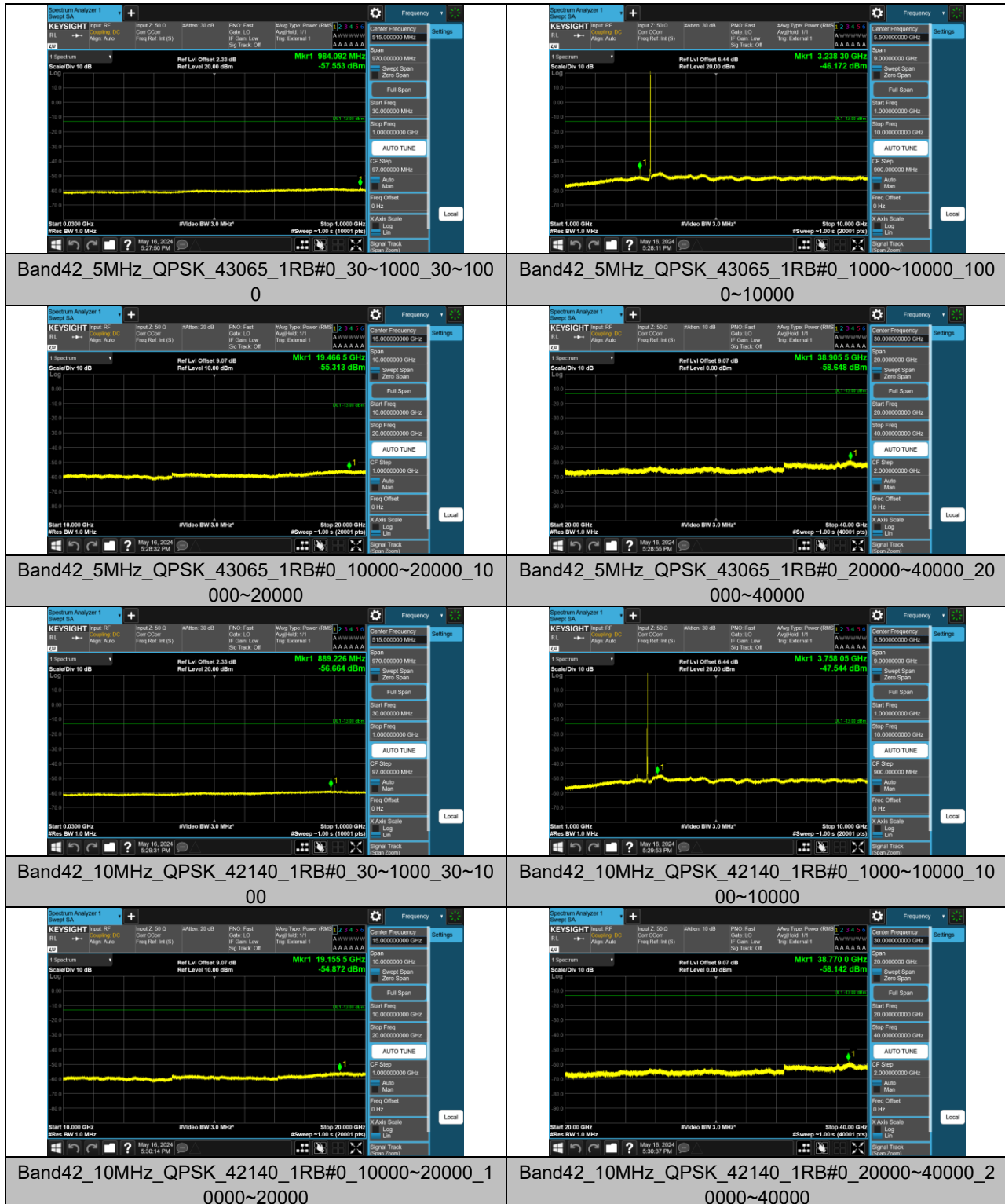
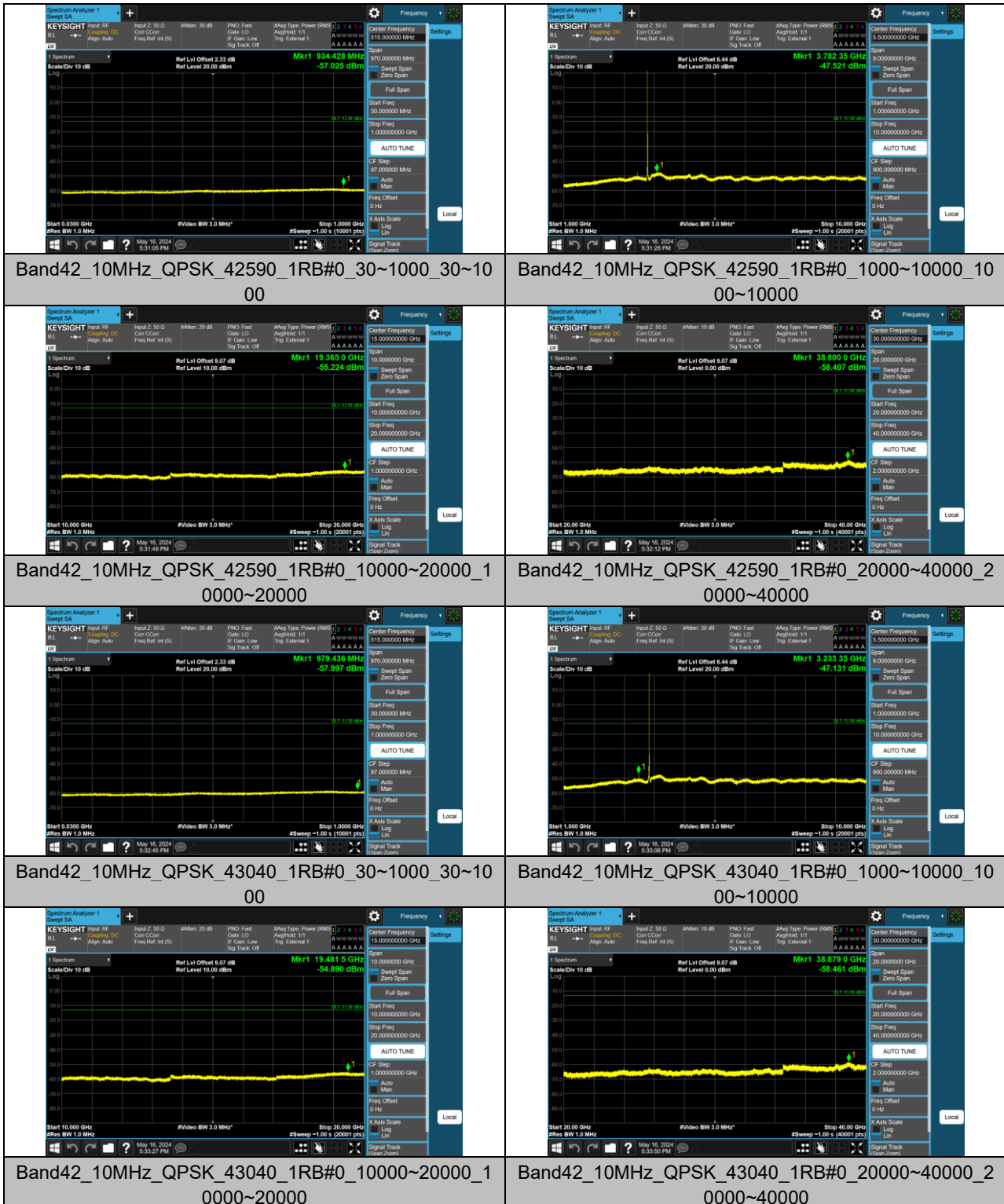
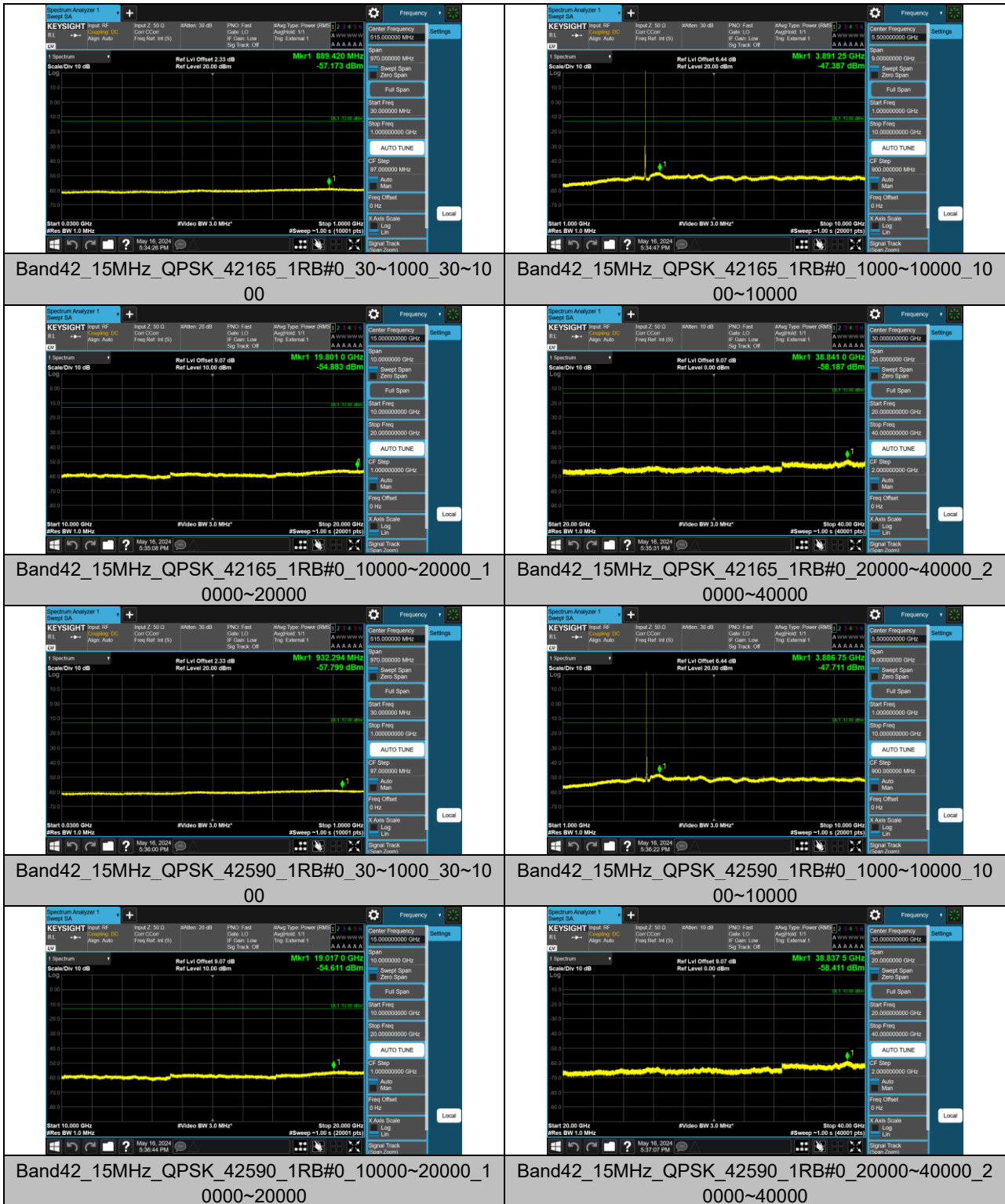
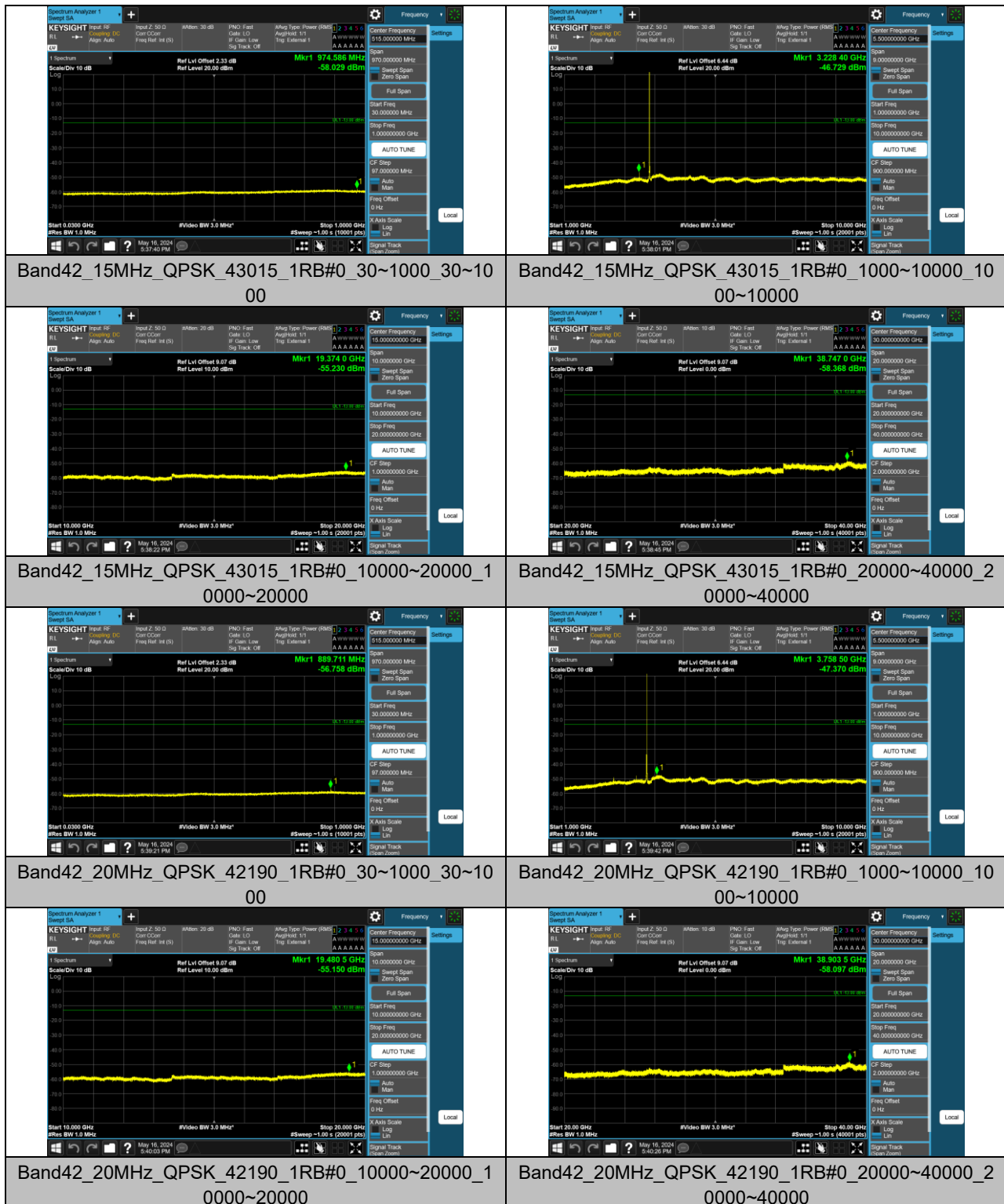
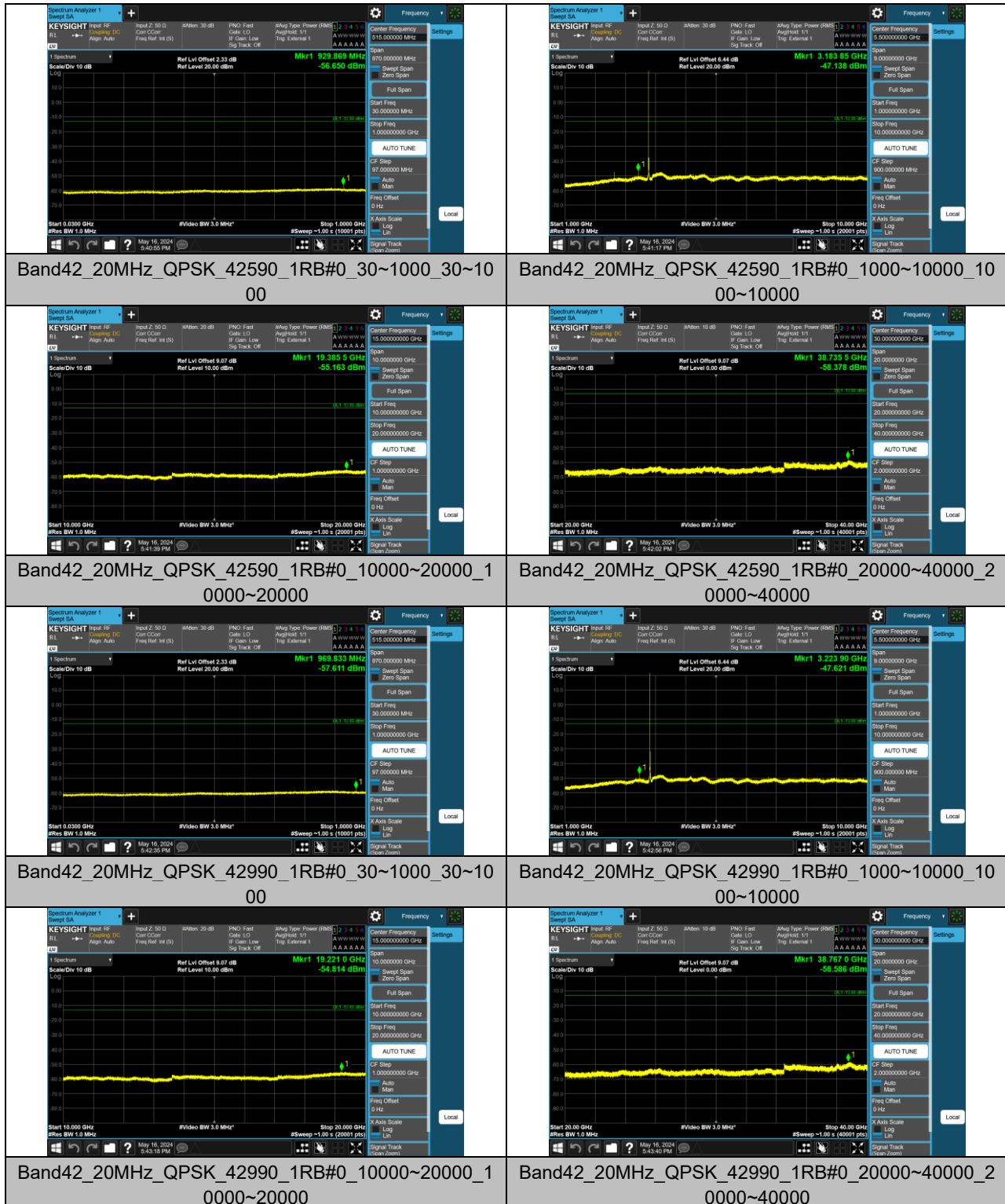












FREQUENCY STABILITY TEST RESULT

Voltage												
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
42(34 50-35 50)	10MHz	QPSK	42140	50RB #0	VN	NT	4080.00	1.18	3450.53468	--	3450-3550	PASS
42(34 50-35 50)	10MHz	QPSK	42140	50RB #0	VL	NT	5540.00	1.60	3450.53519	--	3450-3550	PASS
42(34 50-35 50)	10MHz	QPSK	42140	50RB #0	VH	NT	3720.00	1.08	3450.53507	--	3450-3550	PASS
42(34 50-35 50)	10MHz	QPSK	43040	50RB #0	VN	NT	4010.00	1.13	--	3549.48136	3450-3550	PASS
42(34 50-35 50)	10MHz	QPSK	43040	50RB #0	VL	NT	3630.00	1.02	--	3549.48268	3450-3550	PASS
42(34 50-35 50)	10MHz	QPSK	43040	50RB #0	VH	NT	2200.00	0.62	--	3549.48005	3450-3550	PASS

Temperature												
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
42(34 50-35 50)	10MHz	QPSK	42140	50RB #0	NV	-30	3850.00	1.11	3450.5349	--	3450-3550	PASS
42(34 50-35 50)	10MHz	QPSK	42140	50RB #0	NV	-20	4100.00	1.19	3450.53535	--	3450-3550	PASS
42(34 50-35 50)	10MHz	QPSK	42140	50RB #0	NV	-10	2660.00	0.77	3450.53386	--	3450-3550	PASS
42(34 50-35 50)	10MHz	QPSK	42140	50RB #0	NV	0	3870.00	1.12	3450.53502	--	3450-3550	PASS
42(34 50-35 50)	10MHz	QPSK	42140	50RB #0	NV	10	5270.00	1.53	3450.53482	--	3450-3550	PASS
42(34 50-35 50)	10MHz	QPSK	42140	50RB #0	NV	20	3320.00	0.96	3450.53392	--	3450-3550	PASS
42(34 50-35 50)	10MHz	QPSK	42140	50RB #0	NV	30	5830.00	1.69	3450.53548	--	3450-3550	PASS



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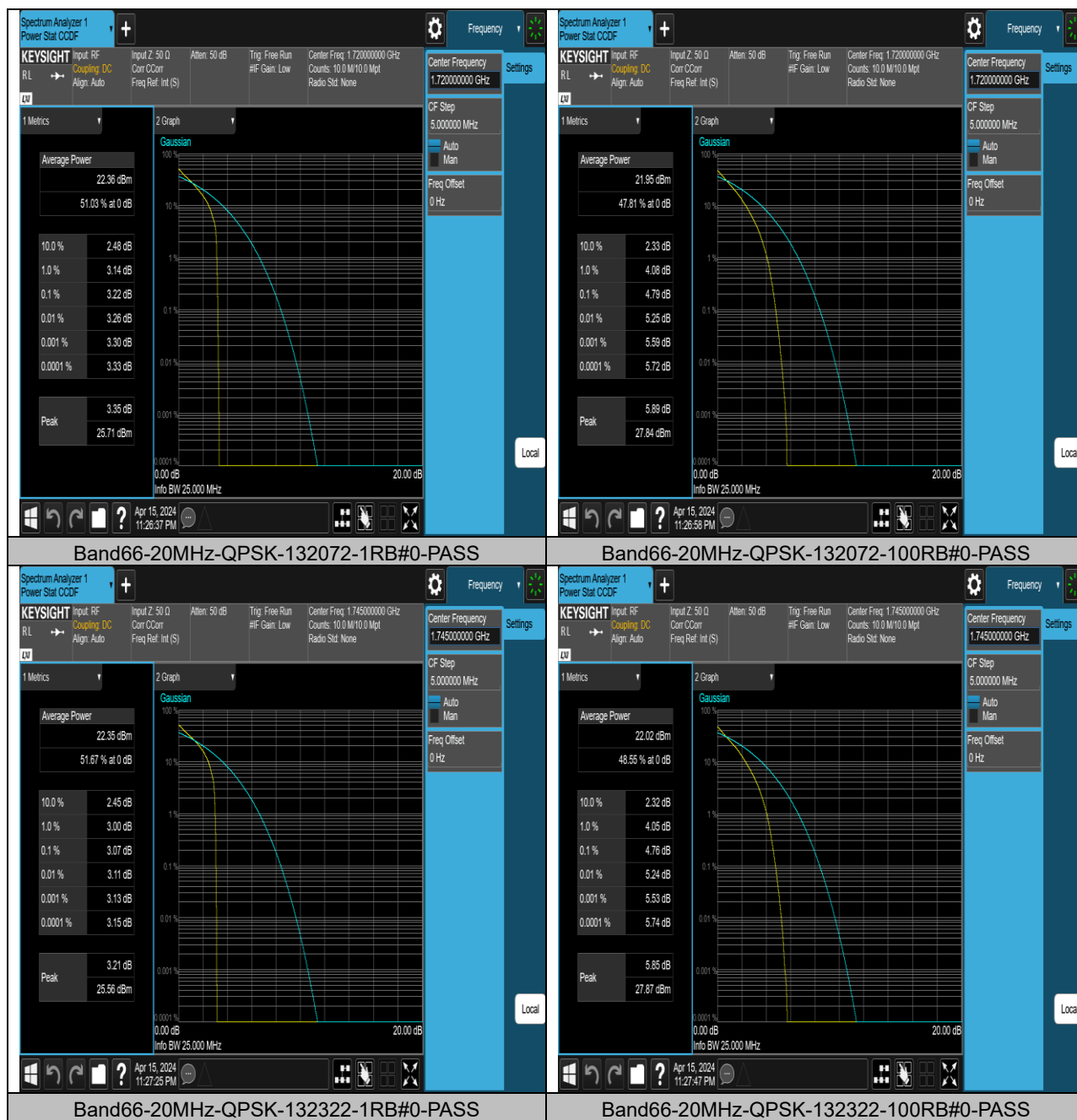
50)												
42(34 50-35 50)	10MH z	QPSK	42140	50RB #0	NV	40	5750. 00	1.67	3450. 5357	--	3450- 3550	PASS
42(34 50-35 50)	10MH z	QPSK	42140	50RB #0	NV	50	1640. 00	0.47	3450. 53449	--	3450- 3550	PASS
42(34 50-35 50)	10MH z	QPSK	43040	50RB #0	NV	-30	5410. 00	1.53	--	3549. 48436	3450- 3550	PASS
42(34 50-35 50)	10MH z	QPSK	43040	50RB #0	NV	-20	2770. 00	0.78	--	3549. 48117	3450- 3550	PASS
42(34 50-35 50)	10MH z	QPSK	43040	50RB #0	NV	-10	4470. 00	1.26	--	3549. 48157	3450- 3550	PASS
42(34 50-35 50)	10MH z	QPSK	43040	50RB #0	NV	0	-620.0 0	-0.17	--	3549. 47418	3450- 3550	PASS
42(34 50-35 50)	10MH z	QPSK	43040	50RB #0	NV	10	1870. 00	0.53	--	3549. 48017	3450- 3550	PASS
42(34 50-35 50)	10MH z	QPSK	43040	50RB #0	NV	20	4130. 00	1.17	--	3549. 48063	3450- 3550	PASS
42(34 50-35 50)	10MH z	QPSK	43040	50RB #0	NV	30	2280. 00	0.64	--	3549. 47943	3450- 3550	PASS
42(34 50-35 50)	10MH z	QPSK	43040	50RB #0	NV	40	1030. 00	0.29	--	3549. 48028	3450- 3550	PASS
42(34 50-35 50)	10MH z	QPSK	43040	50RB #0	NV	50	4860. 00	1.37	--	3549. 48146	3450- 3550	PASS

LTE BAND 66 (INCLUDING LTE BAND4)

PEAK-TO-AVERAGE RATIO(CCDF) TEST RESULT

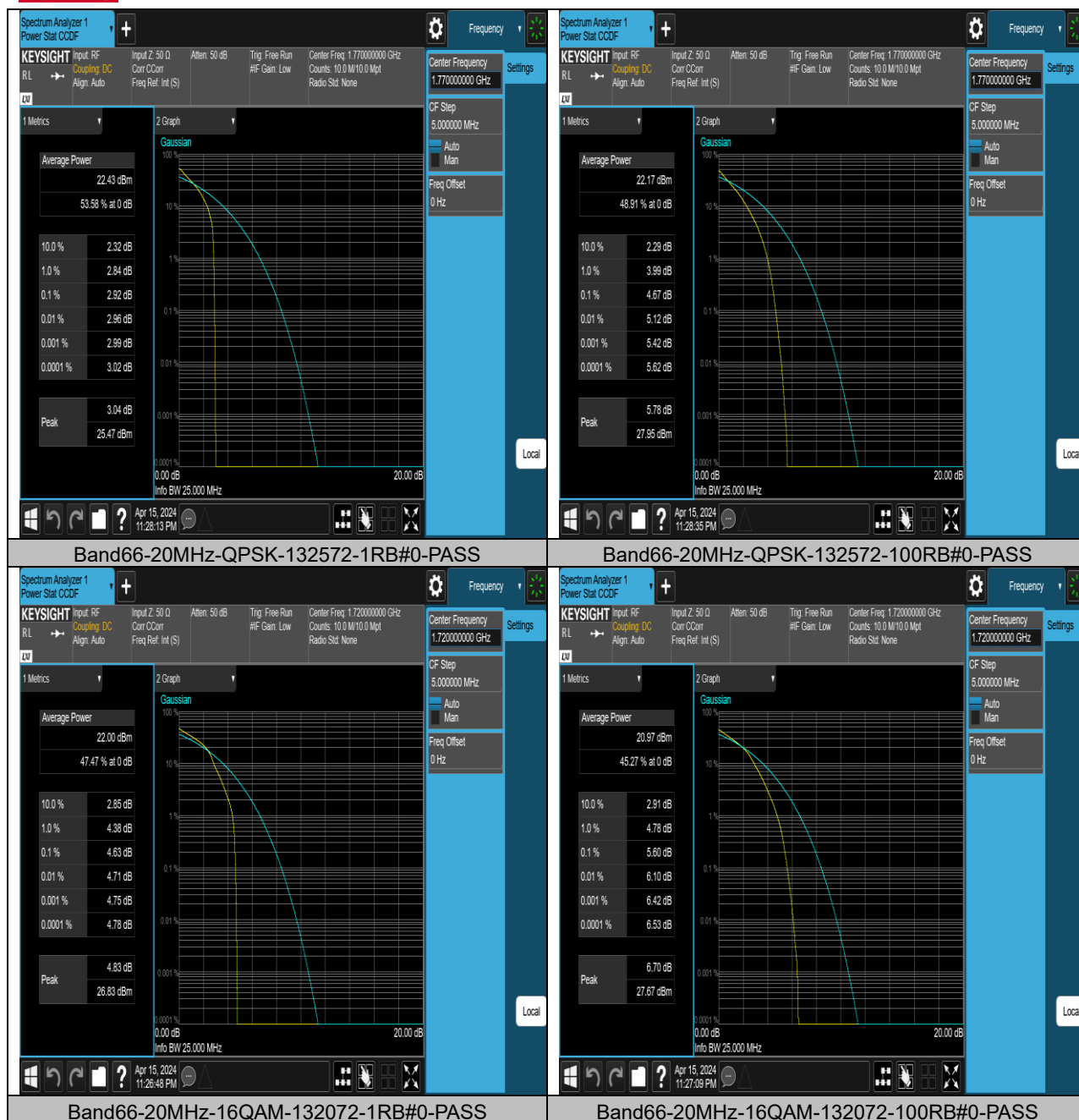
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band66	20MHz	QPSK	132072	1RB#0	3.22	13	PASS
Band66	20MHz	QPSK	132072	100RB#0	4.79	13	PASS
Band66	20MHz	QPSK	132322	1RB#0	3.07	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	4.76	13	PASS
Band66	20MHz	QPSK	132572	1RB#0	2.92	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	4.67	13	PASS
Band66	20MHz	16QAM	132072	1RB#0	4.63	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	5.60	13	PASS
Band66	20MHz	16QAM	132322	1RB#0	4.25	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	5.56	13	PASS
Band66	20MHz	16QAM	132572	1RB#0	4.54	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	5.50	13	PASS

TEST GRAPHS





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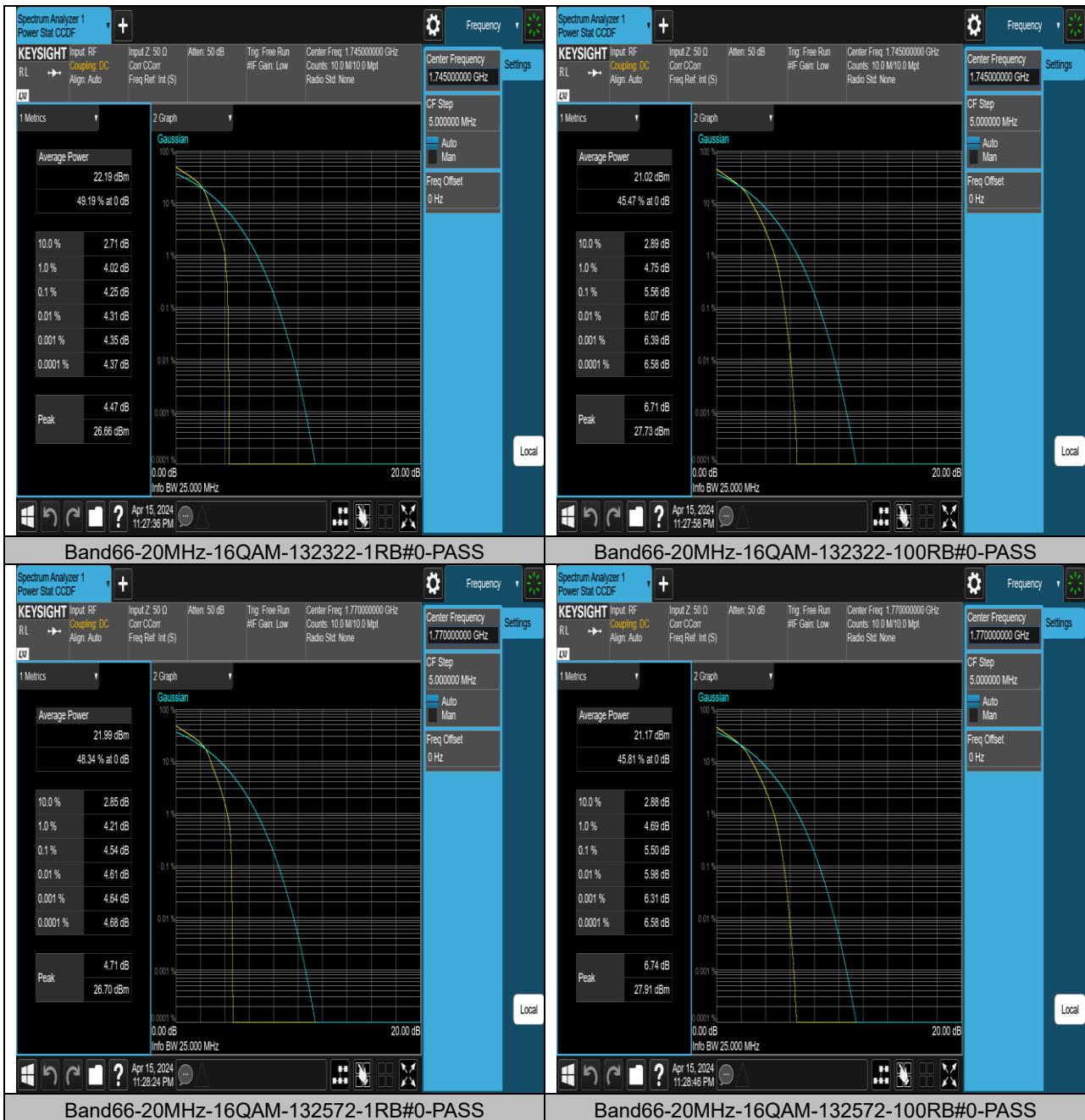
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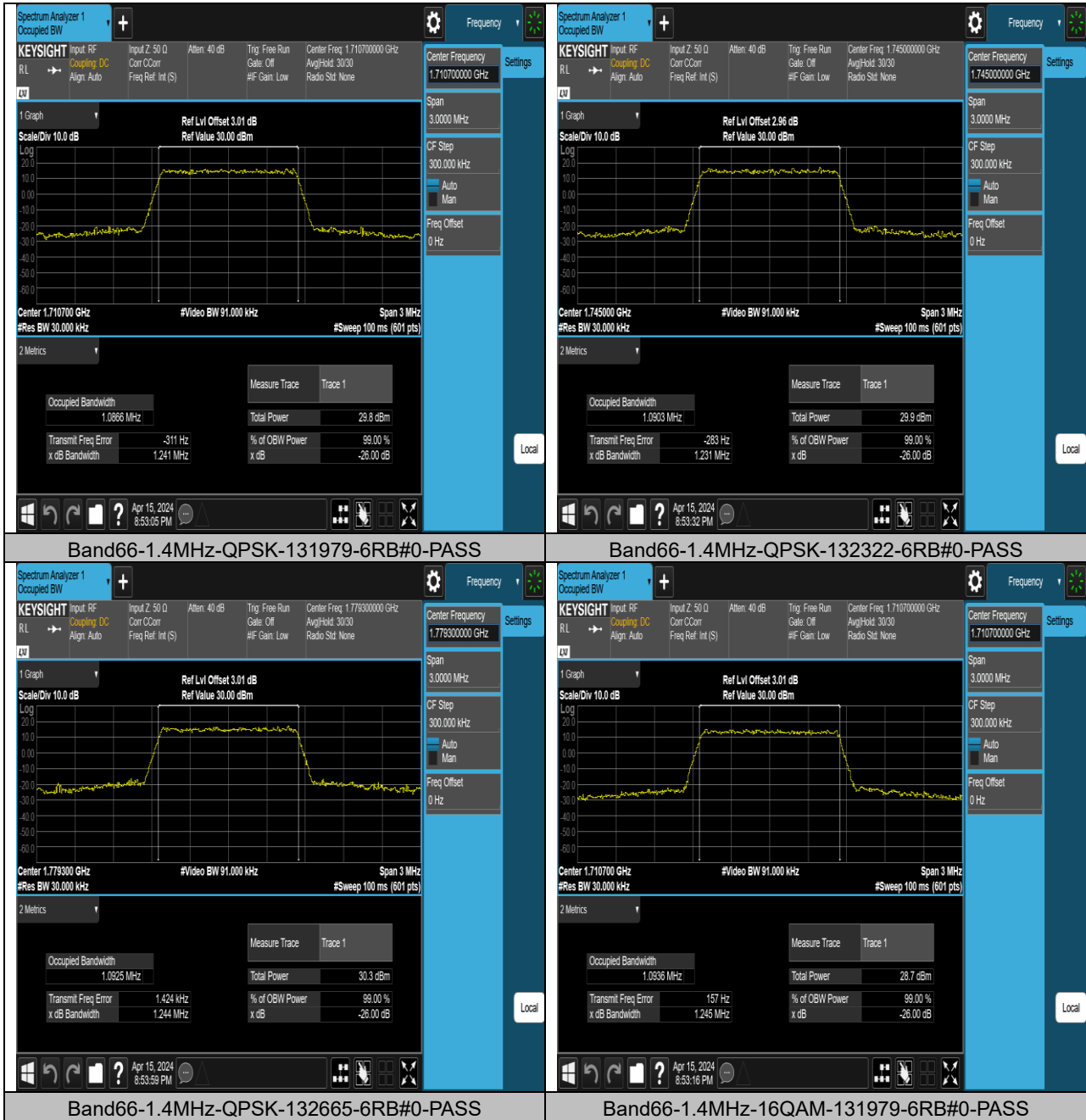


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26DB BANDWIDTH AND OCCUPIED BANDWIDTH TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	1.0866	1.241	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.0903	1.231	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.0925	1.244	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.0936	1.245	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.0849	1.242	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.0992	1.237	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.7056	3.015	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.6953	2.993	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.7005	3.026	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.7006	3.032	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.6956	2.995	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.6931	2.979	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.5371	5.005	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.4976	4.986	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.5068	4.950	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.5109	5.008	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.5030	4.968	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.5040	4.973	PASS
Band66	10MHz	QPSK	132022	50RB#0	8.9996	9.909	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.9961	9.844	PASS
Band66	10MHz	QPSK	132622	50RB#0	8.9981	9.837	PASS
Band66	10MHz	16QAM	132022	50RB#0	8.9755	9.837	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.9930	9.853	PASS
Band66	10MHz	16QAM	132622	50RB#0	8.9956	9.847	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.495	14.62	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.486	14.75	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.485	14.75	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.482	14.69	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.464	14.73	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.463	14.68	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.989	19.55	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.980	19.62	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.962	19.54	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.963	19.51	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.957	19.58	PASS
Band66	20MHz	16QAM	132572	100RB#0	17.948	19.55	PASS

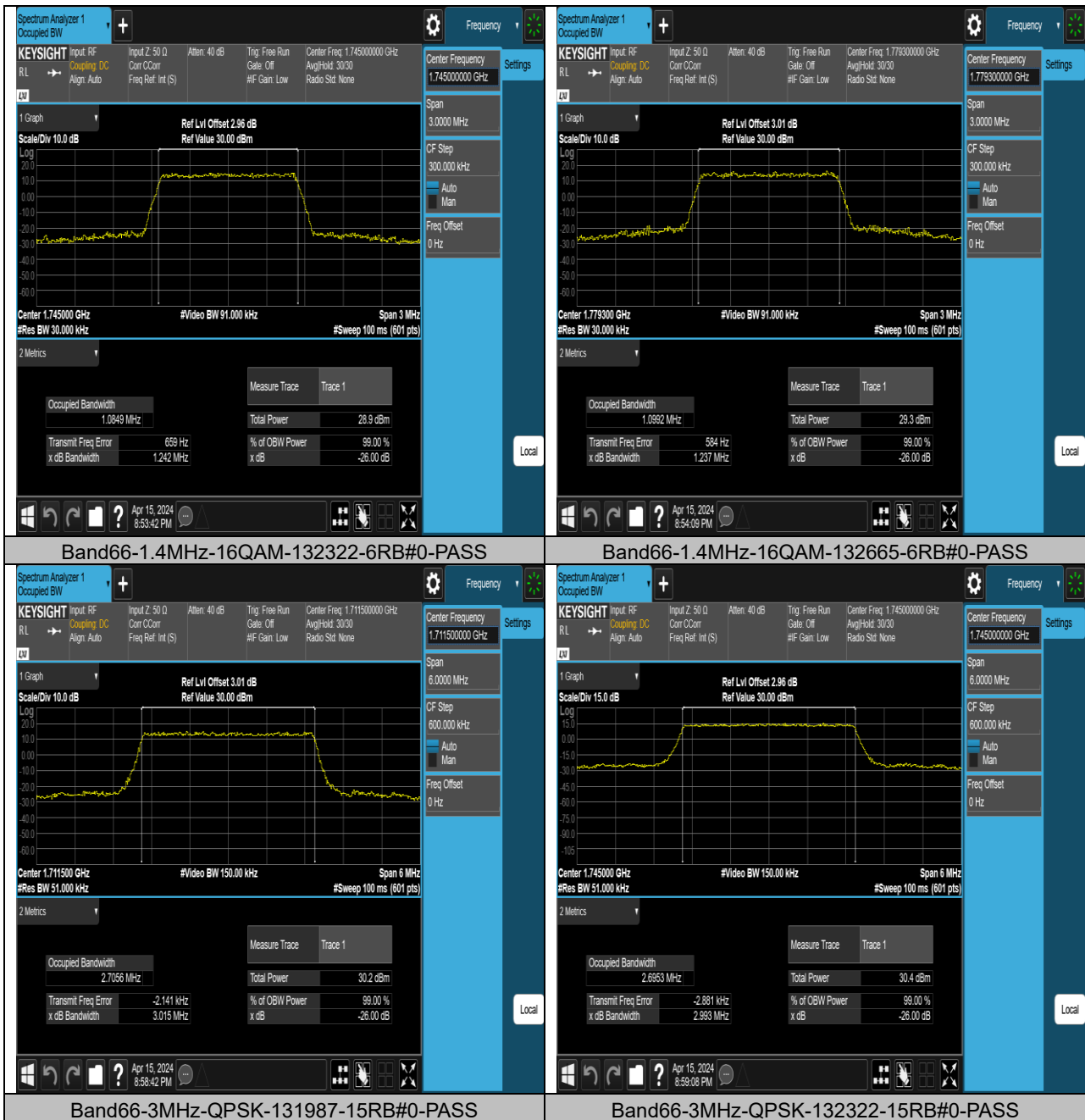
TEST GRAPHS





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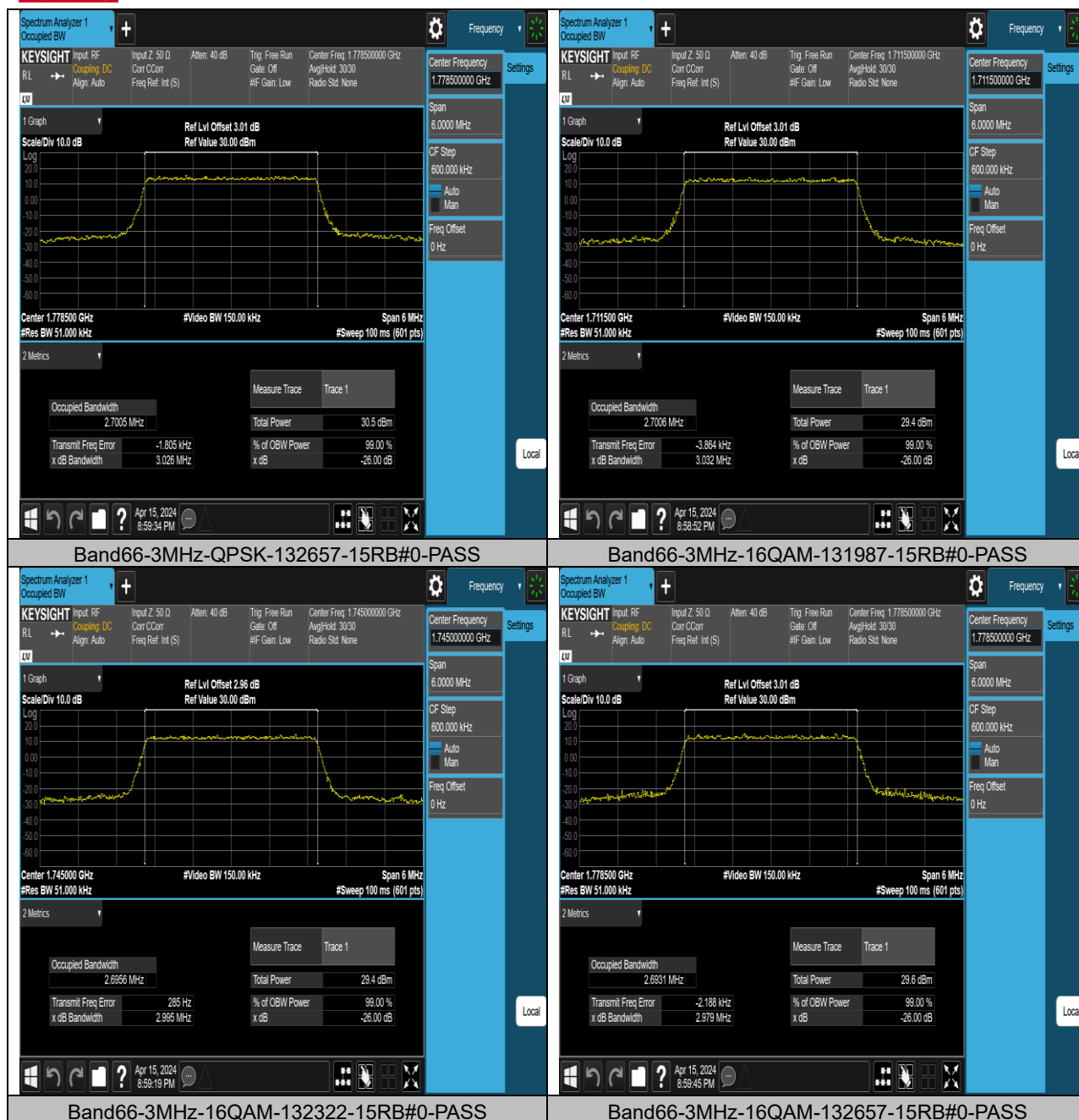
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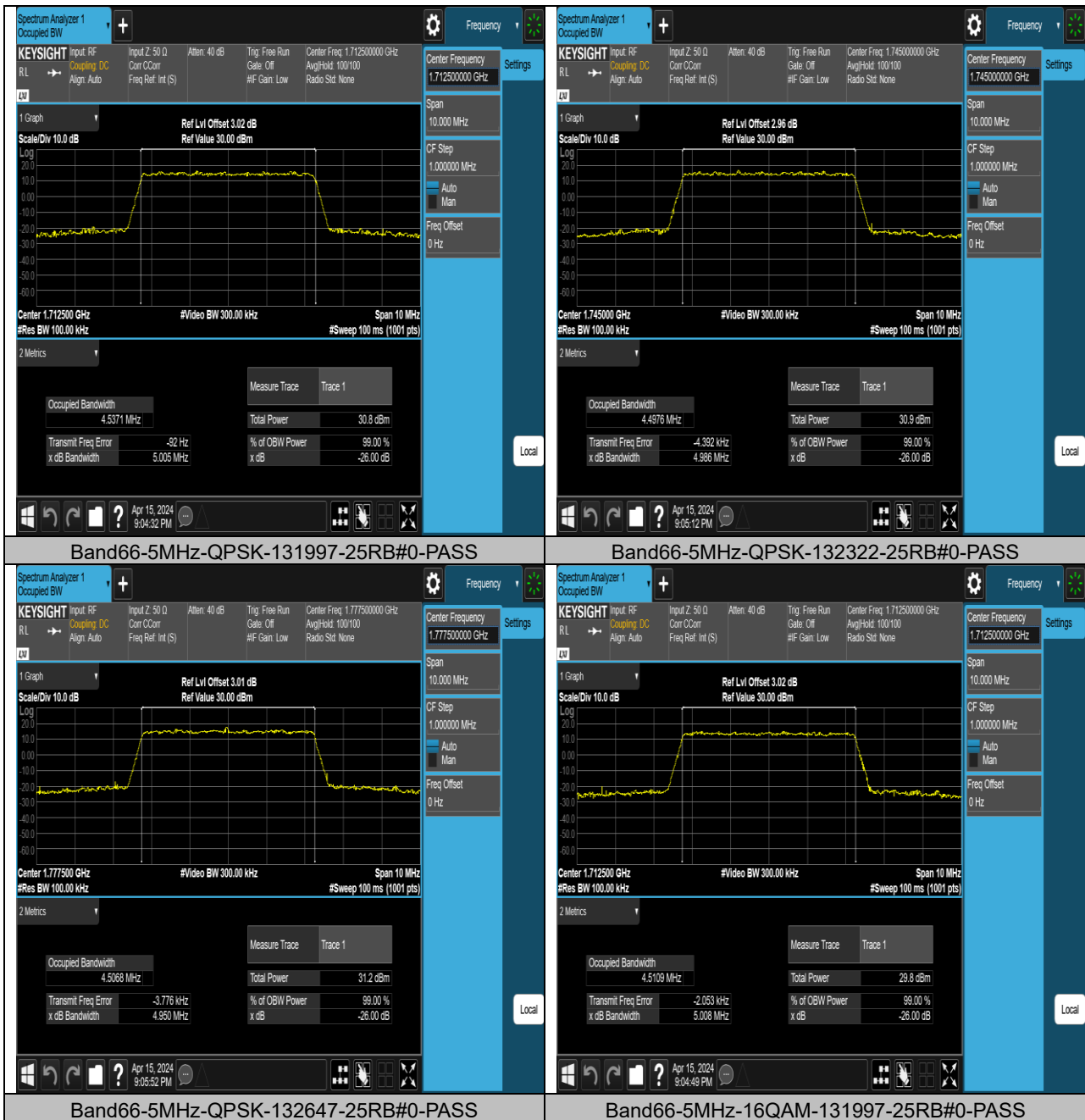
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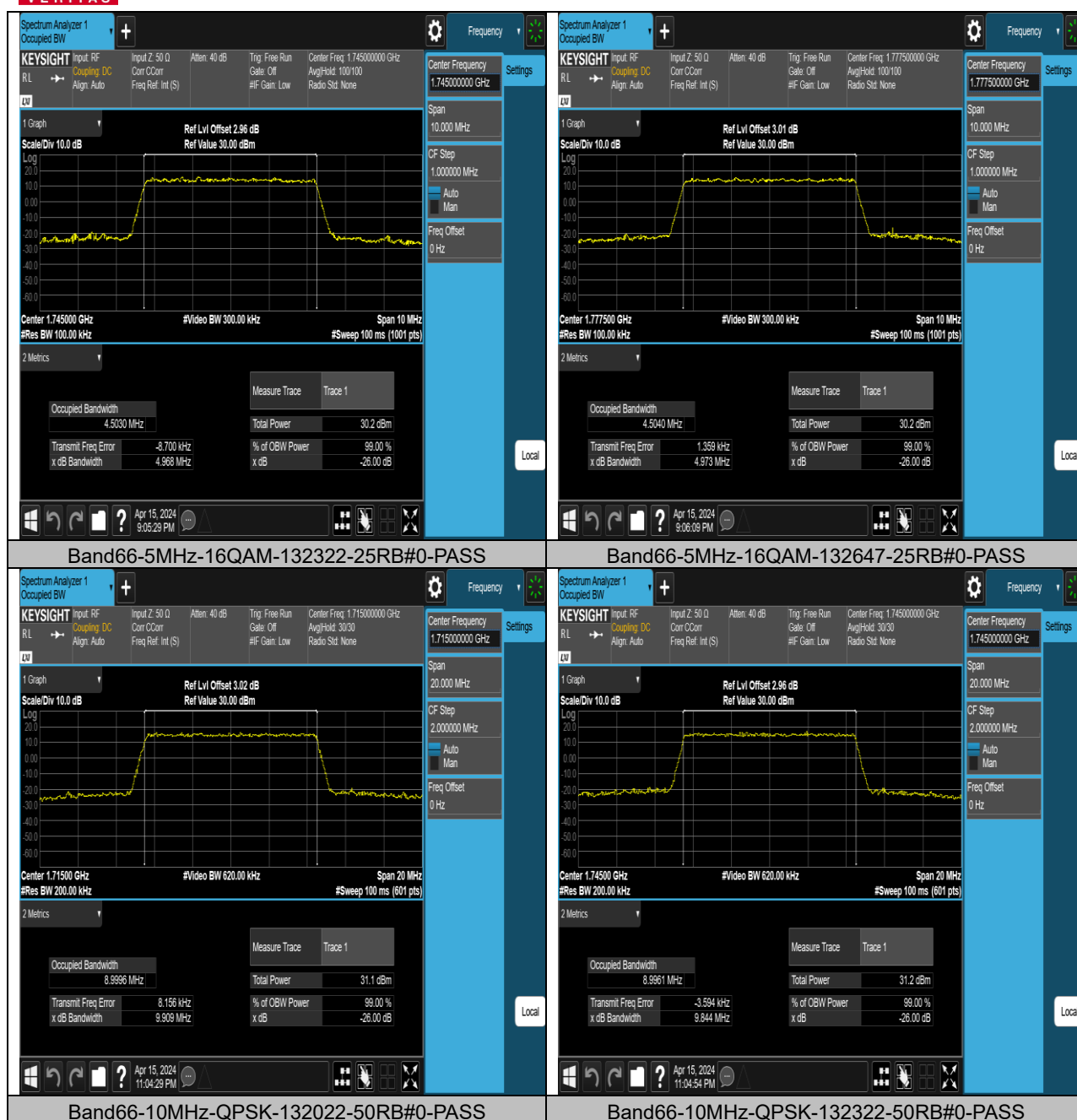
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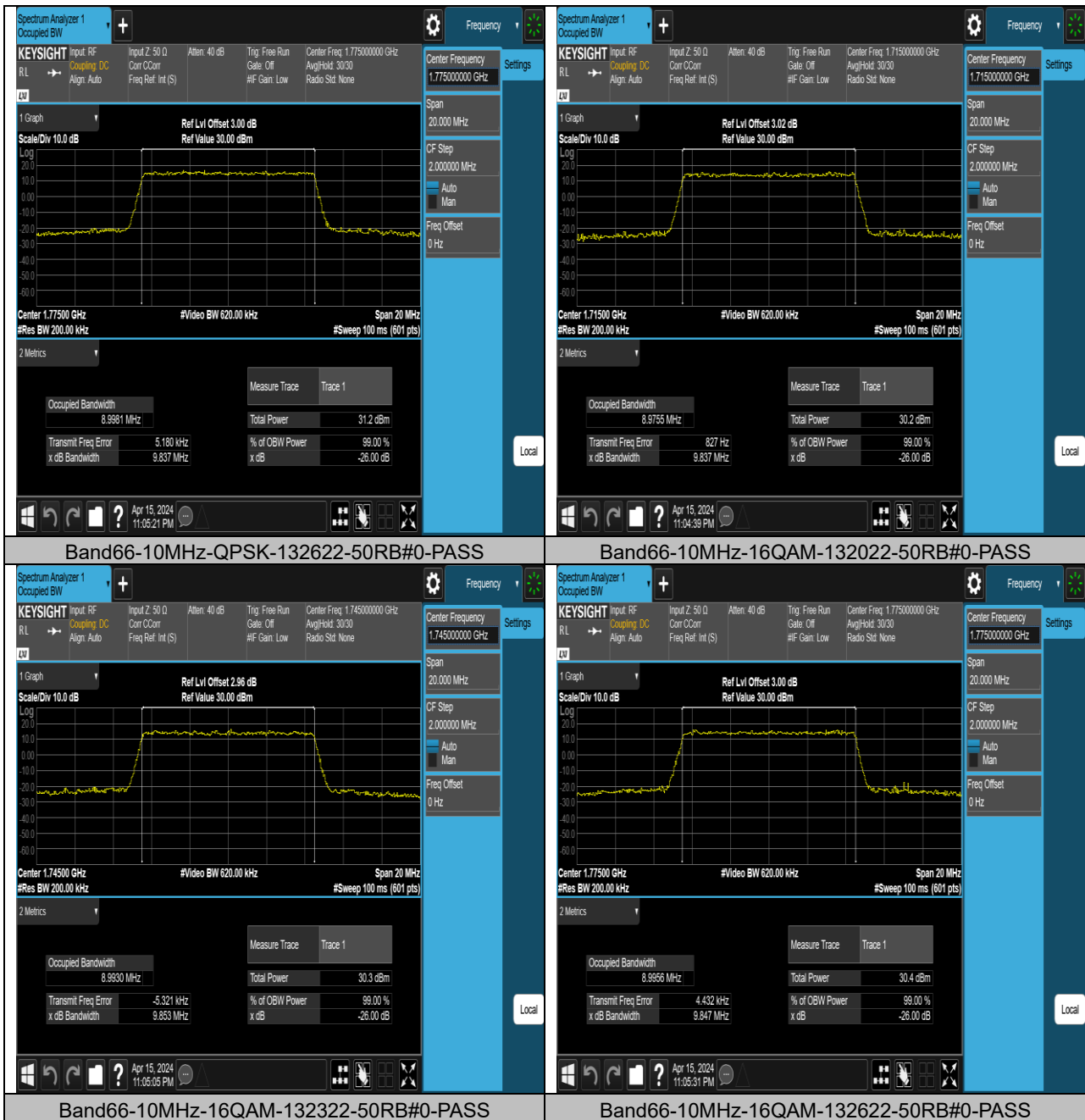
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