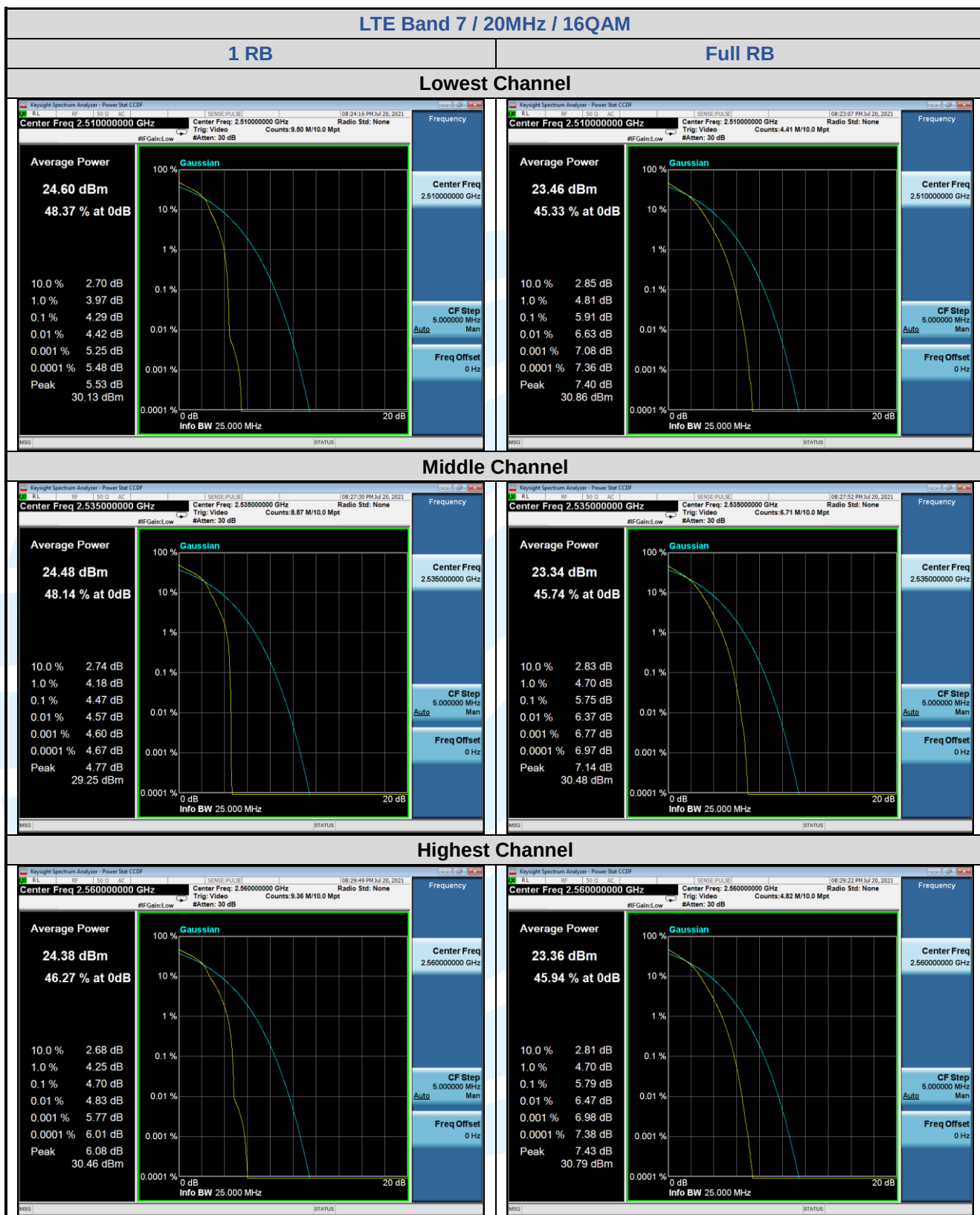
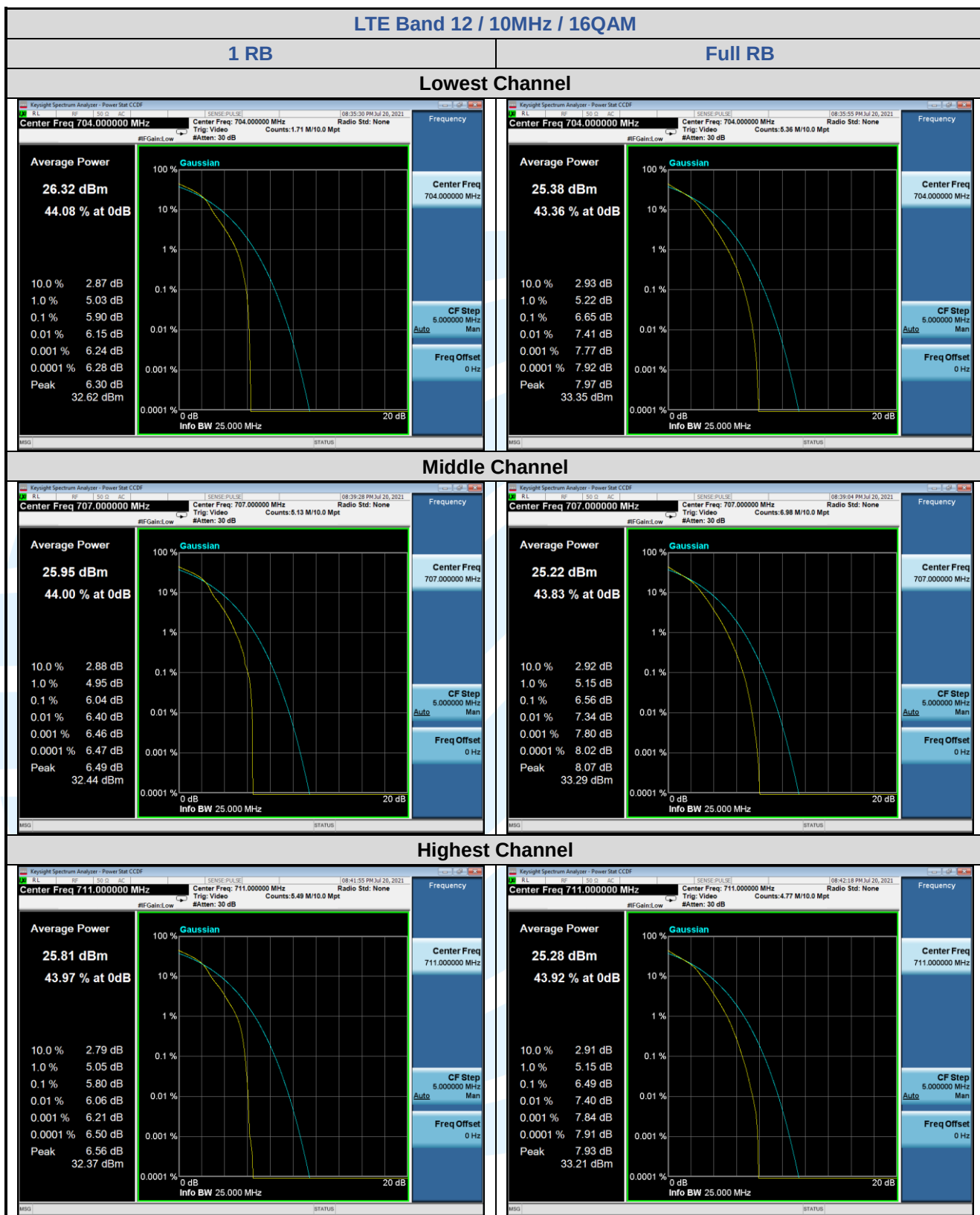




5.4.5 LTE Band 12

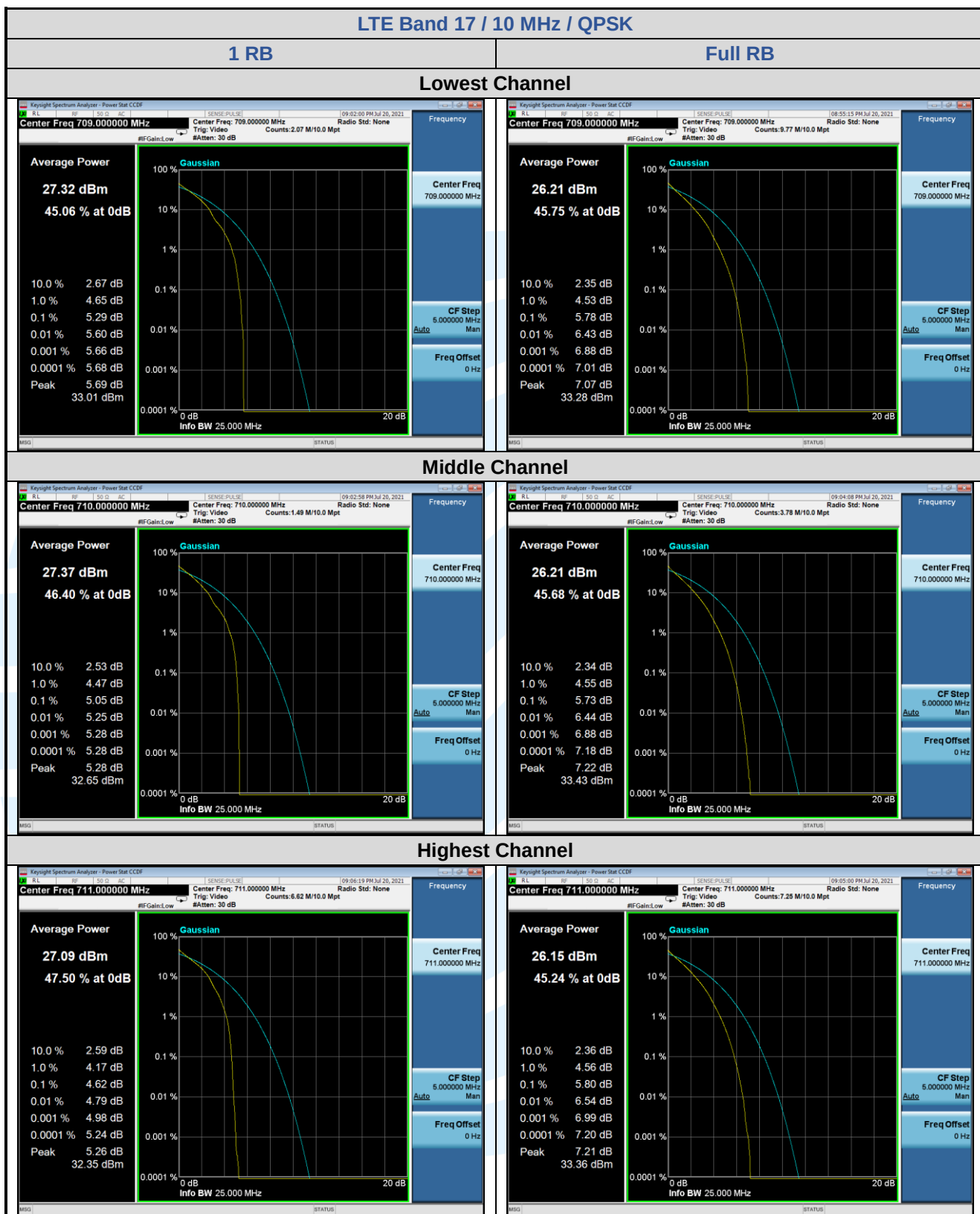
LTE Band 12 Peak-to-average ratio (dB)						
Channel	RB Configuration	Channel Bandwidth: 10 MHz			Limit (dB)	Result
		QPSK	16QAM	64QAM		
Lowest	1 RB	4.97	5.90	/	13	Pass
	Full RB	5.91	6.65	/	13	Pass
Middle	1 RB	5.16	6.04	/	13	Pass
	Full RB	5.79	6.56	/	13	Pass
Highest	1 RB	4.49	5.80	/	13	Pass
	Full RB	5.78	6.49	/	13	Pass

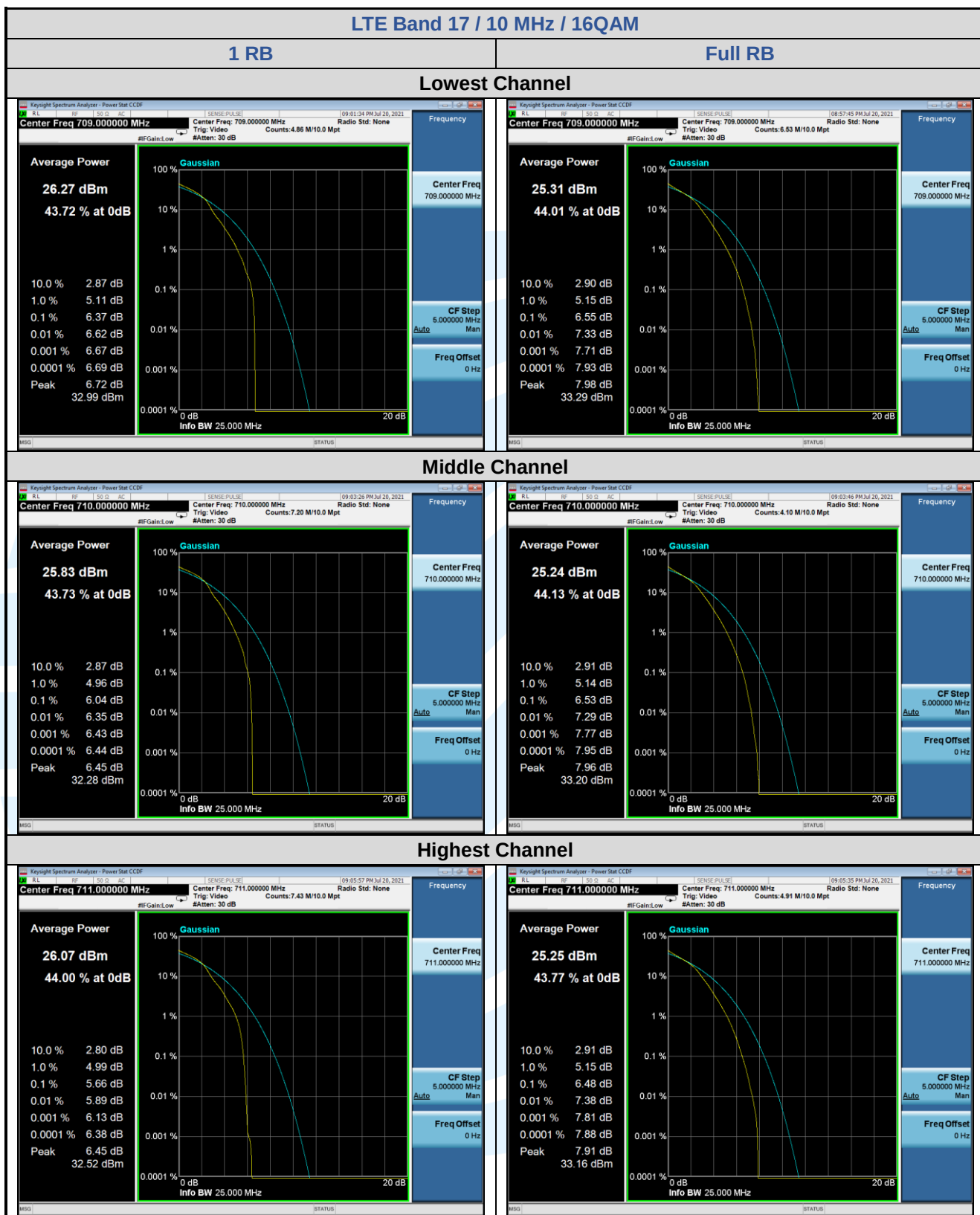




5.4.6 LTE Band 17

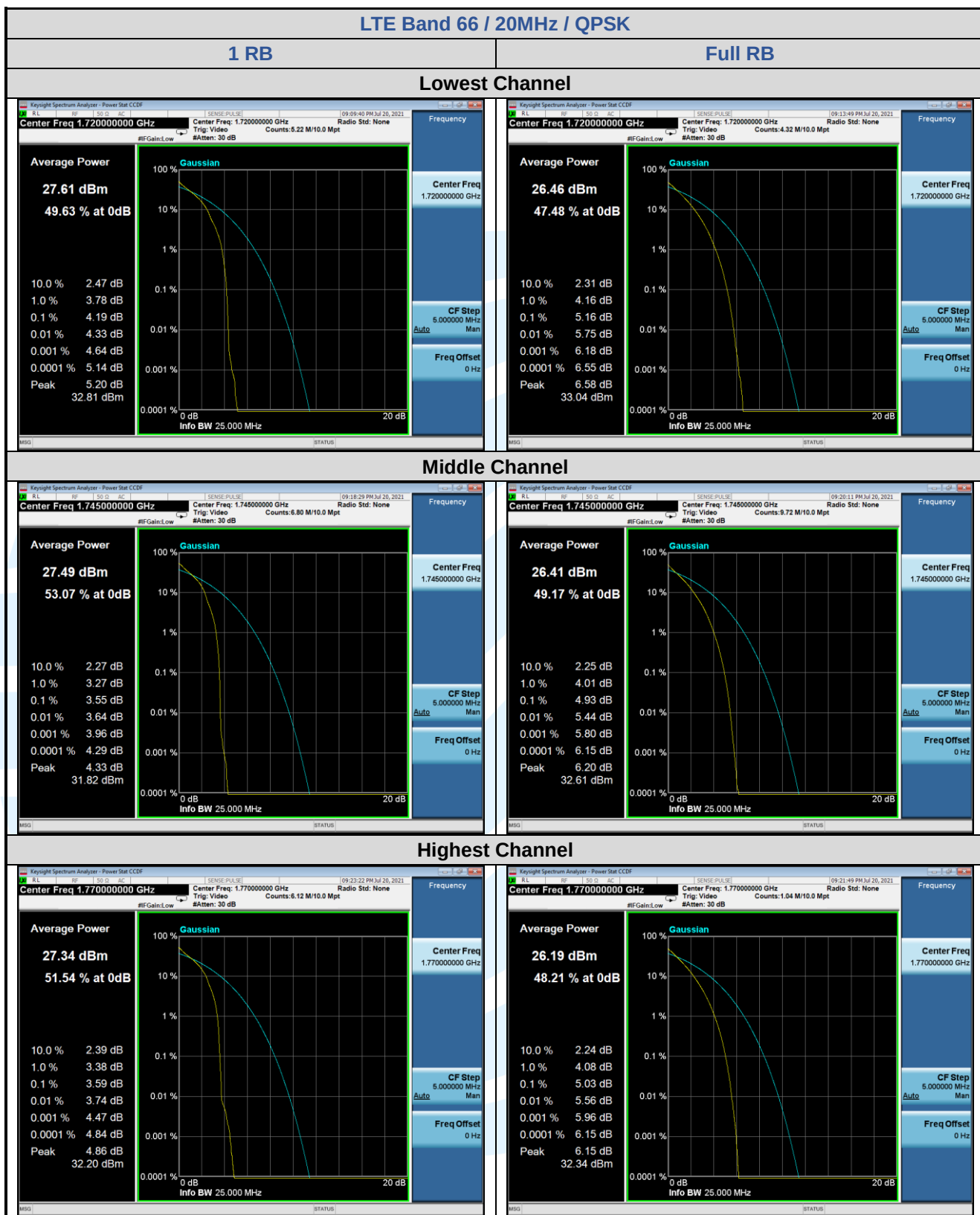
LTE Band 17 Peak-to-average ratio (dB)						
Channel	RB Configuration	Channel Bandwidth: 10 MHz			Limit (dB)	Result
		QPSK	16QAM	64QAM		
Lowest	1 RB	5.29	6.37	/	13	Pass
	Full RB	5.78	6.55	/	13	Pass
Middle	1 RB	5.05	6.04	/	13	Pass
	Full RB	5.73	6.53	/	13	Pass
Highest	1 RB	4.62	5.66	/	13	Pass
	Full RB	5.80	6.48	/	13	Pass

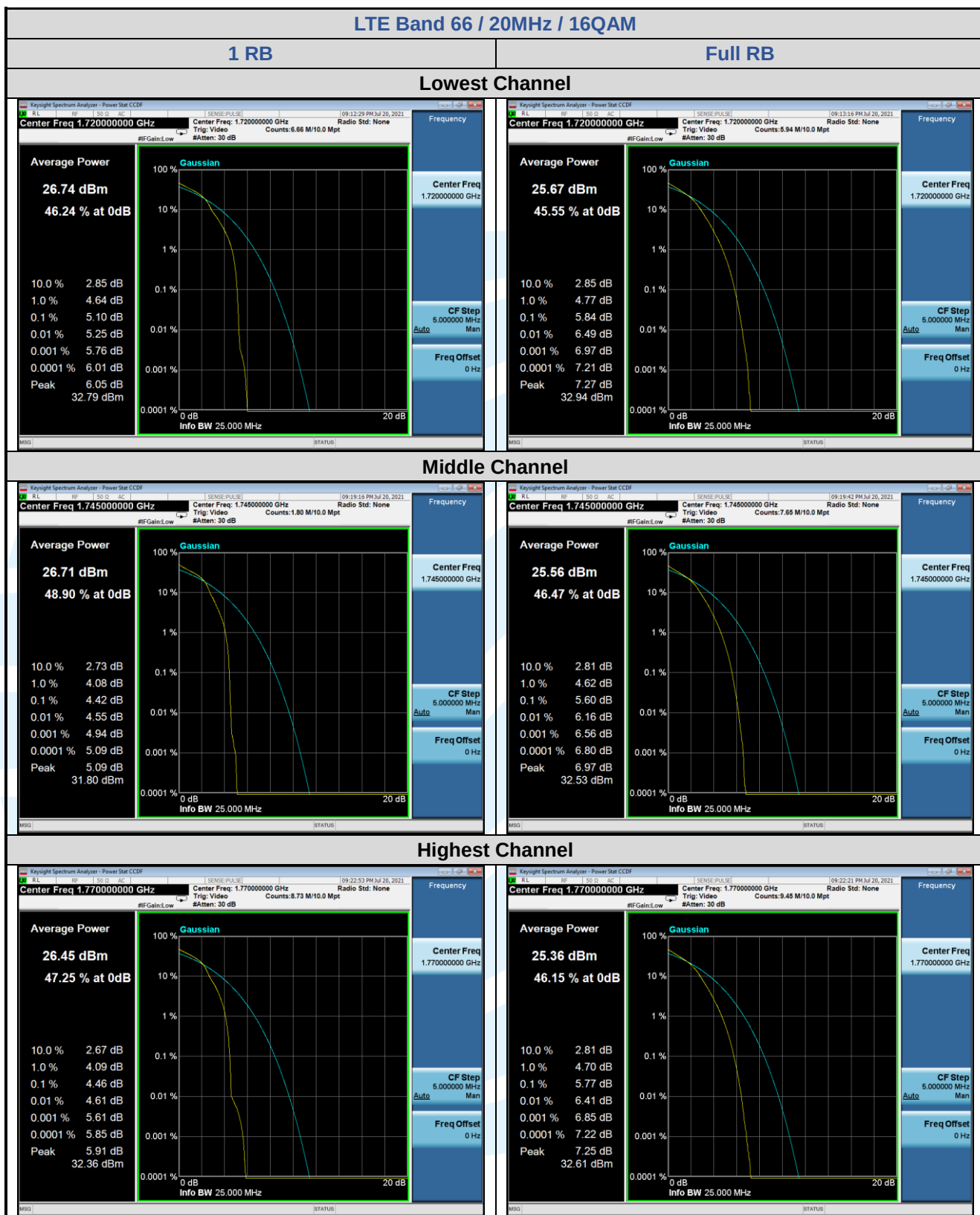




5.4.7 LTE Band 66

LTE Band 66 Peak-to-average ratio (dB)						
Channel	RB Configuration	Channel Bandwidth: 20 MHz			Limit (dB)	Result
		QPSK	16QAM	64QAM		
Lowest	1 RB	4.19	5.10	/	13	Pass
	Full RB	5.16	5.84	/	13	Pass
Middle	1 RB	3.55	4.42	/	13	Pass
	Full RB	4.93	5.60	/	13	Pass
Highest	1 RB	3.59	4.46	/	13	Pass
	Full RB	5.03	5.77	/	13	Pass





5.5 99%&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
Channel Bandwidth: 1.4 MHz								
Lowest	6	0	1.269	1.272	/	1.0992	1.1000	/
Middle	6	0	1.253	1.259	/	1.1038	1.1045	/
Highest	6	0	1.294	1.272	/	1.1094	1.1152	/
Channel Bandwidth: 3 MHz								
Lowest	15	0	3.061	3.051	/	2.7276	2.7216	/
Middle	15	0	3.067	3.080	/	2.7244	2.7257	/
Highest	15	0	3.066	3.061	/	2.7334	2.7270	/
Channel Bandwidth: 5 MHz								
Lowest	25	0	5.000	5.010	/	4.5180	4.5360	/
Middle	25	0	4.979	5.020	/	4.5050	4.5360	/
Highest	25	0	4.996	5.002	/	4.5385	4.5077	/
Channel Bandwidth: 10 MHz								
Lowest	50	0	9.905	9.962	/	8.9840	9.0256	/
Middle	50	0	9.966	9.920	/	9.0267	9.0040	/
Highest	50	0	9.896	9.956	/	8.9995	9.0210	/
Channel Bandwidth: 15 MHz								
Lowest	75	0	14.93	14.97	/	13.489	13.522	/
Middle	75	0	15.02	14.95	/	13.505	13.516	/
Highest	75	0	15.03	15.08	/	13.559	13.545	/
Channel Bandwidth: 20 MHz								
Lowest	100	0	19.77	19.93	/	18.018	18.052	/
Middle	100	0	19.91	19.86	/	18.031	18.031	/
Highest	100	0	21.91	21.92	/	18.091	18.152	/

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