

Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: 16/F, Block A, Building 6, Baoneng Science and Technology Park, Qingxiang Road No.1, Longhua New District, Shenzhen, China

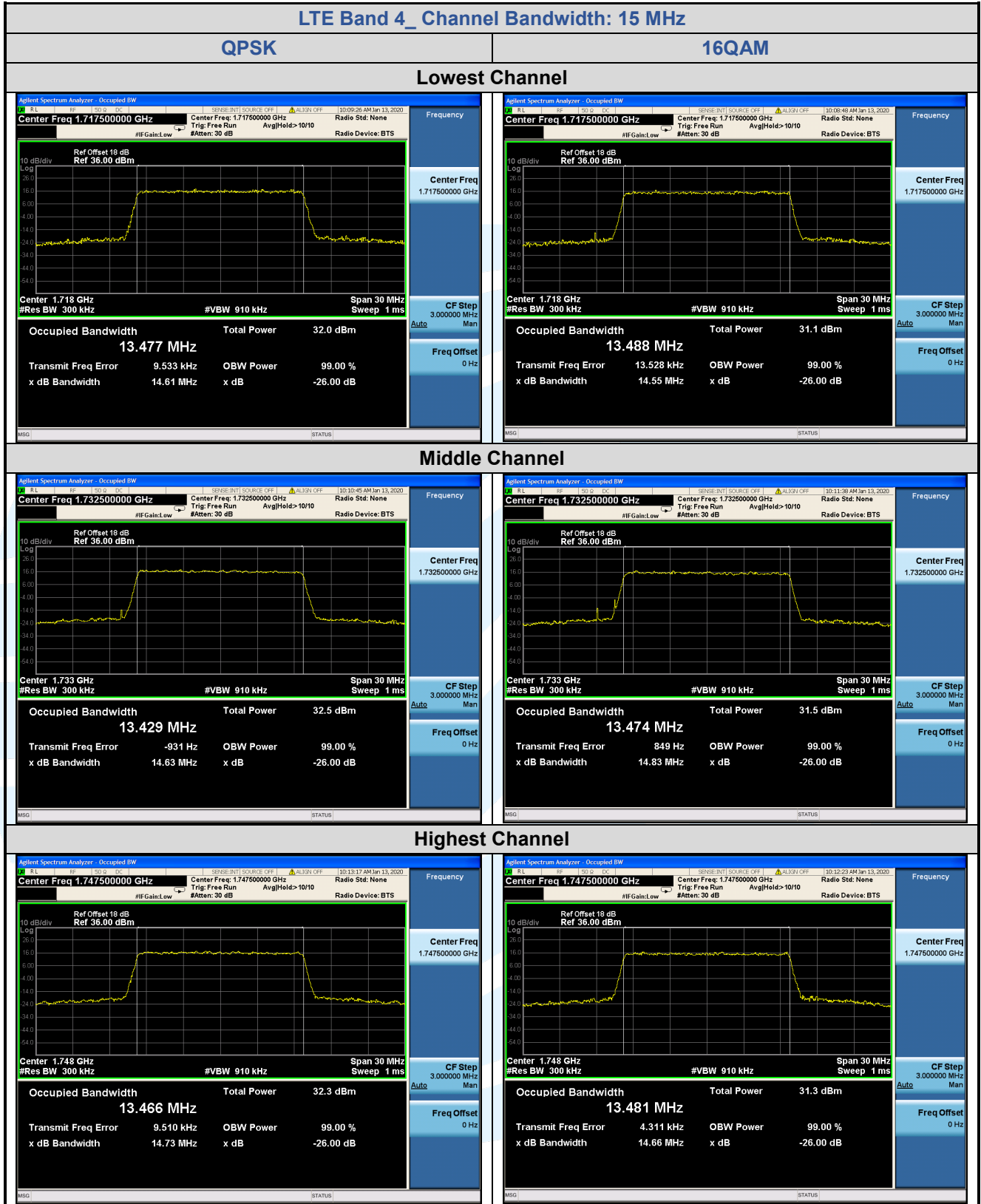
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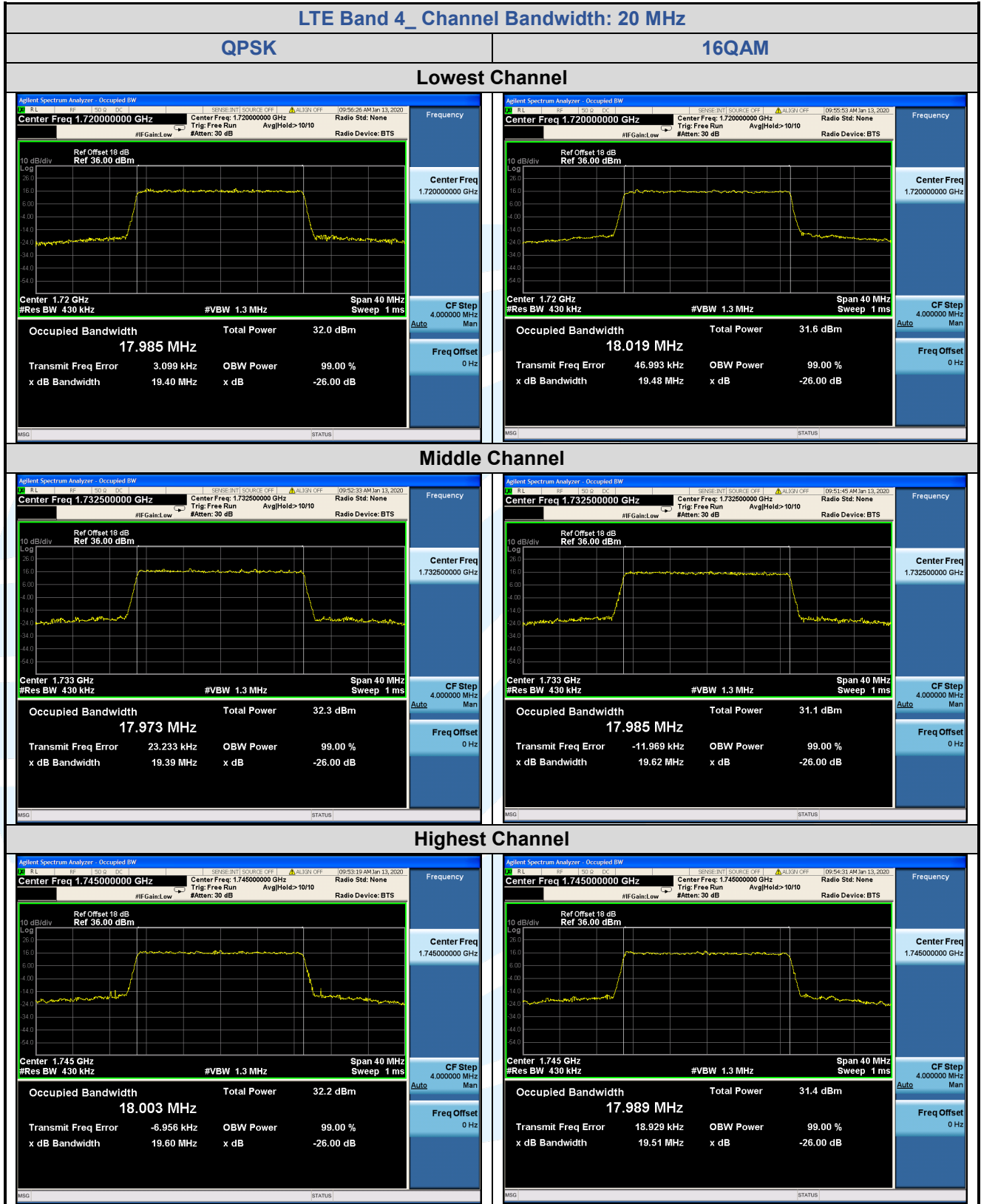
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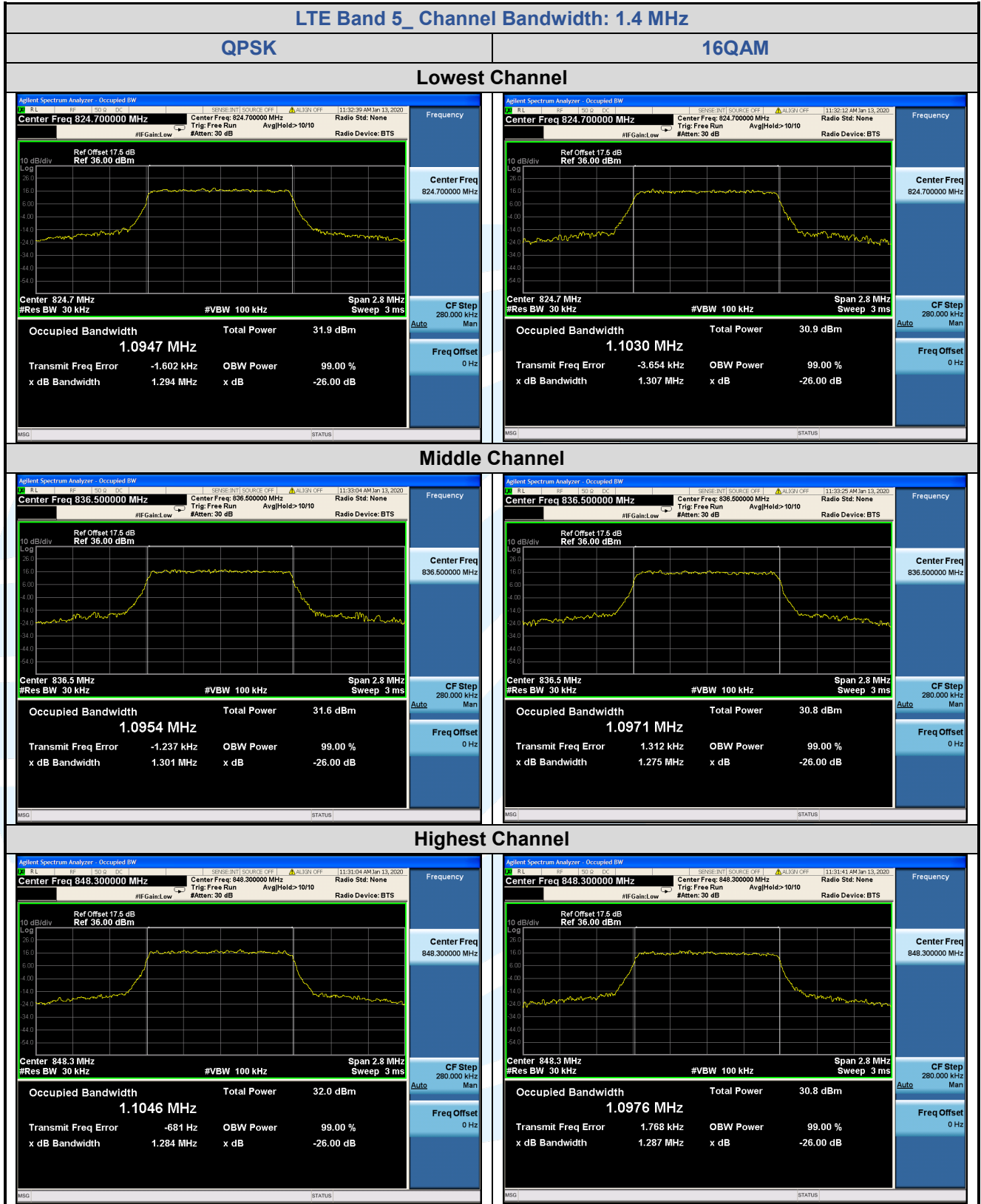
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5.5.3 LTE Band 5

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	1.294	1.307	/	1.0947	1.1030	/
Middle	6	0	1.301	1.275	/	1.0954	1.0971	/
Highest	6	0	1.284	1.287	/	1.1046	1.0976	/
Channel Bandwidth: 3 MHz								
Lowest	15	0	2.905	2.913	/	2.6956	2.6819	/
Middle	15	0	2.909	2.910	/	2.6877	2.6811	/
Highest	15	0	2.915	2.910	/	2.6907	2.6834	/
Channel Bandwidth: 5 MHz								
Lowest	25	0	4.922	4.911	/	4.5133	4.5057	/
Middle	25	0	4.912	4.941	/	4.4976	4.5198	/
Highest	25	0	4.960	4.941	/	4.5205	4.5241	/
Channel Bandwidth: 10 MHz								
Lowest	50	0	9.834	9.726	/	9.0016	8.9963	/
Middle	50	0	9.780	9.801	/	8.9961	8.9722	/
Highest	50	0	9.767	9.740	/	8.9795	8.9950	/



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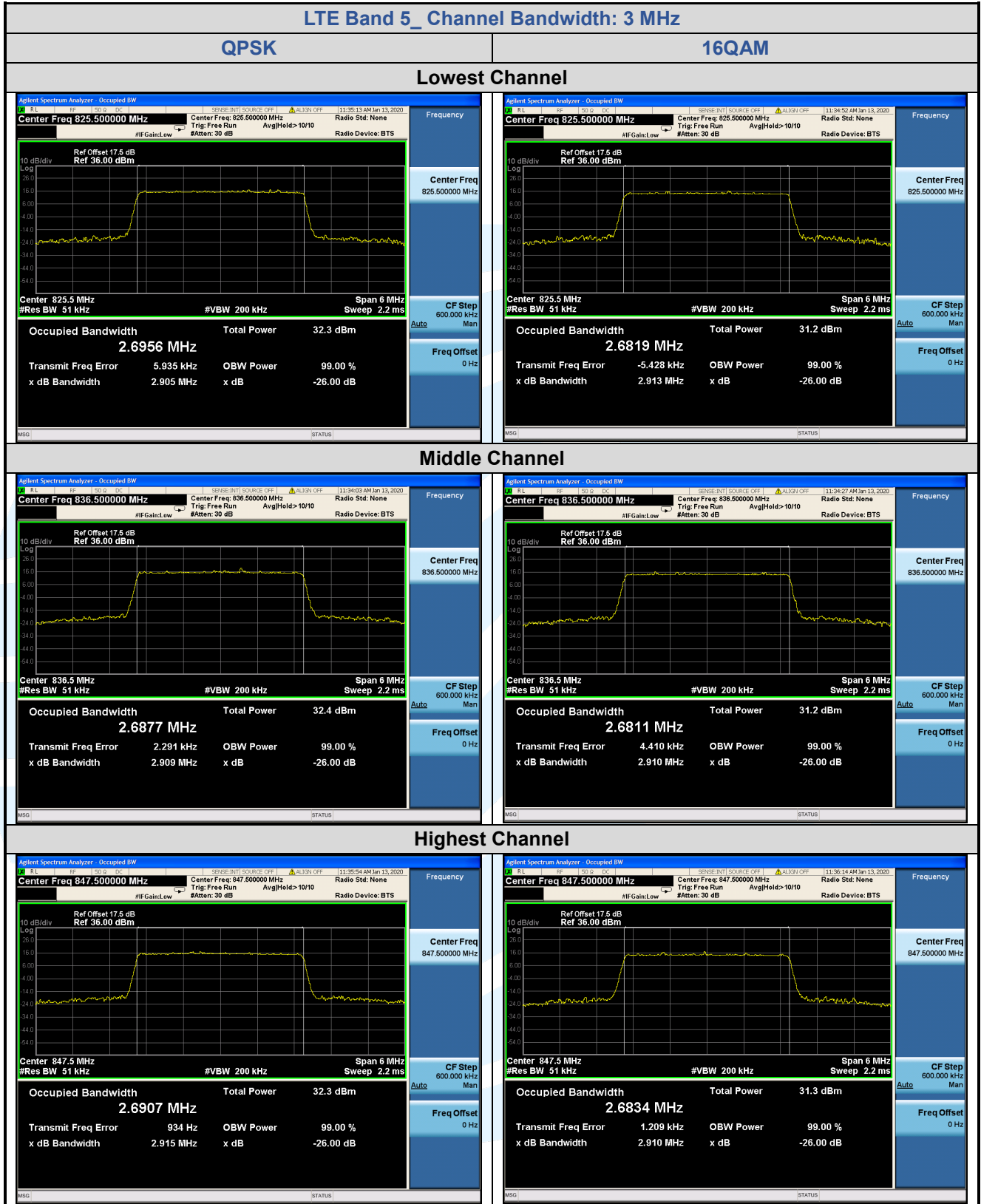
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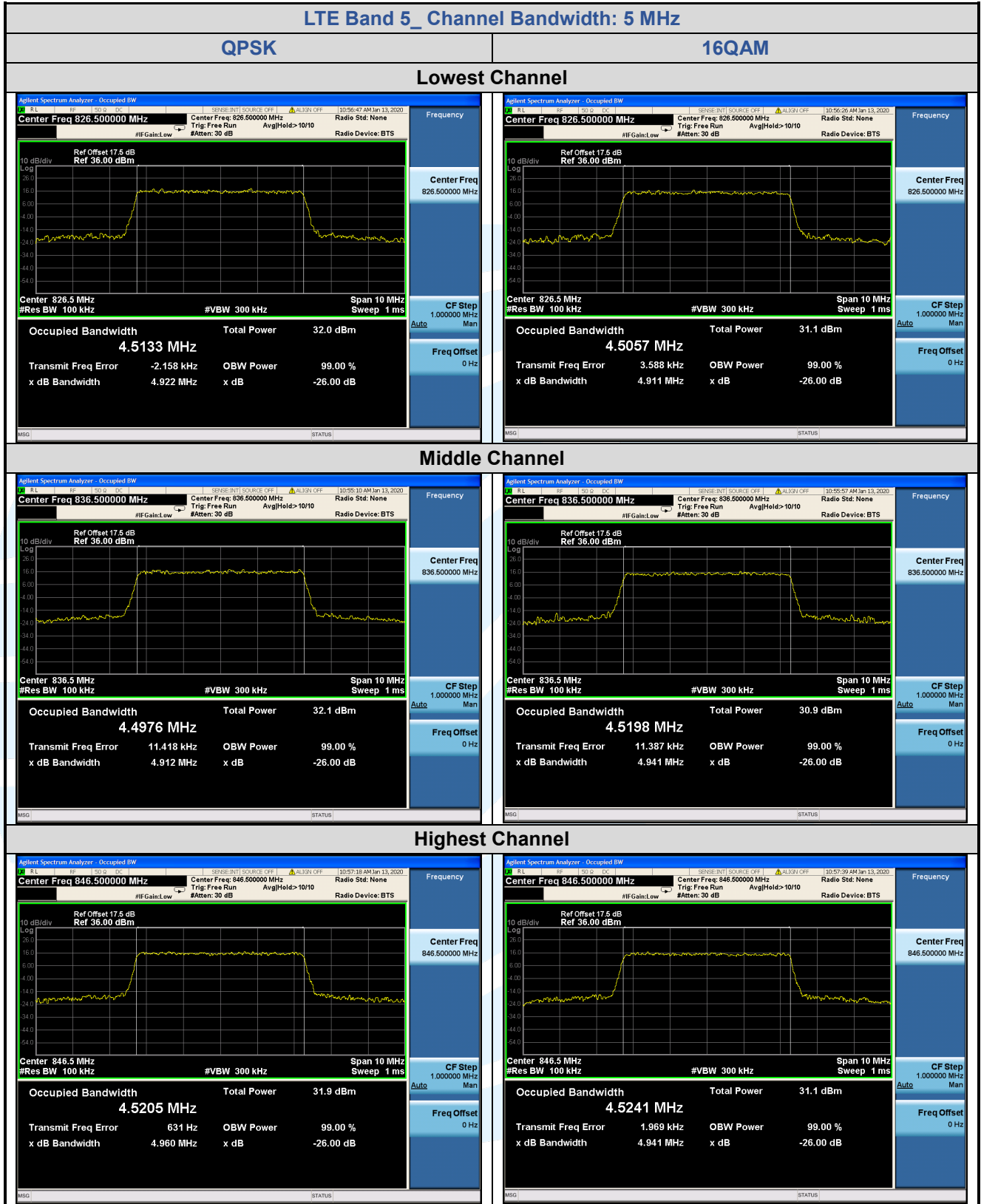
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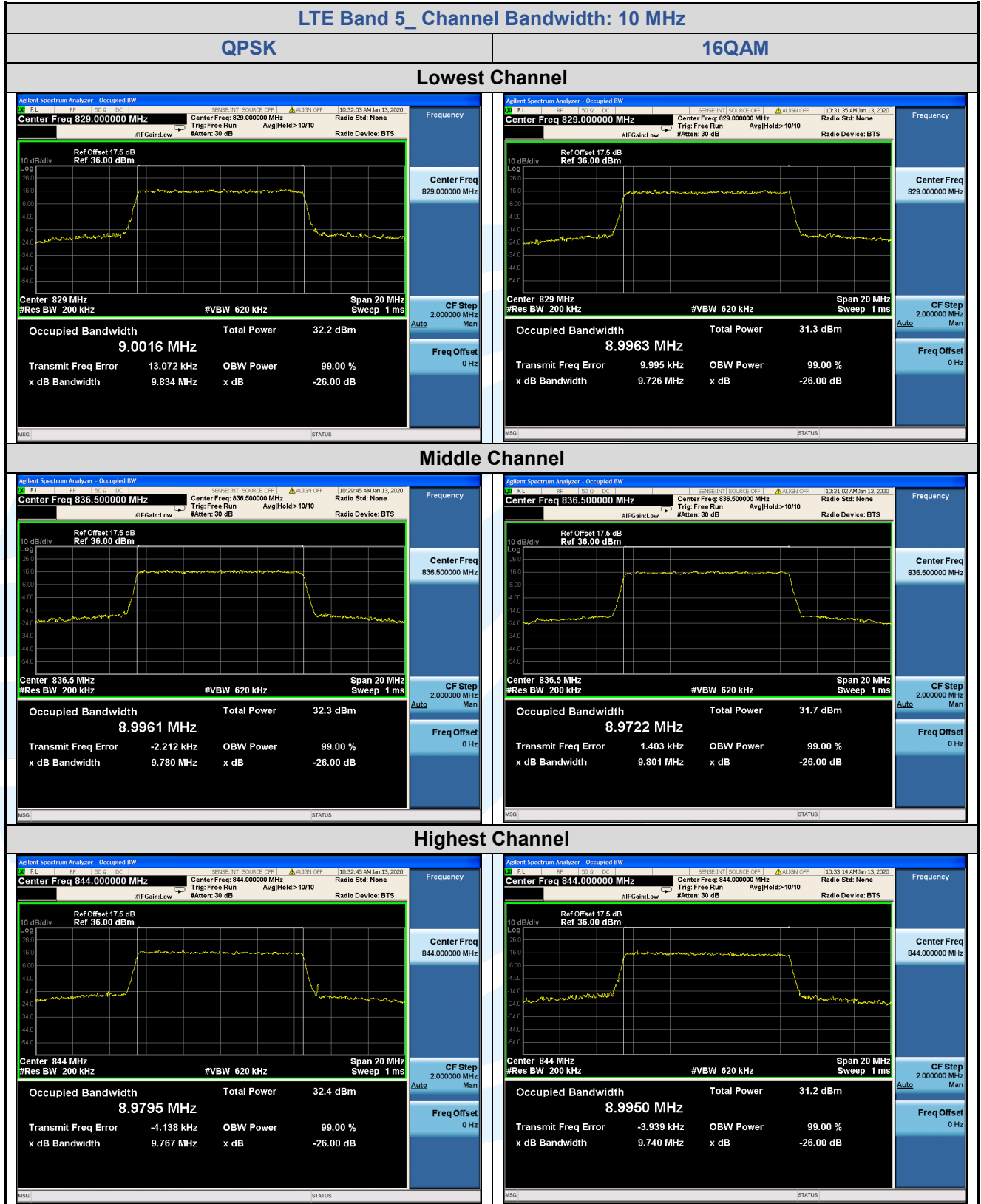
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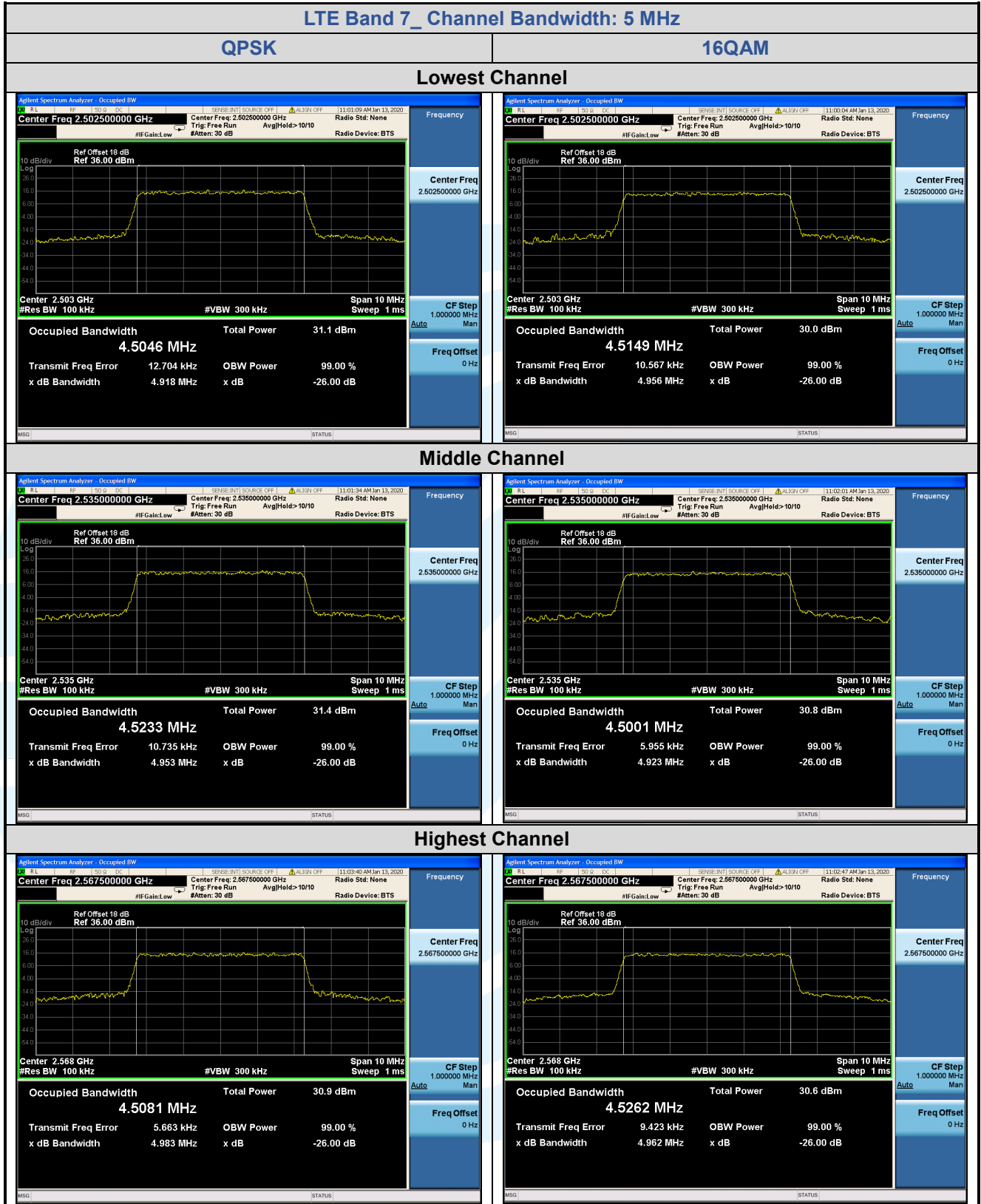
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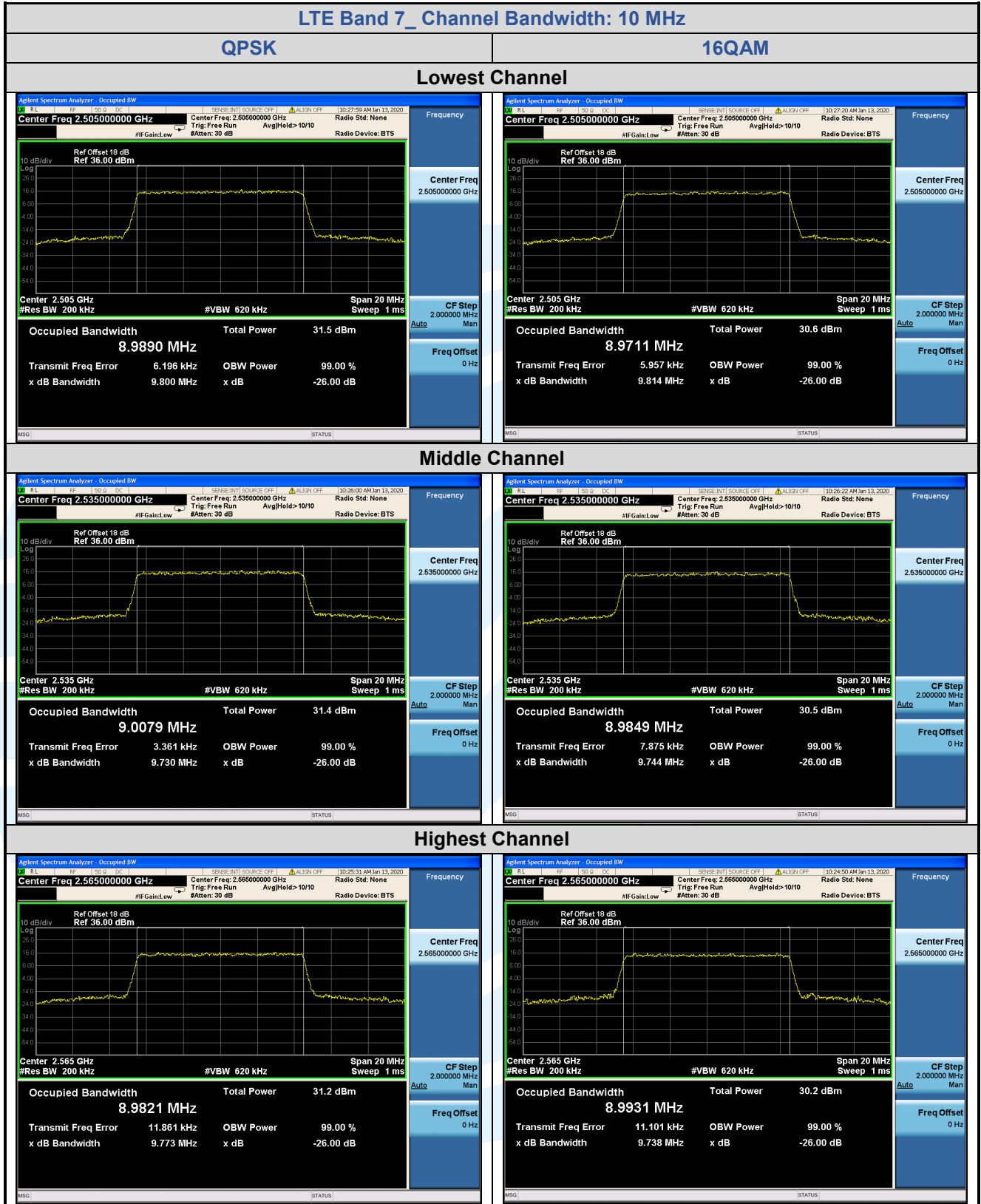
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5.5.4 LTE Band 7

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	4.918	4.956	/	4.5046	4.5149	/
Middle	25	0	4.953	4.923	/	4.5233	4.5001	/
Highest	25	0	4.983	4.962	/	4.5081	4.5262	/
Channel Bandwidth: 10 MHz								
Lowest	50	0	9.800	9.814	/	8.9890	8.9711	/
Middle	50	0	9.730	9.744	/	9.0079	8.9849	/
Highest	50	0	9.773	9.738	/	8.9821	8.9931	/
Channel Bandwidth: 15 MHz								
Lowest	75	0	14.71	14.64	/	13.474	13.471	/
Middle	75	0	14.68	14.59	/	13.442	13.491	/
Highest	75	0	14.66	14.71	/	13.495	13.493	/
Channel Bandwidth: 20 MHz								
Lowest	100	0	19.65	19.48	/	17.968	17.953	/
Middle	100	0	19.39	19.55	/	17.969	17.958	/
Highest	100	0	19.72	19.54	/	17.998	18.041	/





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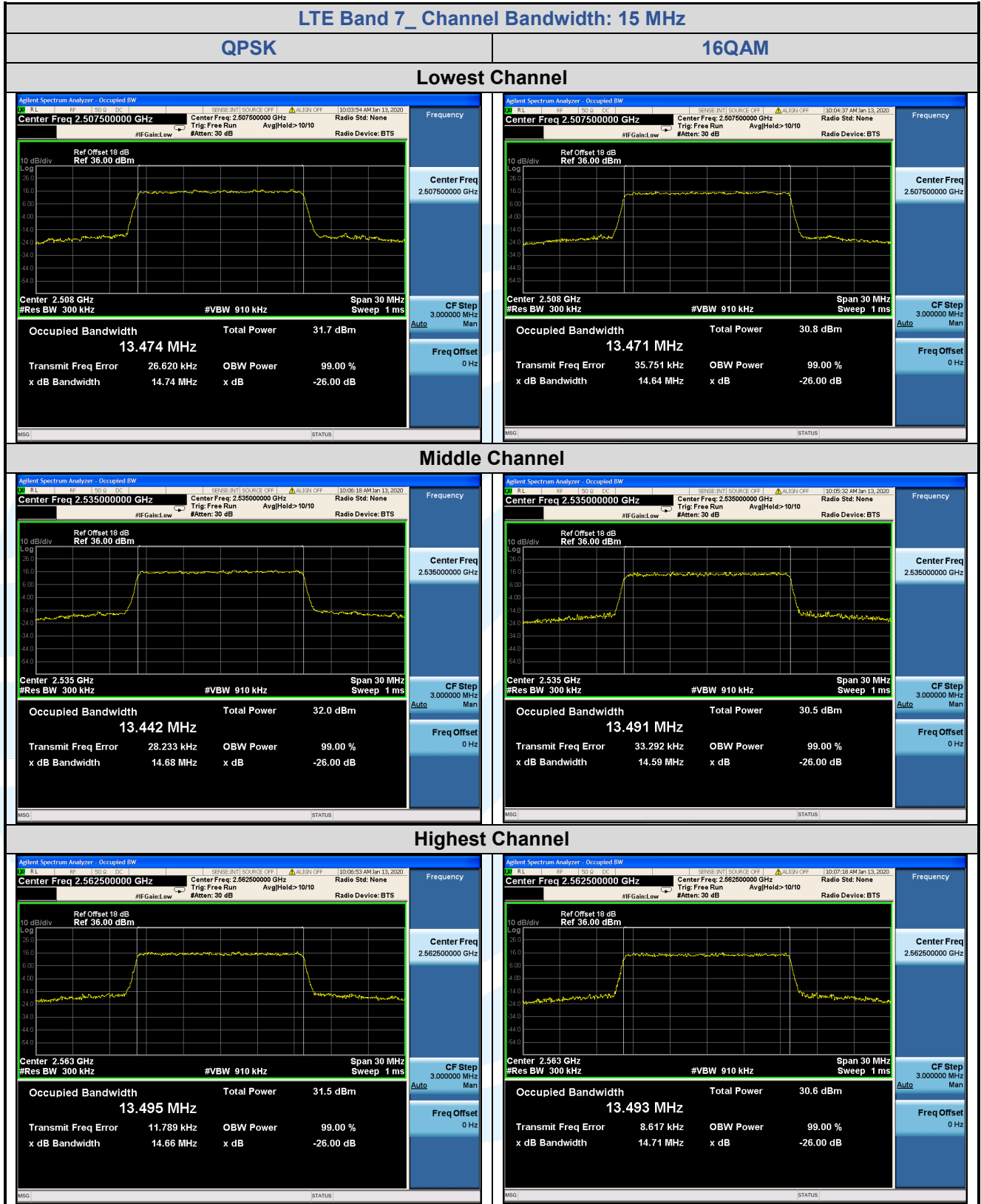
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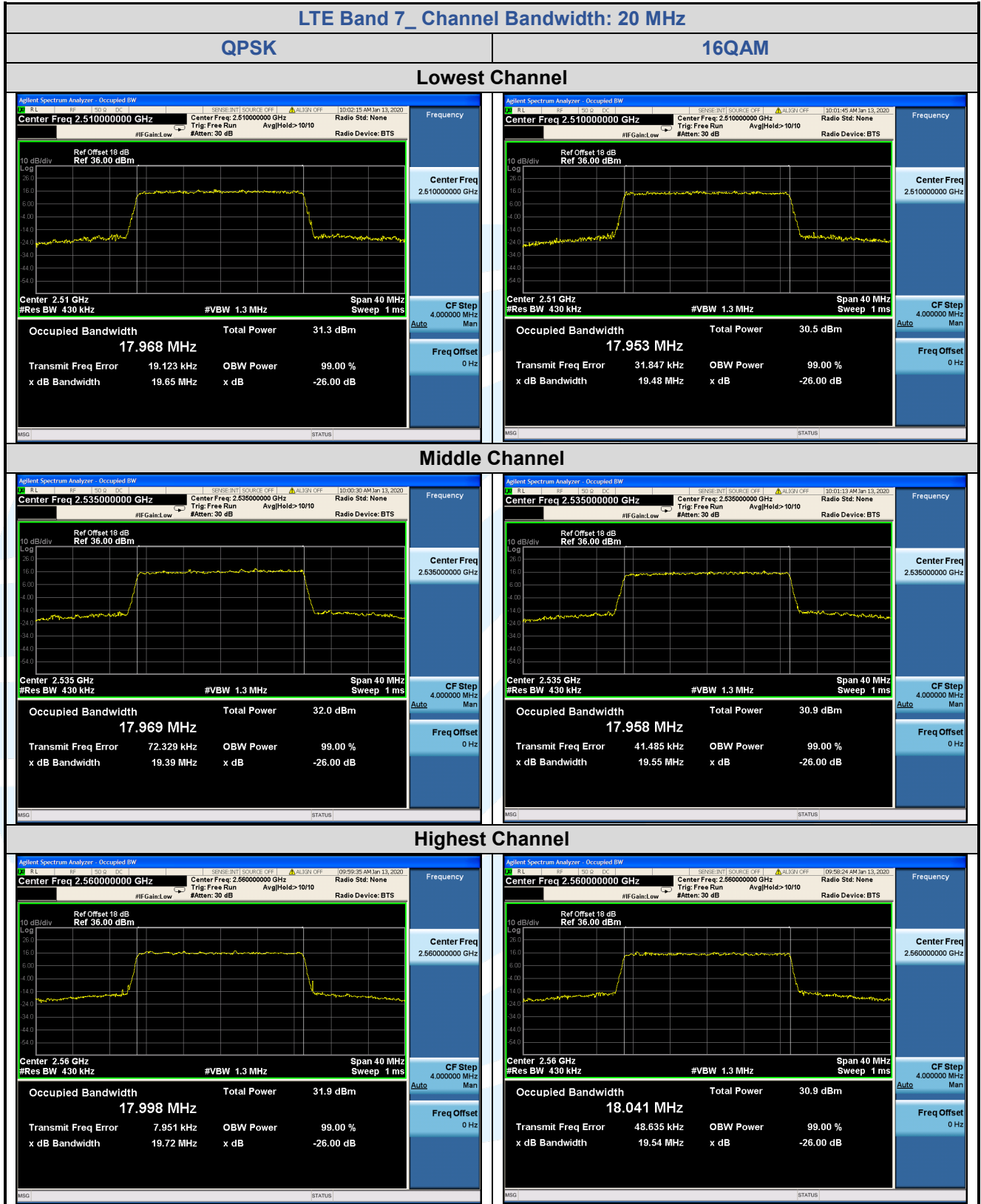
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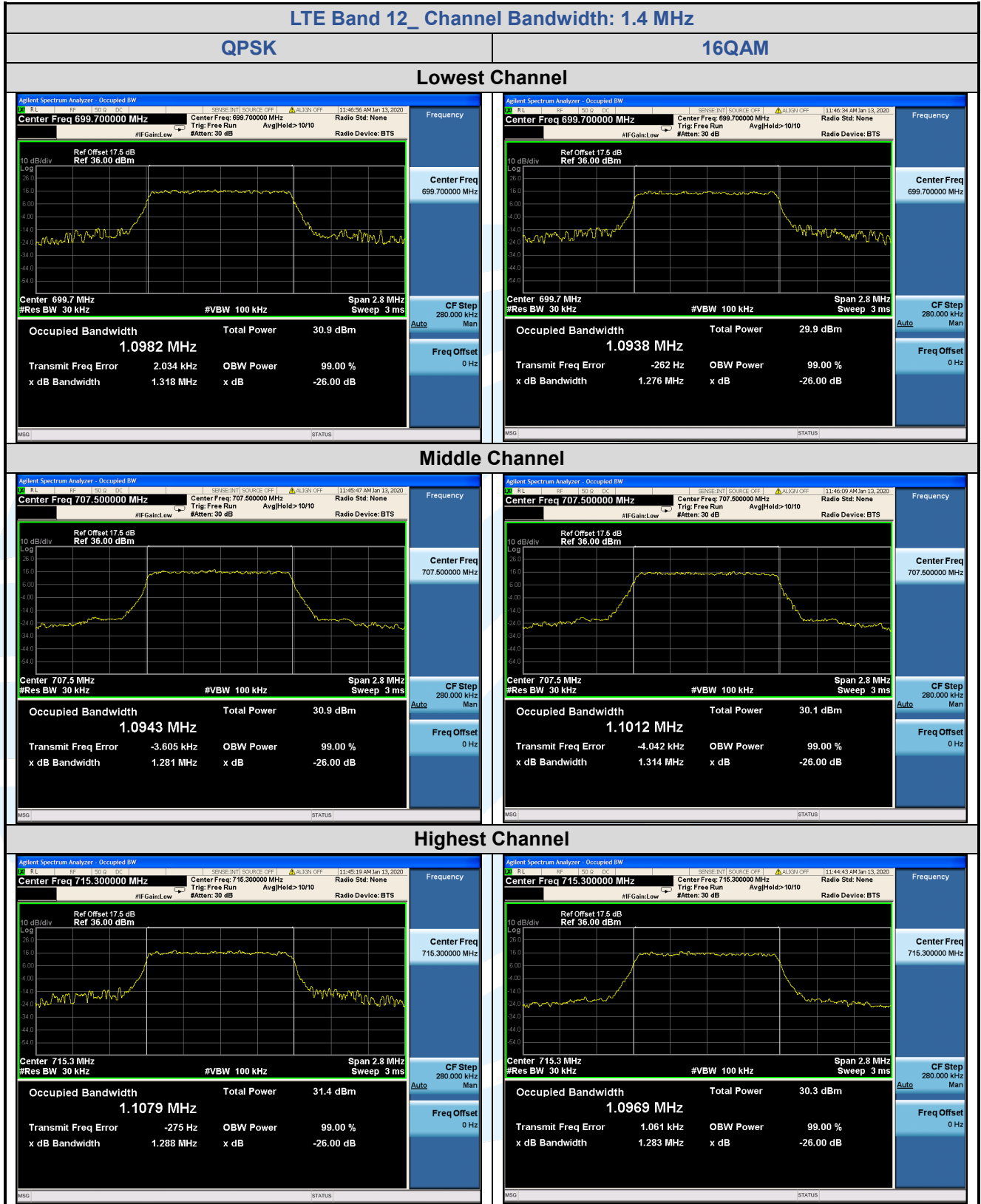
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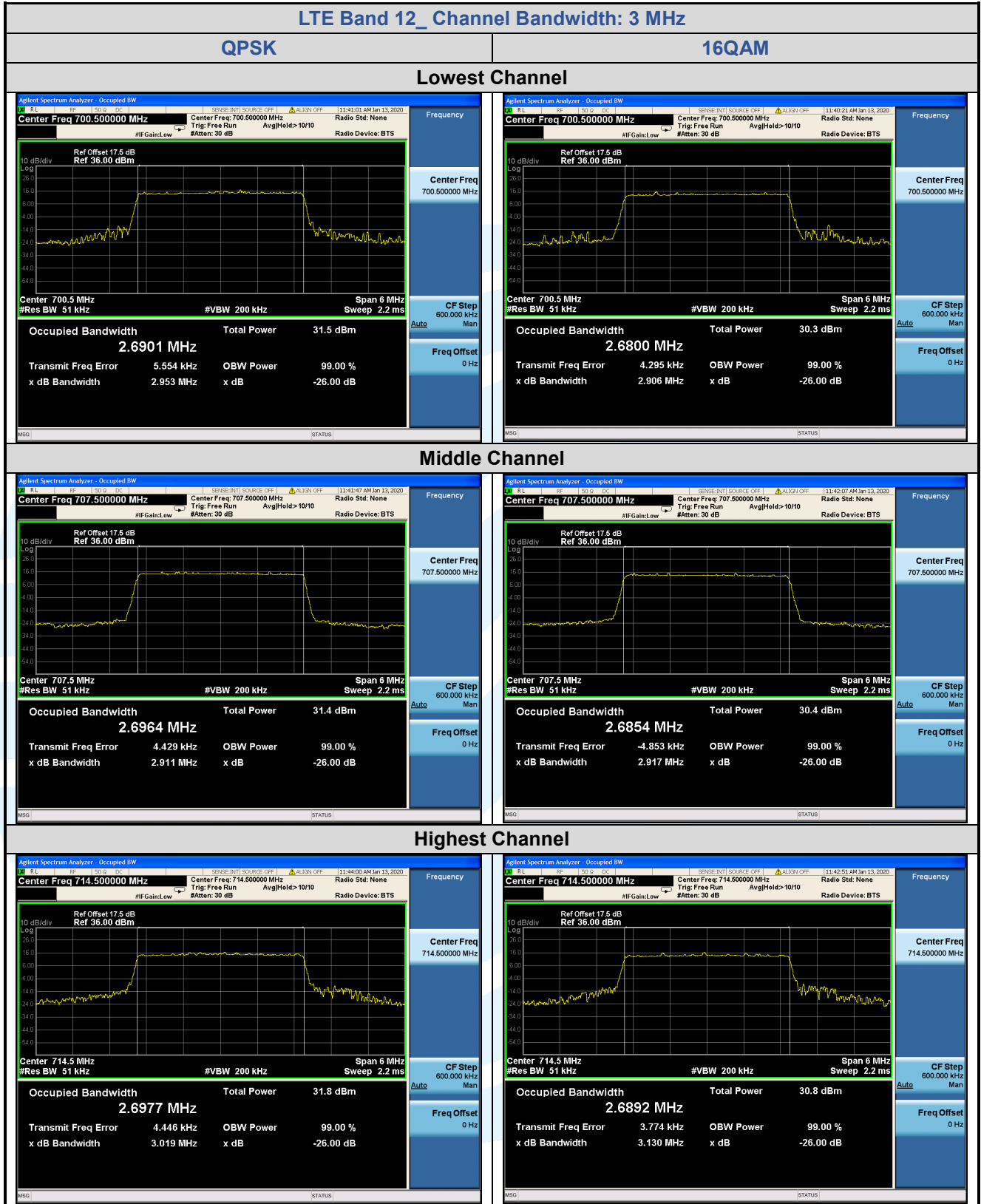
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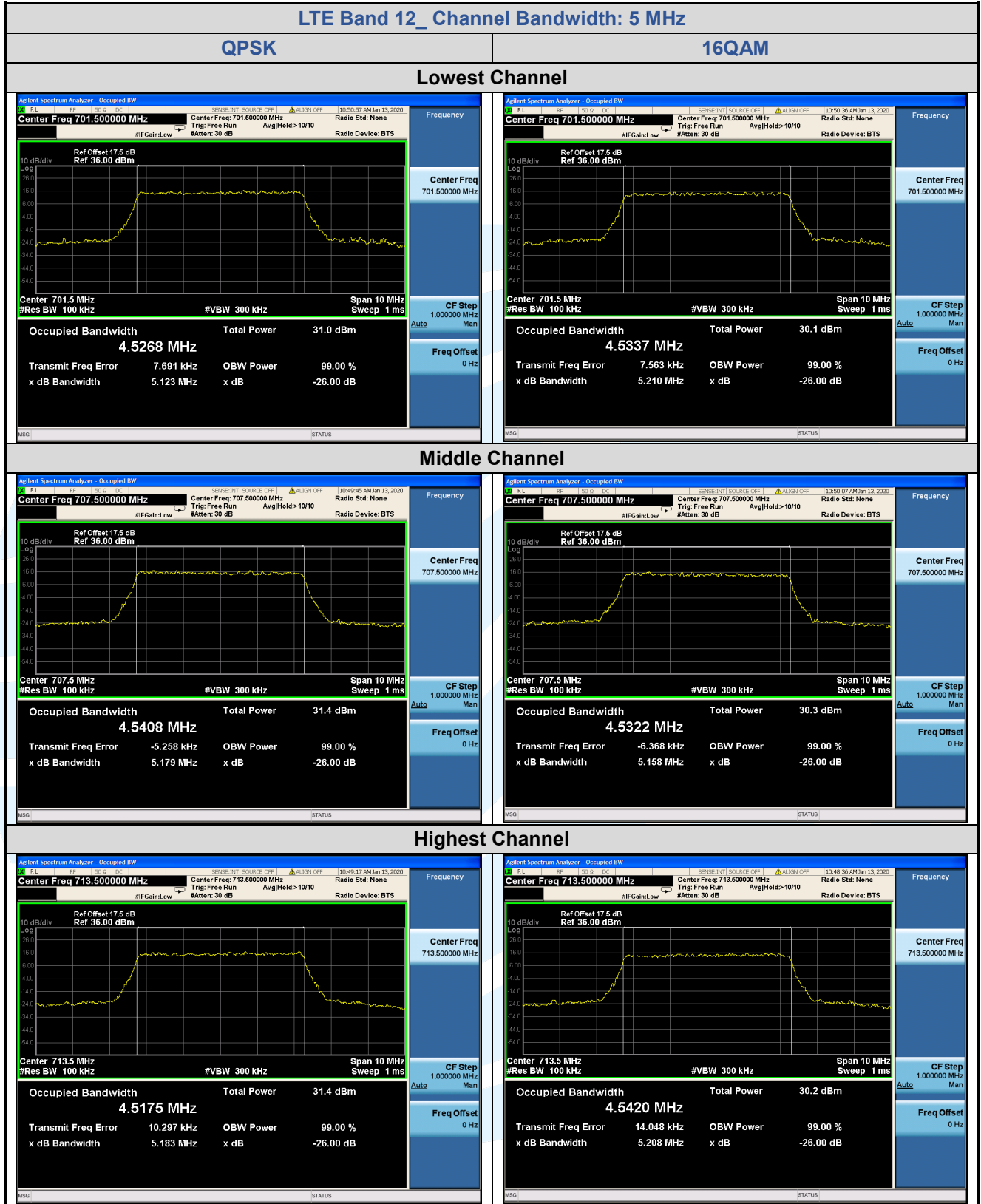
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5.5.5 LTE Band 12

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	1.318	1.276	/	1.0982	1.0938	/
Middle	6	0	1.281	1.314	/	1.0943	1.1012	/
Highest	6	0	1.288	1.283	/	1.1079	1.0969	/
Channel Bandwidth: 3 MHz								
Lowest	15	0	2.953	2.906	/	2.6901	2.6800	/
Middle	15	0	2.911	2.917	/	2.6964	2.6854	/
Highest	15	0	3.019	3.130	/	2.6977	2.6892	/
Channel Bandwidth: 5 MHz								
Lowest	25	0	5.123	5.210	/	4.5268	4.5337	/
Middle	25	0	5.179	5.158	/	4.5408	4.5322	/
Highest	25	0	5.183	5.208	/	4.5175	4.5420	/
Channel Bandwidth: 10 MHz								
Lowest	50	0	9.990	10.03	/	8.9794	8.9928	/
Middle	50	0	10.18	10.10	/	9.0109	9.0292	/
Highest	50	0	10.19	10.02	/	9.0458	9.0385	/







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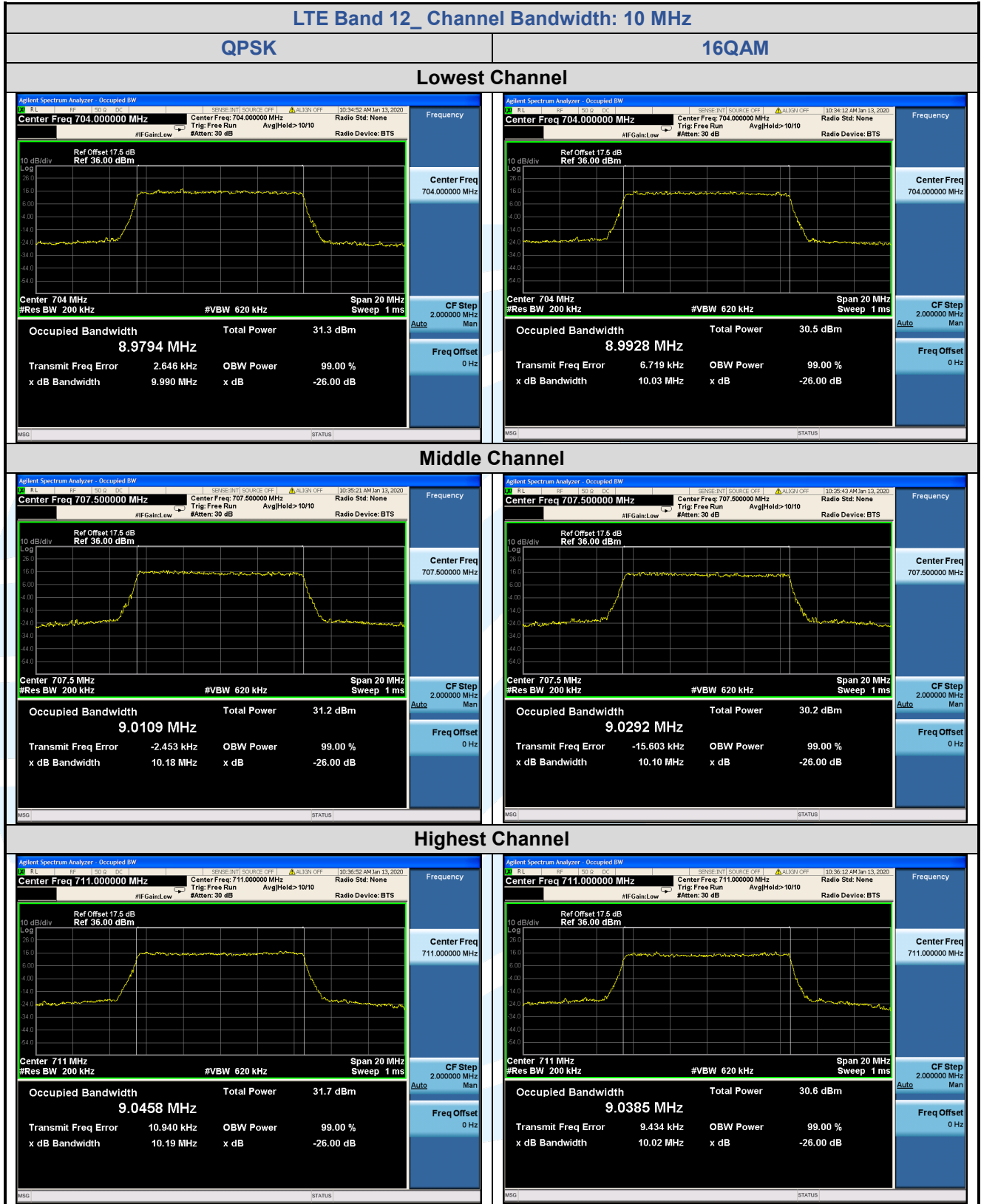
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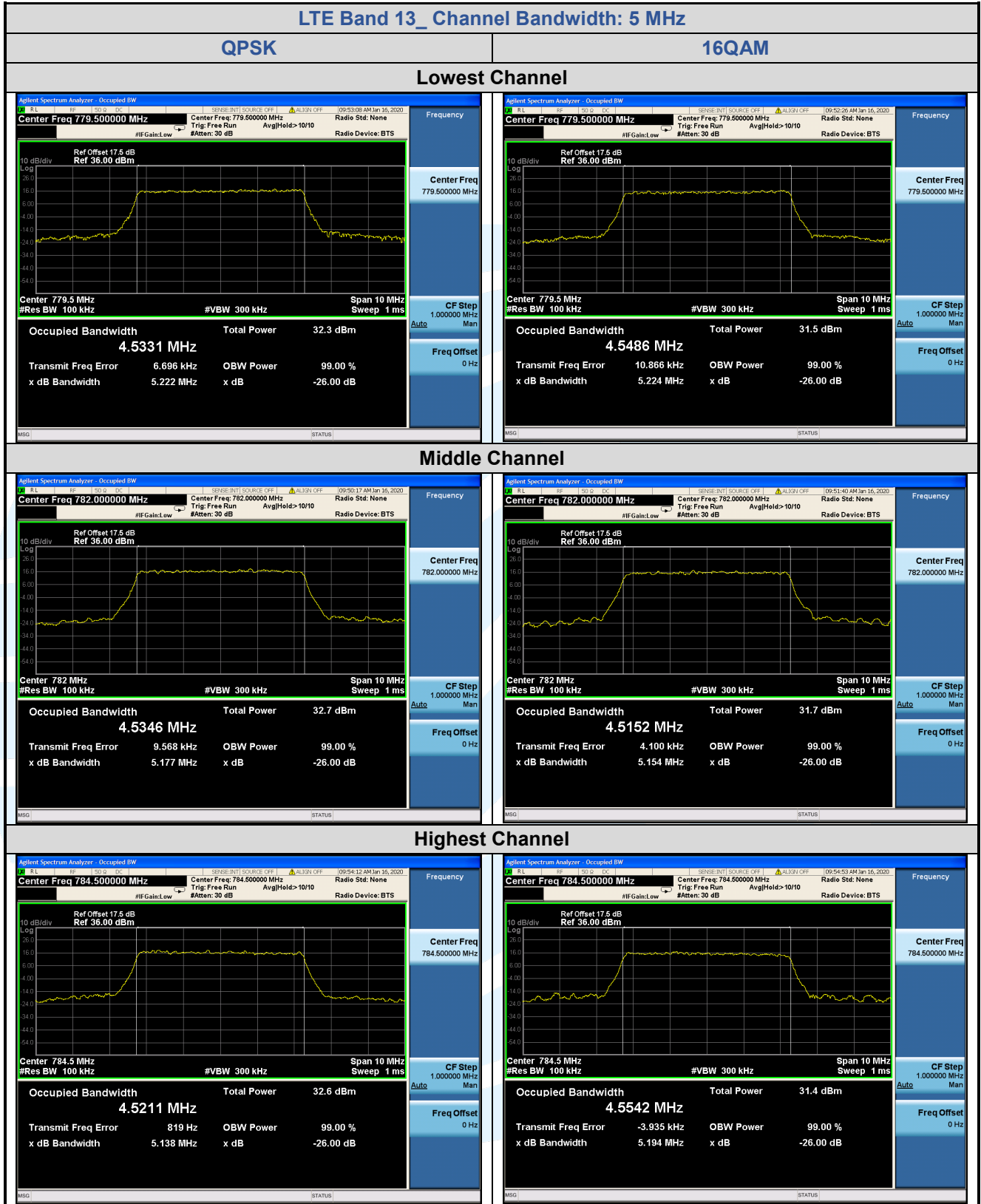
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5.5.6 LTE Band 13

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	5.222	5.224	/	4.5331	4.5486	/
Middle	25	0	5.177	5.154	/	4.5346	4.5152	/
Highest	25	0	5.138	5.194	/	4.5211	4.5542	/
Channel Bandwidth: 10 MHz								
Middle	50	0	10.17	10.05	/	9.0024	8.9945	/



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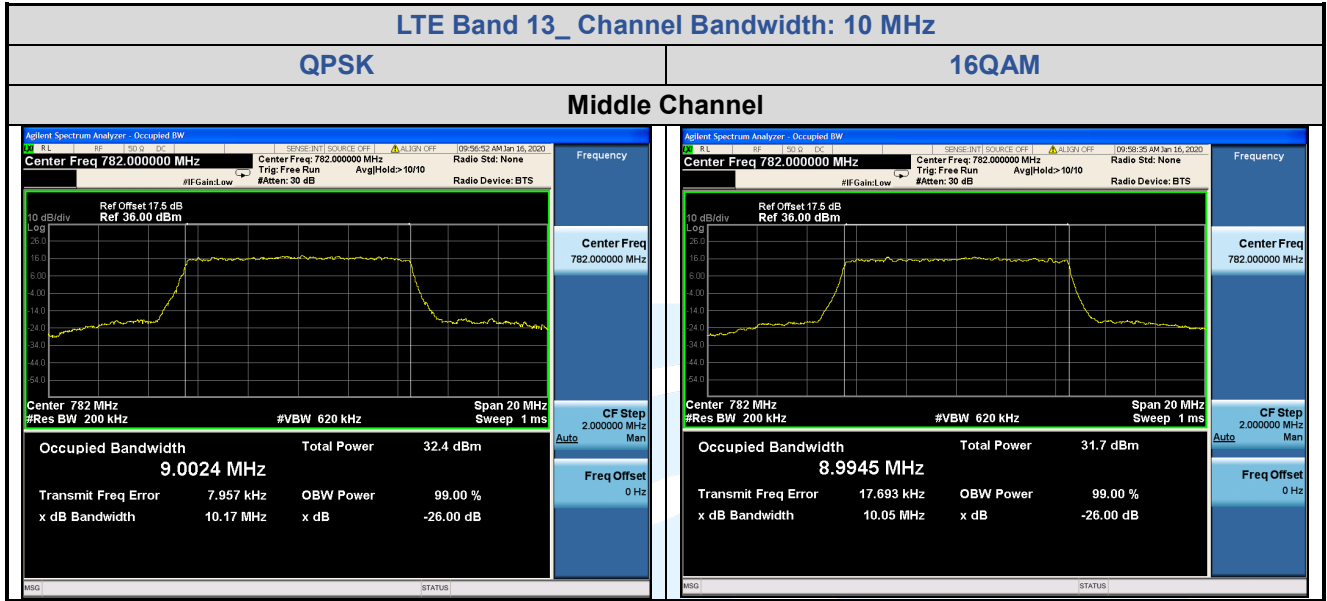
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