

**Shenzhen UnionTrust Quality and Technology Co., Ltd.**

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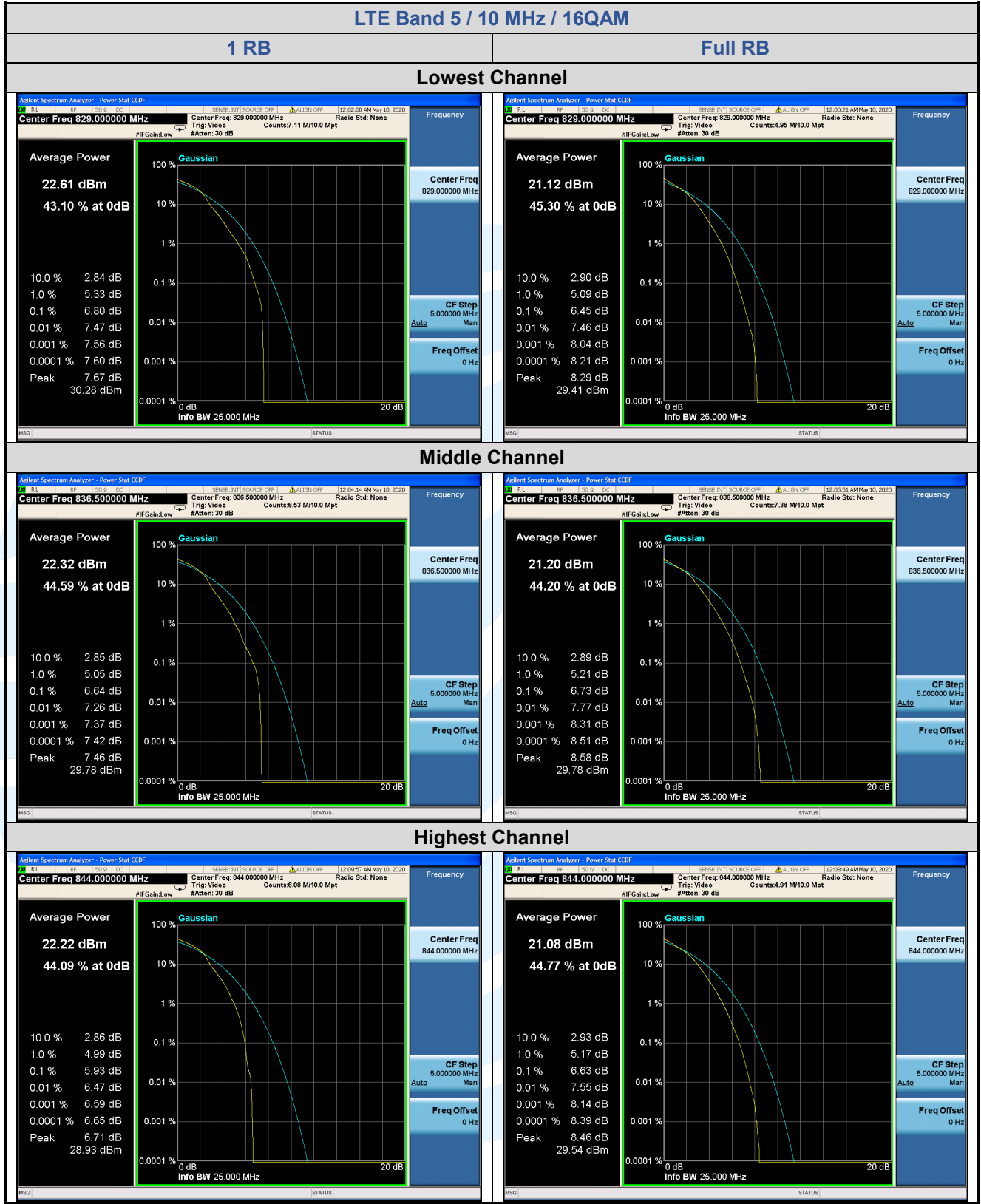
Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

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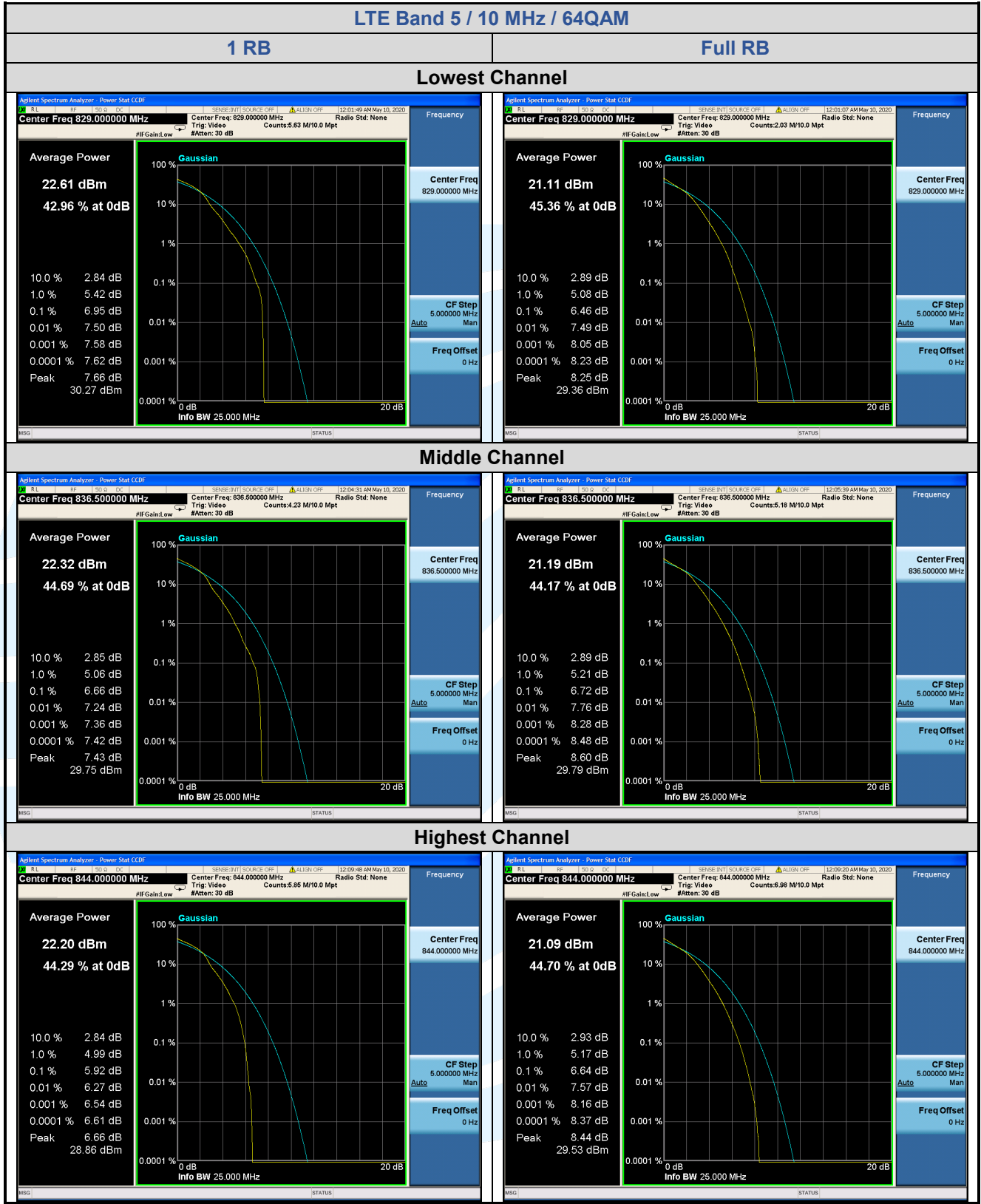
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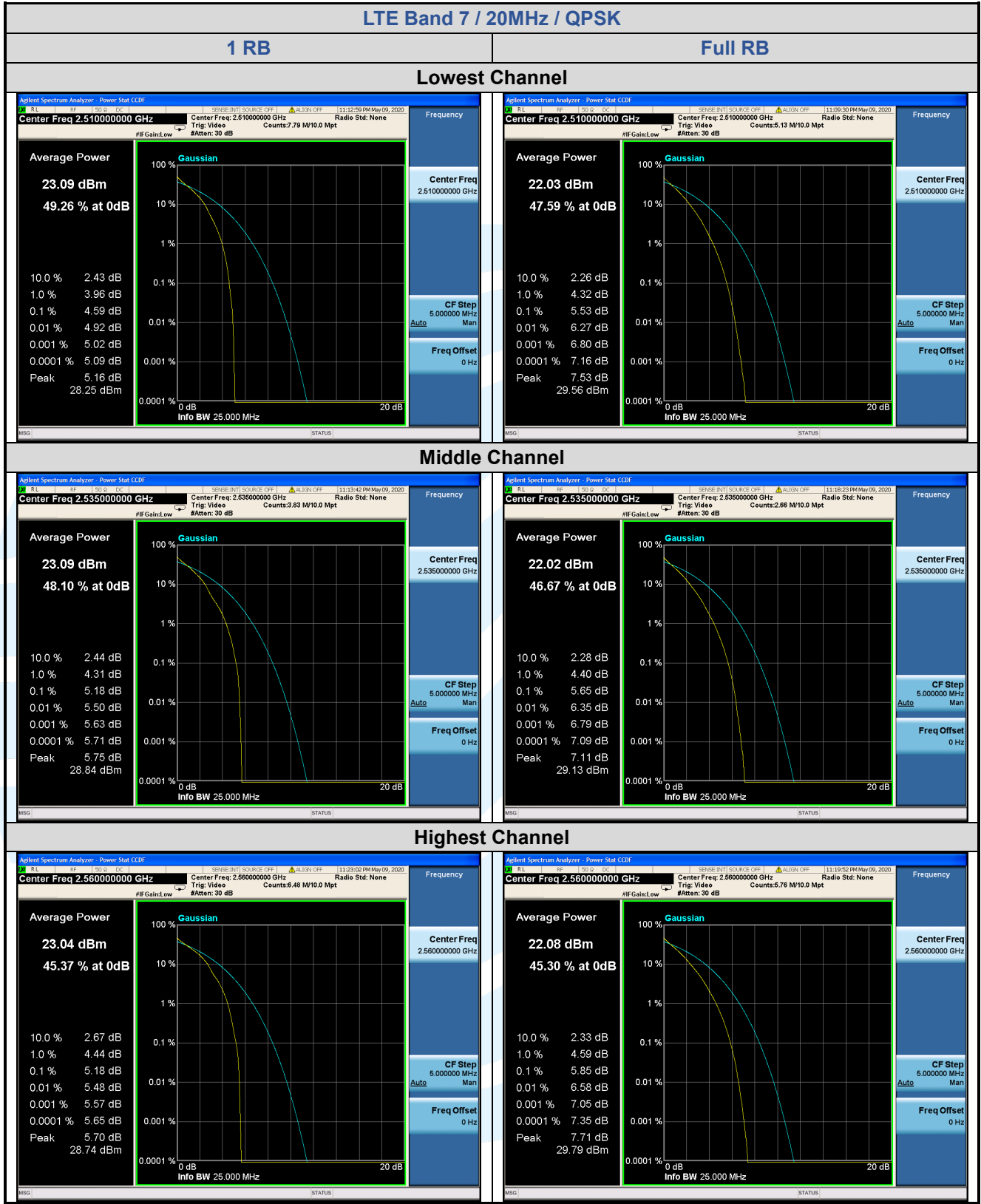
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5.4.4 LTE Band 7

LTE Band 7 Peak-to-average ratio (dB)						
Channel	RB Configuration	Channel Bandwidth: 20 MHz			Limit (dB)	Result
		QPSK	16QAM	64QAM		
Lowest	1 RB	4.59	5.15	5.20	13	Pass
	Full RB	5.53	6.26	6.25	13	Pass
Middle	1 RB	5.18	5.89	5.87	13	Pass
	Full RB	5.65	6.37	6.35	13	Pass
Highest	1 RB	5.18	6.24	6.36	13	Pass
	Full RB	5.85	6.60	6.61	13	Pass



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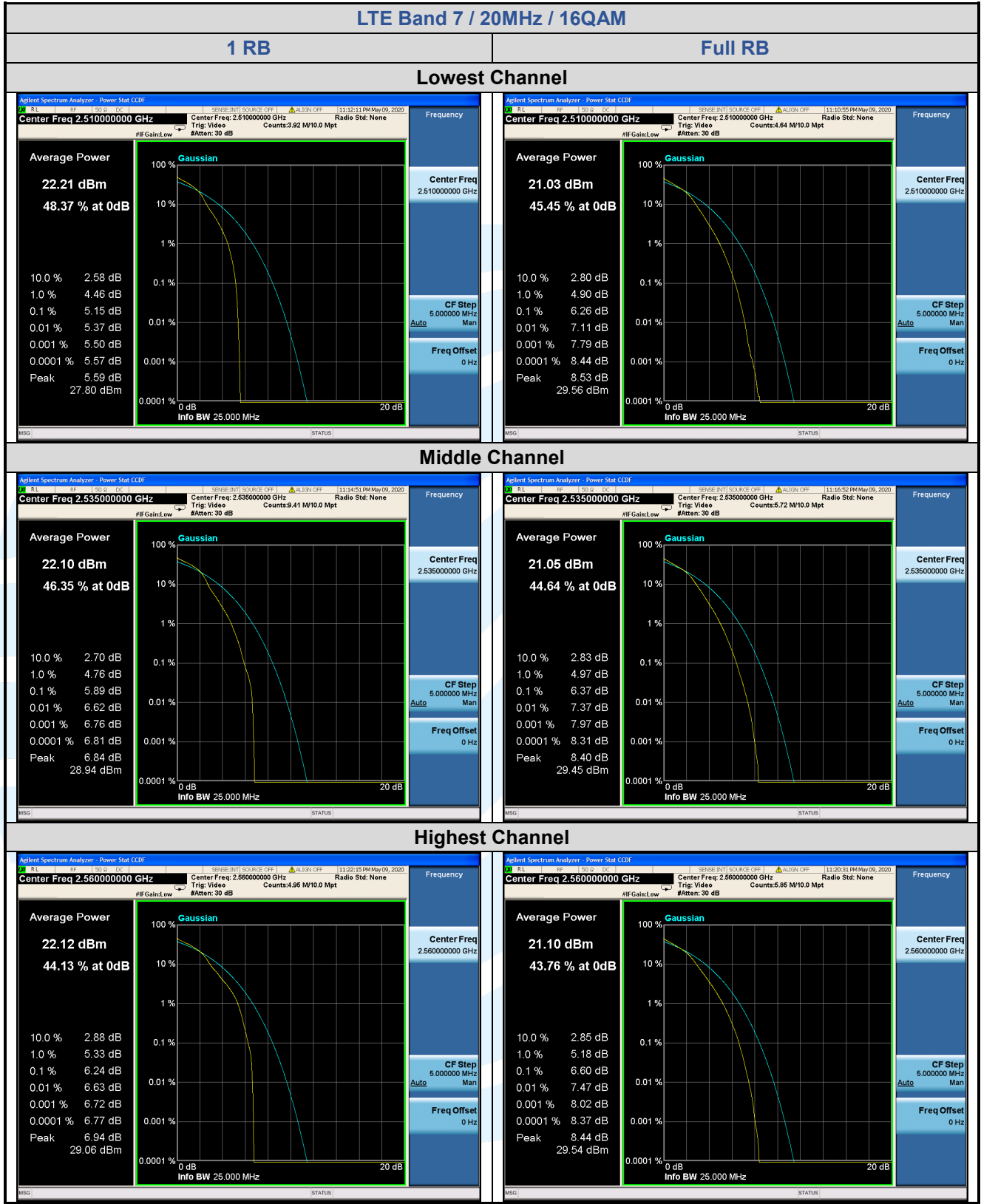
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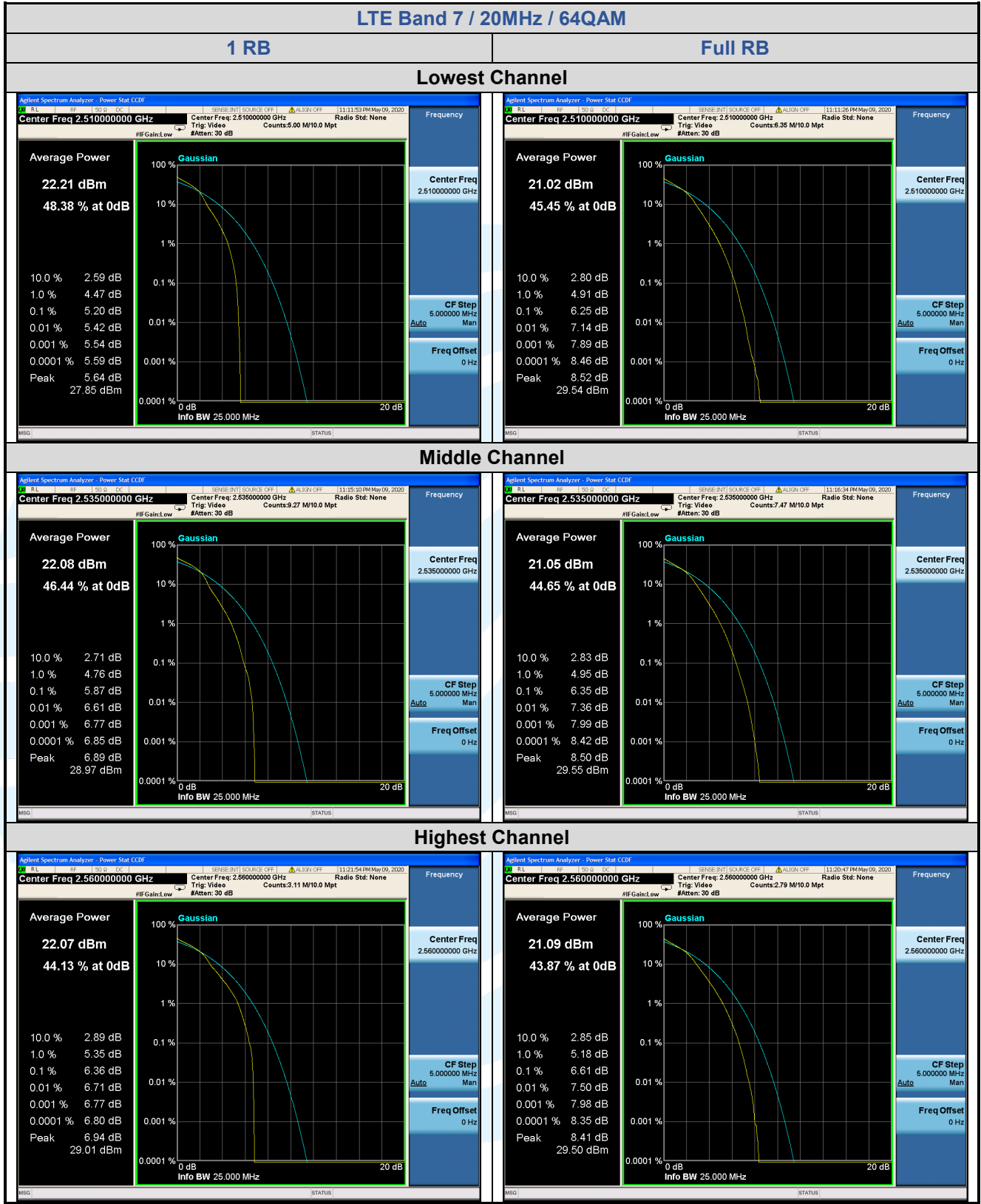
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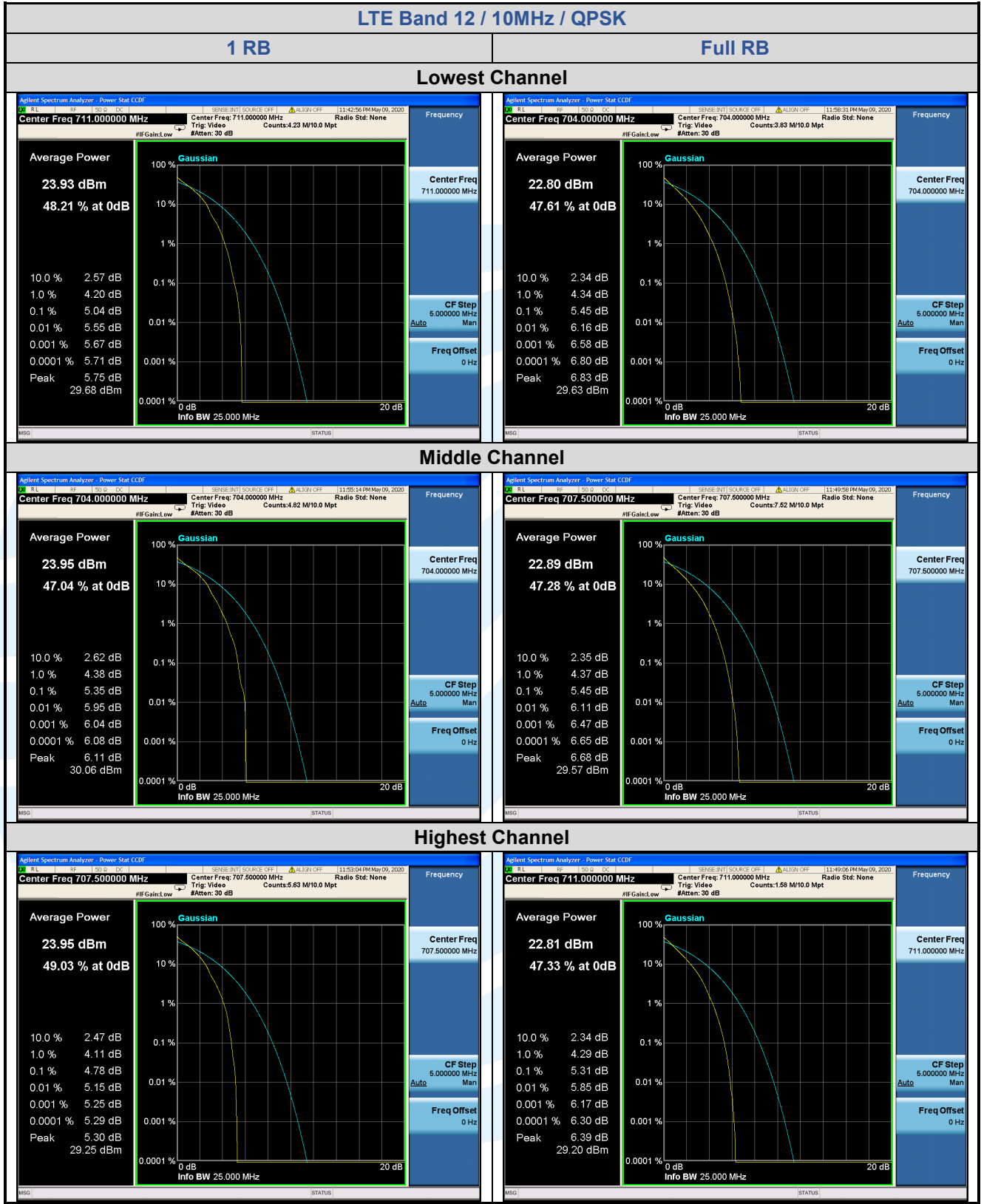
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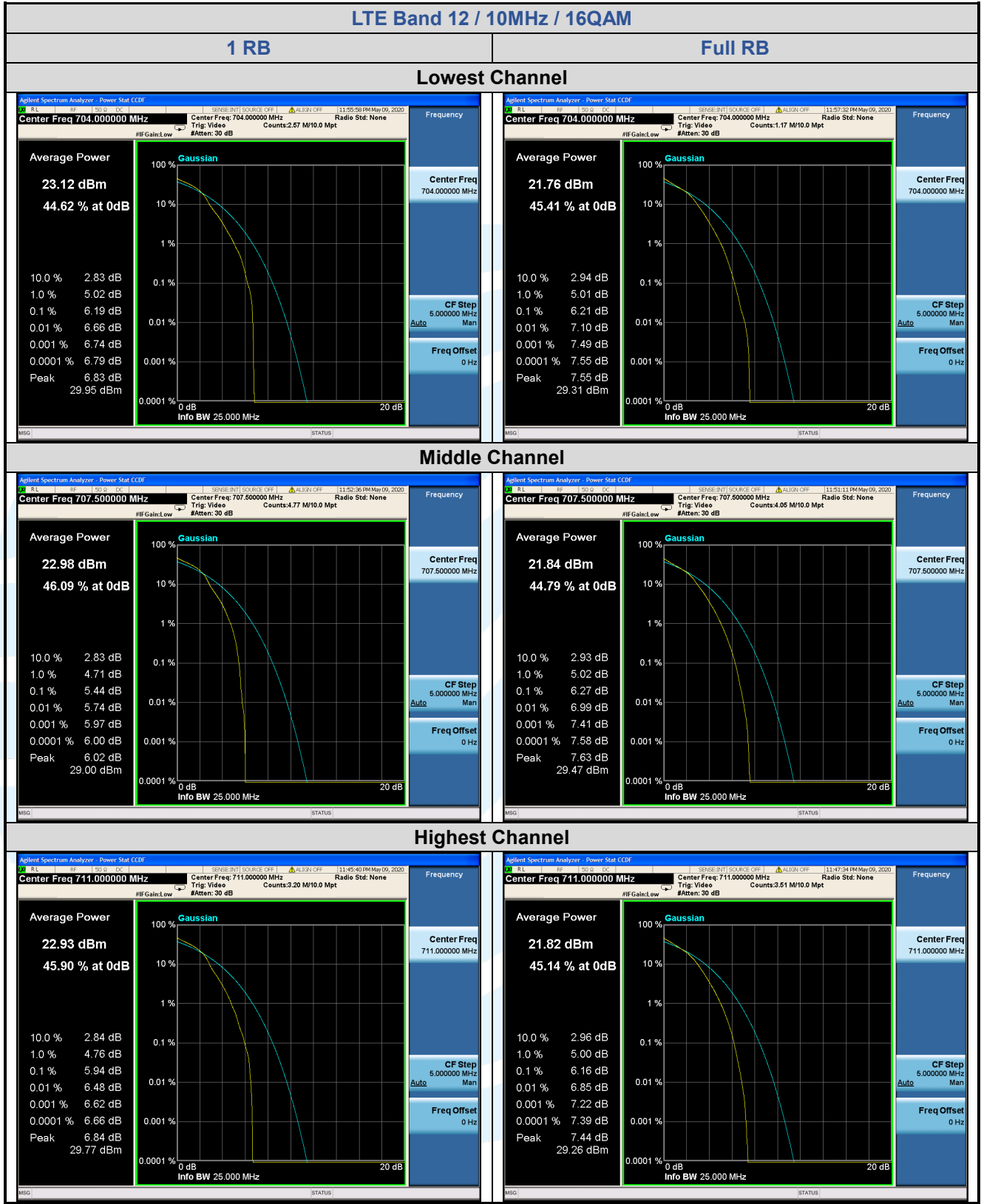
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**5.4.5 LTE Band 12**

LTE Band 12 Peak-to-average ratio (dB)						
Channel	RB Configuration	Channel Bandwidth: 10 MHz			Limit (dB)	Result
		QPSK	16QAM	64QAM		
Lowest	1 RB	5.04	6.19	6.33	13	Pass
	Full RB	5.45	6.21	6.22	13	Pass
Middle	1 RB	5.35	5.44	5.42	13	Pass
	Full RB	5.45	6.27	6.26	13	Pass
Highest	1 RB	4.78	5.94	6.17	13	Pass
	Full RB	5.31	6.16	6.18	13	Pass







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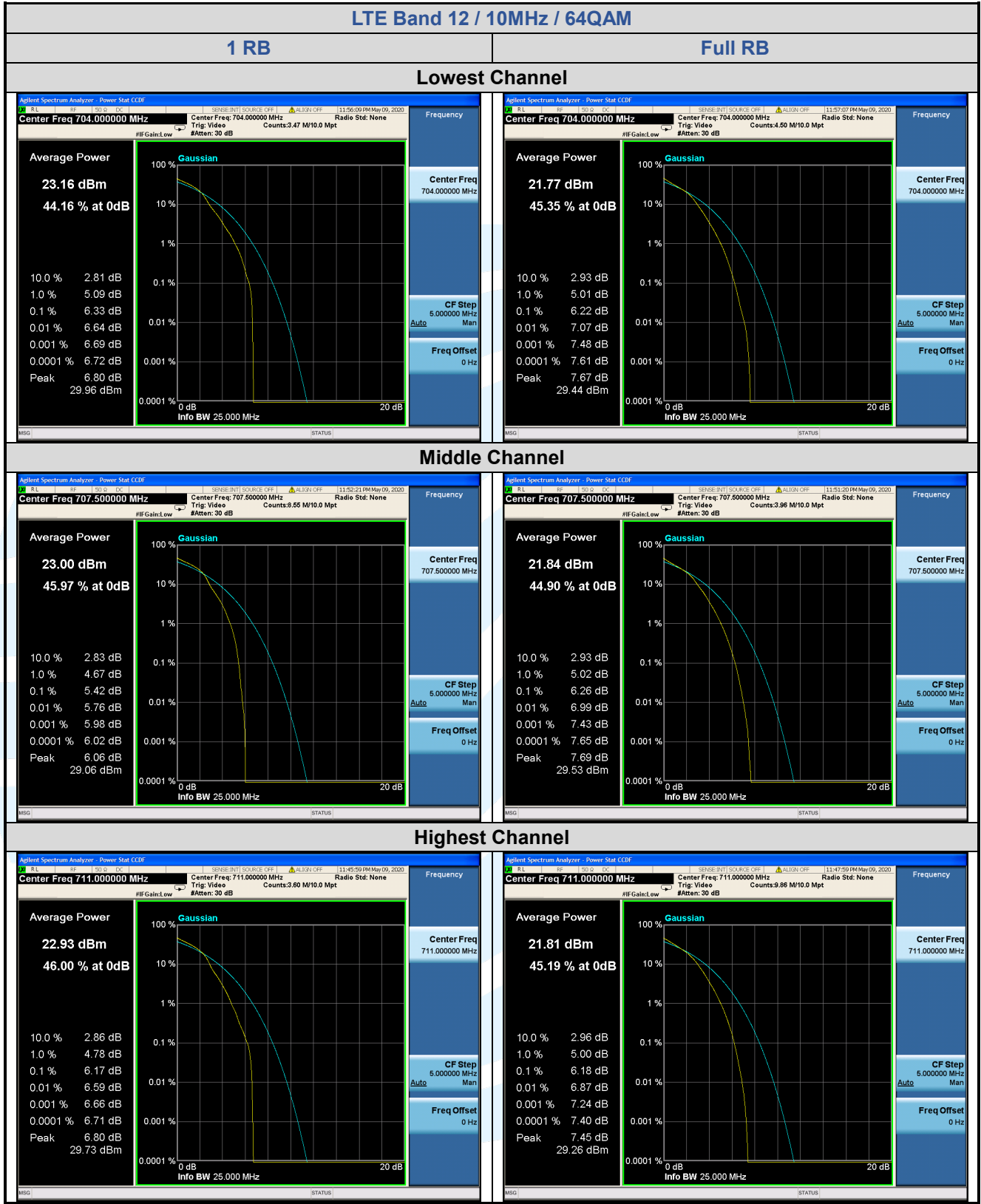
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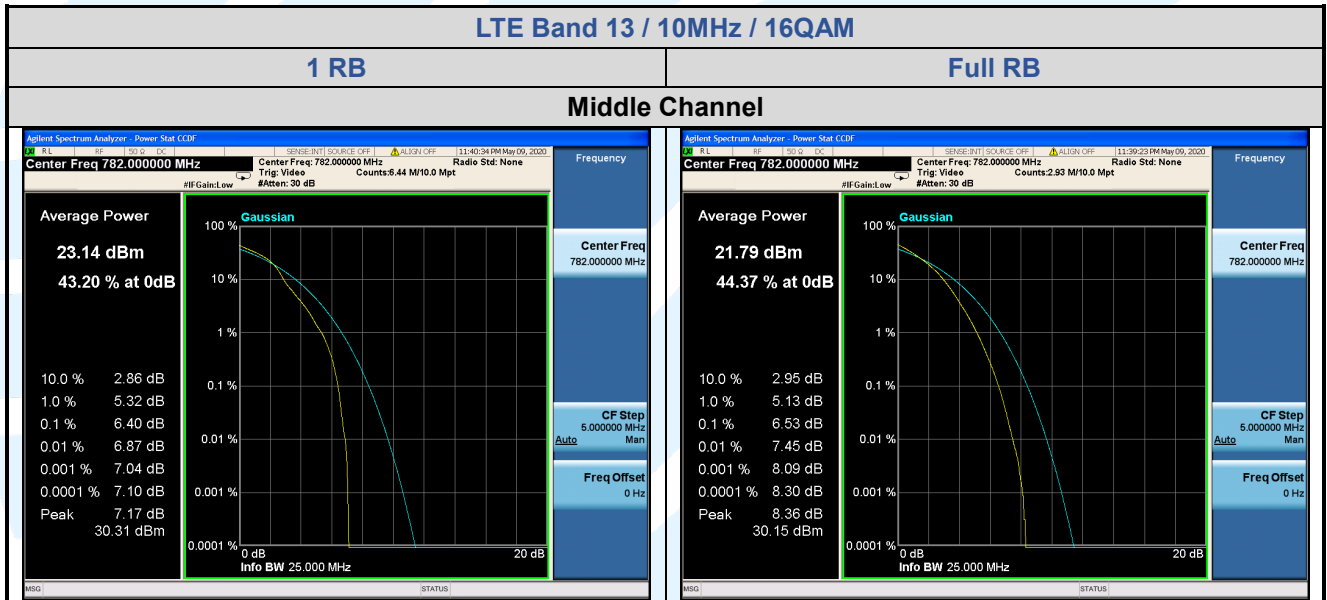
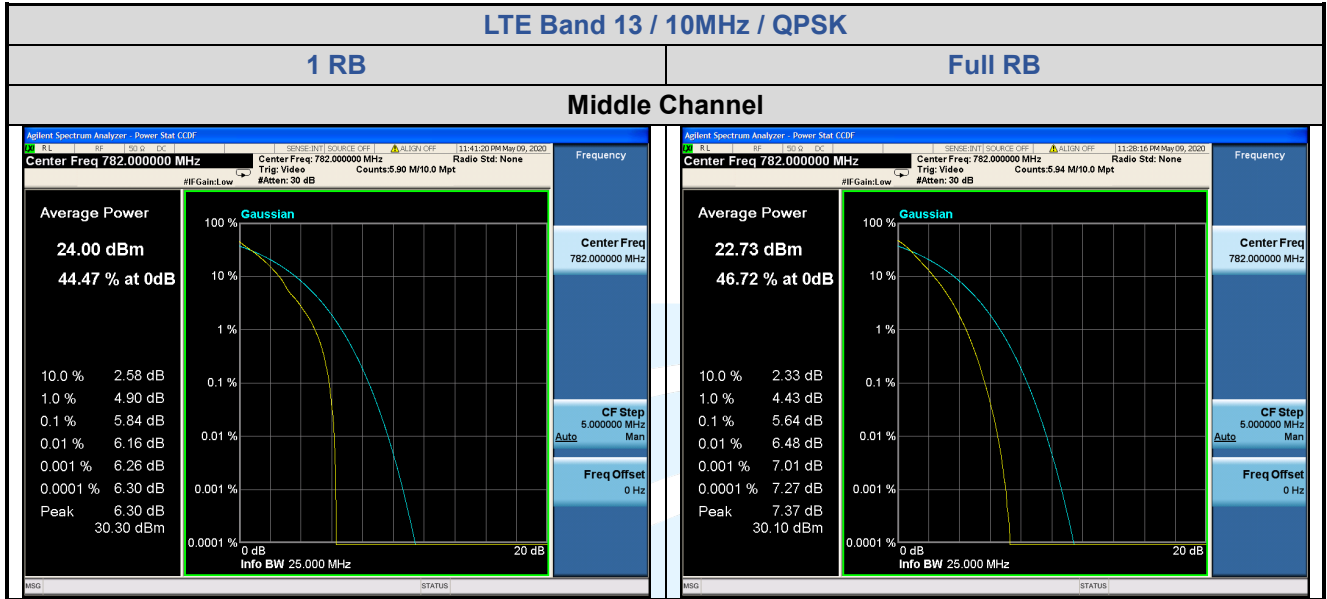
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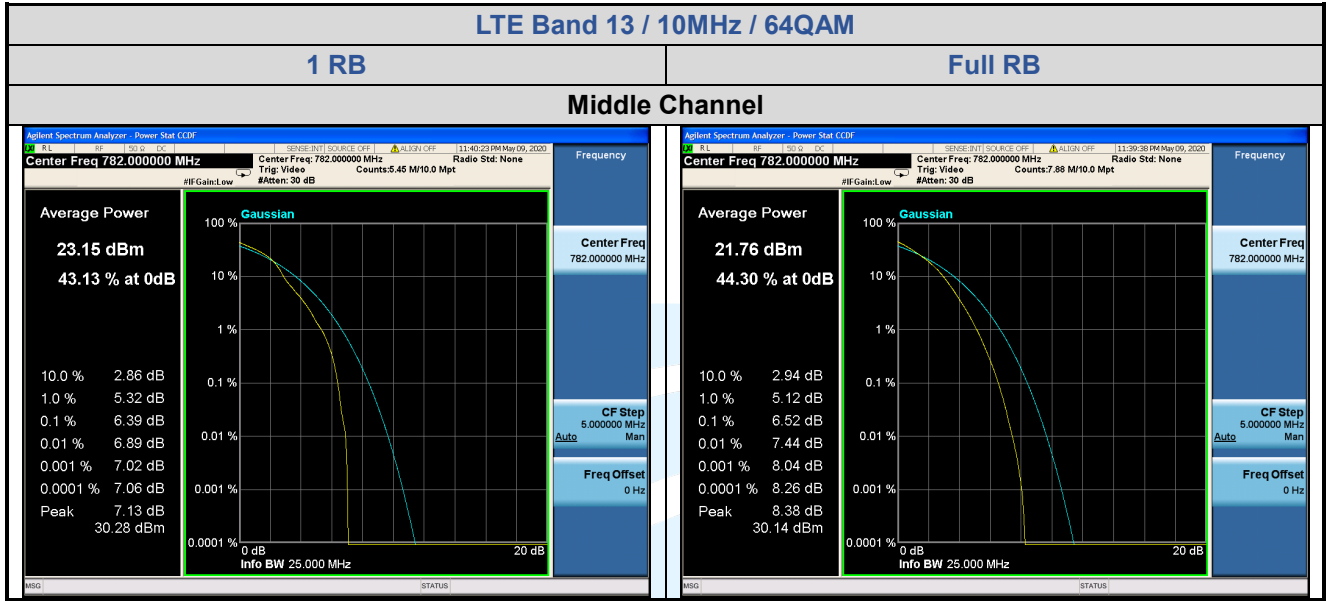
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**5.4.6 LTE Band 13**

LTE Band 13 Peak-to-average ratio (dB)						
Channel	RB Configuration	Channel Bandwidth: 10 MHz			Limit (dB)	Result
		QPSK	16QAM	64QAM		
Middle	1 RB	5.84	6.40	6.39	13	Pass
	Full RB	5.64	6.53	6.52	13	Pass







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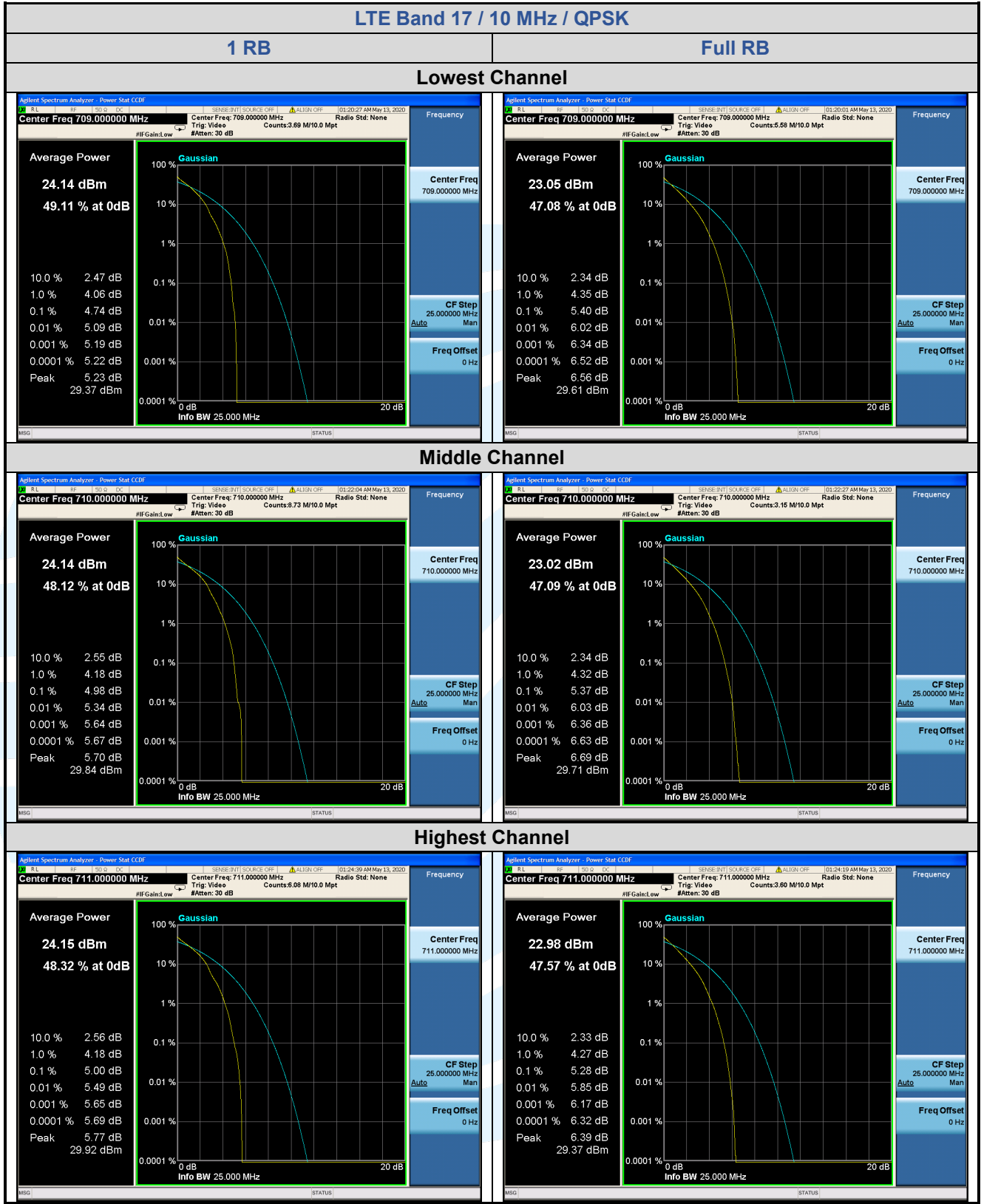
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5.4.7 LTE Band 17

LTE Band 17 Peak-to-average ratio (dB)						
Channel	RB Configuration	Channel Bandwidth: 10 MHz			Limit (dB)	Result
		QPSK	16QAM	64QAM		
Lowest	1 RB	4.74	5.40	5.43	13	Pass
	Full RB	5.40	6.22	6.24	13	Pass
Middle	1 RB	4.98	5.86	5.91	13	Pass
	Full RB	5.37	6.16	6.18	13	Pass
Highest	1 RB	5.00	6.03	5.99	13	Pass
	Full RB	5.28	6.15	6.14	13	Pass



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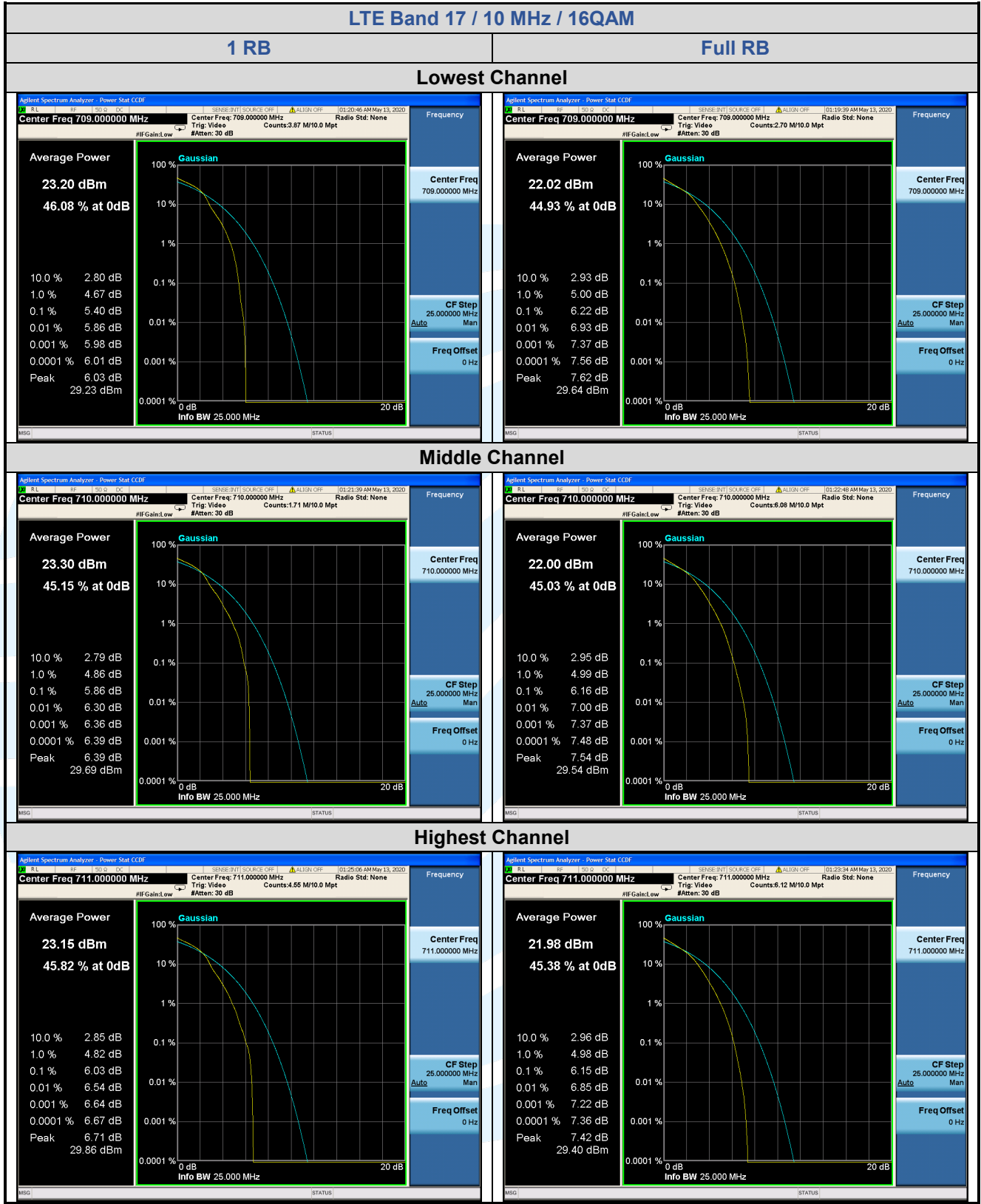
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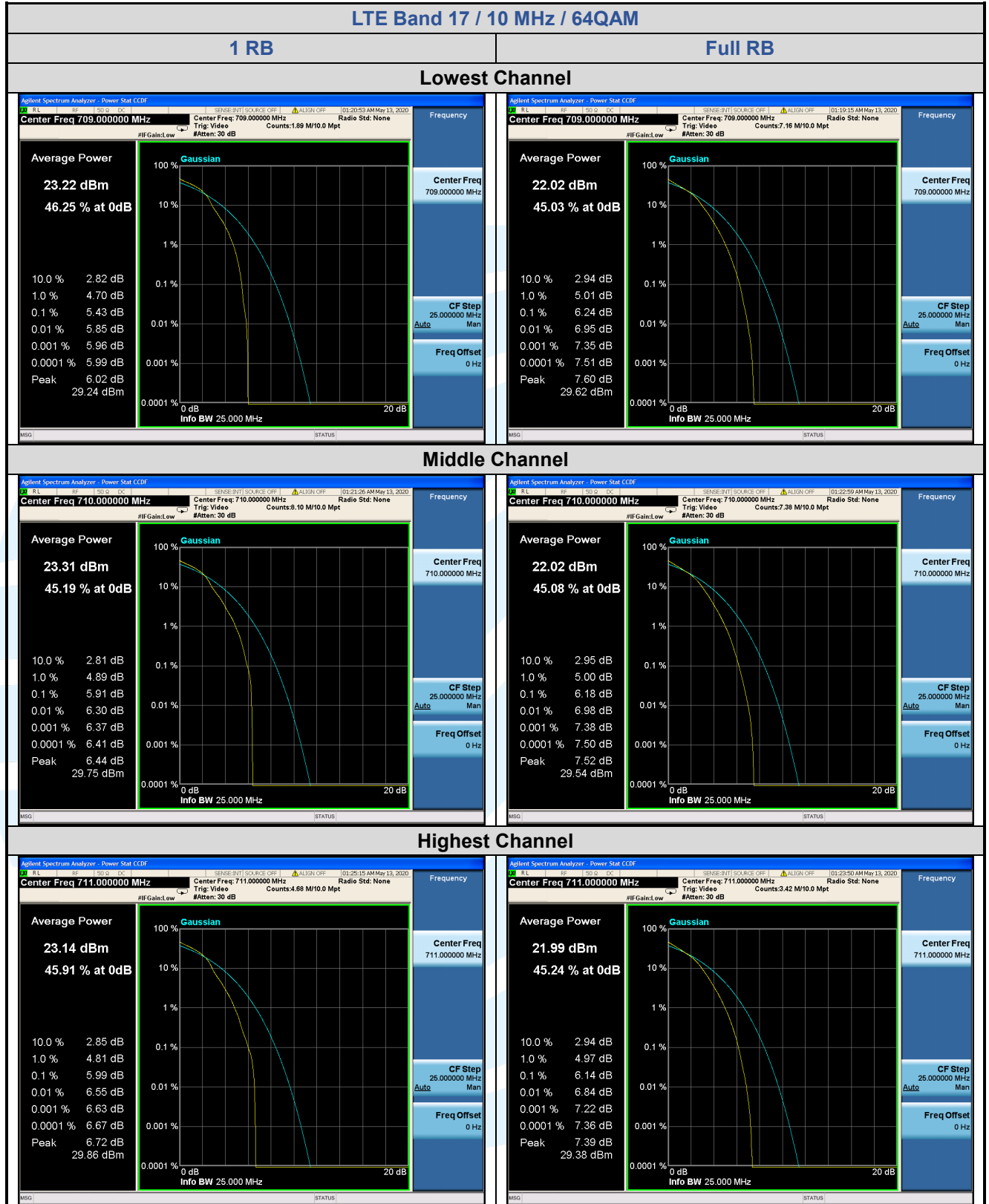
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### 5.599%&26DB BANDWIDTH

**Test Requirement:** FCC 47 CFR Part 2.1049(h)  
**Test Method:** ANSI C63.26-2015 & KDB 971168 D01v03r01 Section 4  
**Limit:** No Limit, for reporting purposes only.

**Test Procedure:**

The transmitter output was connected to a calibrated coaxial cable and coupler, the other end of which was connected to a spectrum analyzer. The occupied bandwidth was measured with the spectrum analyzer at the low, middle and high channel in each band. The 99% and -26dB bandwidths was also measured and recorded.

Note: The cable loss and attenuator loss were offset into measure device as an amplitude offset.

**Test Setup:** Refer to section 4.2.2 for details.

**Instruments Used:** Refer to section 3 for details

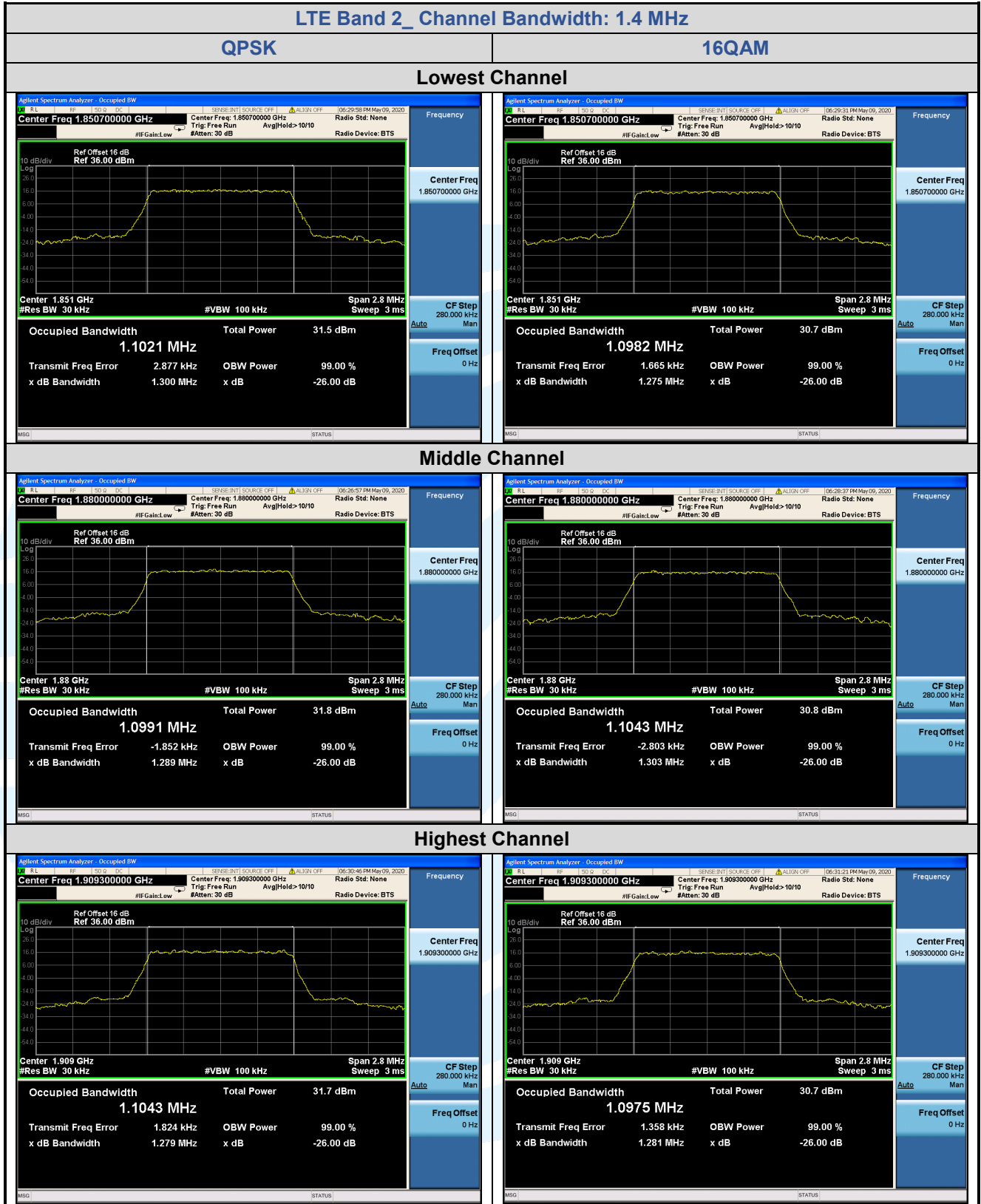
**Test Mode:** Link mode

**Test Results:** Pass

**Test Data:** See table below

#### 5.5.1 LTE Band 2

LTE Band 2								
Channel	RB Configuration		26 dB BW (MHz)			99% BW (MHz)		
	Size	Offset	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
<b>Channel Bandwidth: 1.4 MHz</b>								
Lowest	6	0	1.300	1.275	1.269	1.1021	1.0982	1.0956
Middle	6	0	1.289	1.303	1.304	1.0991	1.1043	1.1043
Highest	6	0	1.279	1.281	1.282	1.1043	1.0975	1.0991
<b>Channel Bandwidth: 3 MHz</b>								
Lowest	15	0	2.965	2.978	2.972	2.6964	2.6881	2.6878
Middle	15	0	2.961	2.995	2.959	2.6888	2.6915	2.6905
Highest	15	0	2.972	2.972	2.966	2.6933	2.6857	2.6836
<b>Channel Bandwidth: 5 MHz</b>								
Lowest	25	0	4.939	4.924	4.869	4.5235	4.5032	4.4995
Middle	25	0	4.940	4.946	4.938	4.5132	4.5301	4.5109
Highest	25	0	4.934	4.963	4.937	4.5040	4.5312	4.5180
<b>Channel Bandwidth: 10 MHz</b>								
Lowest	50	0	9.801	9.719	9.706	8.9891	8.9915	8.9685
Middle	50	0	9.775	9.794	9.757	8.9913	8.9774	8.9878
Highest	50	0	9.753	9.776	9.745	8.9658	8.9880	8.9801
<b>Channel Bandwidth: 15 MHz</b>								
Lowest	75	0	14.66	14.57	14.54	13.465	13.481	13.496
Middle	75	0	14.61	14.64	14.58	13.450	13.481	13.482
Highest	75	0	14.66	14.59	14.59	13.473	13.479	13.496
<b>Channel Bandwidth: 20 MHz</b>								
Lowest	100	0	19.41	19.46	19.36	17.982	18.019	18.026
Middle	100	0	19.40	19.47	19.28	17.972	17.965	17.977
Highest	100	0	19.56	19.42	19.45	17.945	17.951	17.940



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