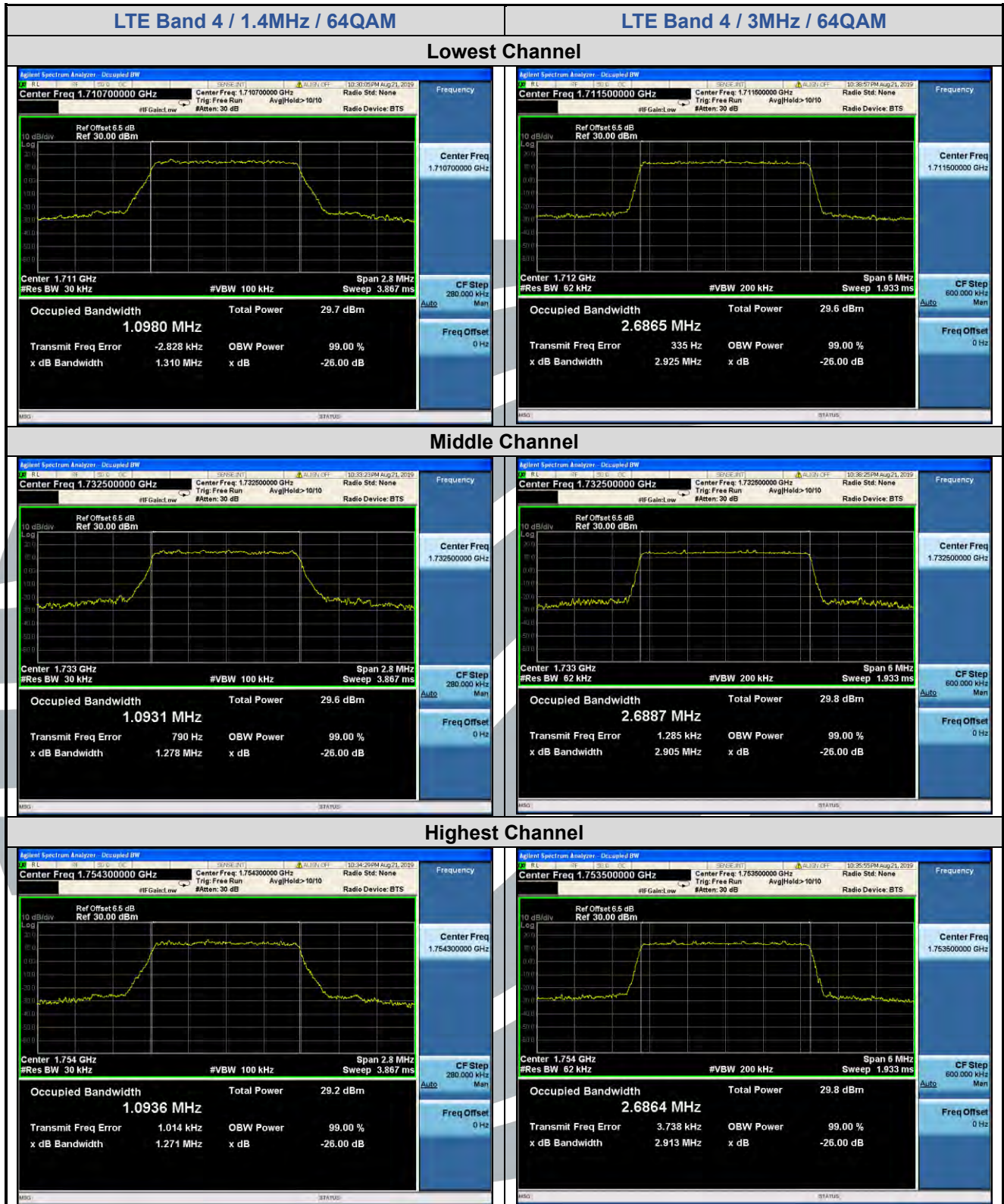
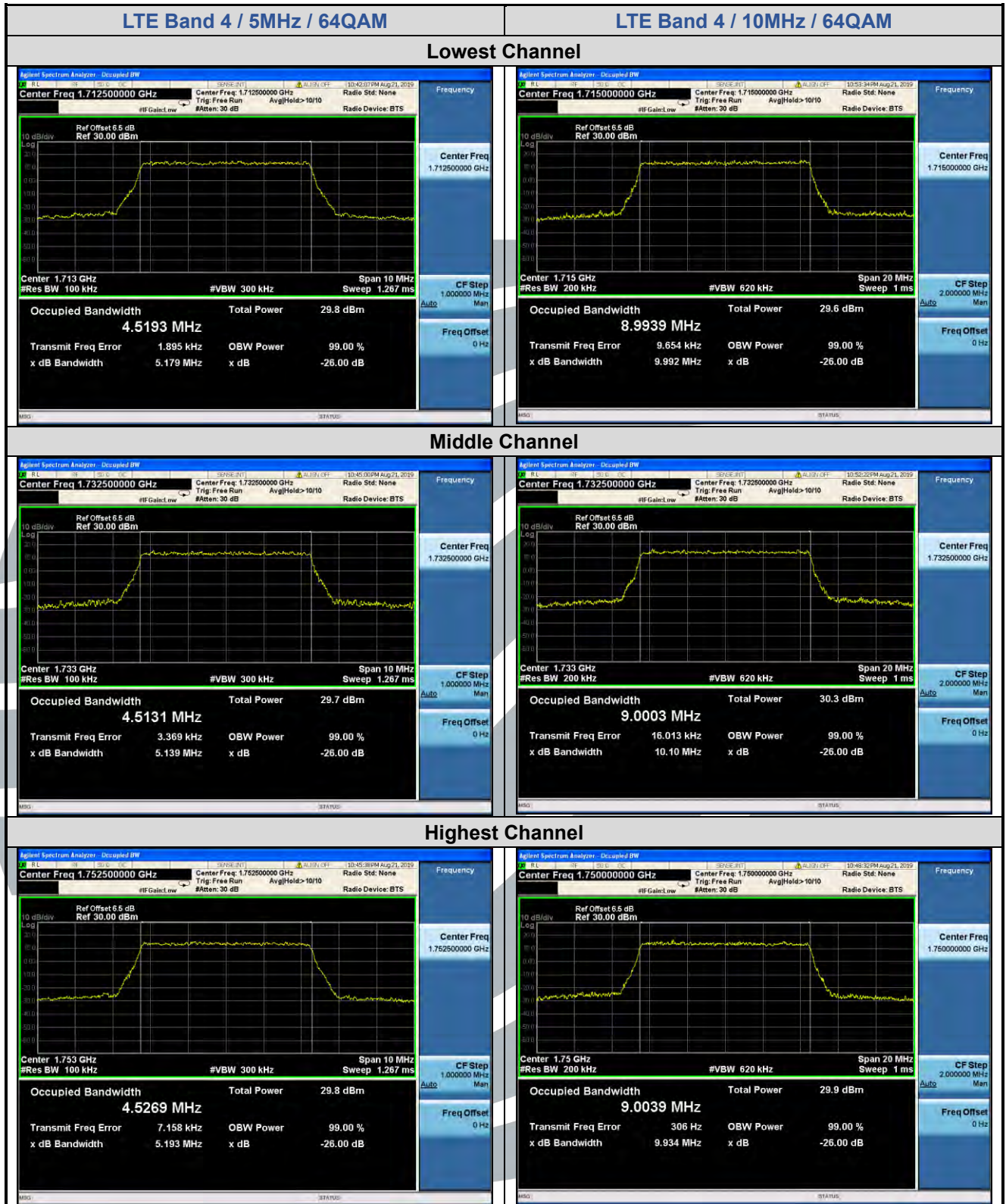
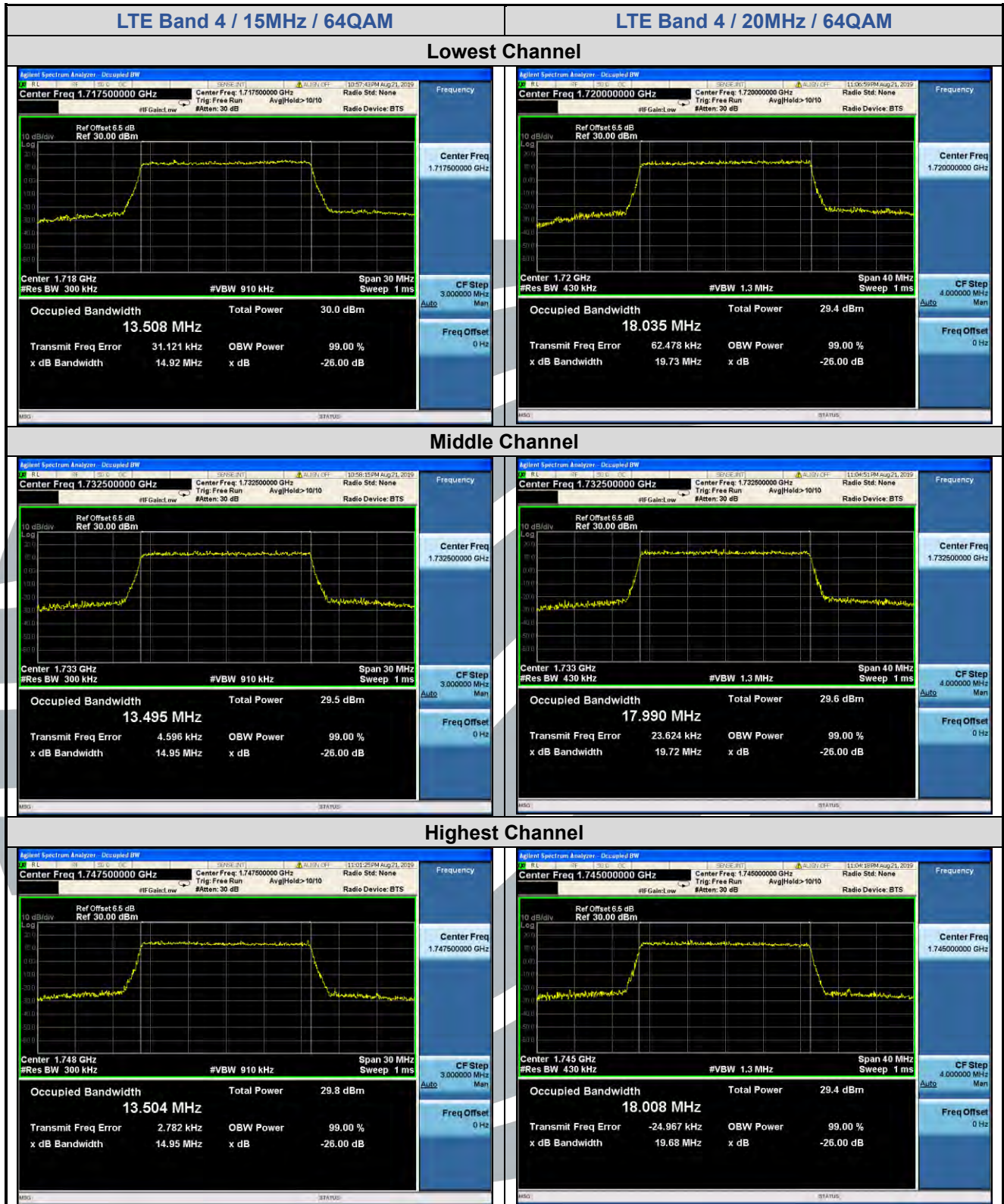




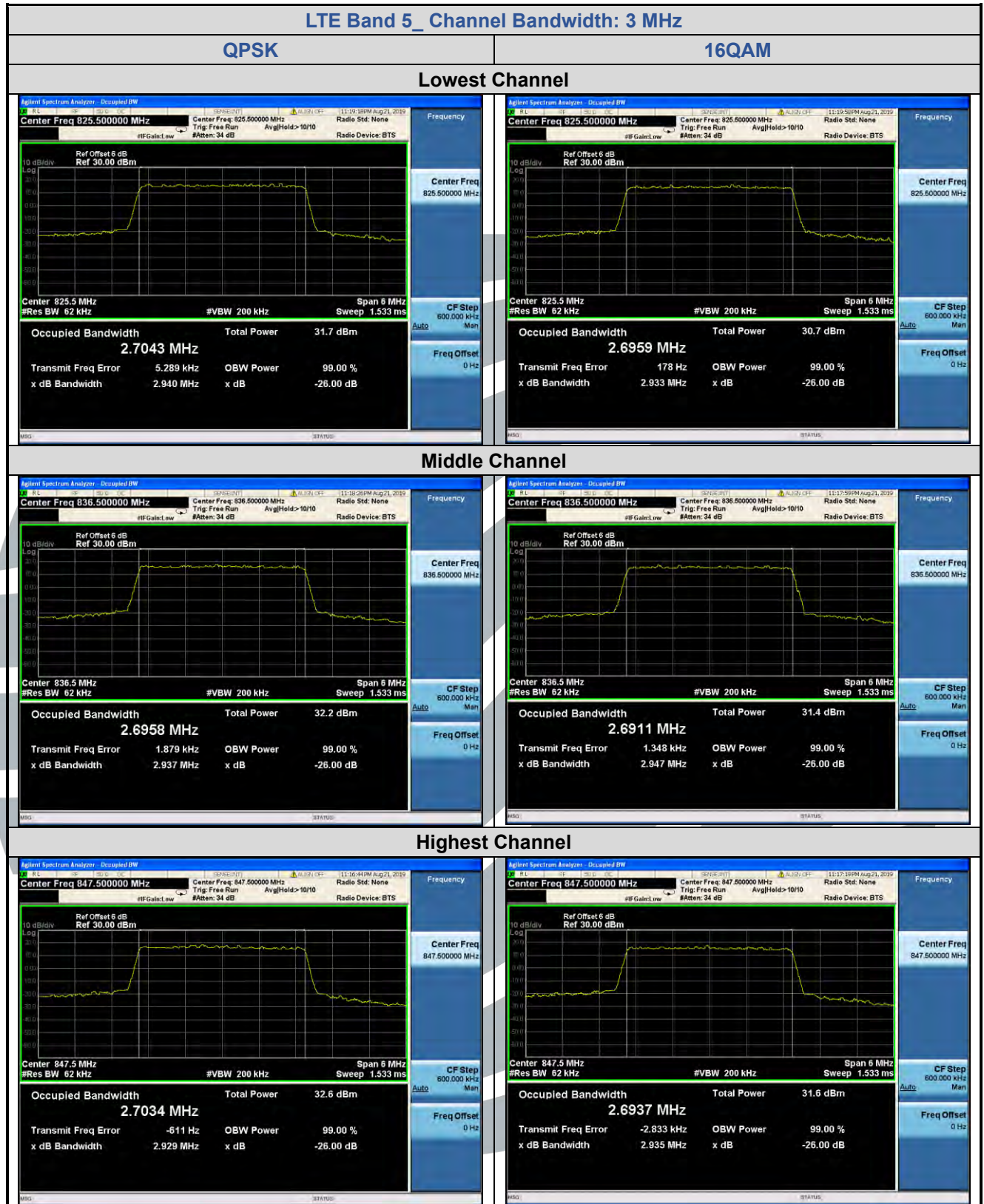




5.5.3 LTE Band 5

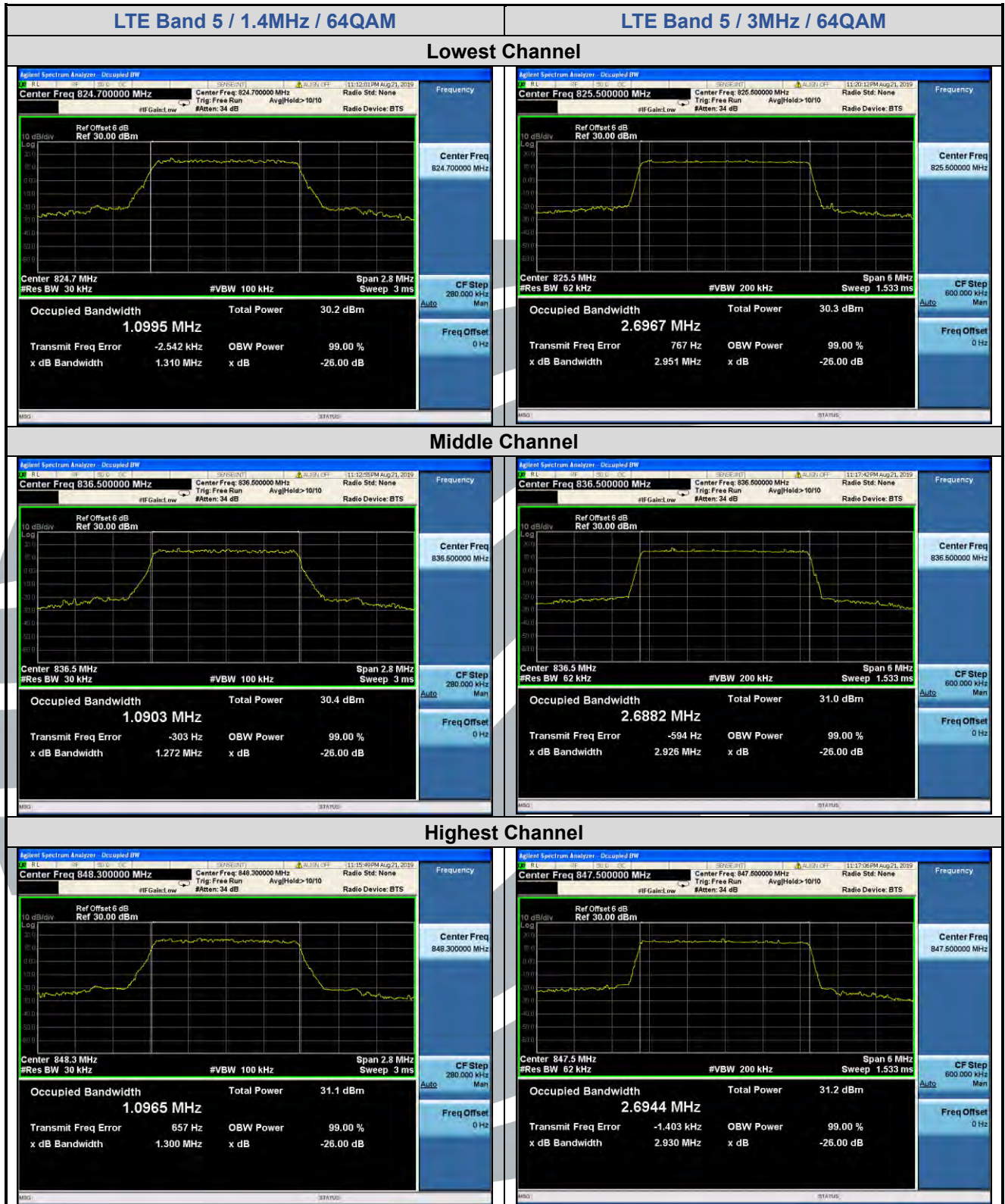
LTE Band 5								
Channel	RB Configuration		26 dB BW (MHz)			99% BW (MHz)		
	Size	Offset	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Channel Bandwidth: 1.4 MHz								
Lowest	6	0	1.292	1.310	1.310	1.0955	1.1014	1.0995
Middle	6	0	1.303	1.273	1.272	1.1008	1.0912	1.0903
Highest	6	0	1.284	1.302	1.300	1.1042	1.0964	1.0965
Channel Bandwidth: 3 MHz								
Lowest	15	0	2.940	2.933	2.951	2.7043	2.6959	2.6967
Middle	15	0	2.937	2.947	2.926	2.6958	2.6911	2.6882
Highest	15	0	2.929	2.935	2.930	2.7034	2.6937	2.6944
Channel Bandwidth: 5 MHz								
Lowest	25	0	5.192	5.202	5.135	4.5439	4.5273	4.5248
Middle	25	0	5.197	5.175	5.148	4.5259	4.5447	4.5358
Highest	25	0	5.103	5.191	5.223	4.5156	4.5326	4.5222
Channel Bandwidth: 10 MHz								
Lowest	50	0	10.20	10.20	10.11	9.0316	9.0190	9.0103
Middle	50	0	10.03	10.01	9.976	8.9924	9.0150	9.0144
Highest	50	0	10.15	10.04	9.970	8.9963	9.0006	9.0012













5.5.4 LTE Band 7

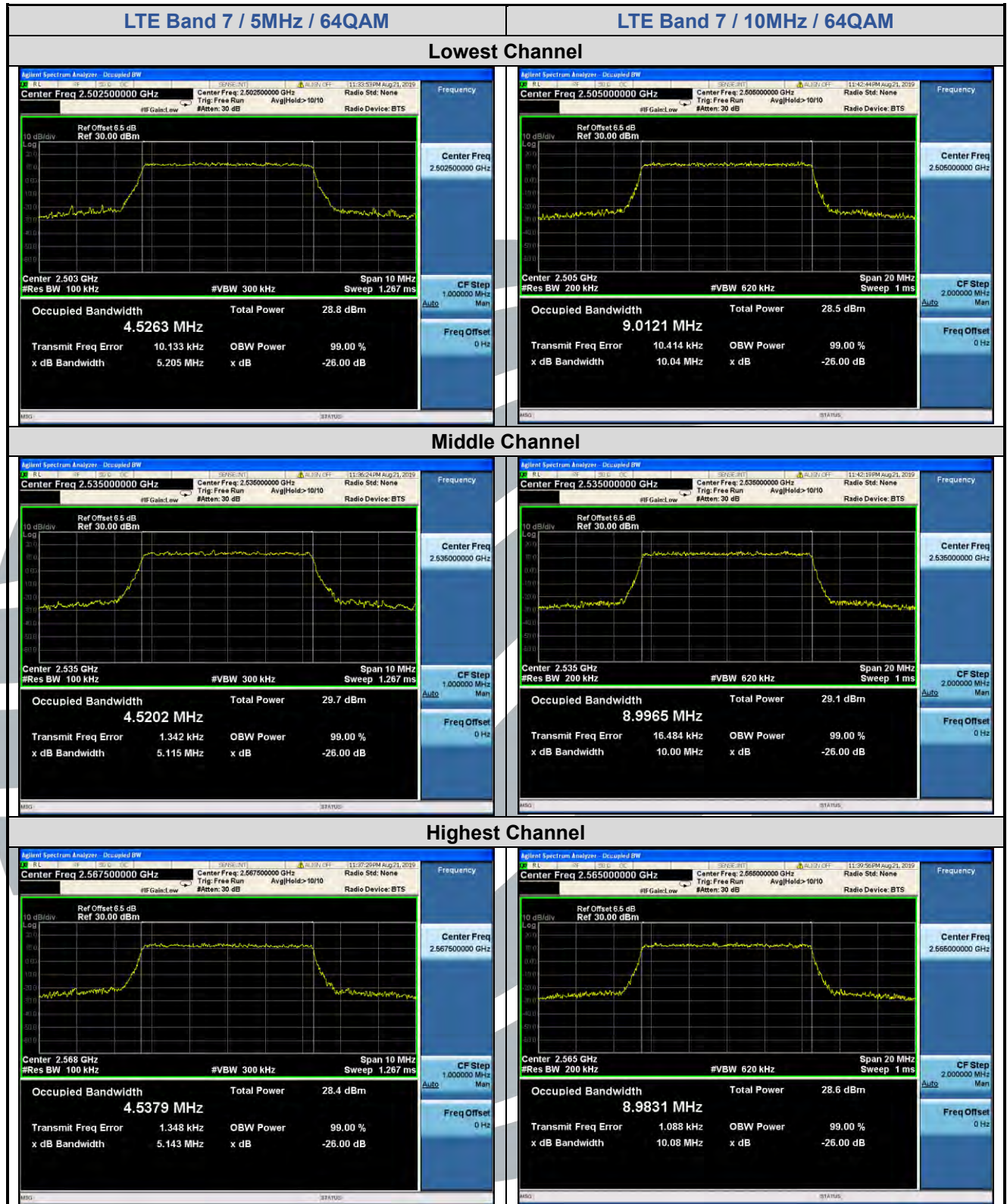
LTE Band 7								
Channel	RB Configuration		26 dB BW (MHz)			99% BW (MHz)		
	Size	Offset	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Channel Bandwidth: 5 MHz								
Lowest	25	0	5.153	5.239	5.205	4.5141	4.5434	4.5263
Middle	25	0	5.271	5.139	5.115	4.5295	4.5198	4.5202
Highest	25	0	5.196	5.150	5.143	4.5188	4.5355	4.5379
Channel Bandwidth: 10 MHz								
Lowest	50	0	10.08	10.15	10.04	8.9942	9.0046	9.0121
Middle	50	0	10.20	10.02	10.00	9.0101	8.9974	8.9965
Highest	50	0	10.05	10.13	10.08	9.0007	8.9902	8.9831
Channel Bandwidth: 15 MHz								
Lowest	75	0	15.05	15.04	14.98	13.533	13.507	13.514
Middle	75	0	14.80	14.99	14.97	13.462	13.498	13.459
Highest	75	0	15.03	14.90	14.78	13.496	13.491	13.477
Channel Bandwidth: 20 MHz								
Lowest	100	0	19.61	19.87	19.86	18.005	18.019	18.013
Middle	100	0	19.56	19.68	19.58	17.969	18.005	18.000
Highest	100	0	19.92	19.80	19.63	18.004	17.988	18.005

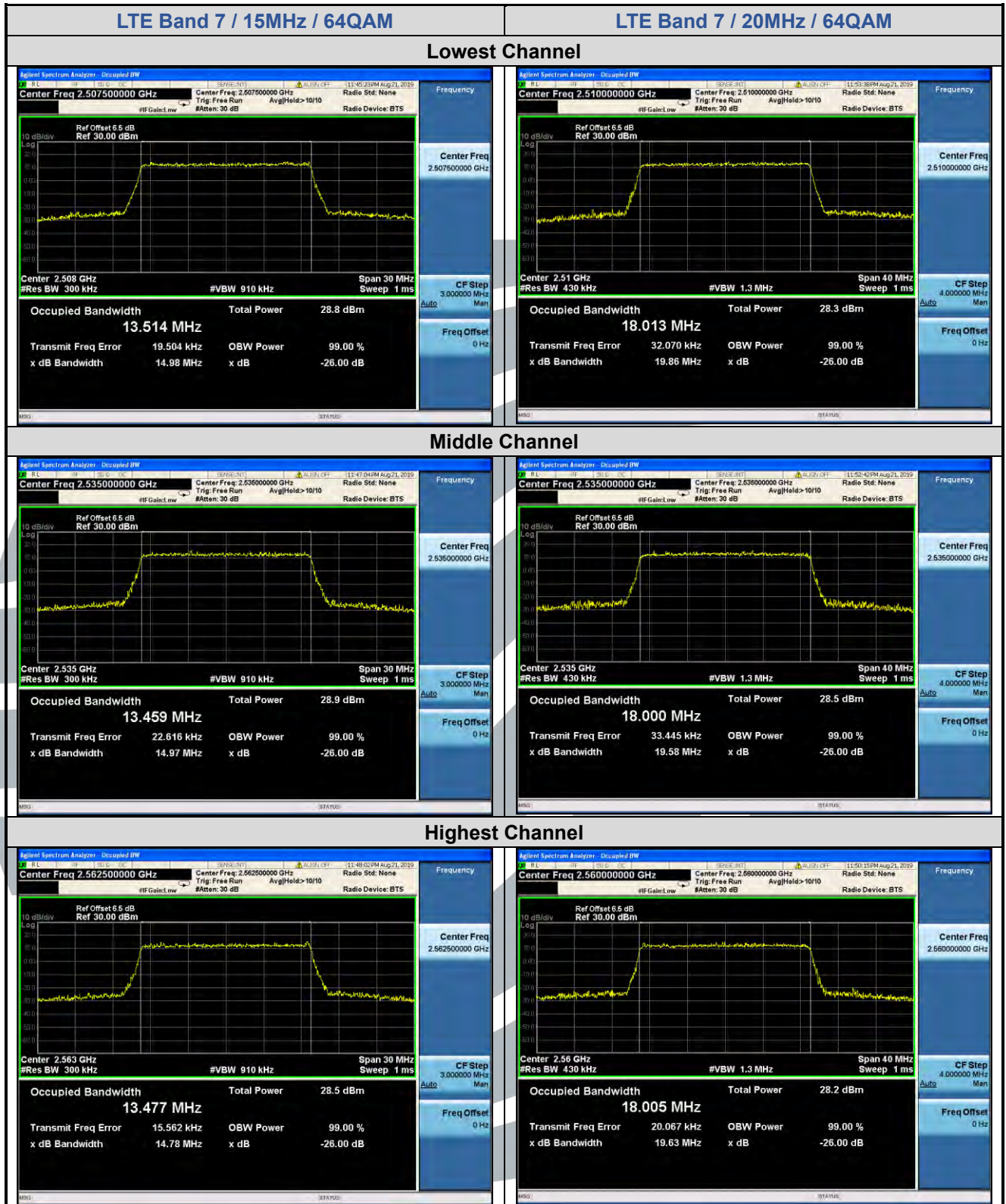






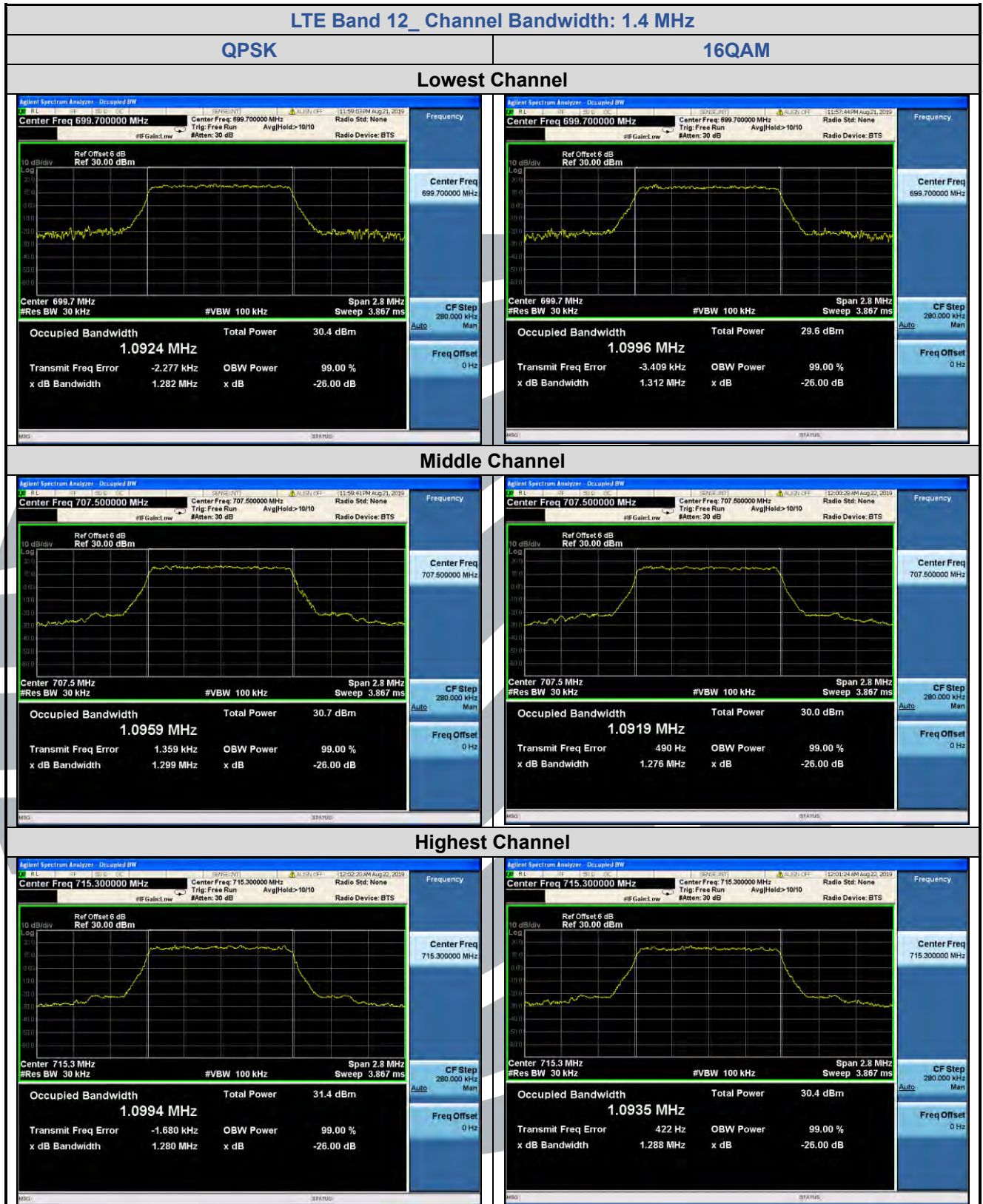


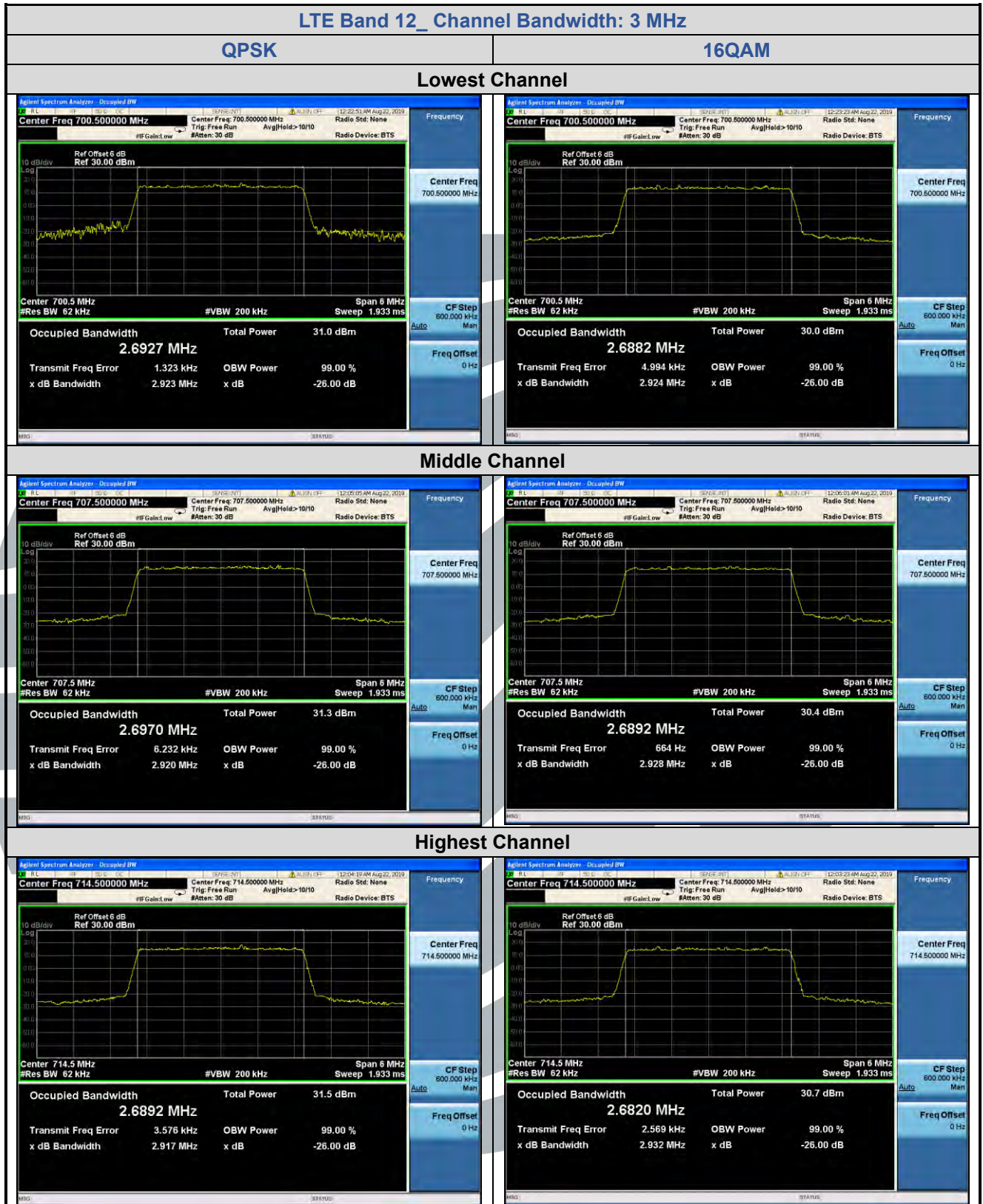




5.5.5 LTE Band 12

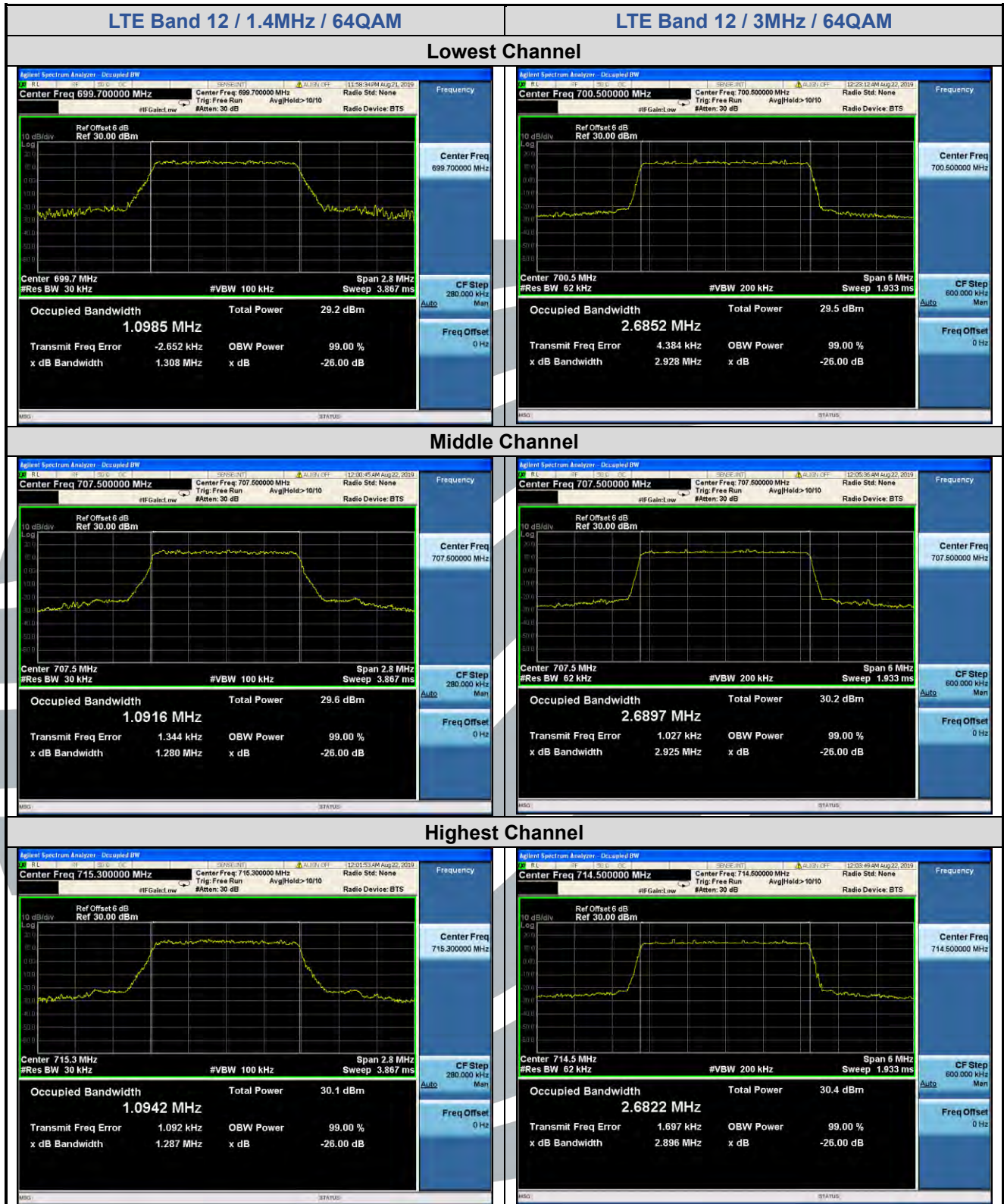
LTE Band 12								
Channel	RB Configuration		26 dB BW (MHz)			99% BW (MHz)		
	Size	Offset	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Channel Bandwidth: 1.4 MHz								
Lowest	6	0	1.282	1.312	1.308	1.0924	1.0996	1.0985
Middle	6	0	1.299	1.276	1.280	1.0959	1.0919	1.0916
Highest	6	0	1.280	1.288	1.287	1.0994	1.0935	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

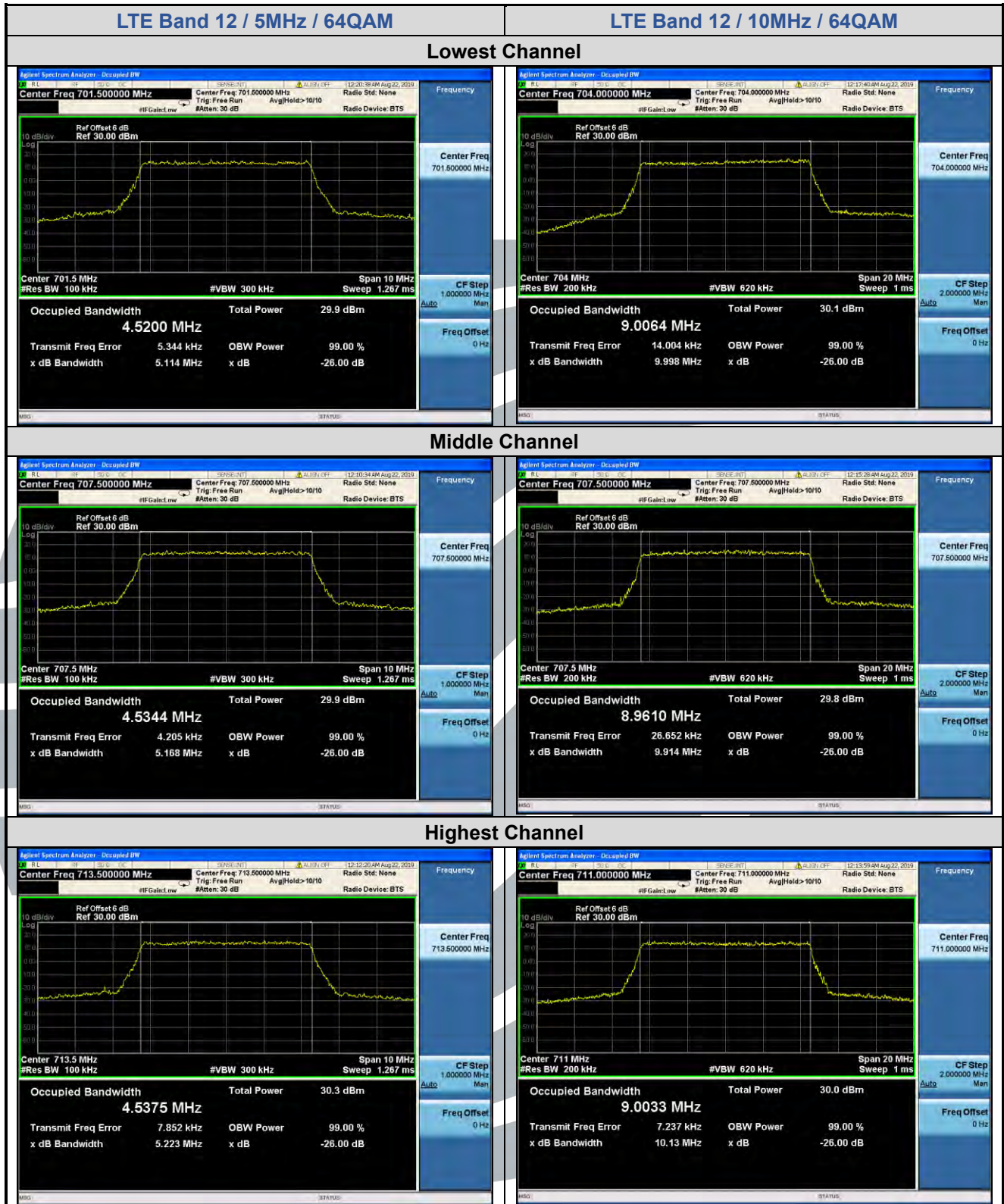






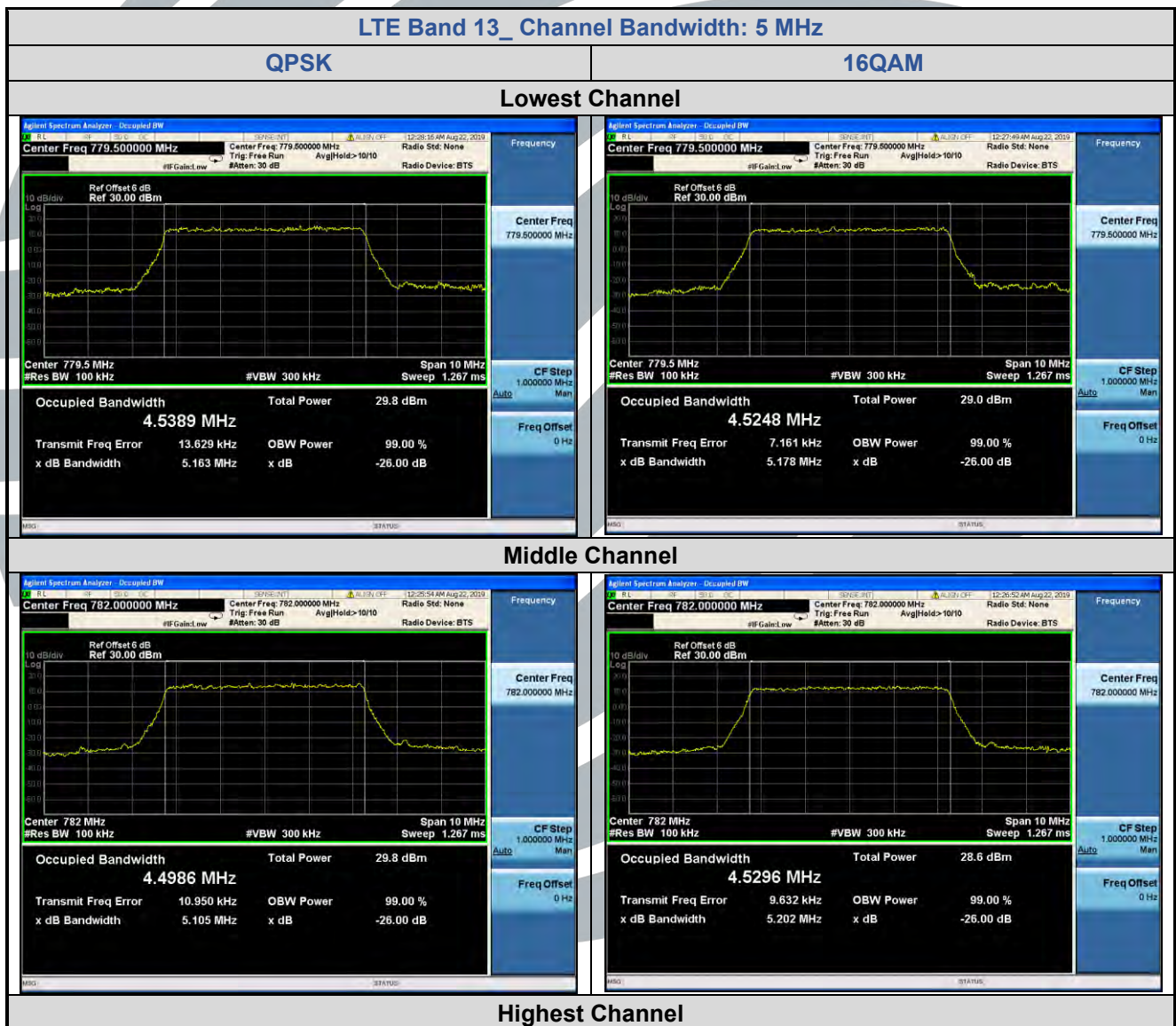


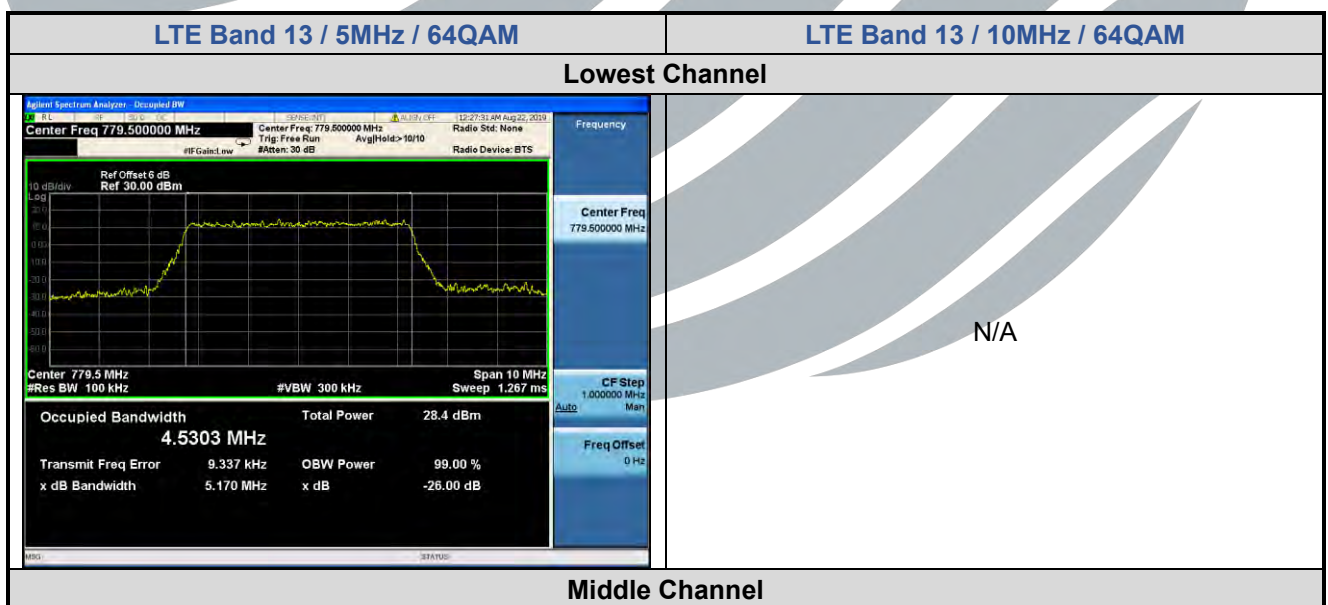
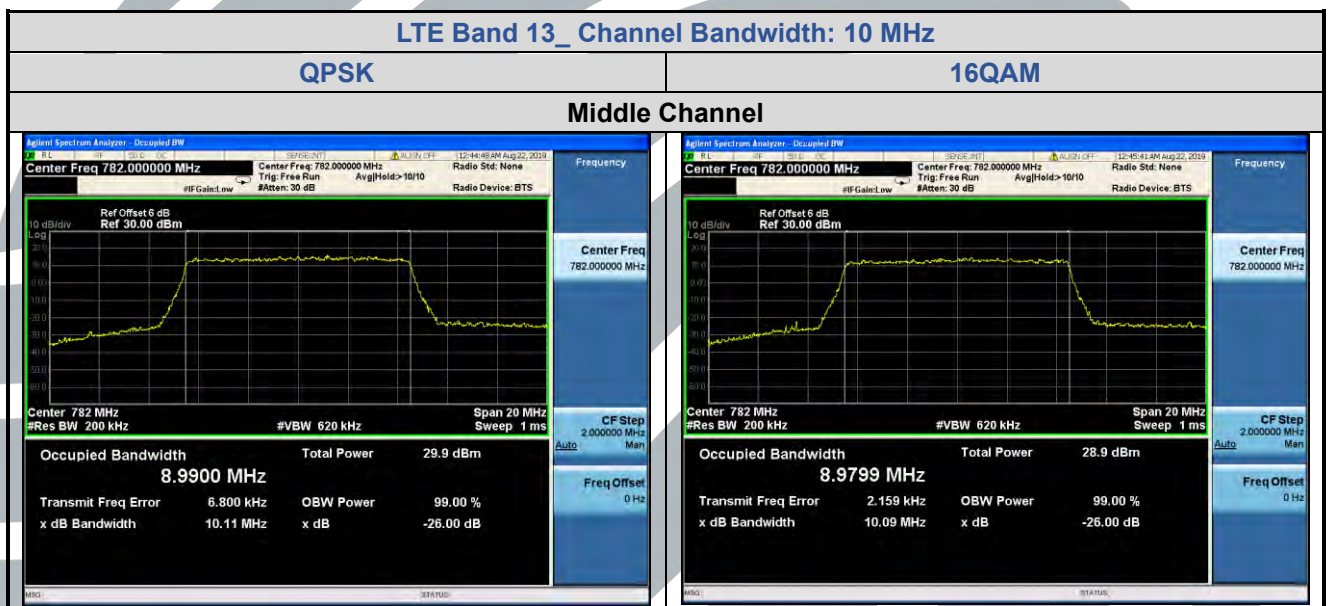
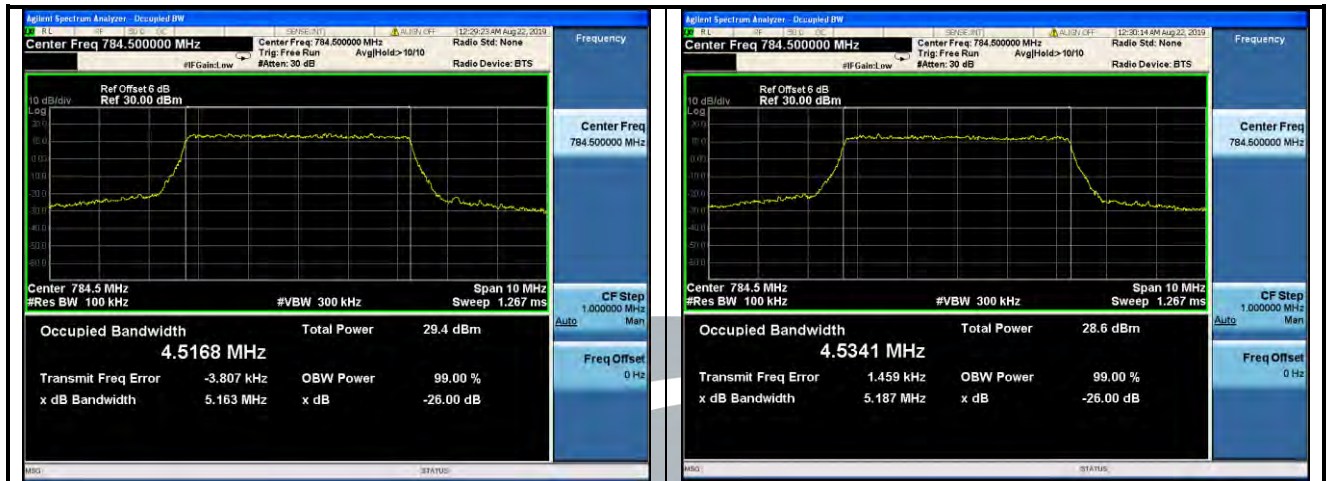


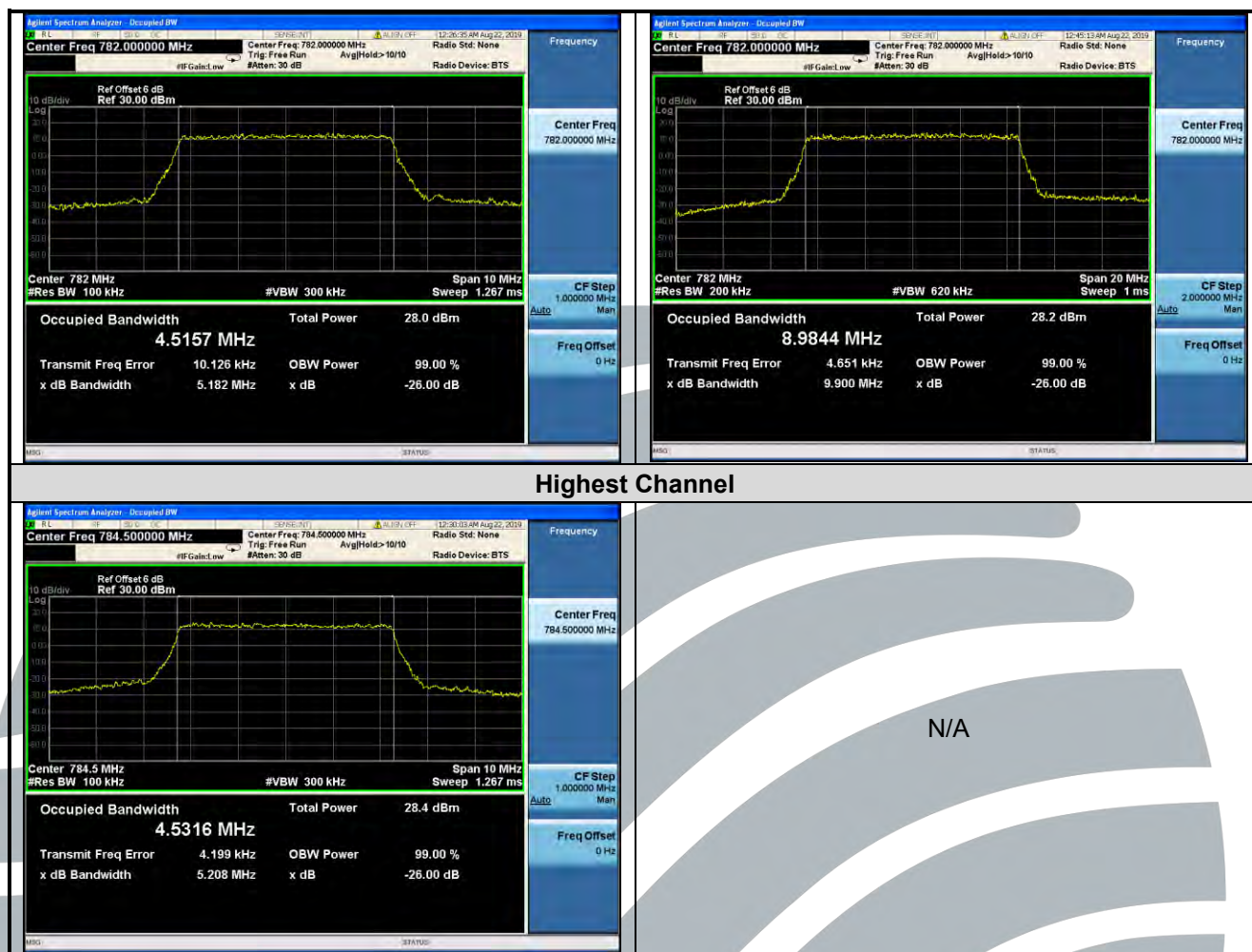


5.5.6 LTE Band 13

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	5.163	5.178	5.170	4.5389	4.5248	4.5303
Middle	25	0	5.105	5.202	5.182	4.4986	4.5296	4.5157
Highest	25	0	5.163	5.187	5.208	4.5168	4.5341	4.5316
Channel Bandwidth: 10 MHz								
Middle	50	0	10.11	10.09	9.900	8.9900	8.9799	8.9844







5.5.7 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







5.5.8 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

