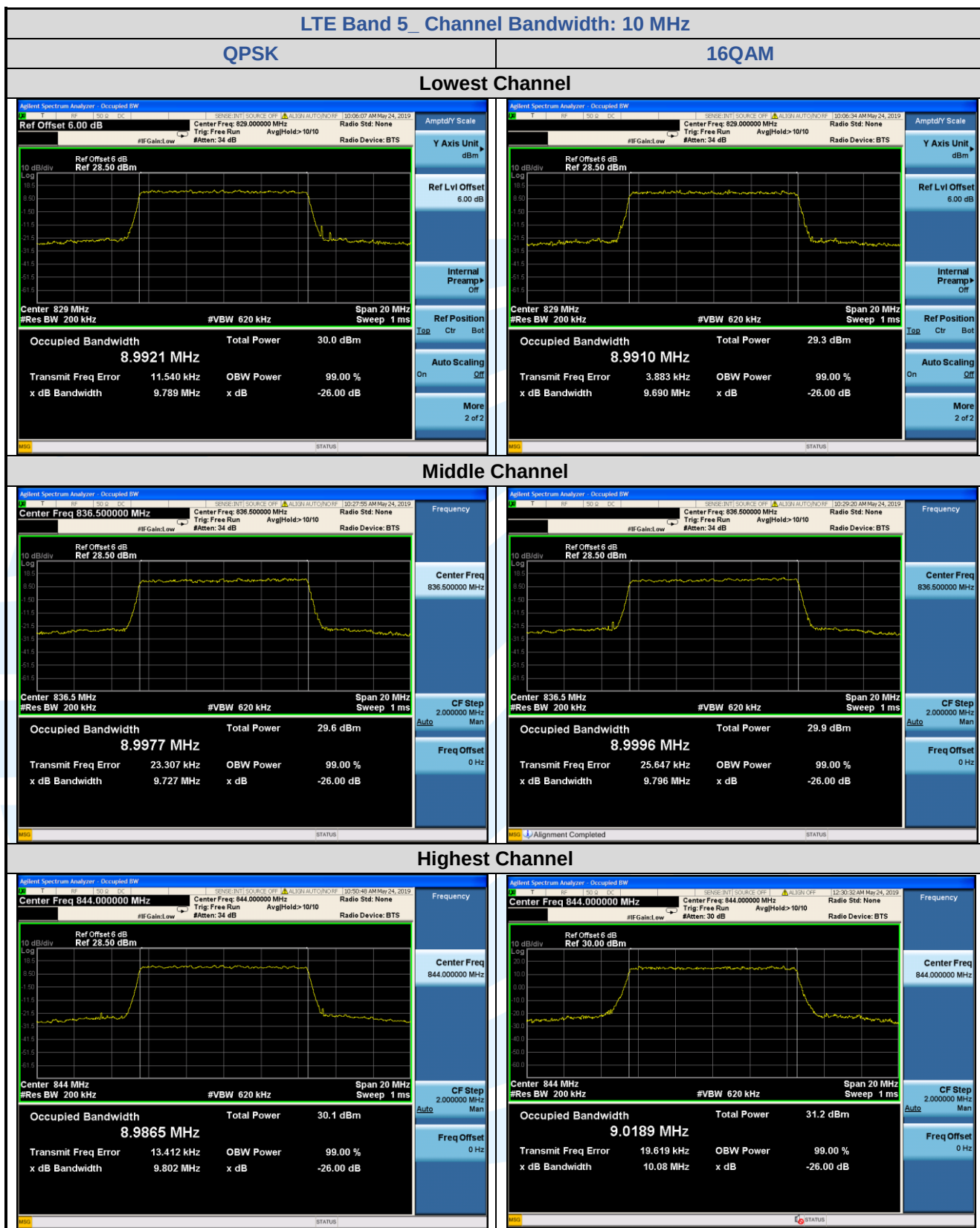
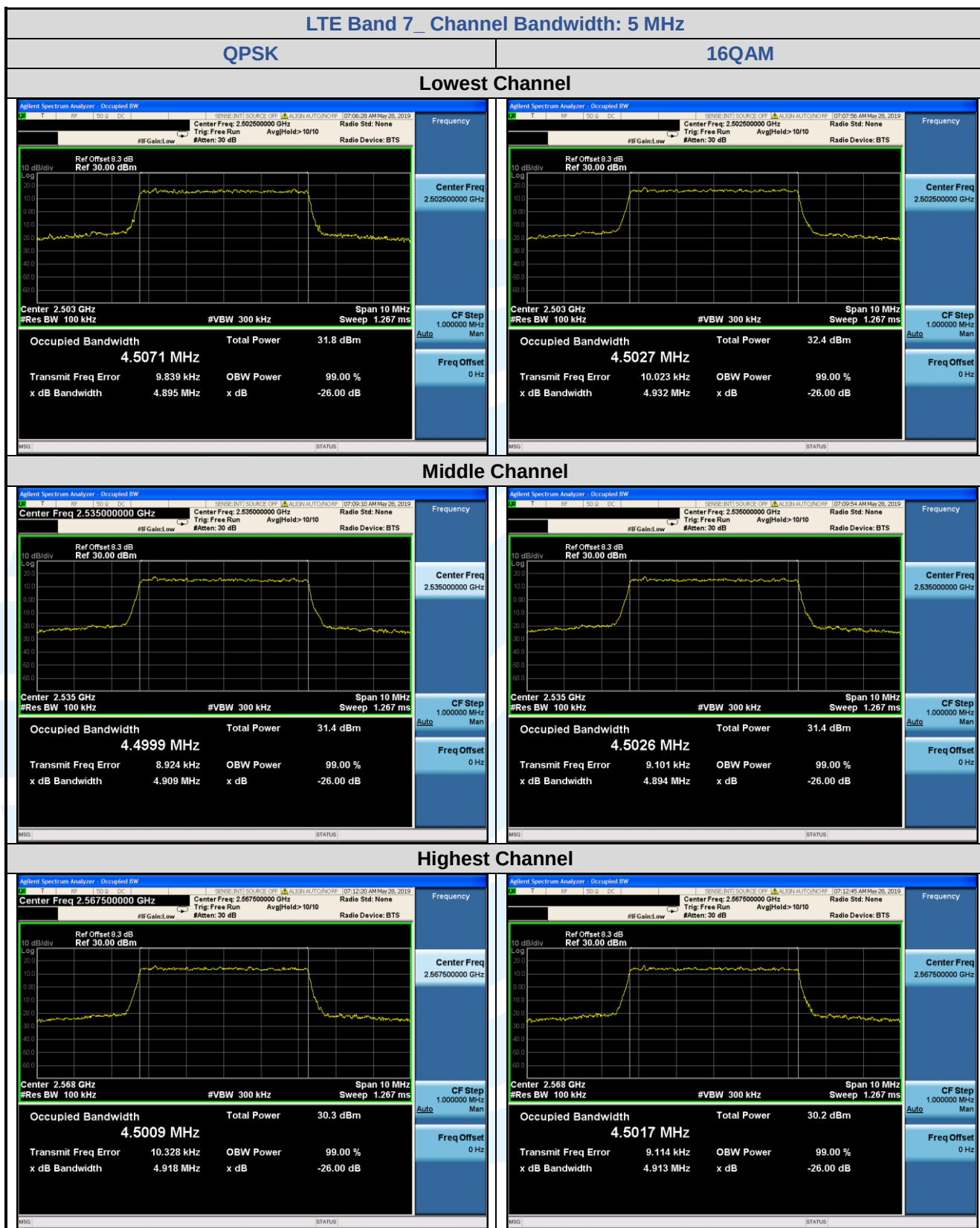
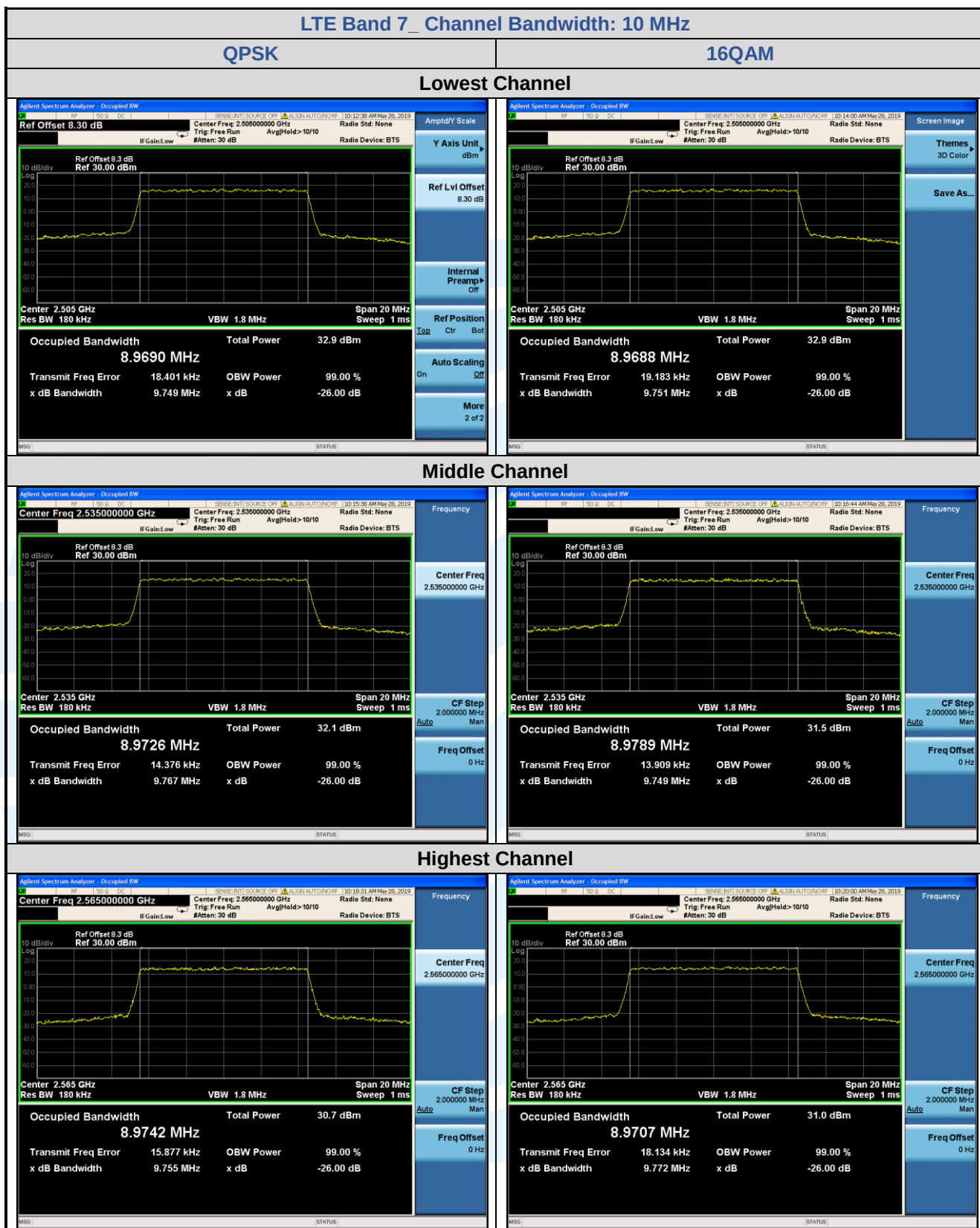
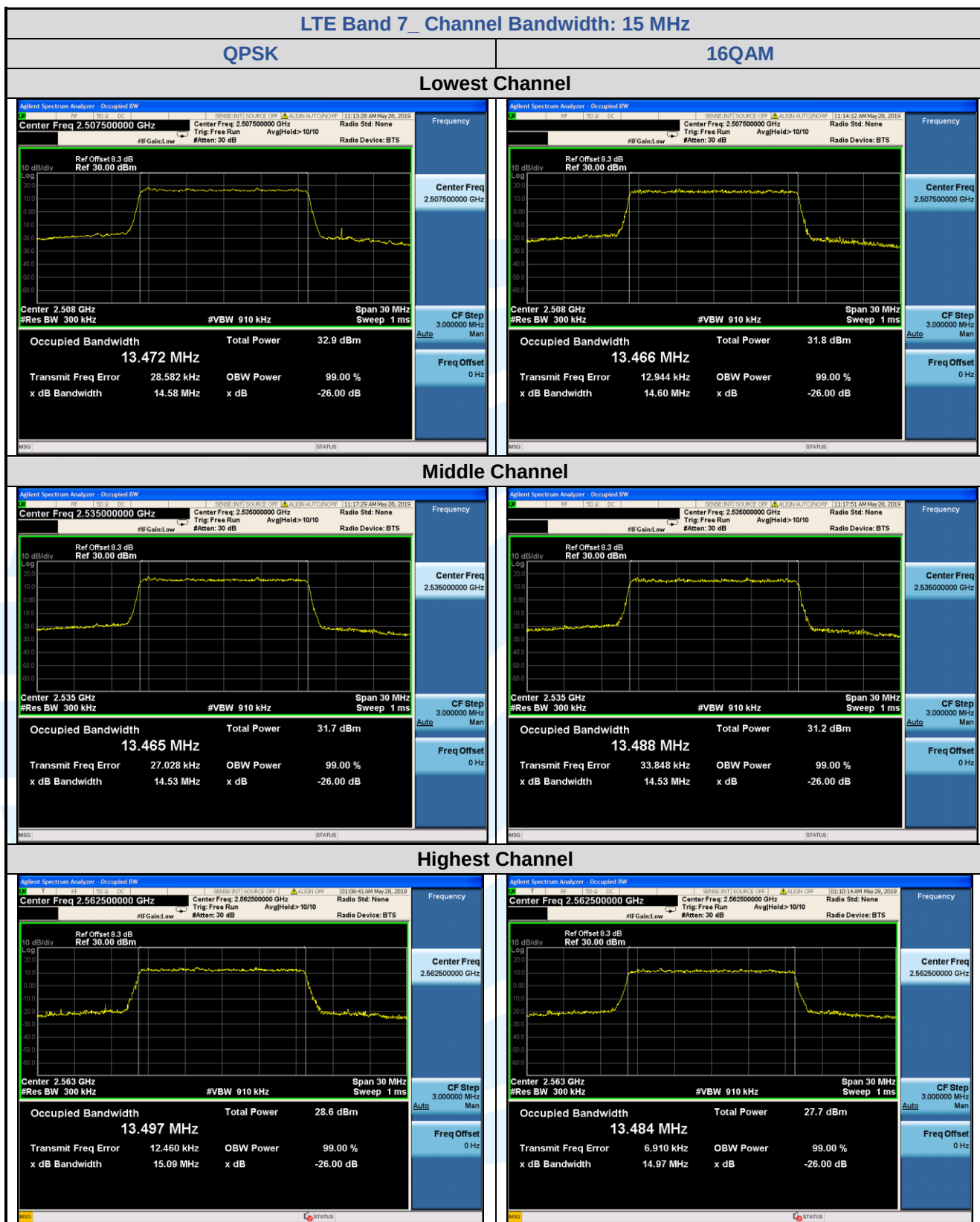


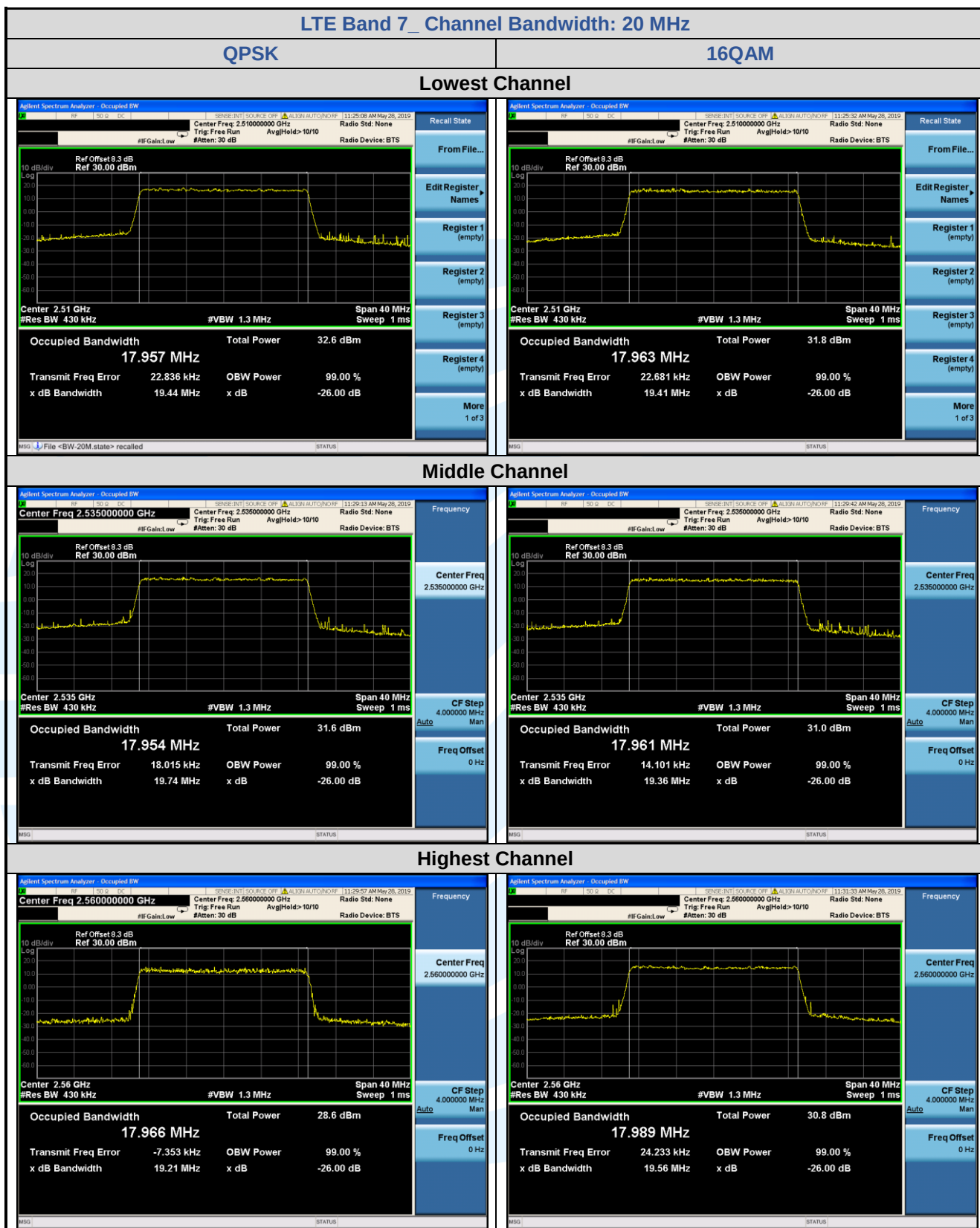


LTE Band 7								
Channel	RB Configuration		26 dB BW (MHz)			99% BW (MHz)		
	Size	Offset	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Channel Bandwidth: 5 MHz								
Lowest	25	0	4.895	4.932	N/A	4.5071	4.5027	N/A
Middle	25	0	4.909	4.894	N/A	4.4999	4.5026	N/A
Highest	25	0	4.918	4.913	N/A	4.5009	4.5017	N/A
Channel Bandwidth: 10 MHz								
Lowest	50	0	9.749	9.751	N/A	8.9690	8.9688	N/A
Middle	50	0	9.767	9.749	N/A	8.9726	8.9789	N/A
Highest	50	0	9.755	9.772	N/A	8.9742	8.9707	N/A
Channel Bandwidth: 15 MHz								
Lowest	75	0	14.580	14.600	N/A	13.4720	13.4660	N/A
Middle	75	0	14.530	14.530	N/A	13.4650	13.4880	N/A
Highest	75	0	15.090	14.970	N/A	13.4970	13.4840	N/A
Channel Bandwidth: 20 MHz								
Lowest	100	0	19.440	19.410	N/A	17.9570	17.9630	N/A
Middle	100	0	19.740	19.360	N/A	17.9540	17.9610	N/A
Highest	100	0	19.210	19.560	N/A	17.9660	17.9890	N/A



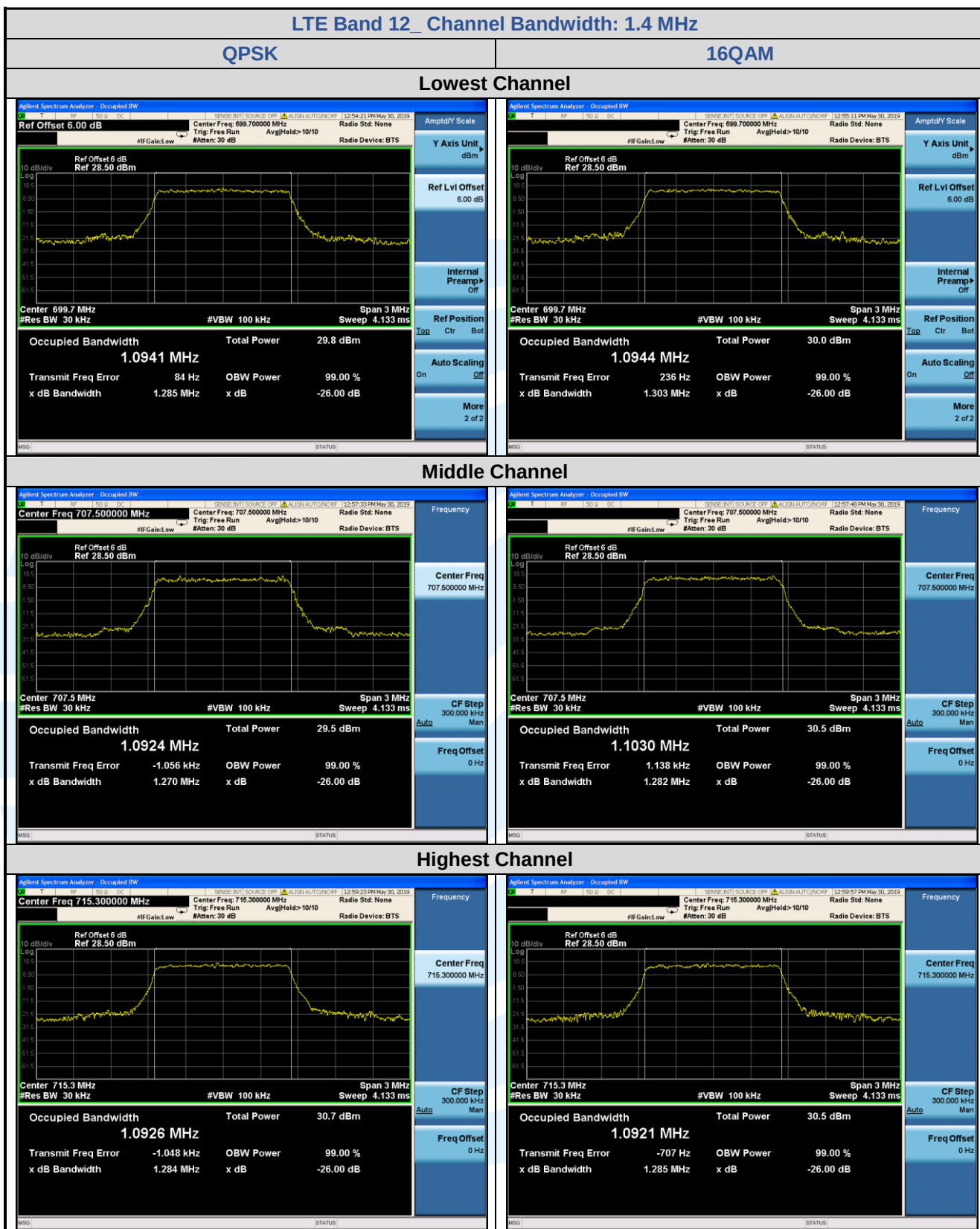


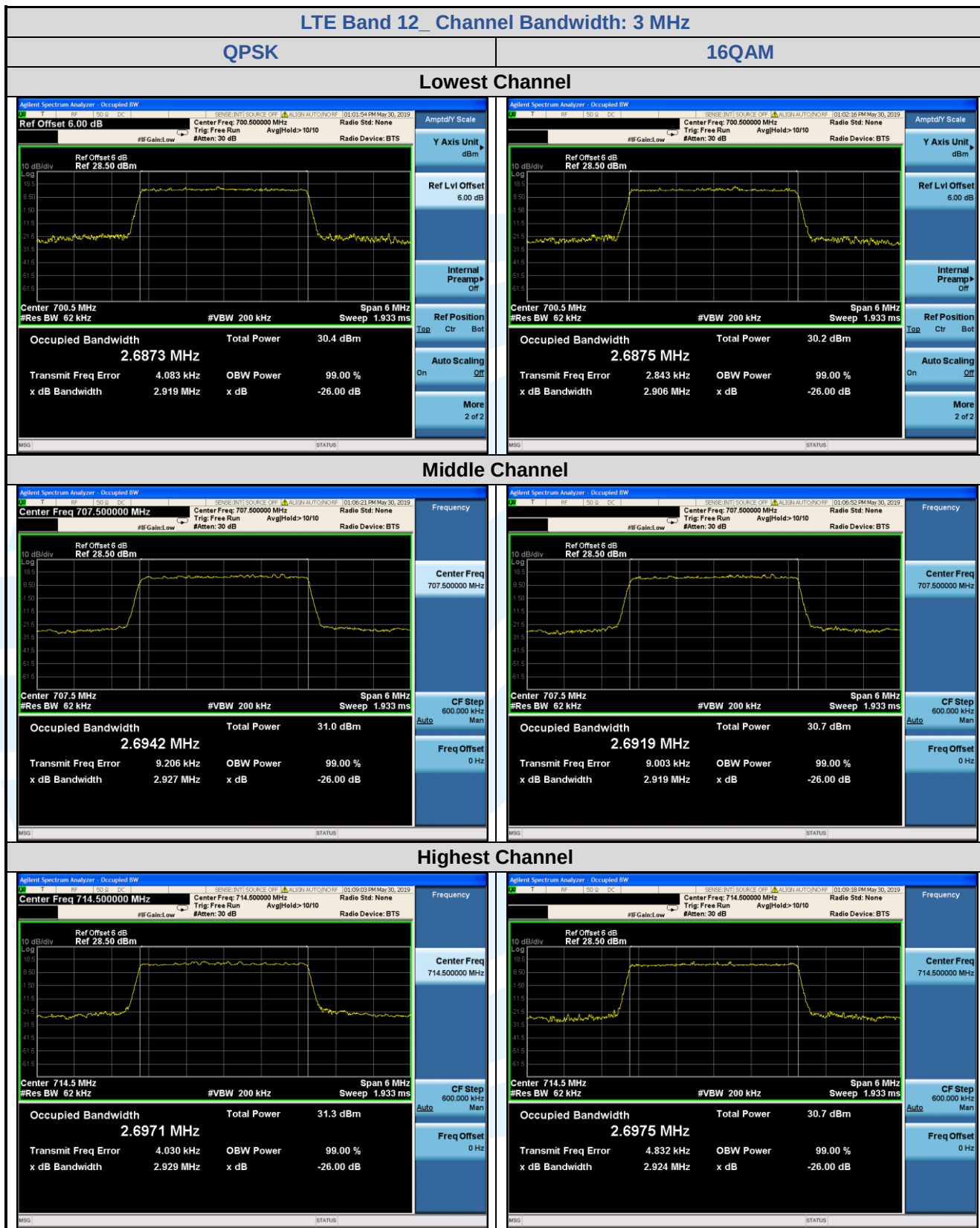


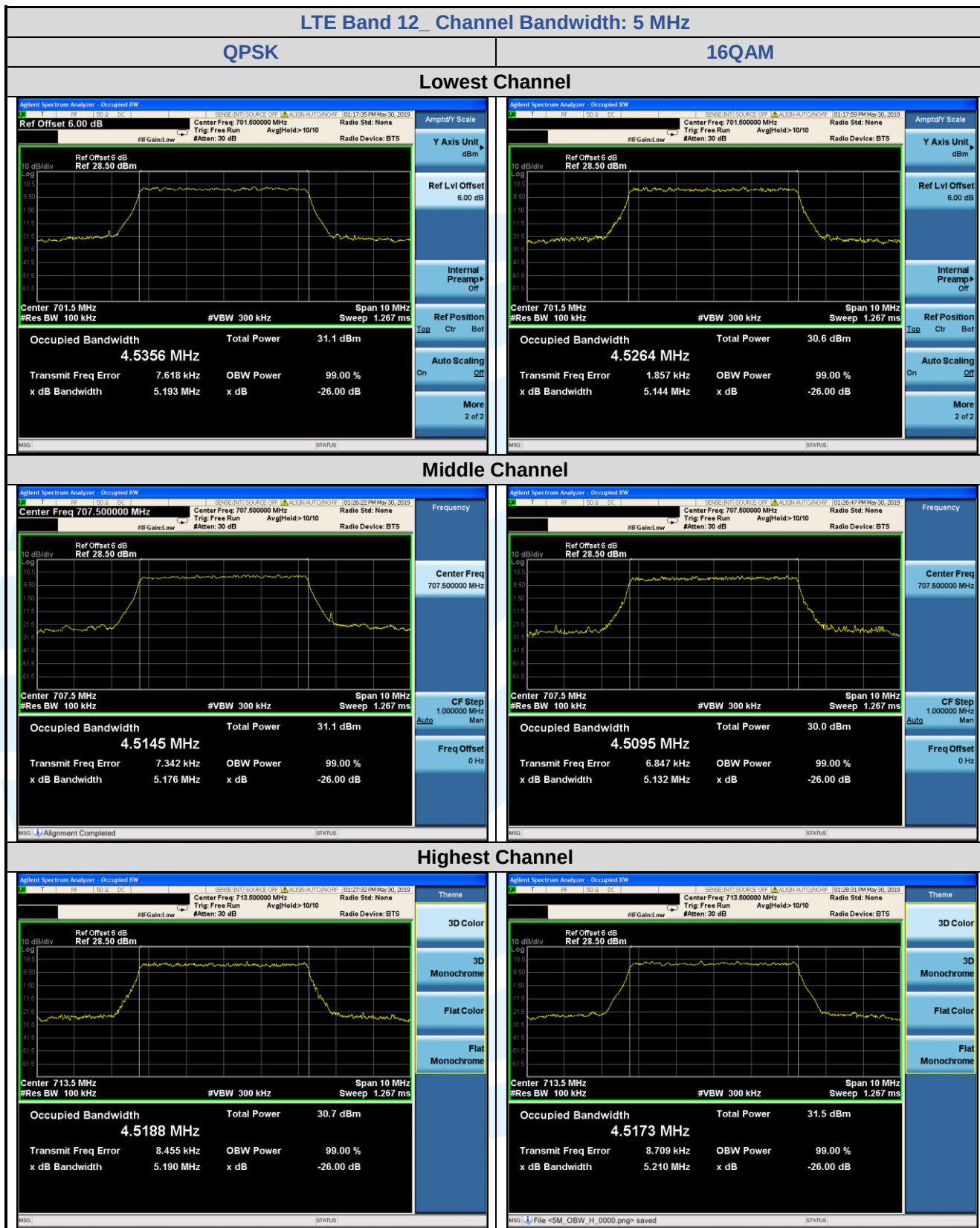


LTE Band 12

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	1.285	1.303	N/A	1.0941	1.0944	N/A
Middle	6	0	1.270	1.282	N/A	1.0924	1.1030	N/A
Highest	6	0	1.284	1.285	N/A	1.0926	1.0921	N/A
Channel Bandwidth: 3 MHz								
Lowest	15	0	2.919	2.906	N/A	2.6873	2.6875	N/A
Middle	15	0	2.927	2.919	N/A	2.6942	2.6919	N/A
Highest	15	0	2.929	2.924	N/A	2.6971	2.6975	N/A
Channel Bandwidth: 5 MHz								
Lowest	25	0	5.193	5.144	N/A	4.5356	4.5264	N/A
Middle	25	0	5.176	5.132	N/A	4.5145	4.5095	N/A
Highest	25	0	5.190	5.210	N/A	4.5188	4.5173	N/A
Channel Bandwidth: 10 MHz								
Lowest	50	0	10.160	10.020	N/A	9.0223	9.0383	N/A
Middle	50	0	10.060	9.914	N/A	8.9637	8.9854	N/A
Highest	50	0	10.060	10.140	N/A	8.9896	9.0155	N/A









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	5.180	5.180	N/A	4.5022	4.5022	N/A
Middle	25	0	5.180	5.180	N/A	4.5022	4.5022	N/A
Highest	25	0	5.180	5.234	N/A	4.5022	4.5324	N/A
Channel Bandwidth: 10 MHz								
Lowest	50	0	10.060	10.010	N/A	8.9675	8.9737	N/A
Middle	50	0	9.876	9.934	N/A	8.9588	8.9563	N/A
Highest	50	0	10.120	10.150	N/A	9.0027	9.0036	N/A

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