

Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: Unit D/E of 9/F and 16/F, Block A, Building 6, Baoneng science and technology park, Longhua district, Shenzhen, China

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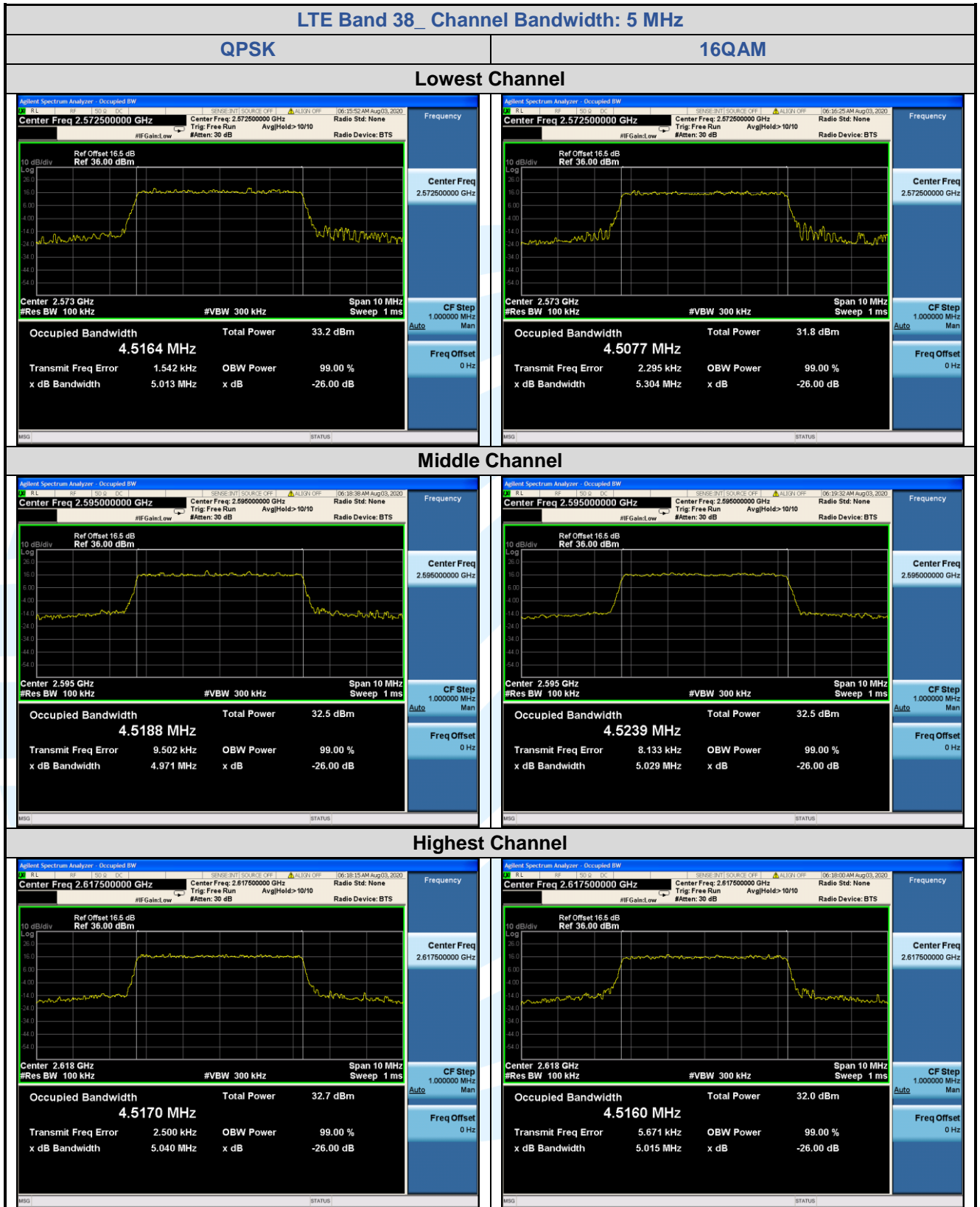
E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCC4G-V1.1

5.5.9 LTE Band 38

LTE Band 38								
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	5.013	5.304	/	4.5164	4.5077	/
Middle	25	0	4.971	5.029	/	4.5188	4.5239	/
Highest	25	0	5.040	5.015	/	4.5170	4.5160	/
Channel Bandwidth: 10 MHz								
Lowest	50	0	10.46	9.712	/	8.9557	8.9494	/
Middle	50	0	11.03	9.944	/	9.0043	8.9975	/
Highest	50	0	10.55	9.775	/	9.0205	8.9653	/
Channel Bandwidth: 15 MHz								
Lowest	75	0	14.81	14.85	/	13.462	13.505	/
Middle	75	0	15.00	15.43	/	13.471	13.452	/
Highest	75	0	15.82	15.28	/	13.451	13.496	/
Channel Bandwidth: 20 MHz								
Lowest	100	0	20.10	20.55	/	17.929	17.971	/
Middle	100	0	19.26	19.64	/	17.989	17.905	/
Highest	100	0	19.78	20.00	/	17.943	17.938	/



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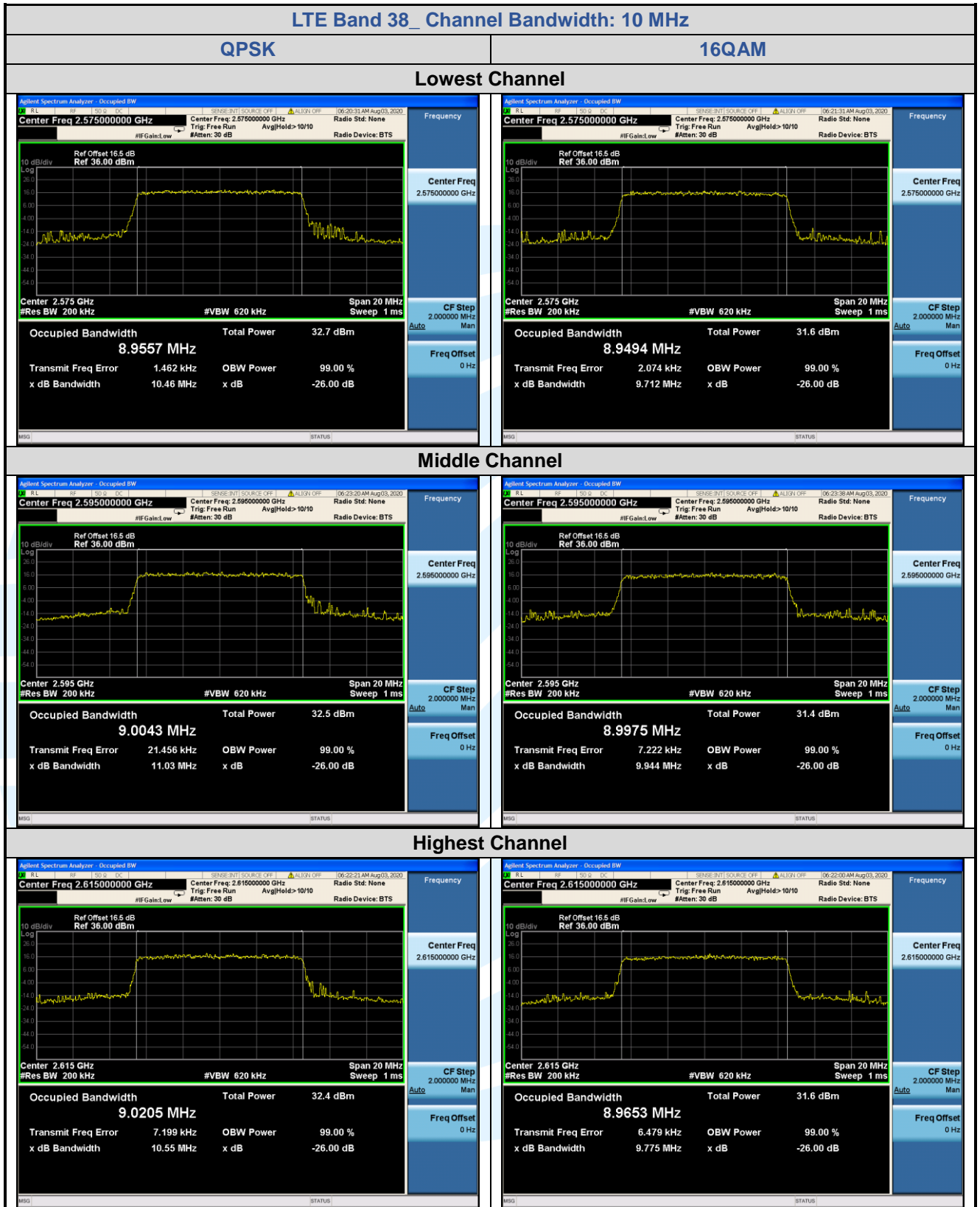
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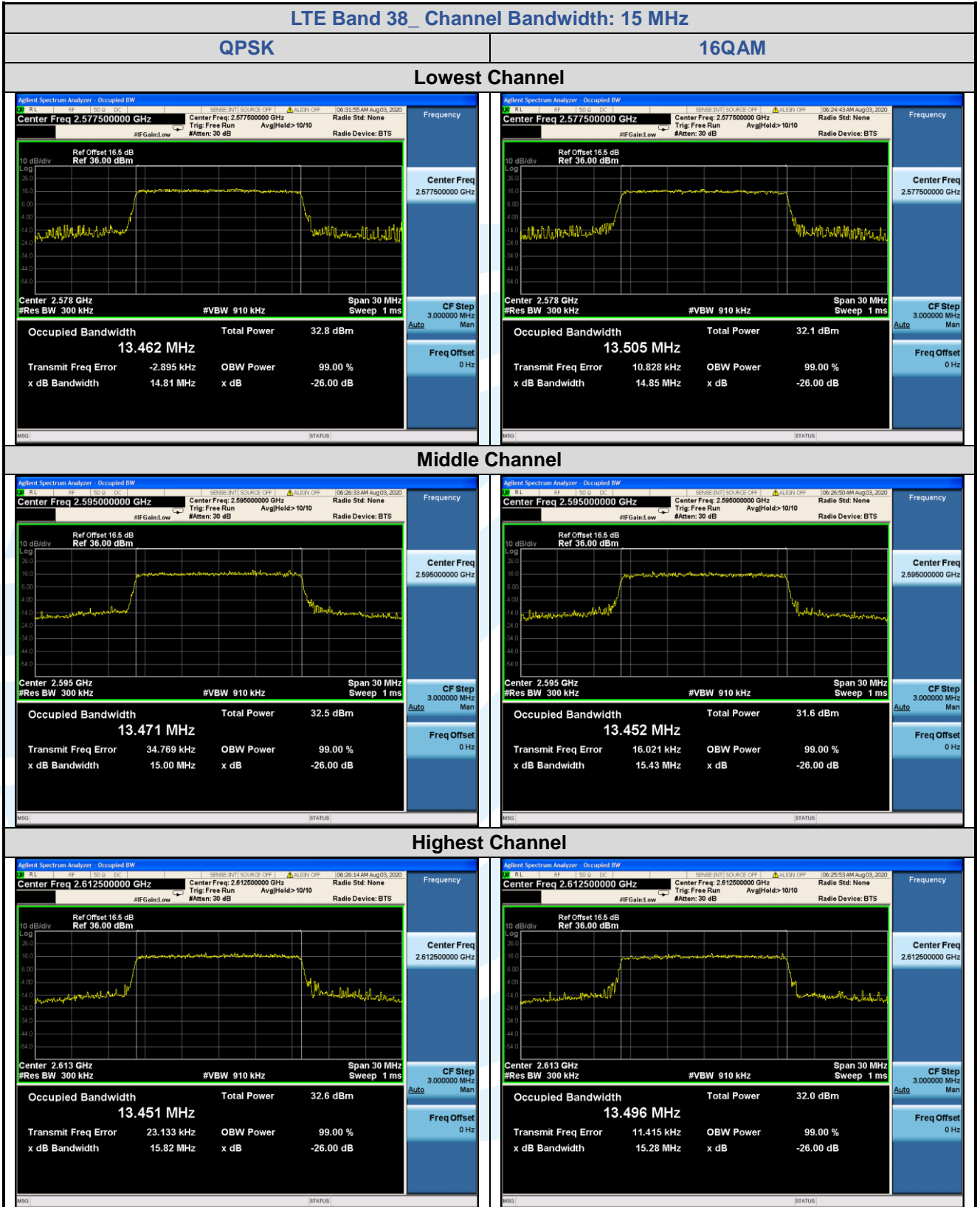
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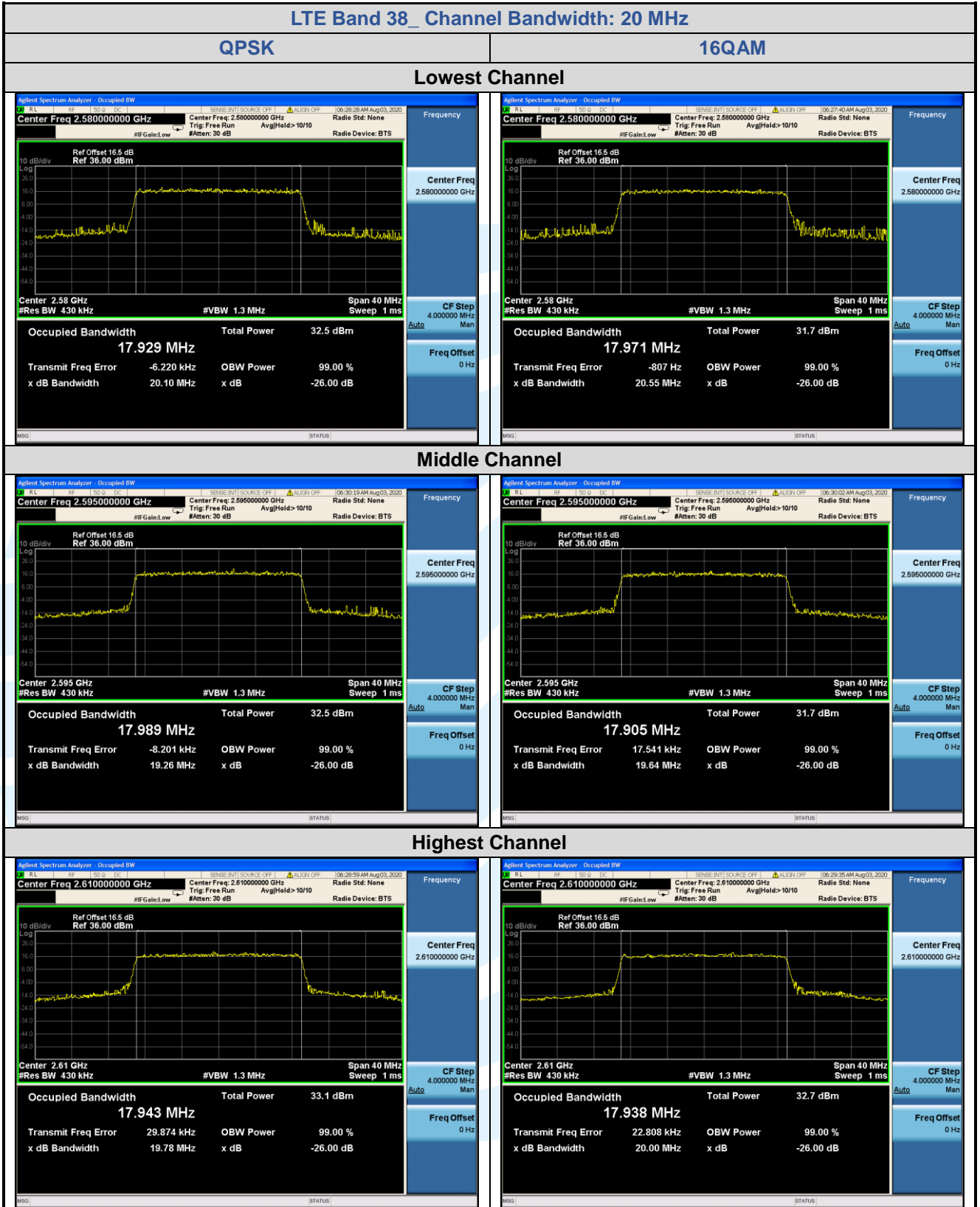
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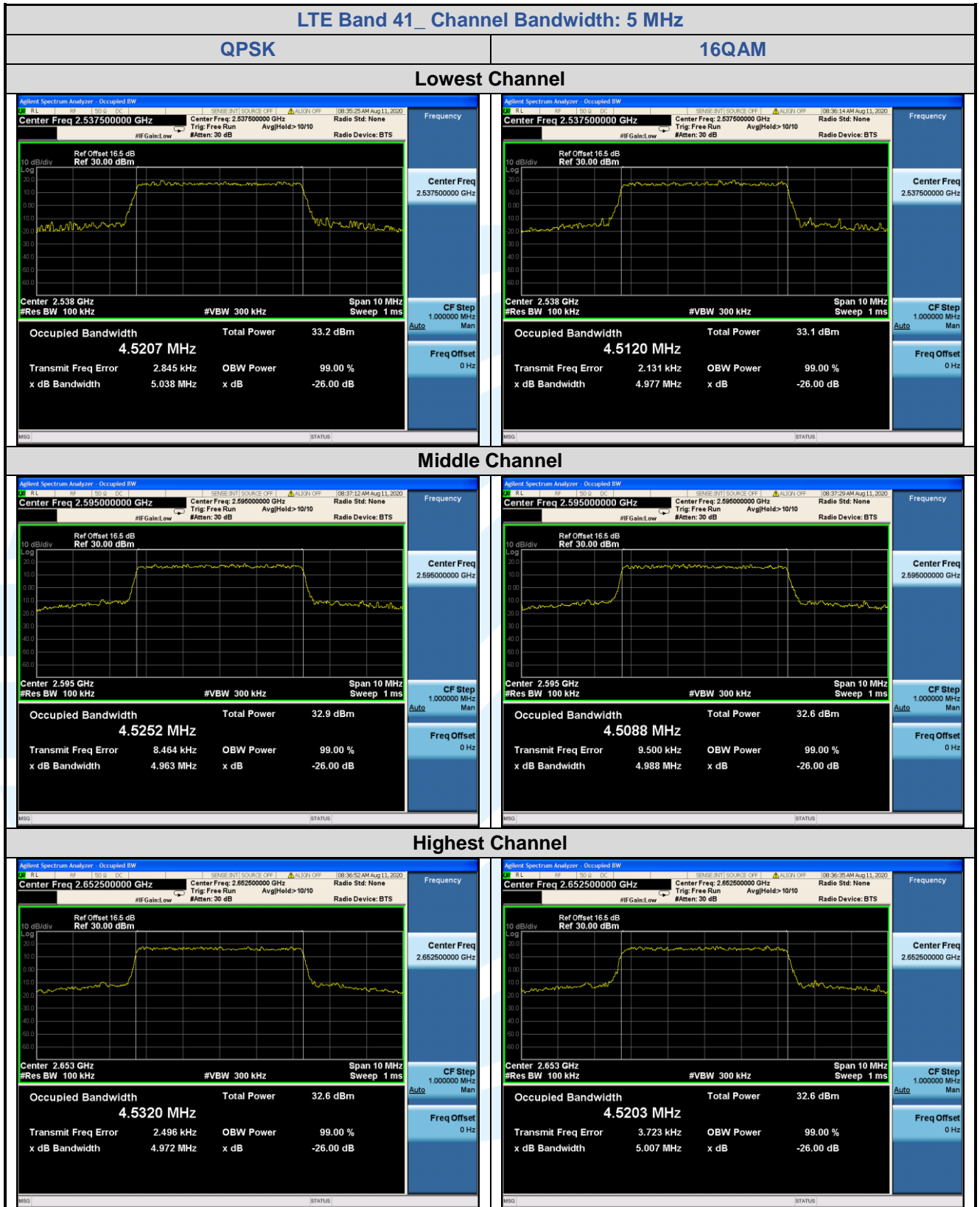
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5.5.10 LTE Band 41

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	5.038	4.977	/	4.5207	4.5120	/
Middle	25	0	4.963	4.988	/	4.5252	4.5088	/
Highest	25	0	4.972	5.007	/	4.5320	4.5203	/
Channel Bandwidth: 10 MHz								
Lowest	50	0	9.925	9.725	/	8.9642	8.9634	/
Middle	50	0	10.77	9.753	/	8.9914	9.0131	/
Highest	50	0	9.742	9.755	/	8.9981	8.9887	/
Channel Bandwidth: 15 MHz								
Lowest	75	0	14.75	15.13	/	13.412	13.446	/
Middle	75	0	15.07	14.70	/	13.495	13.482	/
Highest	75	0	14.98	14.81	/	13.438	13.473	/
Channel Bandwidth: 20 MHz								
Lowest	100	0	20.47	22.05	/	17.910	17.949	/
Middle	100	0	19.42	19.37	/	17.959	17.961	/
Highest	100	0	20.07	19.42	/	17.912	17.898	/



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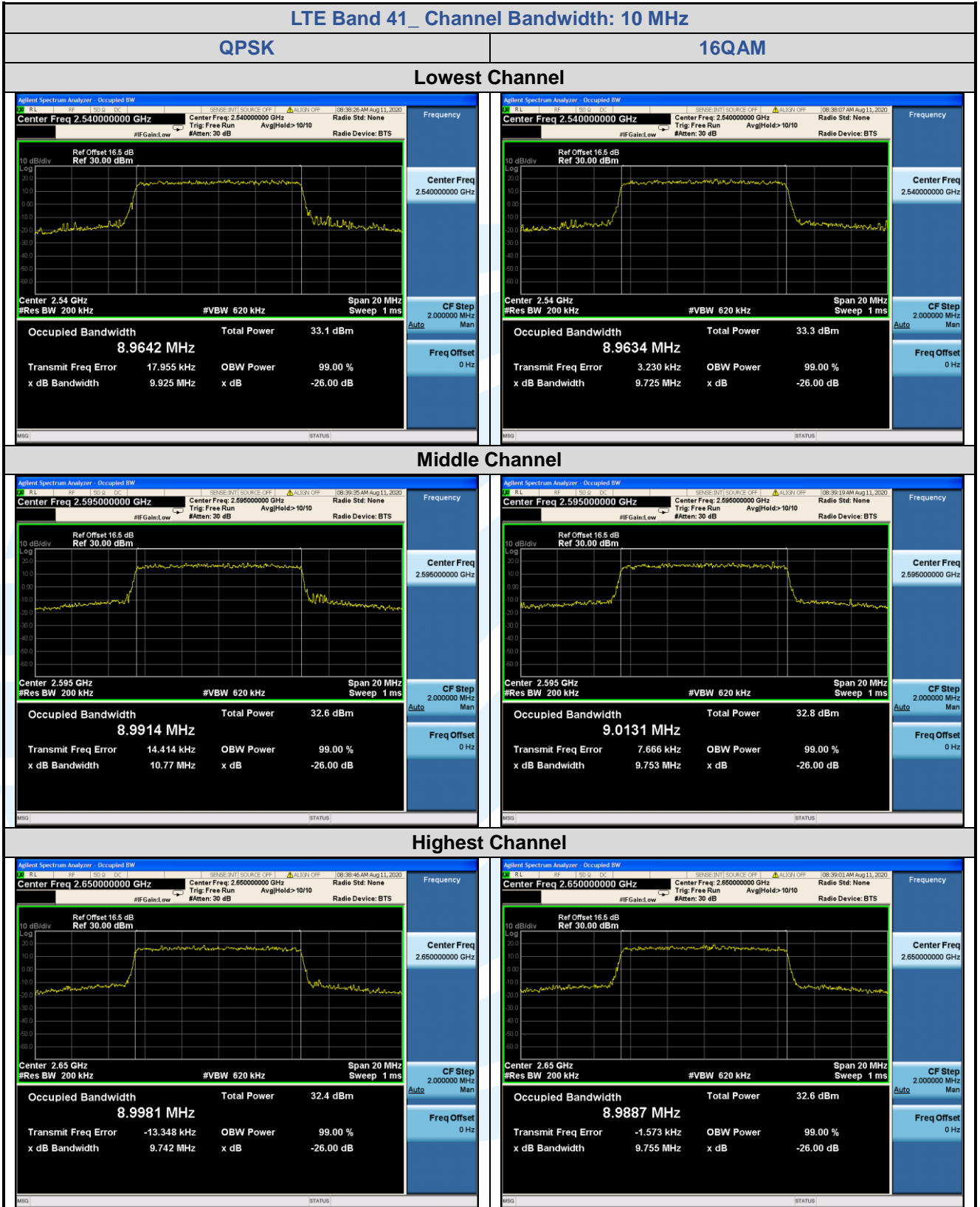
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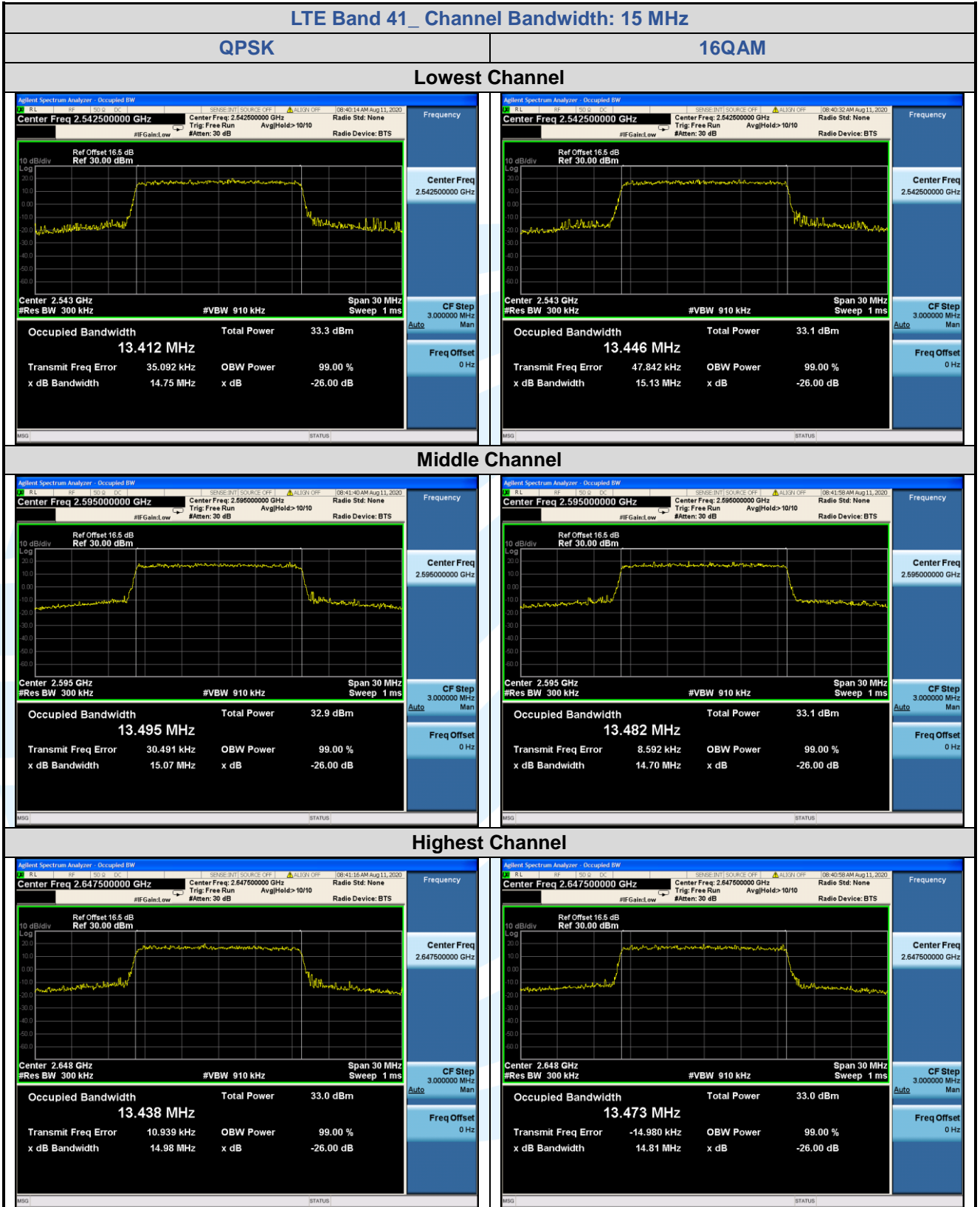
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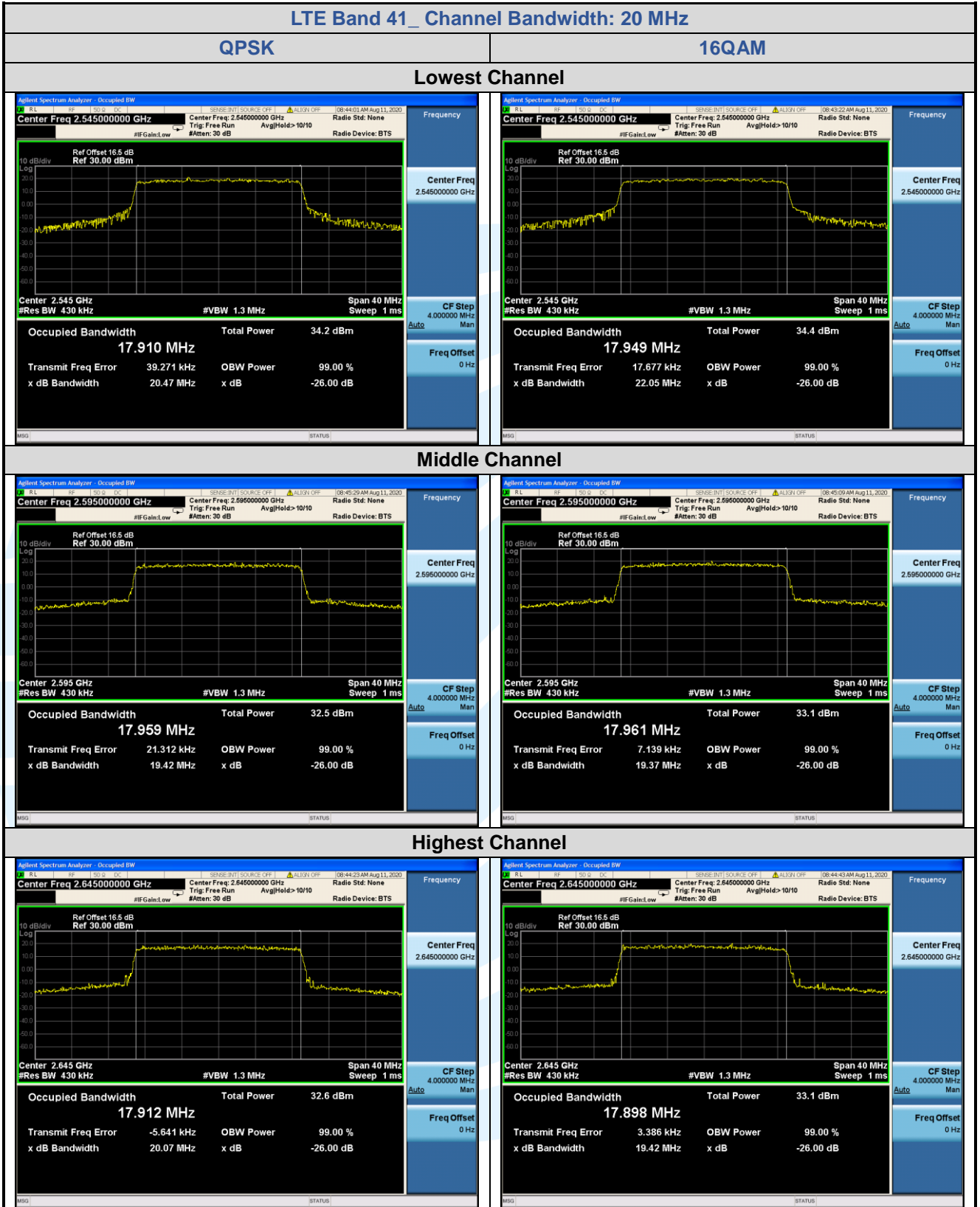
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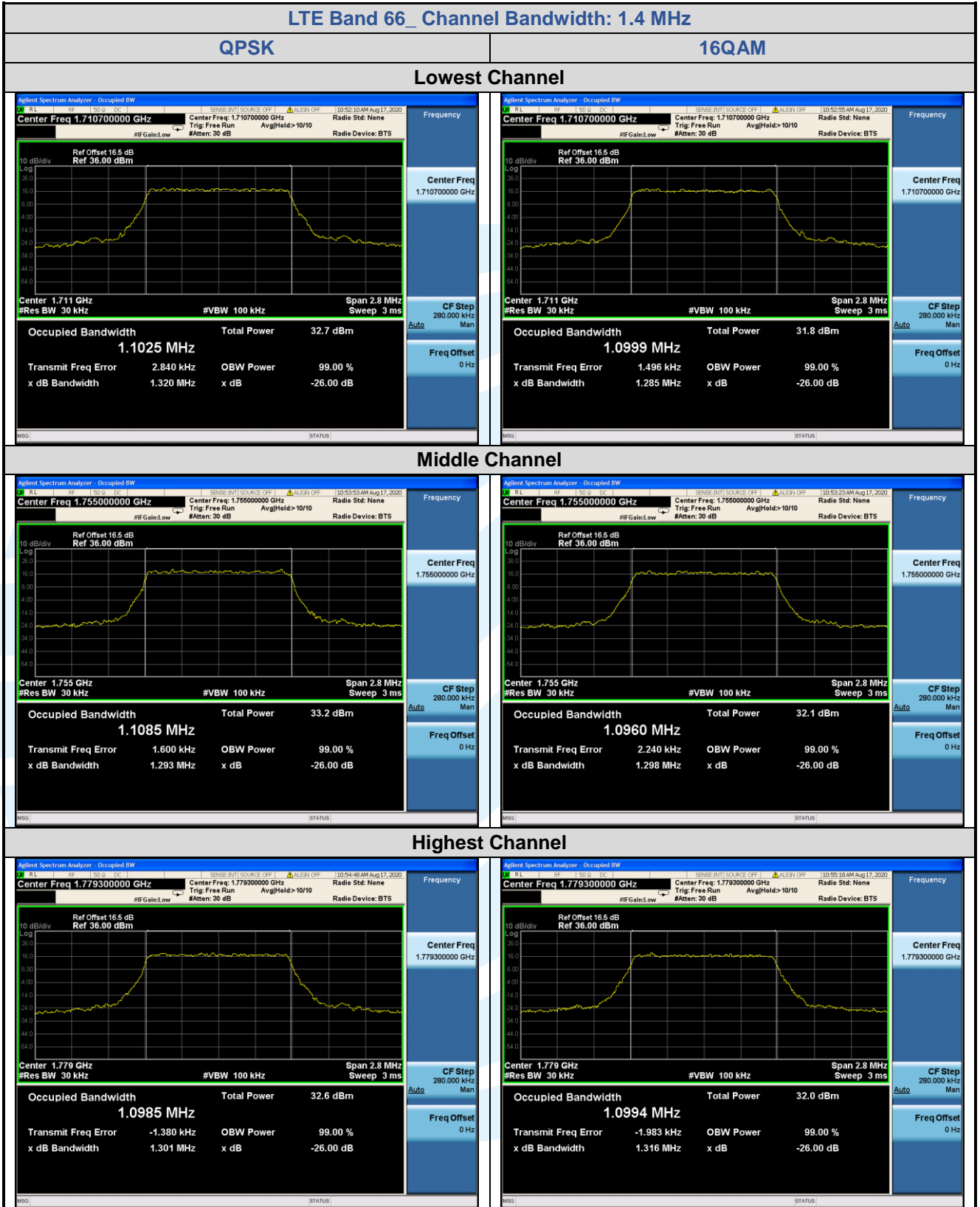
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5.5.11 LTE Band 66

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	1.320	1.285	/	1.1025	1.0999	/
Middle	6	0	1.293	1.298	/	1.1085	1.0960	/
Highest	6	0	1.301	1.316	/	1.0985	1.0994	/
Channel Bandwidth: 3 MHz								
Lowest	15	0	3.000	3.001	/	2.7120	2.7215	/
Middle	15	0	3.006	3.014	/	2.7147	2.7087	/
Highest	15	0	2.995	3.004	/	2.7177	2.7064	/
Channel Bandwidth: 5 MHz								
Lowest	25	0	5.016	5.051	/	4.5158	4.5376	/
Middle	25	0	5.018	5.030	/	4.5125	4.5304	/
Highest	25	0	5.038	5.010	/	4.5291	4.5018	/
Channel Bandwidth: 10 MHz								
Lowest	50	0	9.944	9.921	/	8.9893	8.9756	/
Middle	50	0	9.911	9.859	/	8.9849	8.9816	/
Highest	50	0	9.905	9.878	/	8.9607	8.9706	/
Channel Bandwidth: 15 MHz								
Lowest	75	0	14.73	14.50	/	13.451	13.475	/
Middle	75	0	14.87	14.69	/	13.462	13.416	/
Highest	75	0	14.60	14.68	/	13.410	13.455	/
Channel Bandwidth: 20 MHz								
Lowest	100	0	19.42	19.51	/	17.913	17.889	/
Middle	100	0	19.73	19.50	/	17.943	17.904	/
Highest	100	0	19.42	19.55	/	17.889	17.879	/



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