

## Appendix D: Band Edge

### Test Result (worst case)

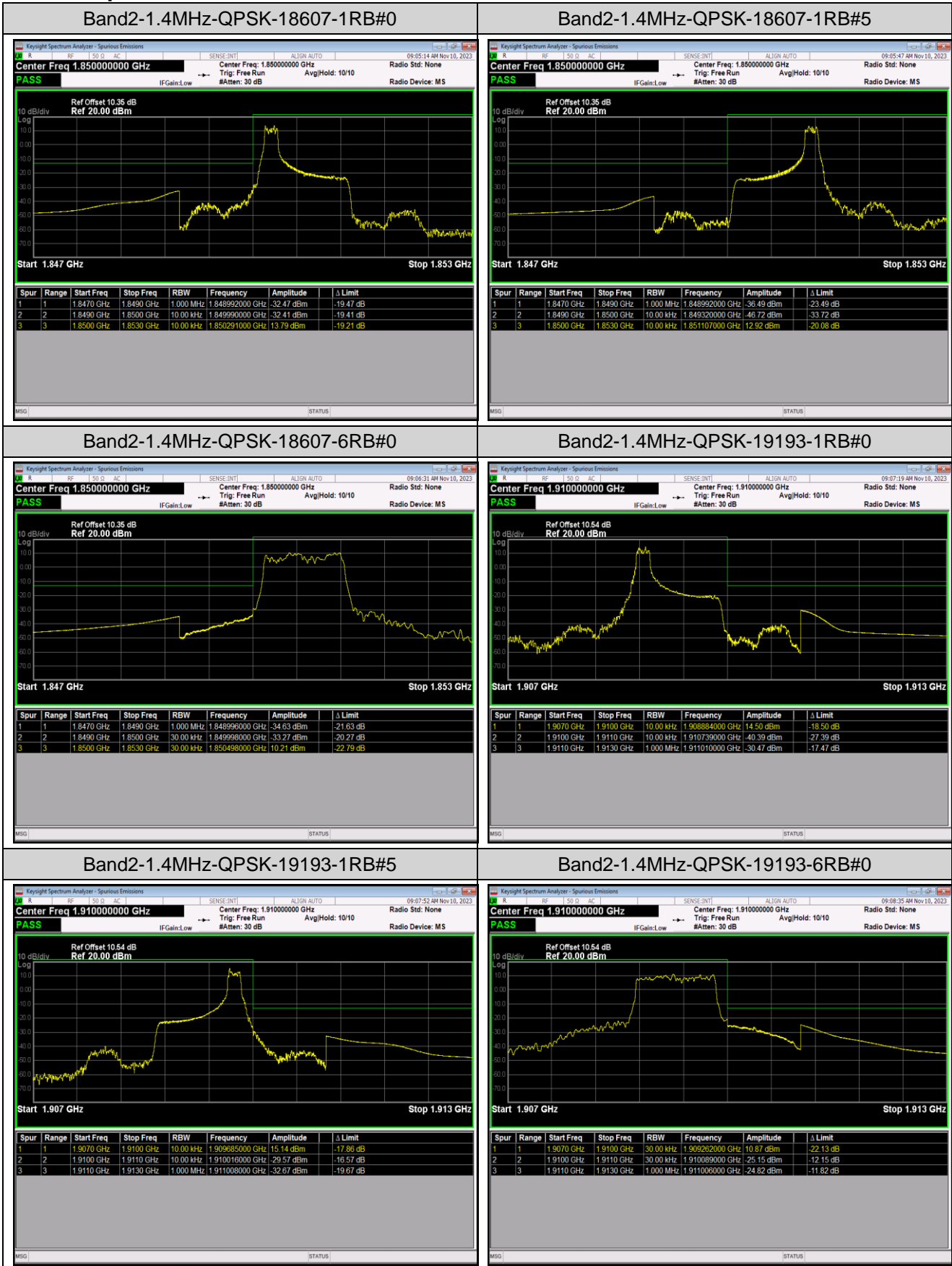
Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	-32.47,-32.41	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	-36.49,-46.72	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	-34.63,-33.27	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	-40.39,-30.47	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	-29.57,-32.67	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-25.15,-24.82	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	-34.13,-35.46	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	-37.85,-46.20	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-34.41,-33.25	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	-40.66,-31.58	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	-27.72,-33.30	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-27.35,-26.38	PASS
Band2	20MHz	QPSK	18700	1RB#0	-45.11,-39.09	PASS
Band2	20MHz	QPSK	18700	1RB#99	-43.87,-57.12	PASS
Band2	20MHz	QPSK	18700	100RB#0	-30.97,-34.76	PASS
Band2	20MHz	QPSK	19100	1RB#0	-56.53,-49.94	PASS
Band2	20MHz	QPSK	19100	1RB#99	-36.35,-44.30	PASS
Band2	20MHz	QPSK	19100	100RB#0	-31.58,-28.99	PASS
Band2	20MHz	16QAM	18700	1RB#0	-44.86,-39.19	PASS
Band2	20MHz	16QAM	18700	1RB#99	-44.20,-56.97	PASS
Band2	20MHz	16QAM	18700	100RB#0	-32.70,-36.28	PASS
Band2	20MHz	16QAM	19100	1RB#0	-57.85,-50.45	PASS
Band2	20MHz	16QAM	19100	1RB#99	-37.54,-44.30	PASS
Band2	20MHz	16QAM	19100	100RB#0	-33.95,-31.63	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	-32.12,-29.29	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	-40.02,-49.58	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	-27.15,-29.68	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	-49.90,-38.93	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	-30.13,-33.30	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-30.18,-29.07	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	-32.63,-26.61	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	-40.34,-49.29	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-28.53,-30.13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	-49.91,-39.56	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	-30.62,-33.91	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-31.20,-31.15	PASS

Band4	20MHz	QPSK	20050	1RB#0	-44.09,-40.33	PASS
Band4	20MHz	QPSK	20050	1RB#99	-42.95,-54.87	PASS
Band4	20MHz	QPSK	20050	100RB#0	-26.95,-31.03	PASS
Band4	20MHz	QPSK	20300	1RB#0	-34.18,-31.36	PASS
Band4	20MHz	QPSK	20300	1RB#99	-38.49,-43.26	PASS
Band4	20MHz	QPSK	20300	100RB#0	-32.73,-28.52	PASS
Band4	20MHz	16QAM	20050	1RB#0	-44.91,-39.12	PASS
Band4	20MHz	16QAM	20050	1RB#99	-44.69,-56.22	PASS
Band4	20MHz	16QAM	20050	100RB#0	-27.50,-31.54	PASS
Band4	20MHz	16QAM	20300	1RB#0	-36.73,-32.98	PASS
Band4	20MHz	16QAM	20300	1RB#99	-37.84,-44.61	PASS
Band4	20MHz	16QAM	20300	100RB#0	-34.24,-30.16	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	-53.56,-30.85	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	-57.14,-52.16	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	-39.43,-30.67	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	-50.67,-57.18	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	-29.58,-51.96	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-35.33,-40.77	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	-52.85,-29.14	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	-56.93,-44.27	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-42.38,-32.75	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	-50.75,-56.95	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	-30.92,-51.50	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-37.66,-44.76	PASS
Band5	10MHz	QPSK	20450	1RB#0	-56.95,-32.88	PASS
Band5	10MHz	QPSK	20450	1RB#49	-53.98,-52.47	PASS
Band5	10MHz	QPSK	20450	50RB#0	-41.24,-33.55	PASS
Band5	10MHz	QPSK	20600	1RB#0	-53.55,-45.72	PASS
Band5	10MHz	QPSK	20600	1RB#49	-34.74,-55.33	PASS
Band5	10MHz	QPSK	20600	50RB#0	-30.44,-37.67	PASS
Band5	10MHz	16QAM	20450	1RB#0	-57.22,-34.61	PASS
Band5	10MHz	16QAM	20450	1RB#49	-52.04,-54.05	PASS
Band5	10MHz	16QAM	20450	50RB#0	-44.05,-36.46	PASS
Band5	10MHz	16QAM	20600	1RB#0	-55.09,-43.25	PASS
Band5	10MHz	16QAM	20600	1RB#49	-35.13,-58.76	PASS
Band5	10MHz	16QAM	20600	50RB#0	-35.27,-41.72	PASS
Band7	5MHz	QPSK	20775	1RB#0	-46.19,-42.00,-38.38,-26.17	PASS
Band7	5MHz	QPSK	20775	1RB#24	-49.32,-33.70,-33.82,-44.12	PASS
Band7	5MHz	QPSK	20775	25RB#0	-39.24,-30.46,-23.09,-26.62	PASS
Band7	5MHz	QPSK	21425	1RB#0	-44.19,-30.89,-48.56,-49.17	PASS
Band7	5MHz	QPSK	21425	1RB#24	-25.43,-38.11,-47.38,-44.11	PASS
Band7	5MHz	QPSK	21425	25RB#0	-23.59,-18.64,-35.94,-36.99	PASS

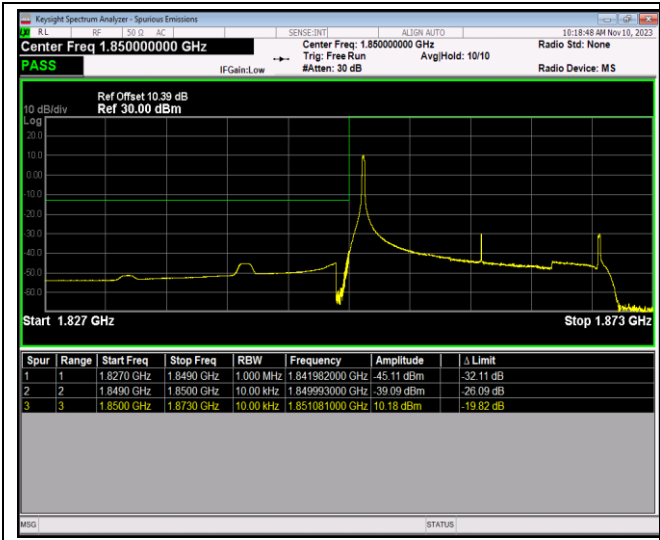
Band7	5MHz	16QAM	20775	1RB#0	-46.18,-42.54,-39.56,-25.18	PASS
Band7	5MHz	16QAM	20775	1RB#24	-49.48,-35.63,-35.66,-46.03	PASS
Band7	5MHz	16QAM	20775	25RB#0	-40.83,-33.40,-26.20,-28.68	PASS
Band7	5MHz	16QAM	21425	1RB#0	-47.08,-34.08,-48.98,-49.35	PASS
Band7	5MHz	16QAM	21425	1RB#24	-29.12,-39.24,-48.13,-45.16	PASS
Band7	5MHz	16QAM	21425	25RB#0	-24.84,-20.81,-35.26,-38.54	PASS
Band7	20MHz	QPSK	20850	1RB#0	-37.38,-42.40,-37.83	PASS
Band7	20MHz	QPSK	20850	1RB#99	-39.13,-47.29,-57.88	PASS
Band7	20MHz	QPSK	20850	100RB#0	-31.33,-27.70,-25.68,-29.14	PASS
Band7	20MHz	QPSK	21350	1RB#0	-57.94,-46.96,-35.82,-50.49	PASS
Band7	20MHz	QPSK	21350	1RB#99	-37.83,-41.98,-37.67,-50.41	PASS
Band7	20MHz	QPSK	21350	100RB#0	-24.83,-20.89,-23.34,-43.99	PASS
Band7	20MHz	16QAM	20850	1RB#0	-38.10,-43.17,-37.07	PASS
Band7	20MHz	16QAM	20850	1RB#99	-39.89,-47.68,-60.50	PASS
Band7	20MHz	16QAM	20850	100RB#0	-34.73,-30.53,-29.49,-32.93	PASS
Band7	20MHz	16QAM	21350	1RB#0	-57.92,-47.13,-36.67,-50.47	PASS
Band7	20MHz	16QAM	21350	1RB#99	-36.88,-42.33,-37.65,-50.35	PASS
Band7	20MHz	16QAM	21350	100RB#0	-27.07,-23.56,-24.95,-42.20	PASS
Band13	5MHz	QPSK	23205	1RB#0	-65.80,-66.05,-40.86,-28.69	PASS
Band13	5MHz	QPSK	23205	1RB#24	-65.84,-55.96,-53.62,-45.86	PASS
Band13	5MHz	QPSK	23205	25RB#0	-65.89,-51.94,-40.41,-38.54	PASS
Band13	5MHz	QPSK	23255	1RB#0	-46.54,-44.78,-72.15,-65.96	PASS
Band13	5MHz	QPSK	23255	1RB#24	-28.02,-43.65,-63.80,-65.95	PASS
Band13	5MHz	QPSK	23255	25RB#0	-37.04,-37.44,-61.35,-65.94	PASS
Band13	5MHz	16QAM	23205	1RB#0	-65.95,-67.30,-42.87,-30.01	PASS
Band13	5MHz	16QAM	23205	1RB#24	-65.97,-53.38,-54.99,-47.12	PASS
Band13	5MHz	16QAM	23205	25RB#0	-65.91,-51.97,-39.50,-37.90	PASS
Band13	5MHz	16QAM	23255	1RB#0	-47.68,-42.82,-73.55,-66.06	PASS
Band13	5MHz	16QAM	23255	1RB#24	-29.18,-47.77,-65.52,-65.89	PASS
Band13	5MHz	16QAM	23255	25RB#0	-37.41,-38.22,-65.20,-65.98	PASS
Band13	10MHz	QPSK	23230	1RB#0	-65.65,-65.75,-43.94,-34.51,-52.16,-56.89,-56.54,-65.90	PASS
Band13	10MHz	QPSK	23230	1RB#49	-65.62,-64.02,-56.43,-52.48,-35.09,-45.07,-67.86,-65.93	PASS
Band13	10MHz	QPSK	23230	50RB#0	-65.70,-51.97,-41.30,-43.27,-42.22,-39.78,-53.51,-65.92	PASS
Band13	10MHz	16QAM	23230	1RB#0	-65.71,-67.73,-44.51,-35.15,-53.03,-57.73,-53.85,-66.01	PASS
Band13	10MHz	16QAM	23230	1RB#49	-65.82,-60.41,-56.60,-52.29,-34.87,-44.09,-65.86,-65.93	PASS
Band13	10MHz	16QAM	23230	50RB#0	-65.83,-50.62,-40.90,-42.61,-42.83,-41.23,-55.40,-65.98	PASS

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

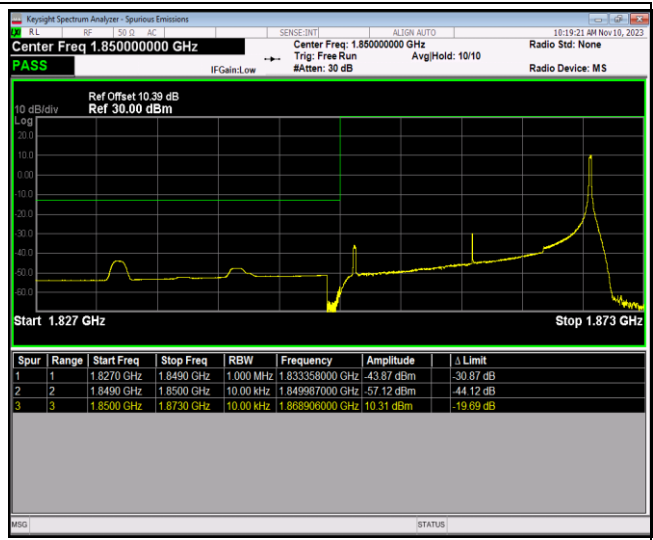
Test Graphs



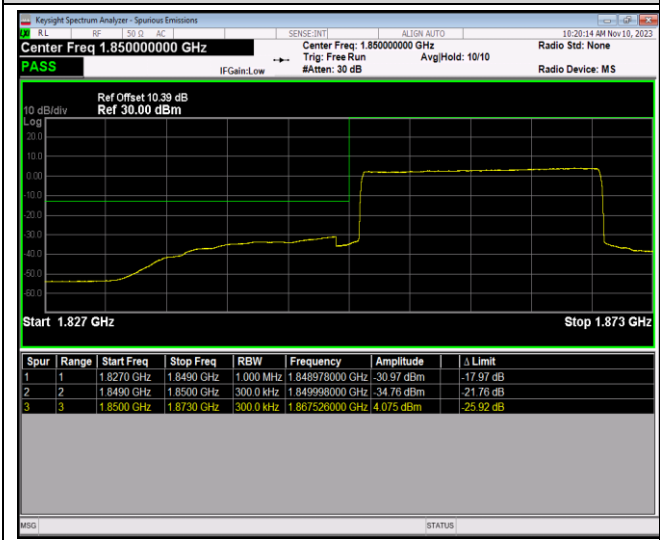




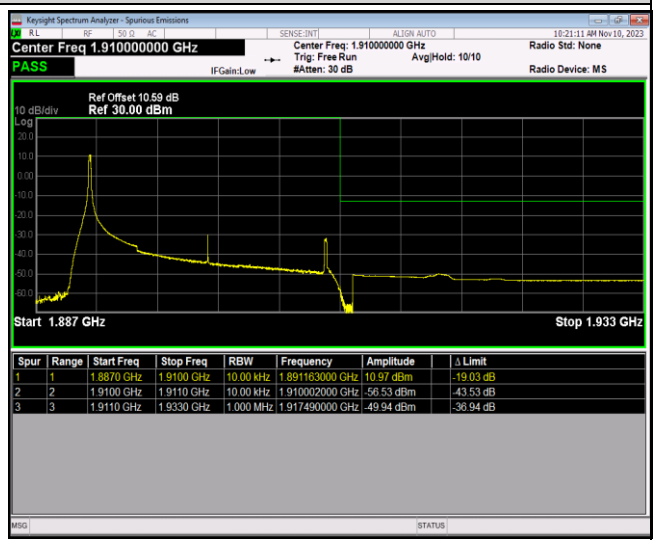
Band2-20MHz-QPSK-18700-100RB#0



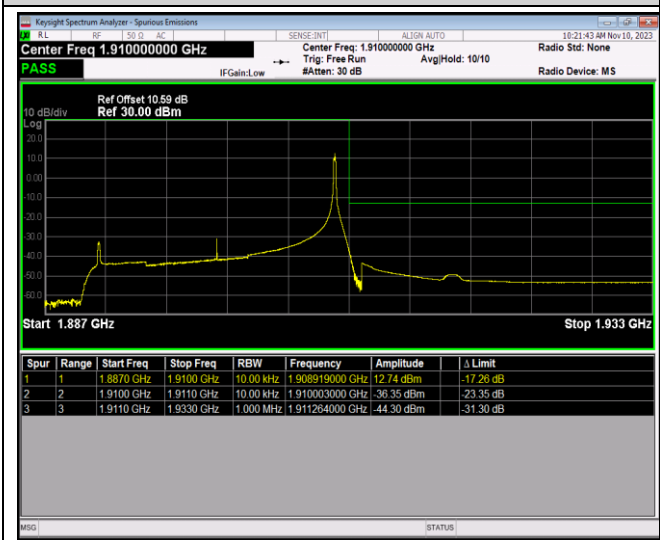
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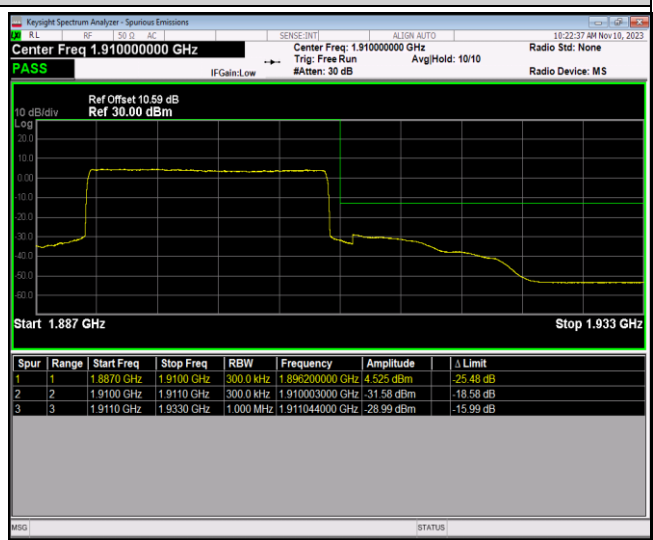
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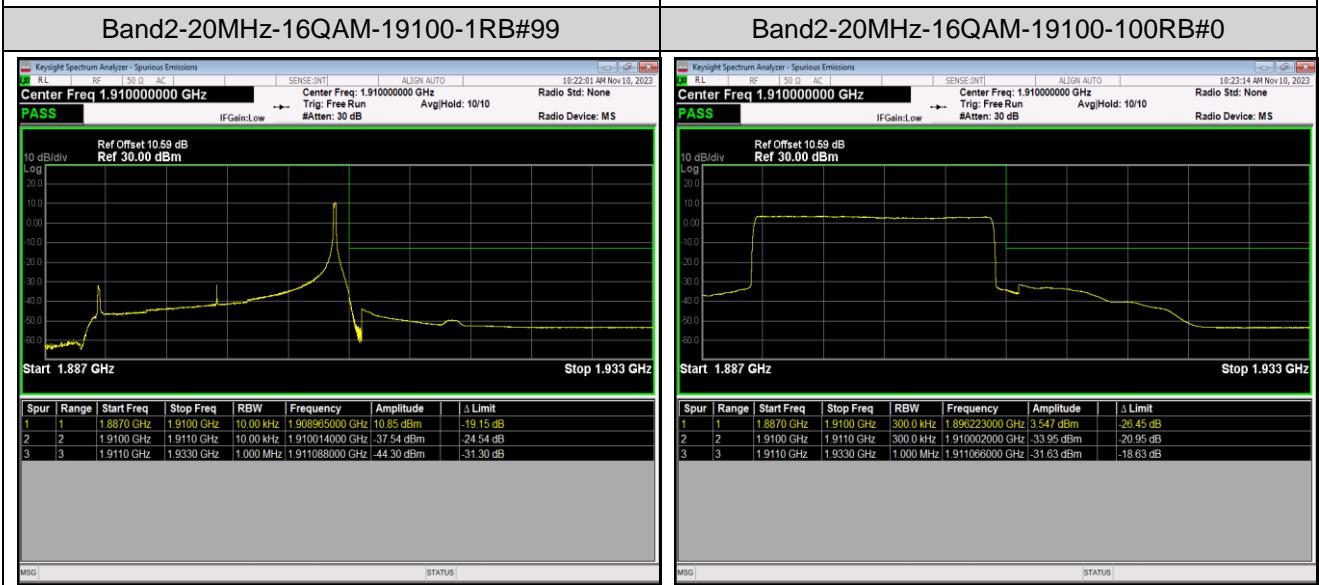
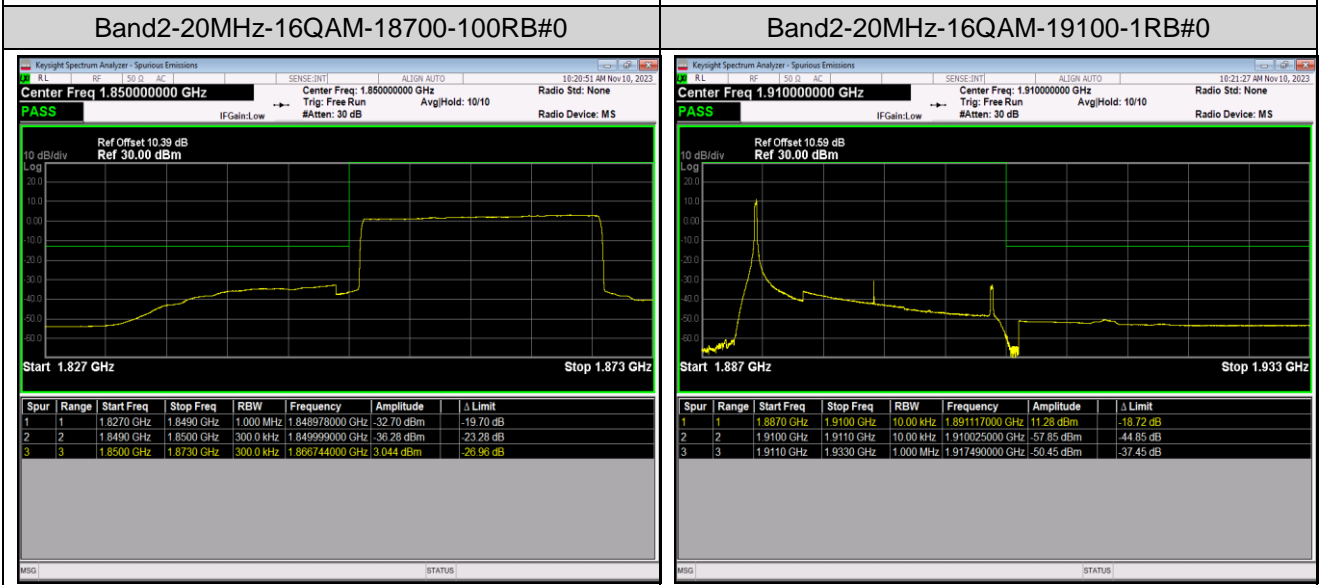
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Band2-20MHz-16QAM-18700-1RB#0



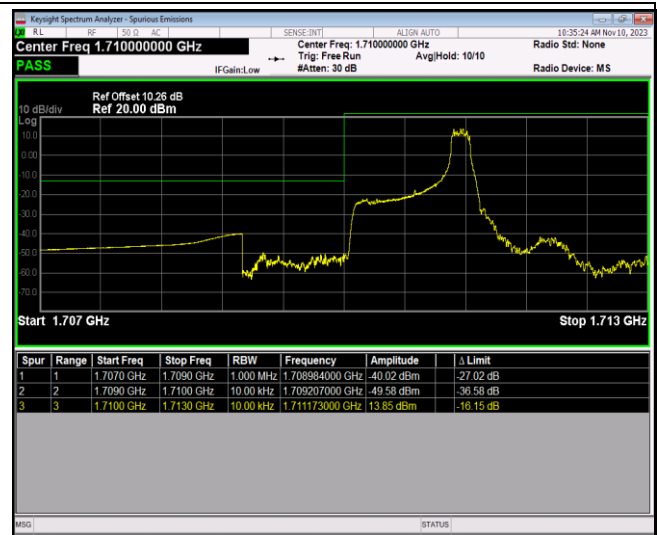
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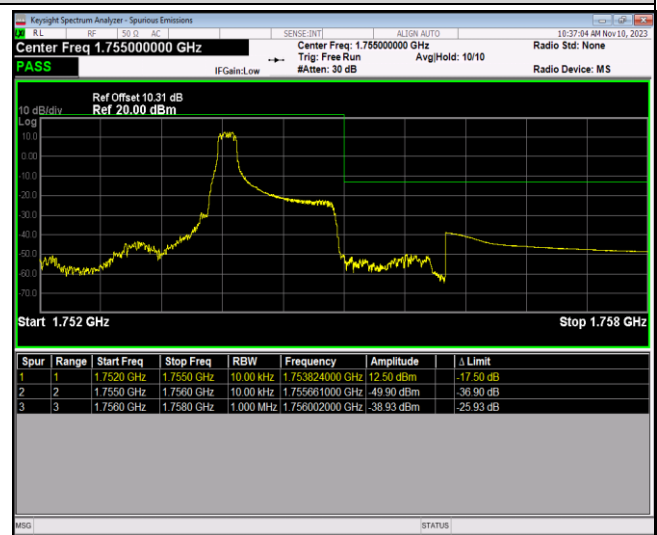
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Band4-1.4MHz-QPSK-20393-1RB#0



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



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



Band4-1.4MHz-16QAM-19957-1RB#0



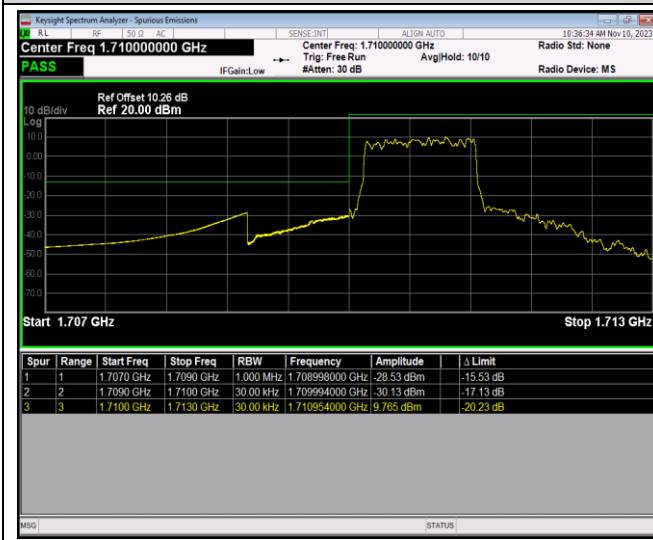
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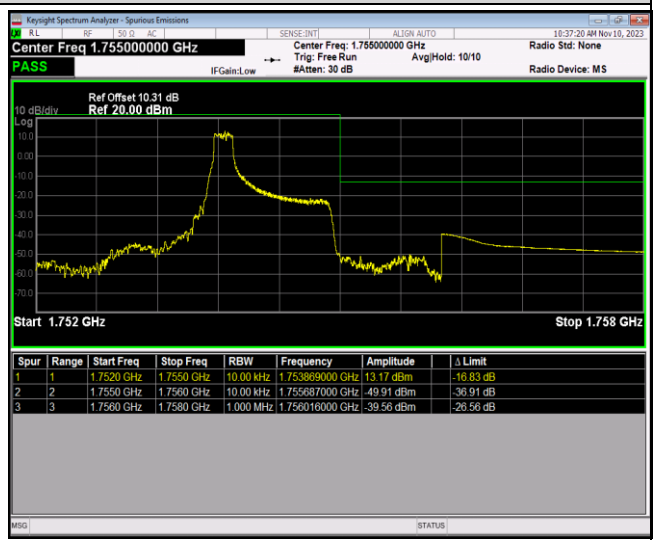
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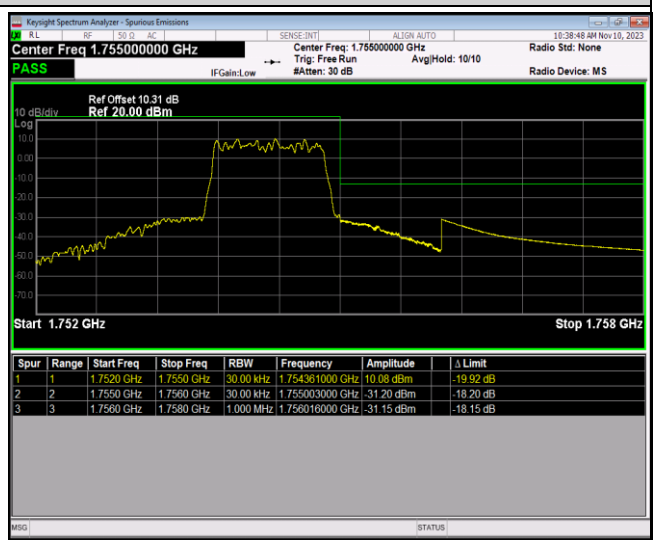
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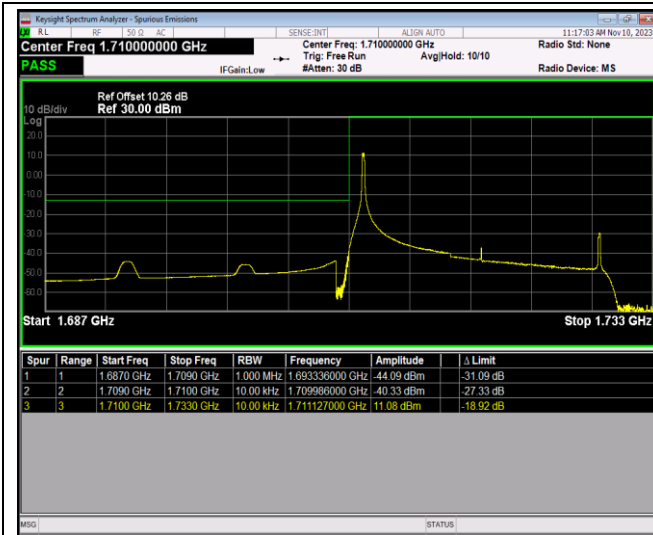
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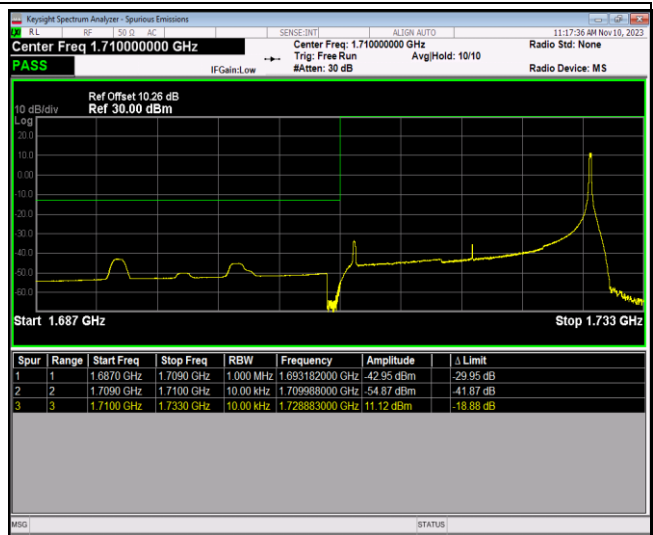
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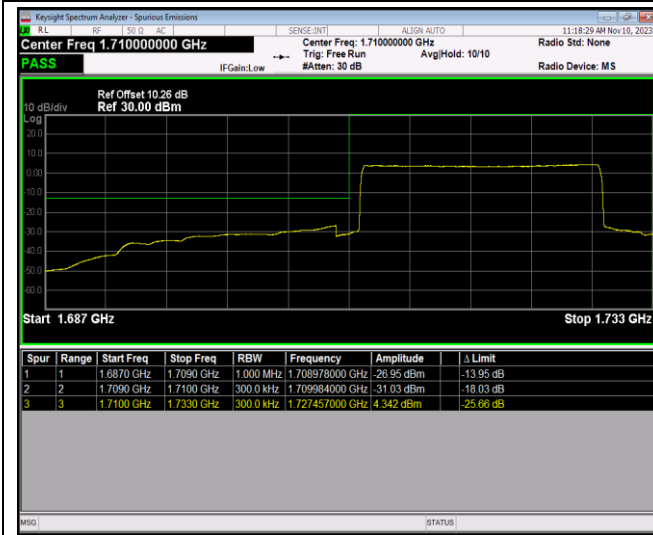
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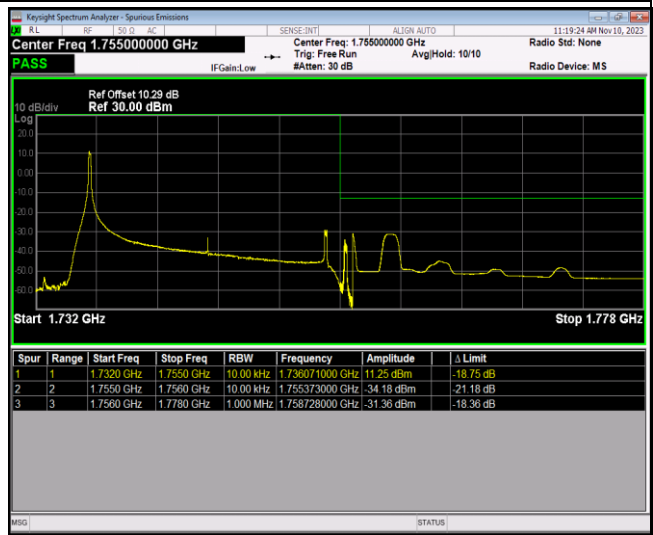
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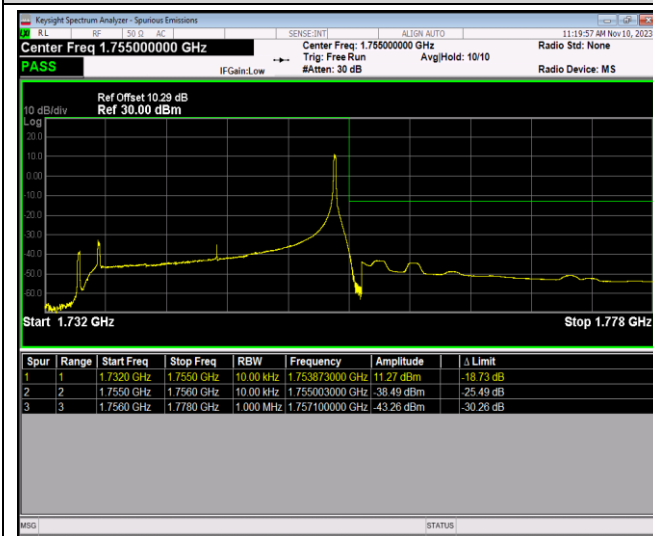
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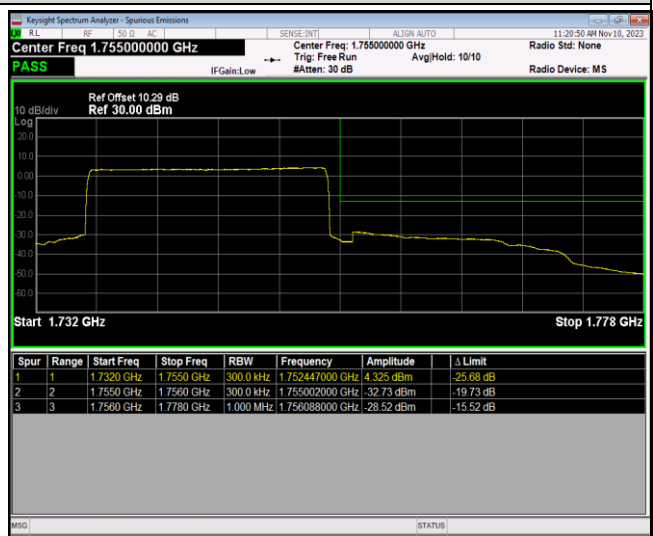
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Band4-20MHz-QPSK-20300-100RB#0



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



Band4-20MHz-16QAM-20050-1RB#99



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

Band4-20MHz-16QAM-20300-1RB#0



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

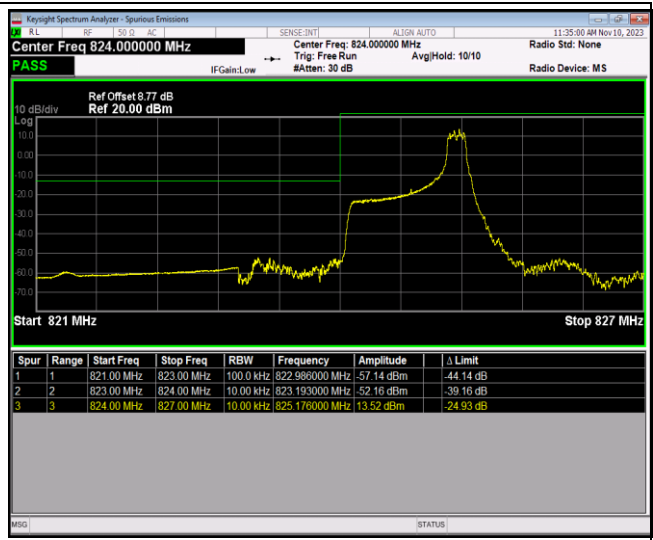


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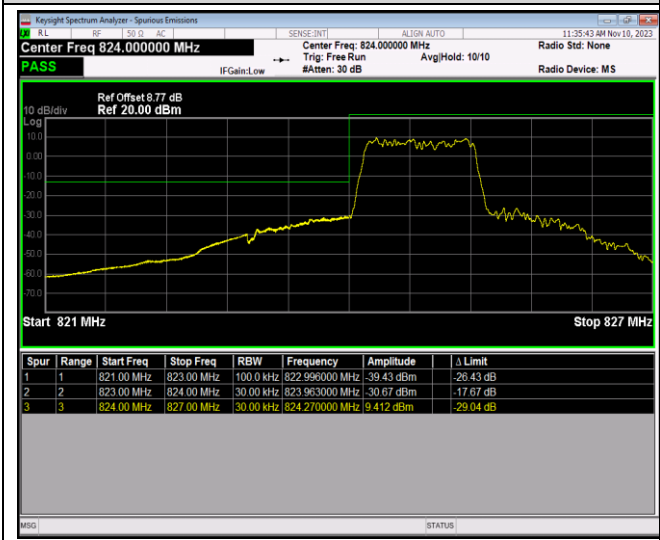
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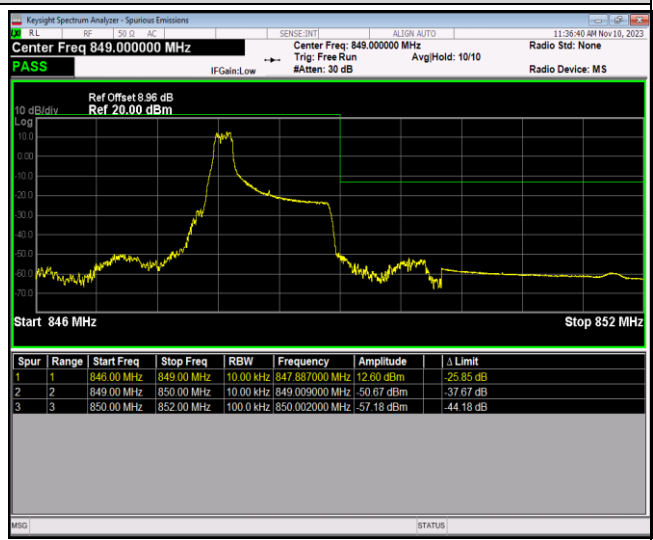
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Band5-1.4MHz-QPSK-20643-1RB#0



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



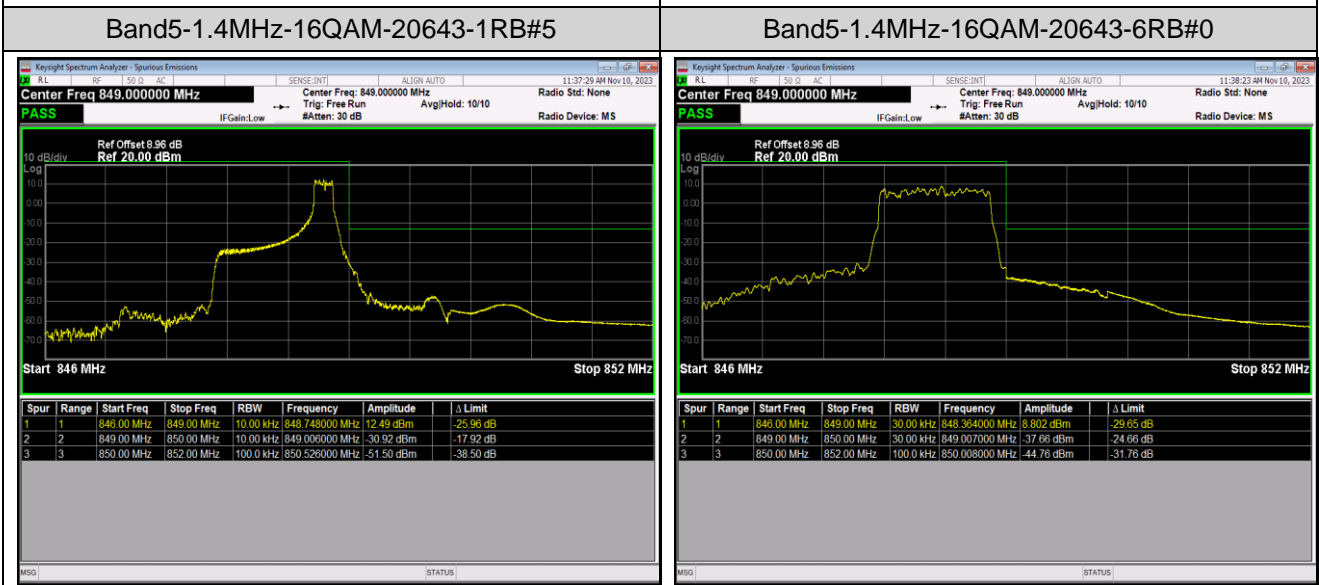
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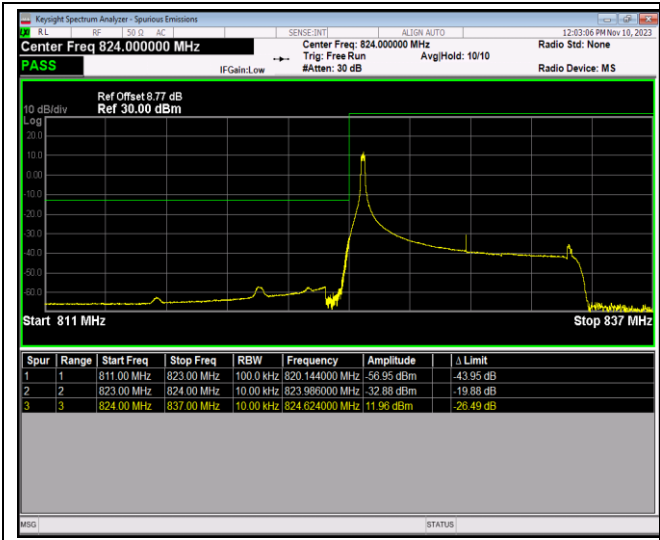


Band5-1.4MHz-16QAM-20407-1RB#0

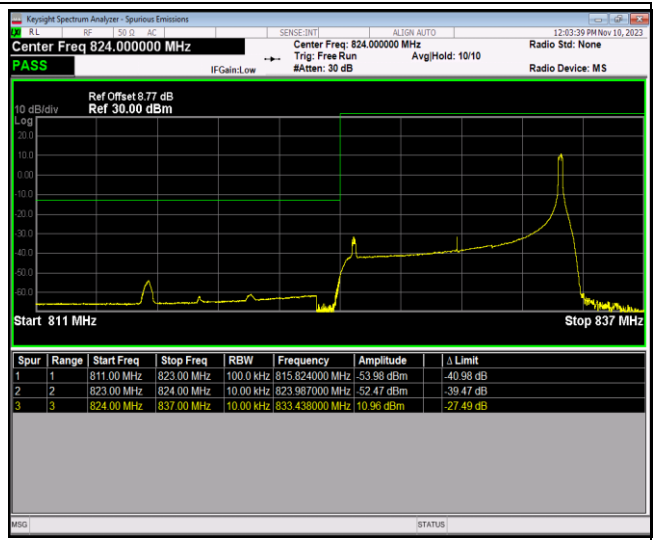


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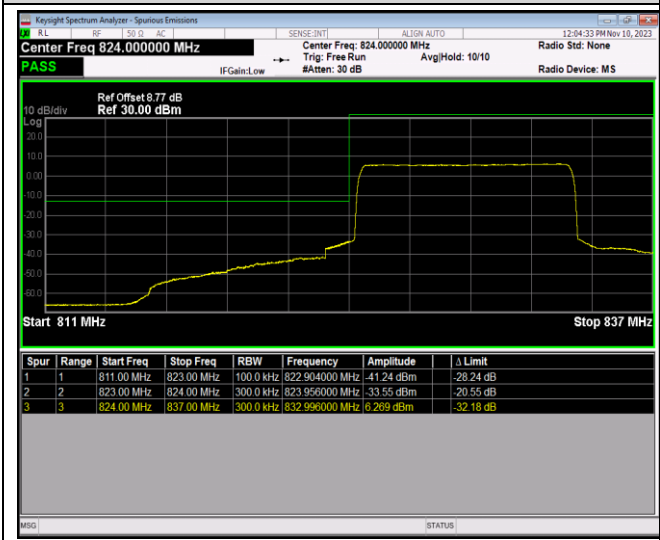




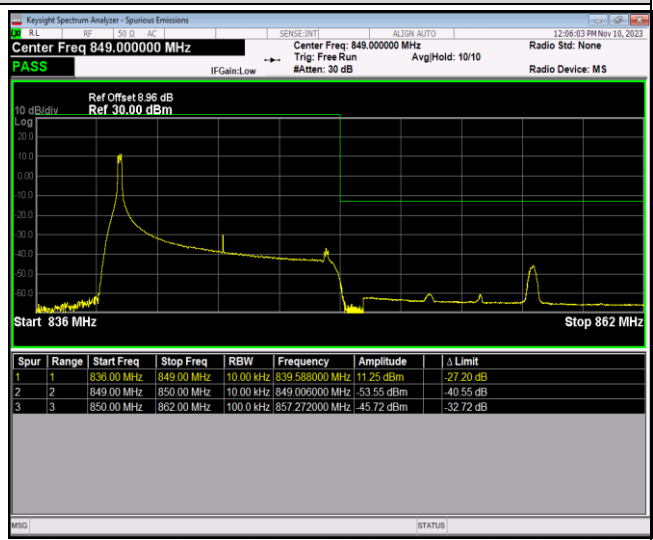
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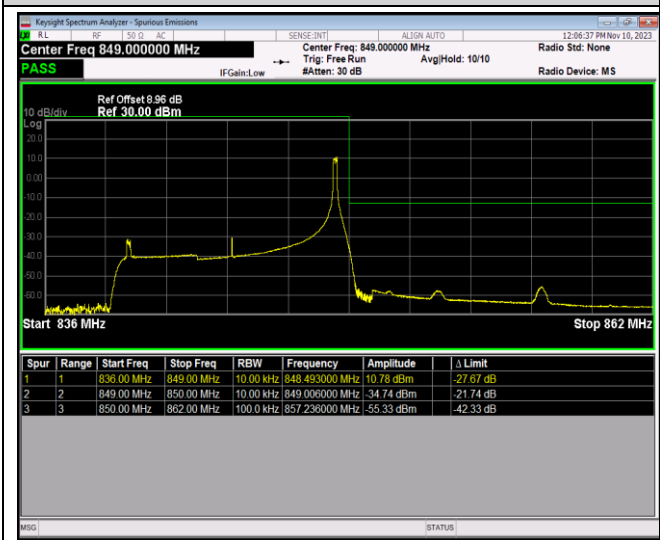
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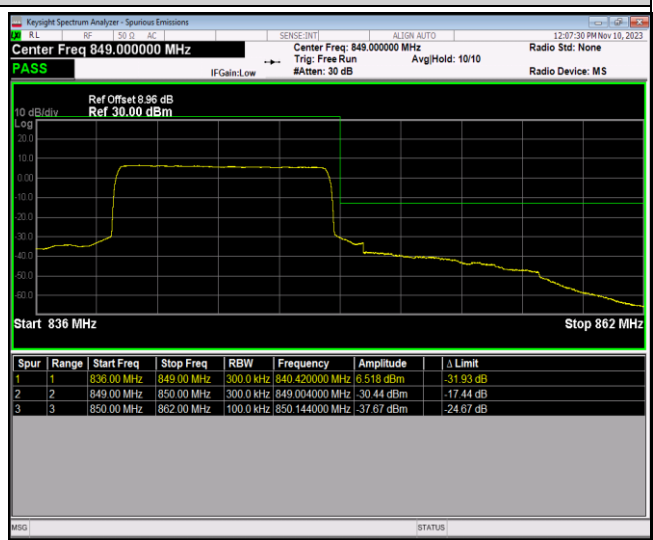
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Band5-10MHz-QPSK-20600-50RB#0



Band5-10MHz-16QAM-20450-1RB#0



Band5-10MHz-16QAM-20450-1RB#49



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