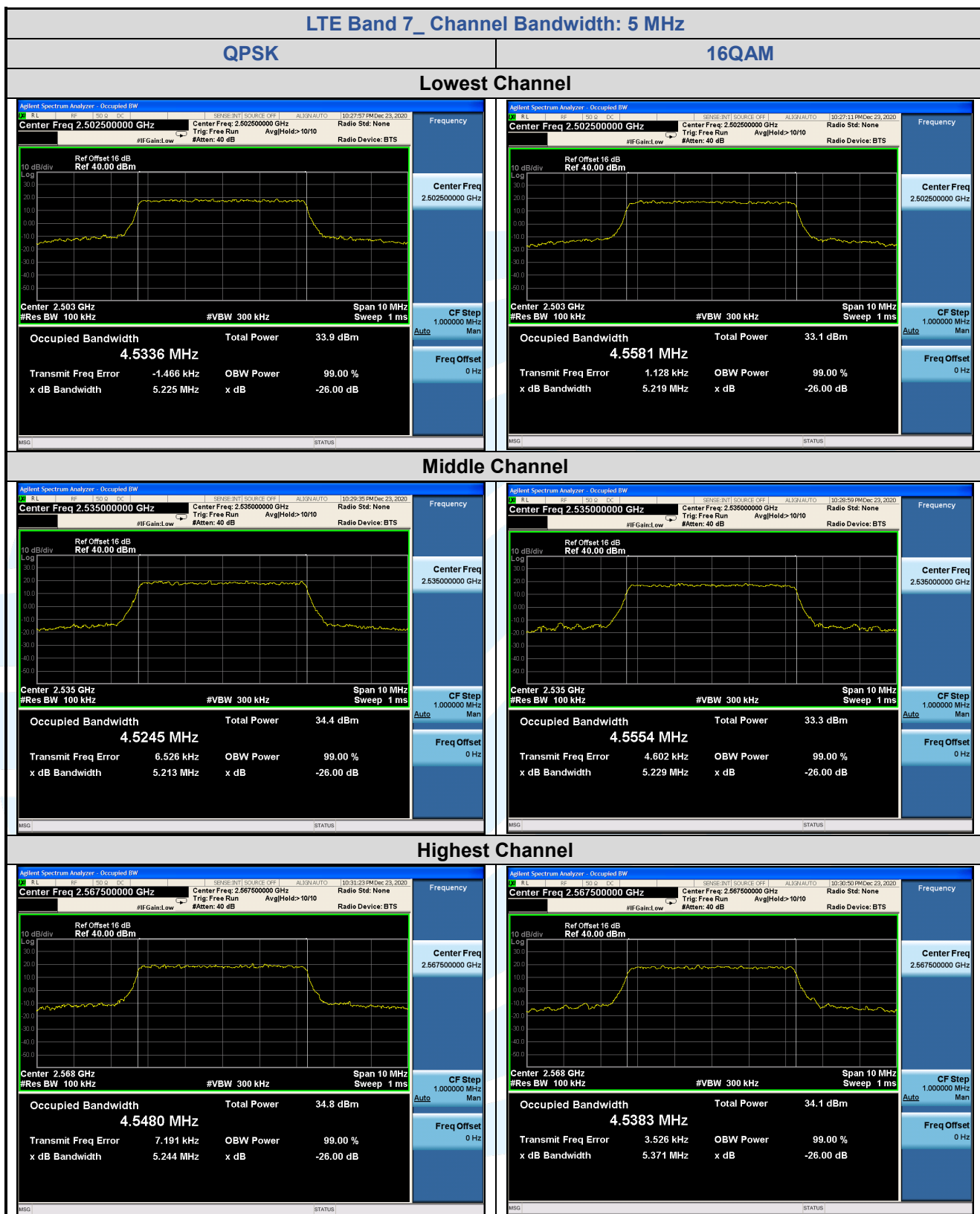


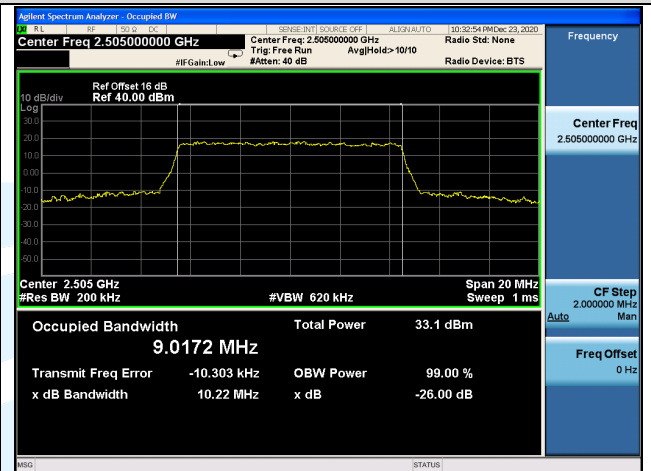
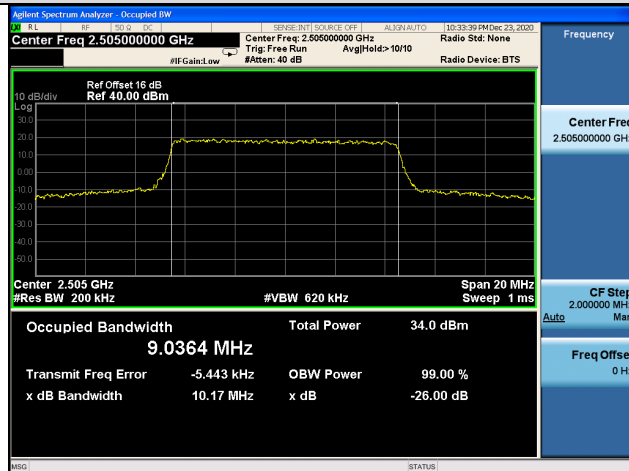


LTE Band 7_Channel Bandwidth: 10 MHz

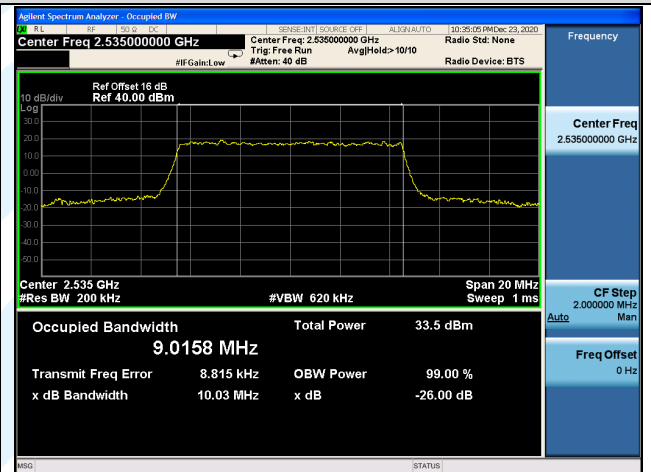
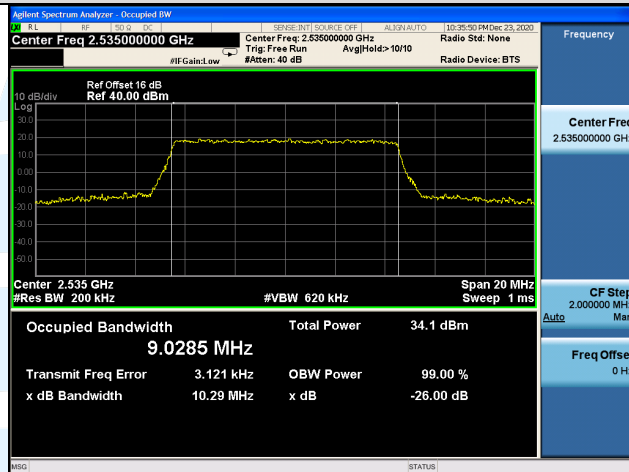
QPSK

16QAM

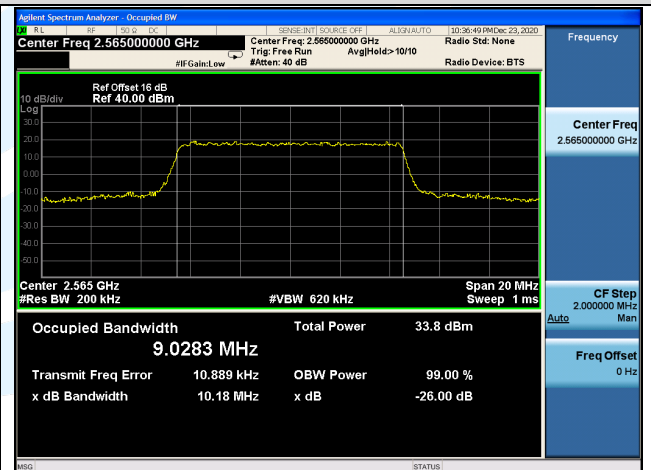
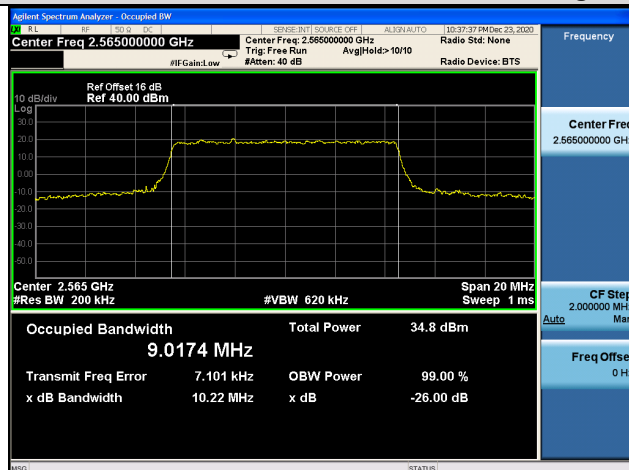
Lowest Channel



Middle Channel



Highest Channel



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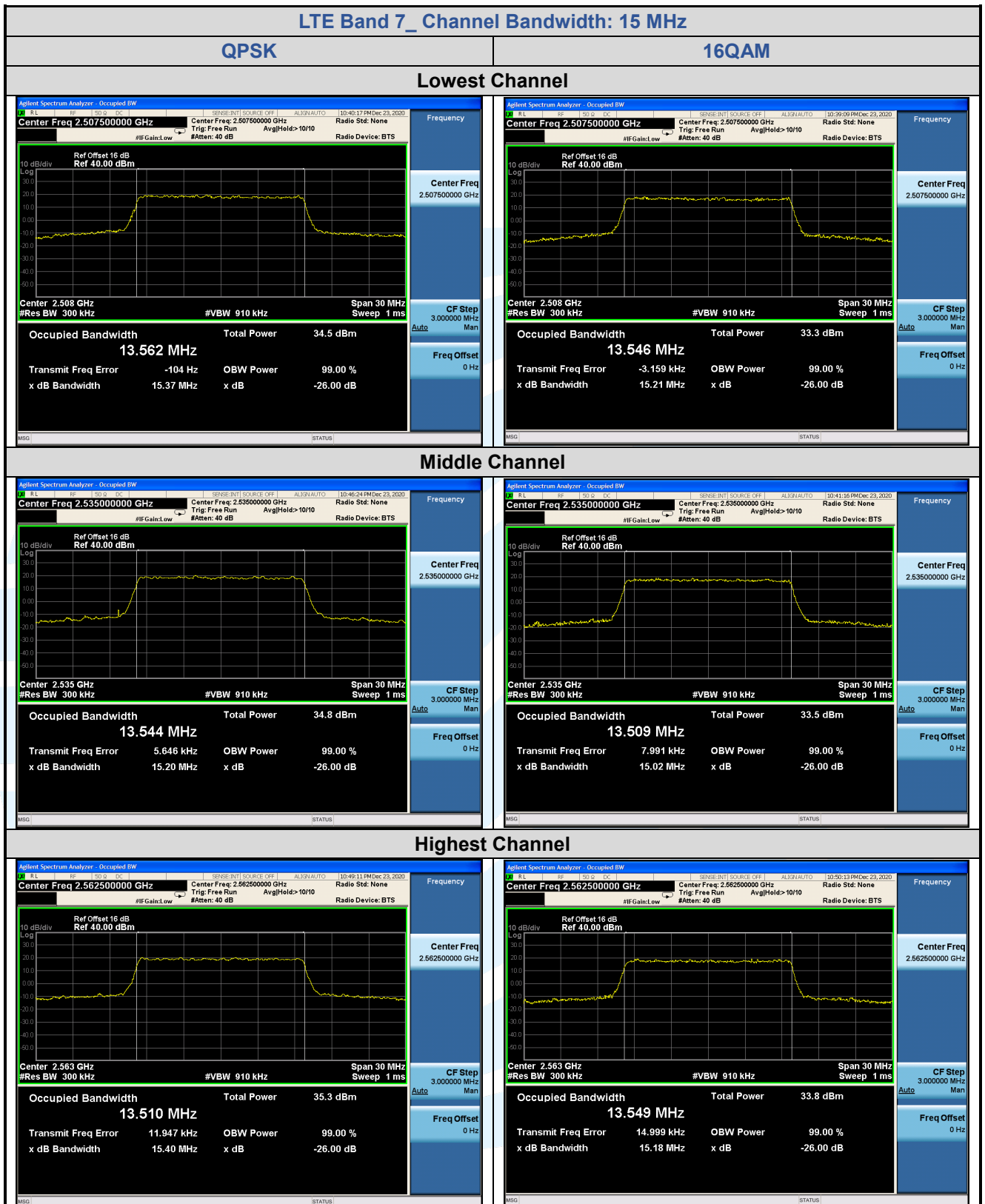
Tel: +86-755-28230888

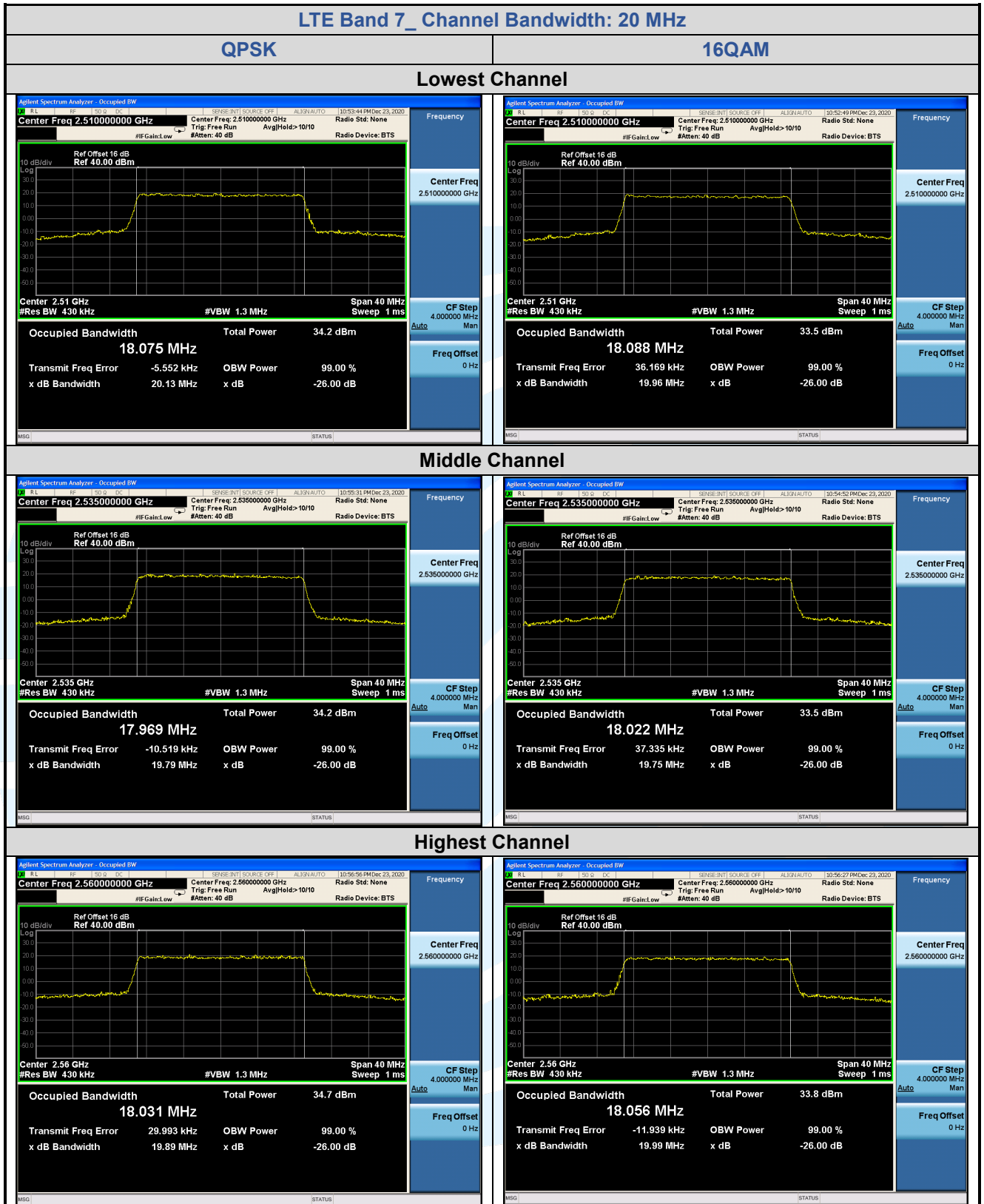
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5.5.5 LTE Band 12

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	1.294	1.307	/	1.0968	1.1019	/
Middle	6	0	1.307	1.276	/	1.0990	1.0957	/
Highest	6	0	1.300	1.284	/	1.1065	1.0963	/
Channel Bandwidth: 3 MHz								
Lowest	15	0	2.935	2.937	/	2.7022	2.6931	/
Middle	15	0	2.934	2.933	/	2.6958	2.6948	/
Highest	15	0	2.926	2.927	/	2.6975	2.6950	/
Channel Bandwidth: 5 MHz								
Lowest	25	0	5.179	5.219	/	4.5199	4.5557	/
Middle	25	0	5.194	5.190	/	4.5410	4.5260	/
Highest	25	0	5.188	5.179	/	4.5250	4.5468	/
Channel Bandwidth: 10 MHz								
Lowest	50	0	10.12	10.10	/	8.9977	8.9882	/
Middle	50	0	10.24	10.04	/	9.0351	9.0190	/
Highest	50	0	10.15	10.20	/	9.0221	9.0504	/

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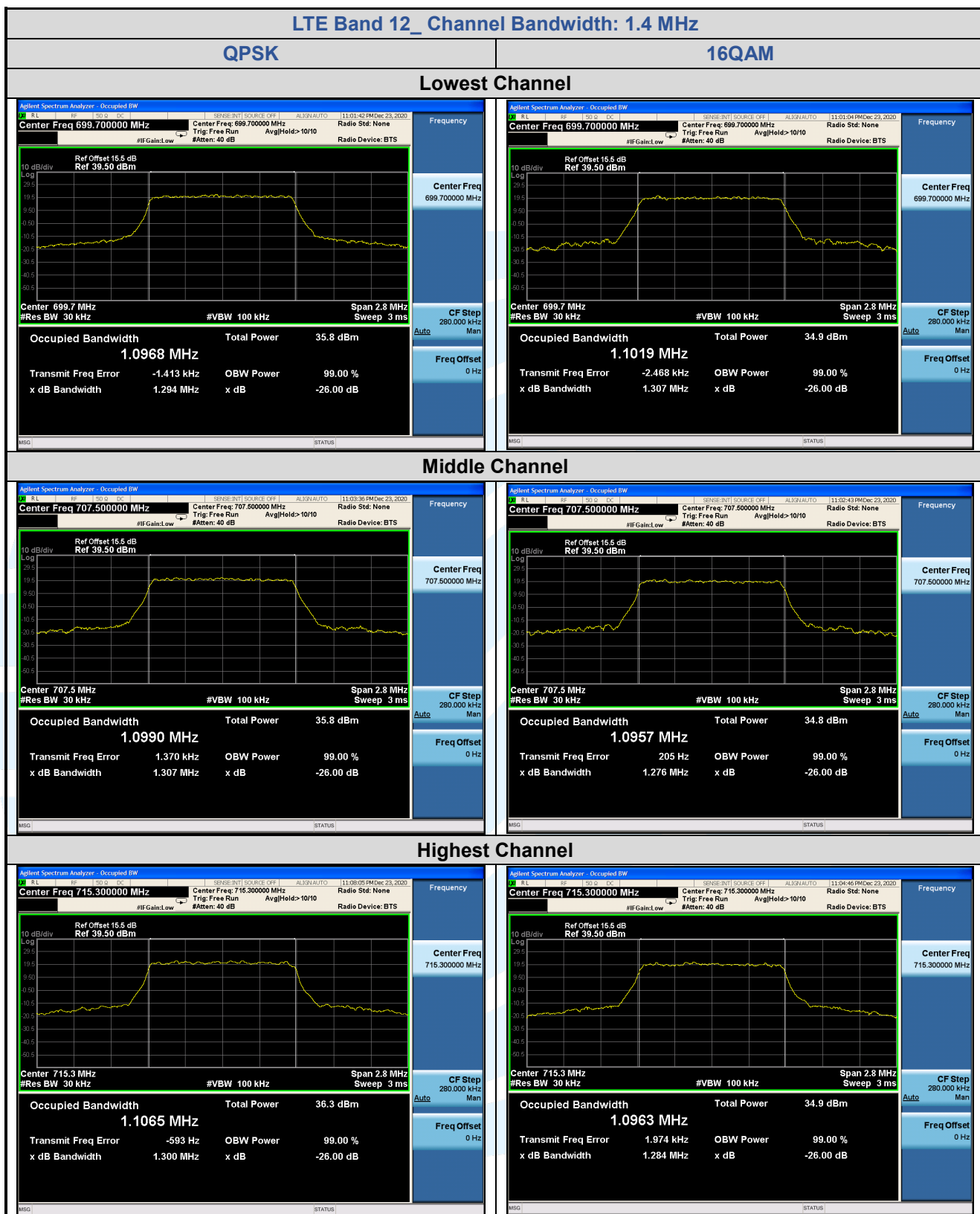
Address: Unit D/E of 9/F and 16/F, Block A, Building 6, Baoneng science and technology park, Longhua district, Shenzhen, China

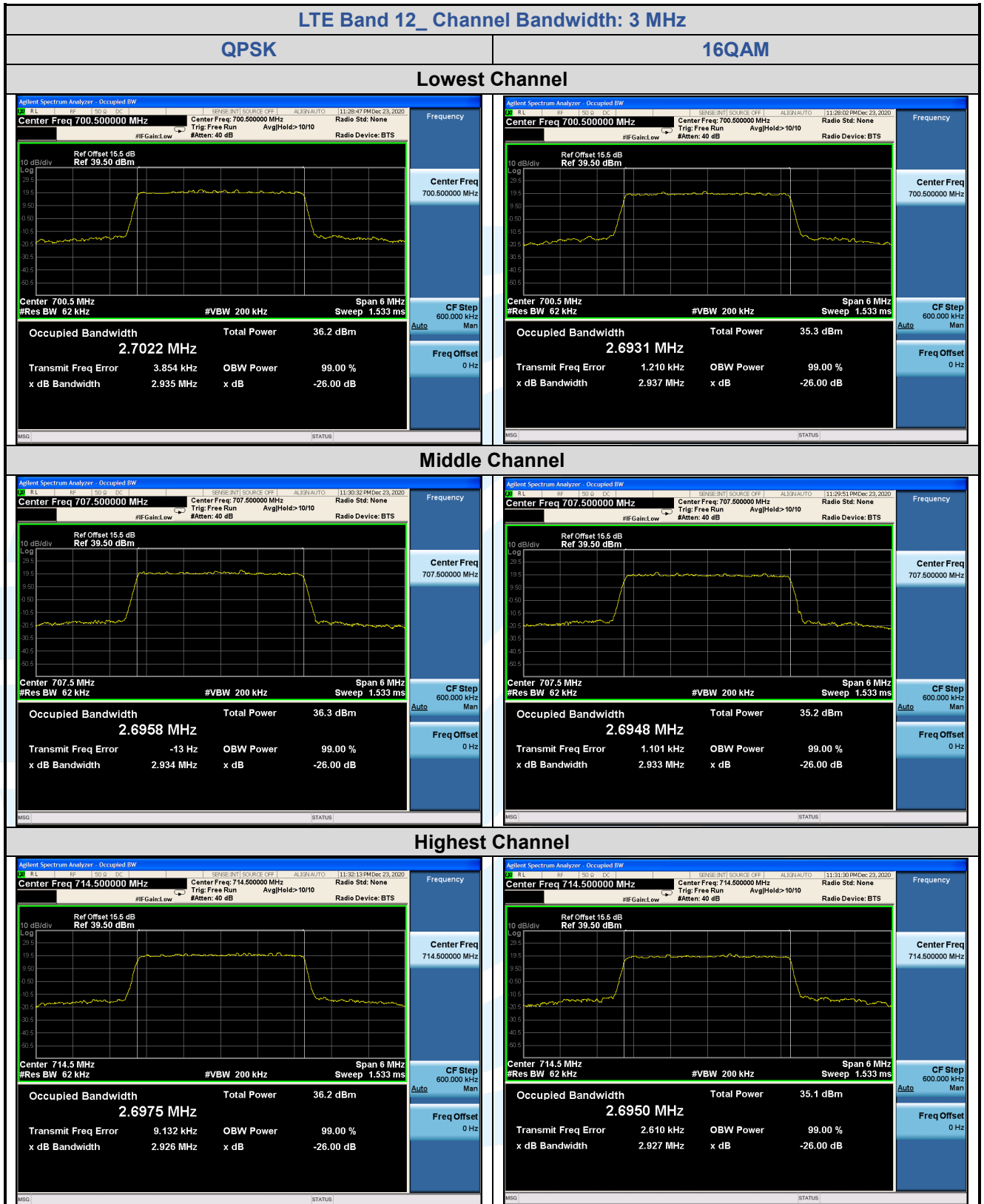
Tel: +86-755-28230888

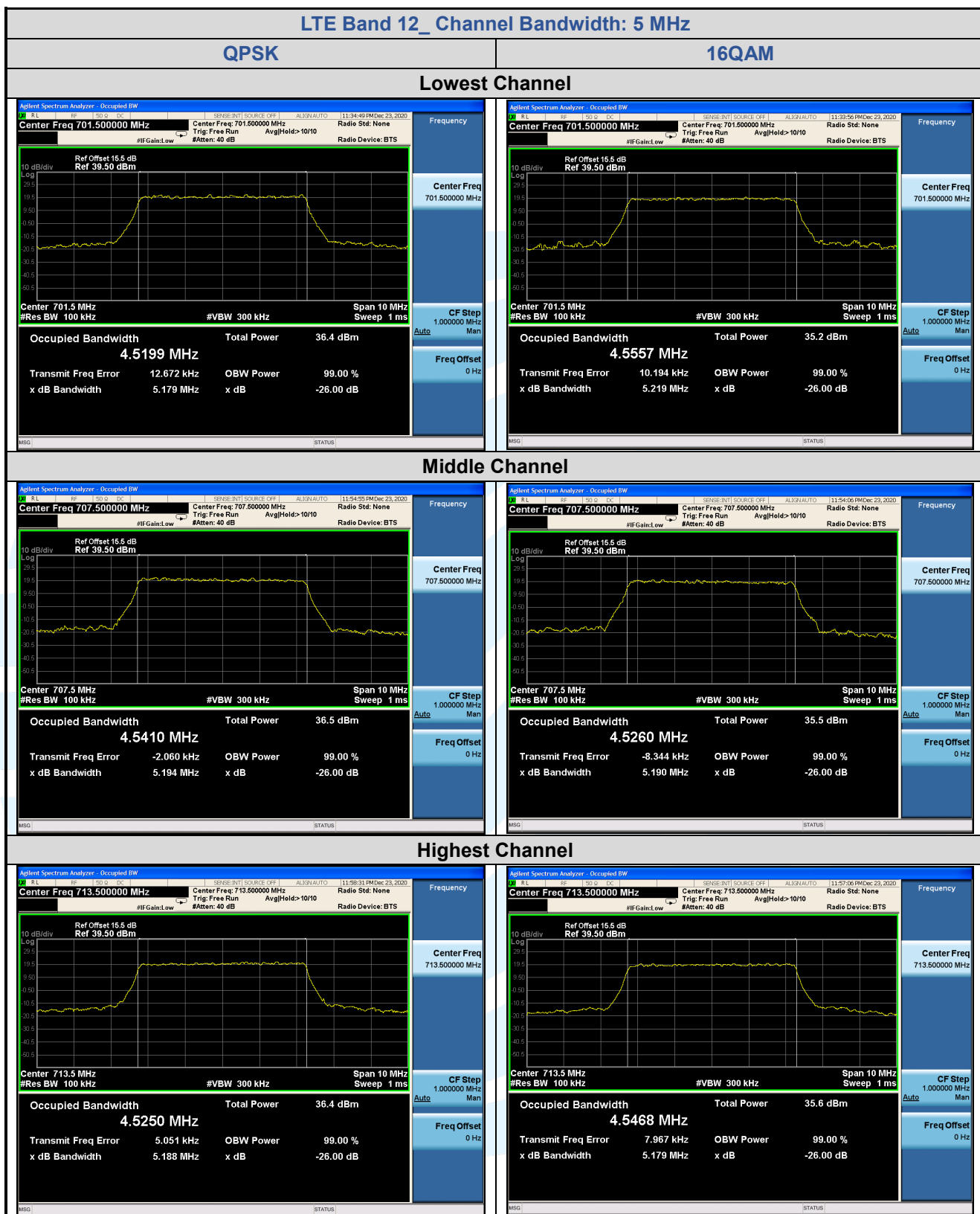
Fax: +86-755-28230886

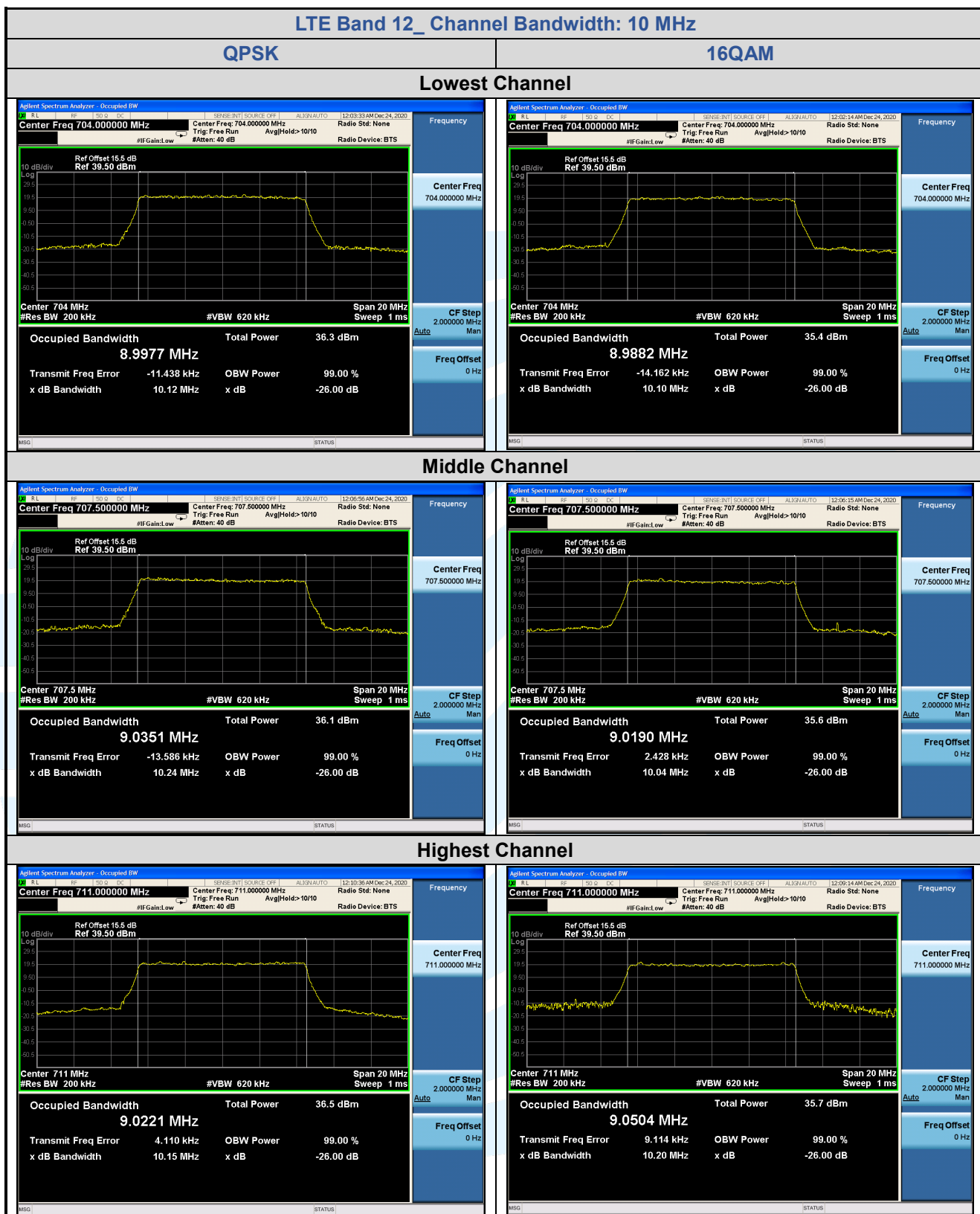
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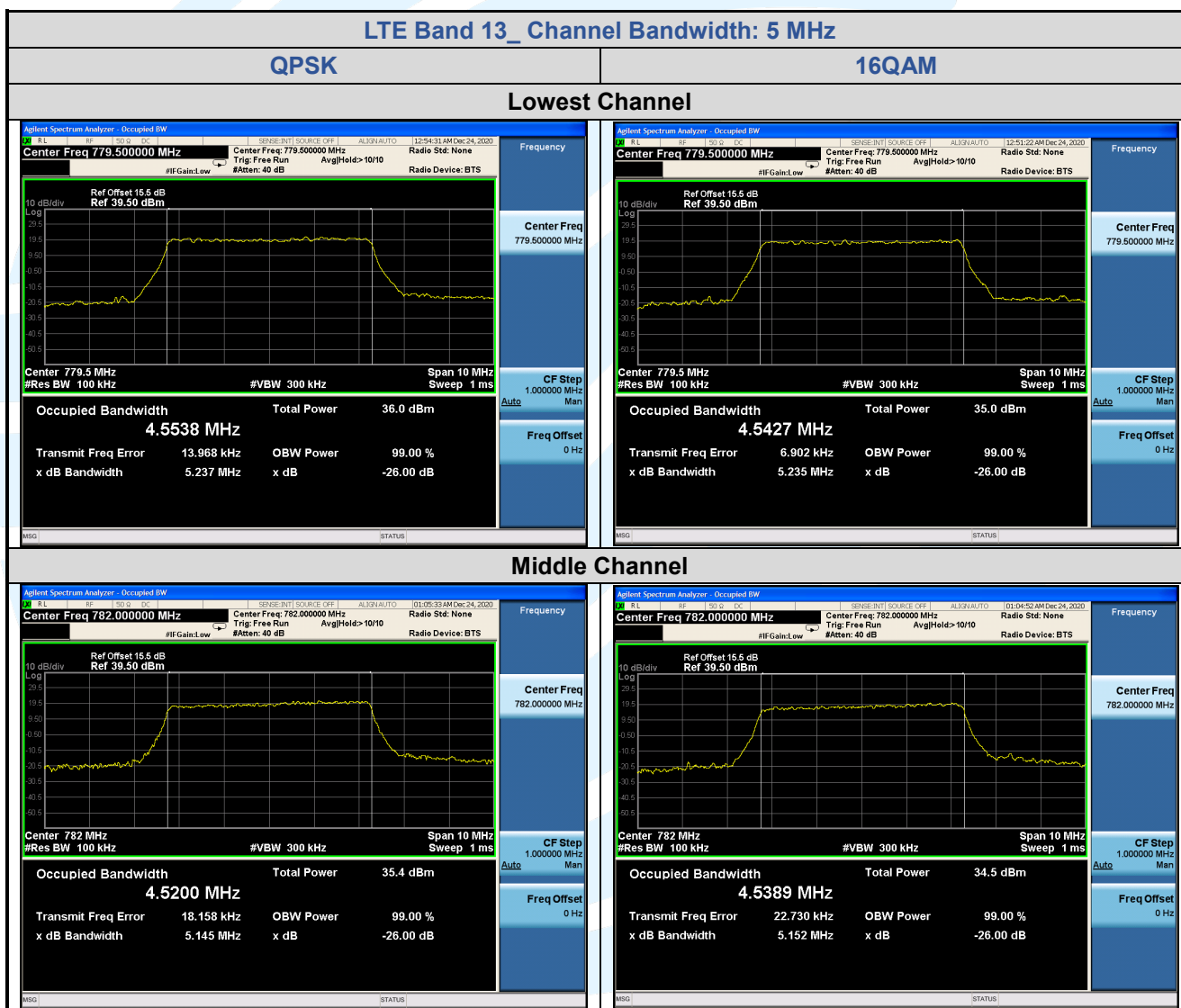


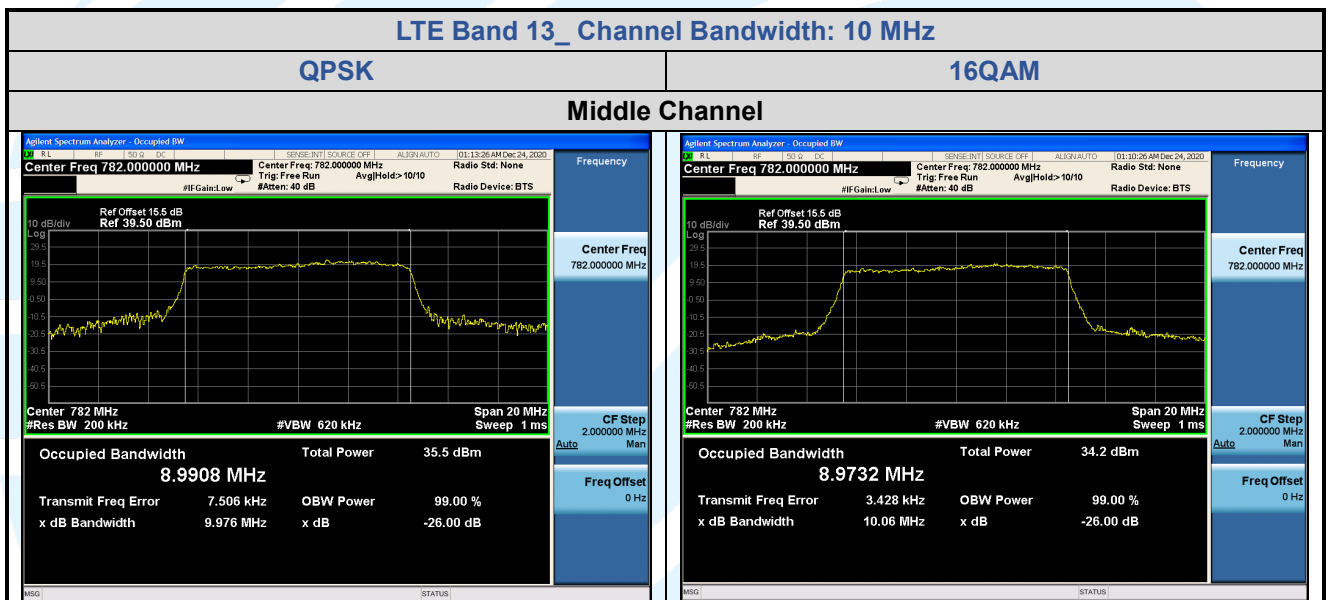
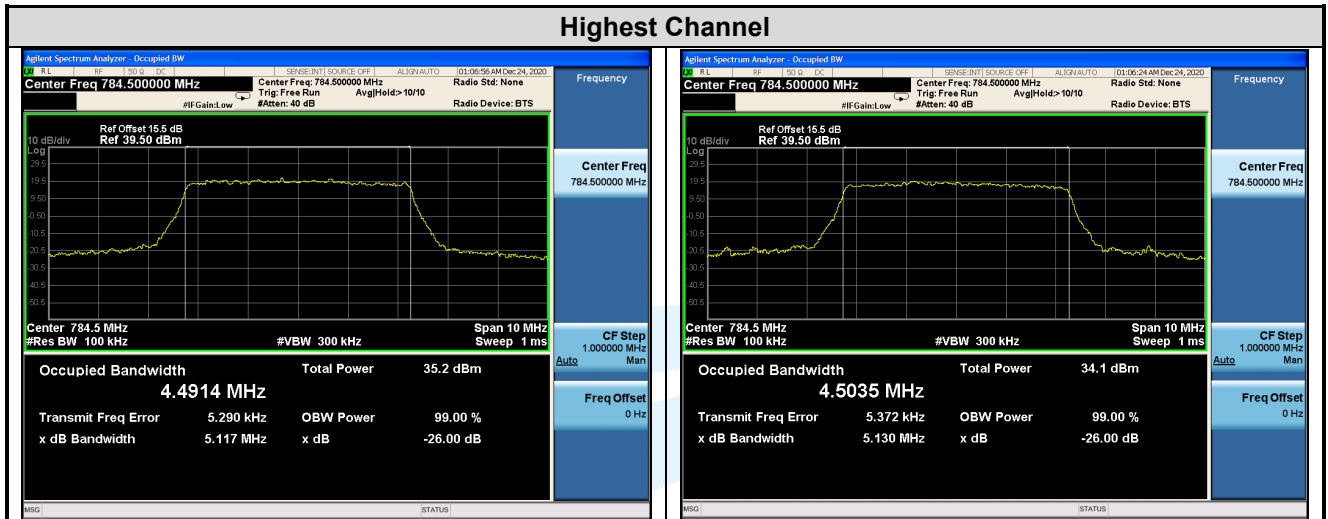




5.5.6 LTE Band 13

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	5.237	5.235	/	4.5538	4.5427	/
Middle	25	0	5.145	5.152	/	4.5200	4.5389	/
Highest	25	0	5.117	5.130	/	4.4914	4.5035	/
Channel Bandwidth: 10 MHz								
Middle	50	0	9.976	10.06	/	8.9908	8.9732	/





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	5.198	5.178	/	4.5403	4.5299	/
Middle	25	0	5.210	5.198	/	4.5298	4.5556	/
Highest	25	0	5.194	5.248	/	4.5203	4.5530	/
Channel Bandwidth: 10 MHz								
Lowest	50	0	10.18	10.20	/	9.0398	9.0397	/
Middle	50	0	10.41	10.08	/	9.0668	9.0435	/
Highest	50	0	10.34	10.18	/	9.0258	9.0425	/

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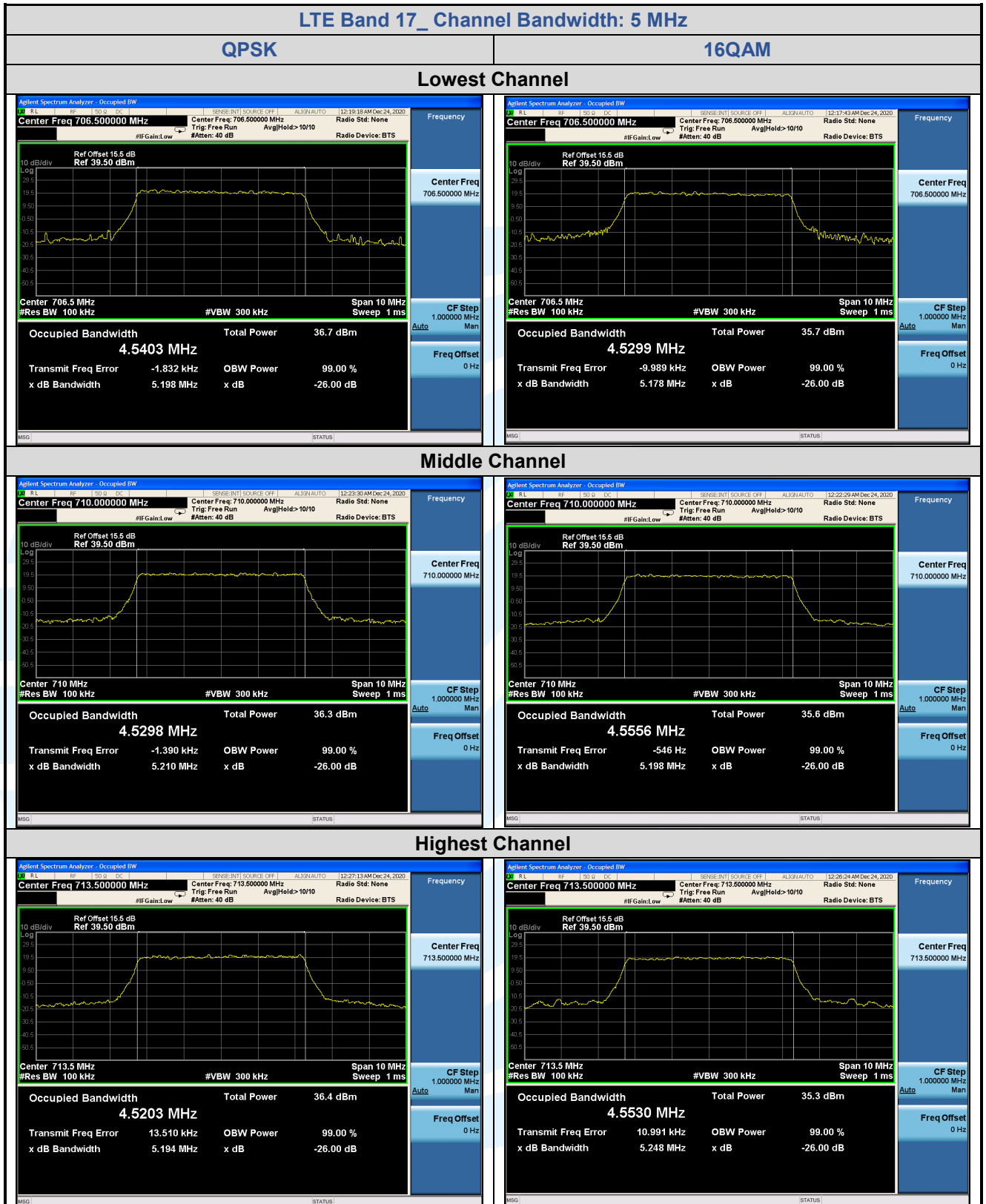
Address: Unit D/E of 9/F and 16/F, Block A, Building 6, Baoneng science and technology park, Longhua district, Shenzhen, China

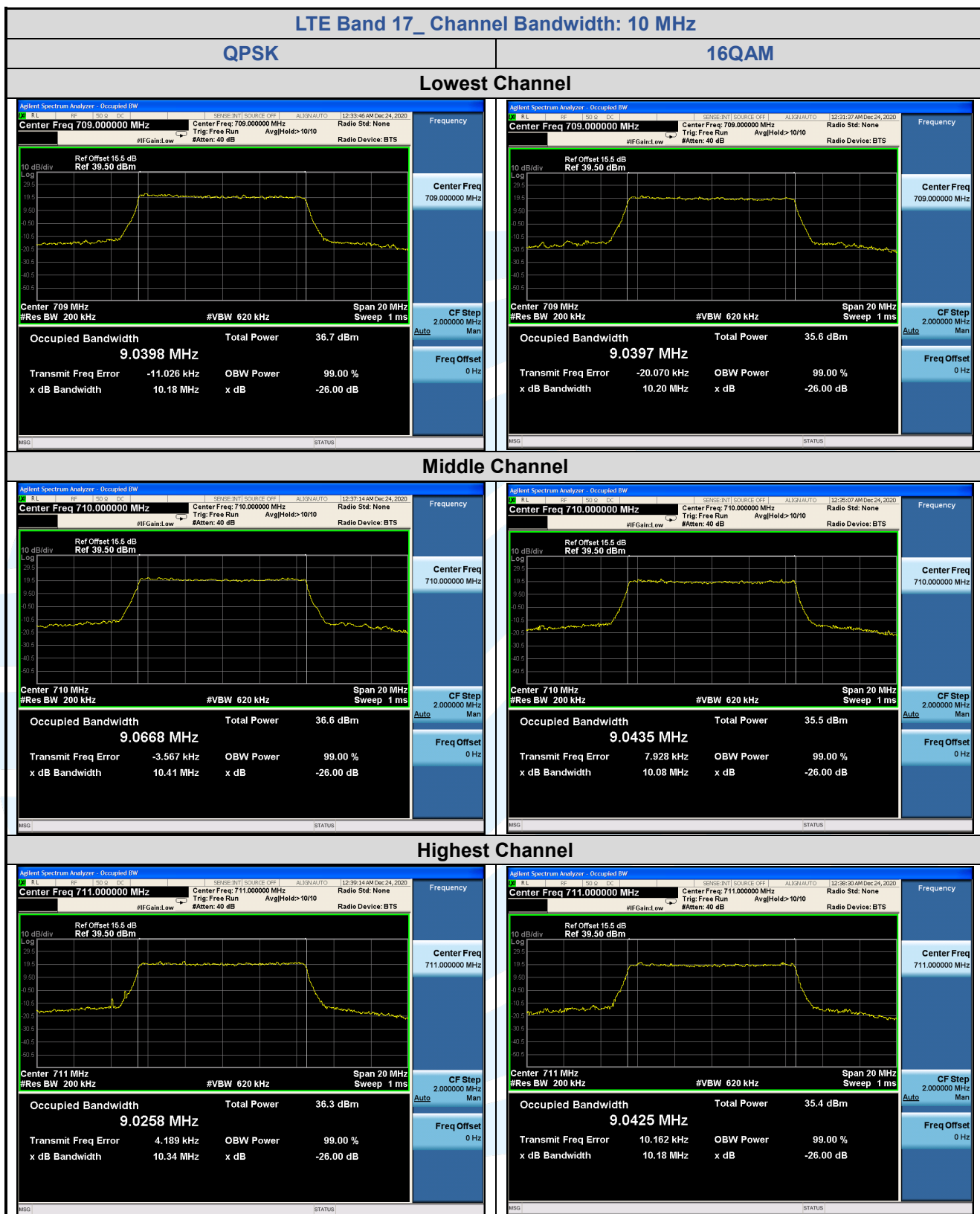
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5.5.8 LTE Band 38

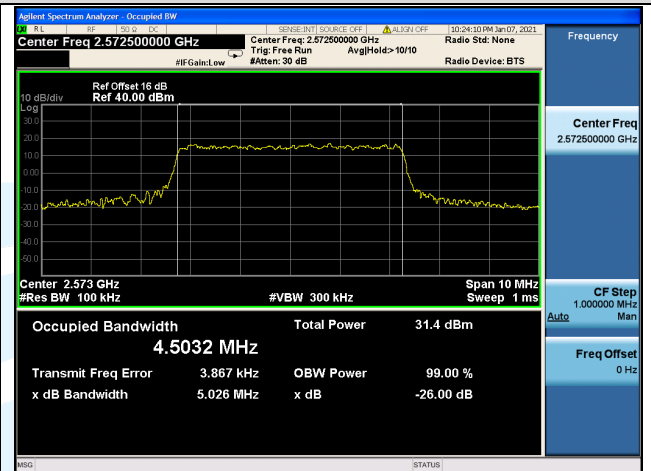
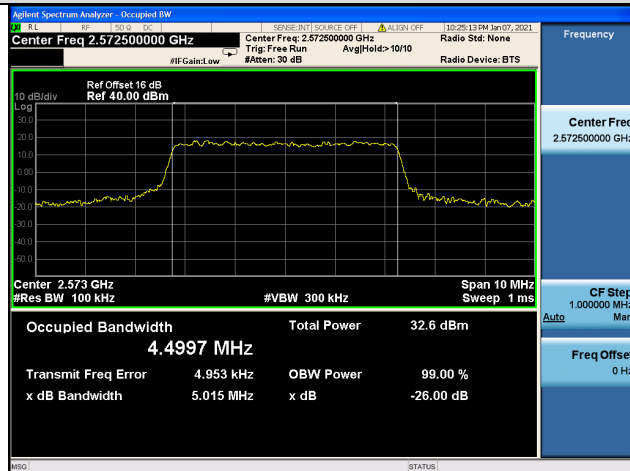
LTE Band 38								
Channel	RB Configuration		26 dB BW (MHz)			99% BW (MHz)		
	Size	Offset	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Channel Bandwidth: 5 MHz								
Lowest	25	0	5.015	5.026	/	4.4997	4.5032	/
Middle	25	0	5.086	5.130	/	4.5227	4.5011	/
Highest	25	0	5.040	4.935	/	4.5050	4.5061	/
Channel Bandwidth: 10 MHz								
Lowest	50	0	11.23	11.15	/	9.0315	9.0160	/
Middle	50	0	10.47	10.16	/	8.9966	9.0046	/
Highest	50	0	10.68	10.09	/	9.0044	8.9773	/
Channel Bandwidth: 15 MHz								
Lowest	75	0	15.57	16.54	/	13.477	13.544	/
Middle	75	0	15.51	16.02	/	13.512	13.509	/
Highest	75	0	15.46	15.57	/	13.469	13.535	/
Channel Bandwidth: 20 MHz								
Lowest	100	0	20.30	19.75	/	17.999	17.973	/
Middle	100	0	20.12	20.00	/	18.015	17.959	/
Highest	100	0	20.60	22.06	/	17.962	17.992	/

LTE Band 38_ Channel Bandwidth: 5 MHz

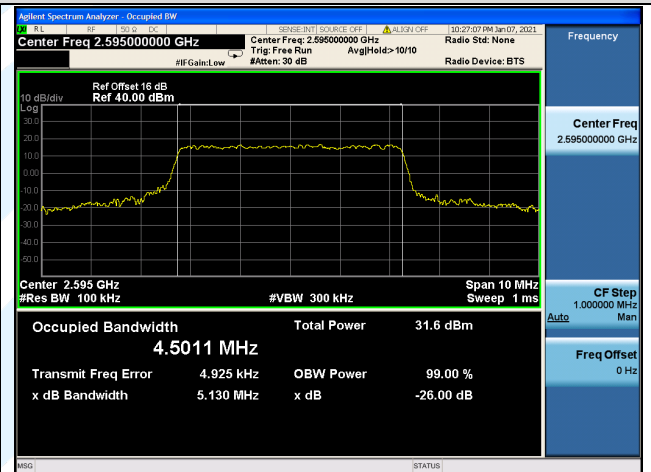
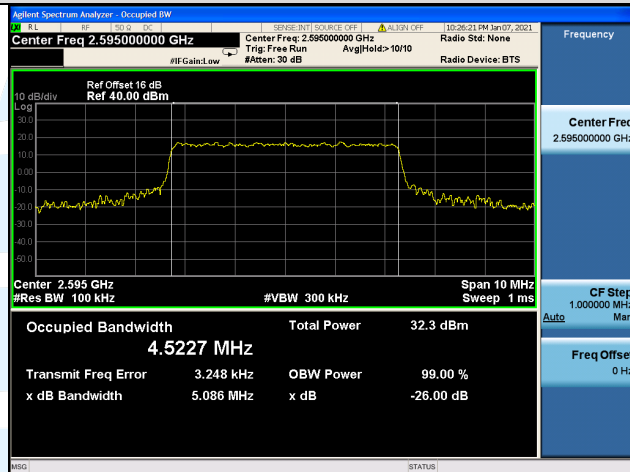
QPSK

16QAM

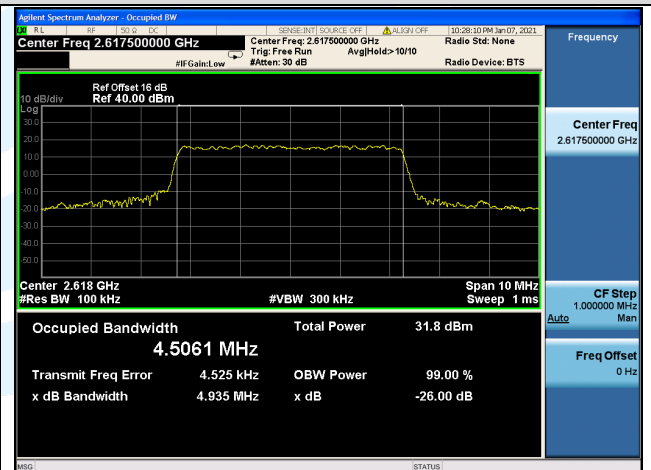
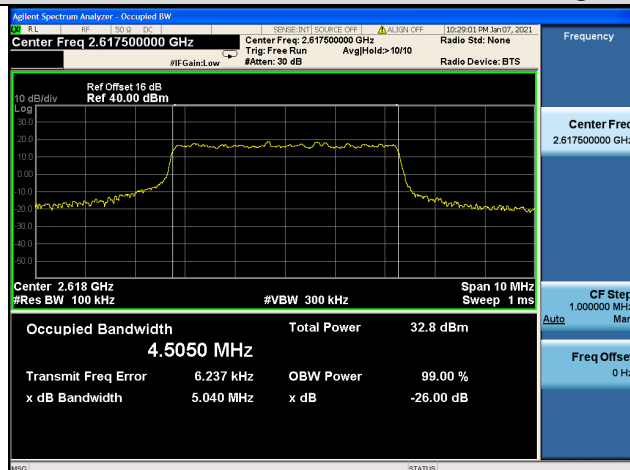
Lowest Channel

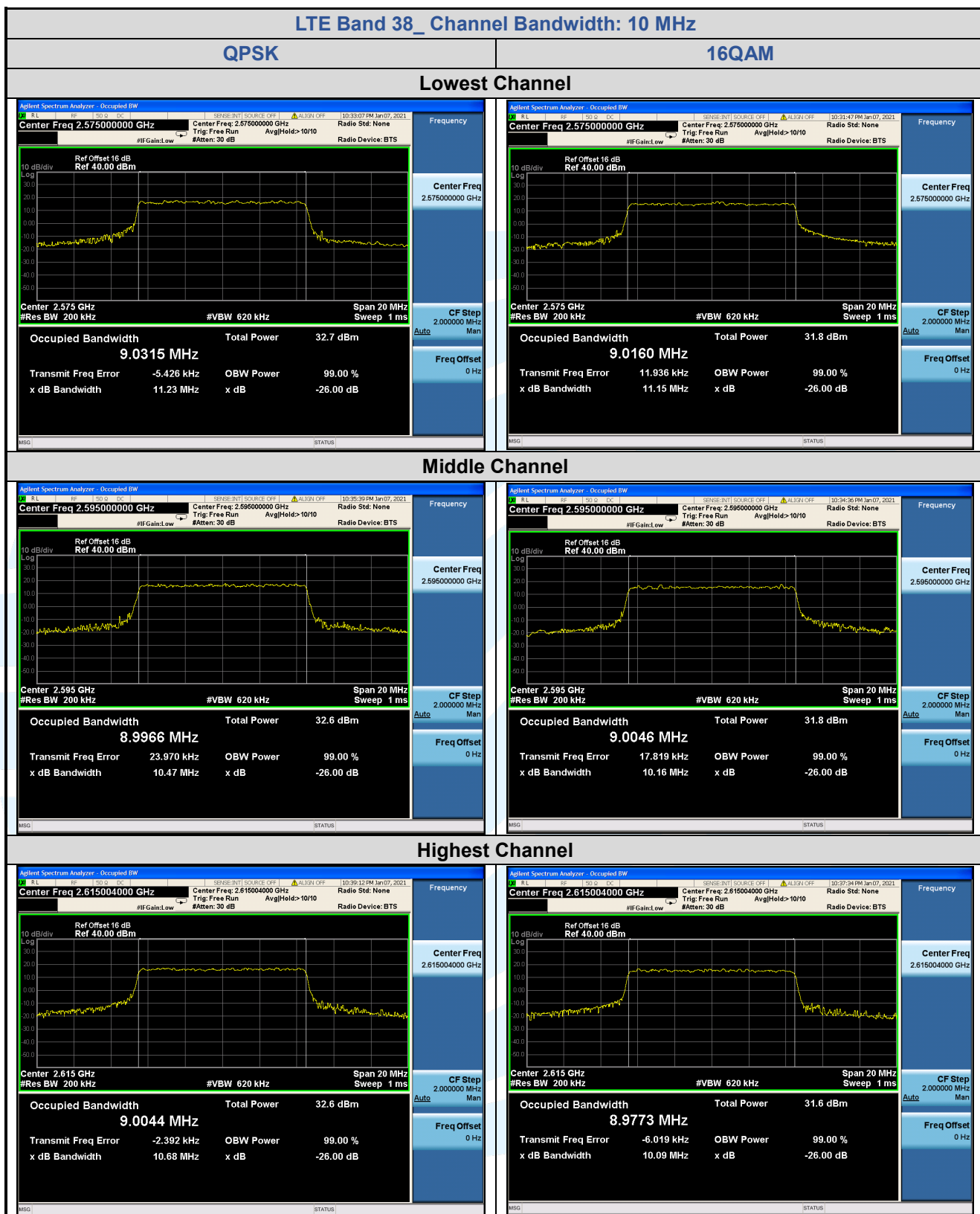


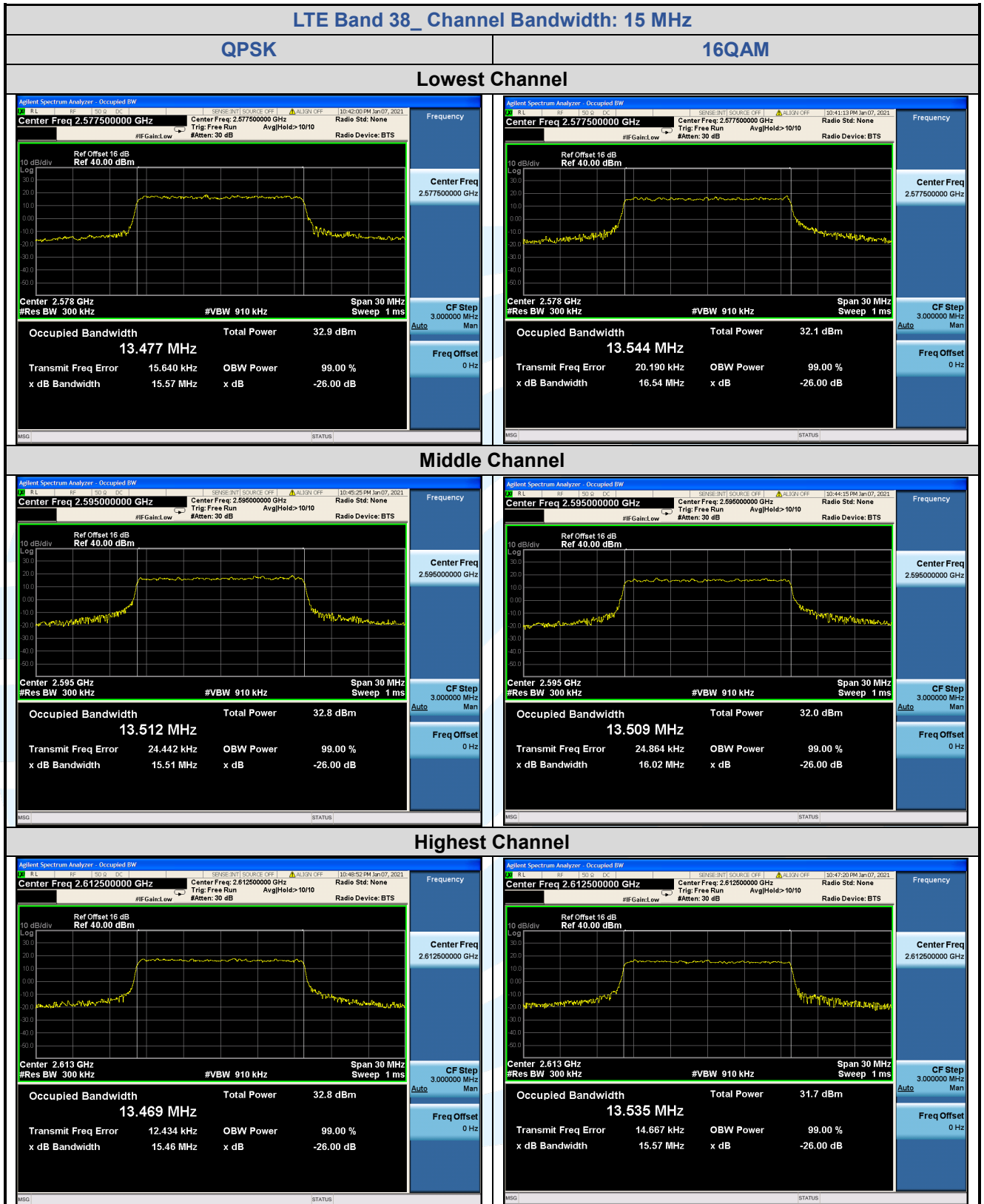
Middle Channel

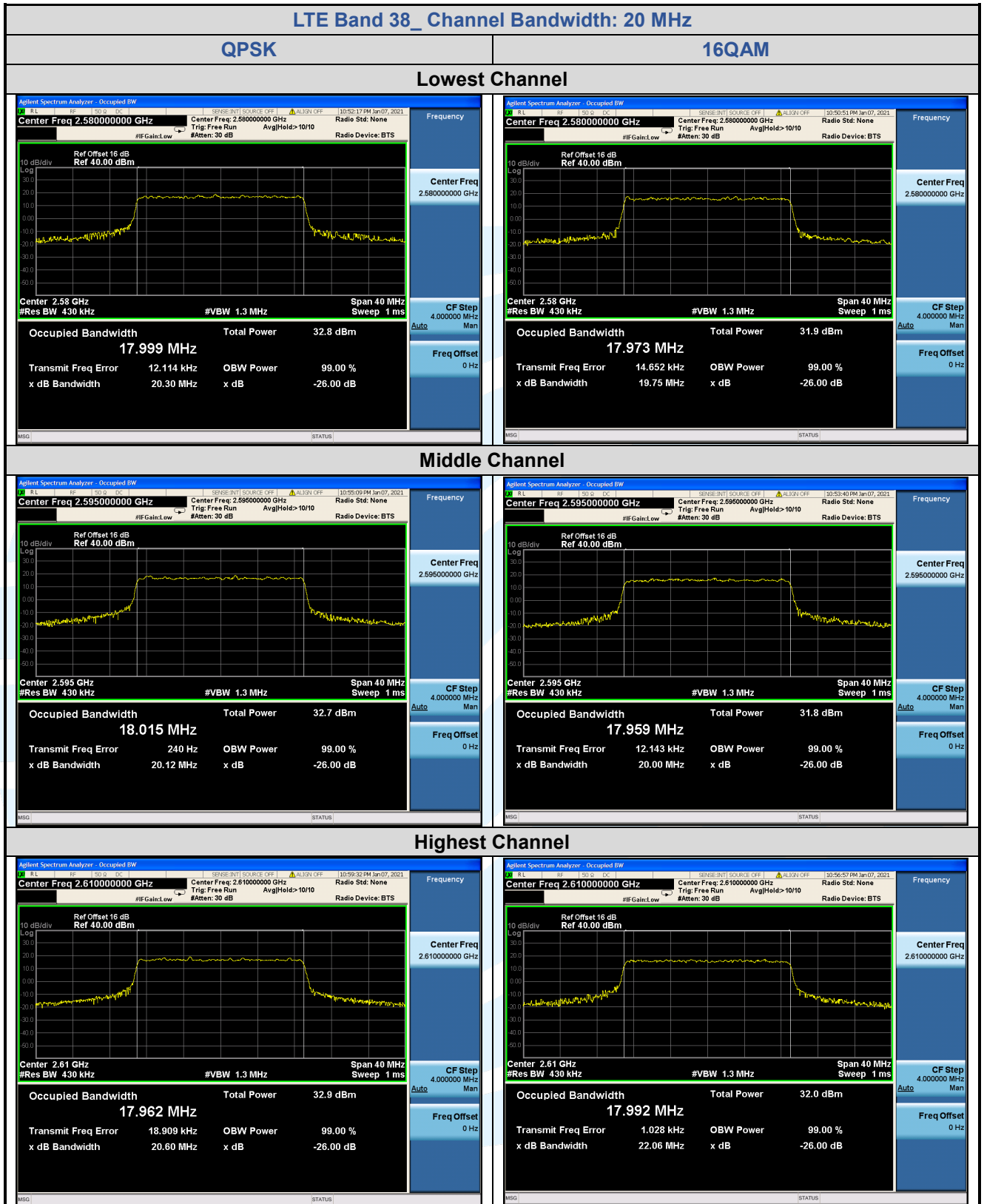


Highest Channel









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5.5.9 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	5.067	5.123	/	4.5150	4.5043	/
Middle	25	0	5.251	4.918	/	4.5014	4.4928	/
Highest	25	0	4.984	4.945	/	4.4908	4.4918	/
Channel Bandwidth: 10 MHz								
Lowest	50	0	9.863	10.75	/	8.9862	9.0027	/
Middle	50	0	9.975	9.861	/	8.9675	8.9582	/
Highest	50	0	10.04	10.60	/	9.0022	8.9697	/
Channel Bandwidth: 15 MHz								
Lowest	75	0	14.95	15.08	/	13.489	13.532	/
Middle	75	0	15.15	15.55	/	13.451	13.459	/
Highest	75	0	15.08	15.40	/	13.464	13.506	/
Channel Bandwidth: 20 MHz								
Lowest	100	0	19.26	21.13	/	17.982	18.006	/
Middle	100	0	19.60	19.42	/	17.962	17.953	/
Highest	100	0	20.12	19.13	/	17.970	17.952	/

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