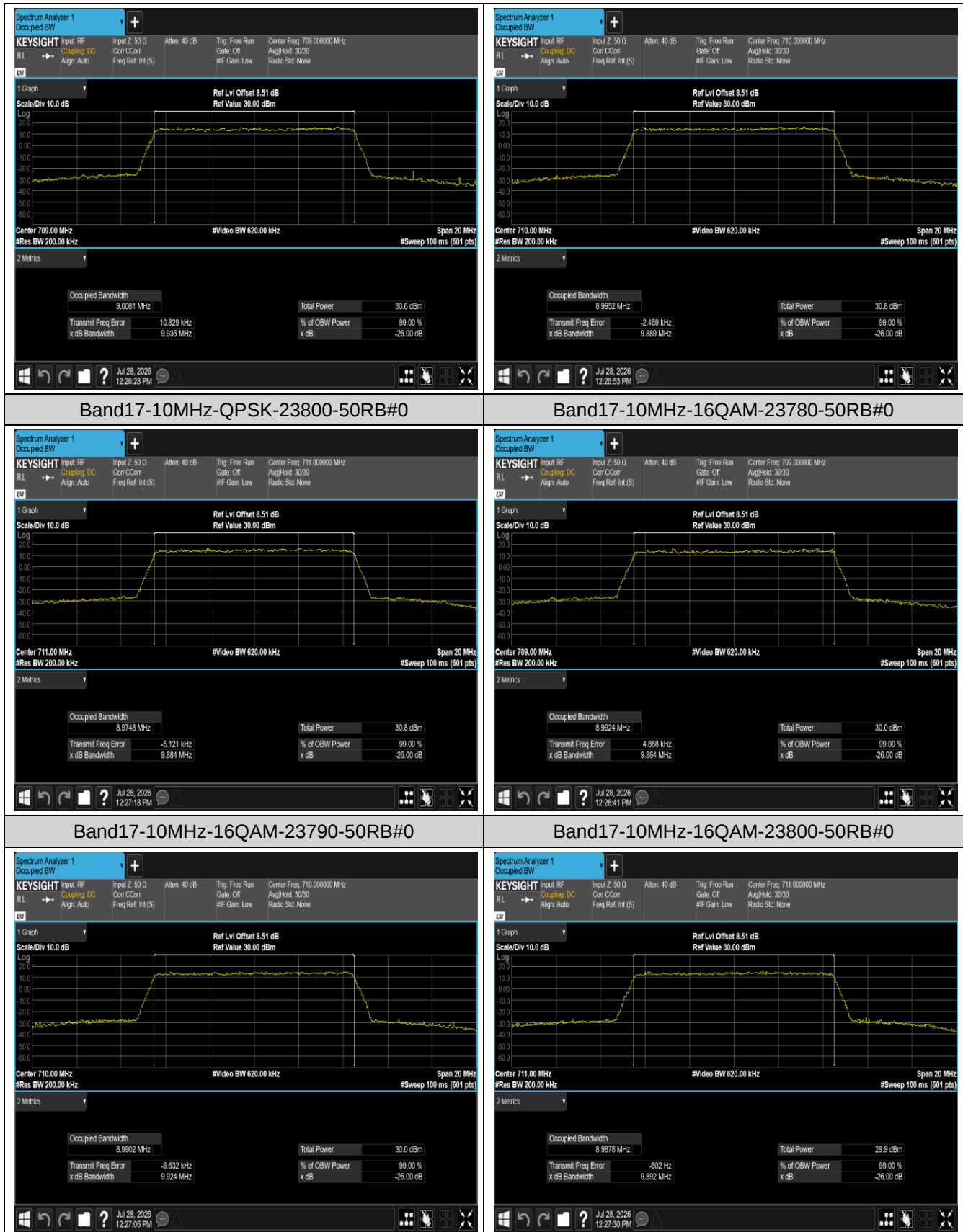




Appendix D: Band Edge

Test Result (worst case)

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	-38.54,-26.84	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	-40.29,-45.03	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	-33.54,-35.17	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	-45.00,-41.54	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	-28.41,-38.90	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-36.55,-38.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	-37.57,-25.54	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	-39.54,-44.79	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-31.98,-33.72	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	-41.55,-41.13	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	-27.62,-37.29	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-36.90,-36.32	PASS
Band2	20MHz	QPSK	18700	1RB#0	-46.54,-37.36	PASS
Band2	20MHz	QPSK	18700	1RB#99	-42.92,-54.45	PASS
Band2	20MHz	QPSK	18700	100RB#0	-35.42,-38.94	PASS
Band2	20MHz	QPSK	19100	1RB#0	-55.13,-49.67	PASS
Band2	20MHz	QPSK	19100	1RB#99	-38.08,-47.16	PASS
Band2	20MHz	QPSK	19100	100RB#0	-40.31,-37.60	PASS
Band2	20MHz	16QAM	18700	1RB#0	-46.84,-37.46	PASS
Band2	20MHz	16QAM	18700	1RB#99	-41.73,-54.33	PASS
Band2	20MHz	16QAM	18700	100RB#0	-35.92,-39.70	PASS
Band2	20MHz	16QAM	19100	1RB#0	-53.79,-49.93	PASS
Band2	20MHz	16QAM	19100	1RB#99	-39.08,-47.57	PASS
Band2	20MHz	16QAM	19100	100RB#0	-41.18,-38.64	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	-32.08,-29.69	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	-40.96,-46.51	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	-31.89,-32.32	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	-46.21,-41.79	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	-28.83,-36.13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-34.99,-33.13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	-32.72,-29.04	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	-40.80,-45.27	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-33.10,-33.47	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	-46.61,-41.63	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	-31.71,-36.70	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-36.27,-35.02	PASS

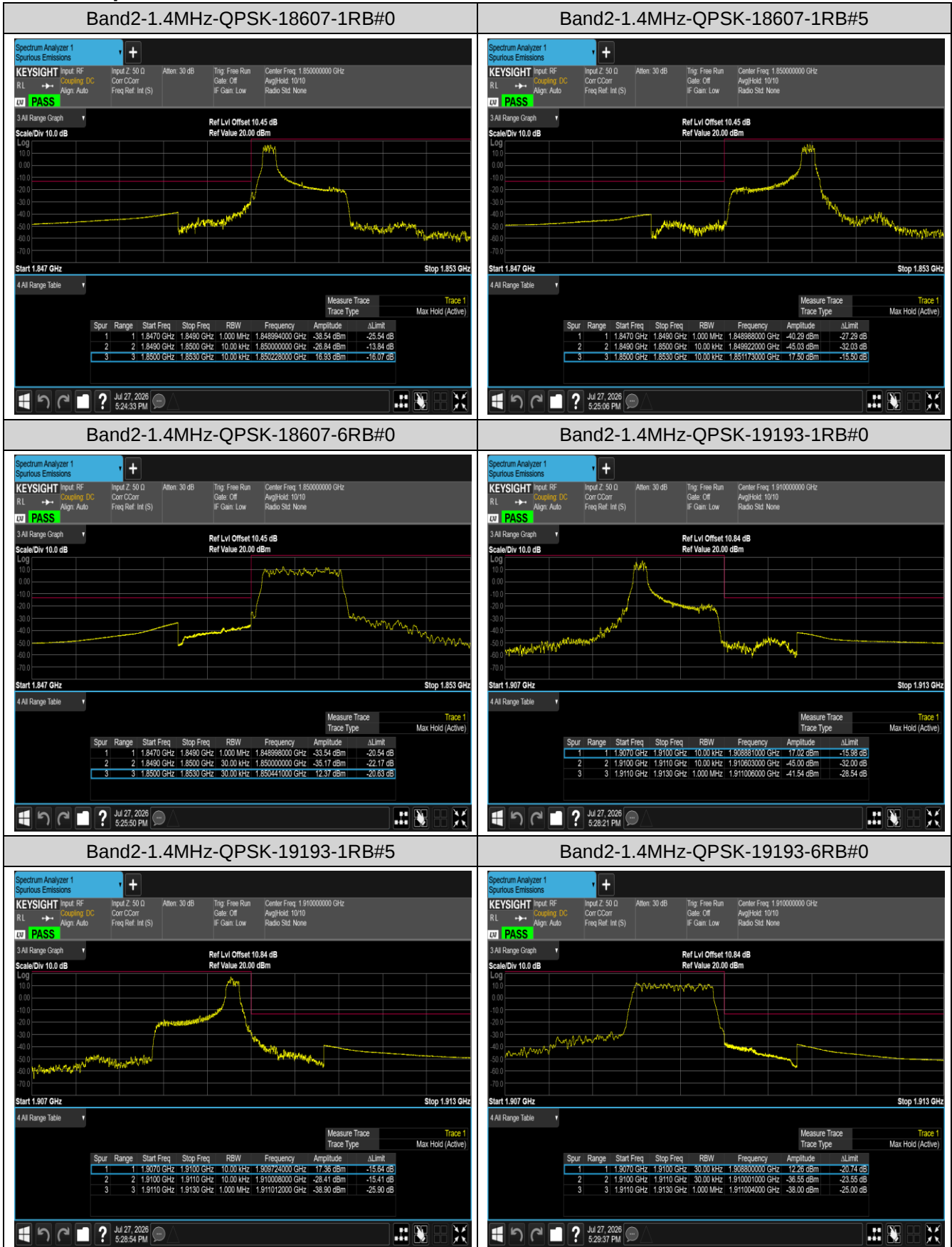
Band4	20MHz	QPSK	20050	1RB#0	-43.60,-34.89	PASS
Band4	20MHz	QPSK	20050	1RB#99	-47.35,-52.02	PASS
Band4	20MHz	QPSK	20050	100RB#0	-30.99,-34.45	PASS
Band4	20MHz	QPSK	20300	1RB#0	-31.19,-32.45	PASS
Band4	20MHz	QPSK	20300	1RB#99	-34.00,-44.20	PASS
Band4	20MHz	QPSK	20300	100RB#0	-38.90,-33.26	PASS
Band4	20MHz	16QAM	20050	1RB#0	-44.45,-35.98	PASS
Band4	20MHz	16QAM	20050	1RB#99	-46.36,-54.27	PASS
Band4	20MHz	16QAM	20050	100RB#0	-31.89,-35.56	PASS
Band4	20MHz	16QAM	20300	1RB#0	-32.69,-32.68	PASS
Band4	20MHz	16QAM	20300	1RB#99	-34.34,-44.48	PASS
Band4	20MHz	16QAM	20300	100RB#0	-36.86,-33.43	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	-43.02,-30.48	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	-52.95,-36.27	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	-48.45,-38.79	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	-35.82,-53.37	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	-29.78,-42.25	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-36.49,-50.01	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	-43.46,-35.30	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	-52.90,-35.69	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-49.62,-39.93	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	-35.24,-53.16	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	-34.35,-42.18	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-37.58,-49.88	PASS
Band5	10MHz	QPSK	20450	1RB#0	-55.42,-29.13	PASS
Band5	10MHz	QPSK	20450	1RB#49	-39.38,-50.47	PASS
Band5	10MHz	QPSK	20450	50RB#0	-42.39,-34.77	PASS
Band5	10MHz	QPSK	20600	1RB#0	-47.59,-36.42	PASS
Band5	10MHz	QPSK	20600	1RB#49	-30.53,-51.53	PASS
Band5	10MHz	QPSK	20600	50RB#0	-38.04,-45.71	PASS
Band5	10MHz	16QAM	20450	1RB#0	-55.68,-30.24	PASS
Band5	10MHz	16QAM	20450	1RB#49	-39.19,-49.09	PASS
Band5	10MHz	16QAM	20450	50RB#0	-45.48,-39.29	PASS
Band5	10MHz	16QAM	20600	1RB#0	-49.99,-35.87	PASS
Band5	10MHz	16QAM	20600	1RB#49	-29.07,-51.77	PASS
Band5	10MHz	16QAM	20600	50RB#0	-35.63,-43.10	PASS
Band7	5MHz	QPSK	20775	1RB#0	-47.82,-39.33,-38.72,-23.01	PASS
Band7	5MHz	QPSK	20775	1RB#24	-48.72,-36.50,-36.34,-42.18	PASS
Band7	5MHz	QPSK	20775	25RB#0	-43.41,-35.88,-32.76,-30.75	PASS
Band7	5MHz	QPSK	21425	1RB#0	-42.98,-36.15,-48.40,-48.88	PASS
Band7	5MHz	QPSK	21425	1RB#24	-25.83,-39.14,-47.66,-47.73	PASS
Band7	5MHz	QPSK	21425	25RB#0	-32.55,-35.38,-44.09,-45.34	PASS

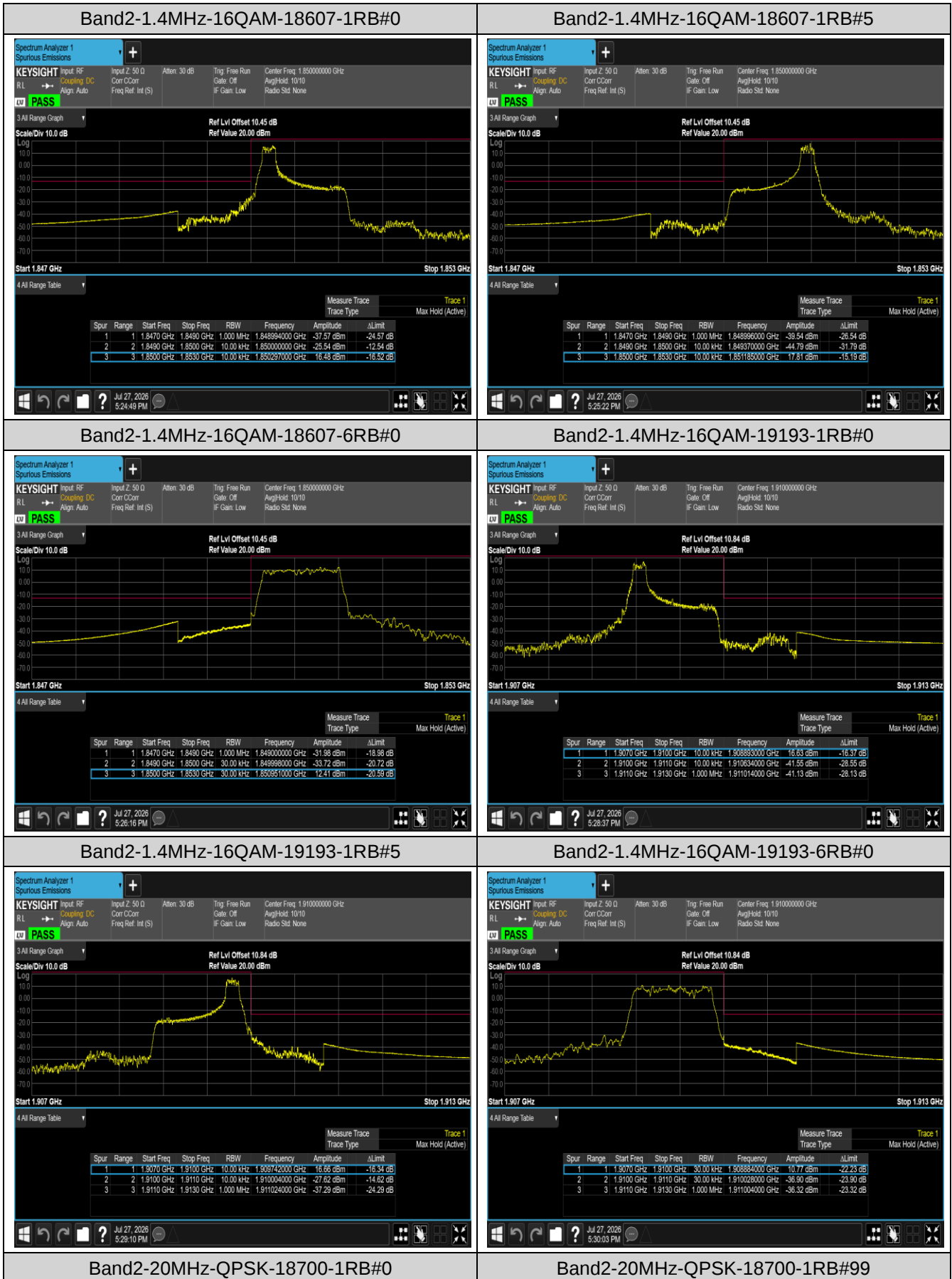
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Band7	5MHz	16QAM	20775	25RB#0	-42.60,-35.16,-28.71,-29.56	PASS
Band7	5MHz	16QAM	21425	1RB#0	-44.00,-34.39,-48.54,-48.97	PASS
Band7	5MHz	16QAM	21425	1RB#24	-25.05,-39.03,-48.09,-47.62	PASS
Band7	5MHz	16QAM	21425	25RB#0	-32.49,-33.45,-42.09,-44.74	PASS
Band7	20MHz	QPSK	20850	1RB#0	-34.14,-33.83,-36.96,-34.10	PASS
Band7	20MHz	QPSK	20850	1RB#99	-28.48,-31.42,-41.12,-51.84	PASS
Band7	20MHz	QPSK	20850	100RB#0	-37.67,-34.50,-32.17,-28.73	PASS
Band7	20MHz	QPSK	21350	1RB#0	-52.72,-43.27,-32.40,-45.86	PASS
Band7	20MHz	QPSK	21350	1RB#99	-34.40,-36.50,-35.38,-46.25	PASS
Band7	20MHz	QPSK	21350	100RB#0	-28.60,-35.26,-37.02,-45.37	PASS
Band7	20MHz	16QAM	20850	1RB#0	-33.80,-33.84,-36.19,-33.98	PASS
Band7	20MHz	16QAM	20850	1RB#99	-26.41,-30.16,-42.14,-52.16	PASS
Band7	20MHz	16QAM	20850	100RB#0	-32.62,-29.94,-28.80,-26.90	PASS
Band7	20MHz	16QAM	21350	1RB#0	-52.64,-41.08,-32.55,-45.88	PASS
Band7	20MHz	16QAM	21350	1RB#99	-33.45,-35.47,-34.60,-45.94	PASS
Band7	20MHz	16QAM	21350	100RB#0	-29.00,-31.55,-32.60,-45.47	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	-38.17,-35.45	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	-37.32,-55.16	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	-34.83,-37.36	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	-54.98,-36.89	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	-39.24,-42.40	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-41.31,-38.92	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	-39.82,-36.06	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	-37.48,-53.75	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-35.00,-37.81	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	-54.31,-43.39	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	-40.28,-42.95	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-42.47,-39.16	PASS
Band12	10MHz	QPSK	23060	1RB#0	-43.28,-33.84	PASS
Band12	10MHz	QPSK	23060	1RB#49	-47.33,-51.60	PASS
Band12	10MHz	QPSK	23060	50RB#0	-45.13,-42.47	PASS
Band12	10MHz	QPSK	23130	1RB#0	-47.53,-57.13	PASS
Band12	10MHz	QPSK	23130	1RB#49	-35.52,-45.65	PASS
Band12	10MHz	QPSK	23130	50RB#0	-45.90,-41.18	PASS
Band12	10MHz	16QAM	23060	1RB#0	-45.67,-36.29	PASS
Band12	10MHz	16QAM	23060	1RB#49	-50.39,-52.48	PASS
Band12	10MHz	16QAM	23060	50RB#0	-42.94,-43.57	PASS
Band12	10MHz	16QAM	23130	1RB#0	-52.98,-58.51	PASS
Band12	10MHz	16QAM	23130	1RB#49	-35.71,-45.86	PASS
Band12	10MHz	16QAM	23130	50RB#0	-43.20,-42.35	PASS

Band17	5MHz	QPSK	23755	1RB#0	-39.18,-27.85	PASS
Band17	5MHz	QPSK	23755	1RB#24	-32.32,-43.70	PASS
Band17	5MHz	QPSK	23755	25RB#0	-36.32,-36.31	PASS
Band17	5MHz	QPSK	23825	1RB#0	-45.68,-41.63	PASS
Band17	5MHz	QPSK	23825	1RB#24	-27.75,-39.62	PASS
Band17	5MHz	QPSK	23825	25RB#0	-37.42,-37.72	PASS
Band17	5MHz	16QAM	23755	1RB#0	-41.10,-28.77	PASS
Band17	5MHz	16QAM	23755	1RB#24	-39.38,-47.25	PASS
Band17	5MHz	16QAM	23755	25RB#0	-41.08,-36.51	PASS
Band17	5MHz	16QAM	23825	1RB#0	-46.83,-46.09	PASS
Band17	5MHz	16QAM	23825	1RB#24	-30.45,-40.73	PASS
Band17	5MHz	16QAM	23825	25RB#0	-37.75,-39.27	PASS
Band17	10MHz	QPSK	23780	1RB#0	-43.72,-33.62	PASS
Band17	10MHz	QPSK	23780	1RB#49	-35.75,-50.72	PASS
Band17	10MHz	QPSK	23780	50RB#0	-38.90,-39.64	PASS
Band17	10MHz	QPSK	23800	1RB#0	-52.26,-56.94	PASS
Band17	10MHz	QPSK	23800	1RB#49	-33.36,-43.62	PASS
Band17	10MHz	QPSK	23800	50RB#0	-45.69,-40.91	PASS
Band17	10MHz	16QAM	23780	1RB#0	-44.03,-34.04	PASS
Band17	10MHz	16QAM	23780	1RB#49	-37.60,-50.73	PASS
Band17	10MHz	16QAM	23780	50RB#0	-41.05,-42.40	PASS
Band17	10MHz	16QAM	23800	1RB#0	-46.63,-56.77	PASS
Band17	10MHz	16QAM	23800	1RB#49	-33.75,-45.78	PASS
Band17	10MHz	16QAM	23800	50RB#0	-43.15,-42.27	PASS

Remark: All bandwidth and all modulation had been tested, but only the worst case data displayed in this report.

Test Graphs







Band2-20MHz-QPSK-18700-100RB#0



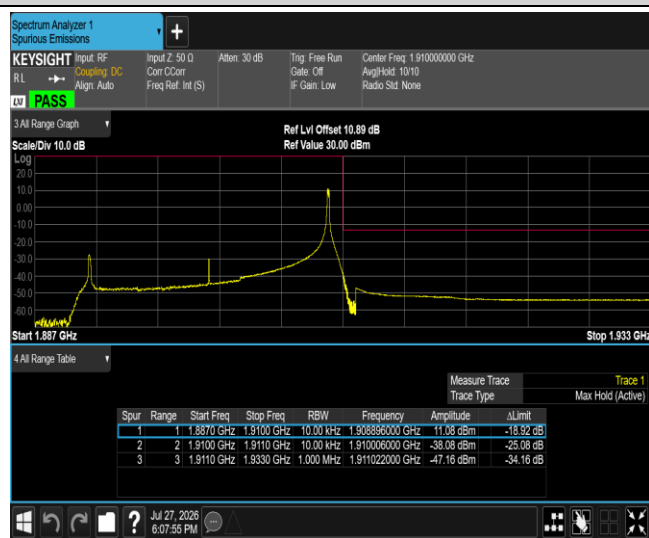
Band2-20MHz-QPSK-19100-1RB#0



Band2-20MHz-QPSK-19100-1RB#99



Band2-20MHz-QPSK-19100-100RB#0



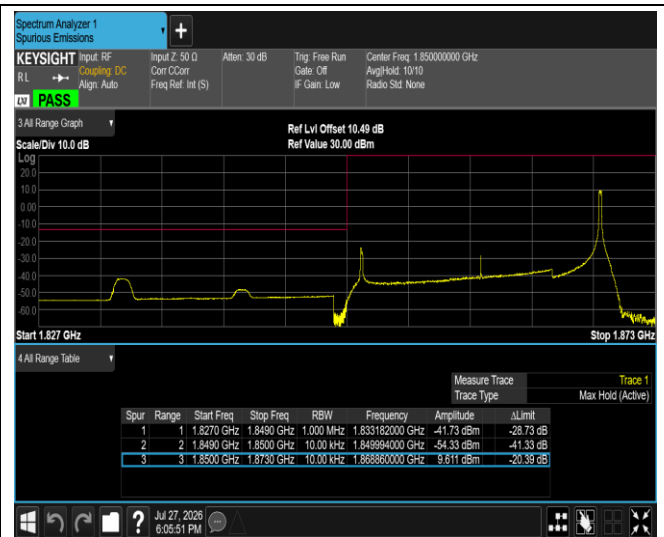
Band2-20MHz-16QAM-18700-1RB#0



Band2-20MHz-16QAM-18700-1RB#99



Band2-20MHz-16QAM-18700-100RB#0



Band2-20MHz-16QAM-19100-1RB#0



Band2-20MHz-16QAM-19100-1RB#99



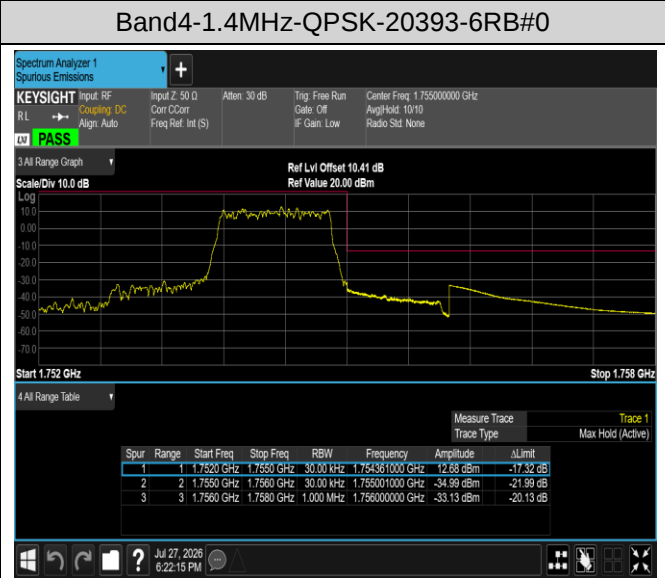
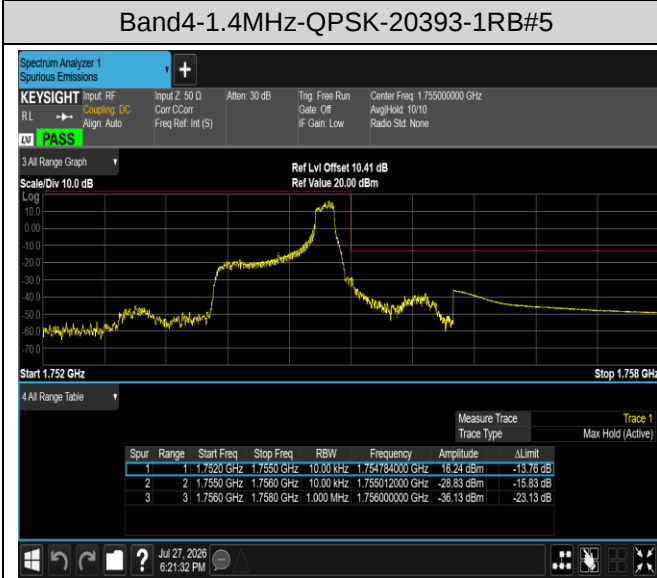
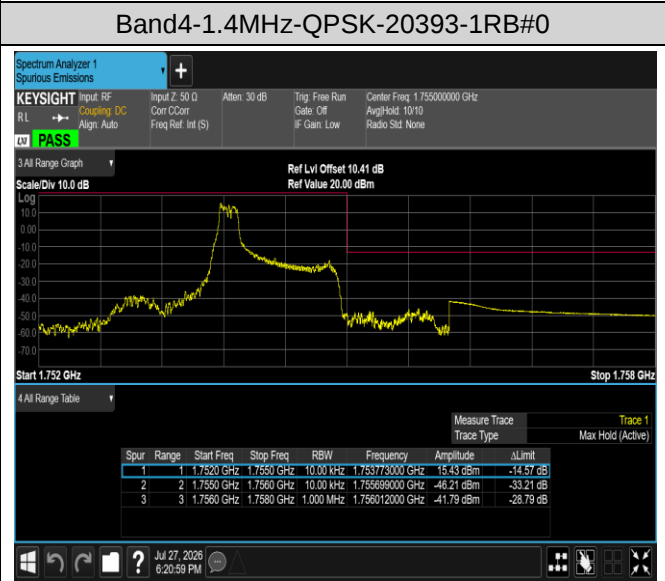
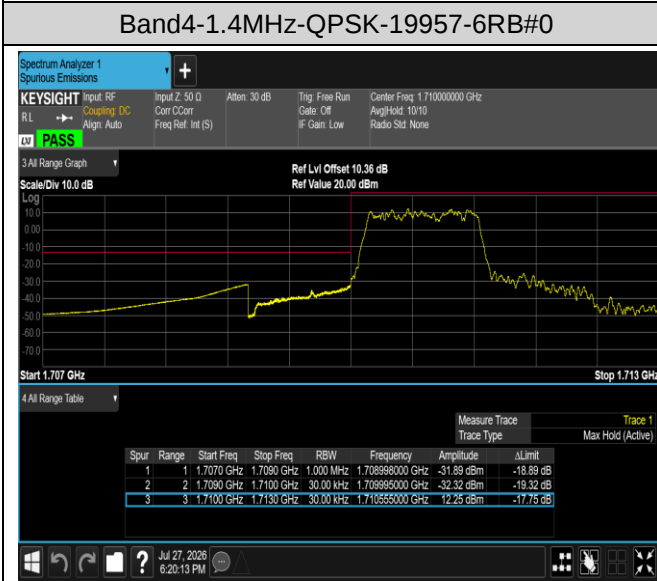
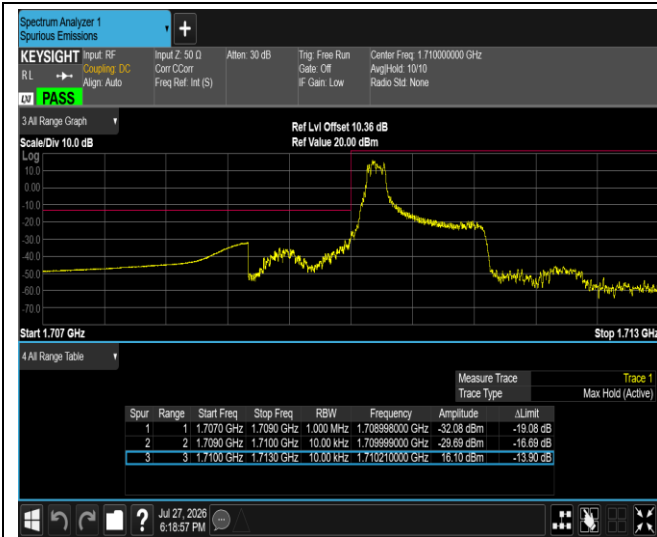
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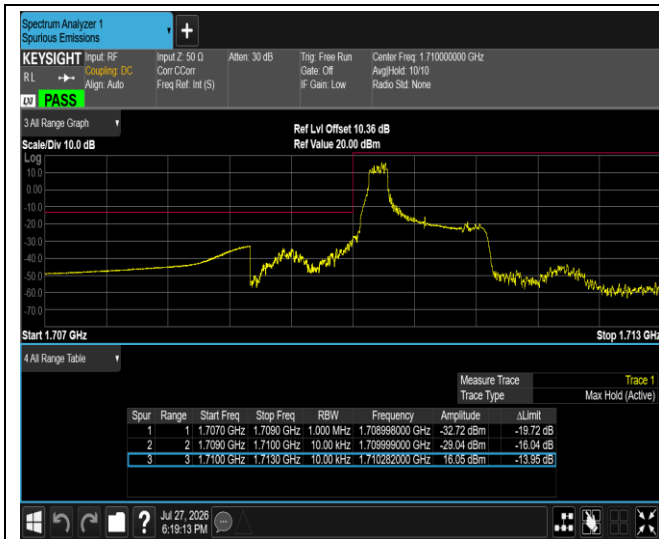


Band4-1.4MHz-QPSK-19957-1RB#0



Band4-1.4MHz-QPSK-19957-1RB#5

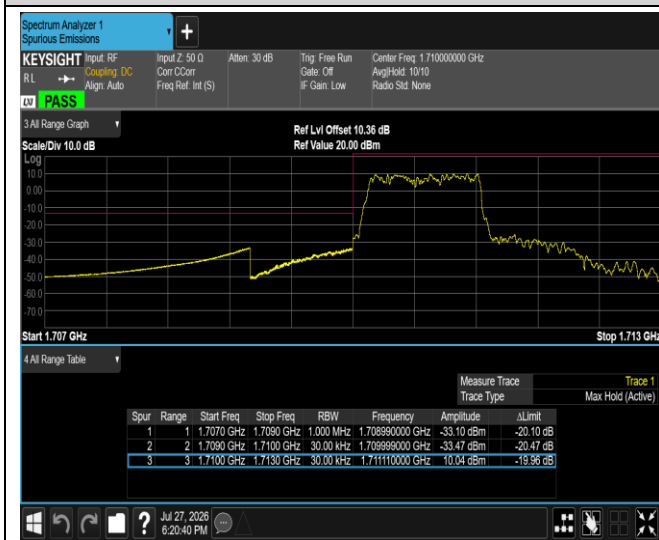




Band4-1.4MHz-16QAM-19957-6RB#0



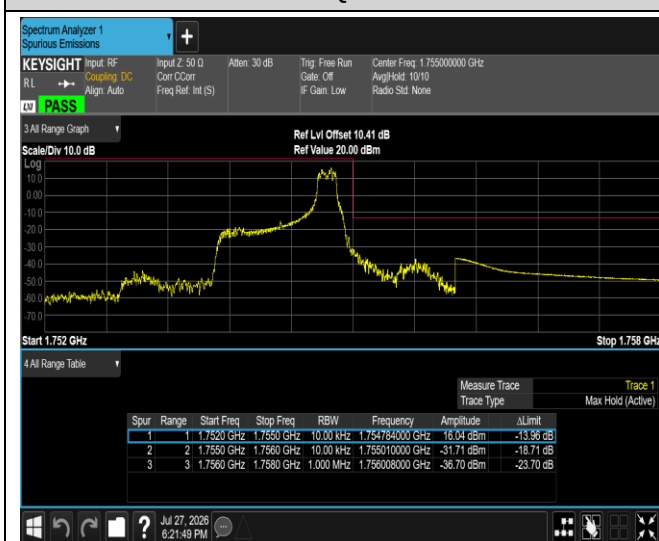
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Band4-1.4MHz-16QAM-20393-1RB#5



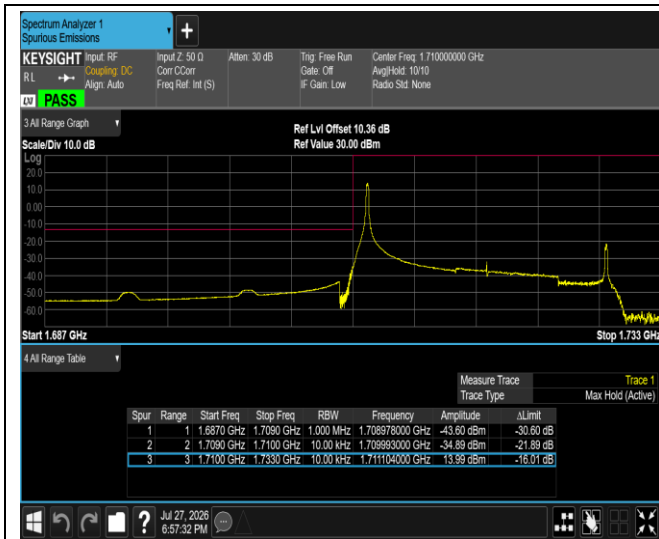
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Band4-20MHz-QPSK-20050-1RB#0



Band4-20MHz-QPSK-20050-1RB#99



Band4-20MHz-QPSK-20050-100RB#0



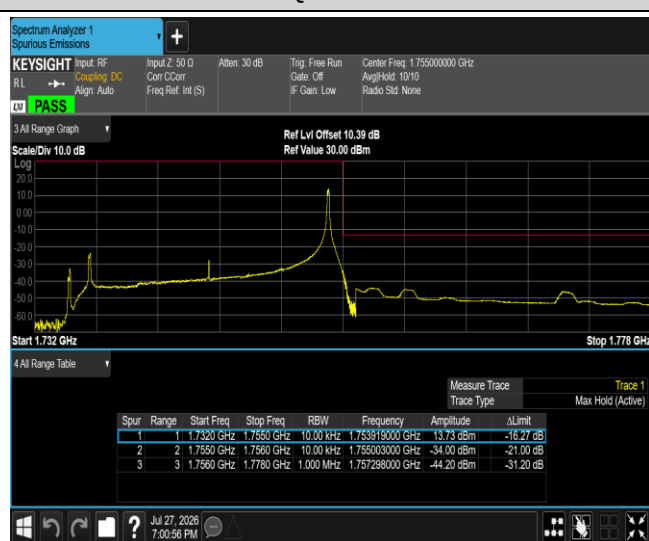
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Band4-20MHz-QPSK-20300-1RB#99



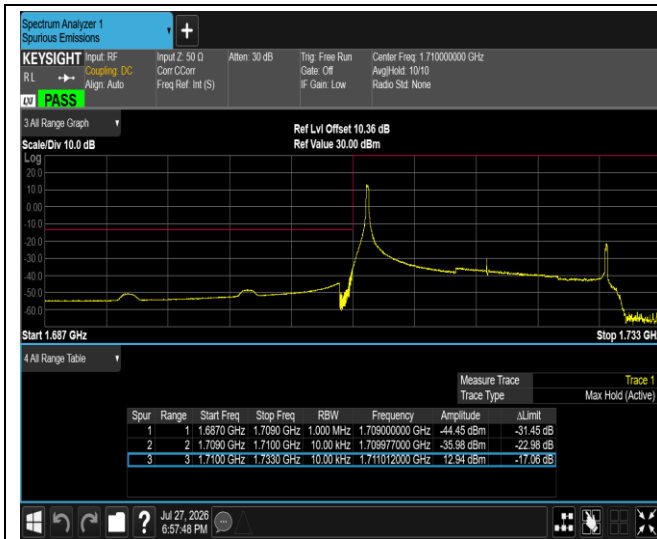
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Band4-20MHz-16QAM-20050-1RB#0



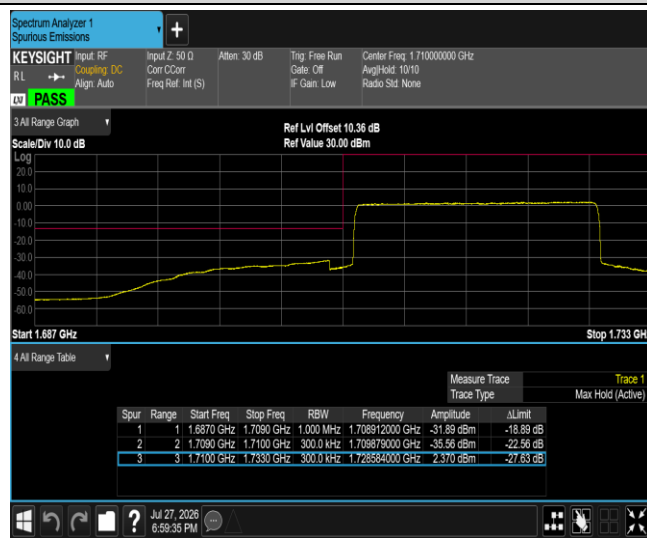
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Band4-20MHz-16QAM-20050-100RB#0



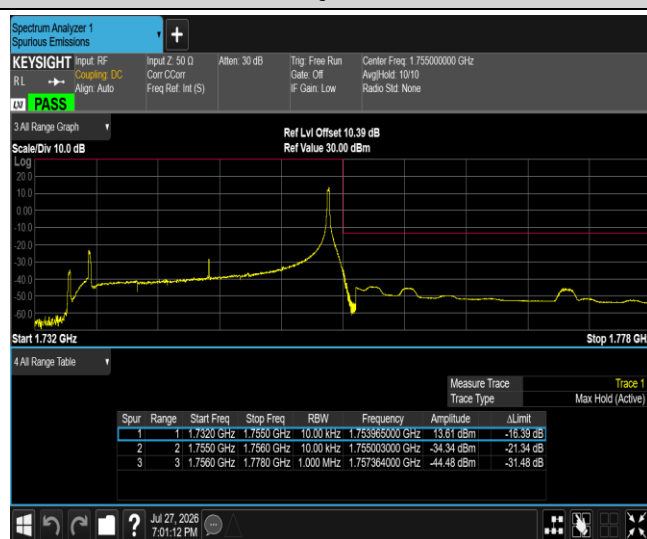
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Band4-20MHz-16QAM-20300-1RB#99



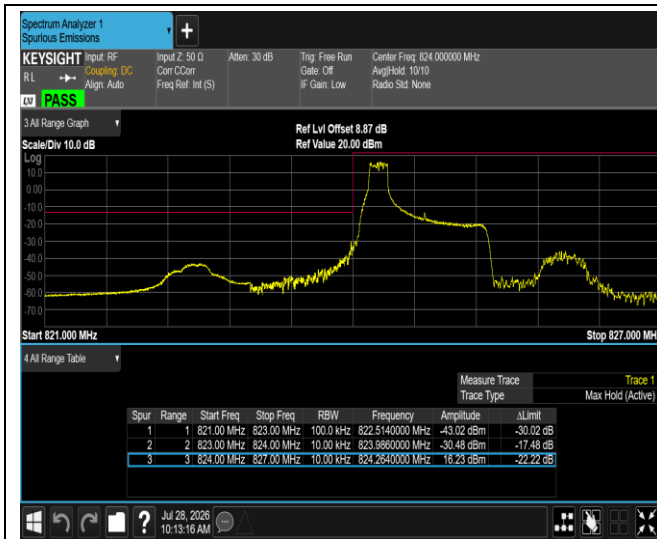
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Band5-1.4MHz-QPSK-20407-1RB#0



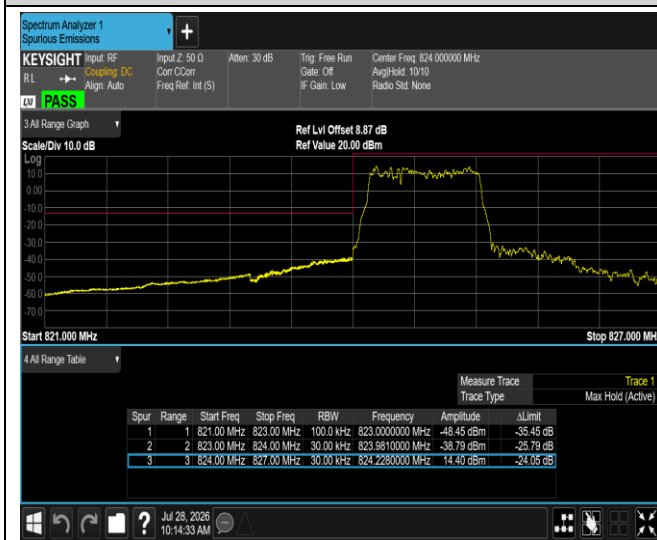
Band5-1.4MHz-QPSK-20407-1RB#5



Band5-1.4MHz-QPSK-20407-6RB#0



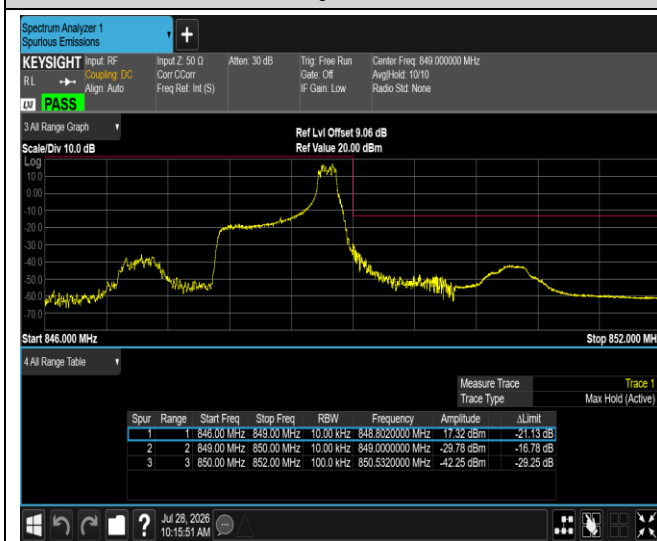
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Band5-1.4MHz-QPSK-20643-1RB#5



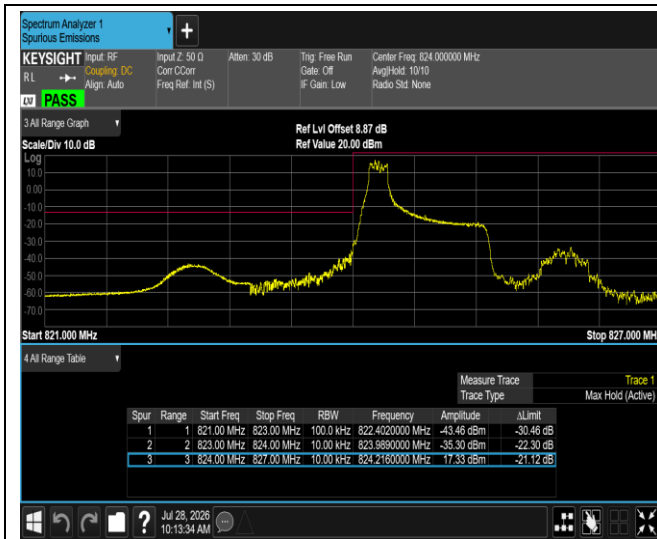
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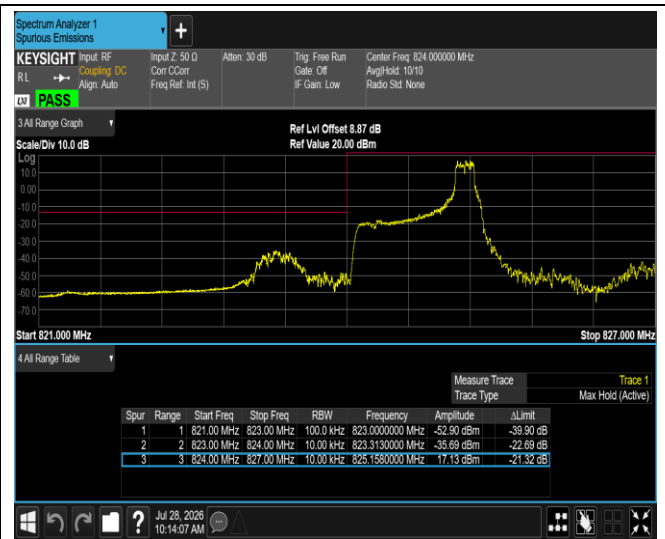
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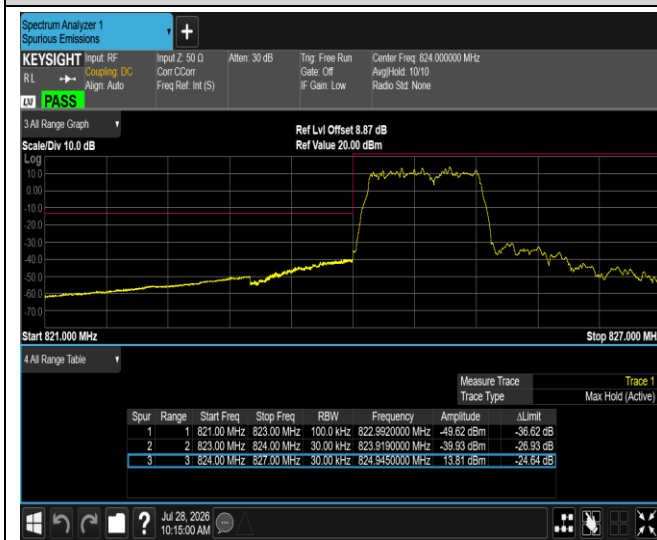
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Band5-1.4MHz-16QAM-20407-6RB#0



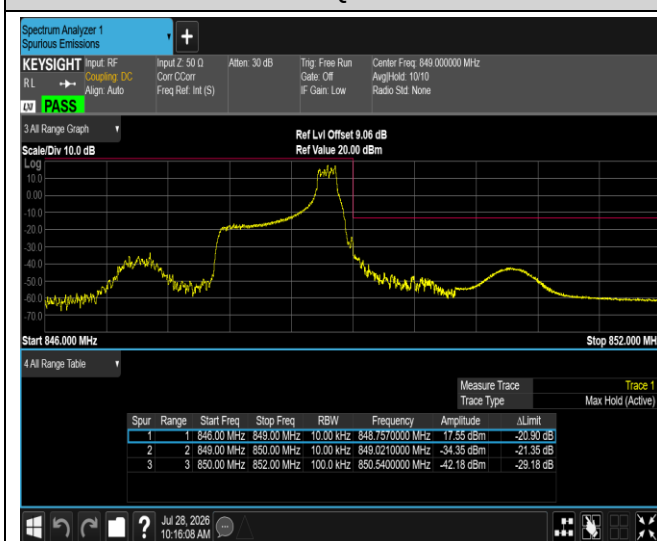
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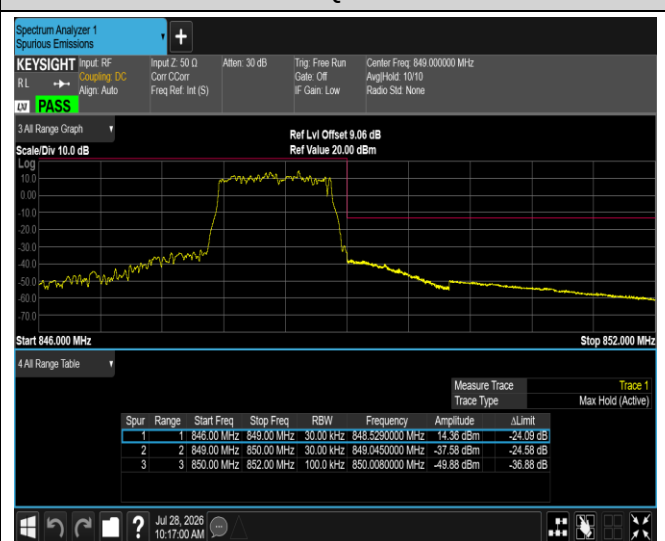
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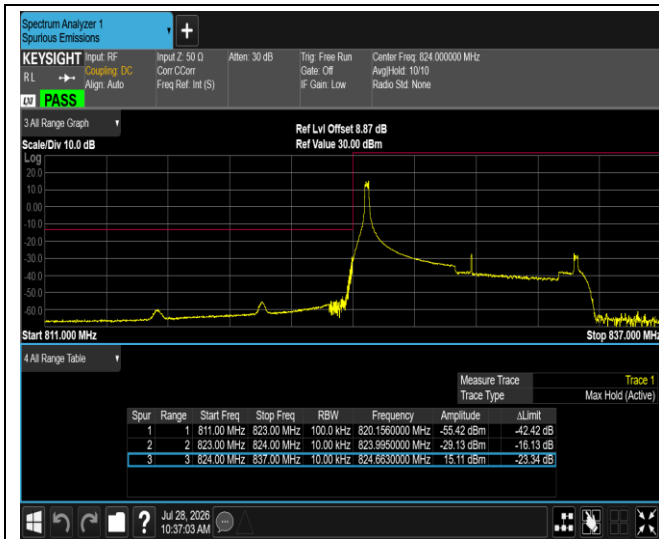
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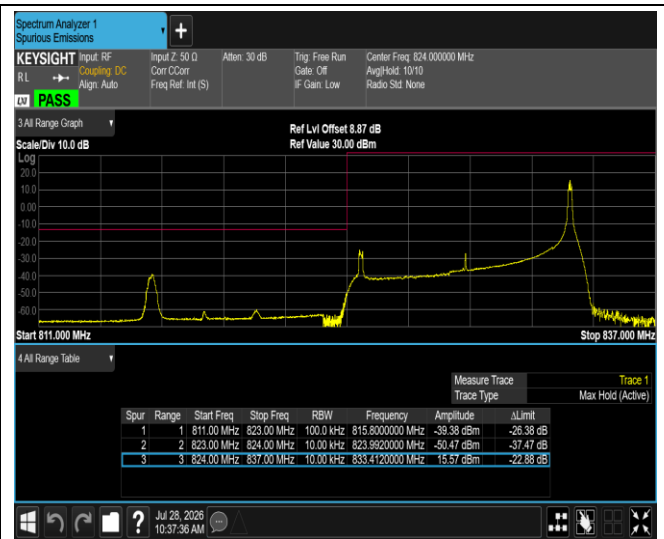
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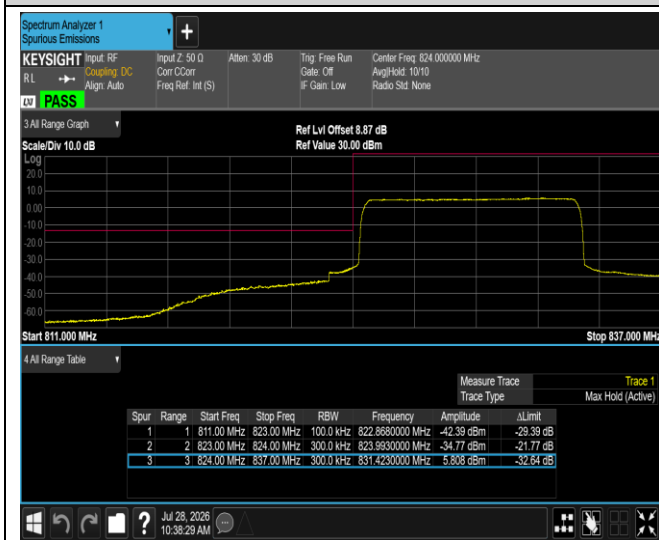
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Band5-10MHz-QPSK-20450-50RB#0



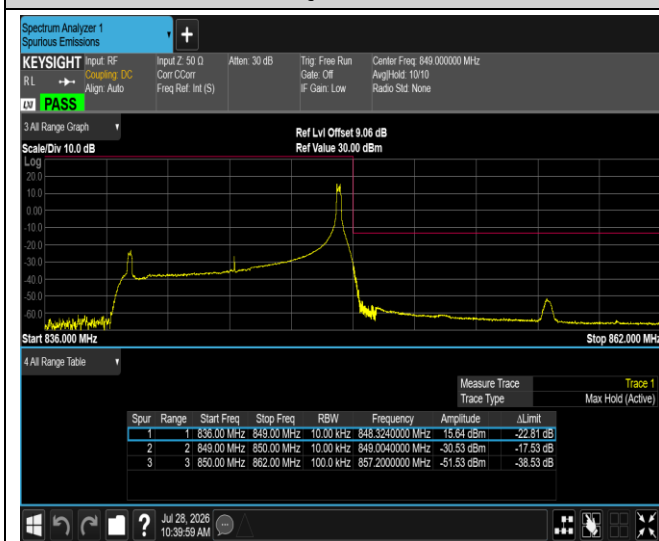
Band5-10MHz-QPSK-20600-1RB#0



Band5-10MHz-QPSK-20600-1RB#49



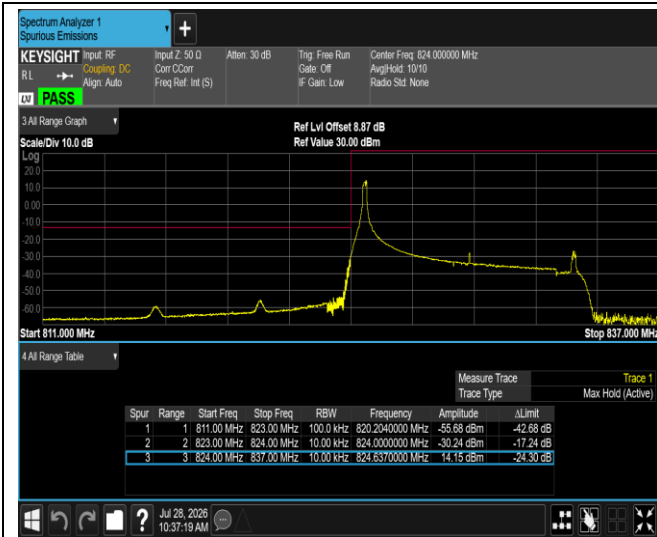
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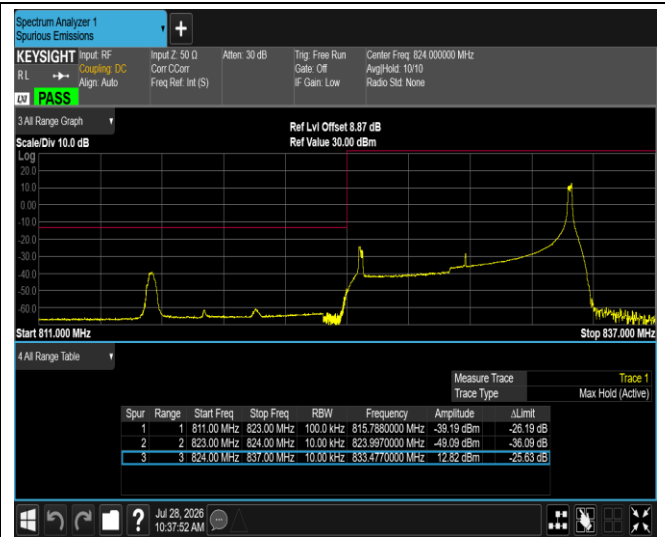
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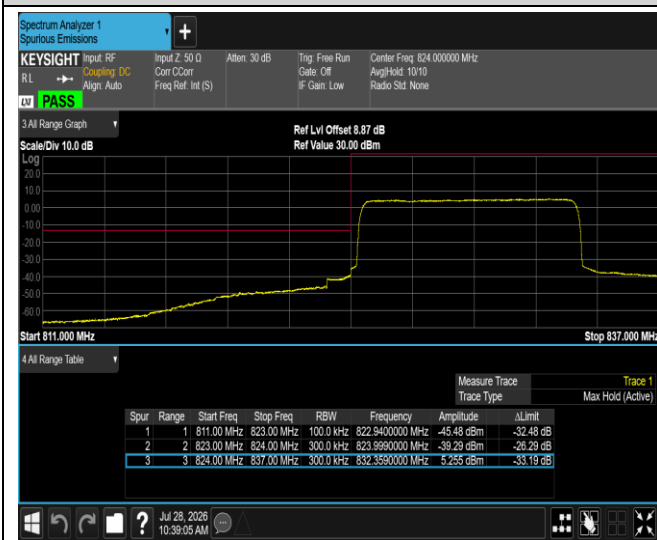
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Band5-10MHz-16QAM-20450-50RB#0



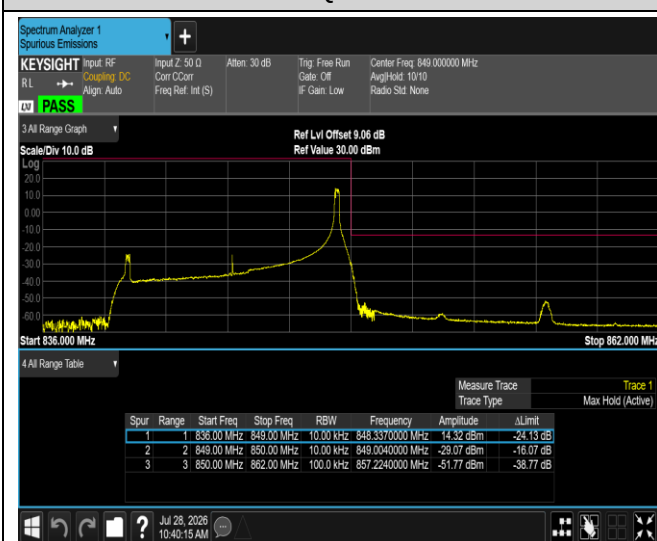
Band5-10MHz-16QAM-20600-1RB#0



Band5-10MHz-16QAM-20600-1RB#49



Band5-10MHz-16QAM-20600-50RB#0



Band7-5MHz-QPSK-20775-1RB#0



Band7-5MHz-QPSK-20775-1RB#24