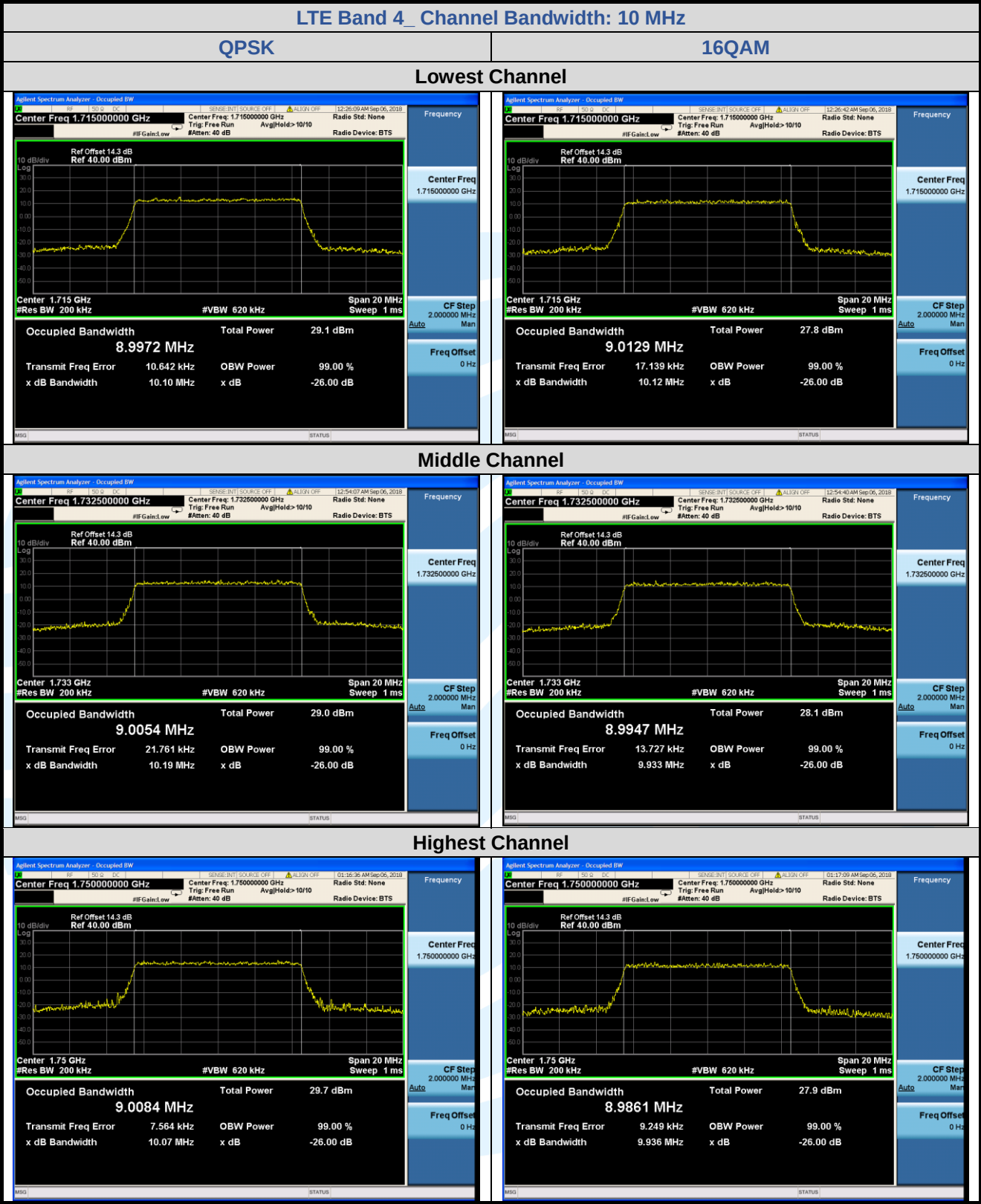
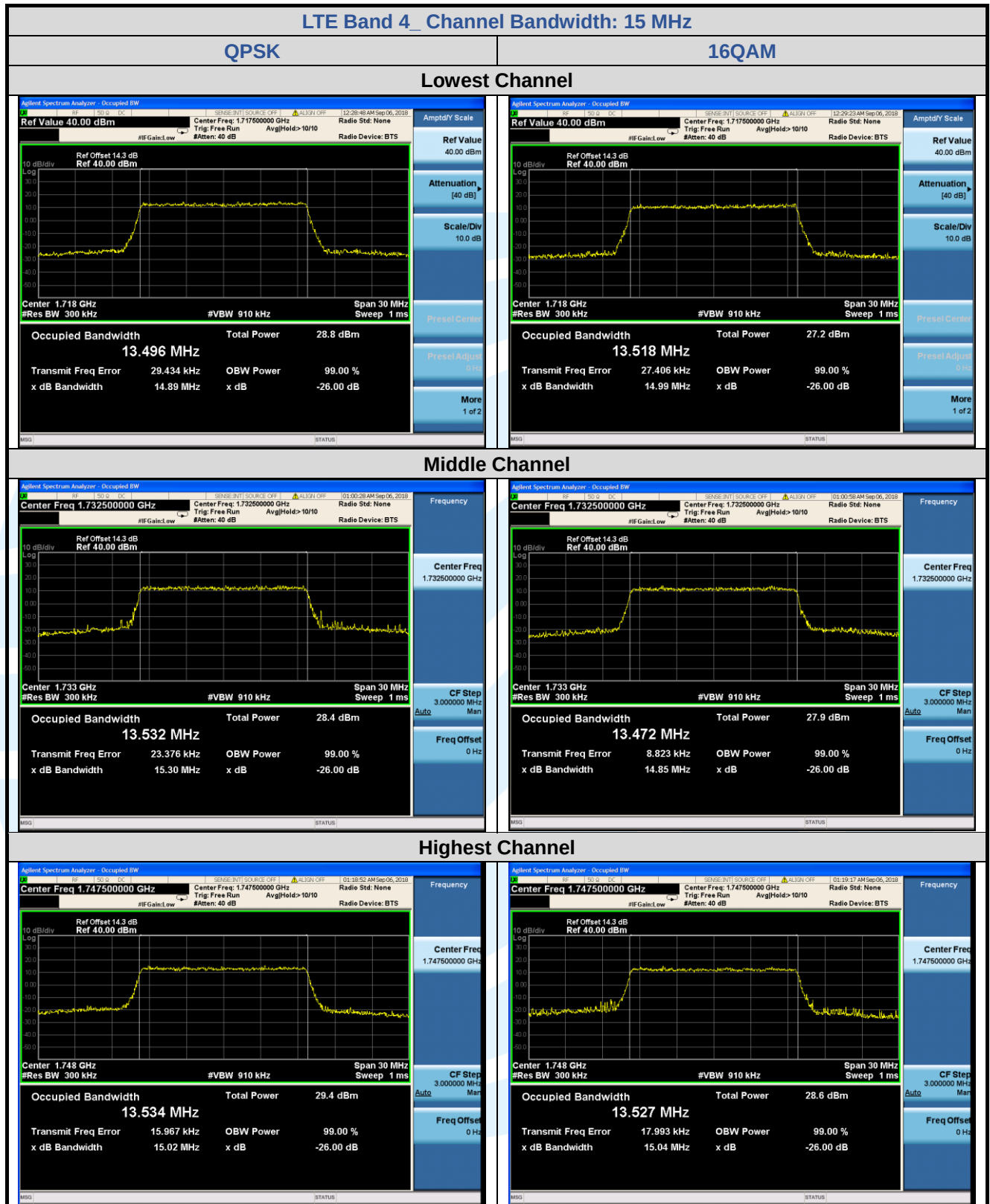
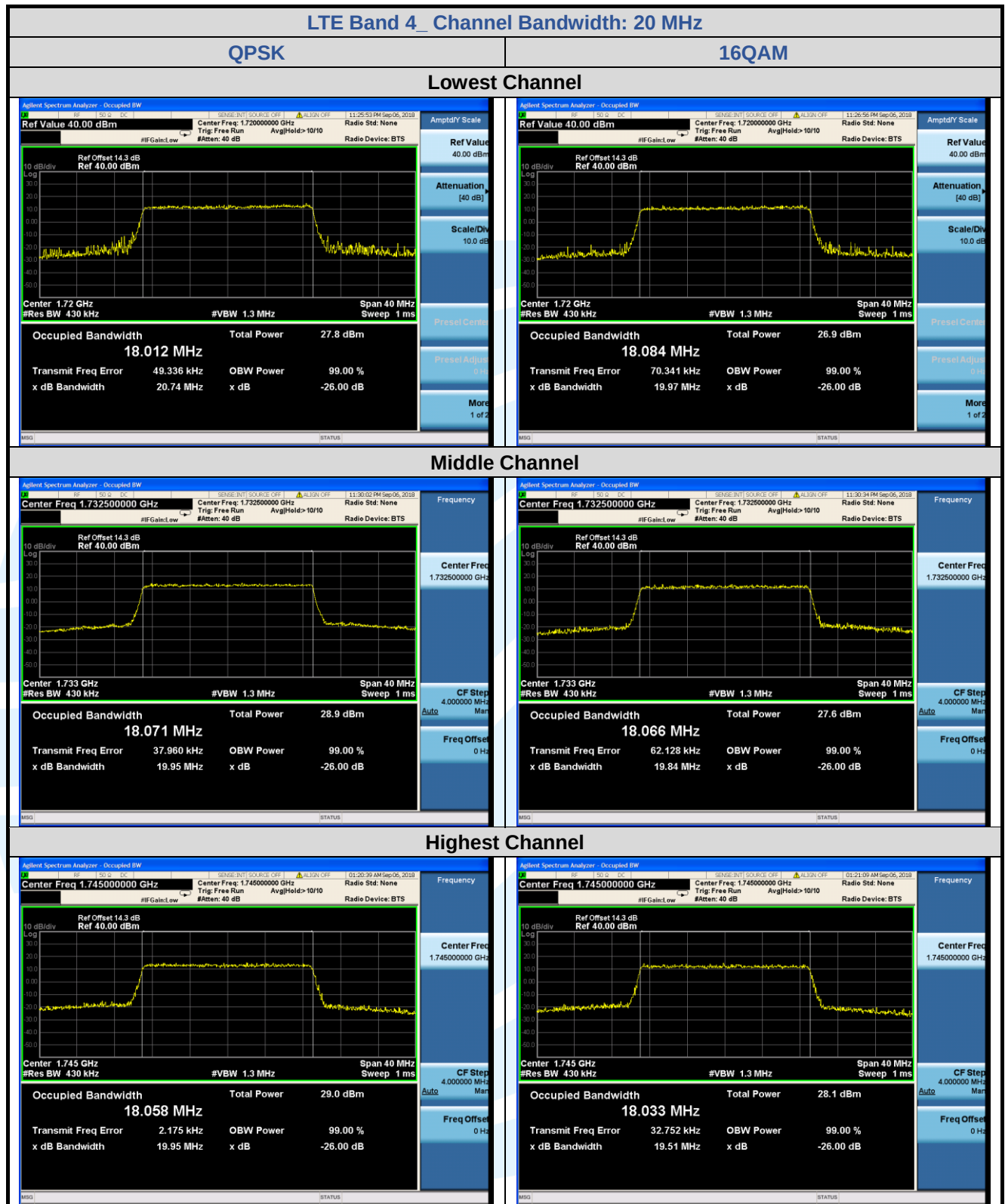


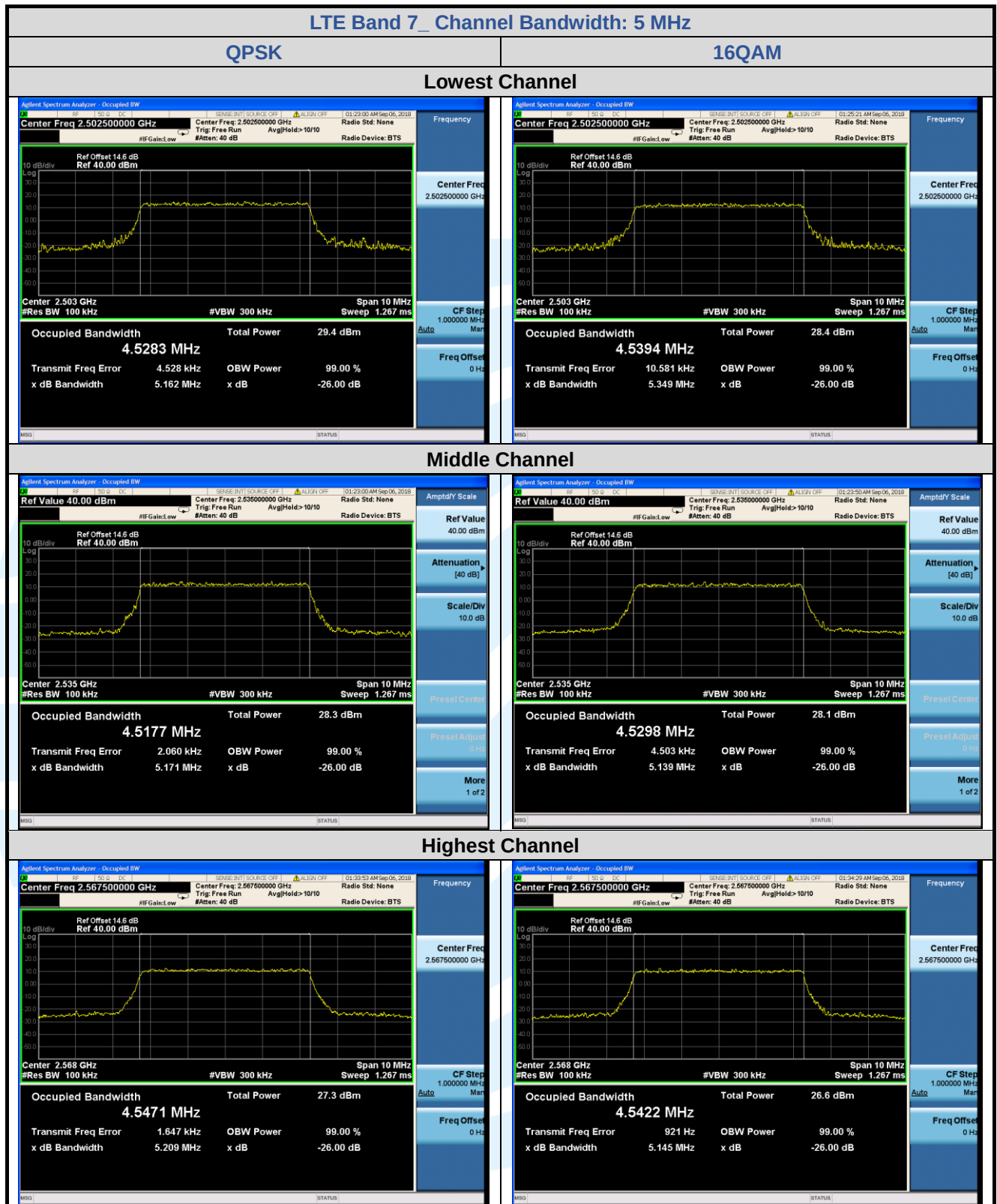


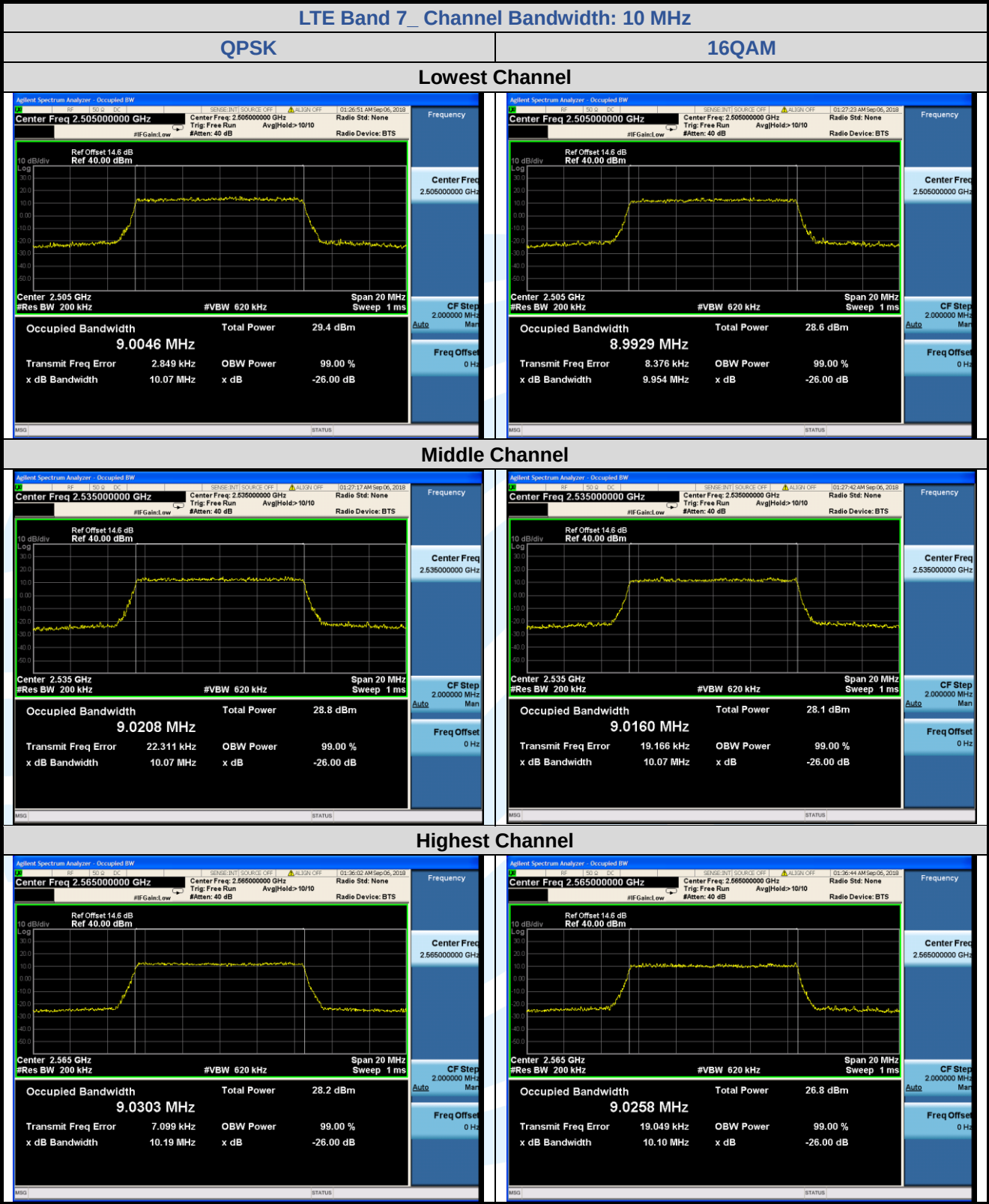


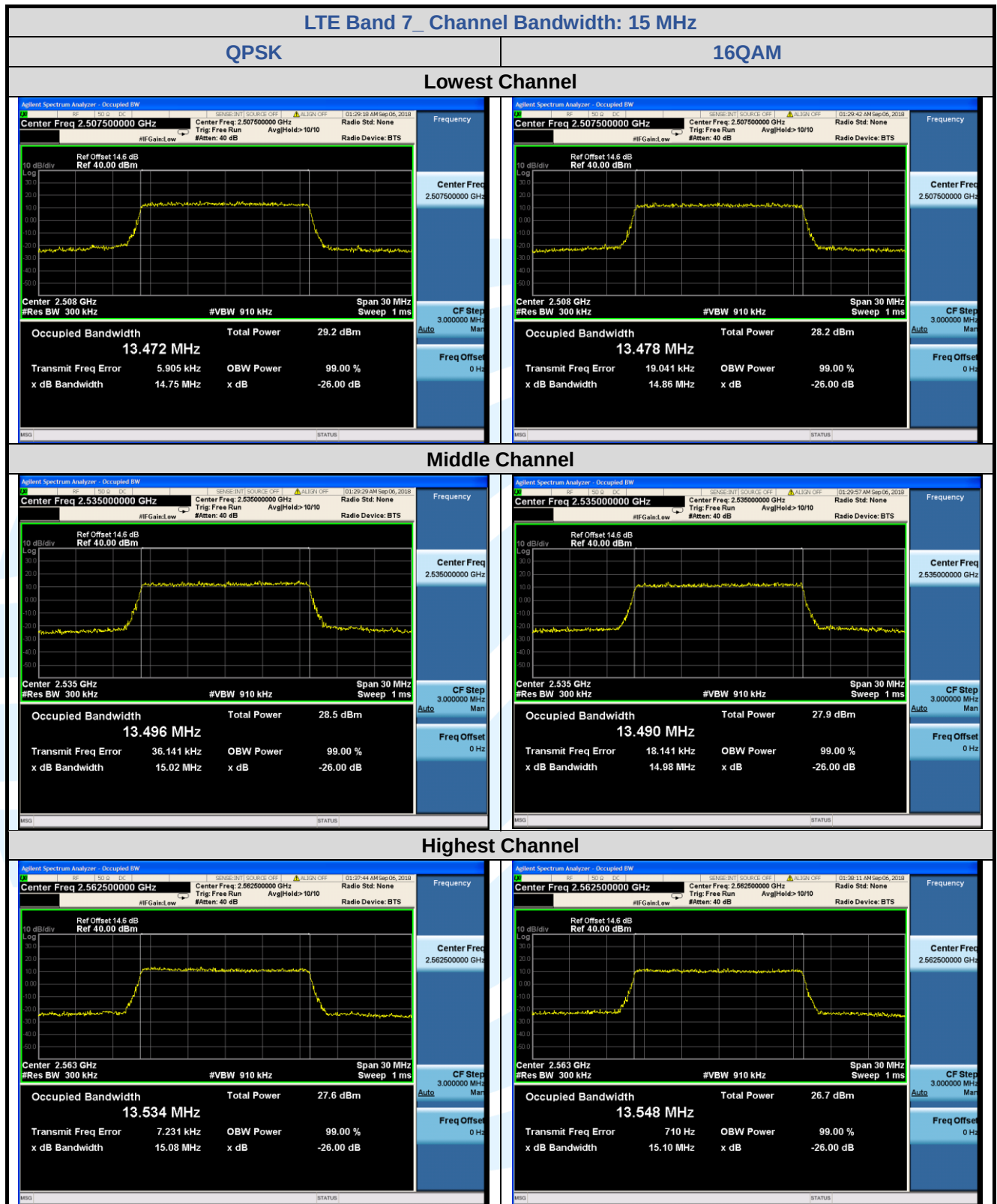


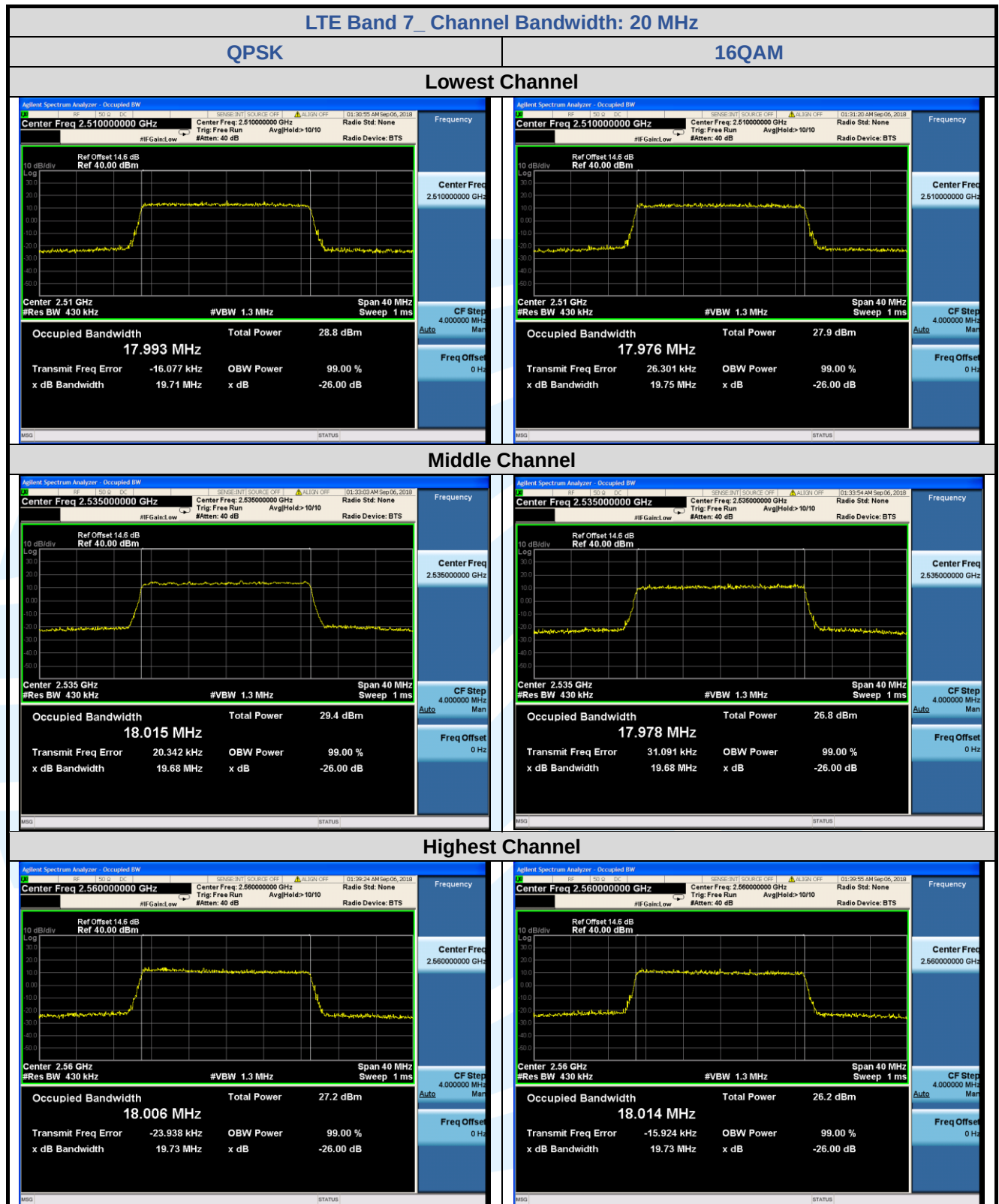
LTE Band 7

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	5.162	5.349	N/A	4.5283	4.5394	N/A
Middle	25	0	5.171	5.139	N/A	4.5177	4.5298	N/A
Highest	25	0	5.209	5.145	N/A	4.5471	4.5422	N/A
Channel Bandwidth: 10 MHz								
Lowest	50	0	10.07	9.954	N/A	9.0046	8.9929	N/A
Middle	50	0	10.07	10.07	N/A	9.0208	9.0160	N/A
Highest	50	0	10.19	10.10	N/A	9.0303	9.0258	N/A
Channel Bandwidth: 15 MHz								
Lowest	75	0	14.75	14.86	N/A	13.472	13.478	N/A
Middle	75	0	15.02	14.98	N/A	13.496	13.490	N/A
Highest	75	0	15.08	15.10	N/A	13.534	13.548	N/A
Channel Bandwidth: 20 MHz								
Lowest	100	0	19.71	19.75	N/A	17.993	17.976	N/A
Middle	100	0	19.68	19.68	N/A	18.015	17.978	N/A
Highest	100	0	19.73	19.73	N/A	18.006	18.014	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	1.276	1.309	N/A	1.0915	1.0999	N/A
Middle	6	0	1.285	1.306	N/A	1.0885	1.1003	N/A
Highest	6	0	1.290	1.285	N/A	1.0948	1.0910	N/A
Channel Bandwidth: 3 MHz								
Lowest	15	0	2.921	2.927	N/A	2.6971	2.6887	N/A
Middle	15	0	2.917	2.922	N/A	2.6946	2.6902	N/A
Highest	15	0	2.920	2.927	N/A	2.6980	2.6839	N/A
Channel Bandwidth: 5 MHz								
Lowest	25	0	5.150	5.253	N/A	4.5189	4.5422	N/A
Middle	25	0	5.174	5.166	N/A	4.5353	4.5216	N/A
Highest	25	0	5.139	5.178	N/A	4.5092	4.5324	N/A
Channel Bandwidth: 10 MHz								
Lowest	50	0	10.04	10.08	N/A	8.9934	8.9991	N/A
Middle	50	0	10.18	11.94	N/A	9.0156	9.0315	N/A
Highest	50	0	10.12	10.07	N/A	9.0143	9.0146	N/A

Shenzhen UnionTrust Quality and Technology Co., Ltd.

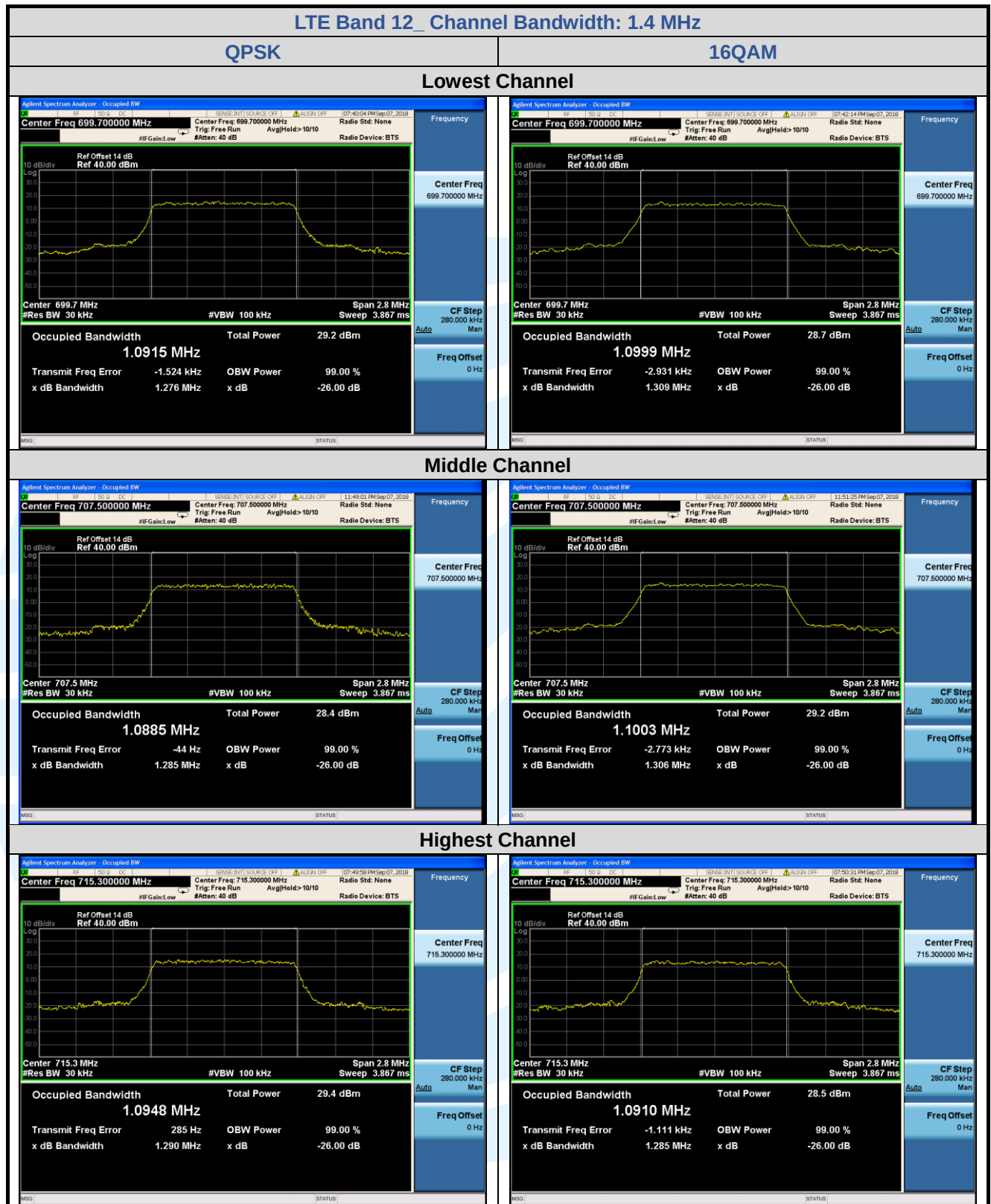
Address: 16/F, Block A, Building 6, Baoneng Science and Technology Park, Qingxiang Road No.1, Longhua New District, Shenzhen, China

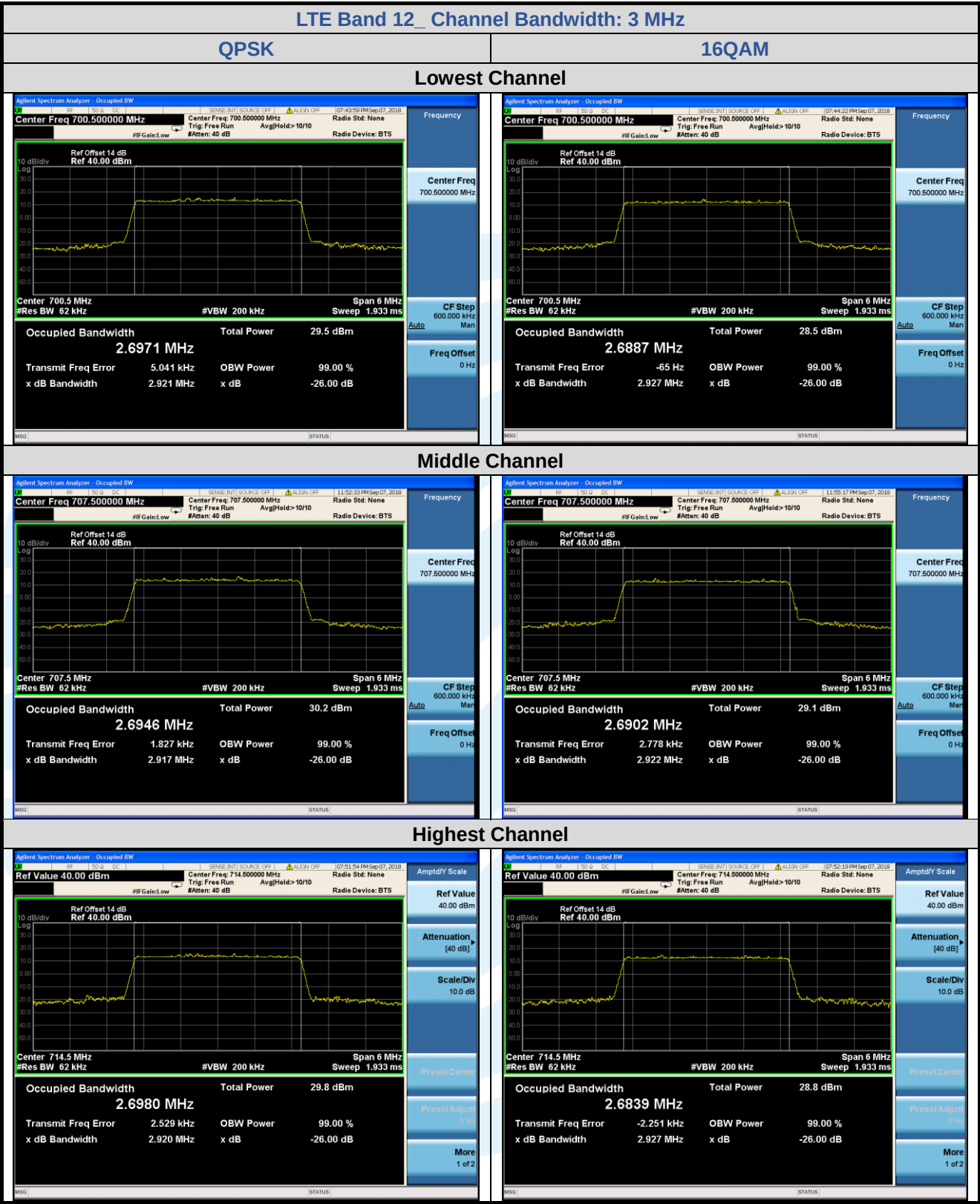
Tel: +86-755-28230888

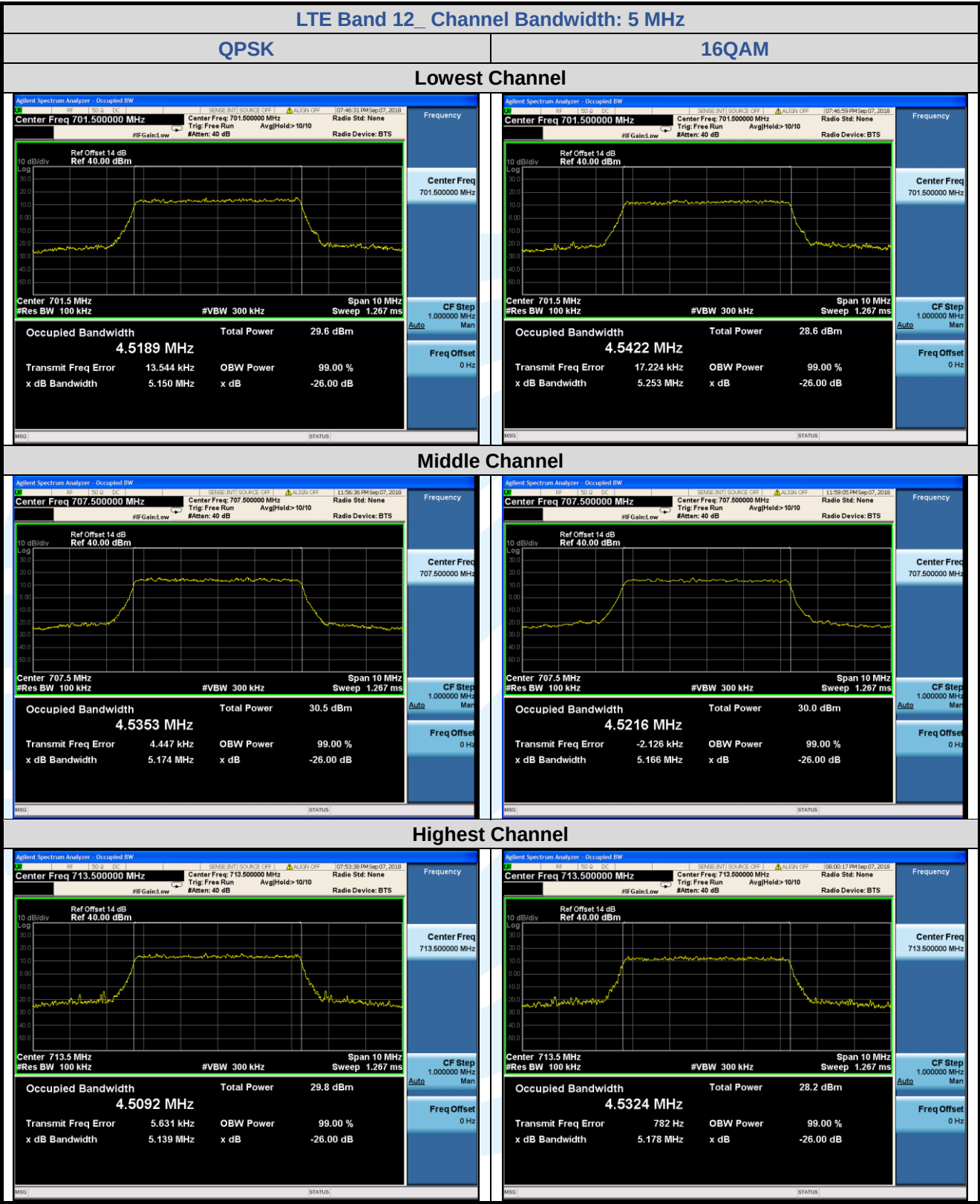
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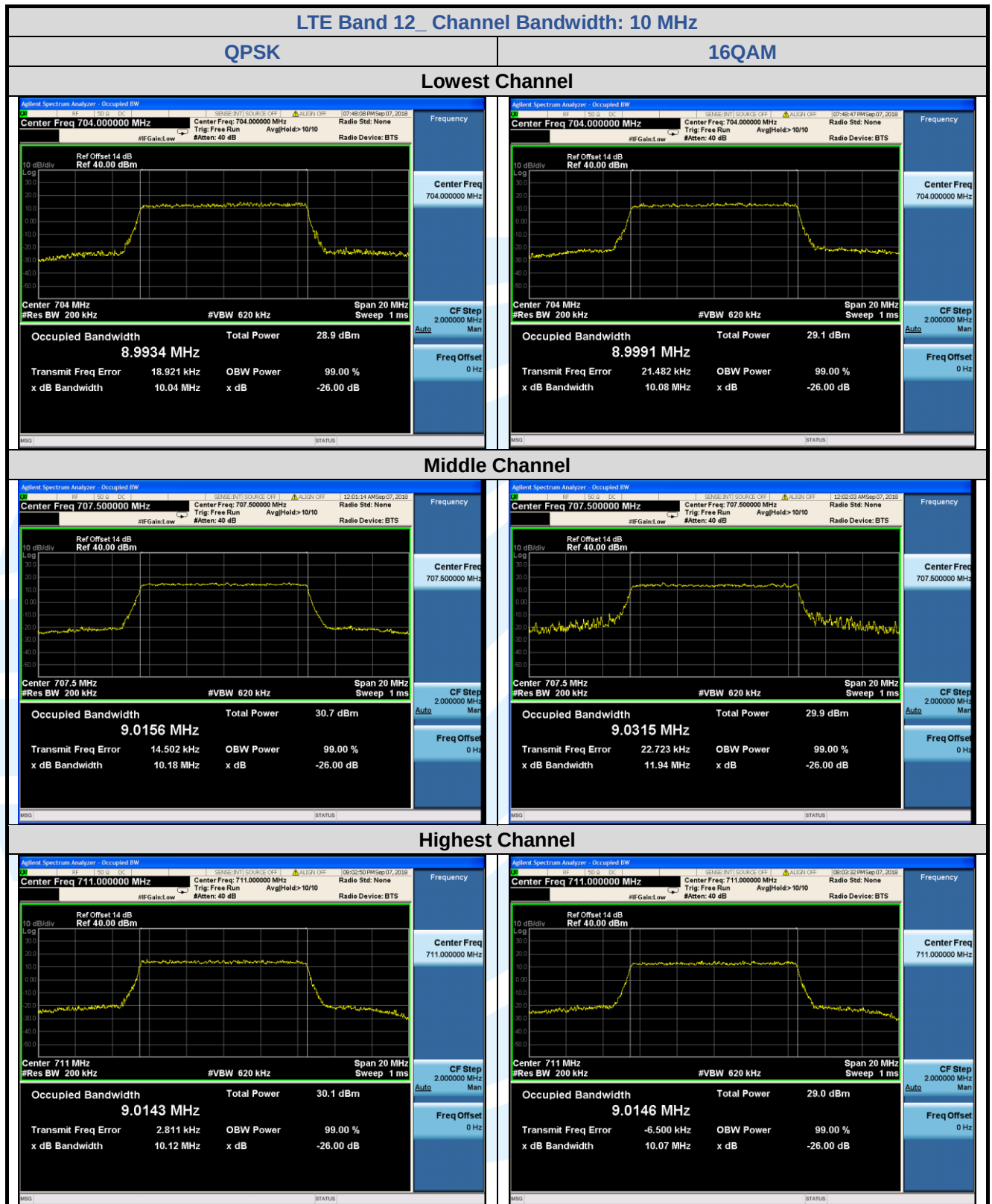
E-mail: info@uttlab.com

[Http://www.uttlab.com](http://www.uttlab.com)









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	5.171	5.153	N/A	4.5257	4.5127	N/A
Middle	25	0	5.201	5.175	N/A	4.5350	4.5241	N/A
Highest	25	0	5.050	5.184	N/A	4.5203	4.5357	N/A
Channel Bandwidth: 10 MHz								
Lowest	50	0	10.03	10.12	N/A	9.0168	9.0141	N/A
Middle	50	0	10.13	9.920	N/A	9.0256	9.0160	N/A
Highest	50	0	10.08	10.14	N/A	9.0219	9.0138	N/A