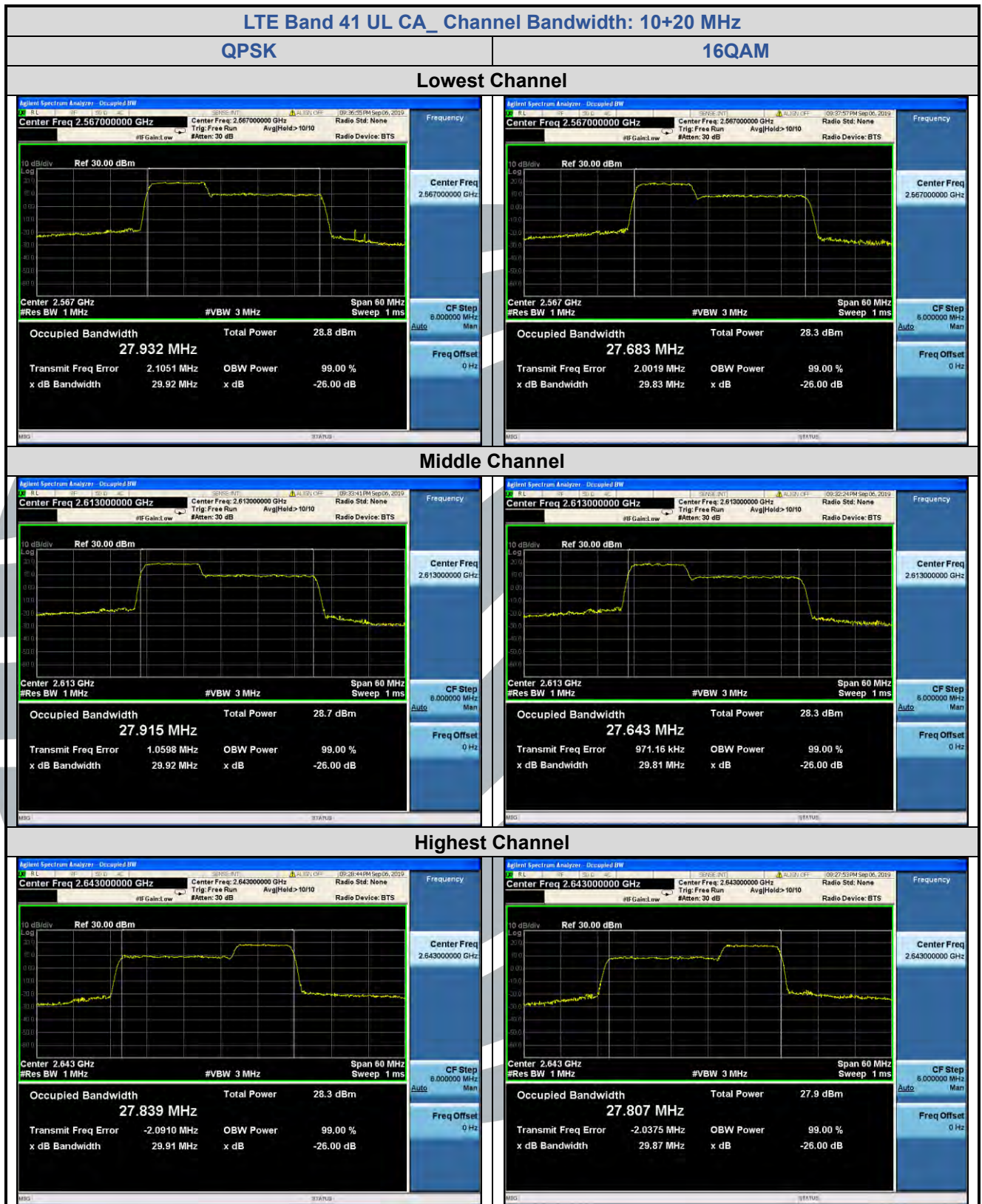


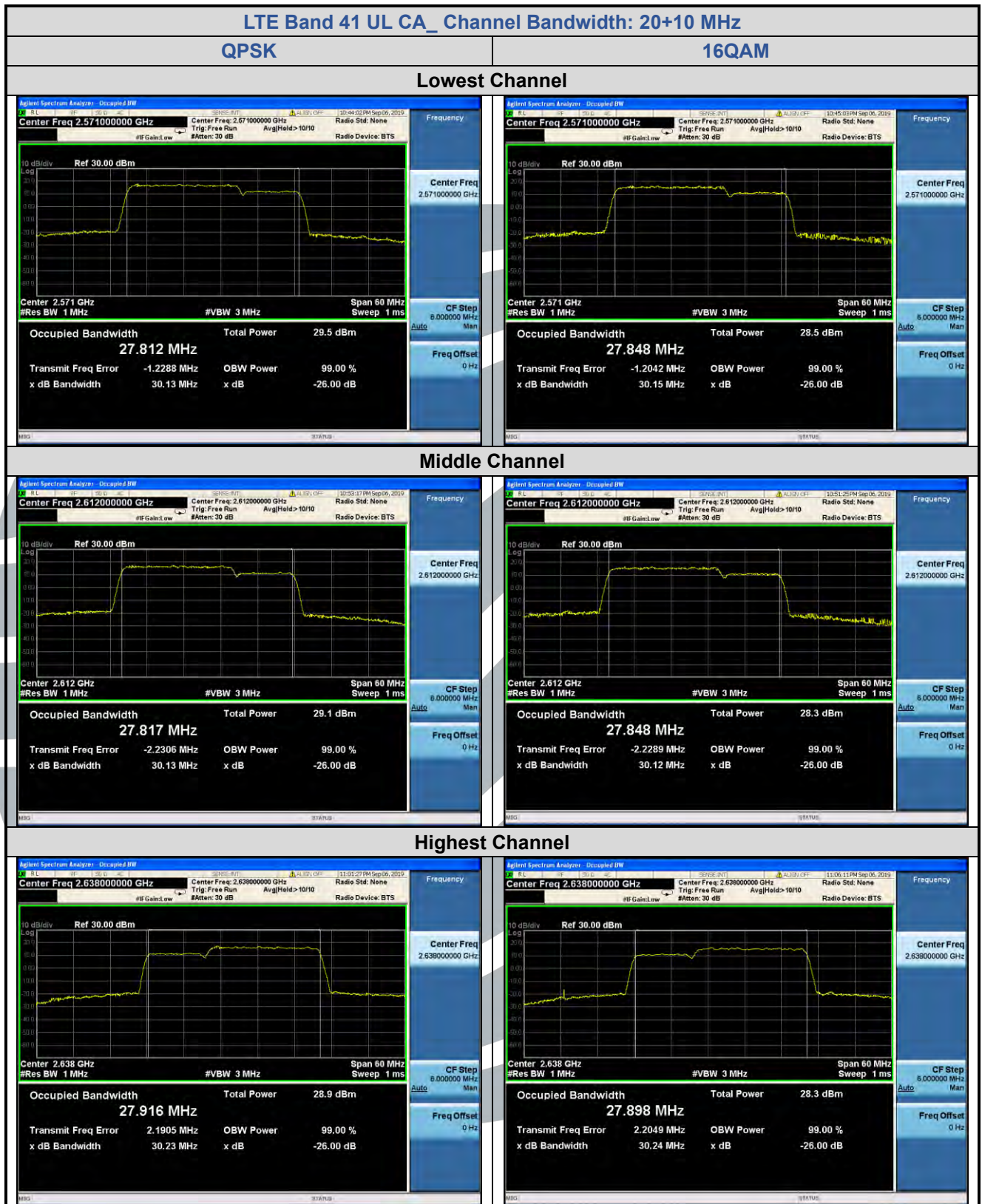
5.5.10 LTE Band 41 CA

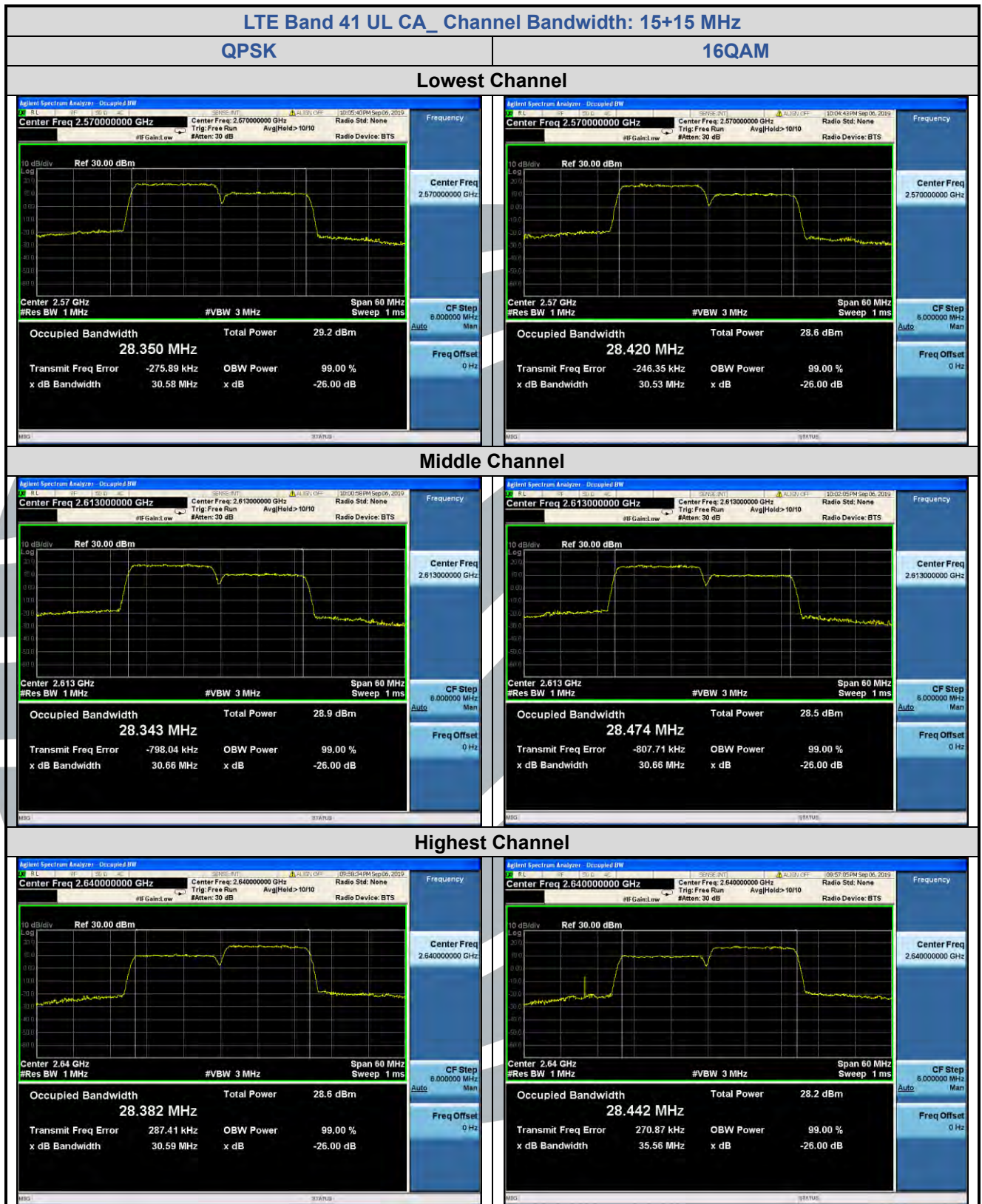
LTE Band 41 CA							
Channel	RB Allocation/RB Offset	26 dB BW (MHz)			99% BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Channel Bandwidth: 5+20MHz							
Lowest	25/0+100/0	24.99	24.86	24.85	23.229	23.096	23.032
Middle		25.02	24.88	24.83	23.242	23.075	23.006
Highest		24.99	24.92	24.82	23.262	23.158	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	13.294	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

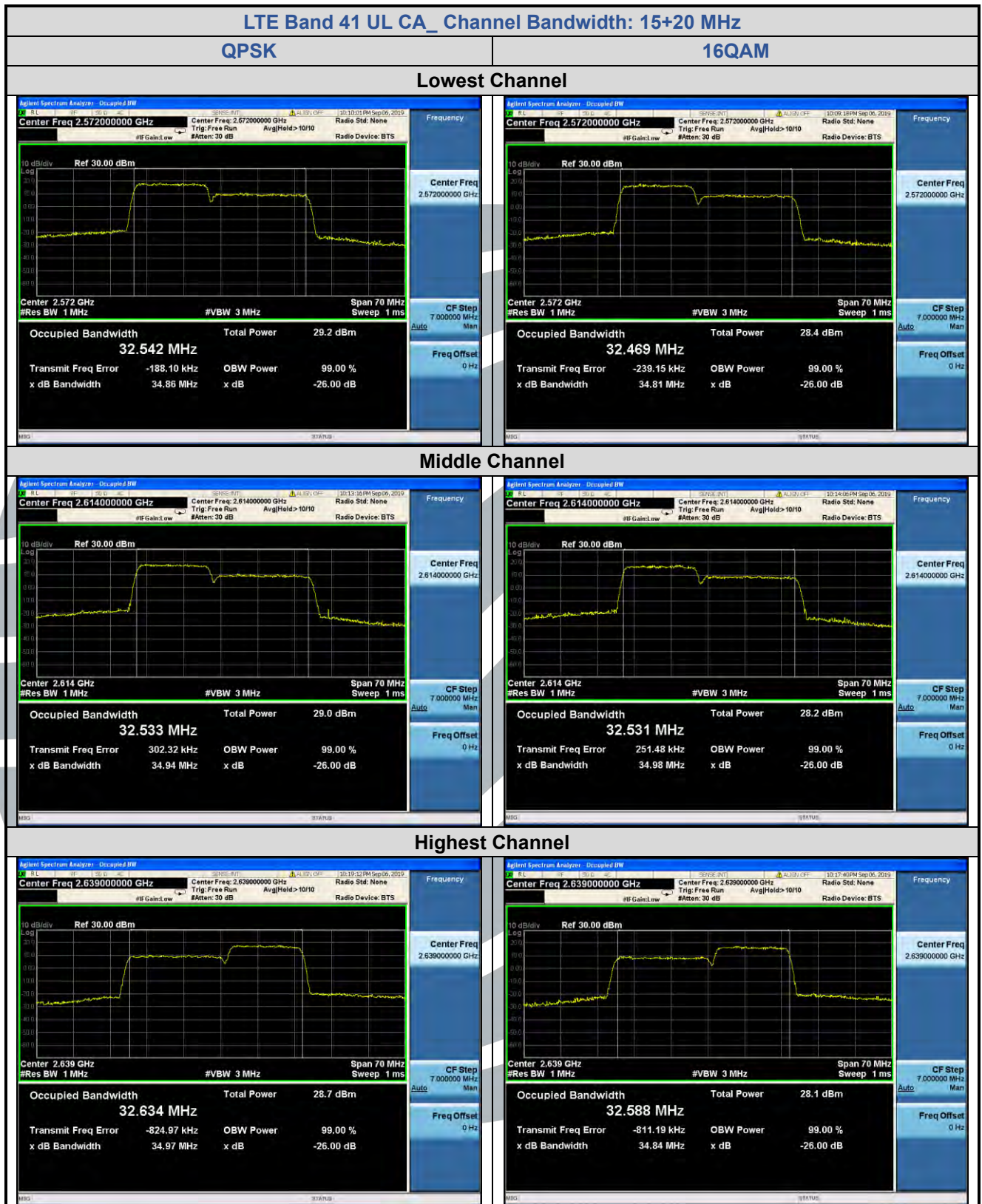


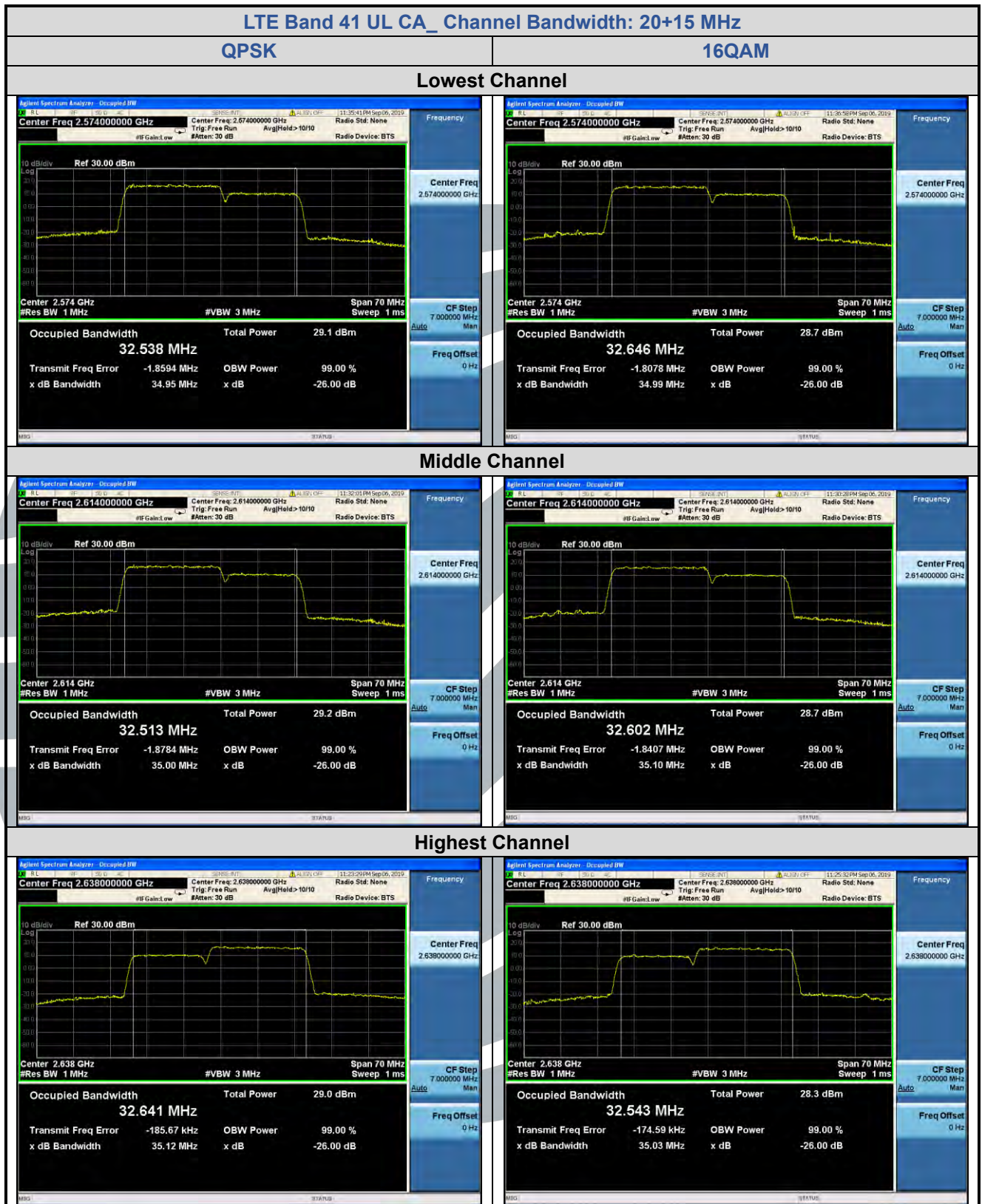


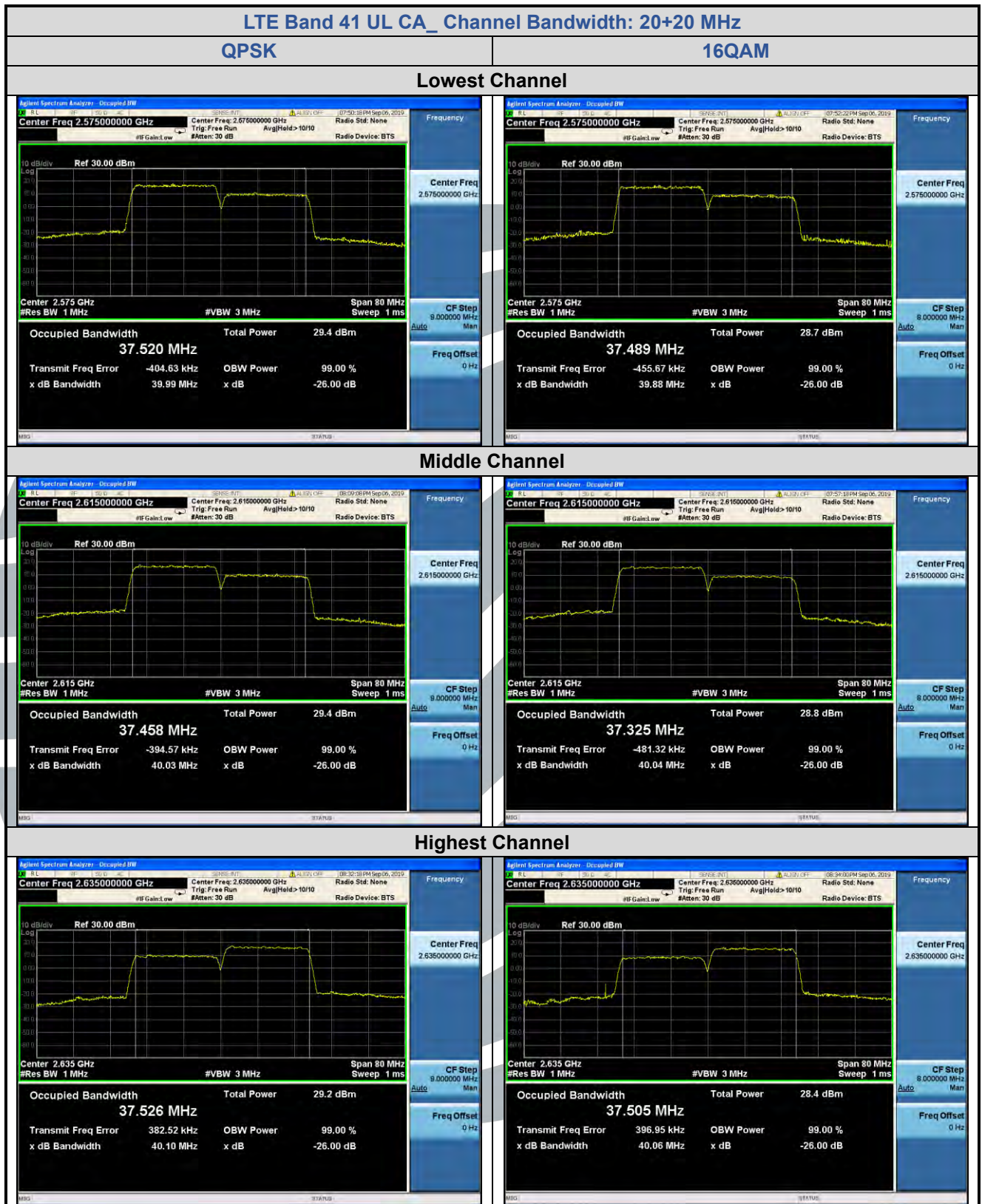


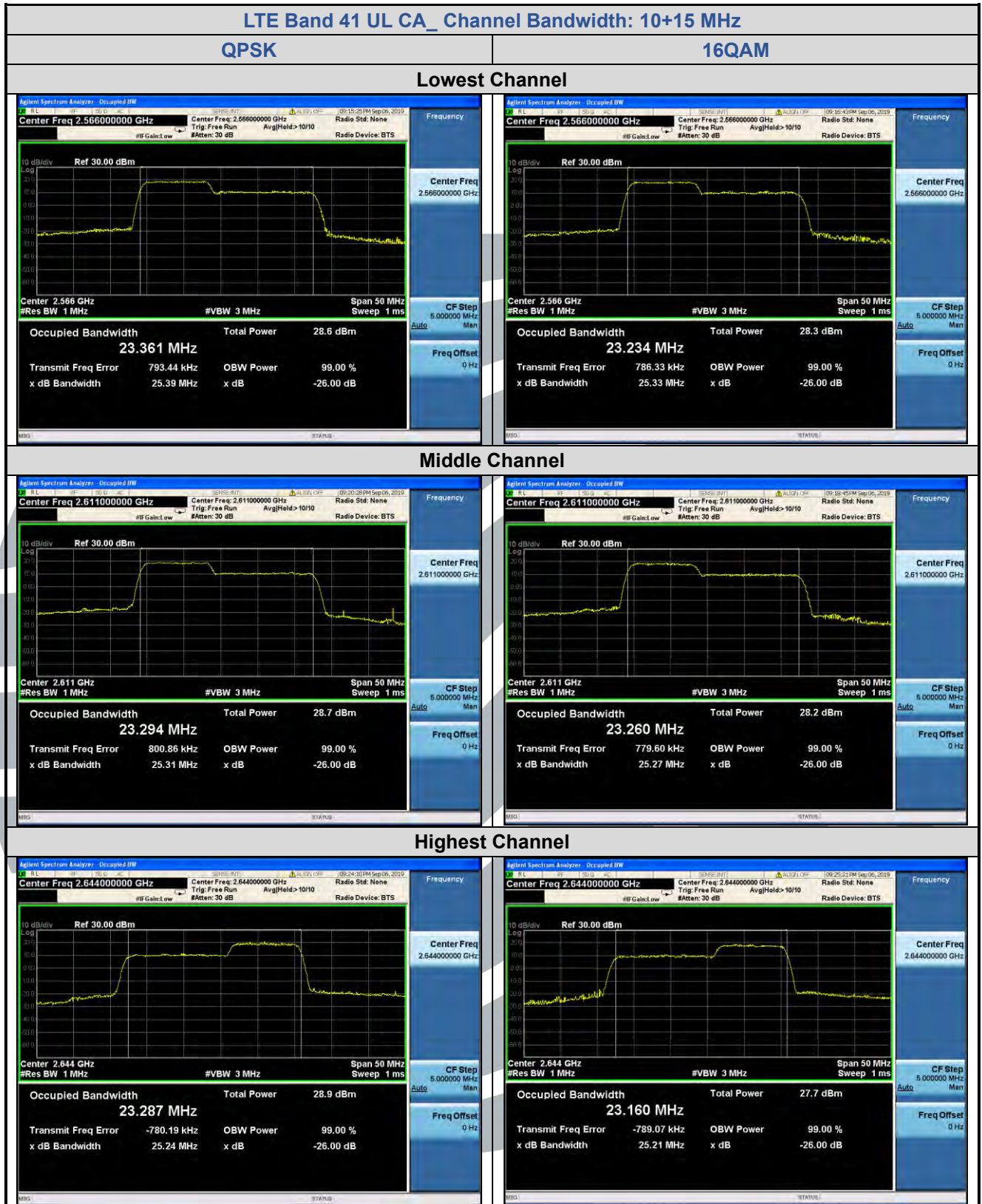


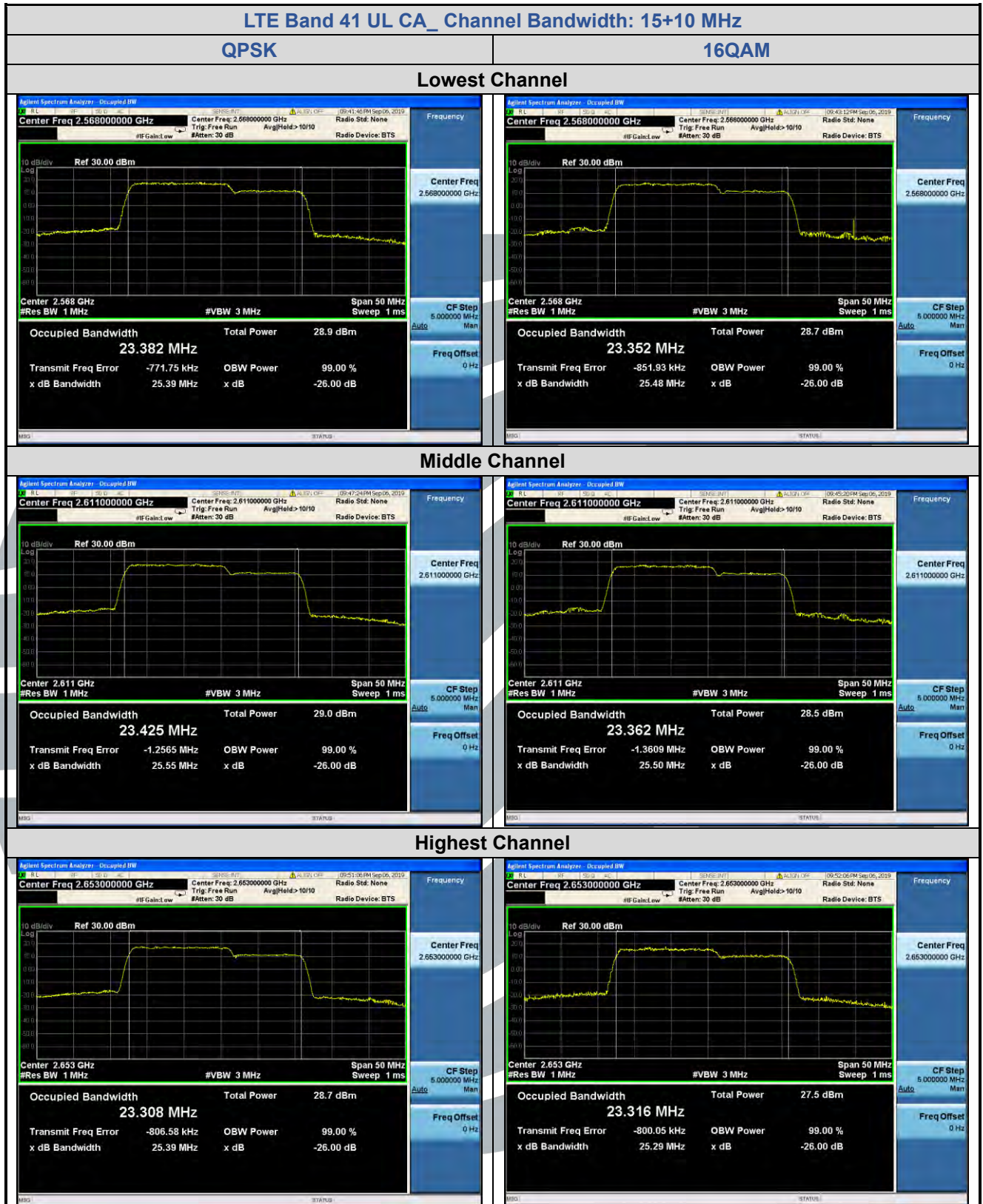


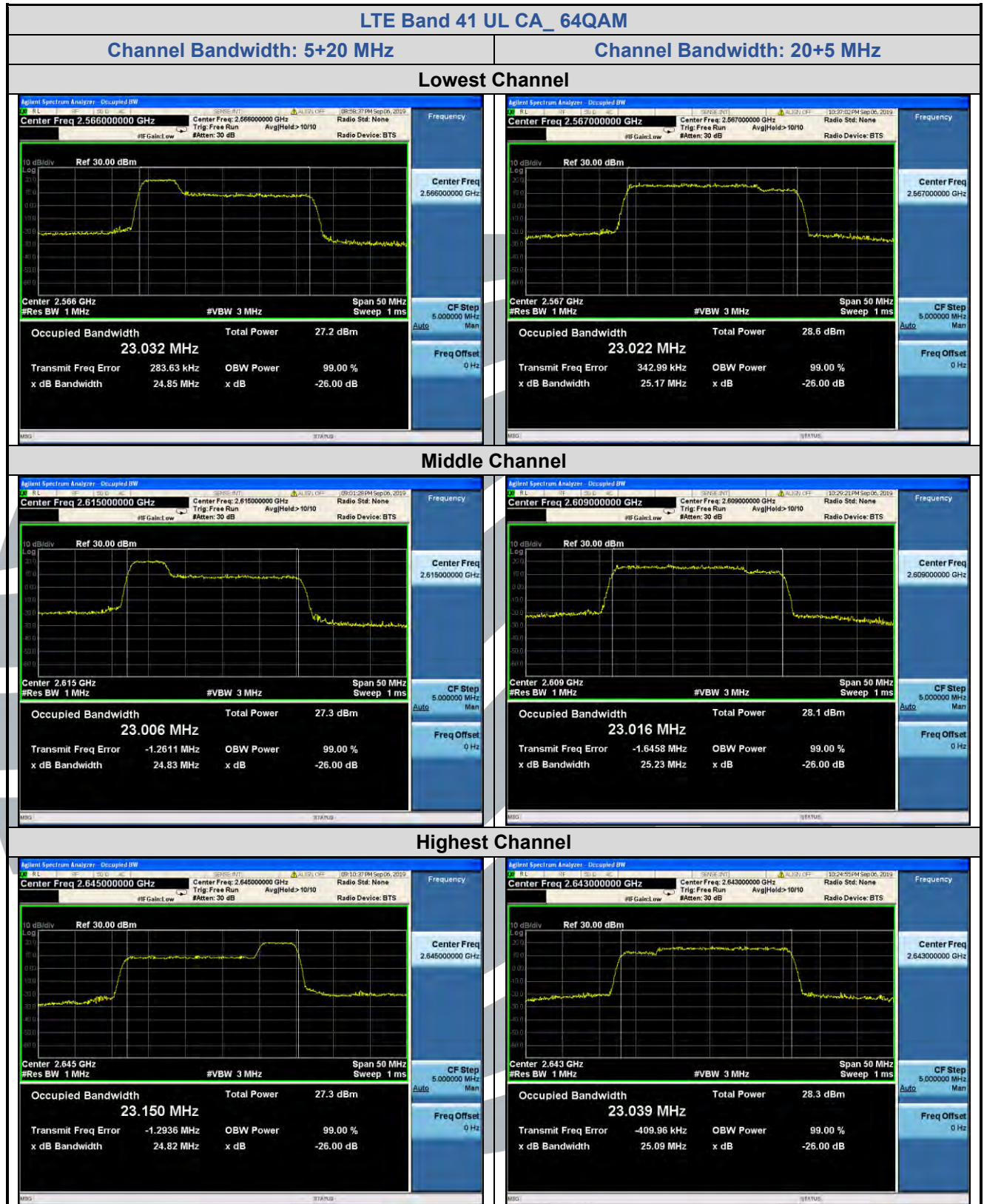


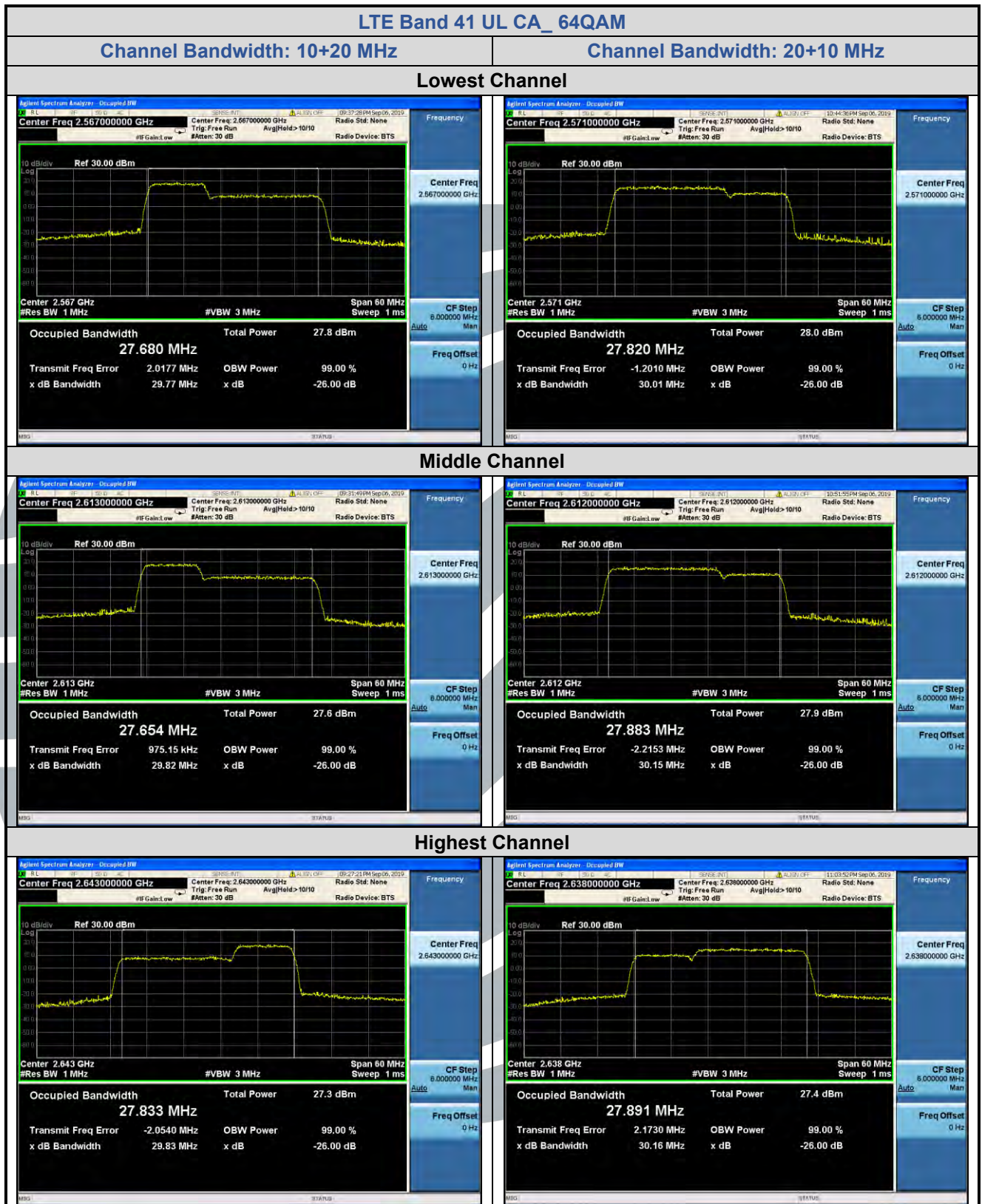


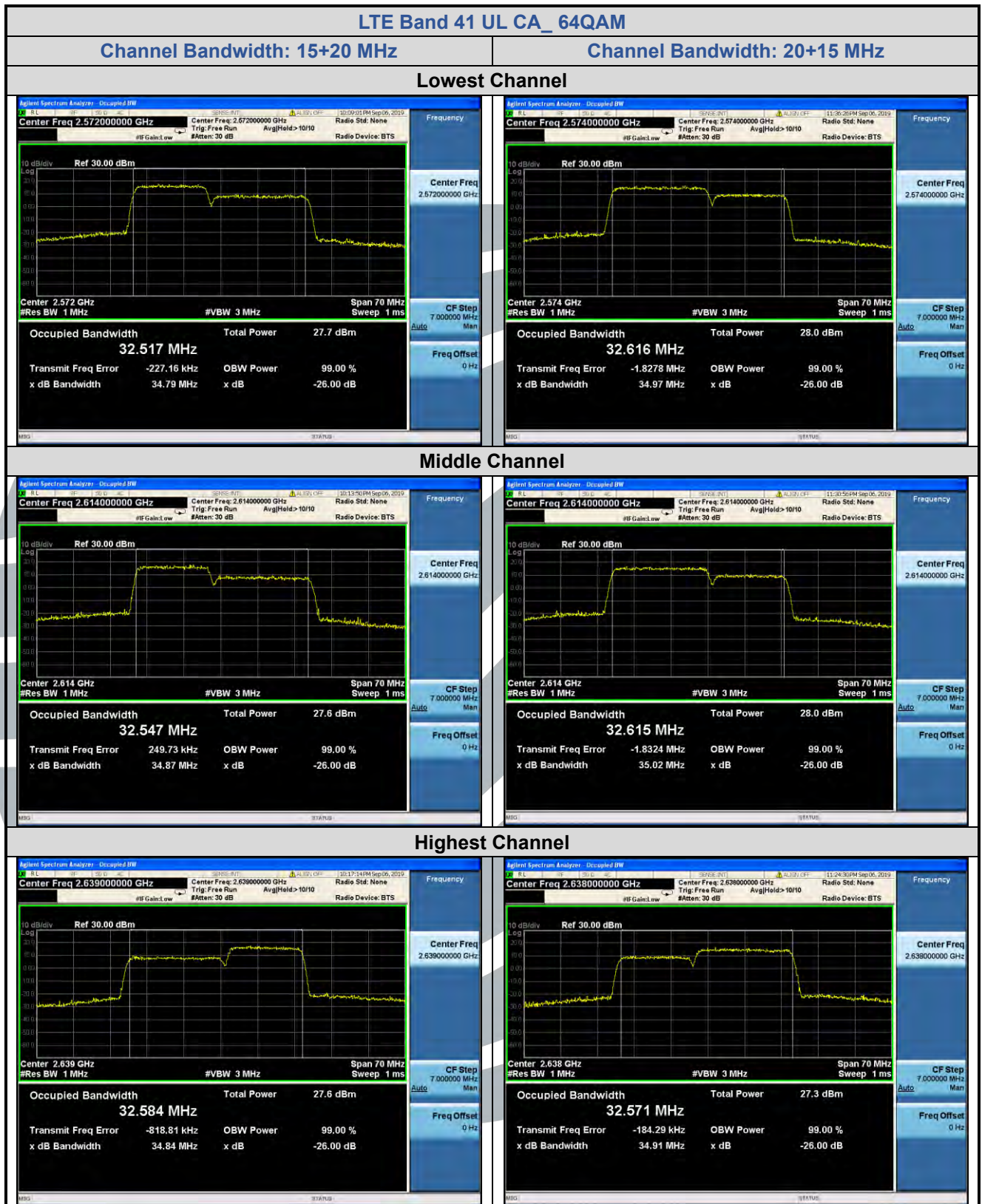


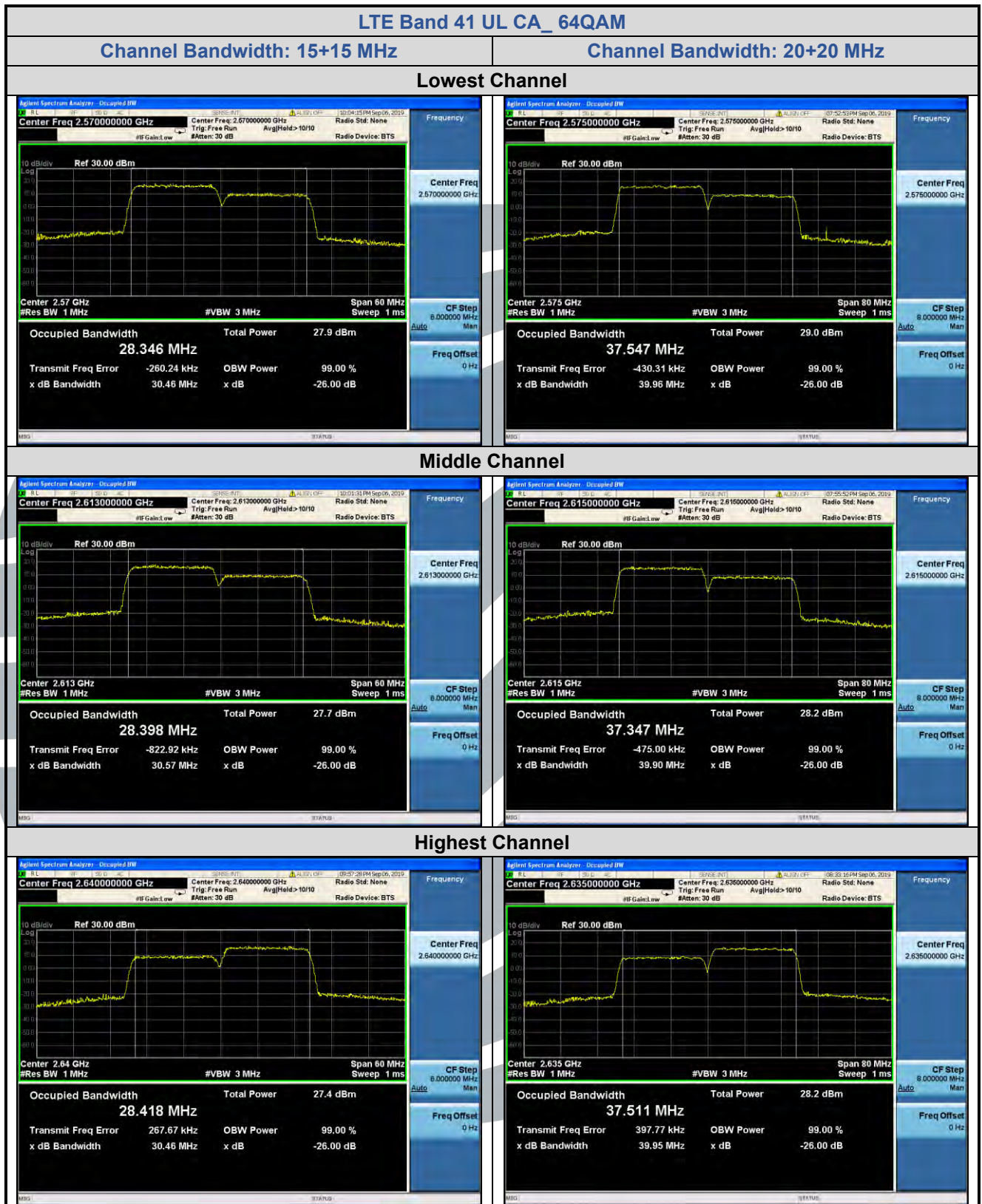


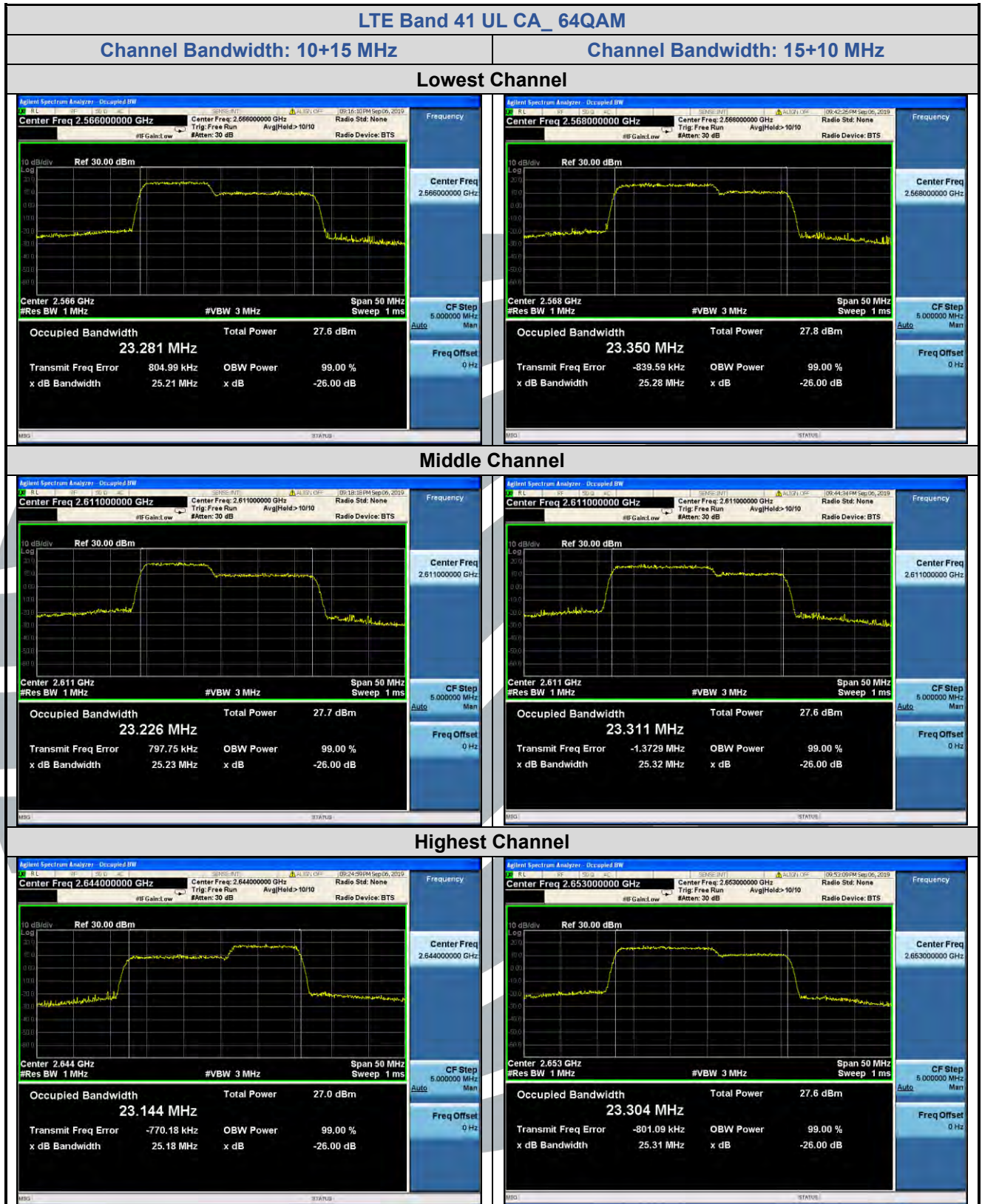












5.5.11 LTE Band 66

LTE Band 66								
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	1.285	1.309	1.312	1.0910	1.0980	1.0968
Middle	6	0	1.289	1.280	1.270	1.0962	1.0925	1.0917
Highest	6	0	1.282	1.290	1.280	1.1025	1.0926	1.0923
Channel Bandwidth: 3 MHz								
Lowest	15	0	2.919	2.921	2.930	2.6946	2.6864	2.6836
Middle	15	0	2.927	2.928	2.926	2.6944	2.6894	2.6880
Highest	15	0	2.924	2.933	2.928	2.6896	2.6873	2.6848
Channel Bandwidth: 5 MHz								
Lowest	25	0	5.178	5.174	5.136	4.5295	4.5153	4.5115
Middle	25	0	5.199	5.120	5.176	4.5158	4.5363	4.5212
Highest	25	0	5.167	5.224	5.207	4.5113	4.5404	4.5334
Channel Bandwidth: 10 MHz								
Lowest	50	0	10.18	10.09	10.06	9.0222	9.0107	8.9963
Middle	50	0	10.14	10.14	10.12	9.0100	9.0129	8.9953
Highest	50	0	10.07	10.10	10.04	8.9945	9.0092	9.0047
Channel Bandwidth: 15 MHz								
Lowest	75	0	15.13	14.97	14.93	13.527	13.515	13.499
Middle	75	0	15.09	15.05	15.02	13.472	13.505	13.506
Highest	75	0	15.19	14.96	14.88	13.507	13.495	13.498
Channel Bandwidth: 20 MHz								
Lowest	100	0	19.70	19.65	19.85	17.969	17.998	18.005
Middle	100	0	19.67	19.79	19.81	18.024	18.053	18.060
Highest	100	0	19.81	19.80	19.72	18.045	18.021	18.023

