

Appendix D: Band Edge

Test Result (worst case)

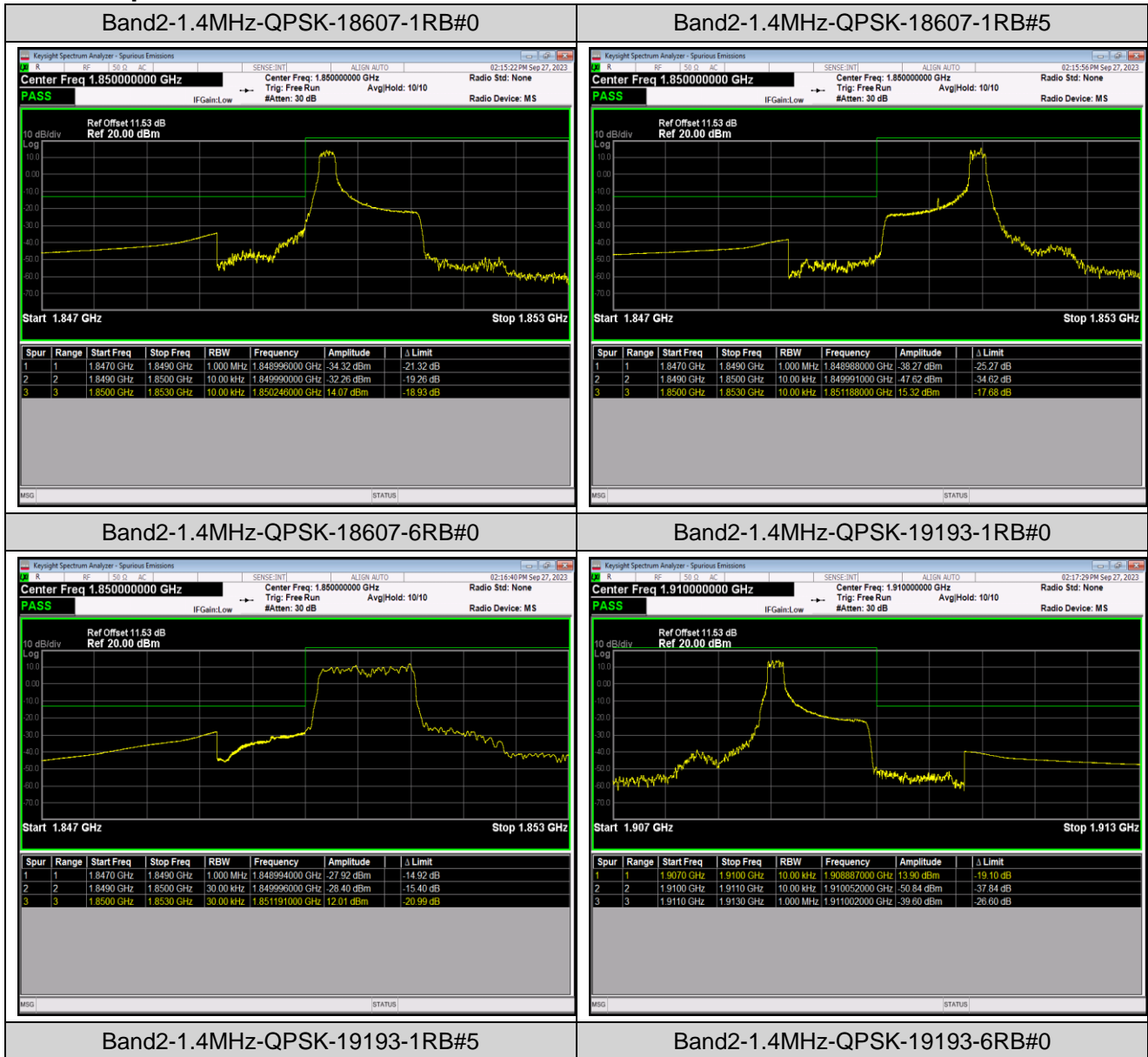
Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	-34.32,-32.26	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	-38.27,-47.62	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	-27.92,-28.40	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	-50.84,-39.60	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	-30.38,-29.97	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-32.82,-30.53	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	-35.18,-32.85	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	-39.40,-46.55	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-29.16,-30.22	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	-49.76,-40.76	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	-30.97,-32.26	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-32.47,-30.17	PASS
Band2	20MHz	QPSK	18700	1RB#0	-42.72,-35.73	PASS
Band2	20MHz	QPSK	18700	1RB#99	-44.96,-56.98	PASS
Band2	20MHz	QPSK	18700	100RB#0	-29.84,-33.34	PASS
Band2	20MHz	QPSK	19100	1RB#0	-57.48,-49.40	PASS
Band2	20MHz	QPSK	19100	1RB#99	-37.80,-43.00	PASS
Band2	20MHz	QPSK	19100	100RB#0	-33.80,-30.52	PASS
Band2	20MHz	16QAM	18700	1RB#0	-43.54,-36.17	PASS
Band2	20MHz	16QAM	18700	1RB#99	-44.76,-56.88	PASS
Band2	20MHz	16QAM	18700	100RB#0	-30.36,-33.81	PASS
Band2	20MHz	16QAM	19100	1RB#0	-58.03,-50.06	PASS
Band2	20MHz	16QAM	19100	1RB#99	-36.52,-44.13	PASS
Band2	20MHz	16QAM	19100	100RB#0	-34.37,-30.70	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	-31.33,-30.11	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	-34.63,-44.41	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	-32.28,-34.02	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	-46.72,-36.58	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	-33.42,-29.08	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-34.45,-31.19	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	-32.42,-31.40	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	-35.54,-44.73	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-32.52,-34.77	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	-46.21,-36.81	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	-30.92,-30.40	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-33.74,-31.09	PASS

Band4	20MHz	QPSK	20050	1RB#0	-43.49,-36.98	PASS
Band4	20MHz	QPSK	20050	1RB#99	-47.92,-57.85	PASS
Band4	20MHz	QPSK	20050	100RB#0	-32.97,-36.03	PASS
Band4	20MHz	QPSK	20300	1RB#0	-35.80,-31.38	PASS
Band4	20MHz	QPSK	20300	1RB#99	-36.12,-42.53	PASS
Band4	20MHz	QPSK	20300	100RB#0	-36.81,-33.20	PASS
Band4	20MHz	16QAM	20050	1RB#0	-44.12,-36.54	PASS
Band4	20MHz	16QAM	20050	1RB#99	-50.04,-60.05	PASS
Band4	20MHz	16QAM	20050	100RB#0	-33.42,-37.05	PASS
Band4	20MHz	16QAM	20300	1RB#0	-36.99,-33.40	PASS
Band4	20MHz	16QAM	20300	1RB#99	-37.84,-44.14	PASS
Band4	20MHz	16QAM	20300	100RB#0	-37.32,-33.46	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	-54.34,-33.56	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	-56.39,-42.96	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	-44.93,-41.85	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	-42.89,-56.27	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	-34.57,-50.76	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-40.93,-44.32	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	-54.52,-35.10	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	-56.65,-42.31	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-44.41,-42.27	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	-43.02,-56.66	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	-34.18,-51.79	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-40.87,-43.13	PASS
Band5	10MHz	QPSK	20450	1RB#0	-57.52,-37.47	PASS
Band5	10MHz	QPSK	20450	1RB#49	-44.08,-49.54	PASS
Band5	10MHz	QPSK	20450	50RB#0	-49.03,-40.33	PASS
Band5	10MHz	QPSK	20600	1RB#0	-51.81,-40.37	PASS
Band5	10MHz	QPSK	20600	1RB#49	-31.74,-56.46	PASS
Band5	10MHz	QPSK	20600	50RB#0	-40.28,-49.57	PASS
Band5	10MHz	16QAM	20450	1RB#0	-58.36,-34.95	PASS
Band5	10MHz	16QAM	20450	1RB#49	-44.58,-53.17	PASS
Band5	10MHz	16QAM	20450	50RB#0	-48.20,-40.78	PASS
Band5	10MHz	16QAM	20600	1RB#0	-53.40,-40.23	PASS
Band5	10MHz	16QAM	20600	1RB#49	-34.08,-58.34	PASS
Band5	10MHz	16QAM	20600	50RB#0	-39.71,-48.41	PASS
Band7	5MHz	QPSK	20775	1RB#0	-47.10,-41.45,-37.64,-25.58	PASS
Band7	5MHz	QPSK	20775	1RB#24	-48.36,-36.55,-36.84,-44.74	PASS
Band7	5MHz	QPSK	20775	25RB#0	-41.12,-37.07,-24.81,-29.09	PASS
Band7	5MHz	QPSK	21425	1RB#0	-44.41,-35.12,-47.70,-47.77	PASS
Band7	5MHz	QPSK	21425	1RB#24	-27.53,-36.35,-46.70,-46.65	PASS
Band7	5MHz	QPSK	21425	25RB#0	-28.14,-23.12,-37.72,-37.87	PASS

Band7	5MHz	16QAM	20775	1RB#0	-47.43,-43.97,-39.49,-26.27	PASS
Band7	5MHz	16QAM	20775	1RB#24	-48.62,-35.54,-35.92,-46.53	PASS
Band7	5MHz	16QAM	20775	25RB#0	-41.20,-37.26,-25.87,-30.16	PASS
Band7	5MHz	16QAM	21425	1RB#0	-46.93,-34.90,-47.87,-48.06	PASS
Band7	5MHz	16QAM	21425	1RB#24	-29.44,-38.56,-46.93,-46.42	PASS
Band7	5MHz	16QAM	21425	25RB#0	-29.28,-23.98,-36.94,-37.84	PASS
Band7	20MHz	QPSK	20850	1RB#0	-36.50,-41.23,-37.28	PASS
Band7	20MHz	QPSK	20850	1RB#99	-37.96,-45.88,-55.02	PASS
Band7	20MHz	QPSK	20850	100RB#0	-35.93,-32.45,-30.48,-34.00	PASS
Band7	20MHz	QPSK	21350	1RB#0	-57.08,-46.01,-38.26,-49.48	PASS
Band7	20MHz	QPSK	21350	1RB#99	-35.96,-41.19,-35.83,-49.48	PASS
Band7	20MHz	QPSK	21350	100RB#0	-30.35,-26.55,-28.77,-48.01	PASS
Band7	20MHz	16QAM	20850	1RB#0	-38.10,-42.28,-37.40	PASS
Band7	20MHz	16QAM	20850	1RB#99	-39.40,-46.62,-55.30	PASS
Band7	20MHz	16QAM	20850	100RB#0	-36.83,-33.94,-32.22,-35.43	PASS
Band7	20MHz	16QAM	21350	1RB#0	-57.04,-46.69,-39.18,-49.44	PASS
Band7	20MHz	16QAM	21350	1RB#99	-40.00,-42.35,-38.46,-49.43	PASS
Band7	20MHz	16QAM	21350	100RB#0	-32.50,-28.48,-30.04,-47.88	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	-37.24,-33.69	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	-38.02,-54.18	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	-38.22,-41.51	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	-53.06,-38.59	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	-28.70,-35.05	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-39.31,-36.53	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	-37.95,-35.22	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	-38.69,-54.54	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-36.70,-40.31	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	-54.93,-38.78	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	-35.74,-38.24	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-39.67,-37.17	PASS
Band12	10MHz	QPSK	23060	1RB#0	-50.87,-34.46	PASS
Band12	10MHz	QPSK	23060	1RB#49	-48.86,-51.02	PASS
Band12	10MHz	QPSK	23060	50RB#0	-46.00,-45.75	PASS
Band12	10MHz	QPSK	23130	1RB#0	-50.07,-59.35	PASS
Band12	10MHz	QPSK	23130	1RB#49	-33.24,-41.47	PASS
Band12	10MHz	QPSK	23130	50RB#0	-42.76,-41.71	PASS
Band12	10MHz	16QAM	23060	1RB#0	-52.52,-35.82	PASS
Band12	10MHz	16QAM	23060	1RB#49	-50.72,-51.88	PASS
Band12	10MHz	16QAM	23060	50RB#0	-45.85,-46.20	PASS
Band12	10MHz	16QAM	23130	1RB#0	-51.26,-56.73	PASS
Band12	10MHz	16QAM	23130	1RB#49	-33.88,-52.08	PASS
Band12	10MHz	16QAM	23130	50RB#0	-43.29,-42.05	PASS

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

Test Graphs





Band2-1.4MHz-16QAM-18607-1RB#0



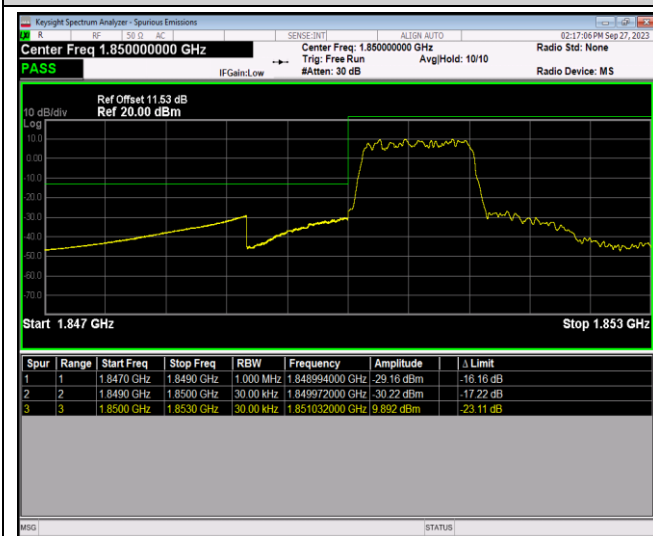
Band2-1.4MHz-16QAM-18607-1RB#5



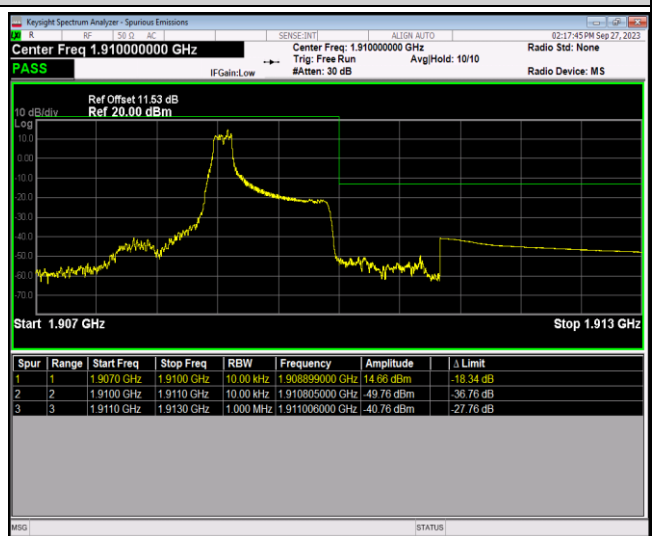
Band2-1.4MHz-16QAM-18607-6RB#0



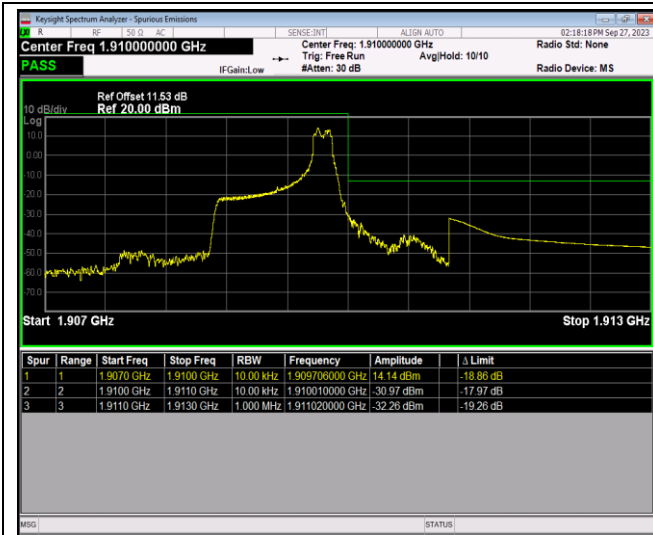
Band2-1.4MHz-16QAM-18607-6RB#5



Band2-1.4MHz-16QAM-19193-1RB#5



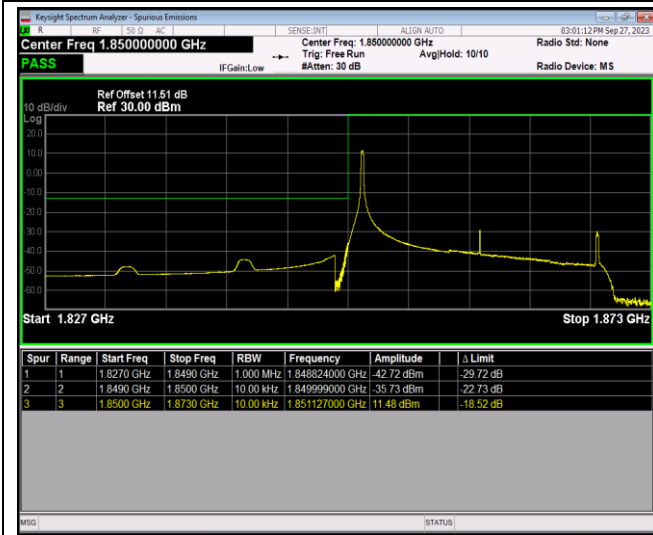
Band2-1.4MHz-16QAM-19193-6RB#0



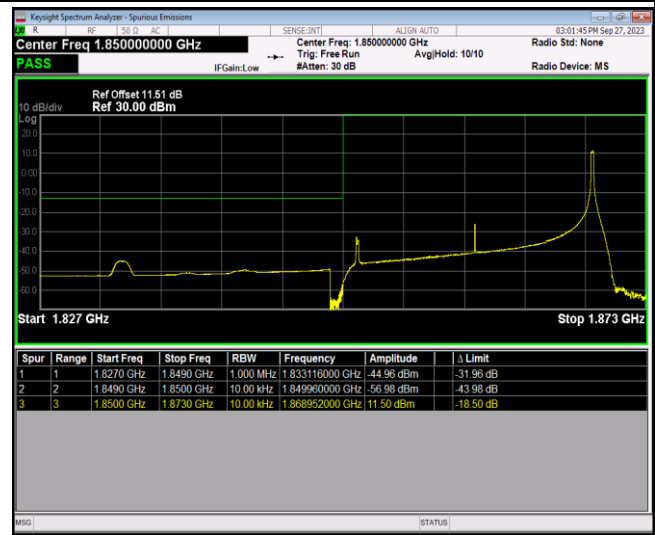
Band2-20MHz-QPSK-18700-1RB#0



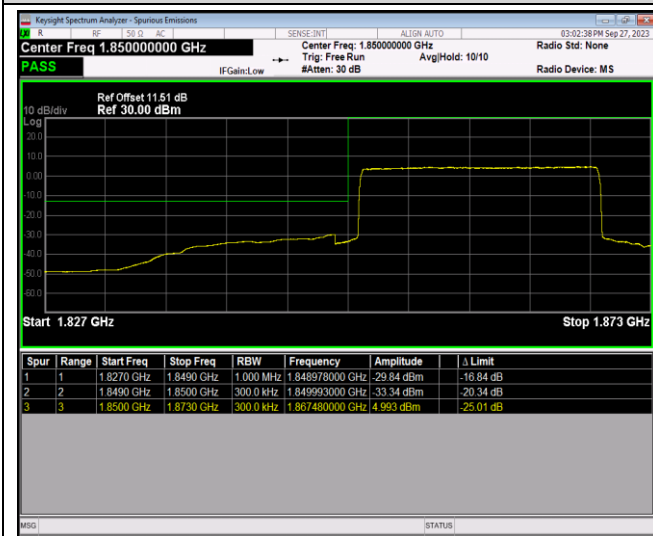
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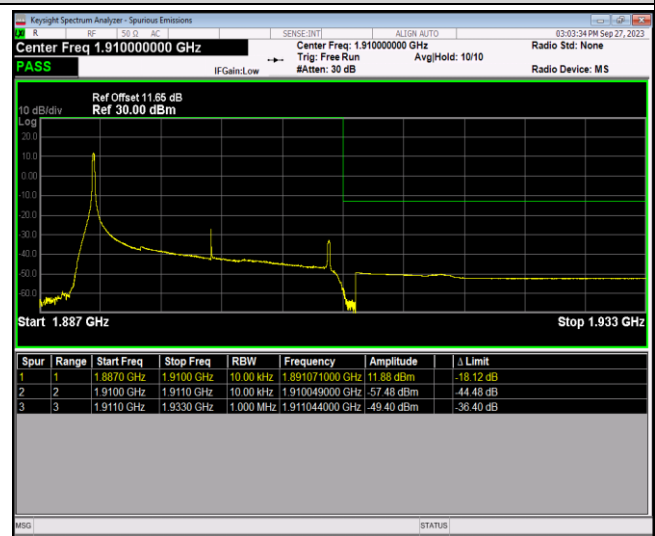
Band2-20MHz-QPSK-18700-100RB#0



Band2-20MHz-QPSK-18700-100RB#99



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



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



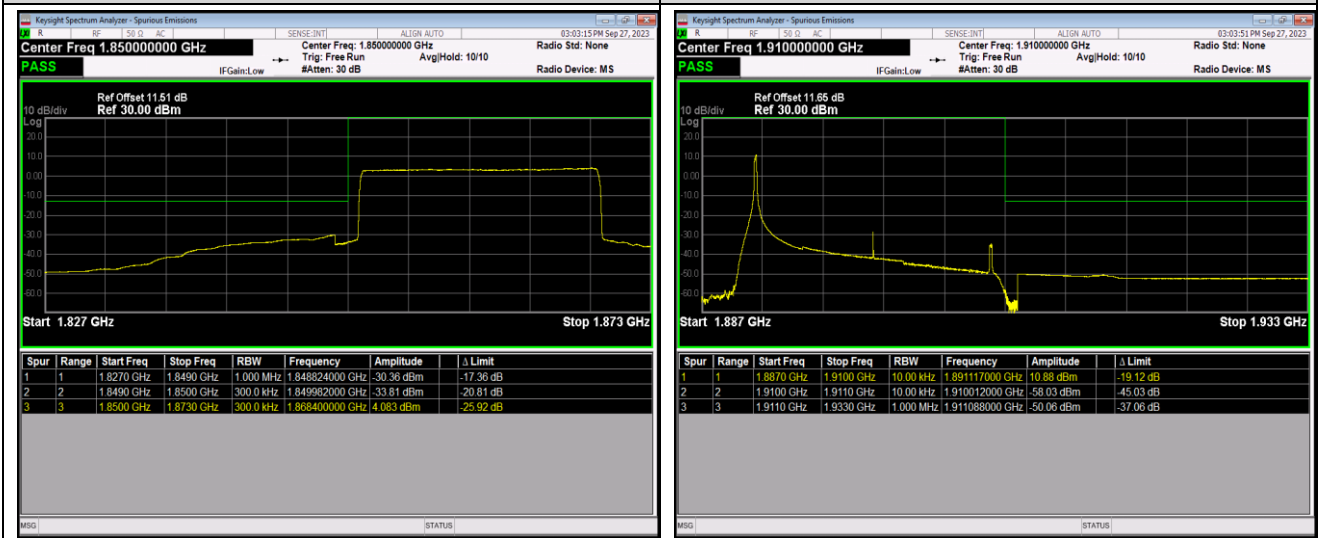
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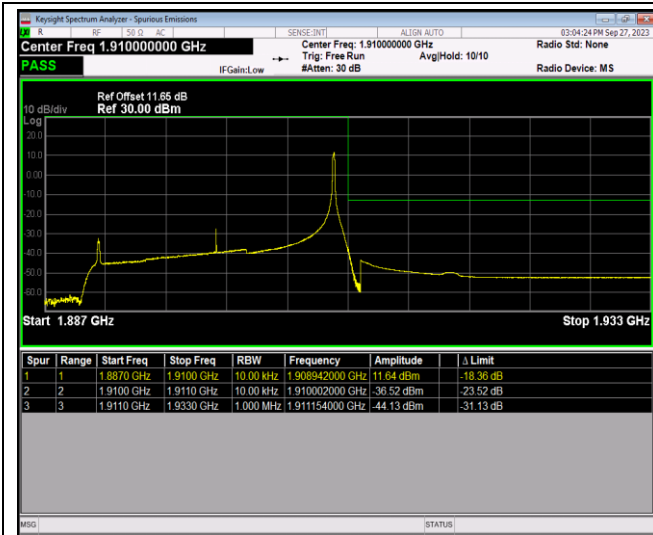
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Band2-20MHz-16QAM-19100-1RB#0

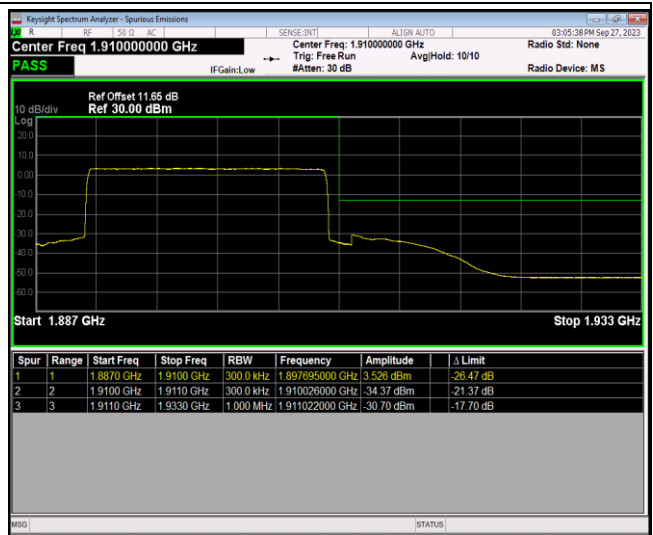


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Band2-20MHz-16QAM-19100-100RB#0



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



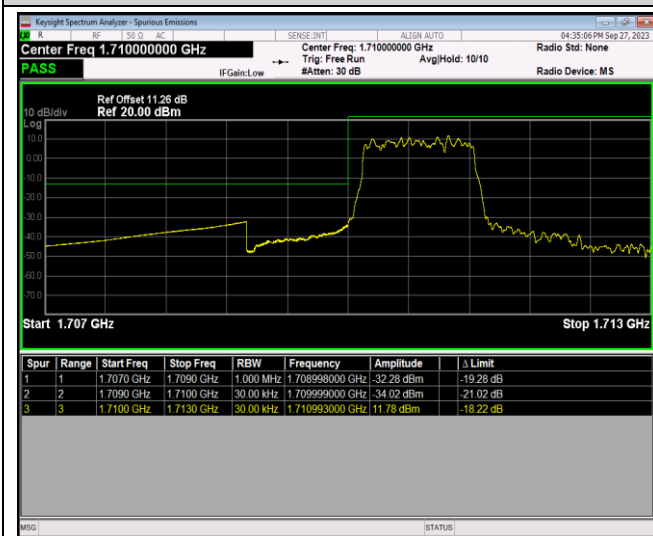
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Band4-1.4MHz-QPSK-19957-6RB#0



Band4-1.4MHz-QPSK-20393-1RB#0



Band4-1.4MHz-QPSK-20393-1RB#5



Band4-1.4MHz-QPSK-20393-6RB#0



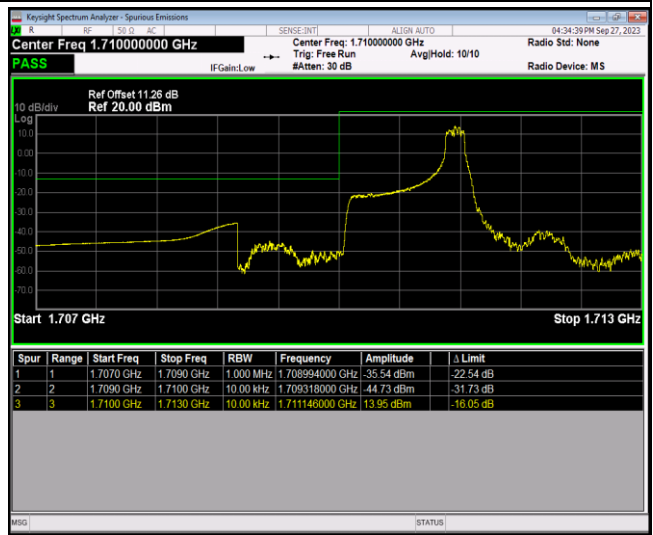
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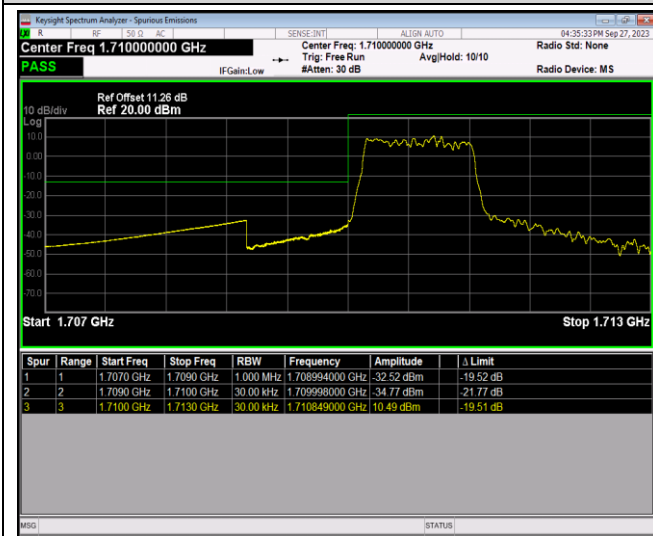
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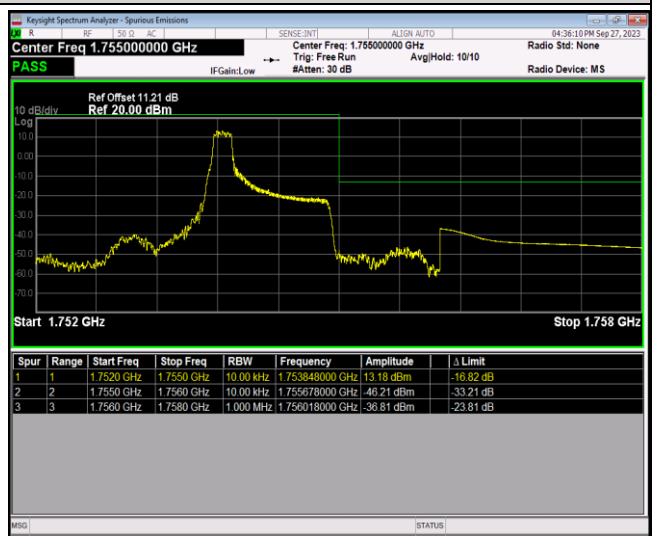
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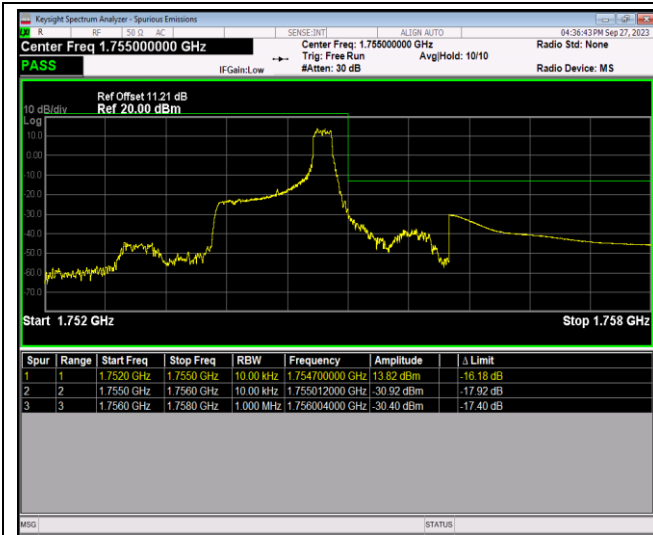
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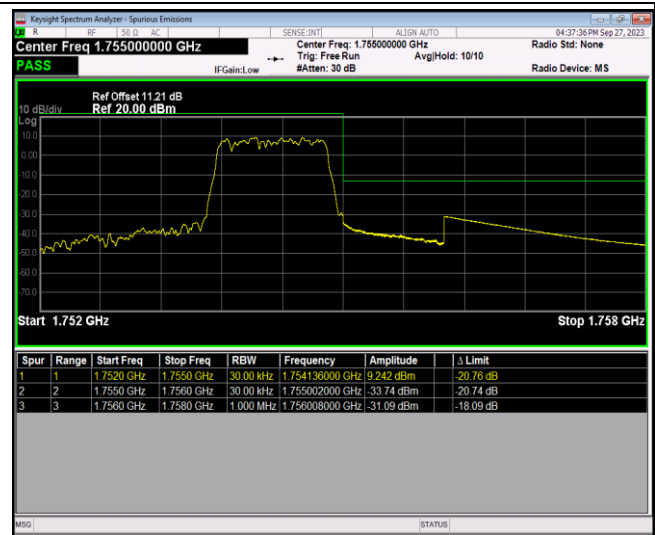
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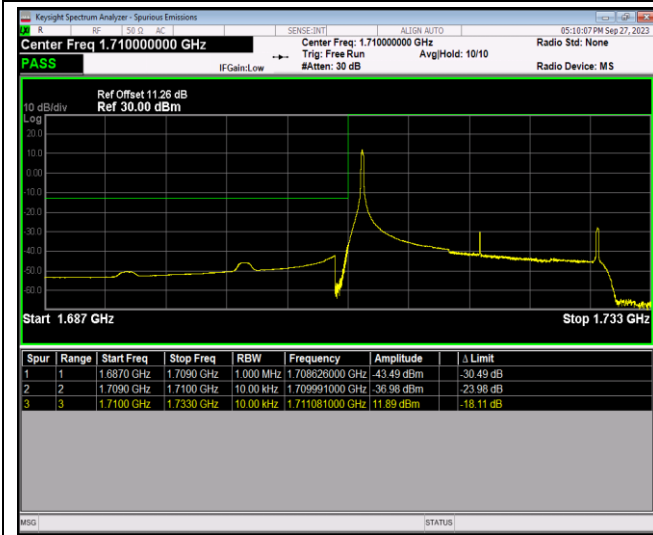
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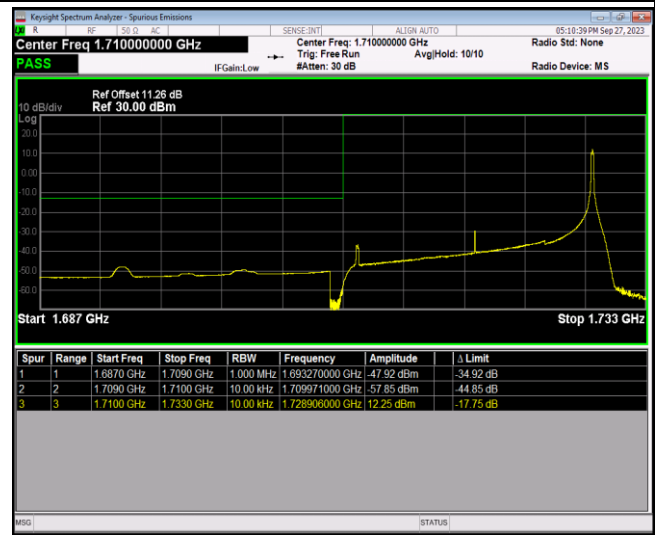
Band4-20MHz-QPSK-20050-1RB#0



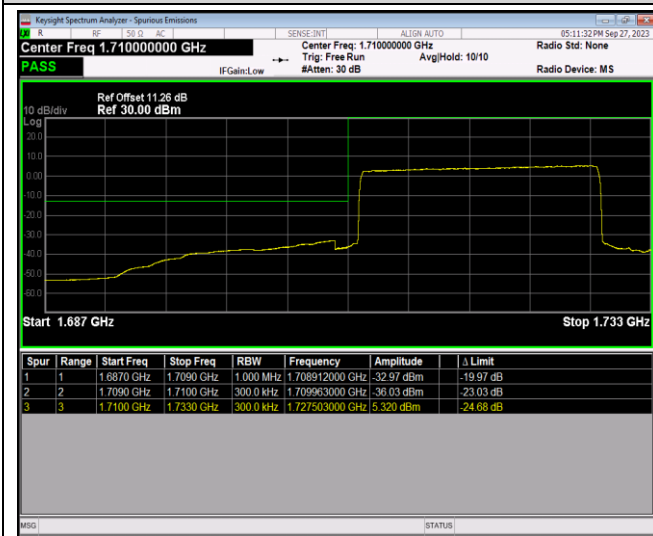
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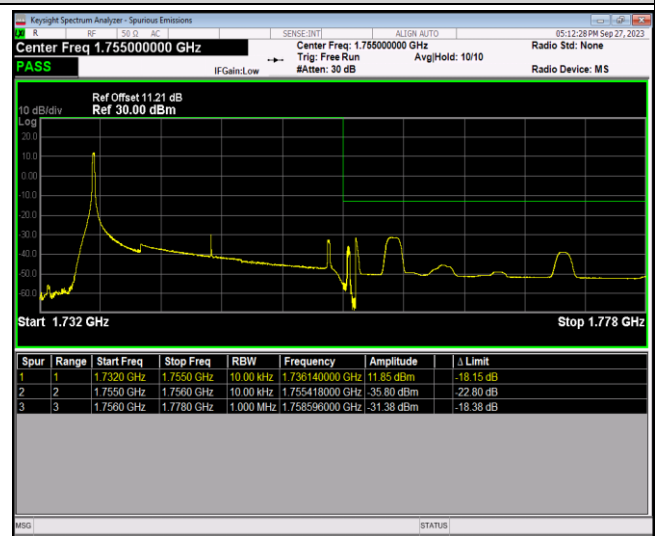
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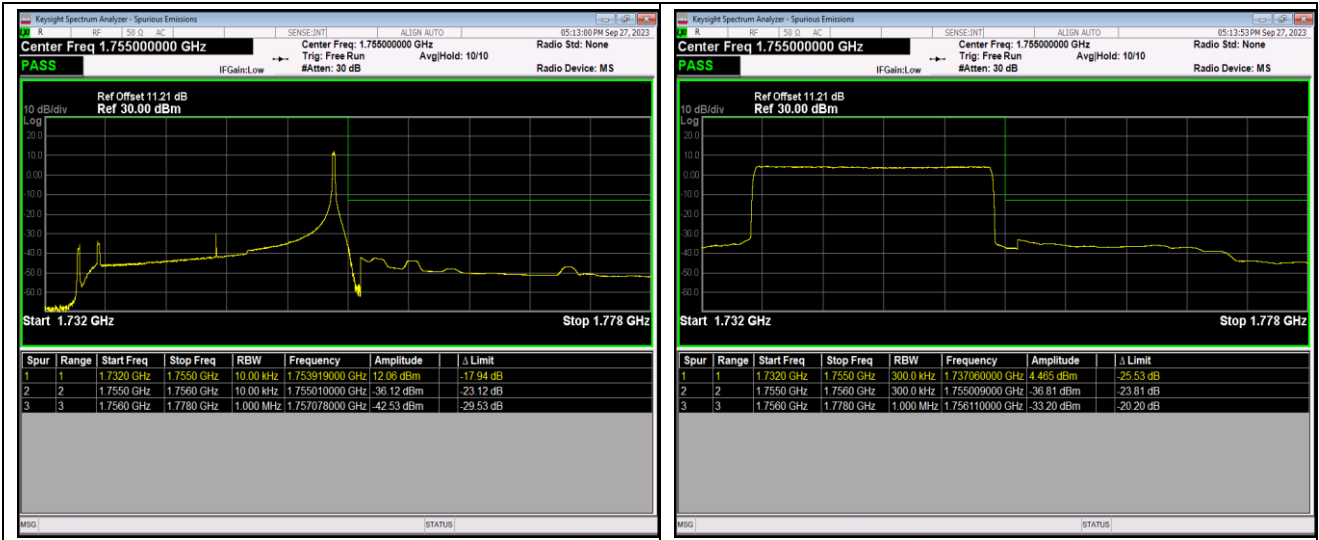
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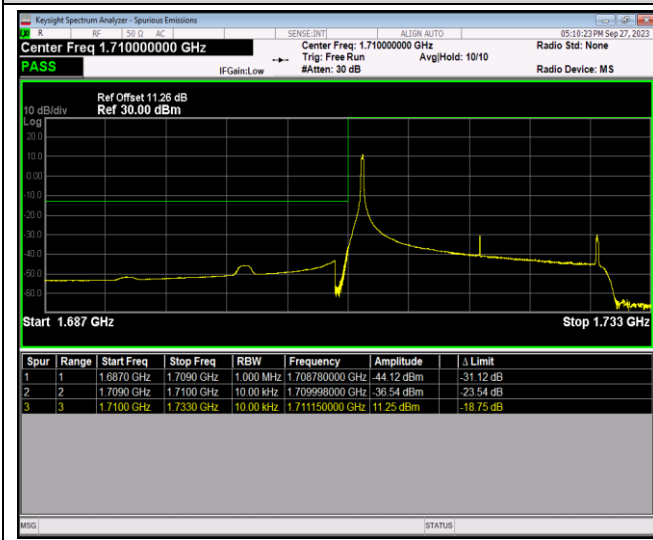


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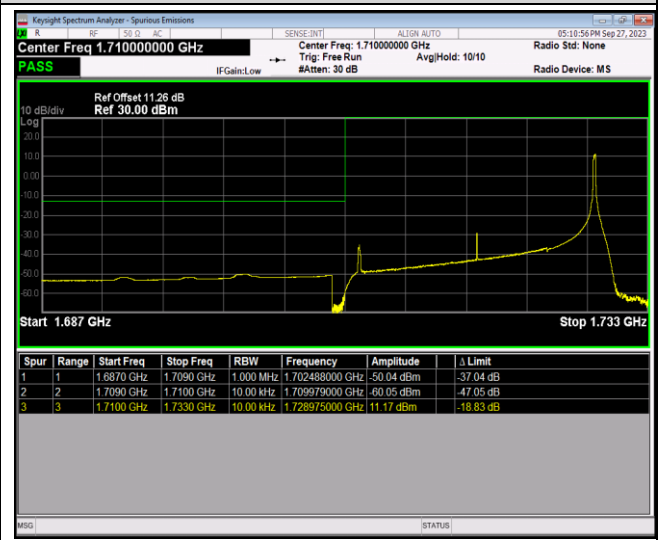


Band4-20MHz-16QAM-20050-1RB#0

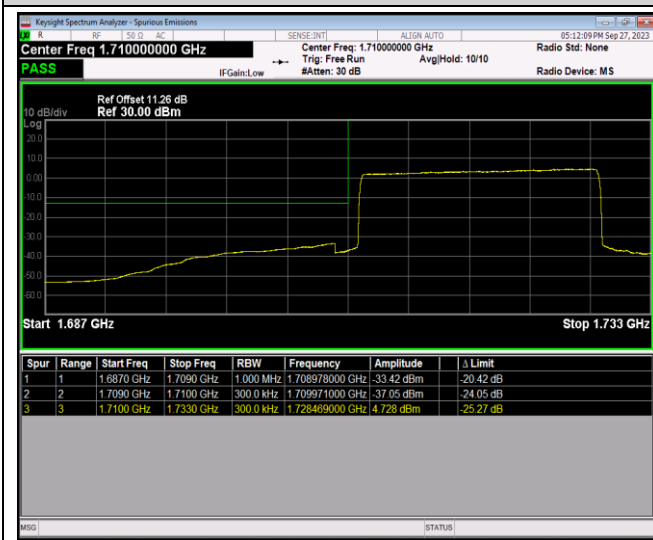
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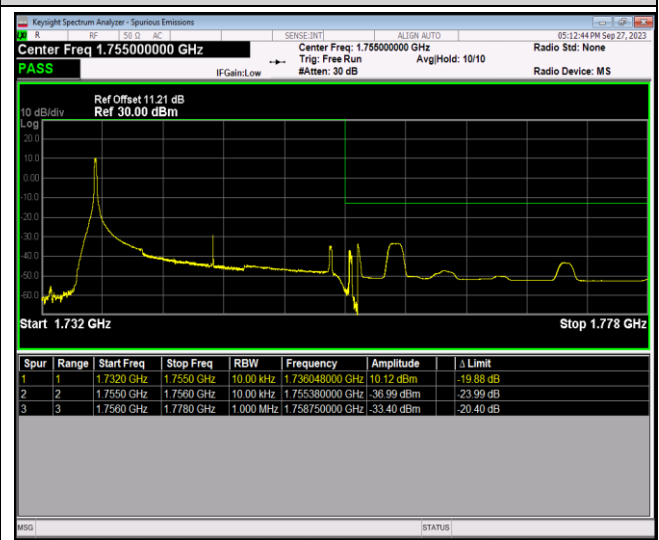
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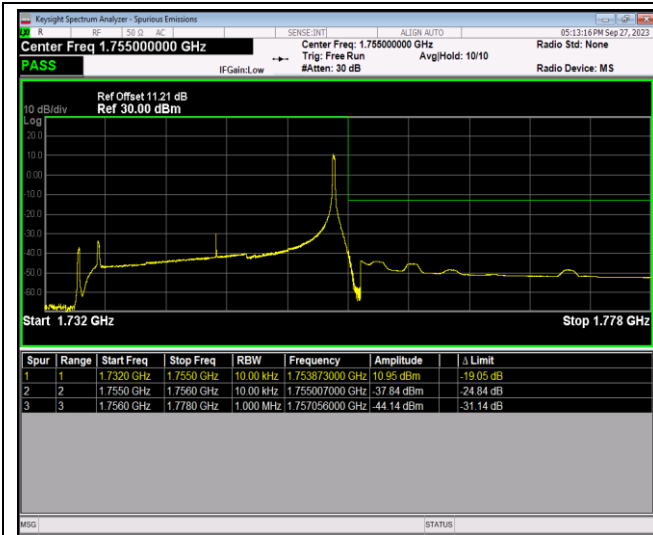
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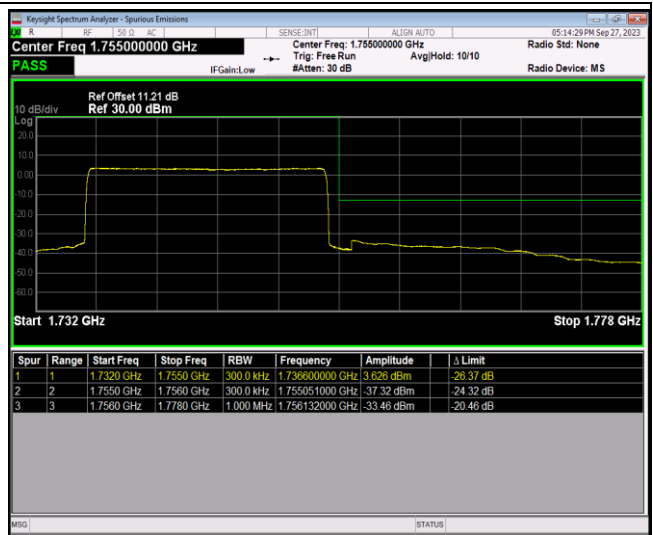
Band4-20MHz-16QAM-20300-1RB#99



Band4-20MHz-16QAM-20300-100RB#0



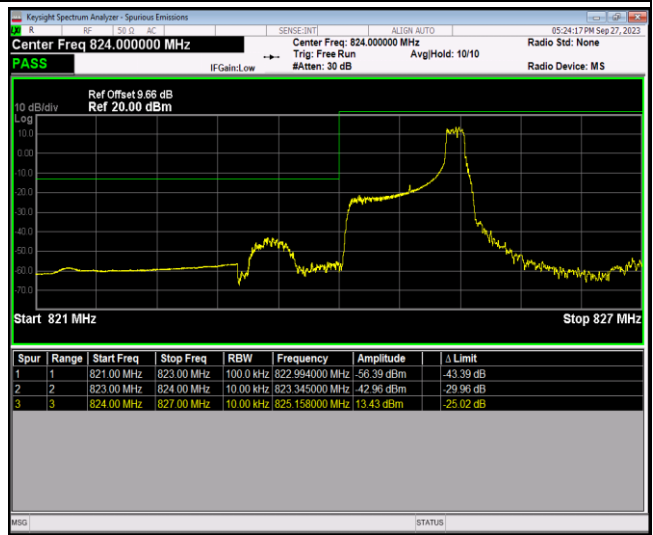
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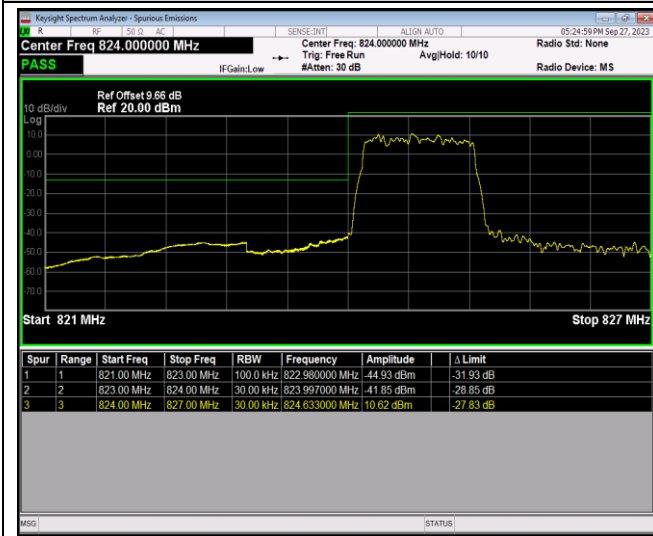
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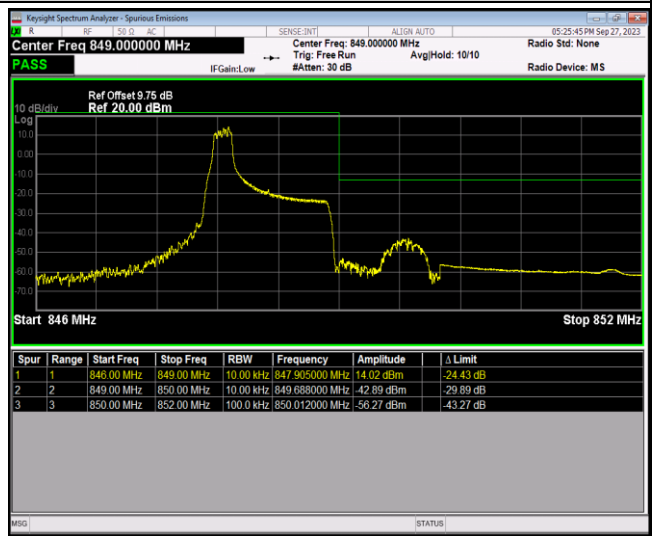
Band5-1.4MHz-QPSK-20407-6RB#0



Band5-1.4MHz-QPSK-20643-1RB#0



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

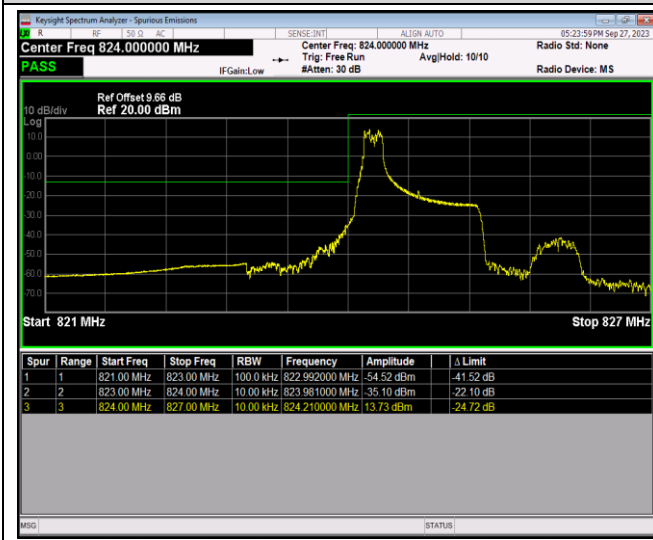


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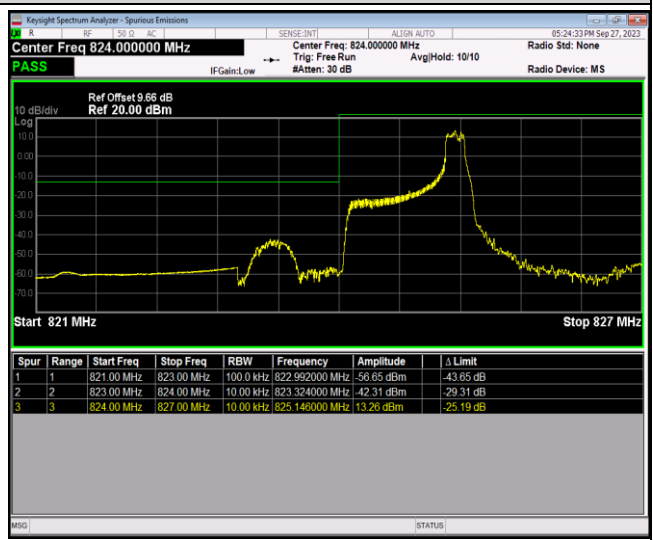


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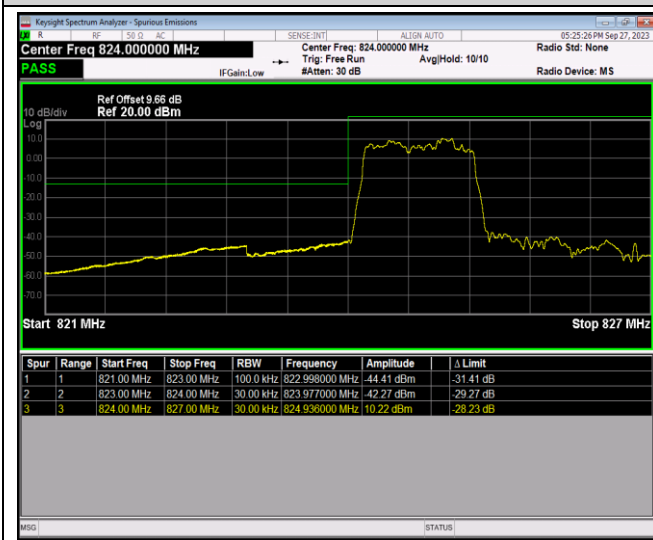
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Band5-1.4MHz-16QAM-20407-6RB#0



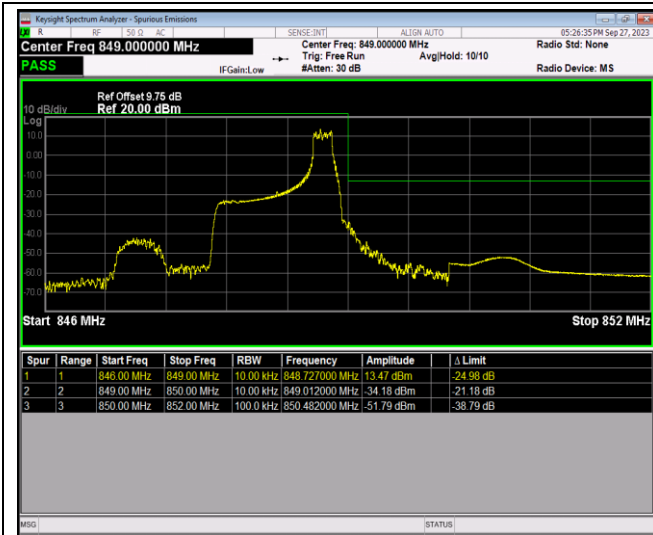
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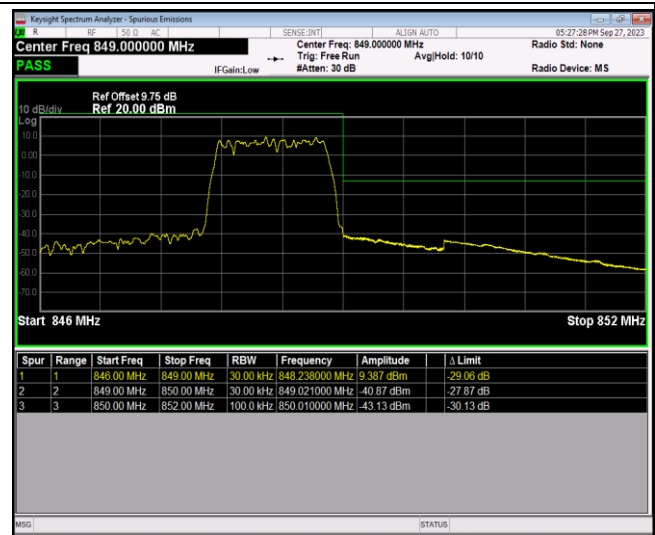
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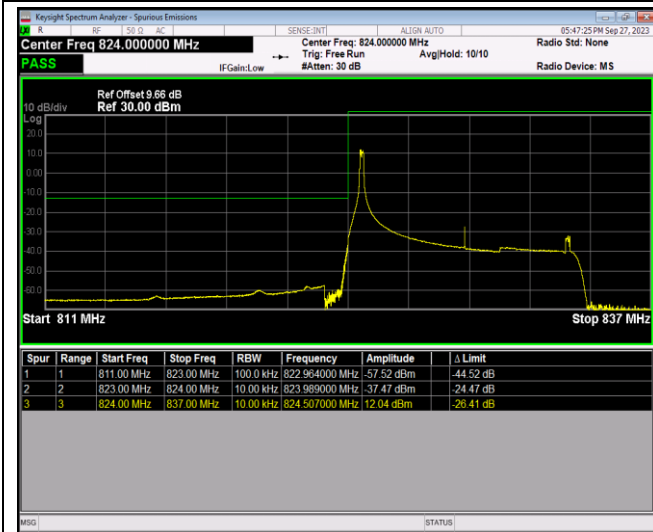
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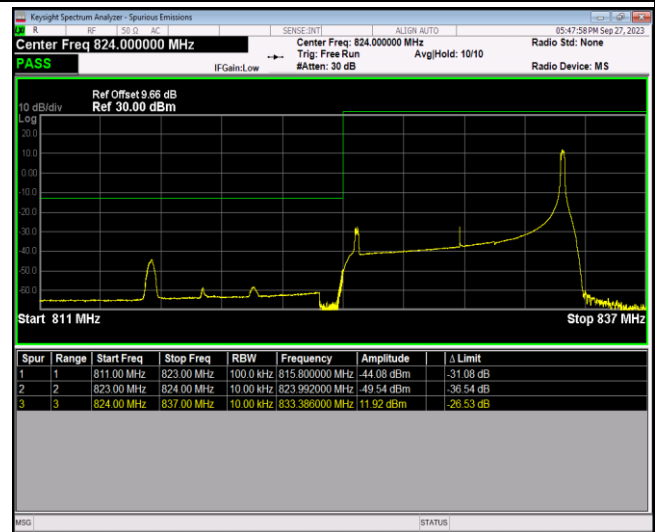
Band5-10MHz-QPSK-20450-1RB#0



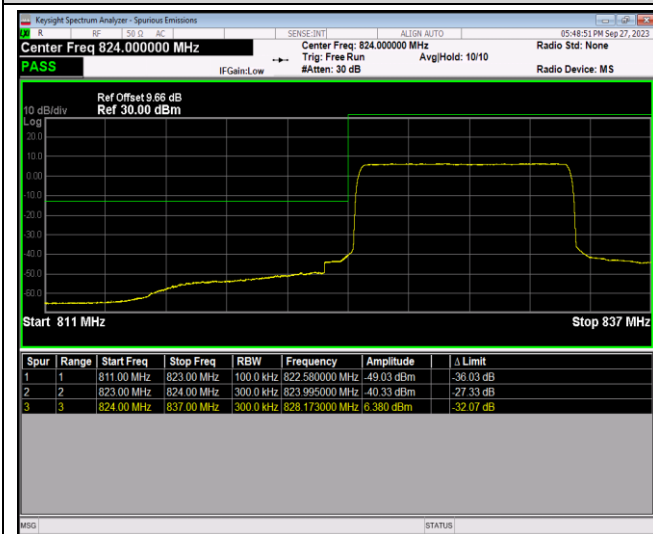
Band5-10MHz-QPSK-20450-1RB#49



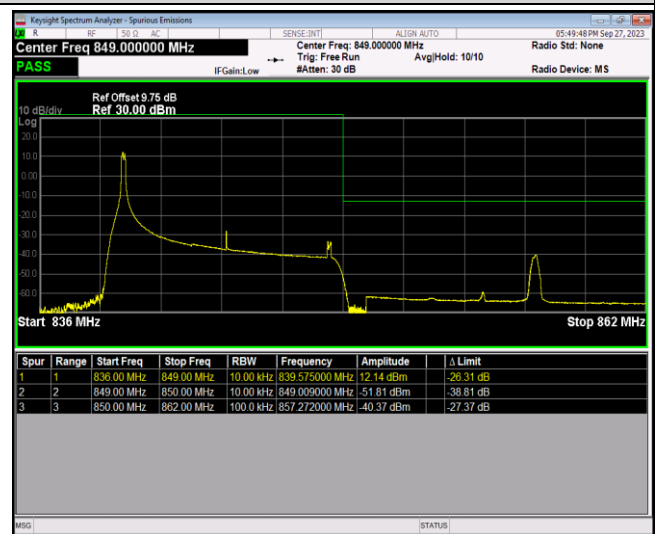
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Band5-10MHz-QPSK-20600-1RB#0



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

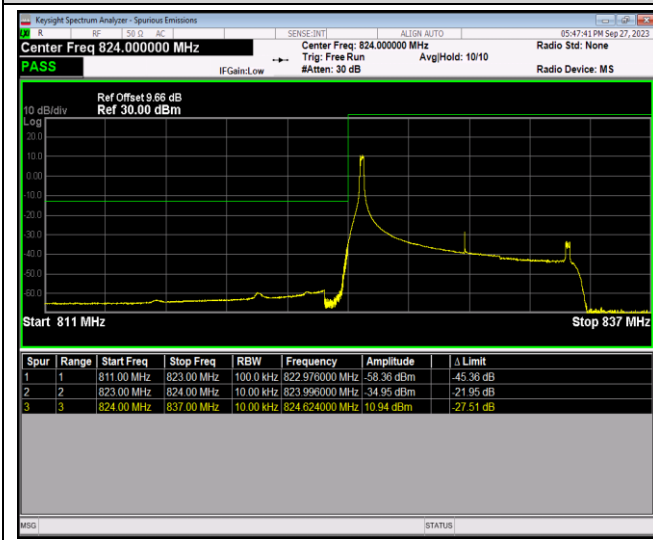


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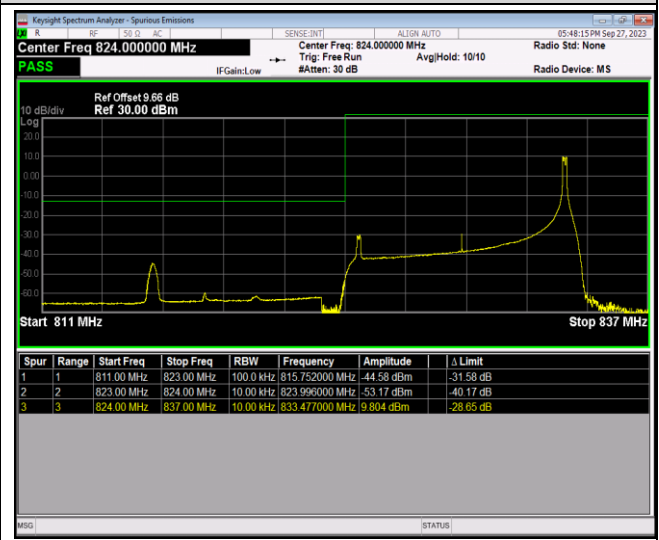


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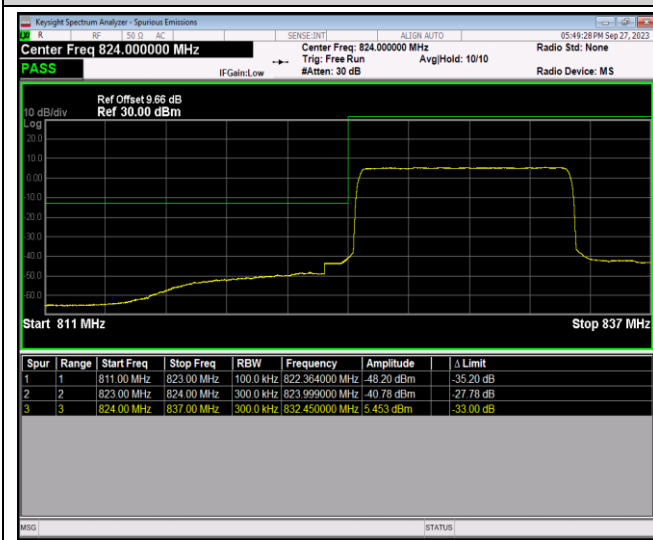
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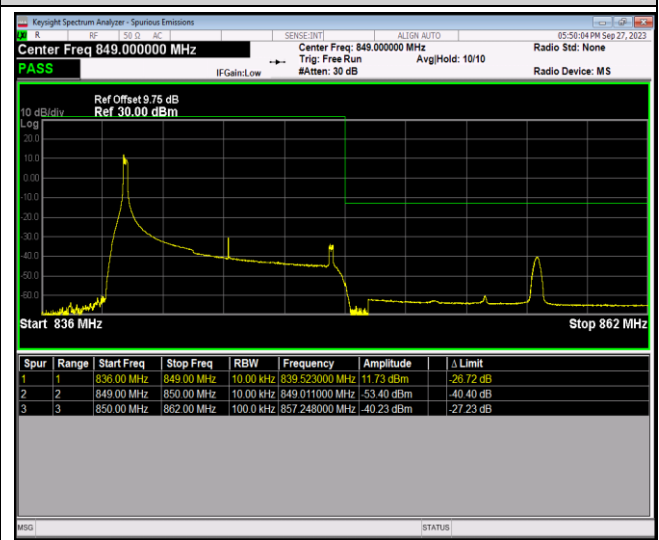
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Band5-10MHz-16QAM-20600-1RB#0



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



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