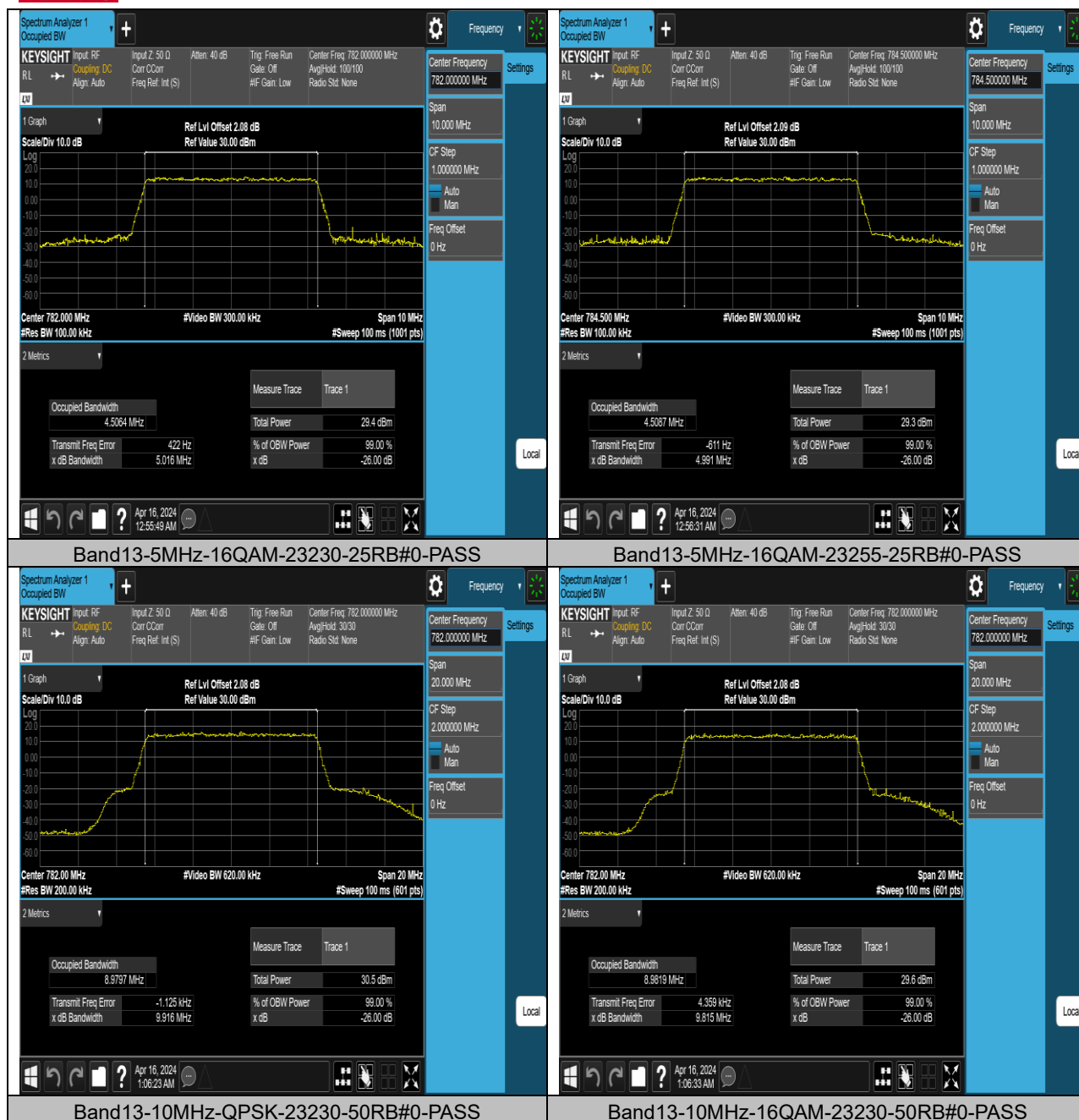




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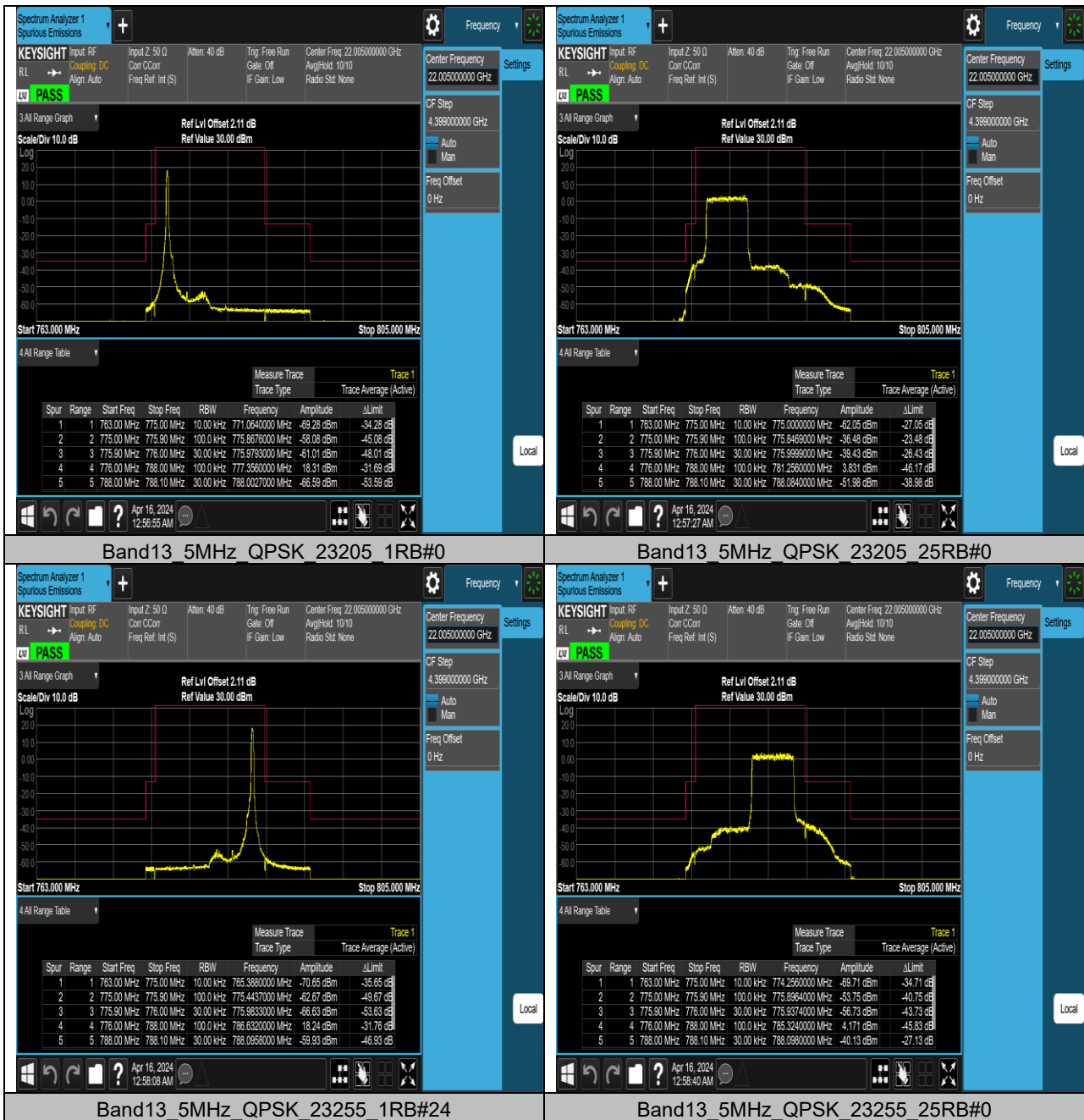
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BAND EDGE TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	-69.28	PASS
Band13	5MHz	QPSK	23205	25RB#0	-36.48	PASS
Band13	5MHz	QPSK	23255	1RB#24	-70.26	PASS
Band13	5MHz	QPSK	23255	25RB#0	-37.50	PASS
Band13	5MHz	16QAM	23205	1RB#0	-69.87	PASS
Band13	5MHz	16QAM	23205	25RB#0	-40.14	PASS
Band13	5MHz	16QAM	23255	1RB#24	-70.08	PASS
Band13	5MHz	16QAM	23255	25RB#0	-36.98	PASS
Band13	10MHz	QPSK	23230	1RB#0	-70.18	PASS
Band13	10MHz	QPSK	23230	1RB#49	-70.00	PASS
Band13	10MHz	QPSK	23230	50RB#0	-34.91	PASS
Band13	10MHz	16QAM	23230	1RB#0	-70.16	PASS
Band13	10MHz	16QAM	23230	1RB#49	-70.21	PASS
Band13	10MHz	16QAM	23230	50RB#0	-39.94	PASS

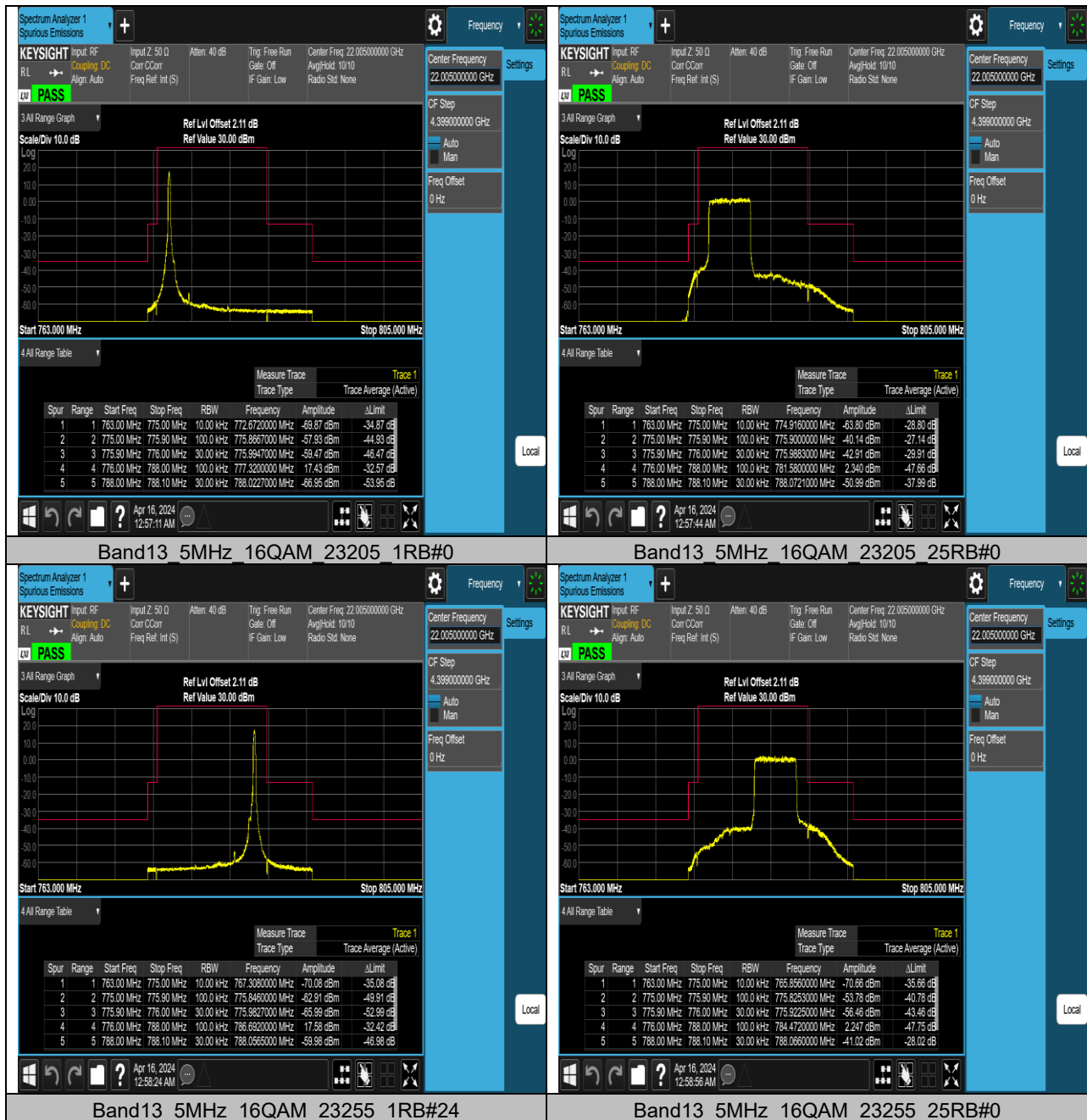
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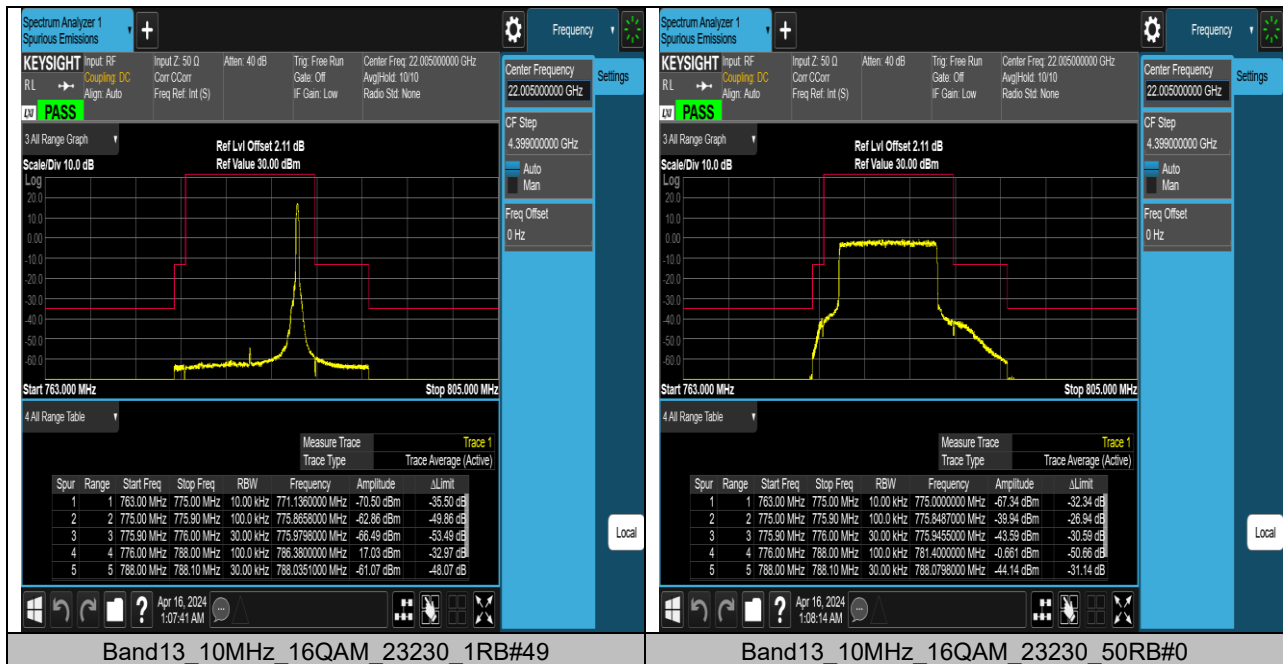
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CONDUCTED SPURIOUS EMISSION TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	30~1000	-58.20	PASS
Band13	5MHz	QPSK	23205	1RB#0	1000~10000	-38.44	PASS
Band13	5MHz	QPSK	23230	1RB#0	30~1000	-58.38	PASS
Band13	5MHz	QPSK	23230	1RB#0	1000~10000	-38.44	PASS
Band13	5MHz	QPSK	23255	1RB#0	30~1000	-58.30	PASS
Band13	5MHz	QPSK	23255	1RB#0	1000~10000	-38.35	PASS
Band13	10MHz	QPSK	23230	1RB#0	30~1000	-58.07	PASS
Band13	10MHz	QPSK	23230	1RB#0	1000~10000	-38.50	PASS

TEST GRAPHS



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
Band1 3	5MHz	QPSK	23205	25RB #0	VN	NT	873.6 3	1.12	777.2 5809	--	777-7 87	PASS
Band1 3	5MHz	QPSK	23205	25RB #0	VL	NT	869.7 9	1.12	777.2 621	--	777-7 87	PASS
Band1 3	5MHz	QPSK	23205	25RB #0	VH	NT	734.9 7	0.94	777.2 635	--	777-7 87	PASS
Band1 3	5MHz	QPSK	23255	25RB #0	VN	NT	959.1 3	1.22	--	786.7 3468	777-7 87	PASS
Band1 3	5MHz	QPSK	23255	25RB #0	VL	NT	839.1 2	1.07	--	786.7 3578	777-7 87	PASS
Band1 3	5MHz	QPSK	23255	25RB #0	VH	NT	599.1 0	0.76	--	786.7 3464	777-7 87	PASS

Temperature												
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band1 3	5MHz	QPSK	23205	25RB #0	NV	-30	-1290. 00	-1.65	777.2 6156	--	777-7 87	PASS
Band1 3	5MHz	QPSK	23205	25RB #0	NV	-20	60.00	0.08	777.2 6046	--	777-7 87	PASS
Band1 3	5MHz	QPSK	23205	25RB #0	NV	-10	-1050. 00	-1.35	777.2 616	--	777-7 87	PASS
Band1 3	5MHz	QPSK	23205	25RB #0	NV	0	-1210. 00	-1.55	777.2 5964	--	777-7 87	PASS
Band1 3	5MHz	QPSK	23205	25RB #0	NV	10	-480.0 0	-0.62	777.2 6137	--	777-7 87	PASS
Band1 3	5MHz	QPSK	23205	25RB #0	NV	20	-1020. 00	-1.31	777.2 5913	--	777-7 87	PASS
Band1 3	5MHz	QPSK	23205	25RB #0	NV	30	830.0 0	1.06	777.2 6303	--	777-7 87	PASS
Band1 3	5MHz	QPSK	23205	25RB #0	NV	40	-510.0 0	-0.65	777.2 5929	--	777-7 87	PASS
Band1 3	5MHz	QPSK	23205	25RB #0	NV	50	810.0 0	1.04	777.2 6176	--	777-7 87	PASS
Band1 3	5MHz	QPSK	23255	25RB #0	NV	-30	910.2 9	1.16	--	786.7 3445	777-7 87	PASS
Band1 3	5MHz	QPSK	23255	25RB #0	NV	-20	757.6 7	0.97	--	786.7 3536	777-7 87	PASS
Band1 3	5MHz	QPSK	23255	25RB #0	NV	-10	616.9 3	0.79	--	786.7 3412	777-7 87	PASS
Band1 3	5MHz	QPSK	23255	25RB #0	NV	0	442.4 5	0.56	--	786.7 3581	777-7 87	PASS



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Band1 3	5MHz	QPSK	23255	25RB #0	NV	10	204.9 4	0.26	--	786.7 3323	777-7 87	PASS
Band1 3	5MHz	QPSK	23255	25RB #0	NV	20	74.90	0.10	--	786.7 3639	777-7 87	PASS
Band1 3	5MHz	QPSK	23255	25RB #0	NV	30	-69.12	-0.09	--	786.7 3514	777-7 87	PASS
Band1 3	5MHz	QPSK	23255	25RB #0	NV	40	-77.72	-0.10	--	786.7 3321	777-7 87	PASS
Band1 3	5MHz	QPSK	23255	25RB #0	NV	50	-367.4 4	-0.47	--	786.7 324	777-7 87	PASS



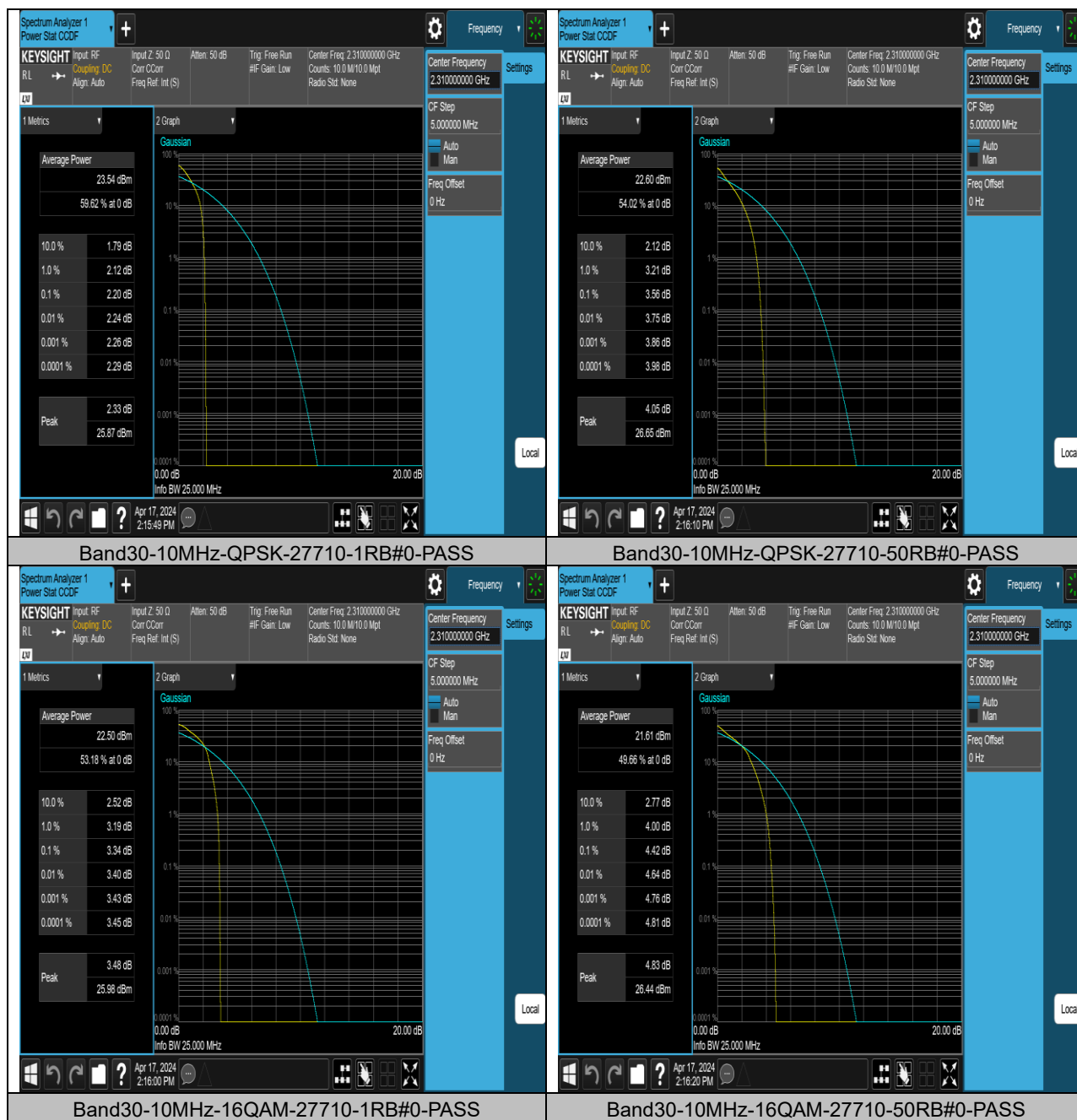
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LTE BAND 30

PEAK-TO-AVERAGE RATIO(CCDF) TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band30	10MHz	QPSK	27710	1RB#0	2.20	13	PASS
Band30	10MHz	QPSK	27710	50RB#0	3.56	13	PASS
Band30	10MHz	16QAM	27710	1RB#0	3.34	13	PASS
Band30	10MHz	16QAM	27710	50RB#0	4.42	13	PASS

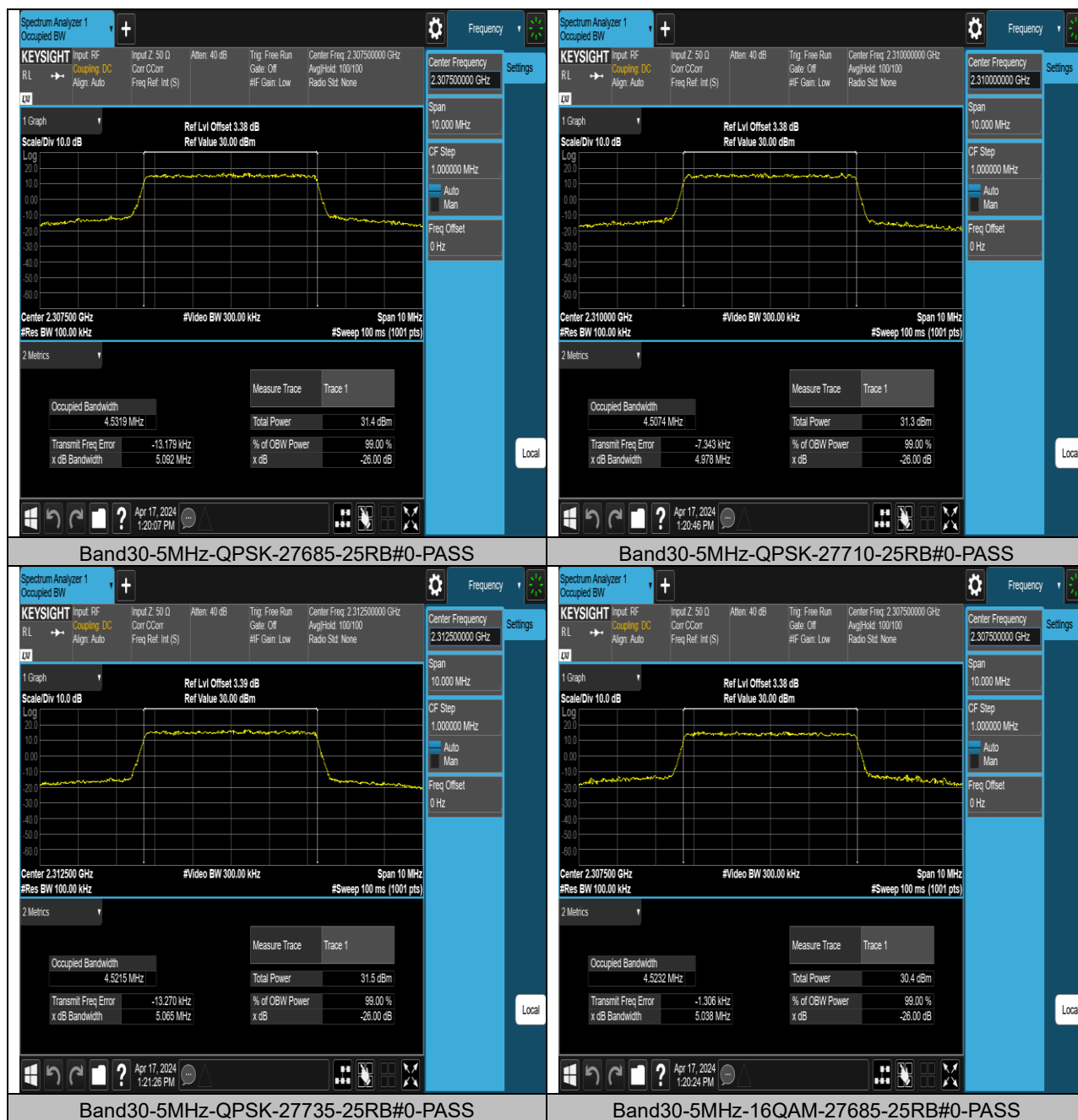
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26DB BANDWIDTH AND OCCUPIED BANDWIDTH TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band30	5MHz	QPSK	27685	25RB#0	4.5319	5.092	PASS
Band30	5MHz	QPSK	27710	25RB#0	4.5074	4.978	PASS
Band30	5MHz	QPSK	27735	25RB#0	4.5215	5.065	PASS
Band30	5MHz	16QAM	27685	25RB#0	4.5232	5.038	PASS
Band30	5MHz	16QAM	27710	25RB#0	4.5095	4.985	PASS
Band30	5MHz	16QAM	27735	25RB#0	4.5155	5.013	PASS
Band30	10MHz	QPSK	27710	50RB#0	9.0009	9.903	PASS
Band30	10MHz	16QAM	27710	50RB#0	9.0007	9.841	PASS

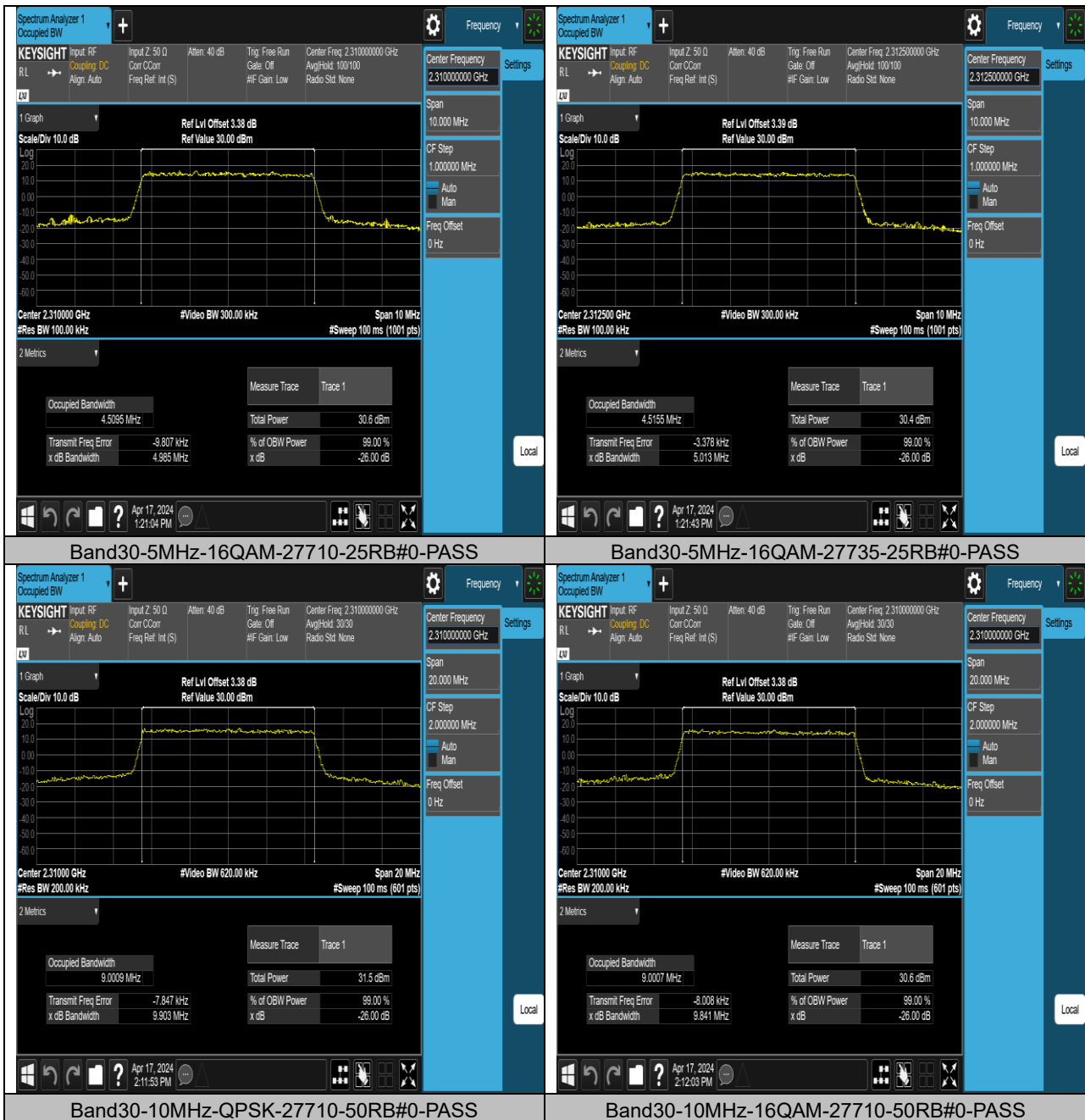
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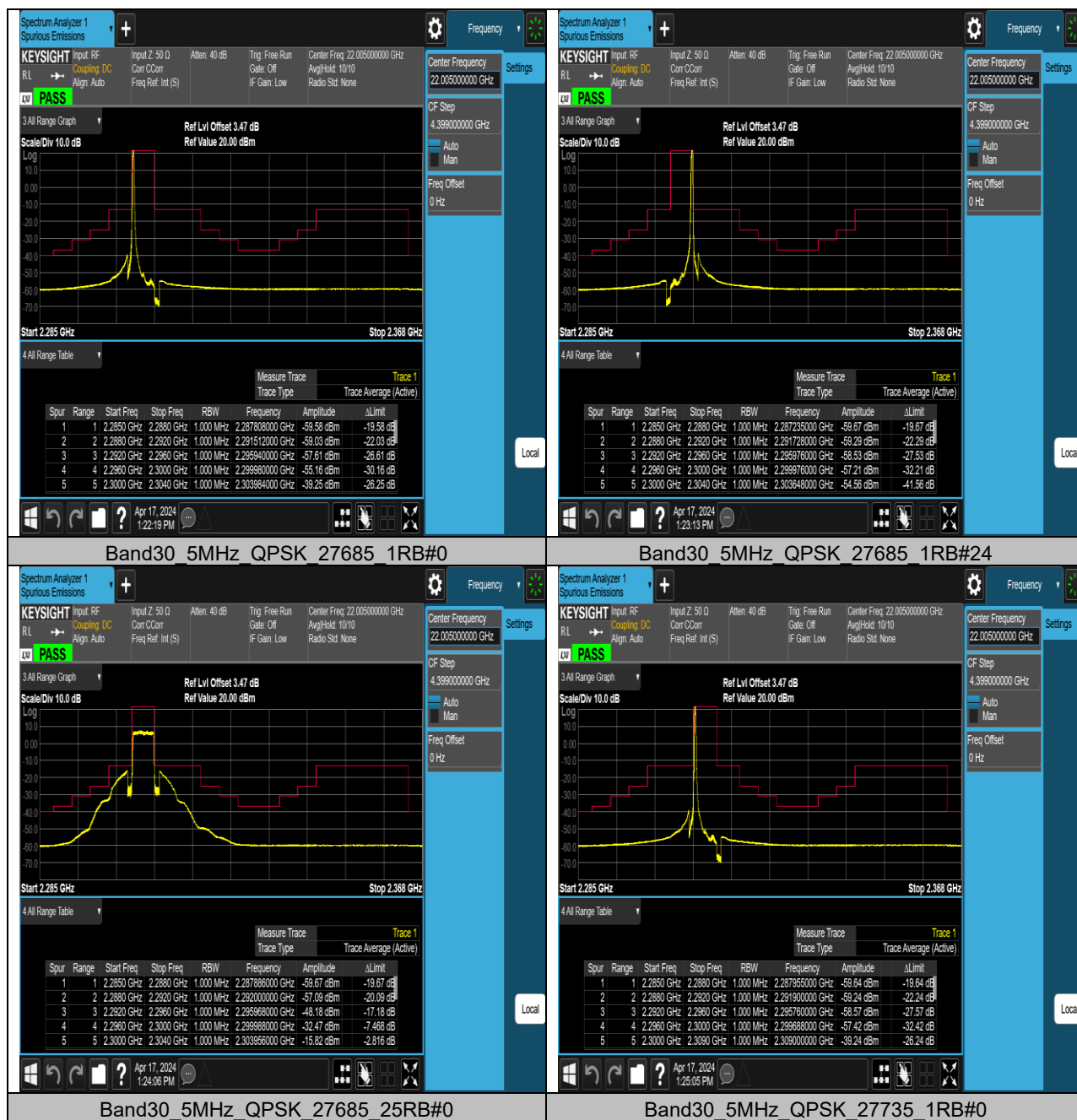
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BAND EDGE TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band30	5MHz	QPSK	27685	1RB#0	-24.65	PASS
Band30	5MHz	QPSK	27685	1RB#24	-25.12	PASS
Band30	5MHz	QPSK	27685	25RB#0	-15.82	PASS
Band30	5MHz	QPSK	27735	1RB#0	-26.25	PASS
Band30	5MHz	QPSK	27735	1RB#24	-26.54	PASS
Band30	5MHz	QPSK	27735	25RB#0	-19.34	PASS
Band30	5MHz	16QAM	27685	1RB#0	-26.67	PASS
Band30	5MHz	16QAM	27685	1RB#24	-27.96	PASS
Band30	5MHz	16QAM	27685	25RB#0	-18.94	PASS
Band30	5MHz	16QAM	27735	1RB#0	-28.31	PASS
Band30	5MHz	16QAM	27735	1RB#24	-28.27	PASS
Band30	5MHz	16QAM	27735	25RB#0	-34.27	PASS
Band30	10MHz	QPSK	27710	1RB#0	-59.46	PASS
Band30	10MHz	QPSK	27710	1RB#49	-59.43	PASS
Band30	10MHz	QPSK	27710	50RB#0	-20.76	FAIL_Final1
Band30	10MHz	QPSK	27710	50RB#0	-31.01	PASS
Band30	10MHz	16QAM	27710	1RB#0	-59.58	PASS
Band30	10MHz	16QAM	27710	1RB#49	-59.57	PASS
Band30	10MHz	16QAM	27710	50RB#0	-26.02	PASS

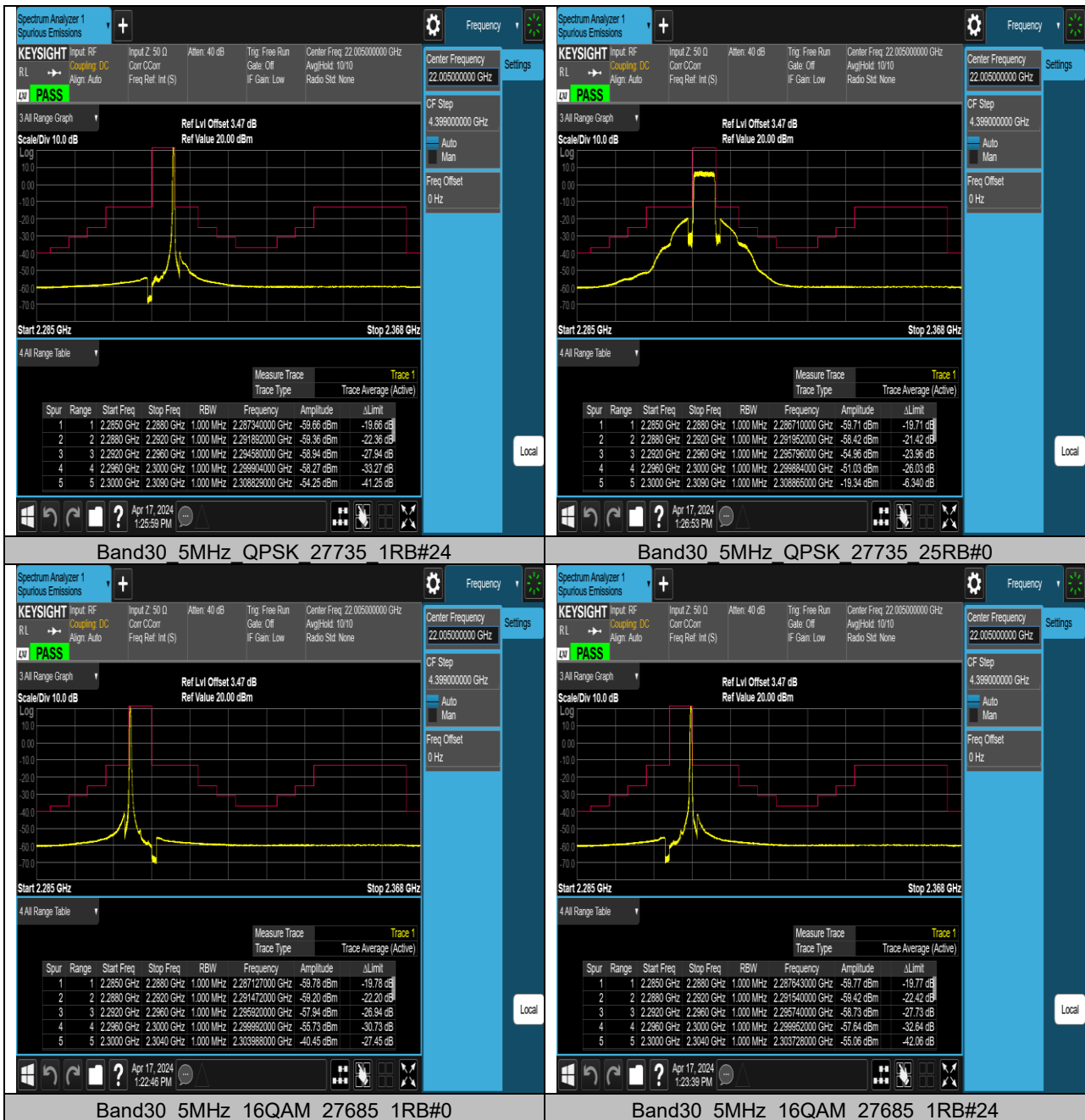
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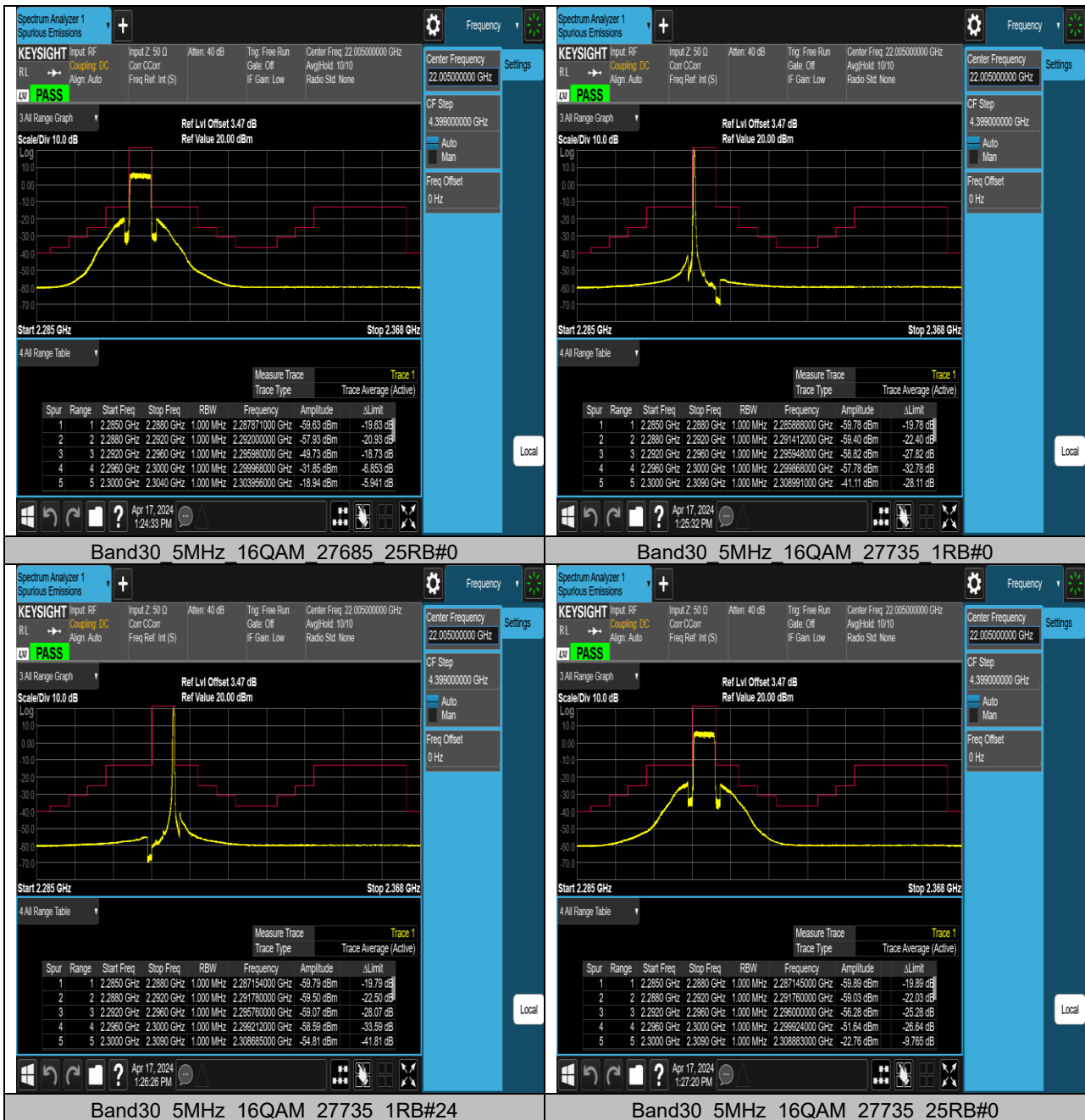
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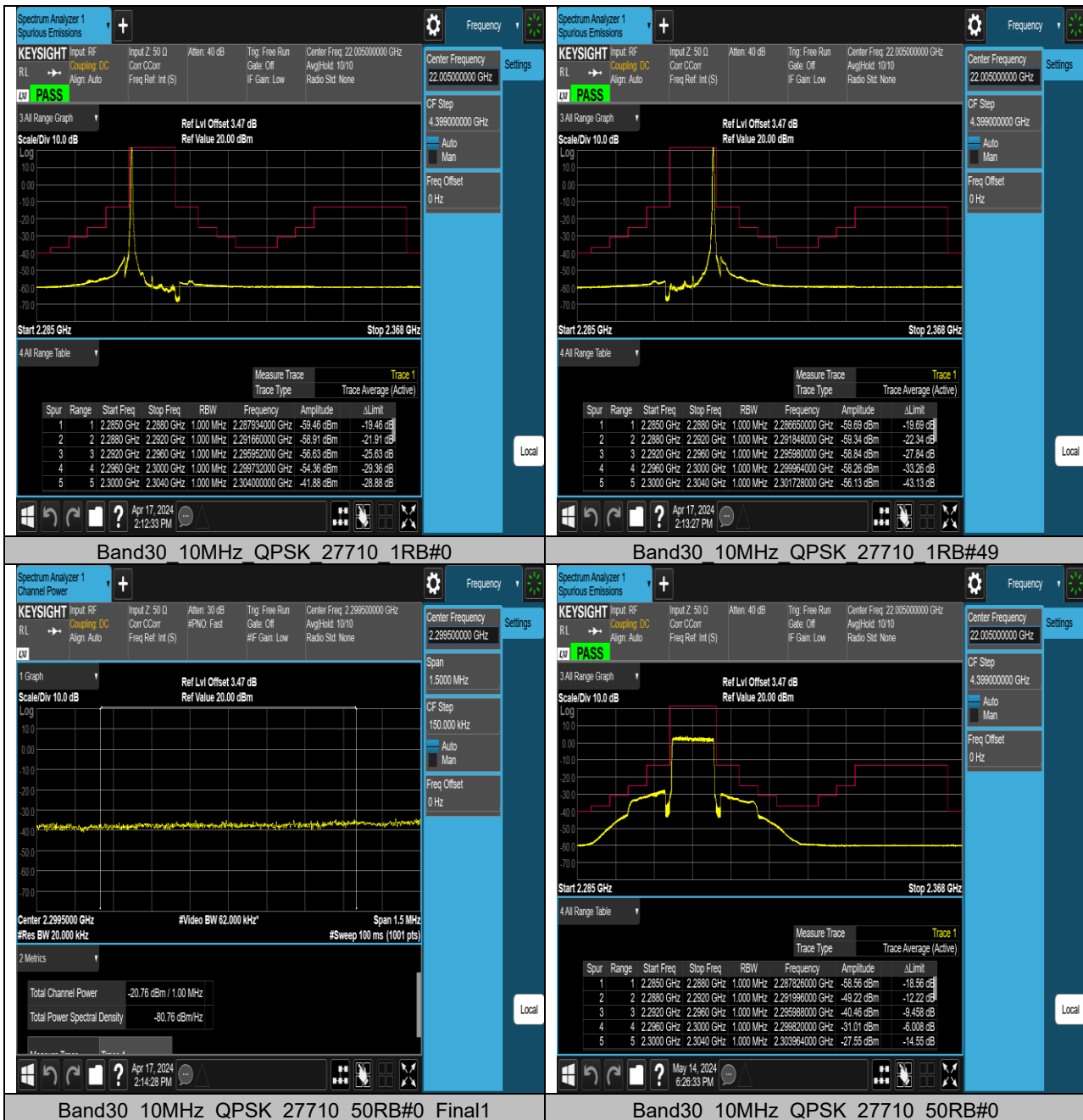
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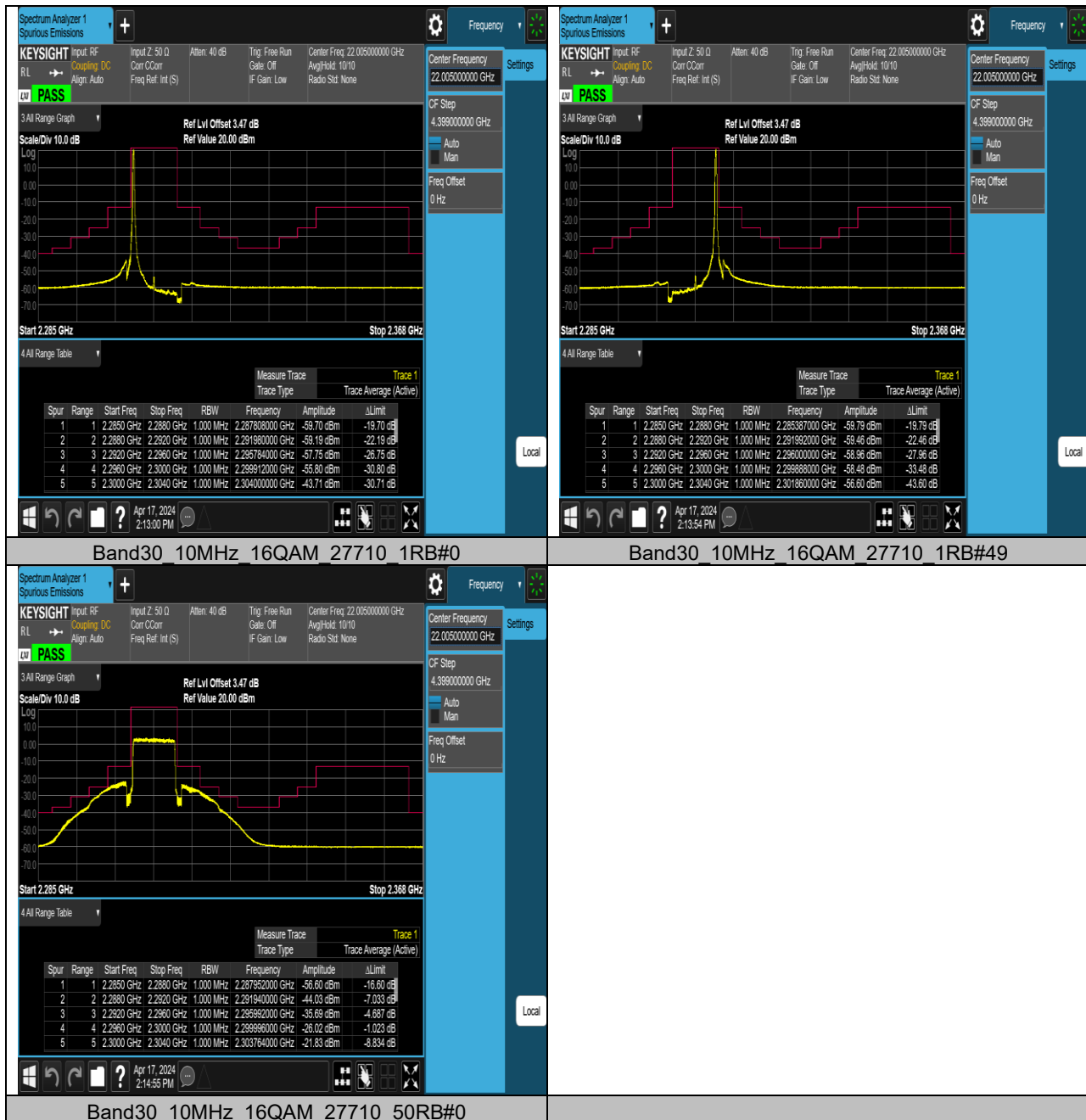
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CONDUCTED SPURIOUS EMISSION TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band30	5MHz	QPSK	27685	1RB#0	30~1000	-59.05	PASS
Band30	5MHz	QPSK	27685	1RB#0	1000~10000	-48.75	PASS
Band30	5MHz	QPSK	27685	1RB#0	10000~20000	-56.42	PASS
Band30	5MHz	QPSK	27685	1RB#0	20000~26500	-54.35	PASS
Band30	5MHz	QPSK	27710	1RB#0	30~1000	-59.04	PASS
Band30	5MHz	QPSK	27710	1RB#0	1000~10000	-48.81	PASS
Band30	5MHz	QPSK	27710	1RB#0	10000~20000	-56.35	PASS
Band30	5MHz	QPSK	27710	1RB#0	20000~26500	-54.20	PASS
Band30	5MHz	QPSK	27735	1RB#0	30~1000	-59.02	PASS
Band30	5MHz	QPSK	27735	1RB#0	1000~10000	-48.75	PASS
Band30	5MHz	QPSK	27735	1RB#0	10000~20000	-56.37	PASS
Band30	5MHz	QPSK	27735	1RB#0	20000~26500	-54.32	PASS
Band30	10MHz	QPSK	27710	1RB#0	30~1000	-59.15	PASS
Band30	10MHz	QPSK	27710	1RB#0	1000~10000	-48.67	PASS
Band30	10MHz	QPSK	27710	1RB#0	10000~20000	-56.44	PASS
Band30	10MHz	QPSK	27710	1RB#0	20000~26500	-54.33	PASS

TEST GRAPHS

