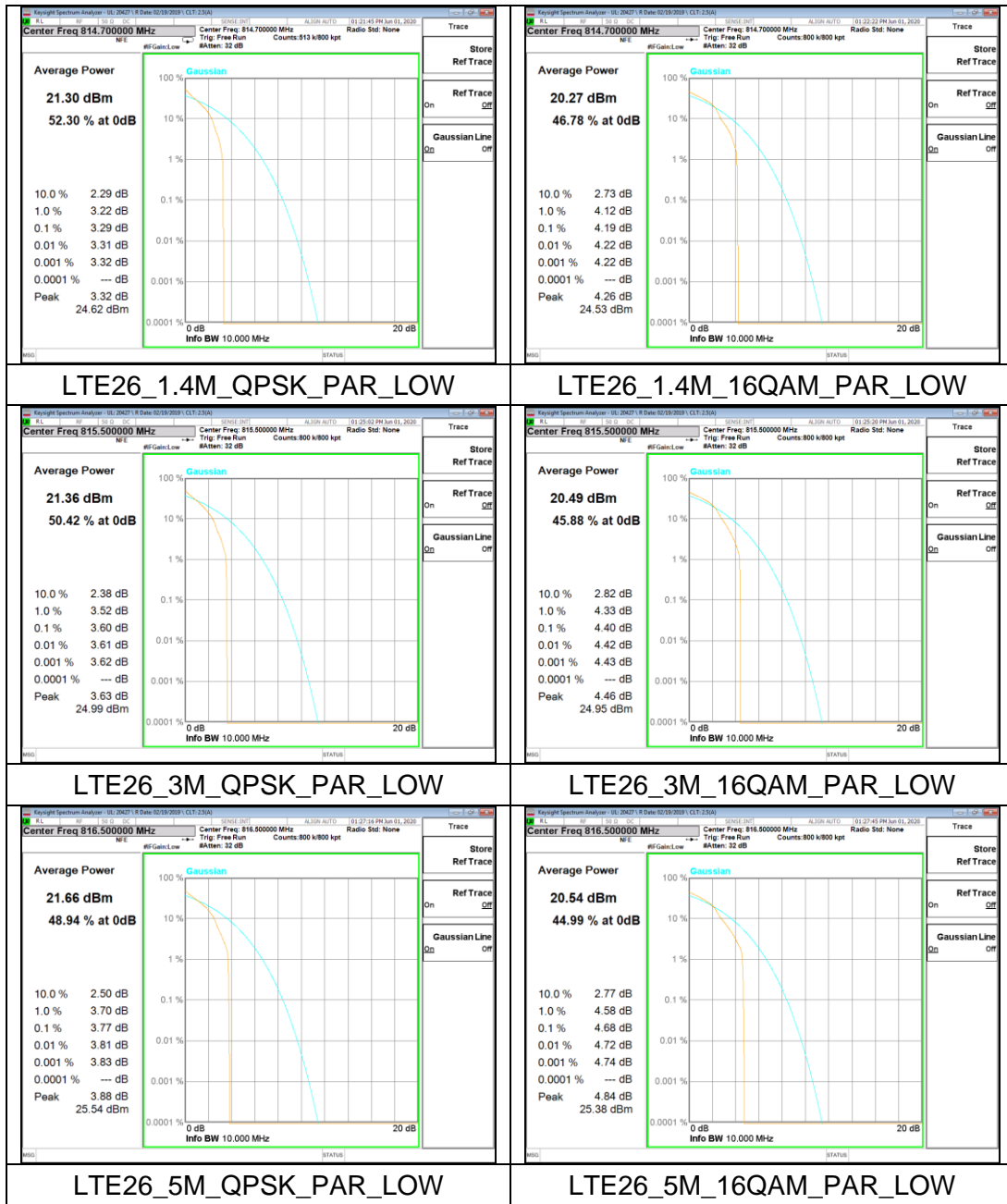
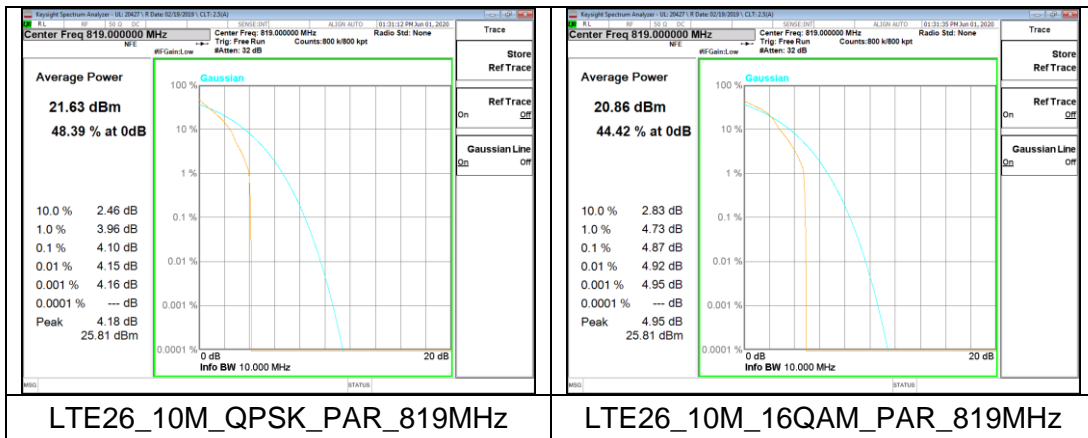


LTE Band 26

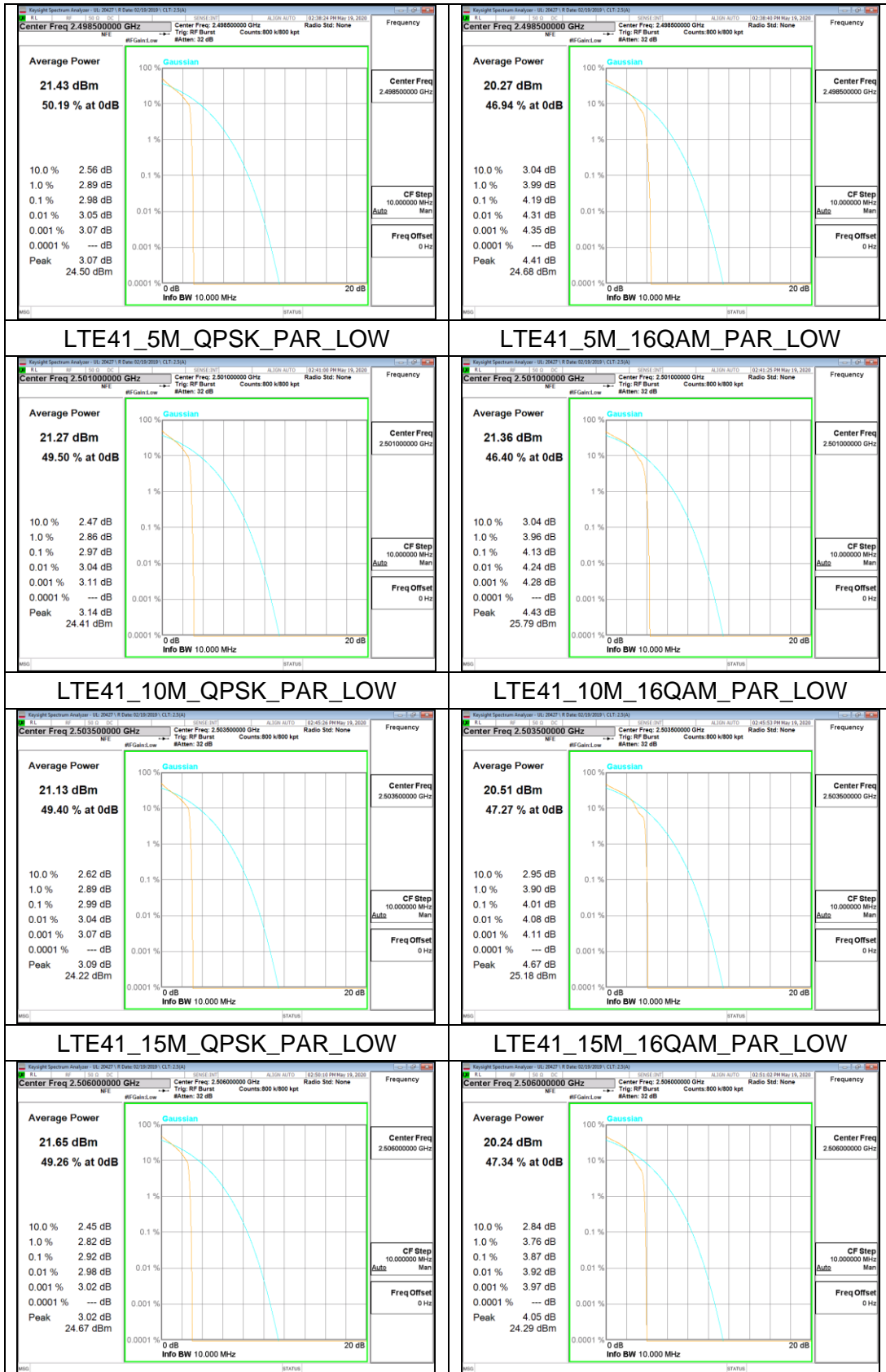




LTE26_10M_QPSK_PAR_819MHz

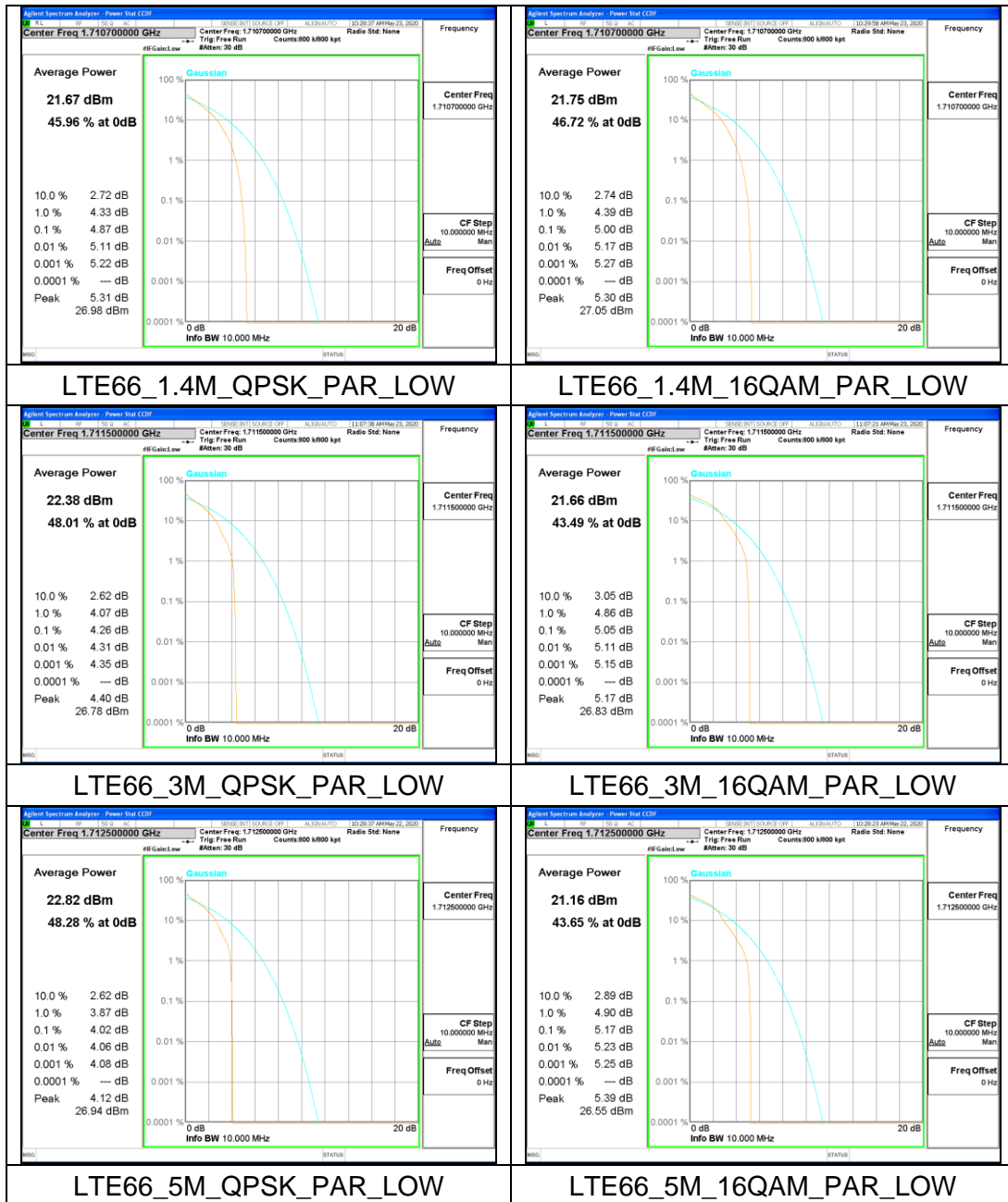
LTE26_10M_16QAM_PAR_819MHz

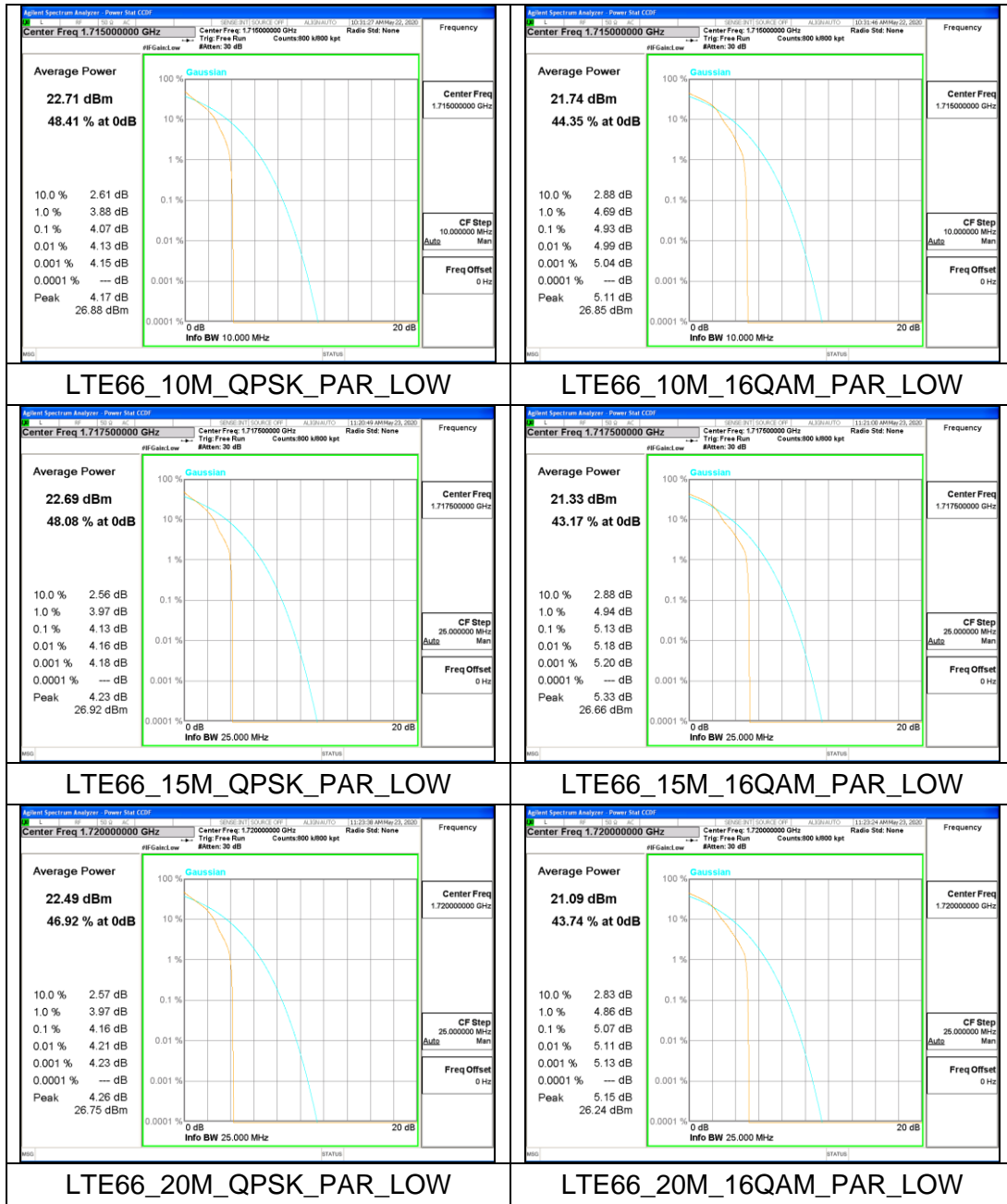
LTE Band 41



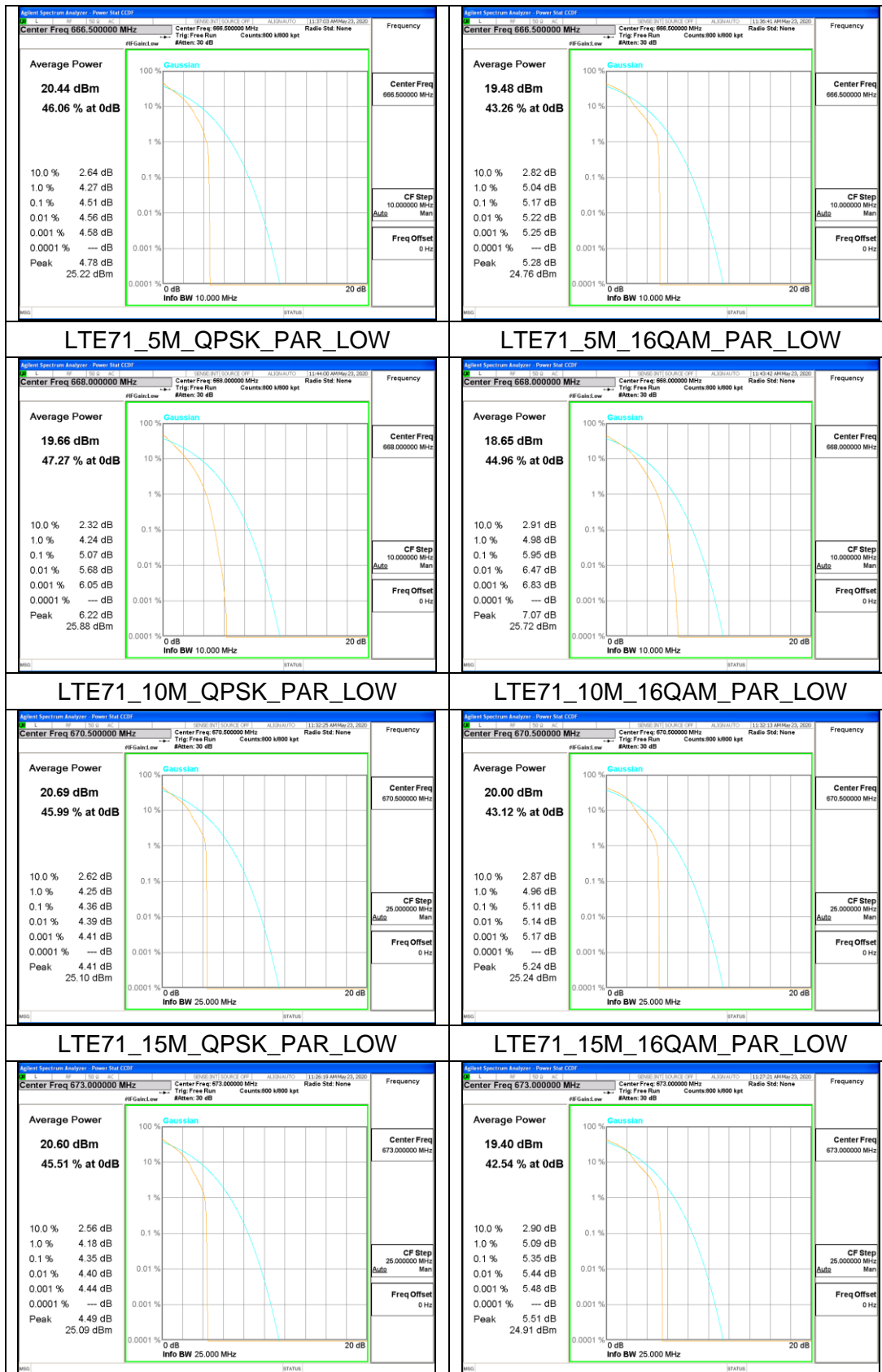
LTE41_20M_QPSK_PAR_LOW	LTE41_20M_16QAM_PAR_LOW
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LTE Band 66





LTE Band 71



LTE71_20M_QPSK_PAR_LOW	LTE71_20M_16QAM_PAR_LOW
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6.3 OCCUPIED BANDWIDTH

RULE PART(S)

FCC: §2.1049.

LIMITS

For reporting purposes only.

TEST PROCEDURE

KDB 971168 D01 Power Meas License Digital Systems v03r01.

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 -26dB bandwidth was also measured and recorded.

RESULTS

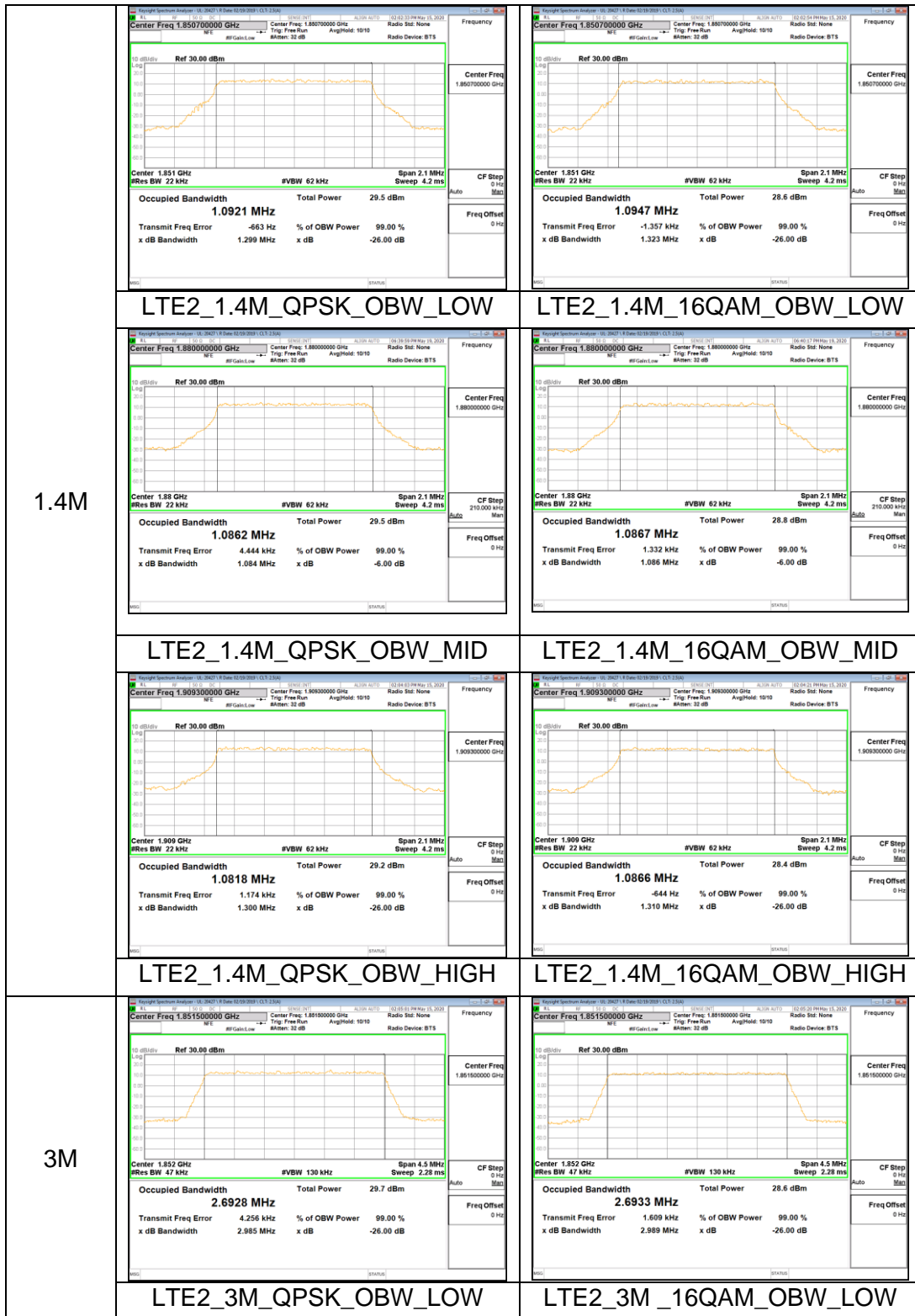
See the following pages.

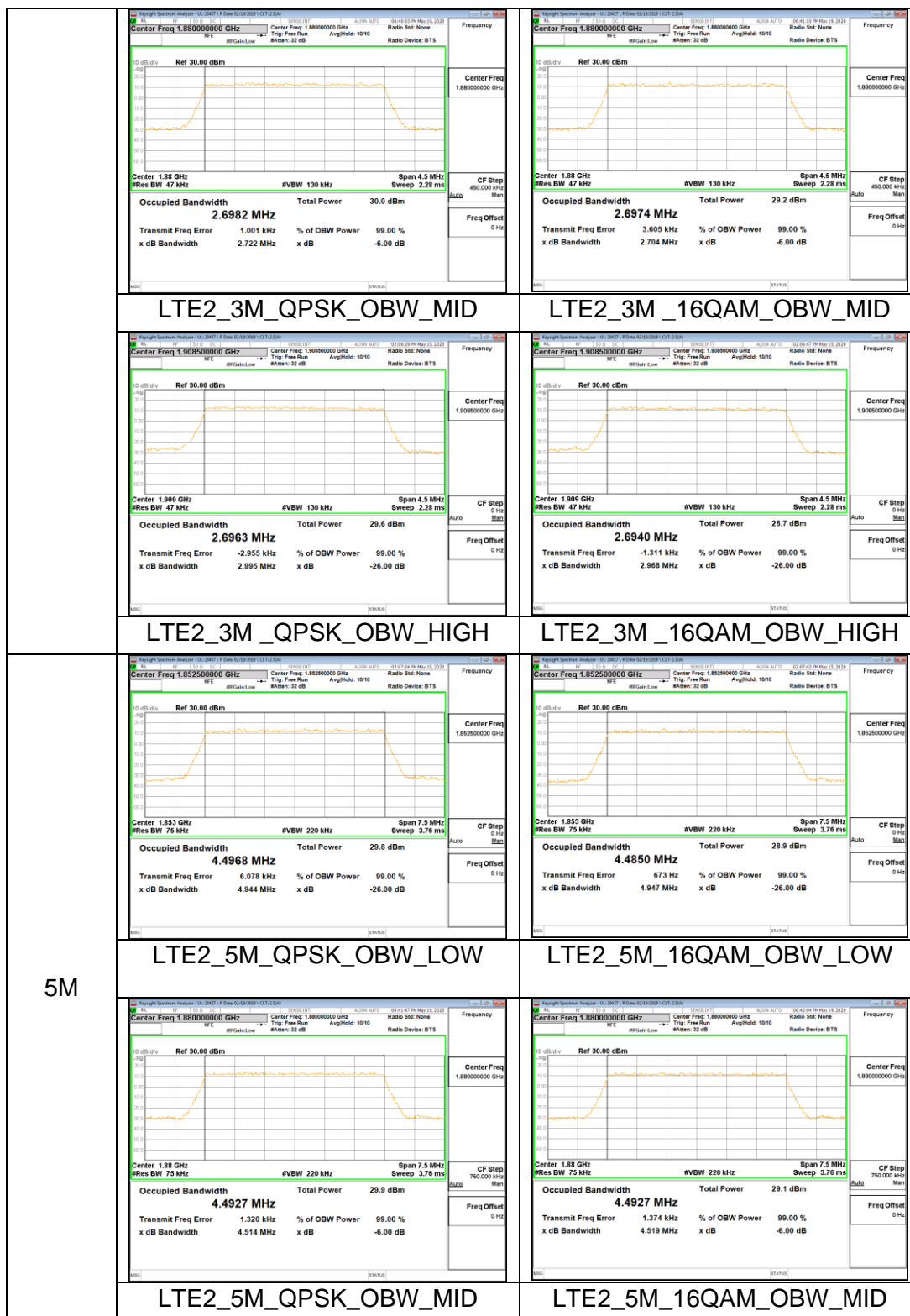
LTE Band	Bandwidth (MHz)	Channel	Modulation	The Maximum Measured OBW
2	1.4	LOW	QPSK	1.0921
		LOW	16QAM	1.0947
	3	MID	QPSK	2.6982
		MID	16QAM	2.6974
	5	LOW	QPSK	4.4968
		MID	16QAM	4.4927
	10	LOW	QPSK	8.9668
		LOW	16QAM	8.9668
	15	MID	QPSK	13.404
		MID	16QAM	13.409
20	LOW	QPSK	17.831	
	LOW	16QAM	17.856	
LTE Band	Bandwidth (MHz)	Channel	Modulation	The Maximum Measured OBW
4	1.4	MID	QPSK	1.0992
		LOW	16QAM	1.0963
	3	HIGH	QPSK	2.6998
		HIGH	16QAM	2.6968
	5	MID	QPSK	4.5068
		MID	16QAM	4.4987
	10	LOW	QPSK	8.9780
		MID	16QAM	8.9736
	15	MID	QPSK	13.416
		MID	16QAM	13.437
20	MID	QPSK	17.877	
	MID	16QAM	17.850	
LTE Band	Bandwidth (MHz)	Channel	Modulation	The Maximum Measured OBW
5	1.4	MID	QPSK	1.0984
		LOW	16QAM	1.0921
	3	LOW	QPSK	2.6980
		MID	16QAM	2.6988
	5	MID	QPSK	4.5092
		MID	16QAM	4.5092
	10	LOW	QPSK	8.9815
		LOW	16QAM	8.9768
LTE Band	Bandwidth (MHz)	Channel	Modulation	The Maximum Measured OBW
12	1.4	MID	QPSK	1.0975
		LOW	16QAM	1.0925
	3	HIGH	QPSK	2.6990

	5	LOW	16QAM	2.7000
		MID	QPSK	4.5033
		LOW	16QAM	4.4761
	10	MID	QPSK	8.9687
		MID	16QAM	8.9779
LTE Band	Bandwidth (MHz)	Channel	Modulation	The Maximum Measured OBW
13	5	MID	QPSK	4.5266
		MID	16QAM	4.5067
	10	MID	QPSK	8.9898
		MID	16QAM	8.9944
LTE Band	Bandwidth (MHz)	Channel	Modulation	The Maximum Measured OBW
25	1.4	MID	QPSK	1.0987
		LOW	16QAM	1.0940
	3	MID	QPSK	2.6982
		MID	16QAM	2.6974
	5	LOW	QPSK	4.4968
		MID	16QAM	4.4927
	10	LOW	QPSK	8.9668
		LOW	16QAM	8.9668
	15	MID	QPSK	13.404
		MID	16QAM	13.409
	20	LOW	QPSK	17.831
		LOW	16QAM	17.856
LTE Band	Bandwidth (MHz)	Channel	Modulation	The Maximum Measured OBW
26	1.4	HIGH	QPSK	1.0972
		MID	16QAM	1.0939
	3	LOW	QPSK	2.6982
		HIGH	16QAM	2.6968
	5	MID	QPSK	4.5249
		MID	16QAM	4.4980
	10	LOW	QPSK	8.9698
		LOW	16QAM	8.9938
LTE Band	Bandwidth (MHz)	Channel	Modulation	The Maximum Measured OBW
41	5	MID	QPSK	4.5043
		LOW	16QAM	4.4910
	10	LOW	QPSK	8.9927
		LOW	16QAM	8.9871
	15	MID	QPSK	13.438
		MID	16QAM	13.449
20	MID	QPSK	17.872	

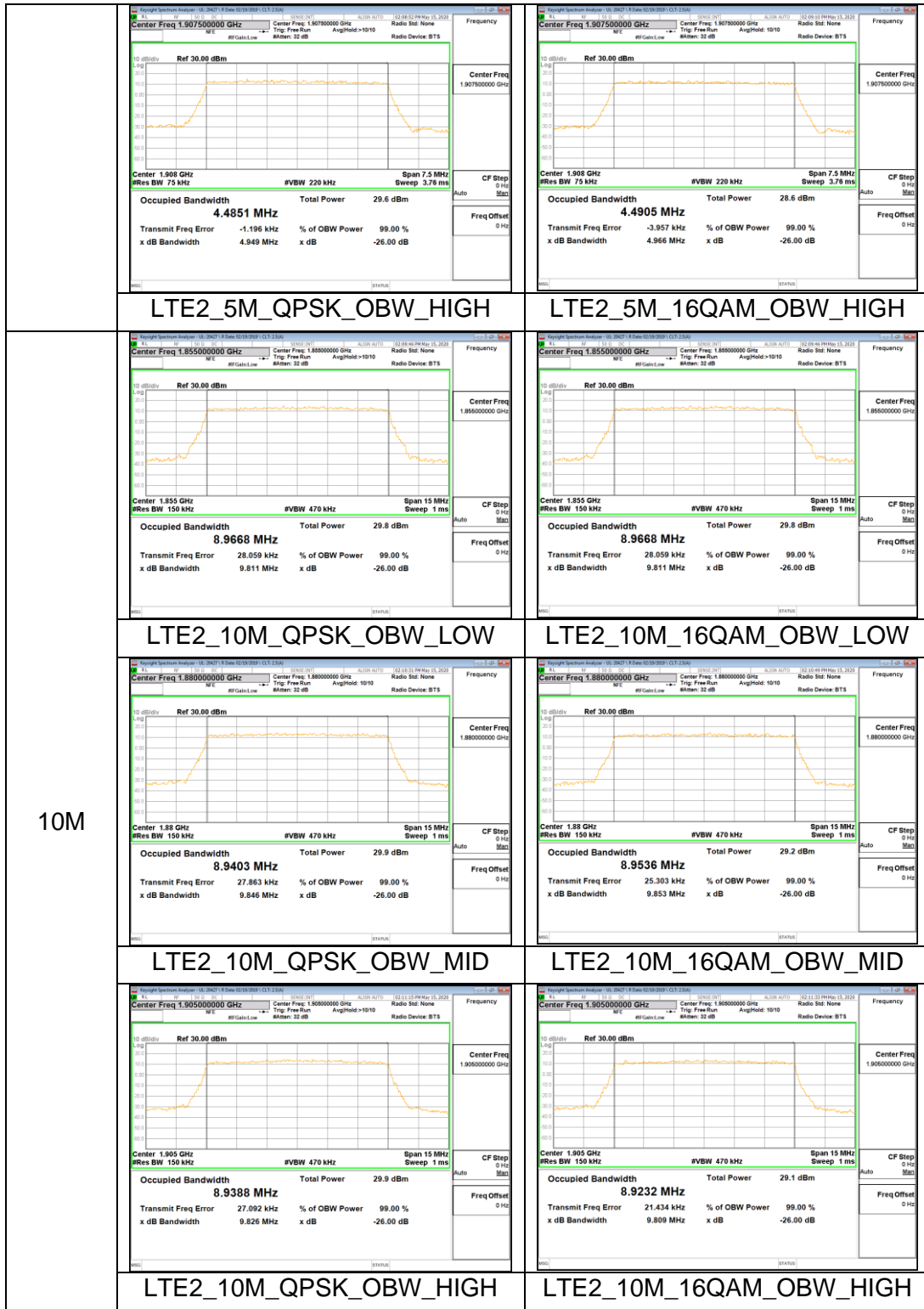
LTE Band	Bandwidth (MHz)	Channel	Modulation	The Maximum Measured OBW
66	1.4	HIGH	16QAM	17.886
		LOW	QPSK	1.0860
	3	LOW	16QAM	1.0912
		MID	QPSK	2.6920
	5	MID	16QAM	2.6918
		LOW	QPSK	4.5316
	10	LOW	16QAM	4.5030
		LOW	QPSK	8.9723
	15	HIGH	16QAM	8.9639
		MID	QPSK	13.383
	20	LOW	16QAM	13.392
		LOW	QPSK	17.841
	20	MID	16QAM	17.841
		LTE Band	Bandwidth (MHz)	Channel
71	5	HIGH	QPSK	4.5252
		MID	16QAM	4.5046
	10	MID	QPSK	8.9427
		HIGH	16QAM	8.9471
	15	HIGH	QPSK	13.407
		MID	16QAM	13.397
	20	MID	QPSK	17.863
		MID	16QAM	17.843

LTE Band 2

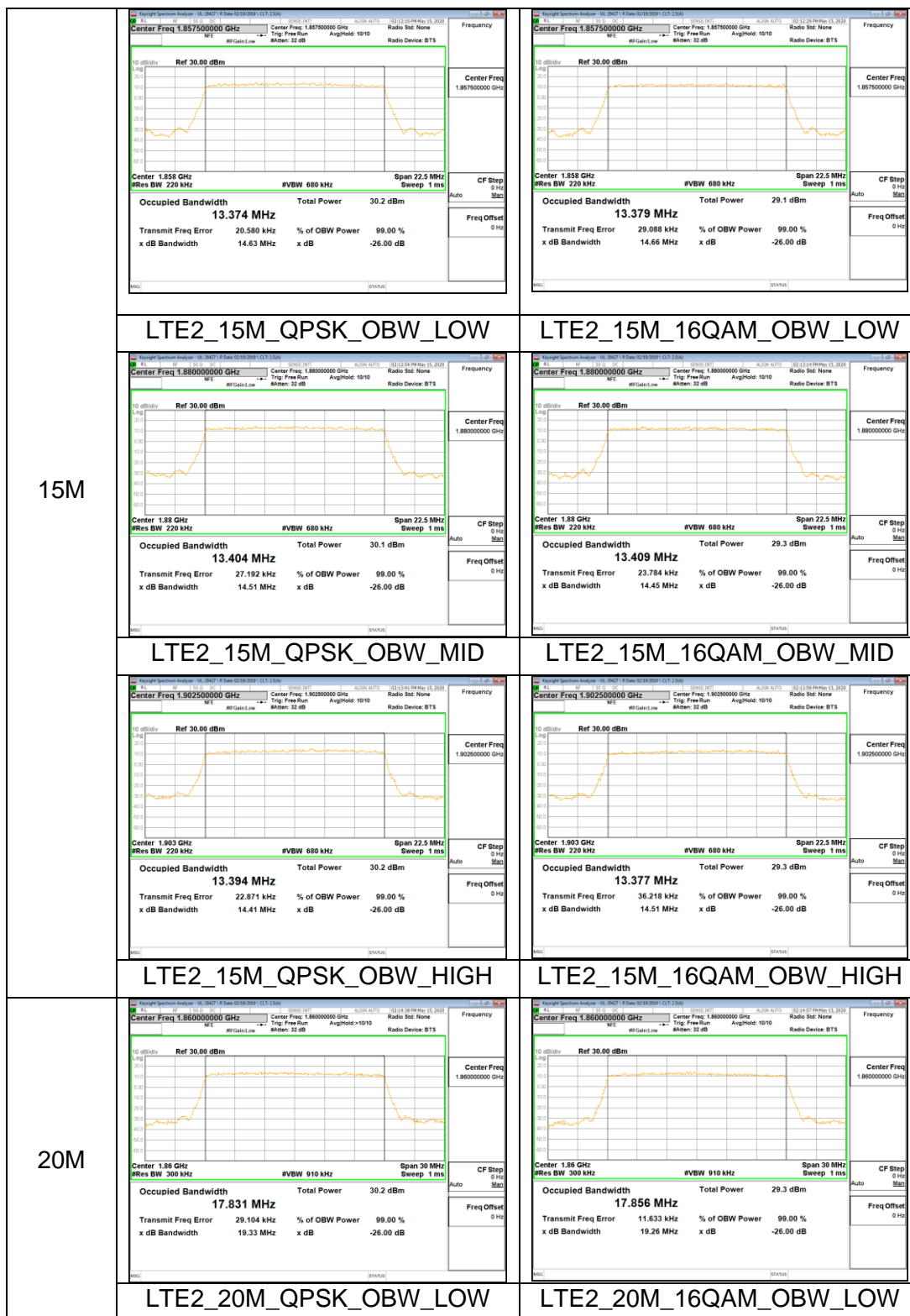


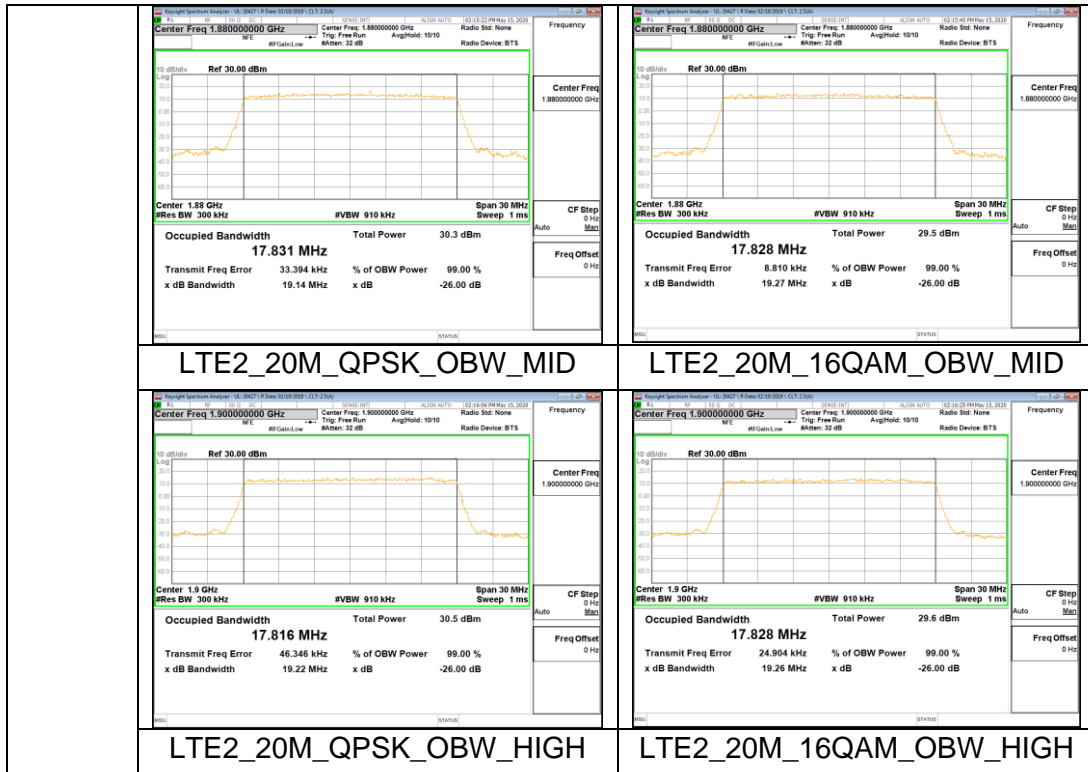


5M

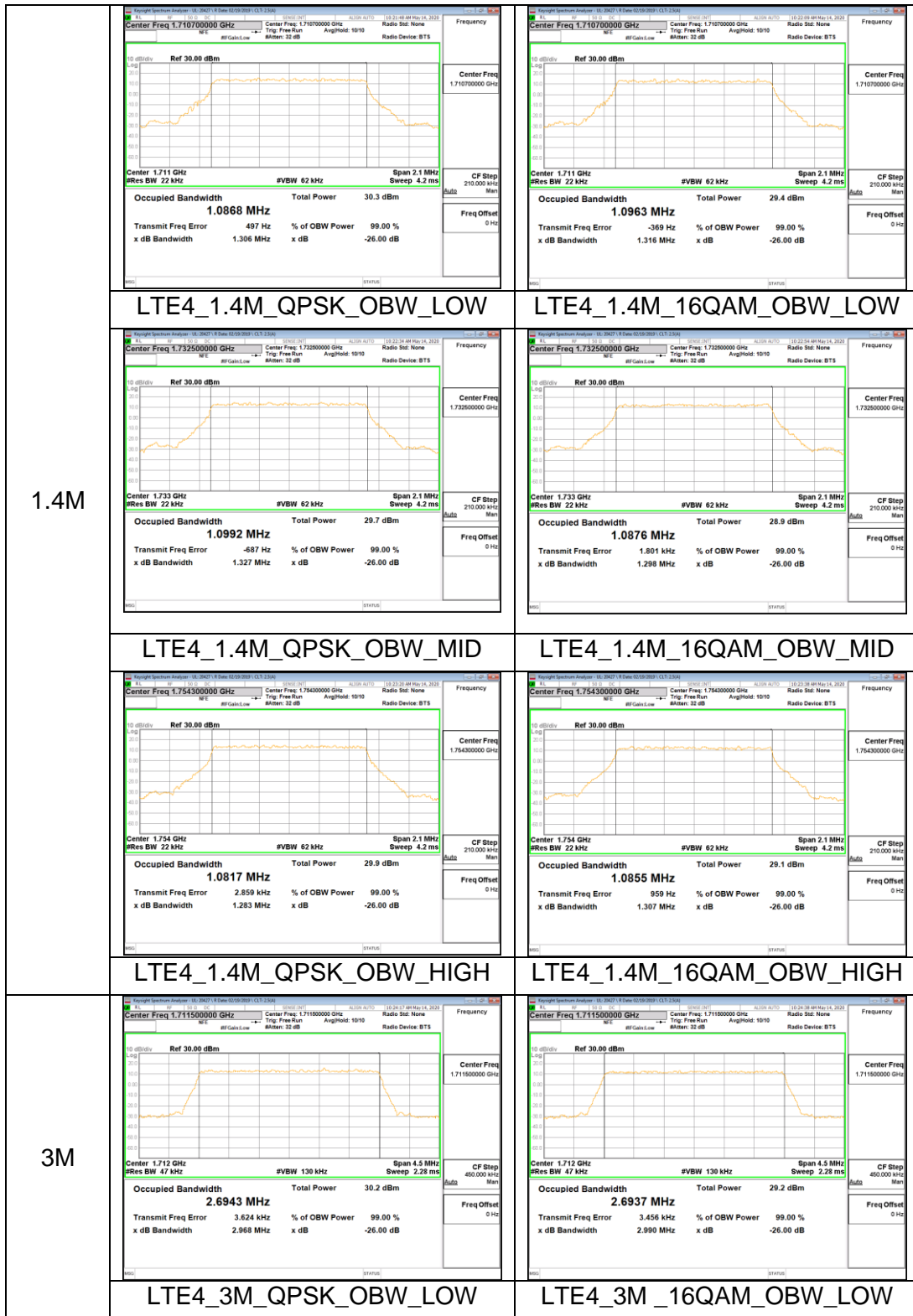


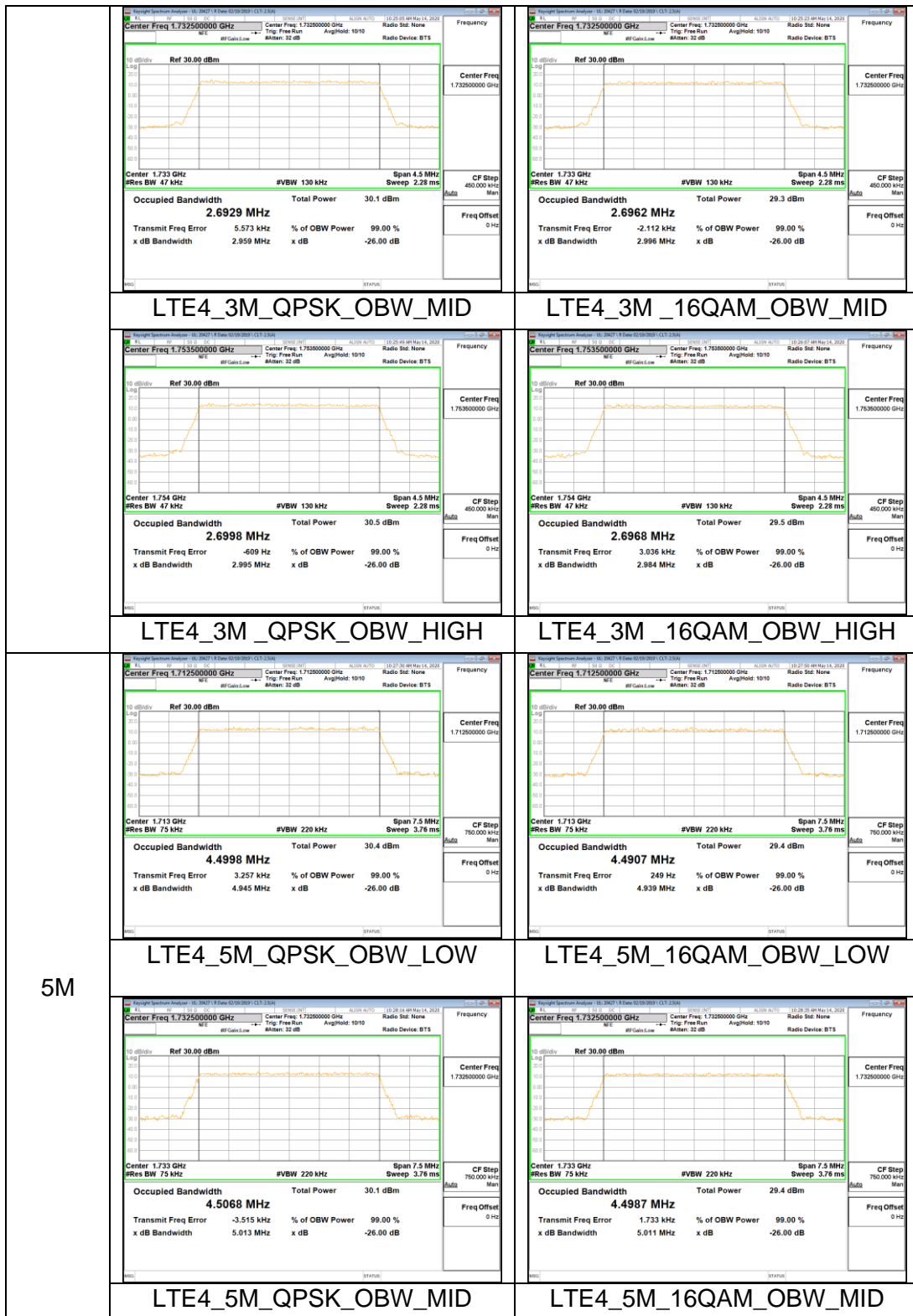
10M

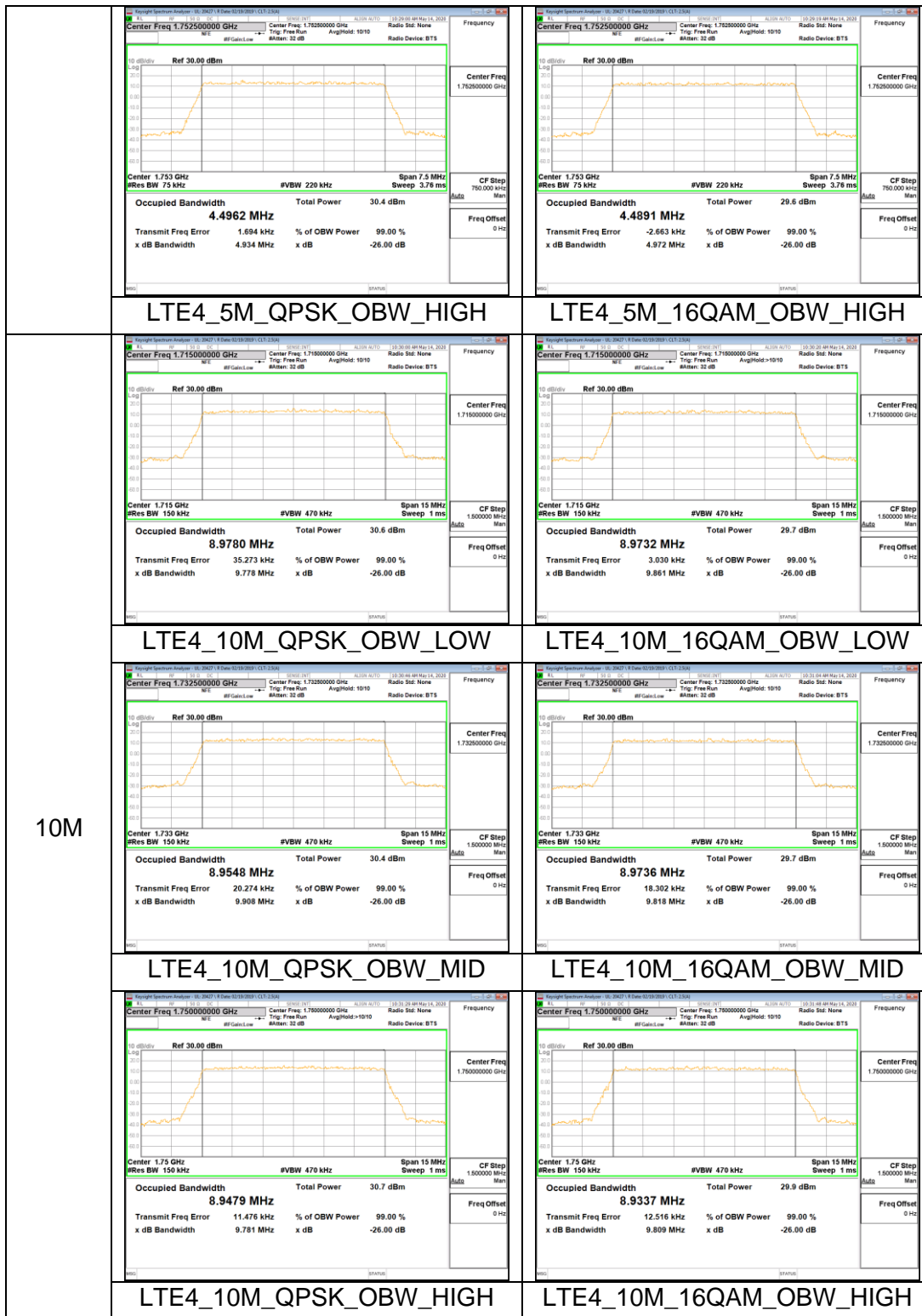




LTE Band 4







10M

