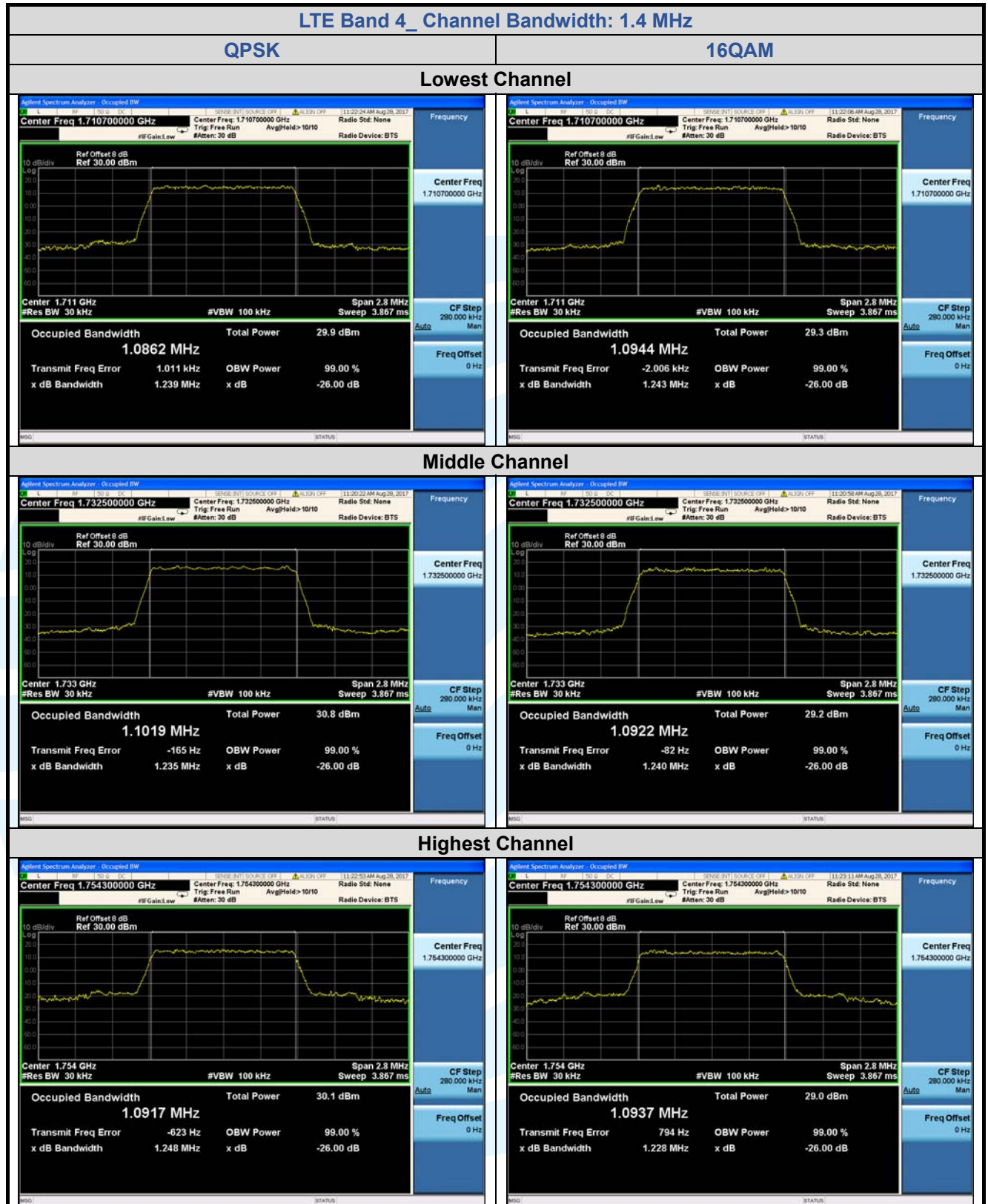
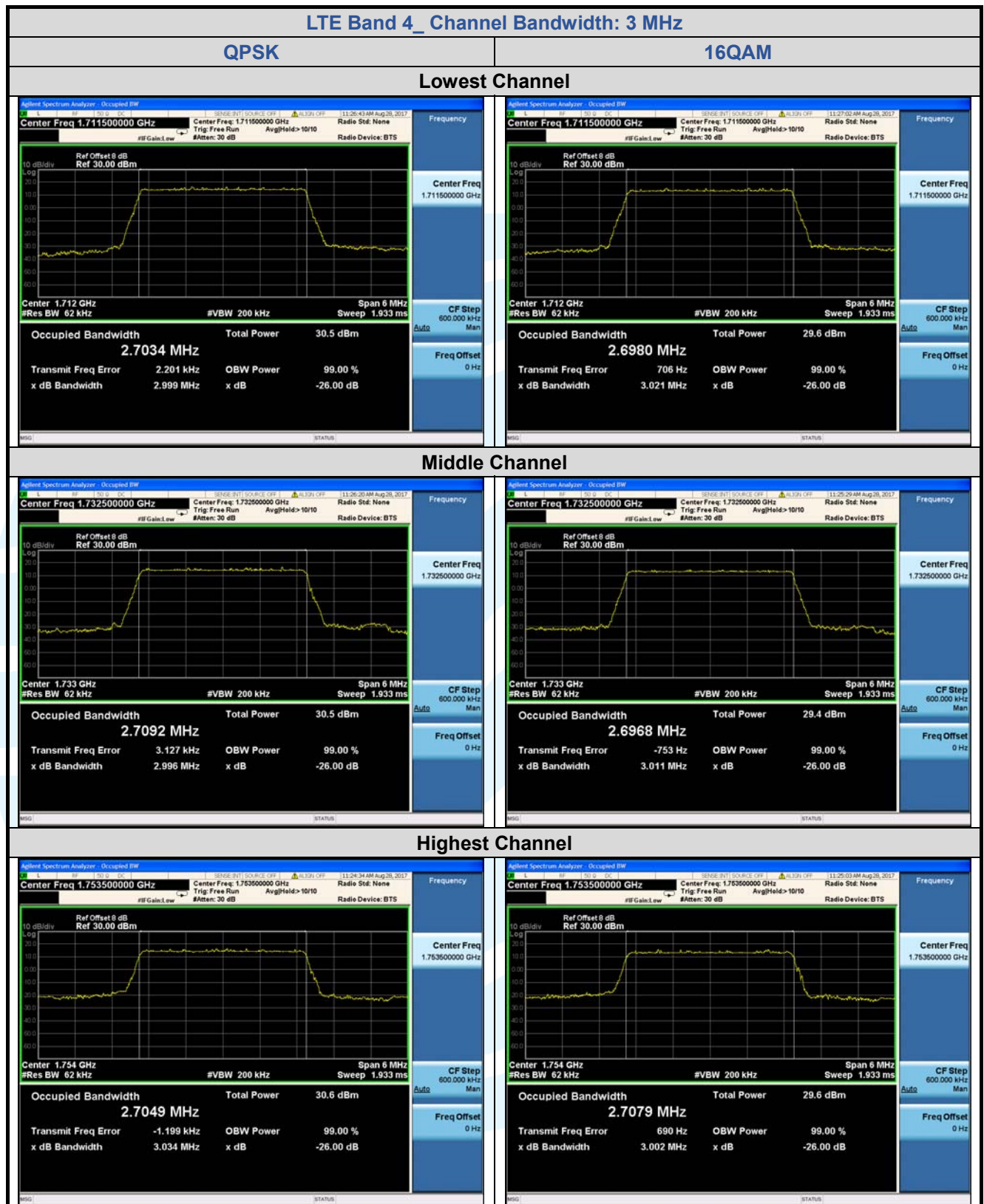
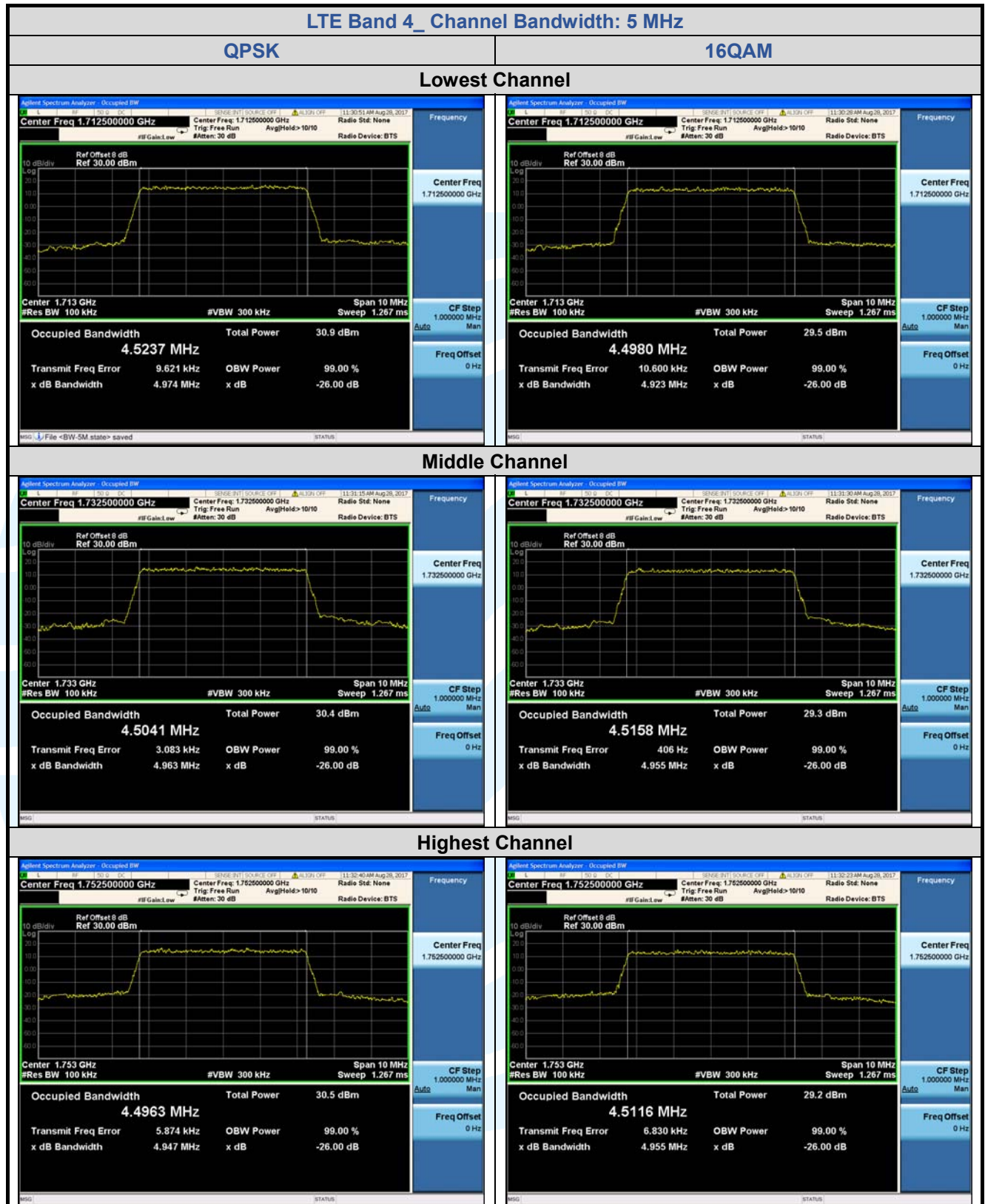
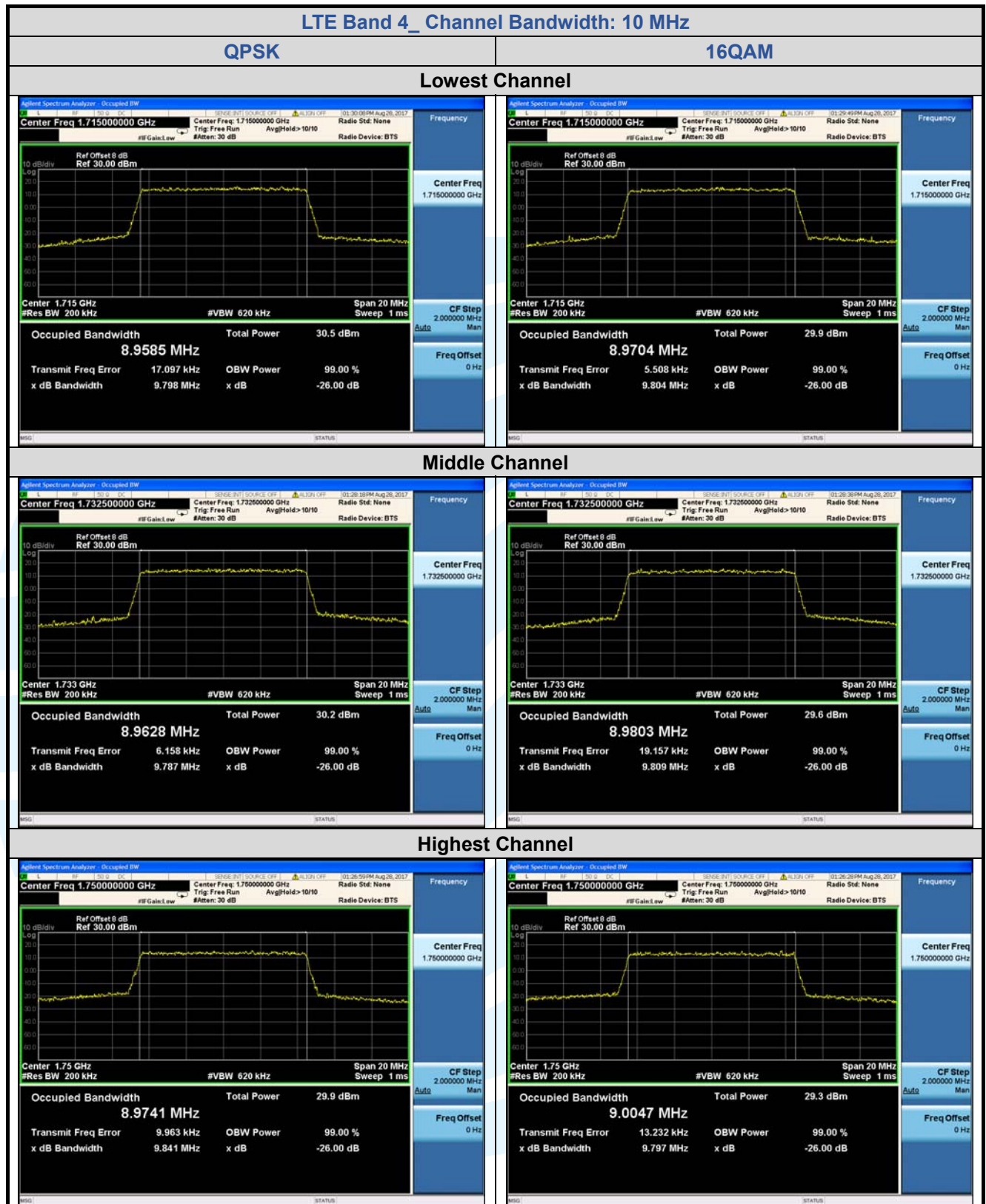
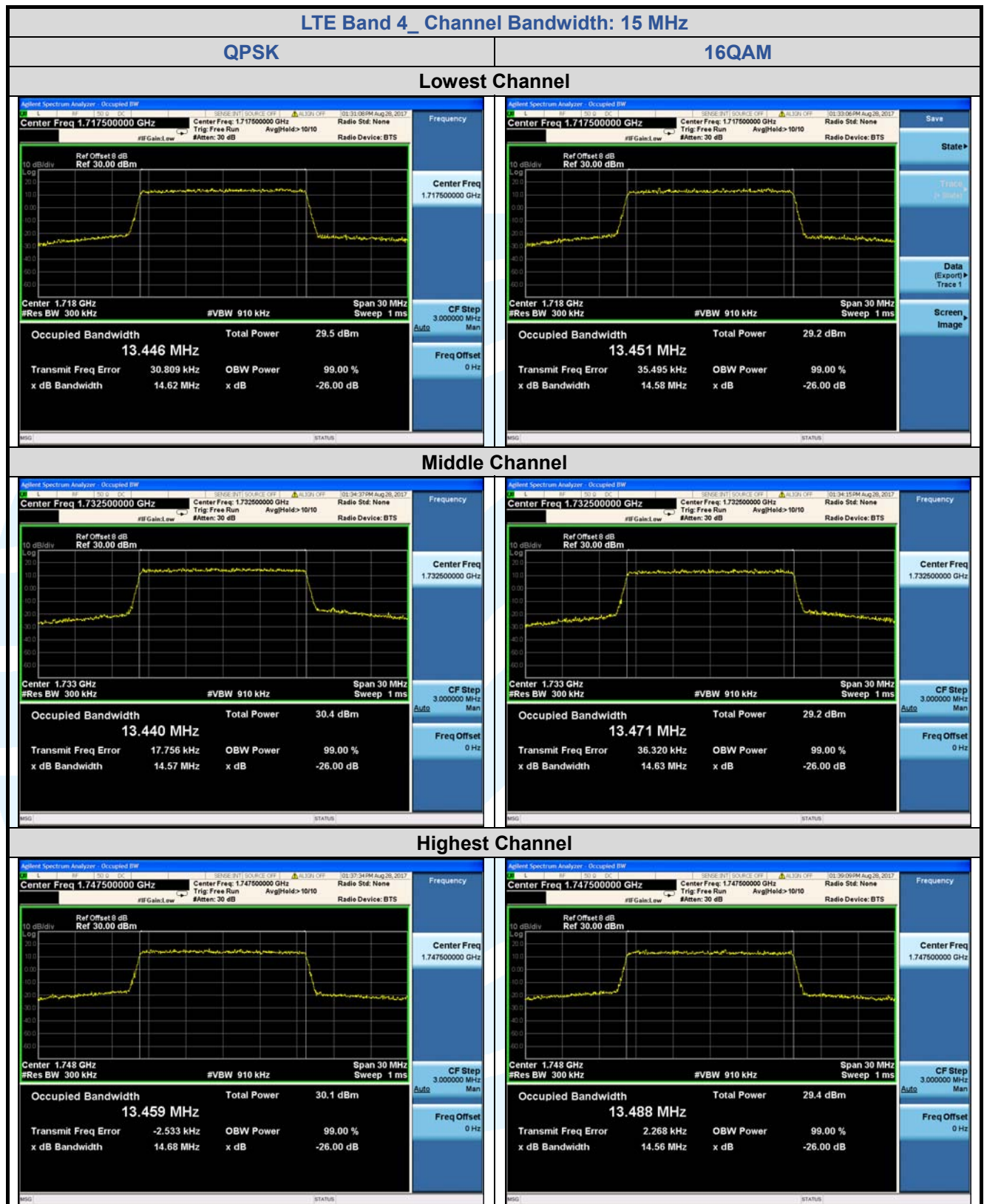


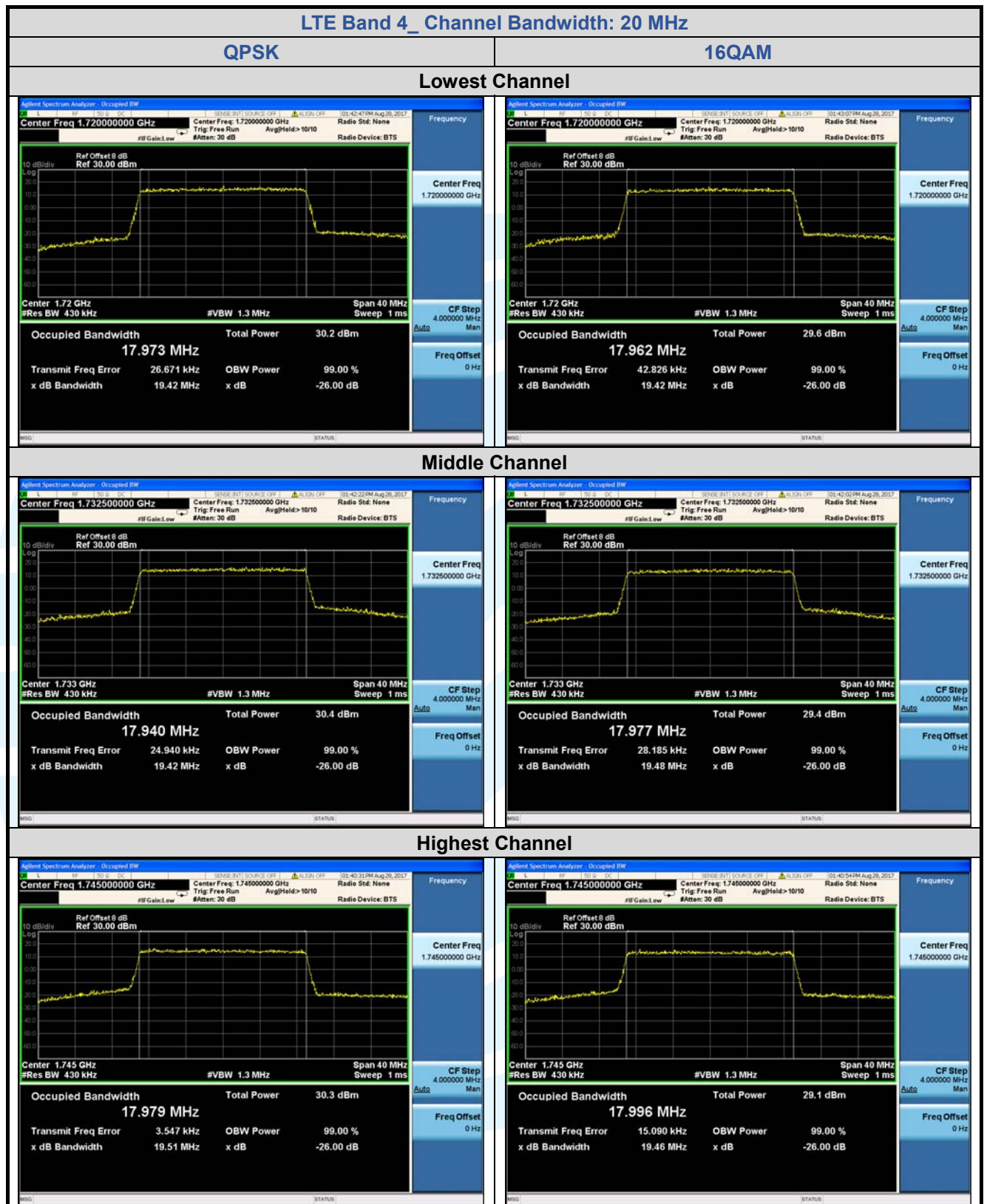


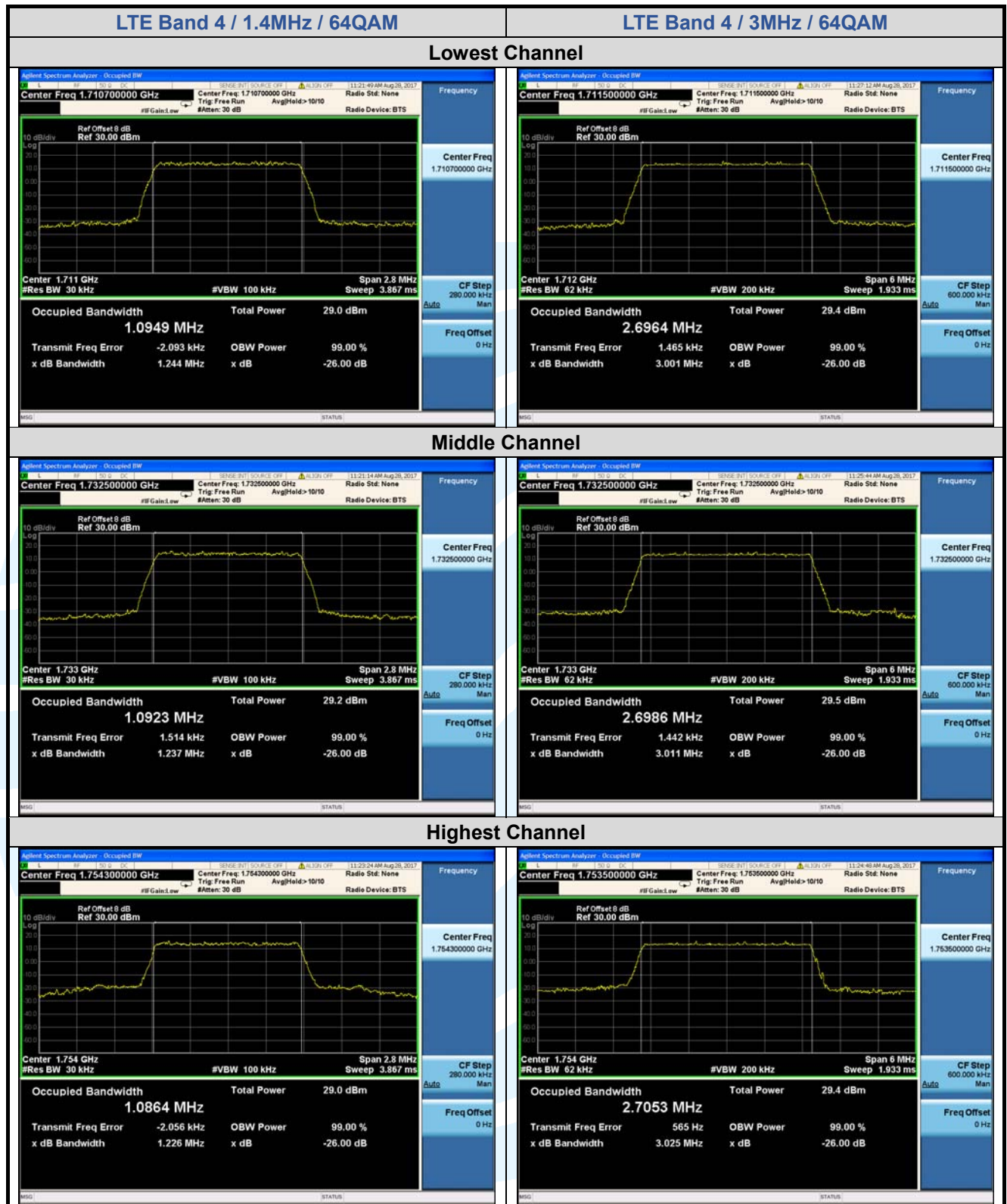


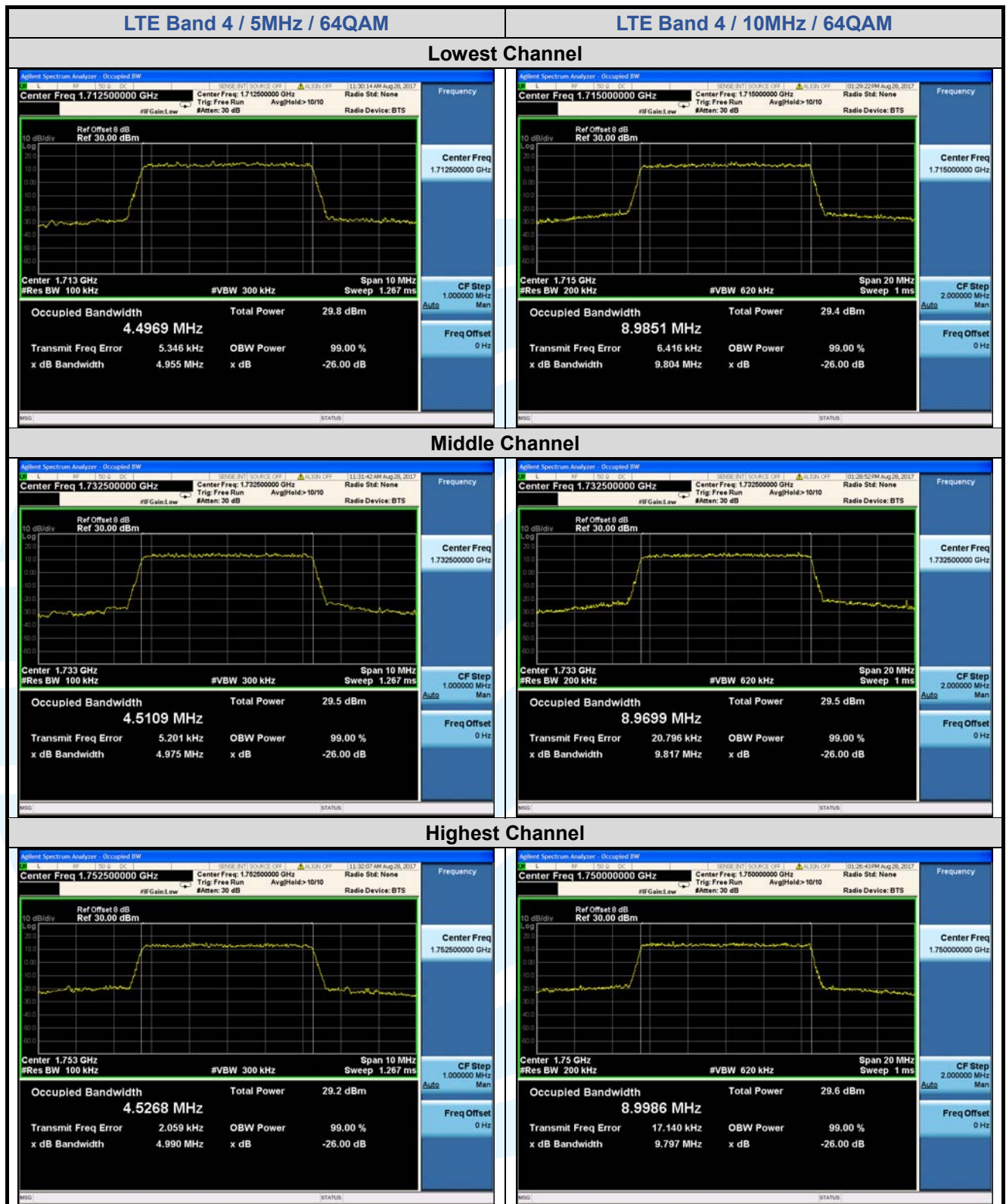


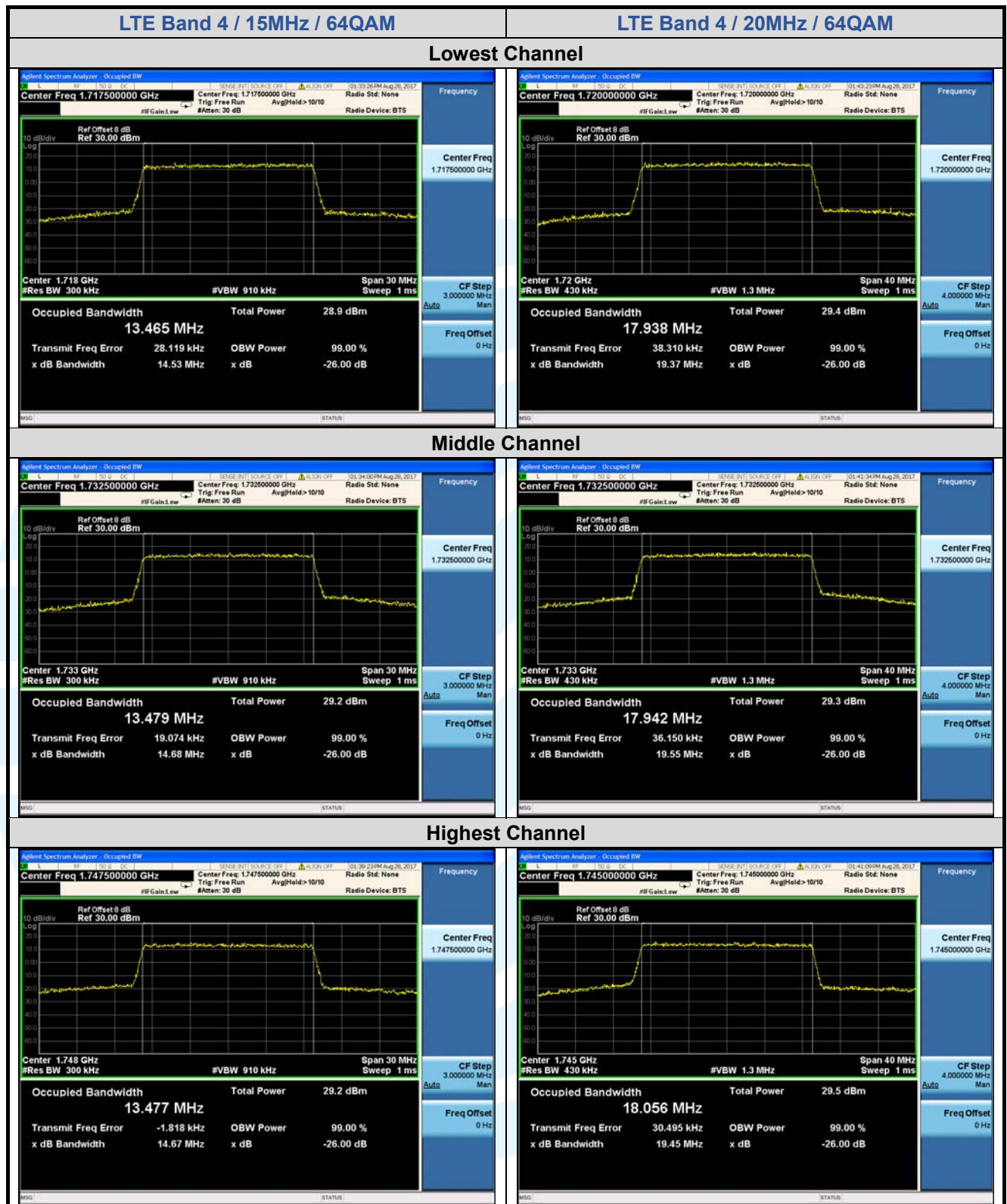






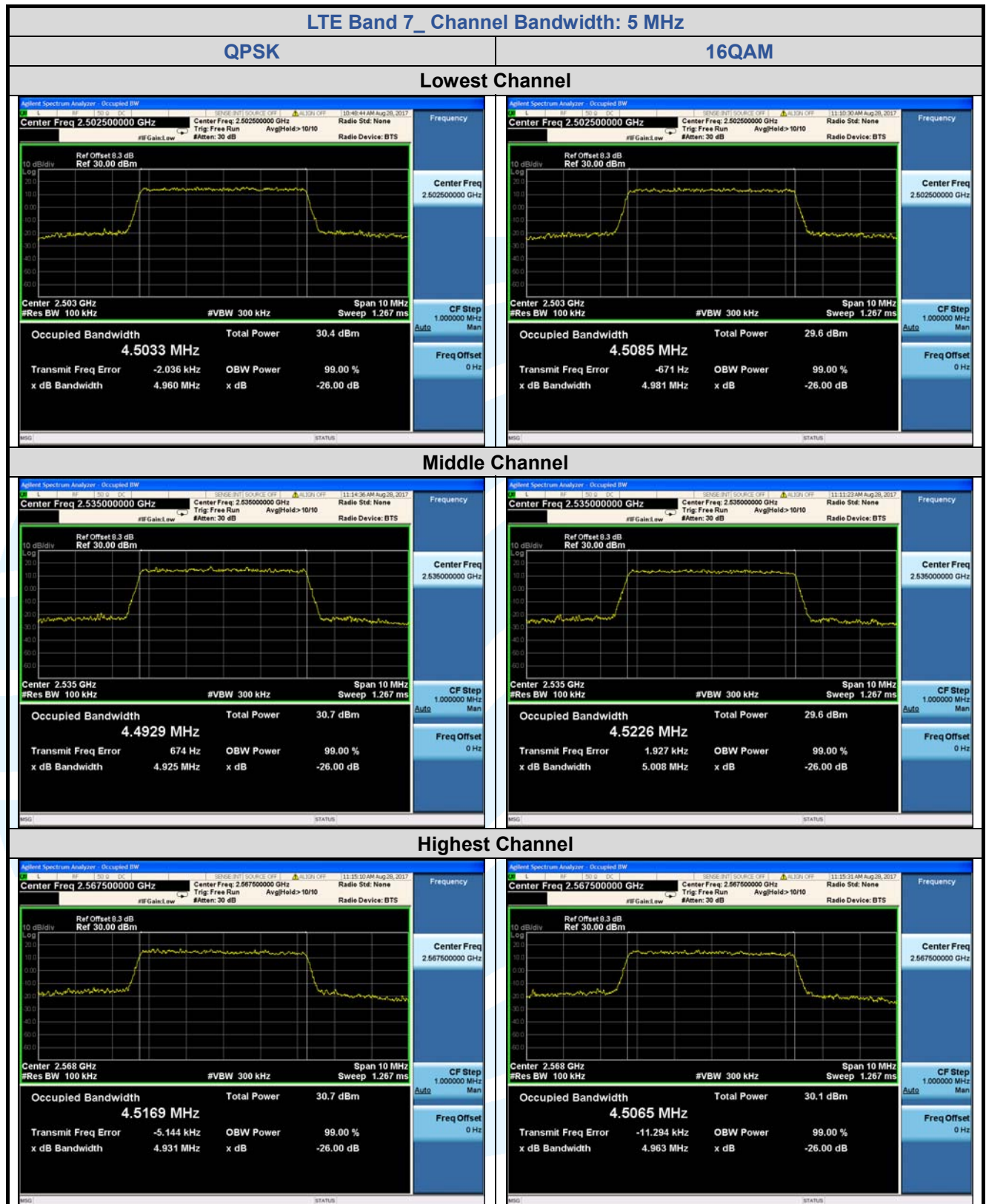


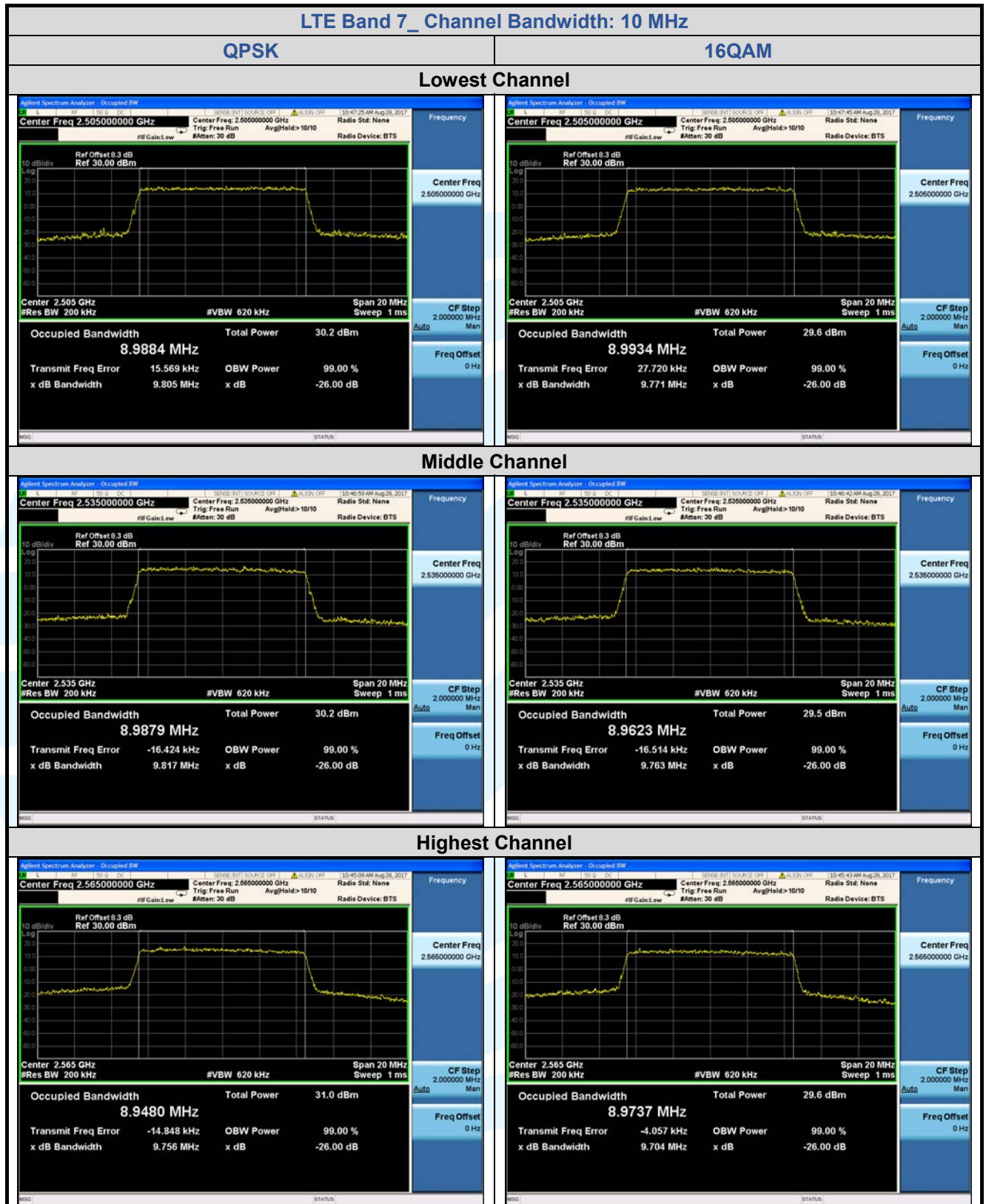


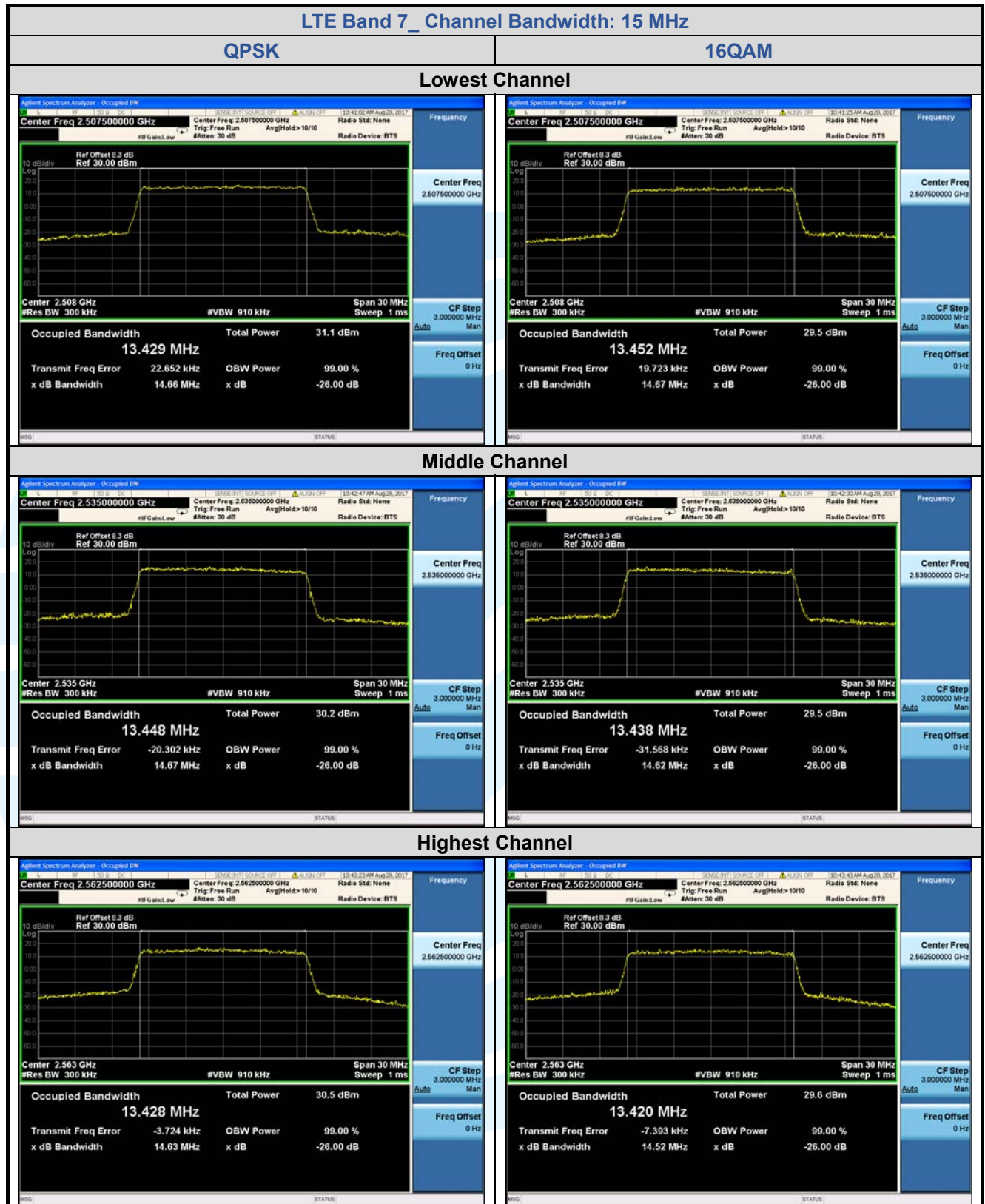


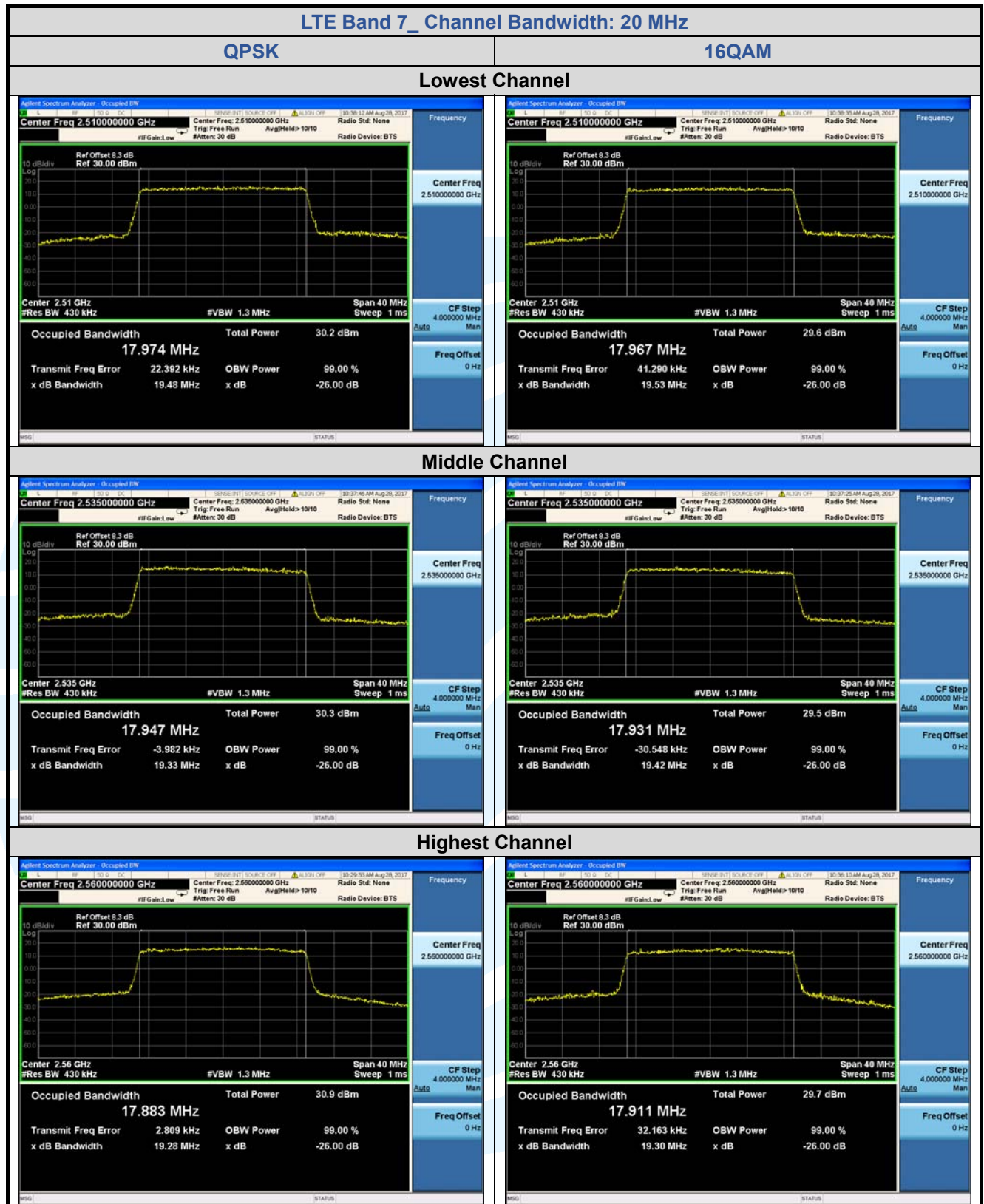
5.5.3 LTE Band 7

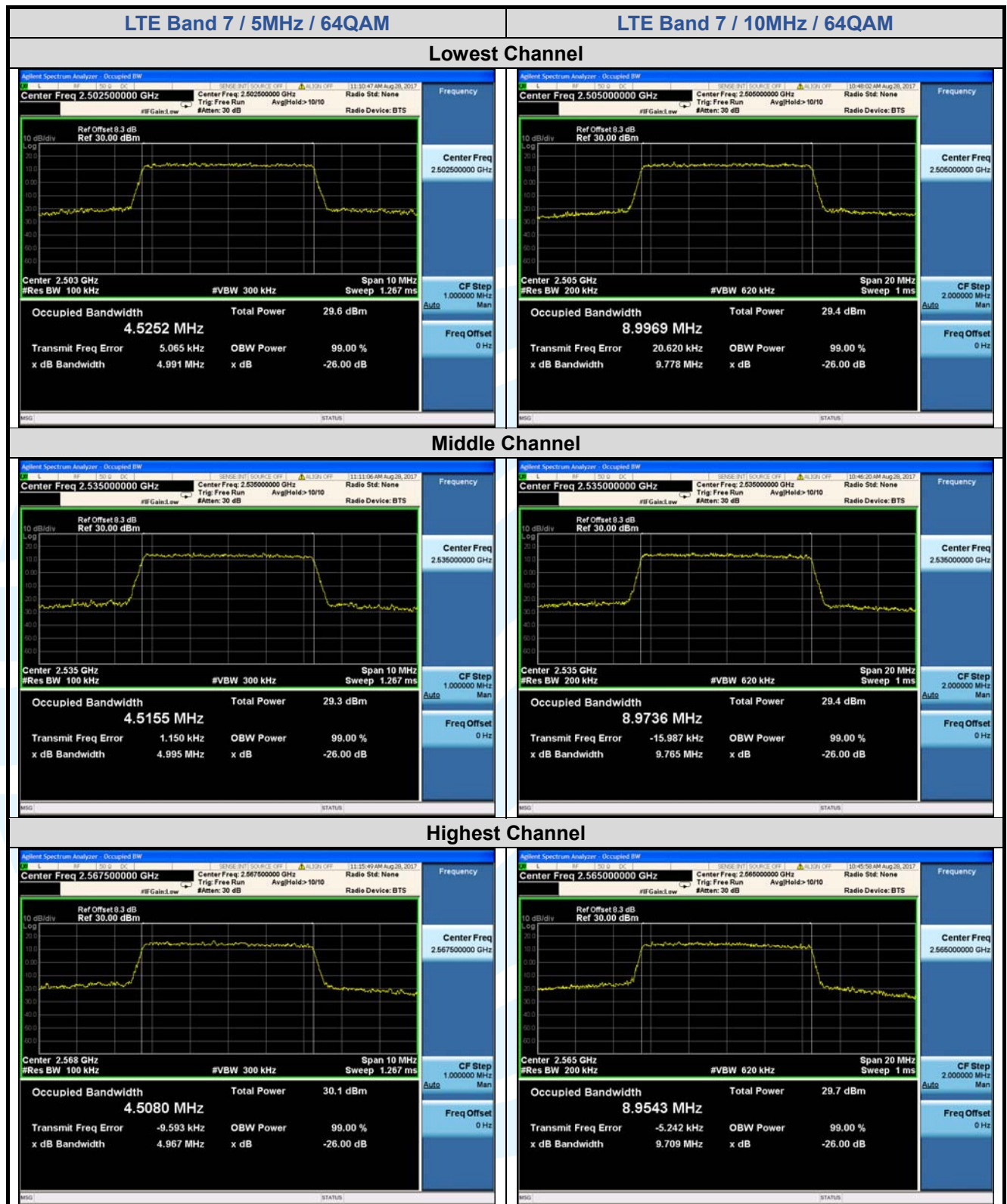
LTE Band 7								
Channel	RB Configuration		26 dB BW (MHz)			99% BW (MHz)		
	Size	Offset	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Channel Bandwidth: 5 MHz								
Lowest	25	0	4.960	4.981	4.991	4.5033	4.5085	4.5252
Middle	25	0	4.925	5.008	4.995	4.4929	4.5226	4.5155
Highest	25	0	4.931	4.963	4.967	4.5169	4.5065	4.5080
Channel Bandwidth: 10 MHz								
Lowest	50	0	9.805	9.771	9.778	8.9884	8.9934	8.9969
Middle	50	0	9.817	9.763	9.765	8.9879	8.9623	8.9736
Highest	50	0	9.756	9.704	9.709	8.9480	8.9737	8.9543
Channel Bandwidth: 15 MHz								
Lowest	75	0	14.66	14.67	14.61	13.429	13.452	13.455
Middle	75	0	14.67	14.62	14.58	13.448	13.438	13.449
Highest	75	0	14.63	14.52	14.57	13.428	13.420	13.409
Channel Bandwidth: 20 MHz								
Lowest	100	0	19.48	19.53	19.44	17.974	17.967	17.965
Middle	100	0	19.33	19.42	19.40	17.947	17.931	17.932
Highest	100	0	19.28	19.30	19.28	17.883	17.911	17.930

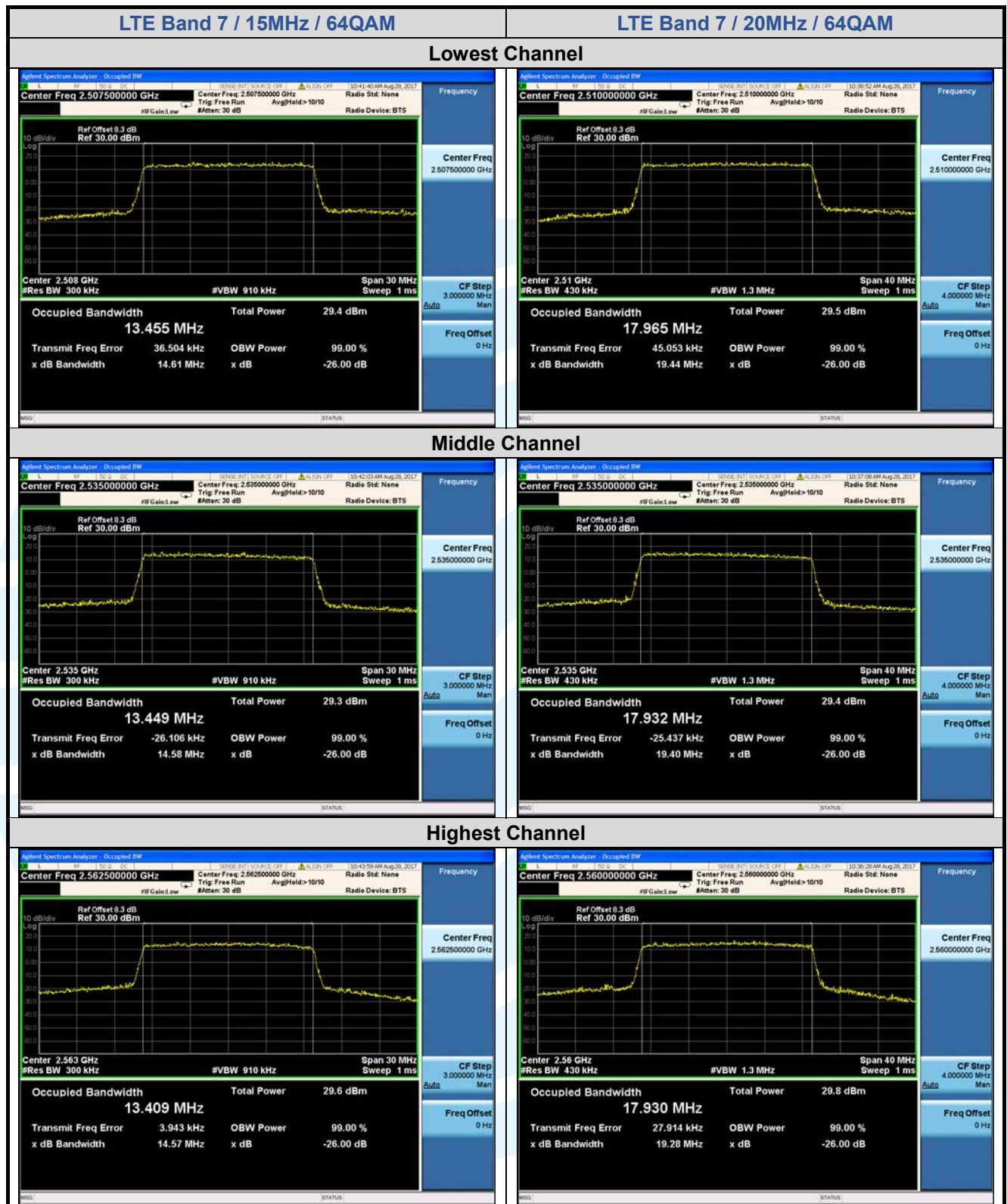






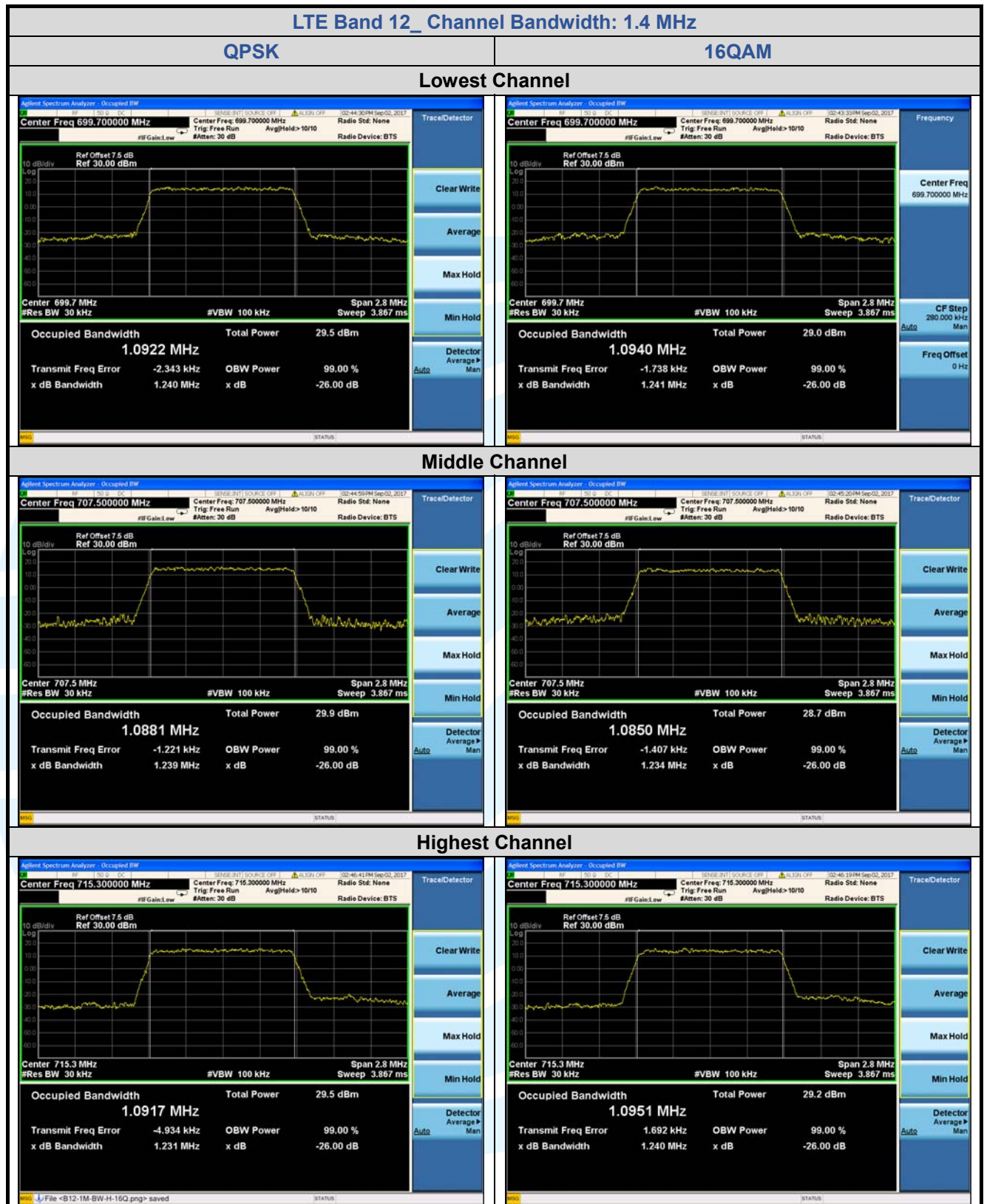


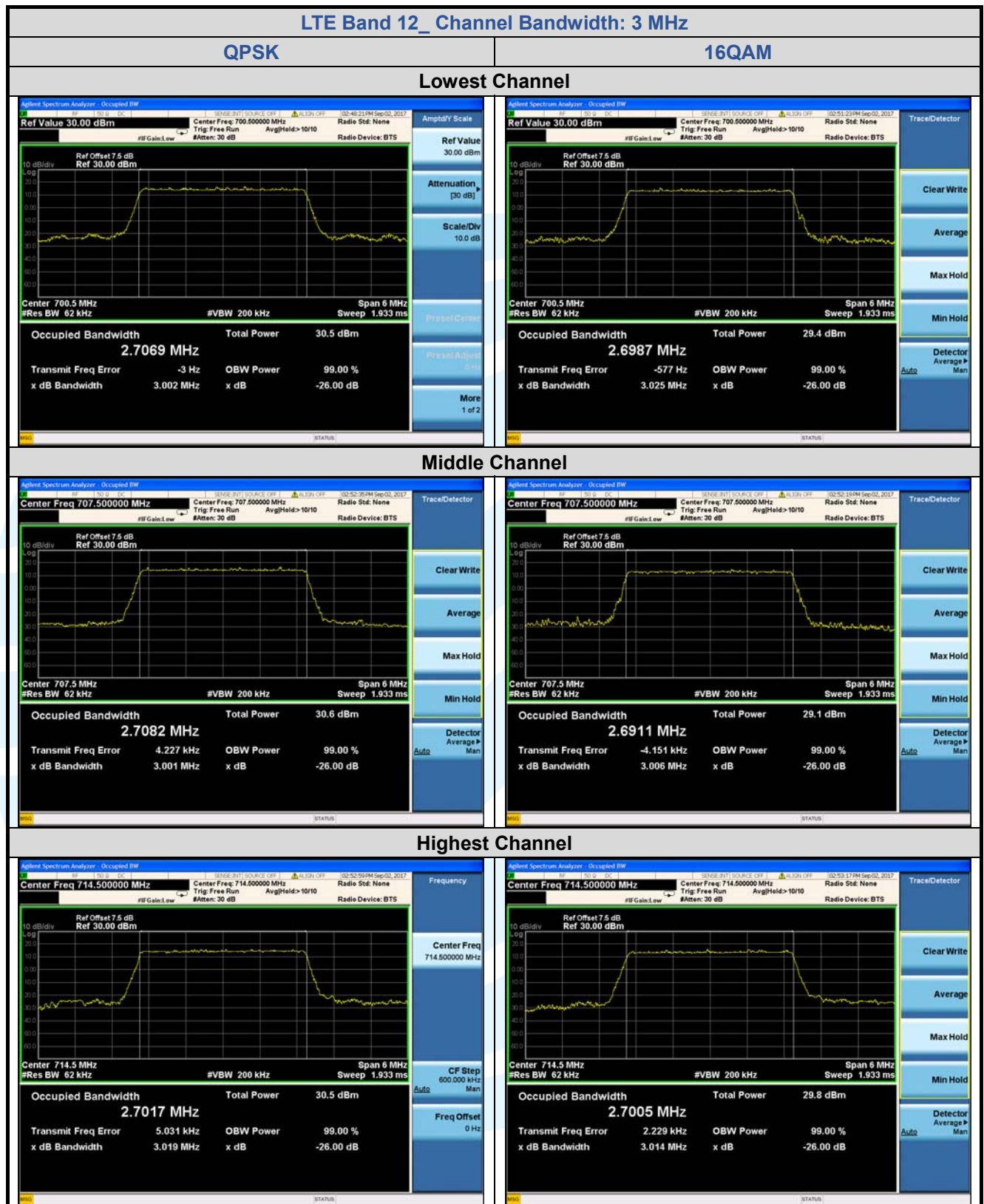


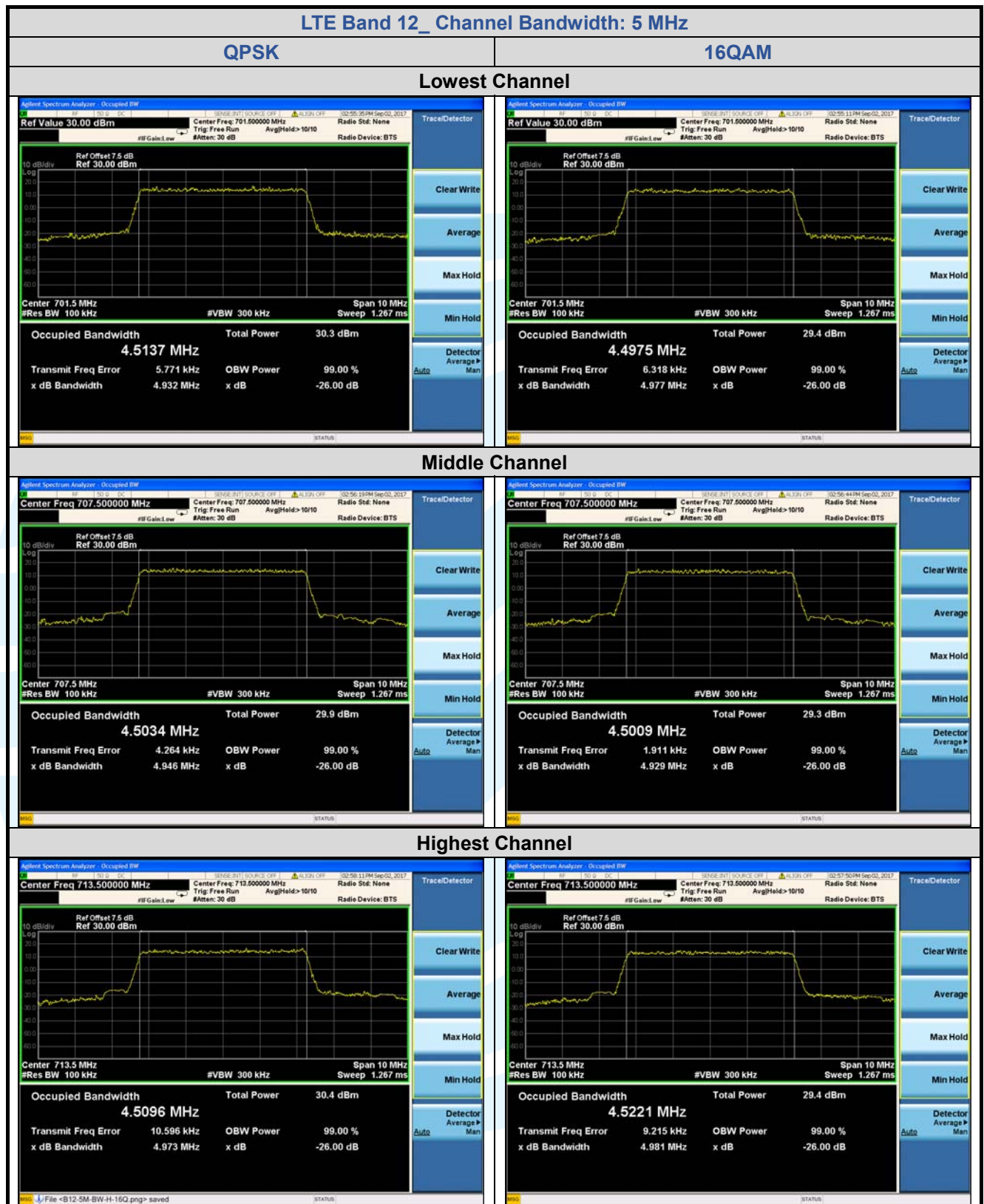


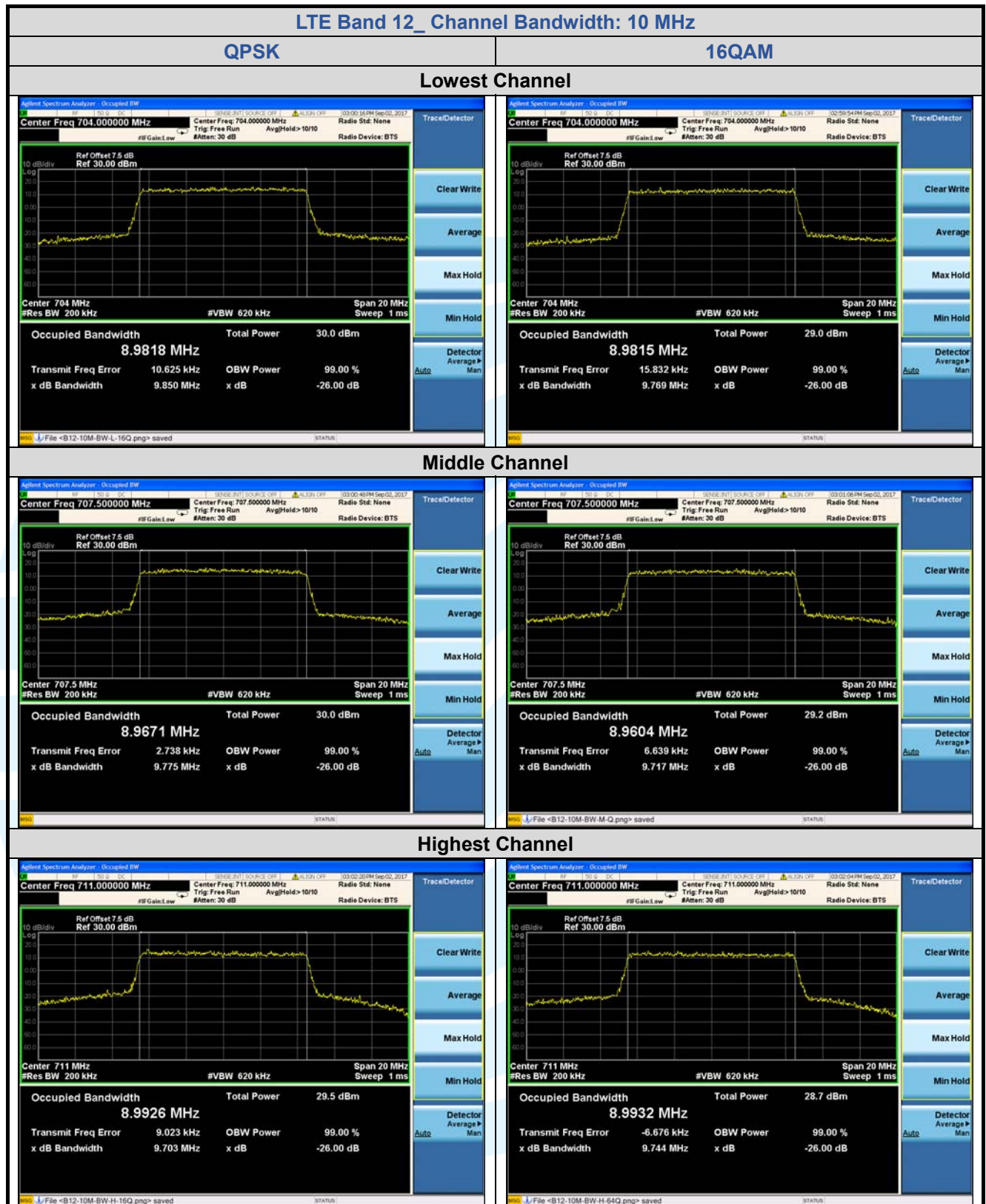
5.5.4 LTE Band 12

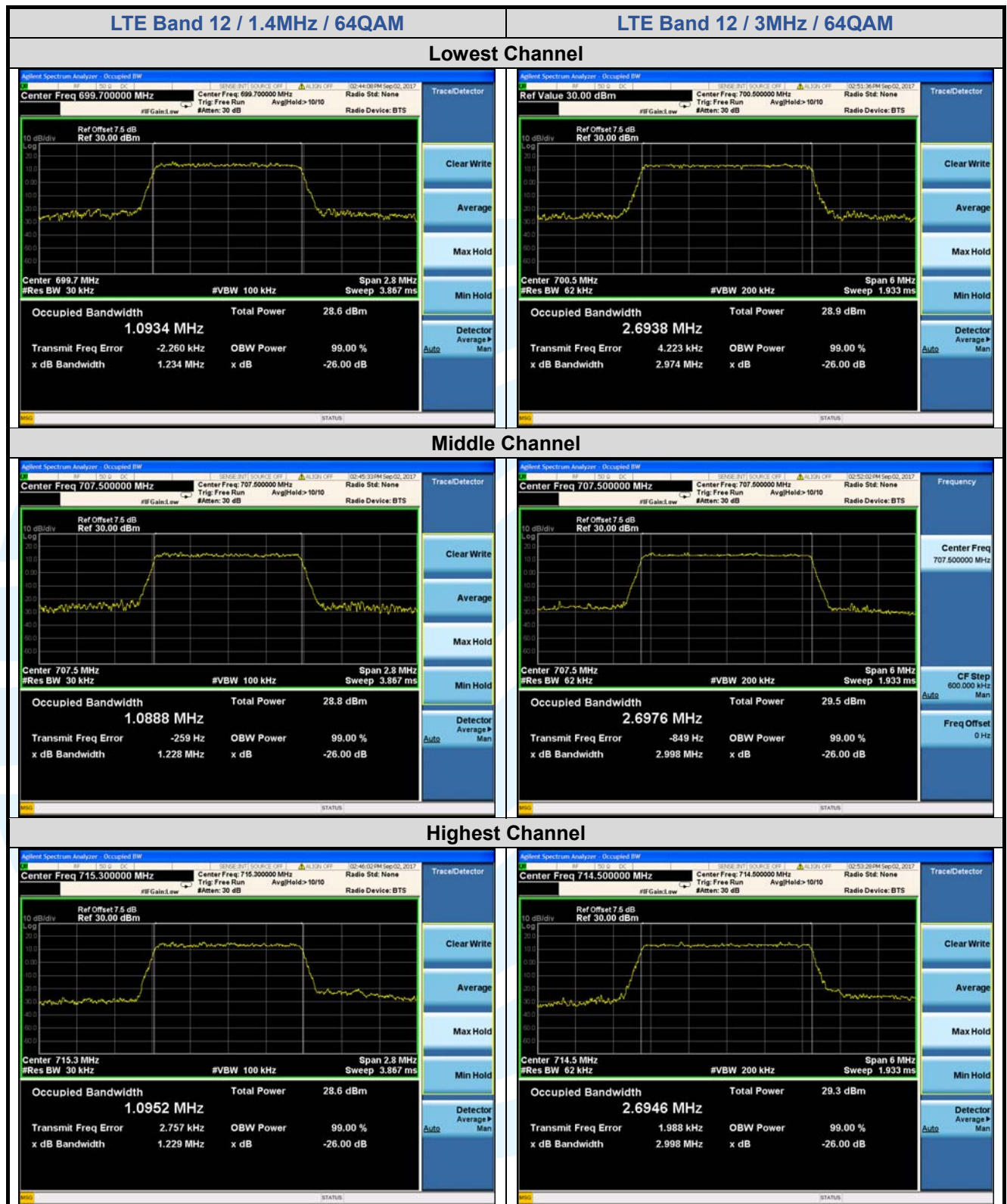
LTE Band 12								
Channel	RB Configuration		26 dB BW (MHz)			99% BW (MHz)		
	Size	Offset	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Channel Bandwidth: 1.4 MHz								
Lowest	6	0	1.240	1.241	1.234	1.0922	1.0940	1.0934
Middle	6	0	1.239	1.234	1.228	1.0881	1.0850	1.0888
Highest	6	0	1.231	1.240	1.229	1.0917	1.0951	1.0952
Channel Bandwidth: 3 MHz								
Lowest	15	0	3.002	3.025	2.974	2.7069	2.6987	2.6938
Middle	15	0	3.001	3.006	2.998	2.7082	2.6911	2.6976
Highest	15	0	3.019	3.014	2.998	2.7017	2.7005	2.6946
Channel Bandwidth: 5 MHz								
Lowest	25	0	4.932	4.977	4.986	4.5137	4.4975	4.5032
Middle	25	0	4.946	4.929	4.931	4.5034	4.5009	4.5179
Highest	25	0	4.973	4.981	4.934	4.5096	4.5221	4.5156
Channel Bandwidth: 10 MHz								
Lowest	50	0	9.850	9.769	9.749	8.9818	8.9815	8.9756
Middle	50	0	9.775	9.717	9.797	8.9671	8.9604	8.9591
Highest	50	0	9.703	9.744	9.774	8.9926	8.9932	8.9917

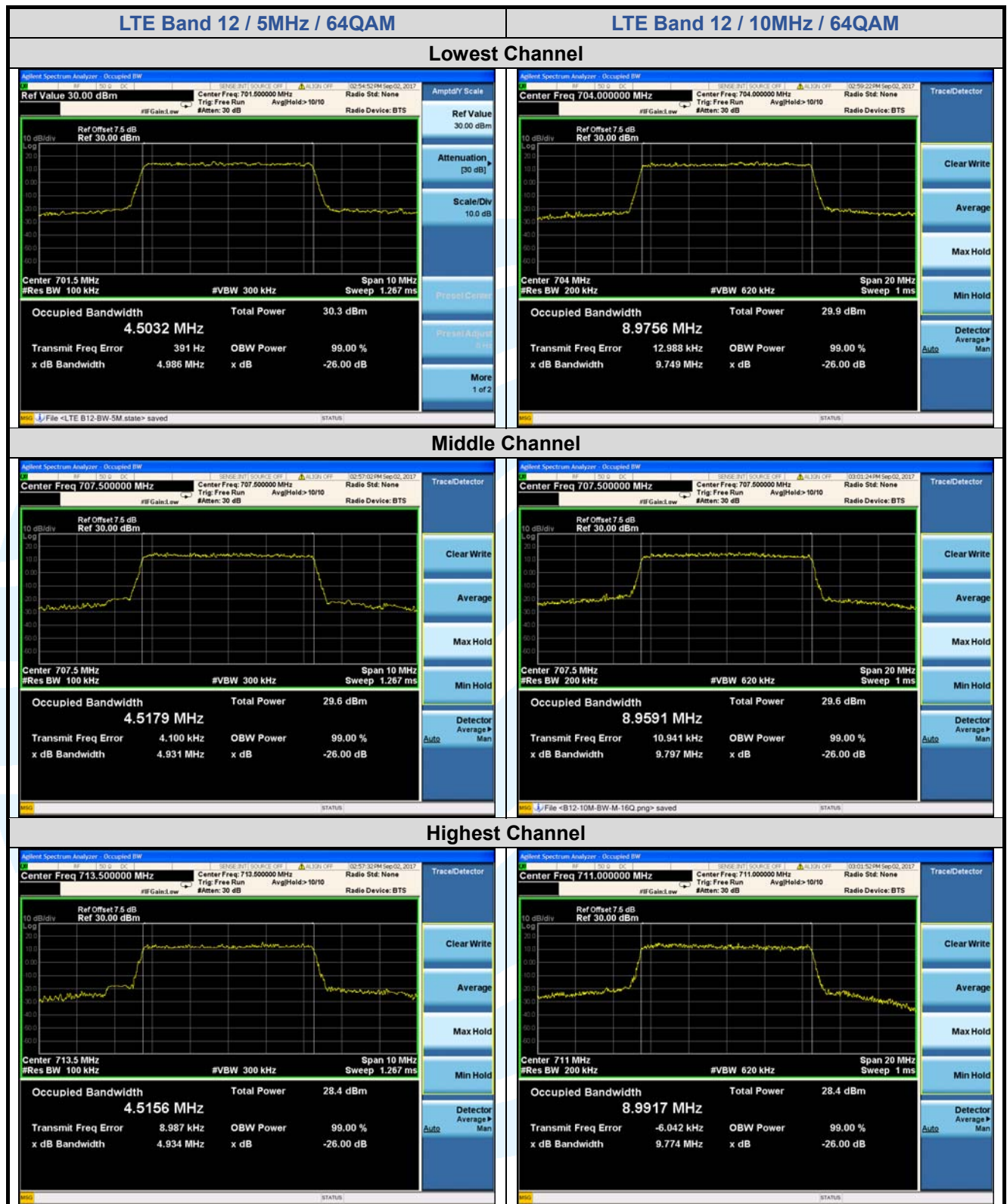












5.5.5 LTE Band 13

LTE Band 13								
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	4.922	4.927	4.909	4.5024	4.4901	4.4931
Middle	25	0	4.923	4.977	4.950	4.5126	4.4932	4.4981
Highest	25	0	4.959	4.968	4.941	4.5009	4.5134	4.5154
Channel Bandwidth: 10 MHz								
Middle	50	0	9.688	9.608	9.765	8.9438	8.9412	8.9487

