

## Appendix D: Band Edge

### Test Result (worst case)

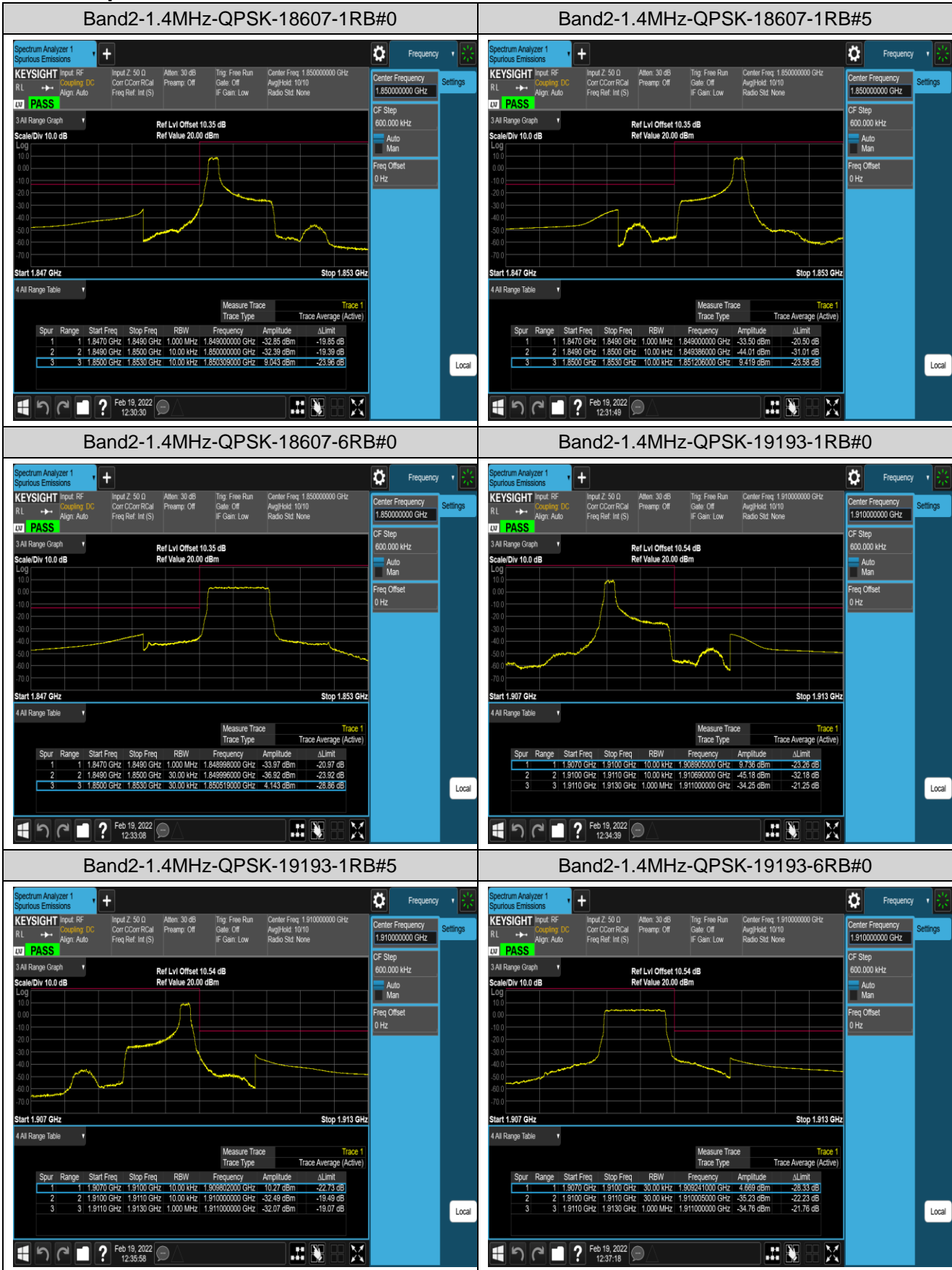
Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	-32.85,-32.39	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	-33.50,-44.01	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	-33.97,-36.92	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	-45.18,-34.25	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	-32.49,-32.07	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-35.23,-34.76	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	-33.96,-33.19	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	-35.22,-44.47	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-35.36,-37.50	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	-45.78,-35.33	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	-33.94,-33.09	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-36.76,-36.05	PASS
Band2	20MHz	QPSK	18700	1RB#0	-44.62,-41.56	PASS
Band2	20MHz	QPSK	18700	1RB#99	-37.14,-60.77	PASS
Band2	20MHz	QPSK	18700	100RB#0	-38.80,-41.65	PASS
Band2	20MHz	QPSK	19100	1RB#0	-62.13,-48.64	PASS
Band2	20MHz	QPSK	19100	1RB#99	-40.27,-44.91	PASS
Band2	20MHz	QPSK	19100	100RB#0	-35.96,-32.95	PASS
Band2	20MHz	16QAM	18700	1RB#0	-45.62,-41.14	PASS
Band2	20MHz	16QAM	18700	1RB#99	-42.34,-61.68	PASS
Band2	20MHz	16QAM	18700	100RB#0	-41.05,-43.26	PASS
Band2	20MHz	16QAM	19100	1RB#0	-62.44,-49.12	PASS
Band2	20MHz	16QAM	19100	1RB#99	-41.10,-45.92	PASS
Band2	20MHz	16QAM	19100	100RB#0	-40.39,-37.63	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	-30.93,-33.89	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	-34.13,-44.75	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	-33.25,-36.22	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	-44.70,-34.36	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	-31.04,-32.59	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-35.88,-31.97	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	-31.64,-35.65	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	-35.46,-44.63	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-34.29,-36.44	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	-45.11,-35.71	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	-33.87,-33.56	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-36.84,-33.69	PASS

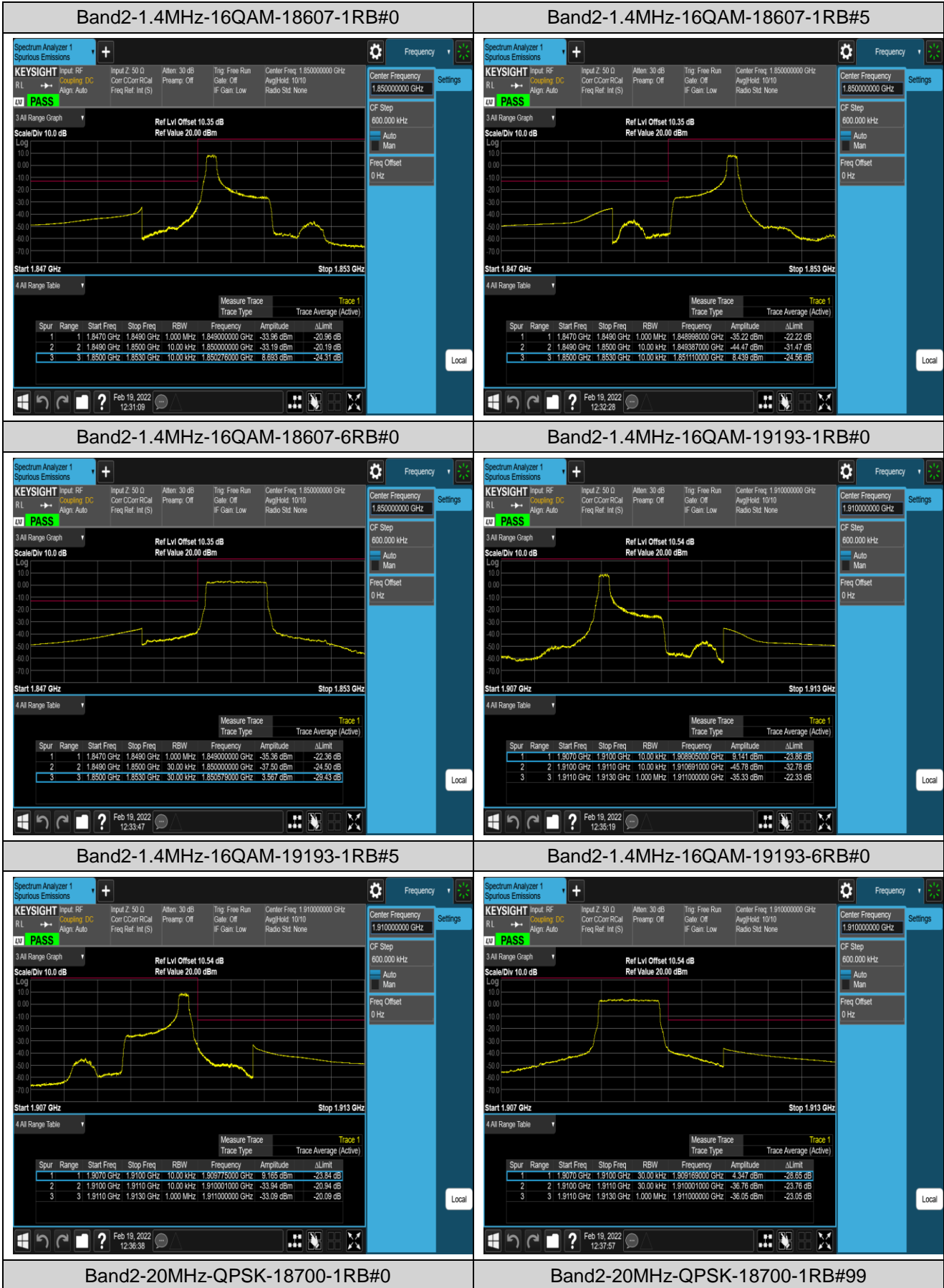
Band4	20MHz	QPSK	20050	1RB#0	-44.78,-42.55	PASS
Band4	20MHz	QPSK	20050	1RB#99	-40.23,-60.81	PASS
Band4	20MHz	QPSK	20050	100RB#0	-39.44,-42.76	PASS
Band4	20MHz	QPSK	20300	1RB#0	-40.36,-33.05	PASS
Band4	20MHz	QPSK	20300	1RB#99	-41.25,-45.29	PASS
Band4	20MHz	QPSK	20300	100RB#0	-40.24,-36.74	PASS
Band4	20MHz	16QAM	20050	1RB#0	-46.08,-42.59	PASS
Band4	20MHz	16QAM	20050	1RB#99	-43.50,-61.79	PASS
Band4	20MHz	16QAM	20050	100RB#0	-38.99,-42.17	PASS
Band4	20MHz	16QAM	20300	1RB#0	-41.70,-34.99	PASS
Band4	20MHz	16QAM	20300	1RB#99	-42.73,-47.03	PASS
Band4	20MHz	16QAM	20300	100RB#0	-40.87,-36.96	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	-44.46,-36.59	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	-53.77,-43.14	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	-43.39,-33.12	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	-45.25,-54.87	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	-37.31,-44.77	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-34.68,-43.43	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	-45.79,-37.65	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	-54.80,-43.73	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-42.36,-33.41	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	-44.49,-55.43	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	-38.59,-45.69	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-35.70,-43.02	PASS
Band5	10MHz	QPSK	20450	1RB#0	-56.80,-36.57	PASS
Band5	10MHz	QPSK	20450	1RB#49	-42.12,-54.55	PASS
Band5	10MHz	QPSK	20450	50RB#0	-39.18,-31.74	PASS
Band5	10MHz	QPSK	20600	1RB#0	-56.17,-41.22	PASS
Band5	10MHz	QPSK	20600	1RB#49	-35.93,-52.55	PASS
Band5	10MHz	QPSK	20600	50RB#0	-31.18,-38.68	PASS
Band5	10MHz	16QAM	20450	1RB#0	-55.62,-38.15	PASS
Band5	10MHz	16QAM	20450	1RB#49	-43.69,-55.46	PASS
Band5	10MHz	16QAM	20450	50RB#0	-40.24,-33.23	PASS
Band5	10MHz	16QAM	20600	1RB#0	-56.85,-41.07	PASS
Band5	10MHz	16QAM	20600	1RB#49	-36.28,-52.55	PASS
Band5	10MHz	16QAM	20600	50RB#0	-32.59,-39.91	PASS
Band7	5MHz	QPSK	20775	1RB#0	-49.49,-43.36,-38.75,-29.46	PASS
Band7	5MHz	QPSK	20775	1RB#24	-50.55,-48.47,-43.30,-47.36	PASS
Band7	5MHz	QPSK	20775	25RB#0	-41.69,-34.06,-32.65,-34.79	PASS
Band7	5MHz	QPSK	21425	1RB#0	-47.39,-40.84,-49.97,-50.38	PASS
Band7	5MHz	QPSK	21425	1RB#24	-29.38,-38.92,-48.91,-48.74	PASS
Band7	5MHz	QPSK	21425	25RB#0	-33.99,-30.96,-37.32,-37.98	PASS

Band7	5MHz	16QAM	20775	1RB#0	-50.23,-45.36,-39.81,-31.54	PASS
Band7	5MHz	16QAM	20775	1RB#24	-50.95,-42.07,-42.24,-49.03	PASS
Band7	5MHz	16QAM	20775	25RB#0	-43.17,-36.88,-32.58,-35.71	PASS
Band7	5MHz	16QAM	21425	1RB#0	-48.75,-42.10,-50.23,-50.48	PASS
Band7	5MHz	16QAM	21425	1RB#24	-30.37,-38.87,-49.14,-49.43	PASS
Band7	5MHz	16QAM	21425	25RB#0	-35.58,-31.52,-37.31,-39.50	PASS
Band7	20MHz	QPSK	20850	1RB#0	-48.49,-39.16,-43.59,-40.97	PASS
Band7	20MHz	QPSK	20850	1RB#99	-41.08,-40.44,-48.12,-59.97	PASS
Band7	20MHz	QPSK	20850	100RB#0	-39.59,-37.93,-35.54,-38.45	PASS
Band7	20MHz	QPSK	21350	1RB#0	-61.89,-48.94,-39.69,-51.66	PASS
Band7	20MHz	QPSK	21350	1RB#99	-40.43,-43.16,-38.10,-51.60	PASS
Band7	20MHz	QPSK	21350	100RB#0	-38.08,-35.47,-35.95,-46.57	PASS
Band7	20MHz	16QAM	20850	1RB#0	-48.98,-40.37,-44.57,-41.34	PASS
Band7	20MHz	16QAM	20850	1RB#99	-39.24,-41.05,-48.80,-60.84	PASS
Band7	20MHz	16QAM	20850	100RB#0	-41.34,-39.13,-36.84,-39.91	PASS
Band7	20MHz	16QAM	21350	1RB#0	-62.09,-49.39,-40.71,-51.68	PASS
Band7	20MHz	16QAM	21350	1RB#99	-40.26,-44.14,-38.91,-51.62	PASS
Band7	20MHz	16QAM	21350	100RB#0	-38.02,-35.57,-35.89,-46.00	PASS
Band38	5MHz	QPSK	37775	1RB#0	-50.60,-50.12,-38.91,-31.30	PASS
Band38	5MHz	QPSK	37775	1RB#24	-50.98,-51.00,-44.06,-49.26	PASS
Band38	5MHz	QPSK	37775	25RB#0	-42.03,-40.21,-29.98,-35.37	PASS
Band38	5MHz	QPSK	38225	1RB#0	-48.51,-42.52,-50.83,-50.97	PASS
Band38	5MHz	QPSK	38225	1RB#24	-29.53,-40.09,-49.95,-50.07	PASS
Band38	5MHz	QPSK	38225	25RB#0	-36.01,-29.38,-40.88,-40.50	PASS
Band38	5MHz	16QAM	37775	1RB#0	-50.90,-50.71,-41.05,-31.67	PASS
Band38	5MHz	16QAM	37775	1RB#24	-51.12,-51.01,-43.76,-47.73	PASS
Band38	5MHz	16QAM	37775	25RB#0	-42.94,-40.76,-29.25,-35.37	PASS
Band38	5MHz	16QAM	38225	1RB#0	-49.45,-42.62,-50.90,-51.10	PASS
Band38	5MHz	16QAM	38225	1RB#24	-31.00,-42.03,-50.33,-50.92	PASS
Band38	5MHz	16QAM	38225	25RB#0	-35.80,-28.68,-41.52,-42.79	PASS
Band38	20MHz	QPSK	37850	1RB#0	-51.91,-46.47,-35.65,-44.72	PASS
Band38	20MHz	QPSK	37850	1RB#99	-51.98,-42.03,-50.48,-62.28	PASS
Band38	20MHz	QPSK	37850	100RB#0	-47.49,-36.78,-34.58,-39.26	PASS
Band38	20MHz	QPSK	38150	1RB#0	-62.43,-50.80,-41.87,-51.65	PASS
Band38	20MHz	QPSK	38150	1RB#99	-44.00,-46.54,-49.23,-51.64	PASS
Band38	20MHz	QPSK	38150	100RB#0	-40.34,-35.86,-38.08,-47.42	PASS
Band38	20MHz	16QAM	37850	1RB#0	-51.97,-48.01,-36.18,-43.85	PASS
Band38	20MHz	16QAM	37850	1RB#99	-51.99,-40.56,-50.72,-61.50	PASS
Band38	20MHz	16QAM	37850	100RB#0	-47.34,-37.56,-34.89,-38.97	PASS
Band38	20MHz	16QAM	38150	1RB#0	-62.71,-50.95,-43.24,-51.66	PASS
Band38	20MHz	16QAM	38150	1RB#99	-44.48,-47.18,-48.29,-51.66	PASS
Band38	20MHz	16QAM	38150	100RB#0	-39.60,-35.95,-37.98,-47.69	PASS

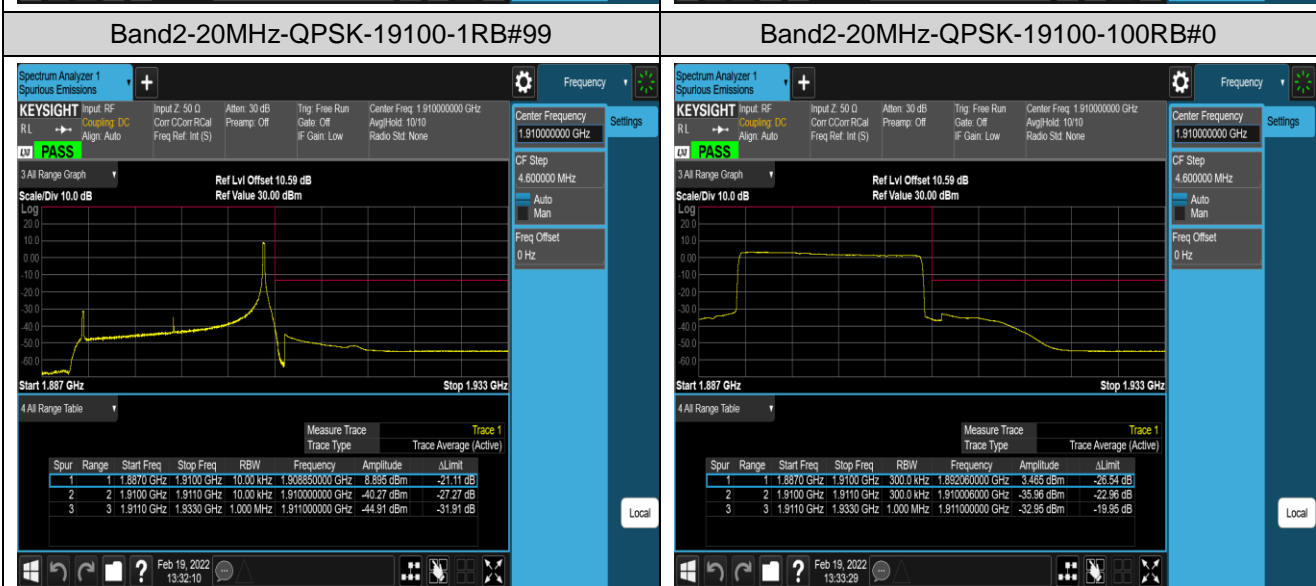
*Remark: All bandwidth and all modulation had been tested, but only the worst case data displayed in this report.*

Test Graphs







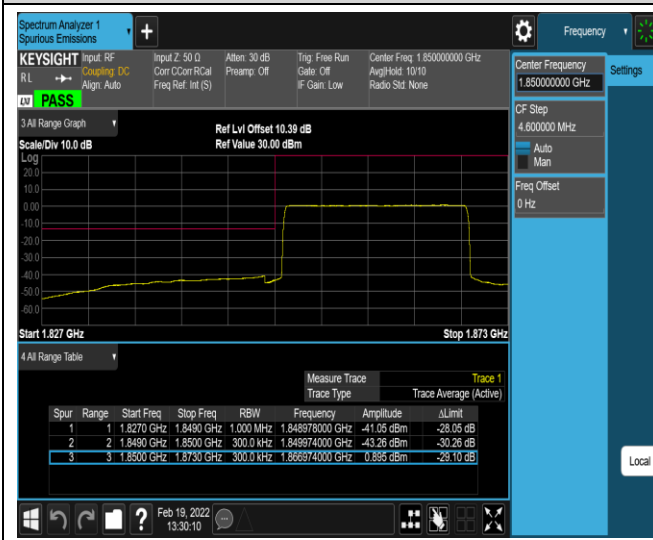




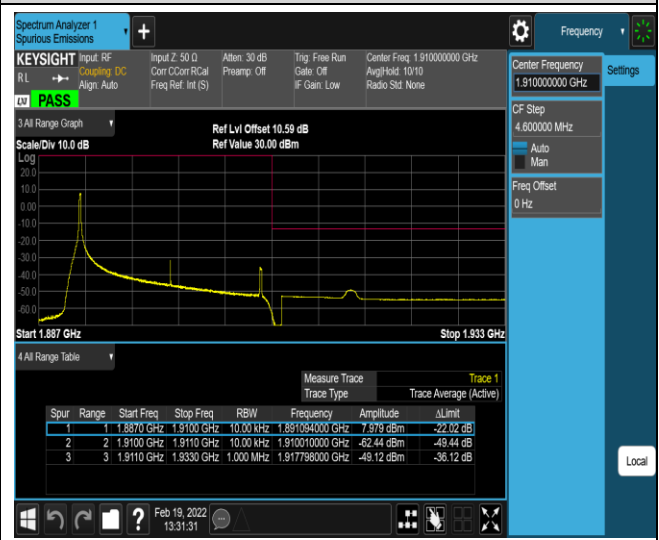


Band2-20MHz-16QAM-18700-100RB#0

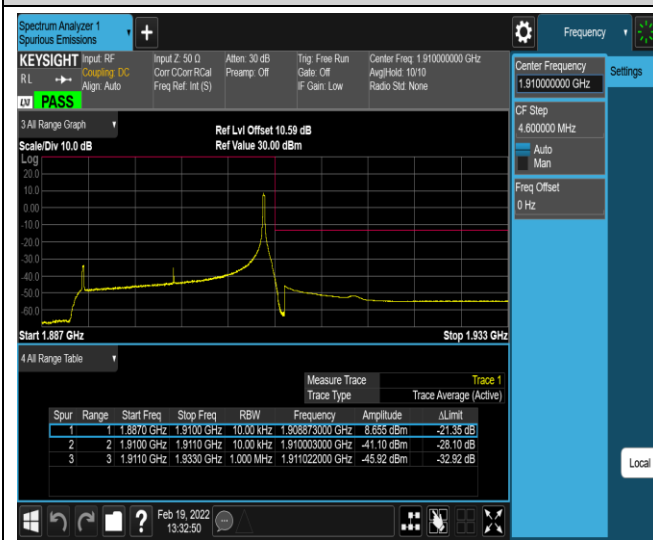
Band2-20MHz-16QAM-19100-1RB#0



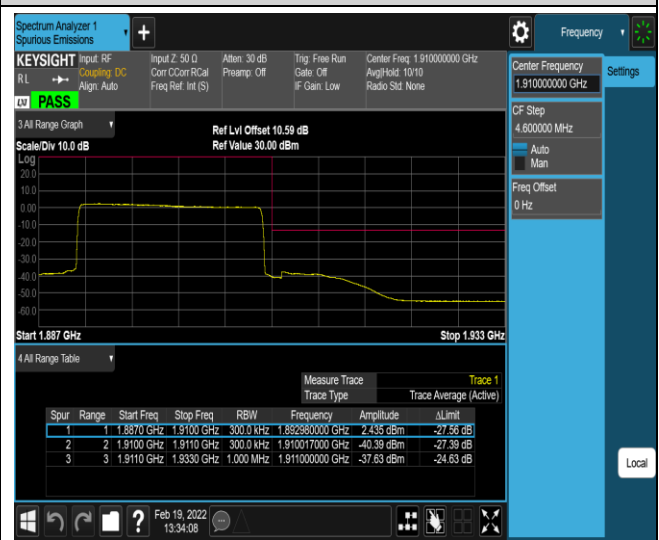
Band2-20MHz-16QAM-19100-1RB#99



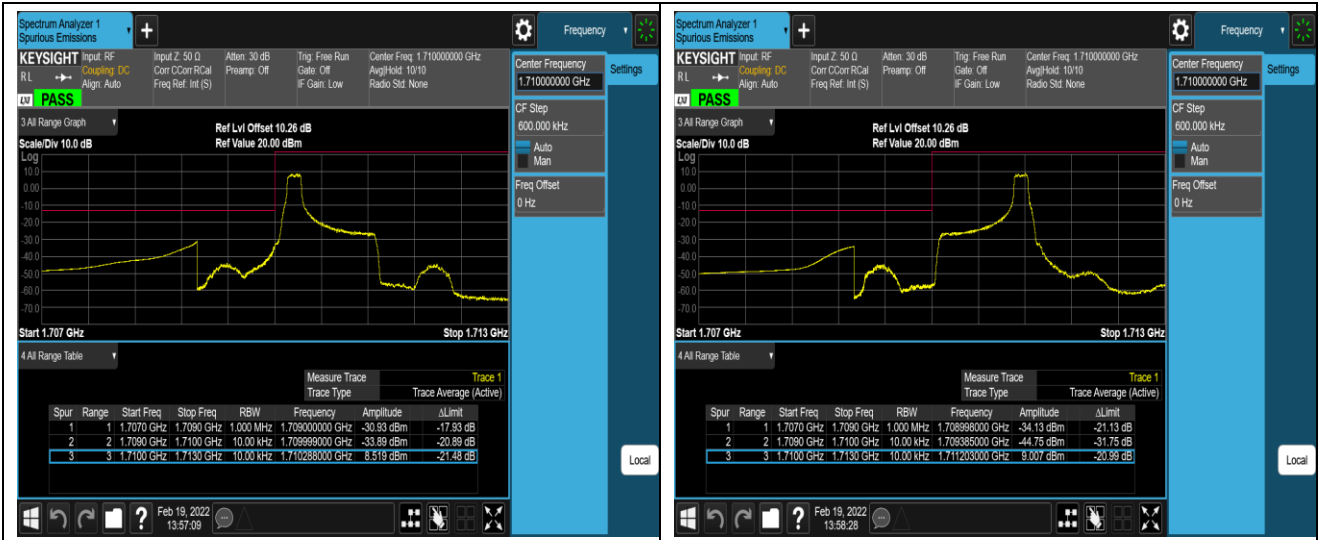
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Band4-1.4MHz-QPSK-19957-1RB#0



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



Band4-1.4MHz-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



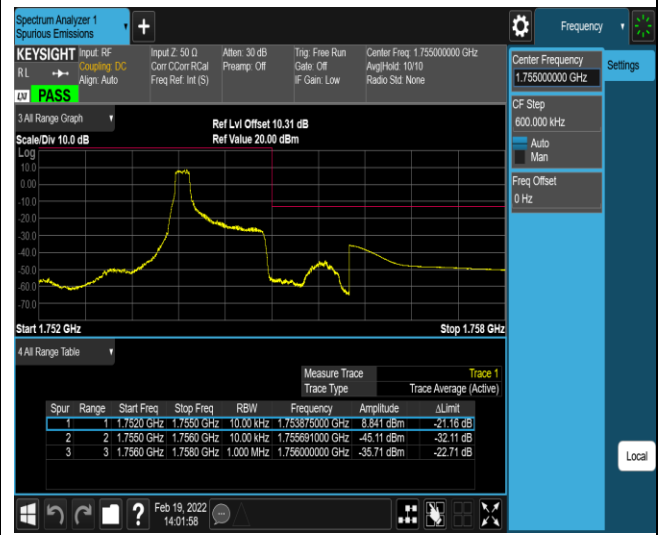
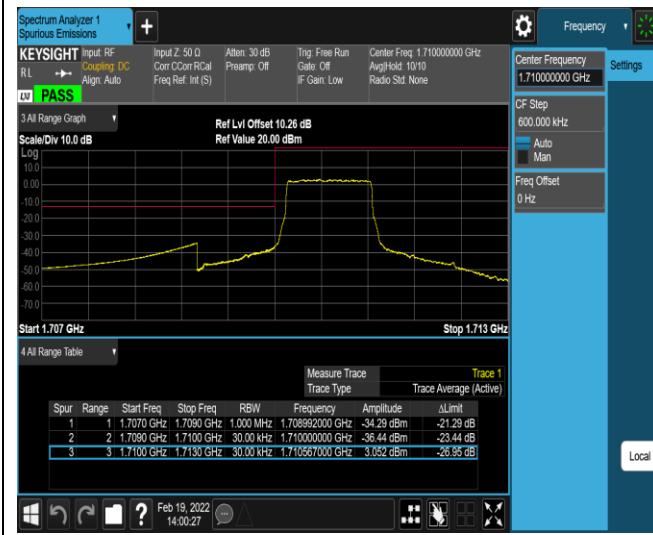
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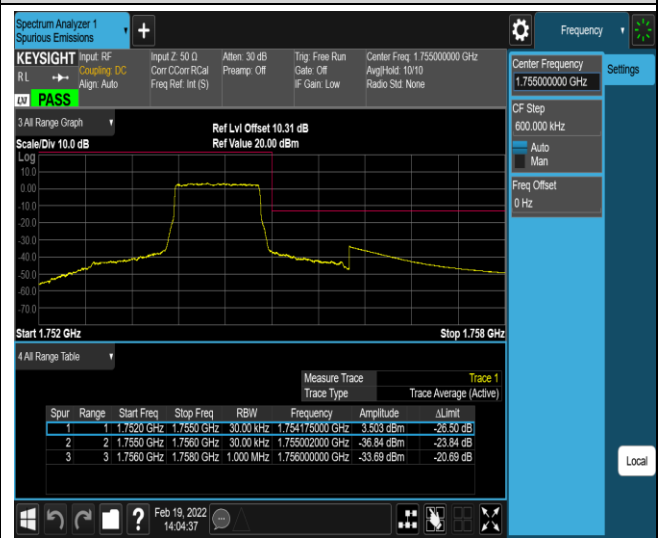
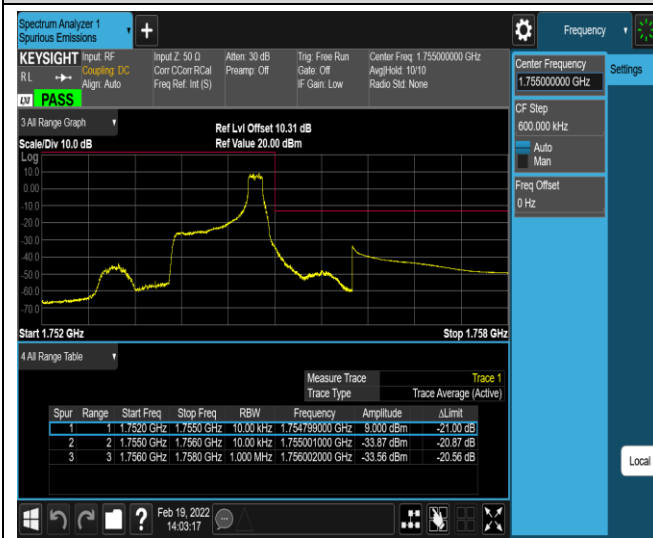
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Band4-1.4MHz-16QAM-20393-1RB#0



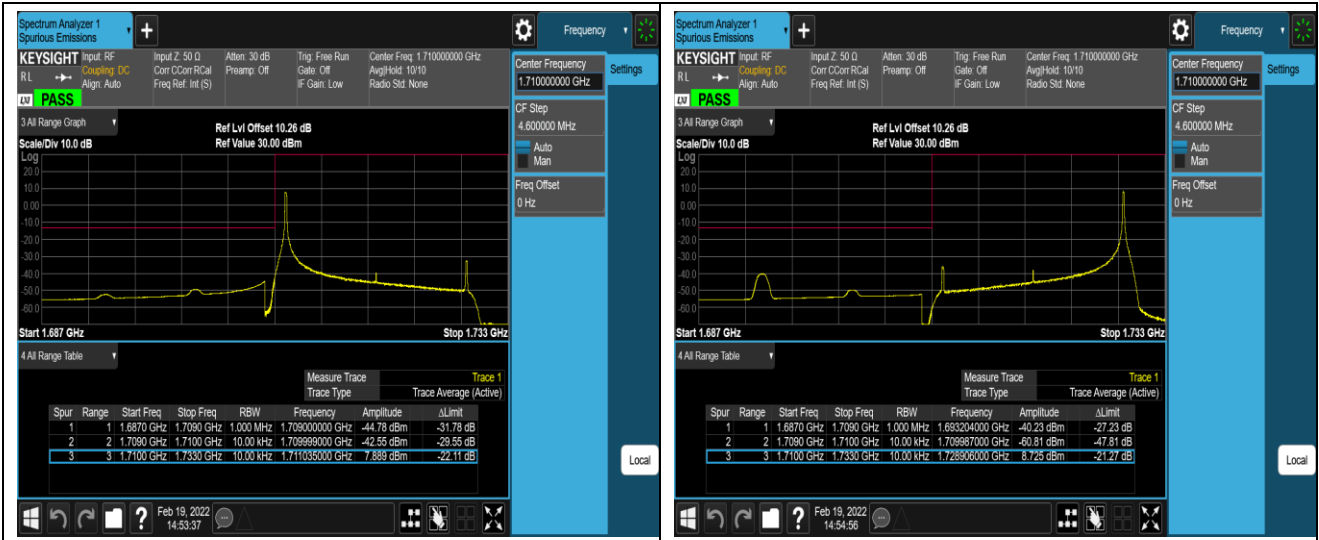
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Band4-1.4MHz-16QAM-20393-6RB#0



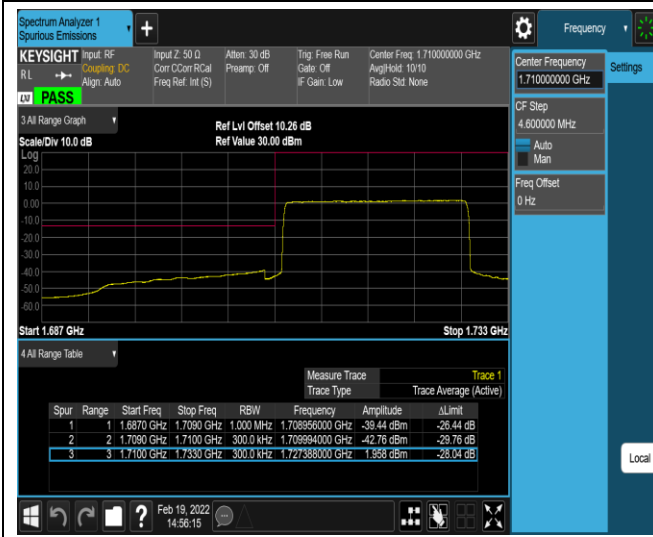
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Band4-20MHz-QPSK-20050-1RB#99

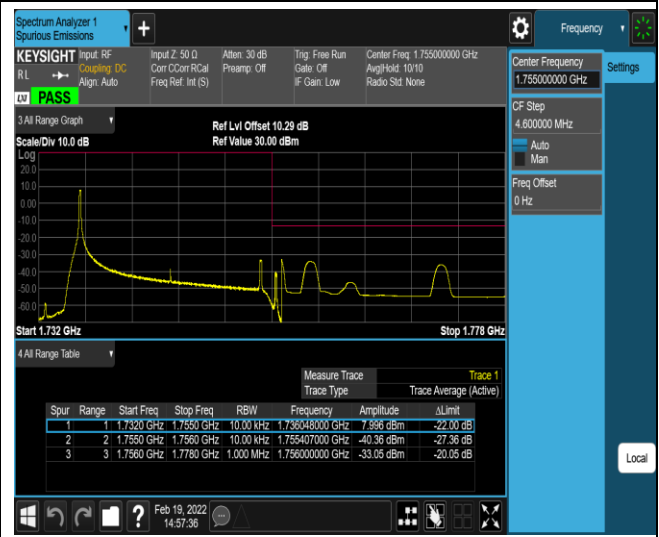


Band4-20MHz-QPSK-20050-100RB#0

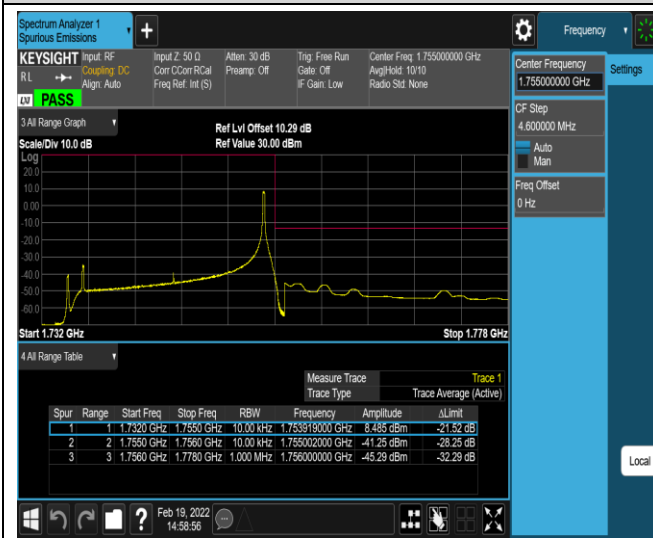
Band4-20MHz-QPSK-20300-1RB#0



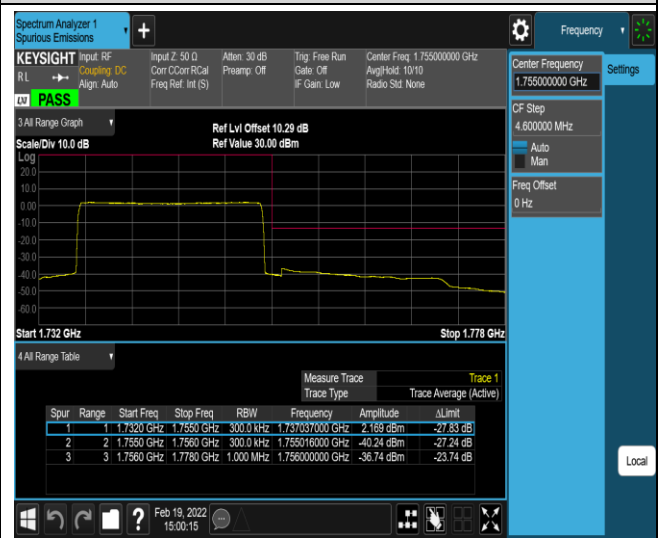
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Band4-20MHz-QPSK-20300-100RB#0



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



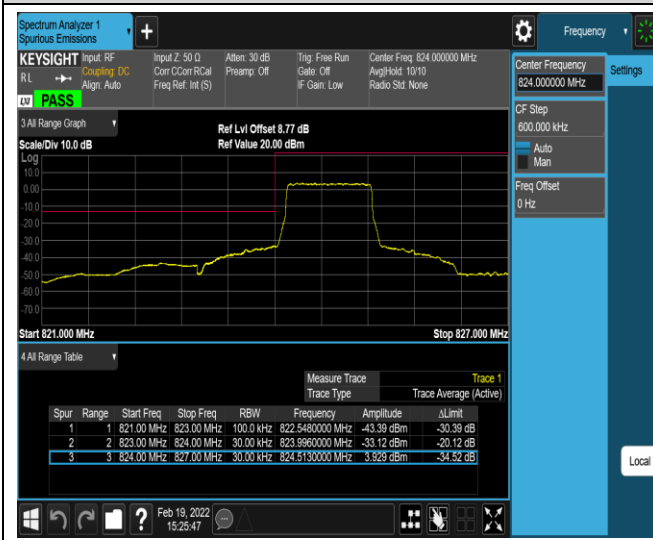
Band5-1.4MHz-QPSK-20407-1RB#0

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

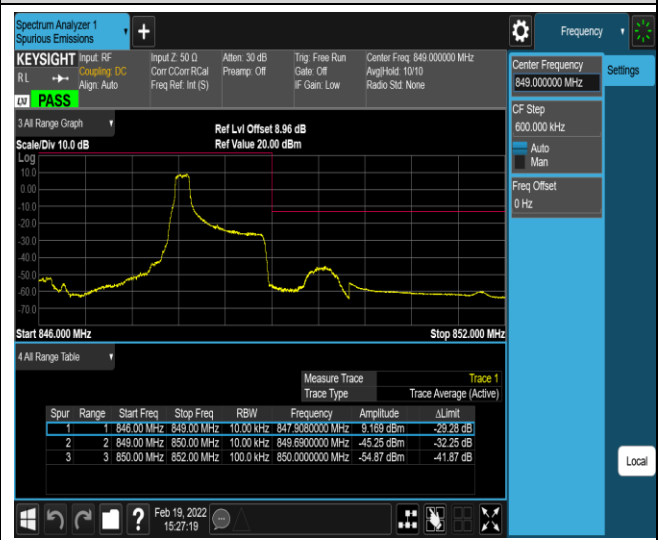


Band5-1.4MHz-QPSK-20407-6RB#0

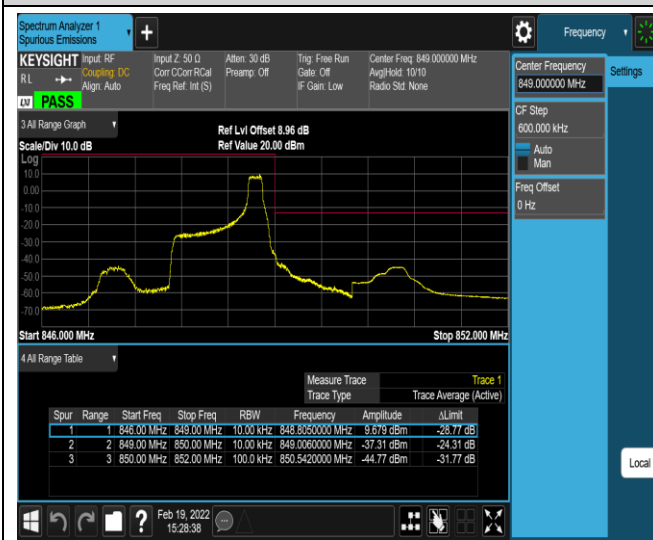
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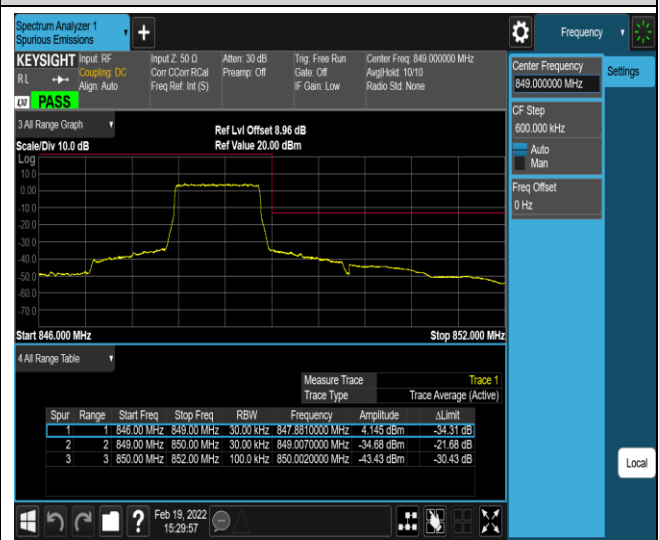
Band5-1.4MHz-QPSK-20643-1RB#5



Band5-1.4MHz-QPSK-20643-6RB#0



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



Band5-1.4MHz-16QAM-20407-1RB#5

