

Appendix D: Band Edge

Test Result (worst case)

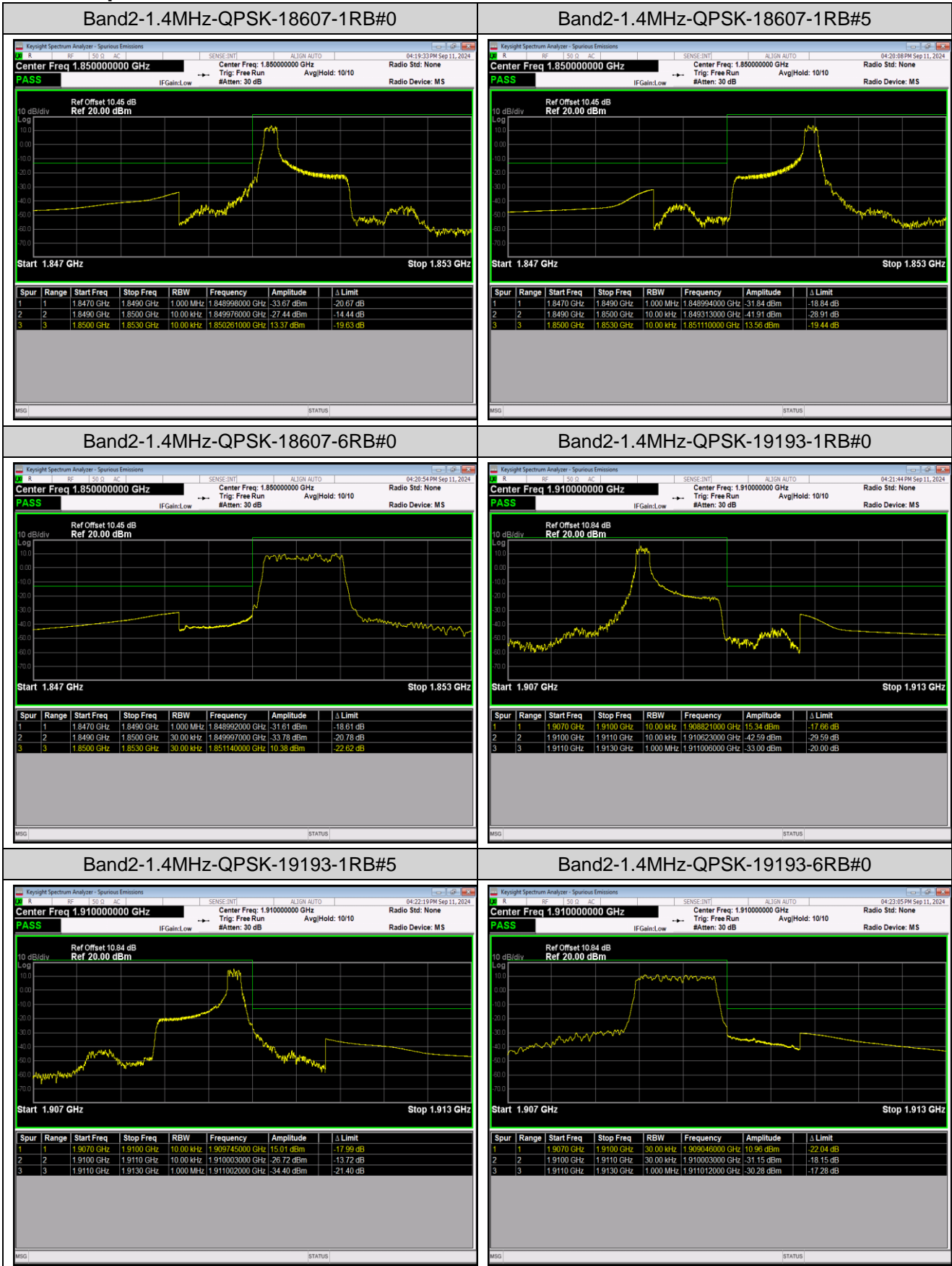
Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	-33.67,-27.44	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	-31.84,-41.91	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	-31.61,-33.78	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	-42.59,-33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	-26.72,-34.40	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-31.15,-30.28	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	-34.87,-27.88	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	-33.64,-42.09	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-31.35,-33.86	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	-42.54,-34.31	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	-28.56,-35.61	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-32.44,-30.29	PASS
Band2	20MHz	QPSK	18700	1RB#0	-45.13,-37.89	PASS
Band2	20MHz	QPSK	18700	1RB#99	-40.34,-56.81	PASS
Band2	20MHz	QPSK	18700	100RB#0	-33.55,-37.28	PASS
Band2	20MHz	QPSK	19100	1RB#0	-55.60,-44.82	PASS
Band2	20MHz	QPSK	19100	1RB#99	-36.27,-44.44	PASS
Band2	20MHz	QPSK	19100	100RB#0	-34.98,-32.53	PASS
Band2	20MHz	16QAM	18700	1RB#0	-45.28,-37.74	PASS
Band2	20MHz	16QAM	18700	1RB#99	-42.53,-60.11	PASS
Band2	20MHz	16QAM	18700	100RB#0	-35.49,-38.92	PASS
Band2	20MHz	16QAM	19100	1RB#0	-55.93,-45.96	PASS
Band2	20MHz	16QAM	19100	1RB#99	-35.51,-45.32	PASS
Band2	20MHz	16QAM	19100	100RB#0	-37.25,-34.62	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	-30.35,-22.40	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	-34.00,-41.37	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	-26.25,-25.43	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	-41.17,-32.82	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	-26.42,-33.09	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-31.53,-30.63	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	-33.10,-25.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	-36.39,-44.61	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-28.66,-27.79	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	-42.50,-34.06	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	-25.56,-33.85	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-32.73,-30.69	PASS

Band4	20MHz	QPSK	20050	1RB#0	-42.61,-37.15	PASS
Band4	20MHz	QPSK	20050	1RB#99	-44.05,-56.00	PASS
Band4	20MHz	QPSK	20050	100RB#0	-30.24,-33.77	PASS
Band4	20MHz	QPSK	20300	1RB#0	-35.93,-32.91	PASS
Band4	20MHz	QPSK	20300	1RB#99	-37.21,-43.38	PASS
Band4	20MHz	QPSK	20300	100RB#0	-34.65,-31.11	PASS
Band4	20MHz	16QAM	20050	1RB#0	-44.46,-36.49	PASS
Band4	20MHz	16QAM	20050	1RB#99	-45.81,-58.26	PASS
Band4	20MHz	16QAM	20050	100RB#0	-32.93,-36.29	PASS
Band4	20MHz	16QAM	20300	1RB#0	-37.27,-34.81	PASS
Band4	20MHz	16QAM	20300	1RB#99	-40.96,-44.71	PASS
Band4	20MHz	16QAM	20300	100RB#0	-37.27,-33.98	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	-40.47,-29.26	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	-52.85,-31.02	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	-39.44,-33.38	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	-35.28,-55.18	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	-25.87,-39.12	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-34.07,-39.87	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	-41.75,-30.28	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	-52.99,-32.40	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-40.36,-33.44	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	-36.07,-55.51	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	-29.73,-41.17	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-35.61,-41.91	PASS
Band5	10MHz	QPSK	20450	1RB#0	-52.83,-31.71	PASS
Band5	10MHz	QPSK	20450	1RB#49	-32.27,-48.66	PASS
Band5	10MHz	QPSK	20450	50RB#0	-38.61,-30.76	PASS
Band5	10MHz	QPSK	20600	1RB#0	-53.51,-57.19	PASS
Band5	10MHz	QPSK	20600	1RB#49	-31.47,-56.74	PASS
Band5	10MHz	QPSK	20600	50RB#0	-33.47,-41.11	PASS
Band5	10MHz	16QAM	20450	1RB#0	-54.56,-32.62	PASS
Band5	10MHz	16QAM	20450	1RB#49	-33.25,-47.65	PASS
Band5	10MHz	16QAM	20450	50RB#0	-39.68,-31.97	PASS
Band5	10MHz	16QAM	20600	1RB#0	-52.57,-58.22	PASS
Band5	10MHz	16QAM	20600	1RB#49	-33.10,-57.91	PASS
Band5	10MHz	16QAM	20600	50RB#0	-34.42,-42.43	PASS
Band7	5MHz	QPSK	20775	1RB#0	-47.58,-33.82,-33.92,-27.21	PASS
Band7	5MHz	QPSK	20775	1RB#24	-49.02,-42.35,-42.82,-45.67	PASS
Band7	5MHz	QPSK	20775	25RB#0	-35.35,-28.88,-25.84,-29.46	PASS
Band7	5MHz	QPSK	21425	1RB#0	-44.34,-40.01,-48.77,-49.03	PASS
Band7	5MHz	QPSK	21425	1RB#24	-29.72,-37.24,-47.52,-47.65	PASS
Band7	5MHz	QPSK	21425	25RB#0	-29.29,-26.04,-33.44,-34.35	PASS

Band7	5MHz	16QAM	20775	1RB#0	-48.59,-37.18,-37.07,-28.78	PASS
Band7	5MHz	16QAM	20775	1RB#24	-49.27,-42.17,-42.55,-47.95	PASS
Band7	5MHz	16QAM	20775	25RB#0	-35.82,-30.69,-24.96,-30.42	PASS
Band7	5MHz	16QAM	21425	1RB#0	-45.12,-42.19,-48.88,-49.24	PASS
Band7	5MHz	16QAM	21425	1RB#24	-28.90,-38.30,-48.03,-48.37	PASS
Band7	5MHz	16QAM	21425	25RB#0	-31.36,-26.73,-32.98,-35.11	PASS
Band7	20MHz	QPSK	20850	1RB#0	-37.80,-41.65,-39.12	PASS
Band7	20MHz	QPSK	20850	1RB#99	-39.20,-46.79,-57.81	PASS
Band7	20MHz	QPSK	20850	100RB#0	-32.75,-30.57,-29.40,-32.39	PASS
Band7	20MHz	QPSK	21350	1RB#0	-57.30,-46.35,-39.85,-50.15	PASS
Band7	20MHz	QPSK	21350	1RB#99	-36.41,-41.62,-38.59,-50.12	PASS
Band7	20MHz	QPSK	21350	100RB#0	-29.97,-27.14,-28.50,-43.01	PASS
Band7	20MHz	16QAM	20850	1RB#0	-38.59,-43.40,-39.33	PASS
Band7	20MHz	16QAM	20850	1RB#99	-41.00,-47.75,-59.23	PASS
Band7	20MHz	16QAM	20850	100RB#0	-33.41,-30.86,-29.70,-33.04	PASS
Band7	20MHz	16QAM	21350	1RB#0	-57.56,-46.86,-40.78,-50.18	PASS
Band7	20MHz	16QAM	21350	1RB#99	-37.55,-42.59,-39.61,-50.07	PASS
Band7	20MHz	16QAM	21350	100RB#0	-31.94,-29.12,-30.32,-42.57	PASS
Band66	1.4MHz	QPSK	131979	1RB#0	-30.09,-20.82	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	-32.18,-41.16	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	-24.53,-26.36	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	-39.80,-31.45	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	-28.41,-33.77	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	-30.43,-29.93	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	-31.65,-25.36	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	-33.65,-43.34	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	-27.40,-28.26	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	-39.94,-32.60	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	-29.36,-34.54	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	-31.25,-29.84	PASS
Band66	20MHz	QPSK	132072	1RB#0	-41.75,-37.64	PASS
Band66	20MHz	QPSK	132072	1RB#99	-42.97,-55.31	PASS
Band66	20MHz	QPSK	132072	100RB#0	-27.44,-31.38	PASS
Band66	20MHz	QPSK	132572	1RB#0	-55.03,-33.15	PASS
Band66	20MHz	QPSK	132572	1RB#99	-38.00,-44.78	PASS
Band66	20MHz	QPSK	132572	100RB#0	-30.27,-26.54	PASS
Band66	20MHz	16QAM	132072	1RB#0	-44.71,-40.00	PASS
Band66	20MHz	16QAM	132072	1RB#99	-45.14,-58.17	PASS
Band66	20MHz	16QAM	132072	100RB#0	-28.66,-32.61	PASS
Band66	20MHz	16QAM	132572	1RB#0	-57.55,-35.58	PASS
Band66	20MHz	16QAM	132572	1RB#99	-41.81,-45.63	PASS
Band66	20MHz	16QAM	132572	100RB#0	-31.62,-27.44	PASS

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

Test Graphs

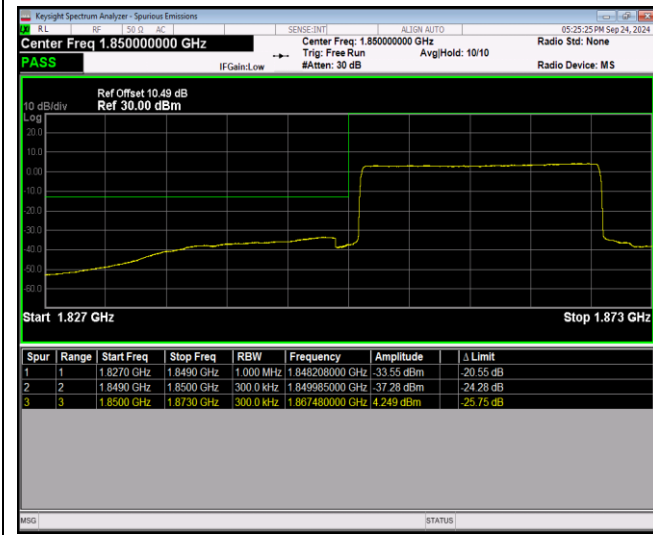




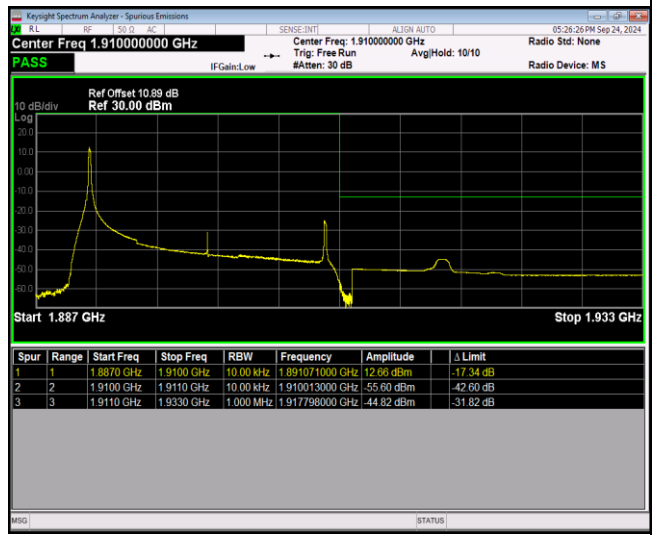


Band2-20MHz-QPSK-18700-100RB#0

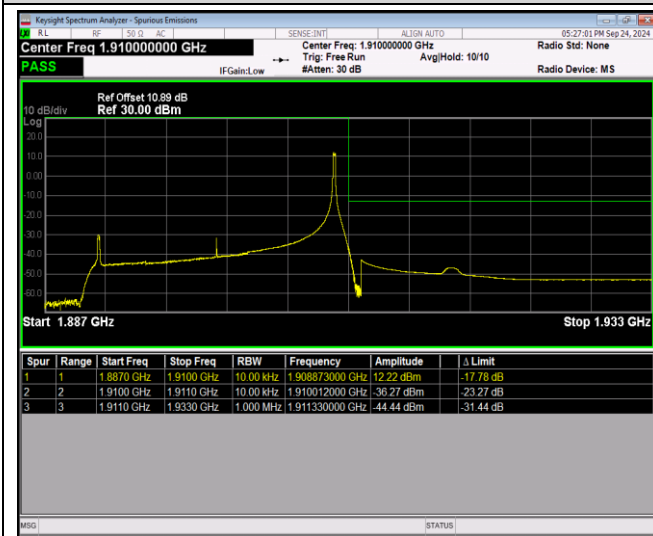
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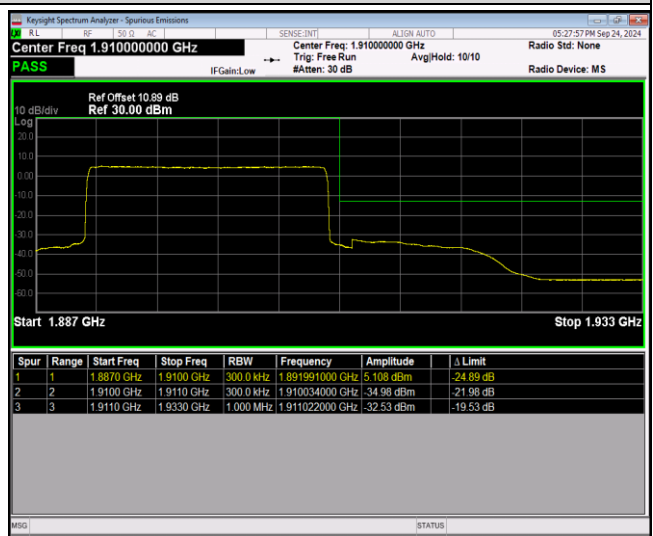
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Band2-20MHz-QPSK-19100-100RB#0



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

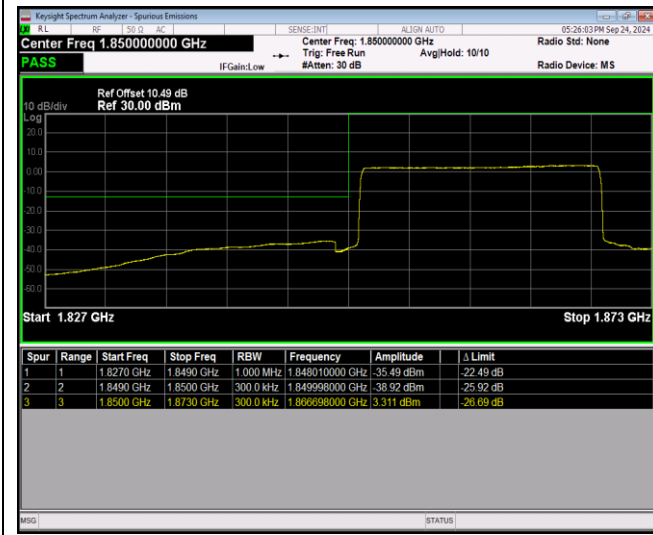


Band2-20MHz-16QAM-18700-1RB#99

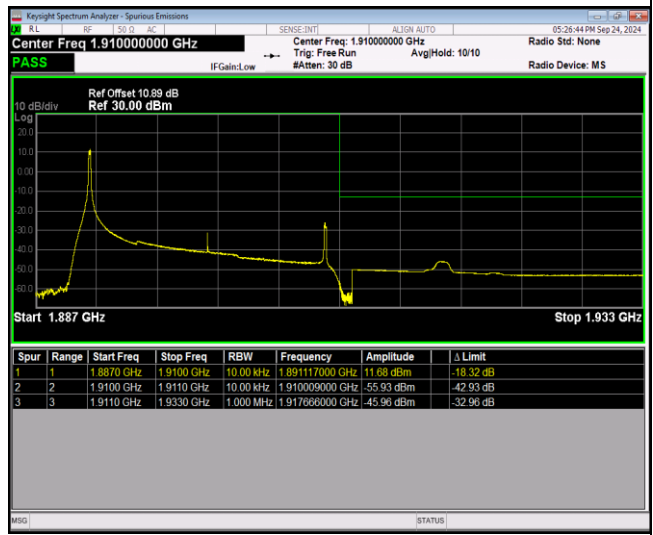


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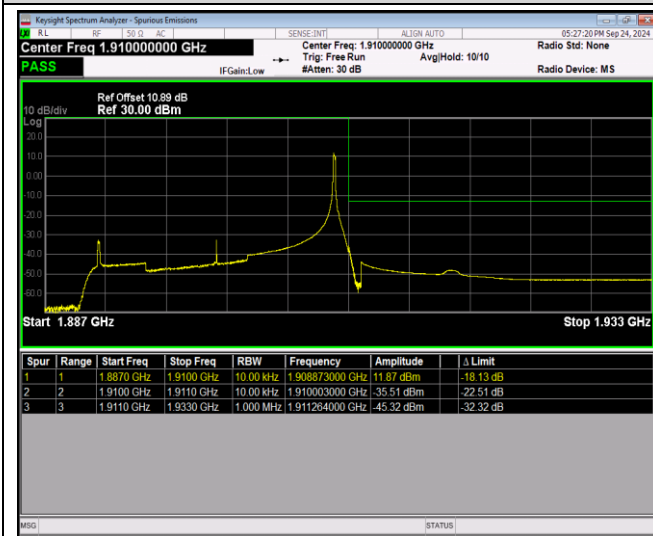
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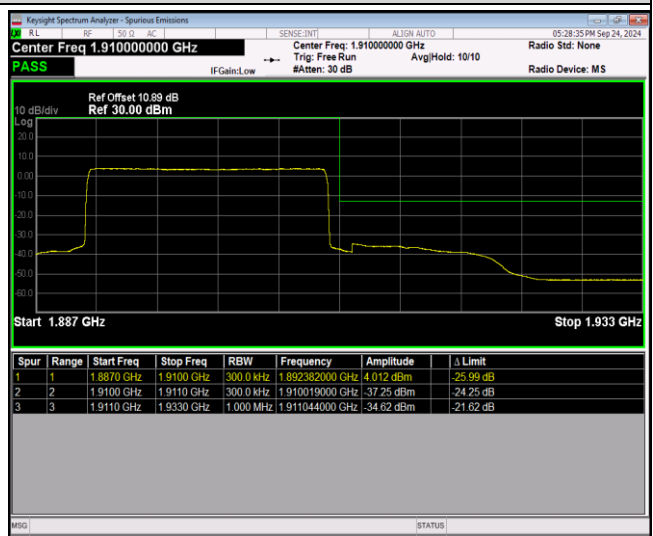
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Band2-20MHz-16QAM-19100-100RB#0



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

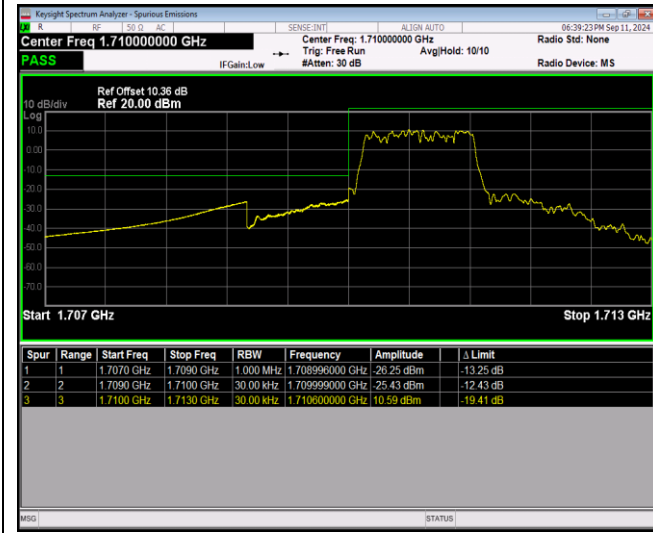


Band4-1.4MHz-QPSK-19957-1RB#5



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



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

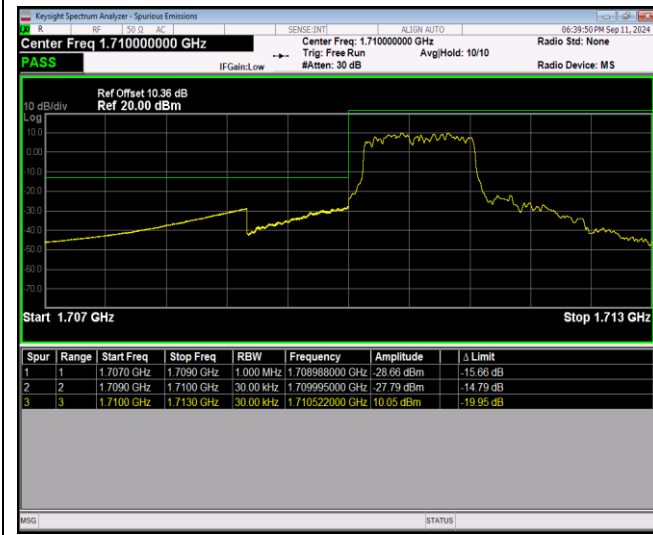


Band4-1.4MHz-16QAM-19957-1RB#5



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

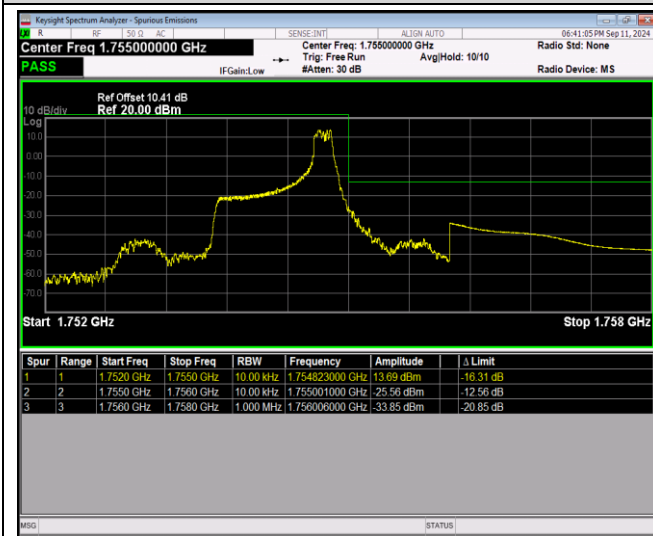
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Band4-1.4MHz-16QAM-20393-1RB#5



Band4-1.4MHz-16QAM-20393-6RB#0



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

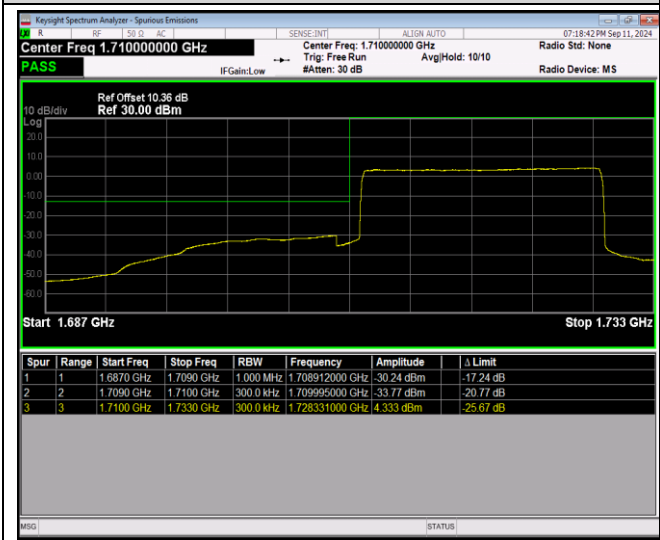


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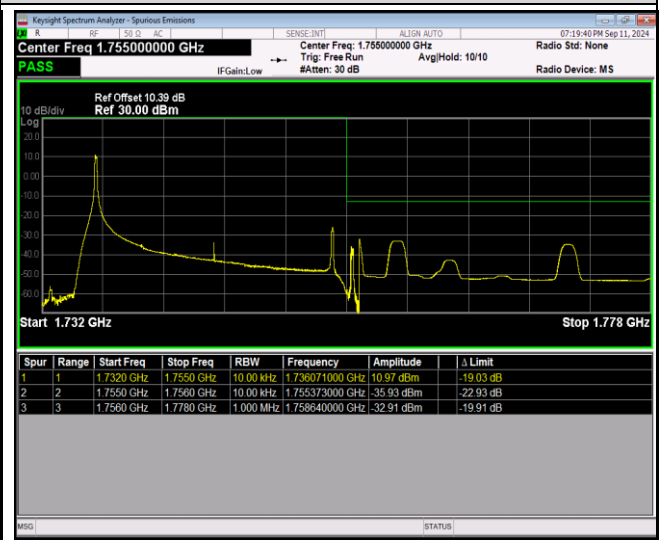


Band4-20MHz-QPSK-20050-100RB#0

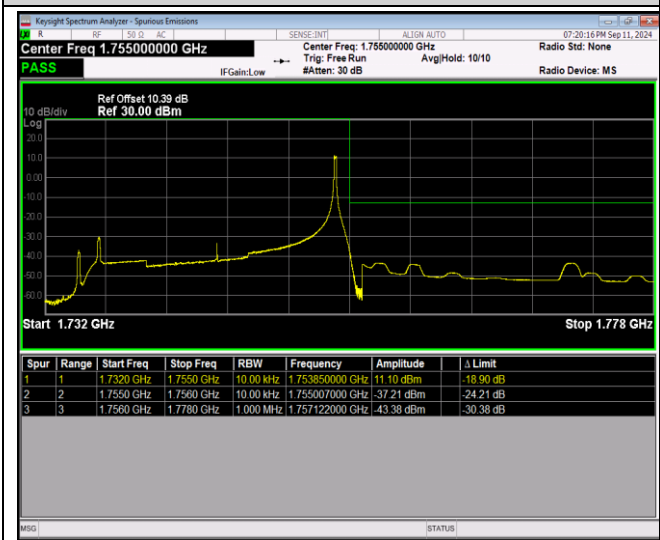
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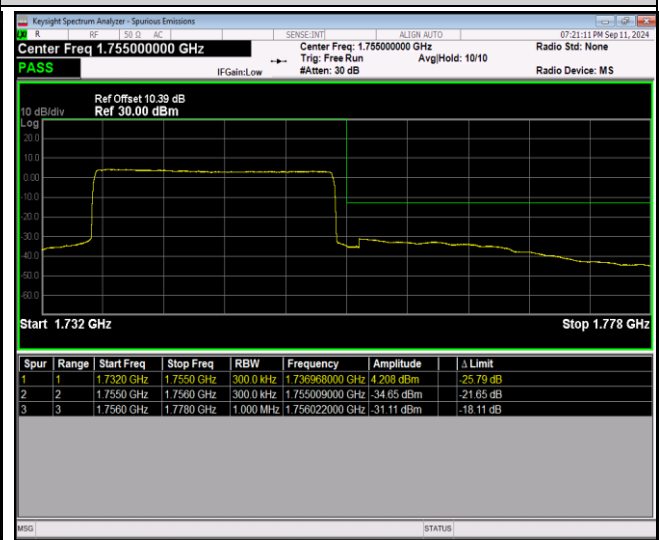
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Band4-20MHz-QPSK-20300-100RB#0



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



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



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

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



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

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



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

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