Appendix D: Band Edge

Test Result (worst case)

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	-47.37,-36.88	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	-38.36,-45.79	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	-41.23,-43.51	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	-45.72,-38.81	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	-36.96,-47.65	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-43.17,-43.23	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	-48.08,-36.87	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	-40.87,-46.87	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-42.61,-43.86	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	-48.45,-41.14	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	-38.20,-47.98	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-45.31,-44.41	PASS
Band2	20MHz	QPSK	18700	1RB#0	-51.51,-42.89	PASS
Band2	20MHz	QPSK	18700	1RB#99	-50.56,-67.82	PASS
Band2	20MHz	QPSK	18700	100RB#0	-45.91,-49.20	PASS
Band2	20MHz	QPSK	19100	1RB#0	-67.54,-53.55	PASS
Band2	20MHz	QPSK	19100	1RB#99	-45.49,-51.48	PASS
Band2	20MHz	QPSK	19100	100RB#0	-48.85,-45.35	PASS
Band2	20MHz	16QAM	18700	1RB#0	-51.68,-46.27	PASS
Band2	20MHz	16QAM	18700	1RB#99	-51.66,-68.14	PASS
Band2	20MHz	16QAM	18700	100RB#0	-45.80,-49.40	PASS
Band2	20MHz	16QAM	19100	1RB#0	-68.11,-53.54	PASS
Band2	20MHz	16QAM	19100	1RB#99	-46.56,-51.55	PASS
Band2	20MHz	16QAM	19100	100RB#0	-50.29,-46.86	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	-48.33,-34.03	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	-41.14,-49.08	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	-36.28,-38.56	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	-48.72,-40.03	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	-34.64,-47.93	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-41.58,-37.99	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	-49.06,-34.92	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	-43.18,-51.84	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-39.01,-40.62	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	-50.48,-42.25	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	-37.09,-48.58	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-42.74,-39.77	PASS
Band4	20MHz	QPSK	20050	1RB#0	-51.94,-44.75	PASS
Band4	20MHz	QPSK	20050	1RB#99	-53.28,-67.48	PASS

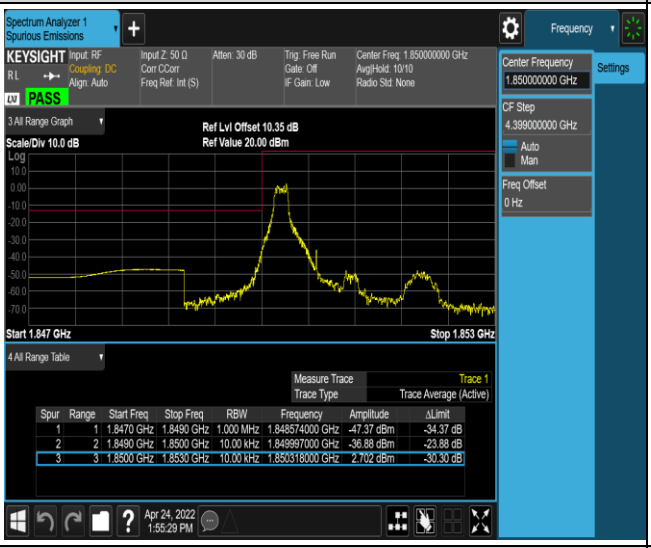
Band4	20MHz	QPSK	20050	100RB#0	-41.41,-44.38	PASS
Band4	20MHz	QPSK	20300	1RB#0	-67.80,-45.92	PASS
Band4	20MHz	QPSK	20300	1RB#99	-46.41,-51.19	PASS
Band4	20MHz	QPSK	20300	100RB#0	-43.44,-40.48	PASS
Band4	20MHz	16QAM	20050	1RB#0	-51.96,-44.82	PASS
Band4	20MHz	16QAM	20050	1RB#99	-53.76,-67.76	PASS
Band4	20MHz	16QAM	20050	100RB#0	-42.04,-45.71	PASS
Band4	20MHz	16QAM	20300	1RB#0	-67.04,-47.89	PASS
Band4	20MHz	16QAM	20300	1RB#99	-45.79,-51.71	PASS
Band4	20MHz	16QAM	20300	100RB#0	-44.66,-41.15	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	-63.35,-41.25	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	-64.61,-53.01	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	-58.74,-44.98	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	-51.87,-64.71	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	-41.56,-61.76	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-46.15,-58.40	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	-63.65,-43.42	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	-64.67,-52.86	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-59.06,-47.89	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	-54.32,-64.75	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	-41.93,-62.51	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-47.94,-58.69	PASS
Band5	10MHz	QPSK	20450	1RB#0	-64.43,-43.75	PASS
Band5	10MHz	QPSK	20450	1RB#49	-54.66,-69.75	PASS
Band5	10MHz	QPSK	20450	50RB#0	-55.04,-46.97	PASS
Band5	10MHz	QPSK	20600	1RB#0	-70.20,-55.69	PASS
Band5	10MHz	QPSK	20600	1RB#49	-42.95,-61.07	PASS
Band5	10MHz	QPSK	20600	50RB#0	-43.61,-51.97	PASS
Band5	10MHz	16QAM	20450	1RB#0	-64.50,-44.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	-56.33,-69.30	PASS
Band5	10MHz	16QAM	20450	50RB#0	-57.43,-49.98	PASS
Band5	10MHz	16QAM	20600	1RB#0	-69.73,-57.39	PASS
Band5	10MHz	16QAM	20600	1RB#49	-42.34,-61.97	PASS
Band5	10MHz	16QAM	20600	50RB#0	-46.21,-54.21	PASS
Band7	5MHz	QPSK	20775	1RB#0	-50.30,-46.47,-45.93,-31.31	PASS
Band7	5MHz	QPSK	20775	1RB#24	-50.77,-39.00,-39.20,-63.28	PASS
Band7	5MHz	QPSK	20775	25RB#0	-47.84,-42.39,-37.18,-39.01	PASS
Band7	5MHz	QPSK	21425	1RB#0	-60.81,-37.42,-50.04,-50.45	PASS
Band7	5MHz	QPSK	21425	1RB#24	-27.82,-45.33,-49.98,-49.09	PASS
Band7	5MHz	QPSK	21425	25RB#0	-36.10,-33.13,-44.21,-45.27	PASS
Band7	5MHz	16QAM	20775	1RB#0	-50.52,-47.39,-46.45,-29.22	PASS
Band7	5MHz	16QAM	20775	1RB#24	-50.82,-40.86,-40.96,-60.28	PASS
Band7	5MHz	16QAM	20775	25RB#0	-48.63,-45.02,-38.05,-40.67	PASS

Band7	5MHz	16QAM	21425	1RB#0	-61.78,-38.64,-50.00,-50.64	PASS
Band7	5MHz	16QAM	21425	1RB#24	-31.40,-45.68,-50.03,-49.61	PASS
Band7	5MHz	16QAM	21425	25RB#0	-38.19,-35.21,-44.67,-46.44	PASS
Band7	20MHz	QPSK	20850	1RB#0	-49.91,-48.34,-42.27	PASS
Band7	20MHz	QPSK	20850	1RB#99	-50.50,-49.99,-64.03	PASS
Band7	20MHz	QPSK	20850	100RB#0	-44.96,-41.74,-40.10,-42.99	PASS
Band7	20MHz	QPSK	21350	1RB#0	-64.40,-49.85,-42.59,-51.26	PASS
Band7	20MHz	QPSK	21350	1RB#99	-40.06,-47.76,-49.59,-51.25	PASS
Band7	20MHz	QPSK	21350	100RB#0	-40.57,-37.39,-39.11,-50.80	PASS
Band7	20MHz	16QAM	20850	1RB#0	-50.11,-48.49,-45.25	PASS
Band7	20MHz	16QAM	20850	1RB#99	-50.53,-50.00,-64.99	PASS
Band7	20MHz	16QAM	20850	100RB#0	-46.63,-43.24,-41.60,-44.93	PASS
Band7	20MHz	16QAM	21350	1RB#0	-64.31,-49.93,-44.65,-51.30	PASS
Band7	20MHz	16QAM	21350	1RB#99	-43.17,-48.07,-49.72,-51.28	PASS
Band7	20MHz	16QAM	21350	100RB#0	-42.72,-39.57,-41.10,-50.69	PASS

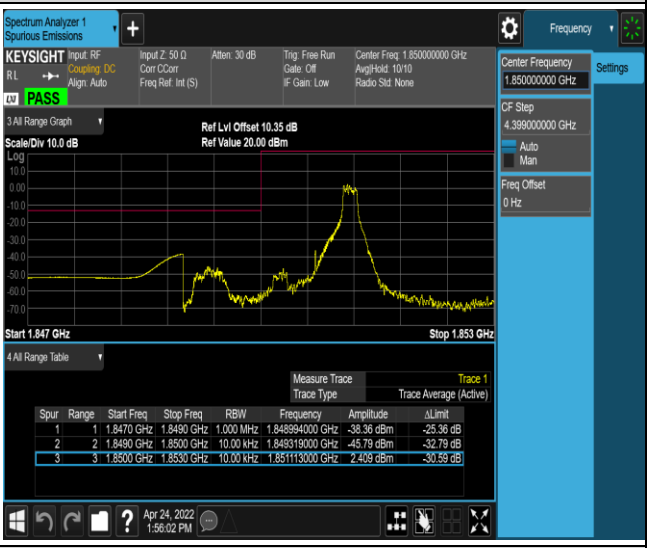
Remark: All bandwidth and all modulation had been tested, but only the worst case data displayed in this report.

Test Graphs

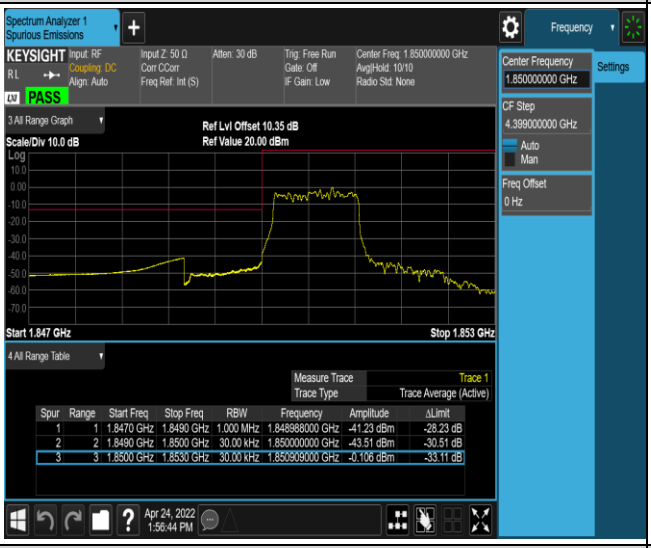
Band2-1.4MHz-QPSK-18607-1RB#0



Band2-1.4MHz-QPSK-18607-1RB#5

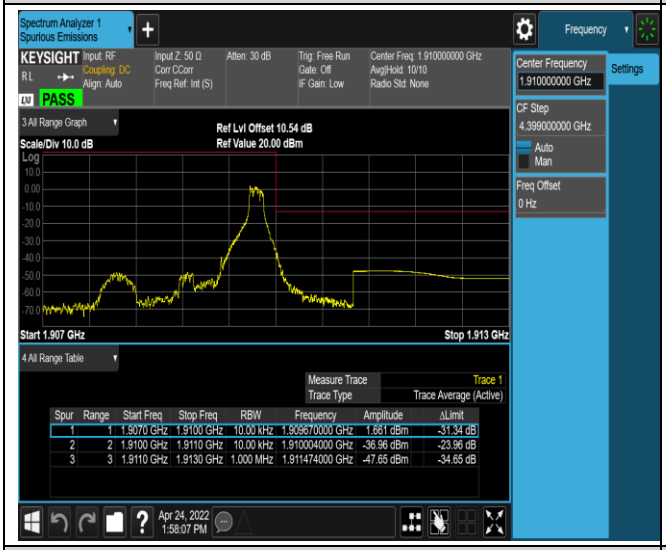


Band2-1.4MHz-QPSK-18607-6RB#0



Band2-1.4MHz-QPSK-19193-1RB#0

Band2-1.4MHz-QPSK-19193-1RB#5



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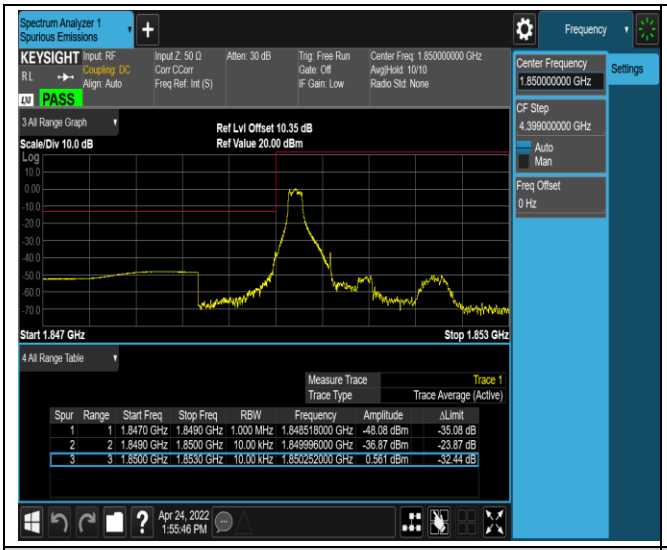
Band2-1.4MHz-16QAM-18607-1RB#5



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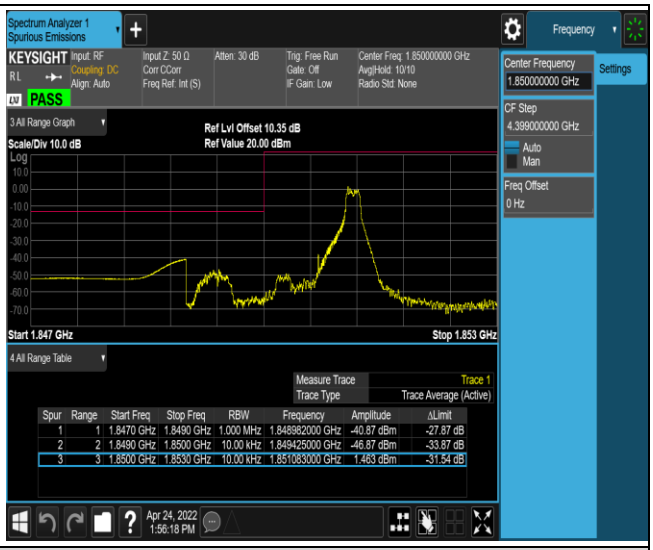

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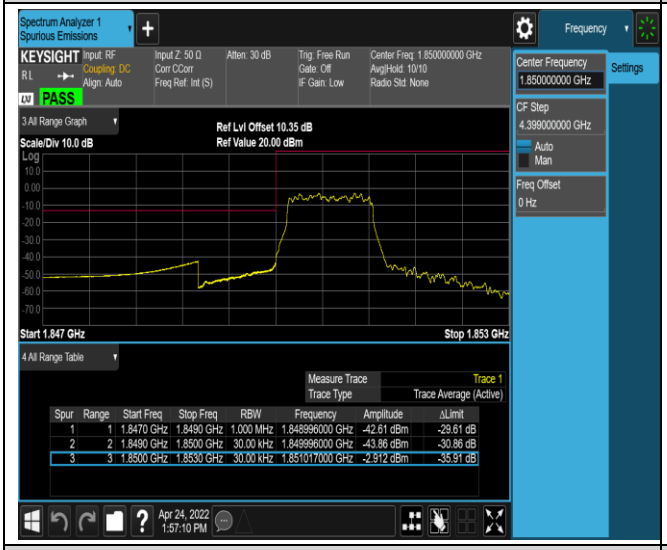

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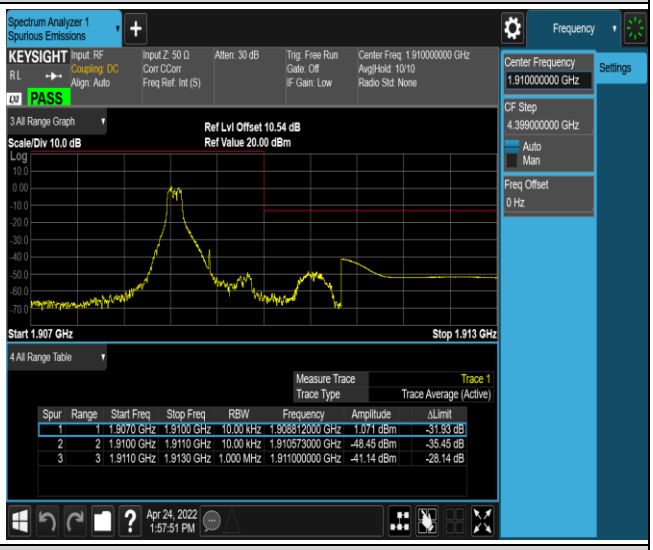

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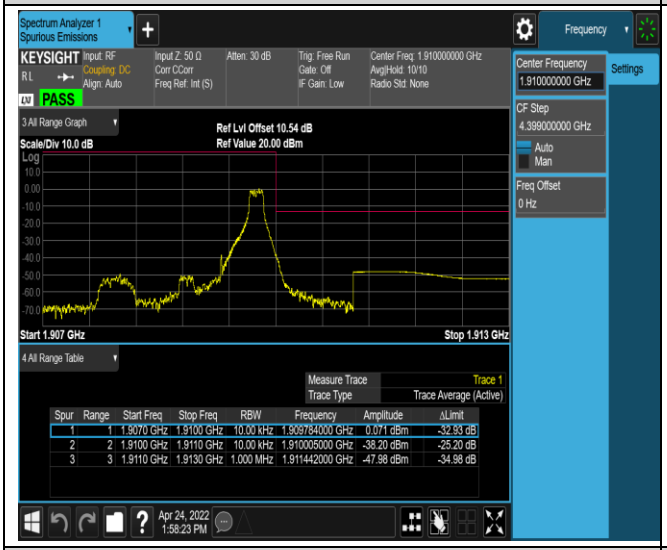

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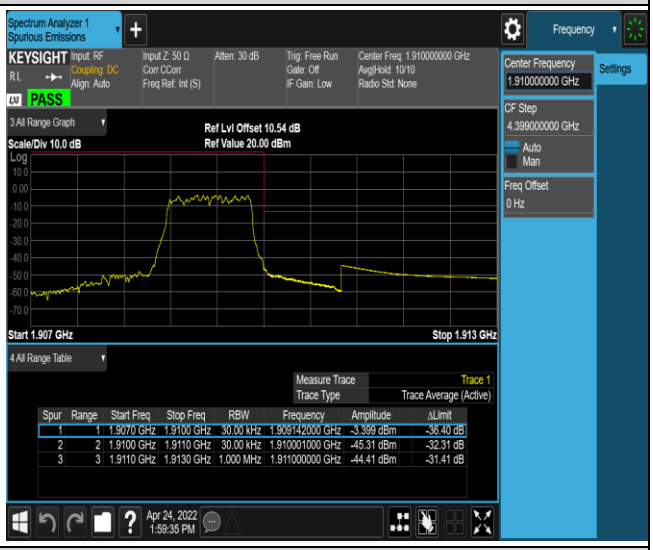
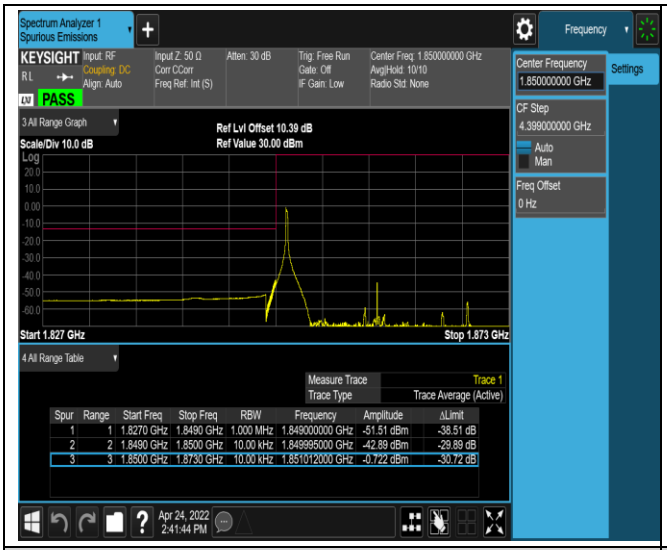
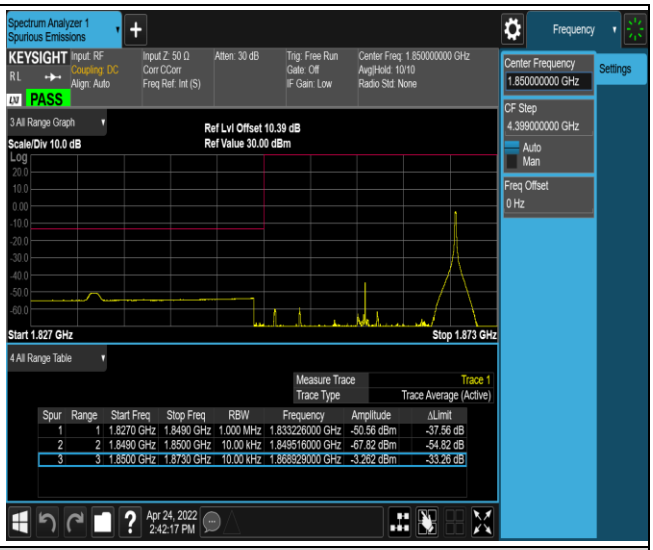


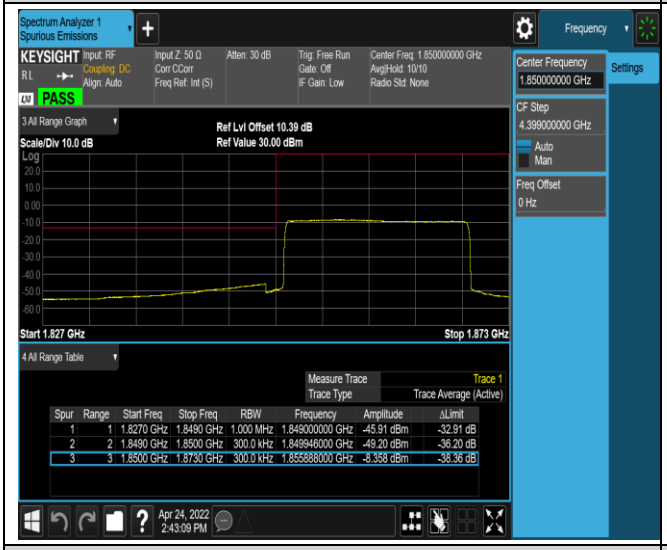
Band2-20MHz-QPSK-18700-1RB#99



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



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



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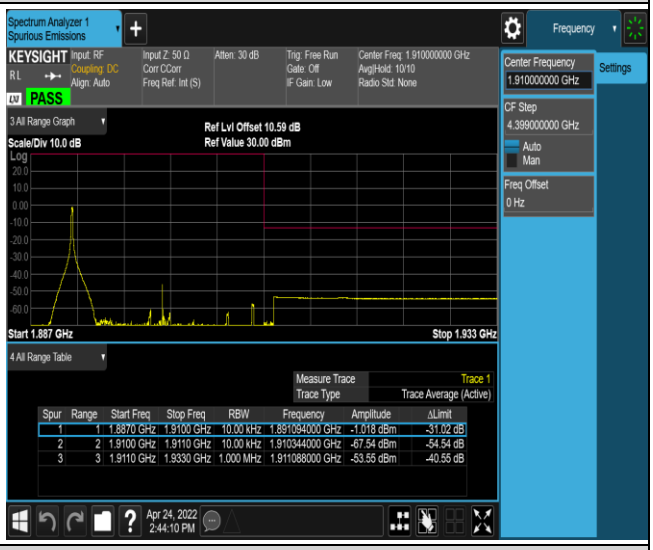

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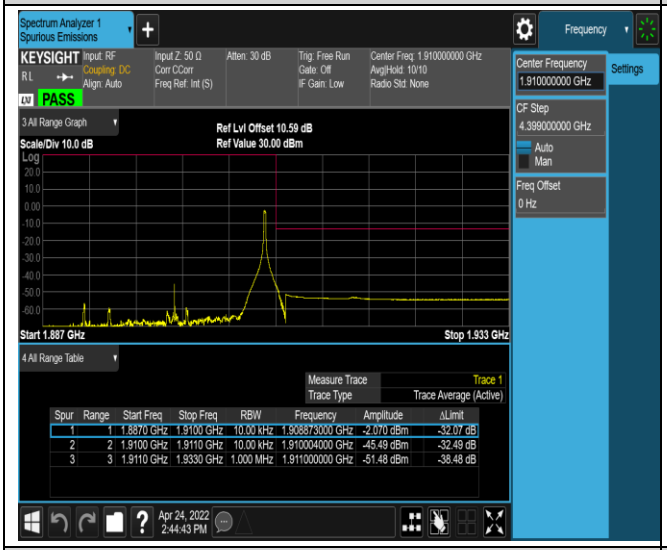

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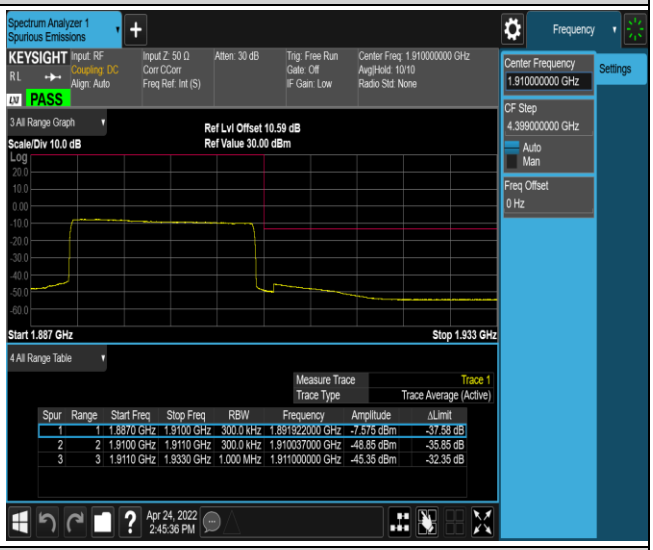

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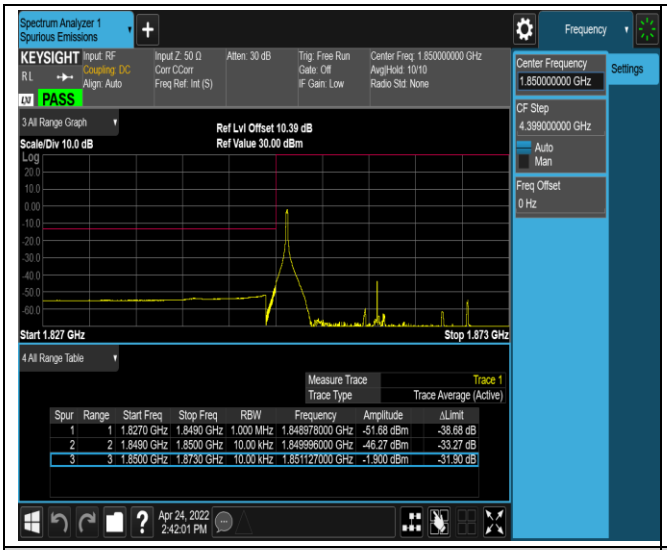

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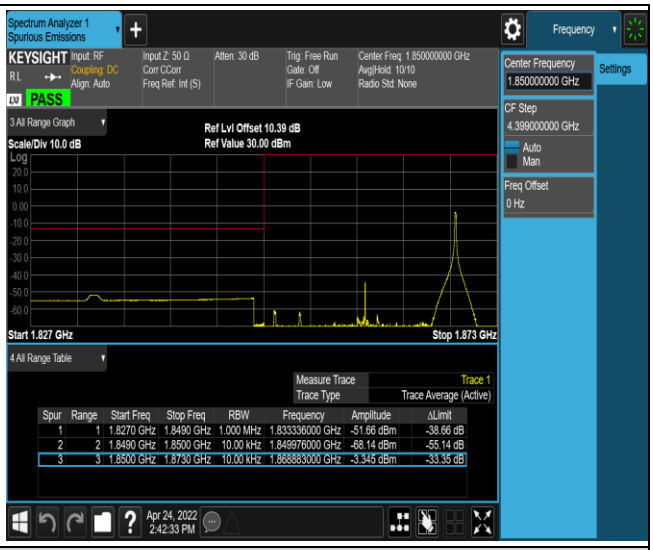

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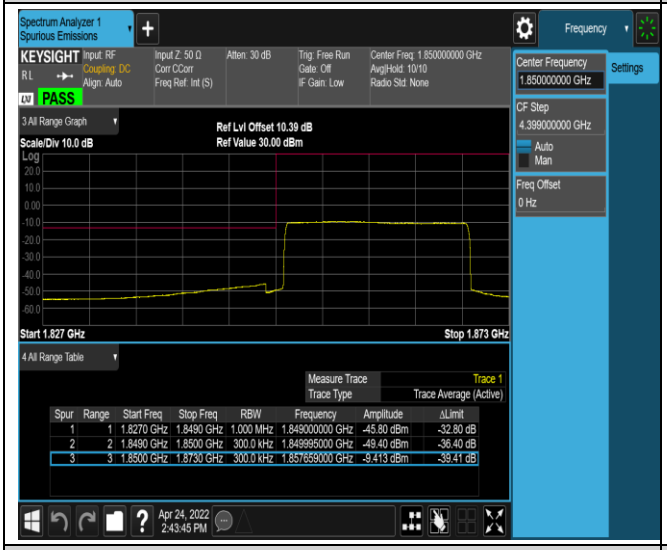

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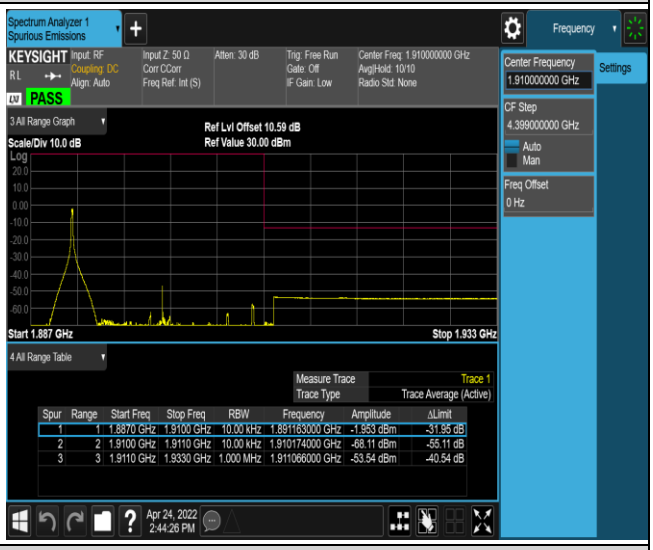
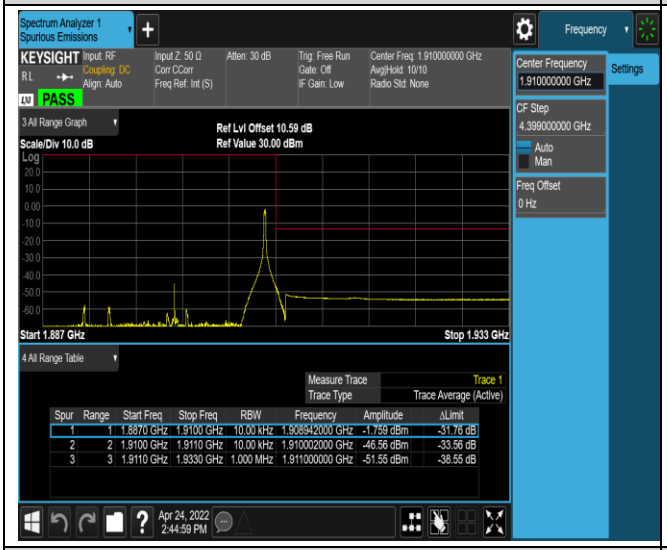
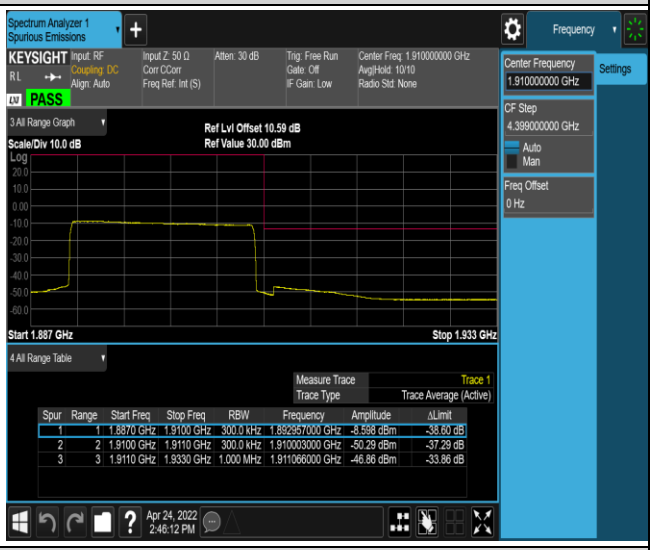


Band2-20MHz-16QAM-19100-100RB#0



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



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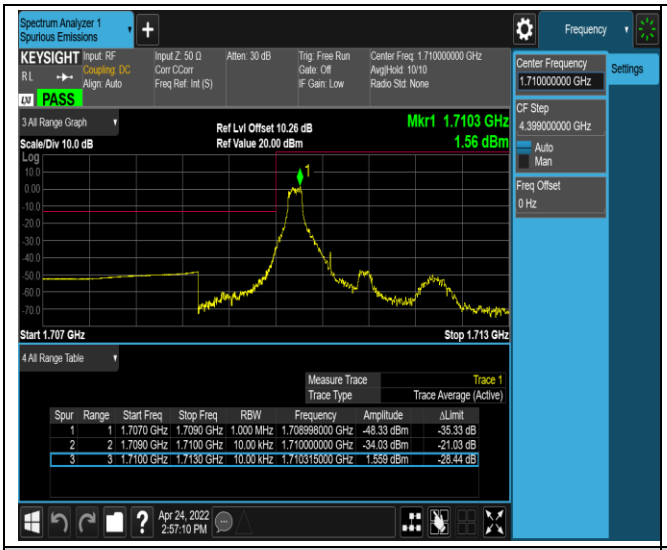
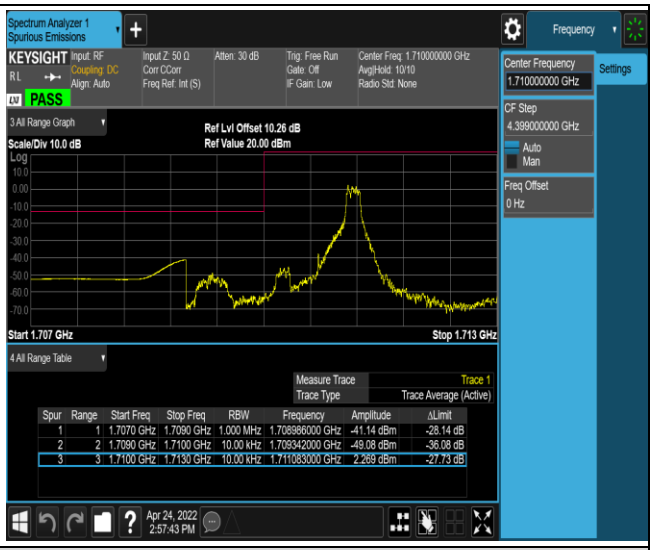


Band4-1.4MHz-QPSK-19957-6RB#0



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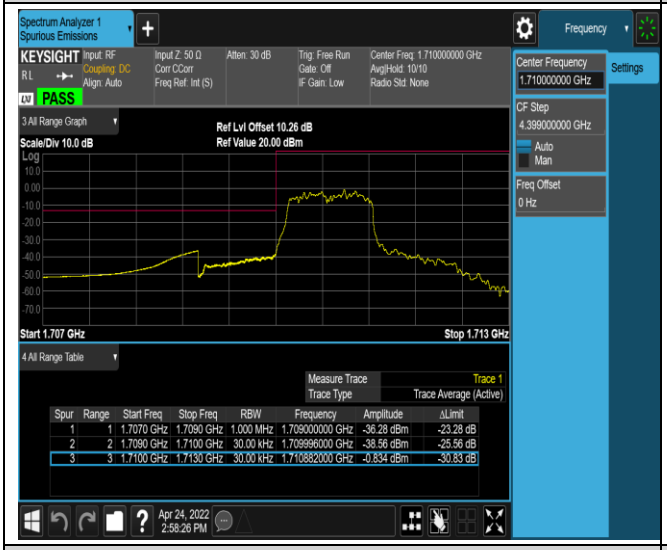

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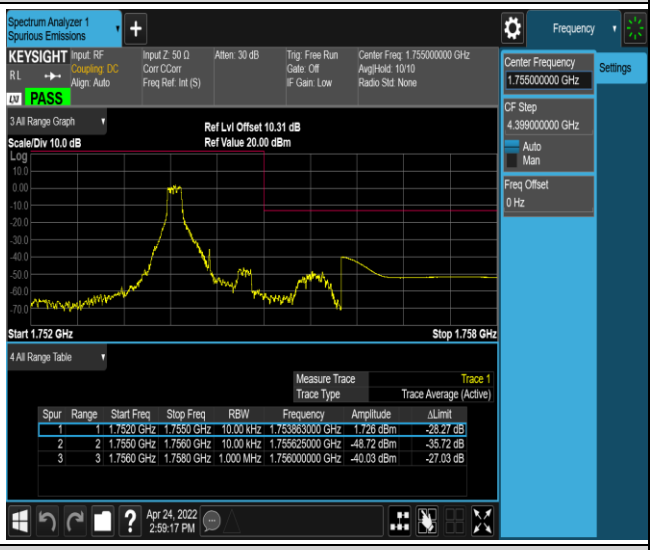

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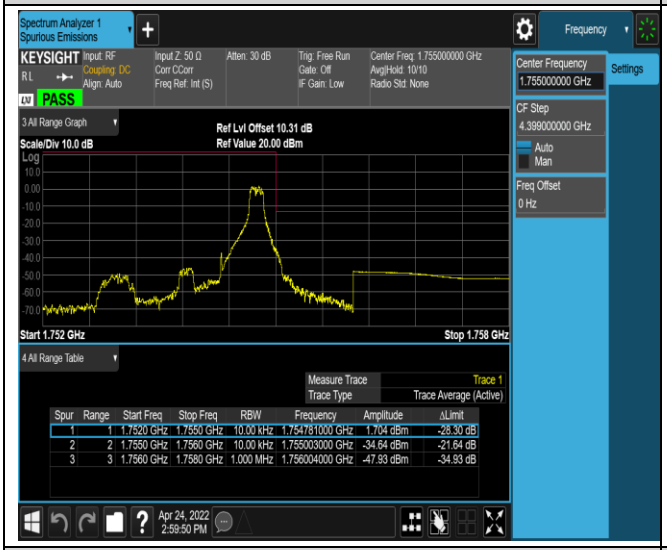
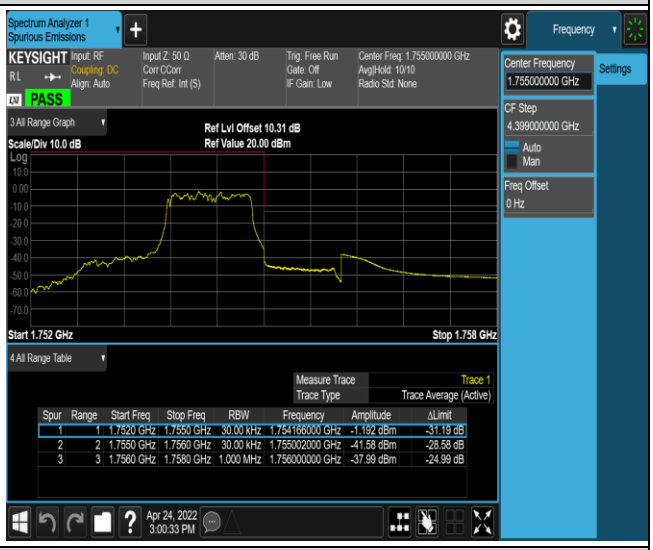


Band4-1.4MHz-16QAM-19957-1RB#0



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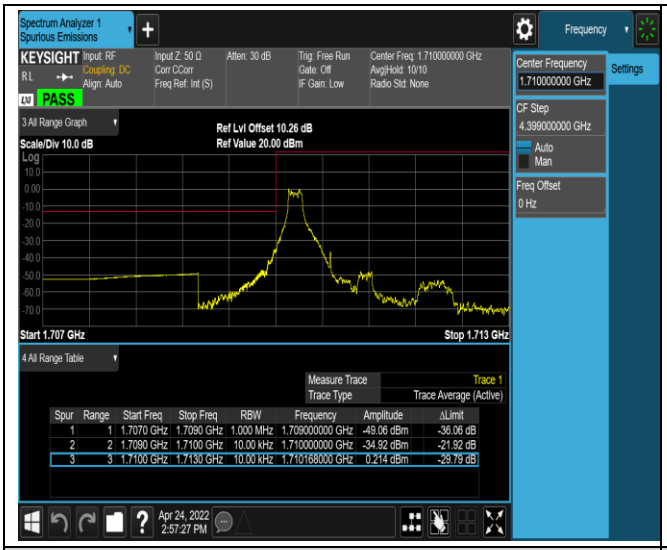

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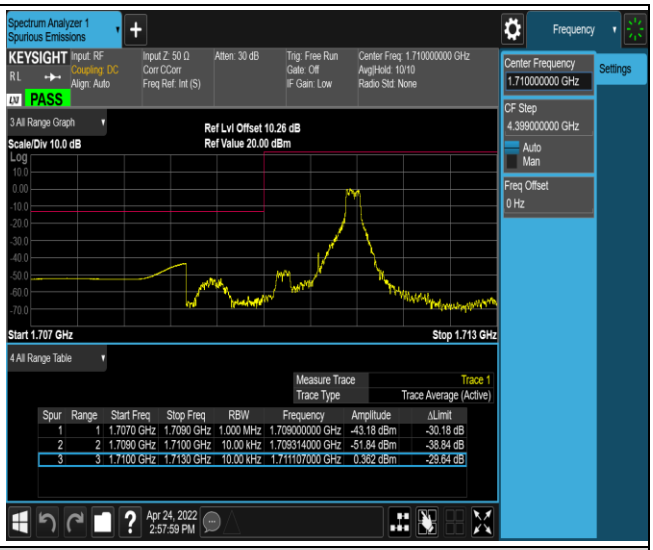
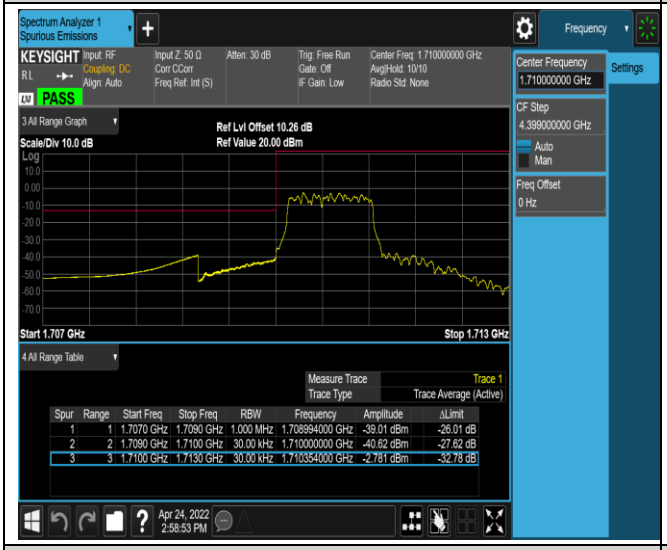
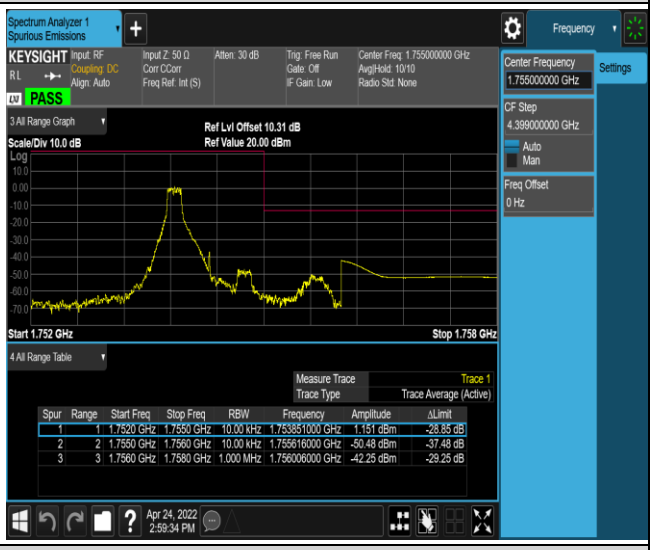


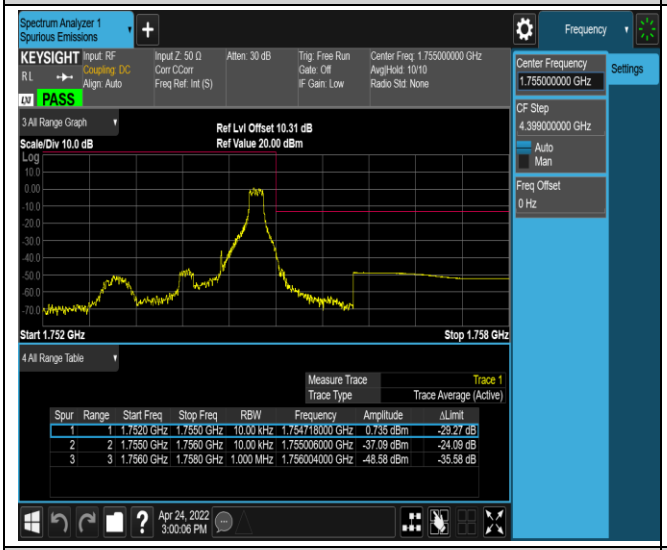
Band4-1.4MHz-16QAM-20393-1RB#0



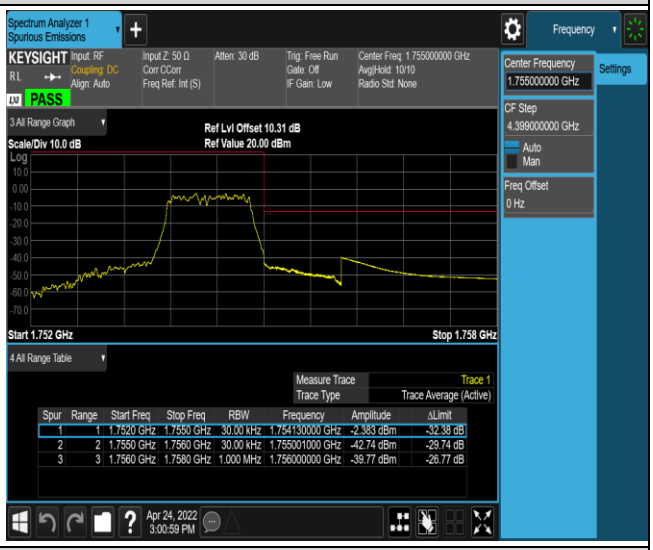
Band4-1.4MHz-16QAM-20393-1RB#5



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



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



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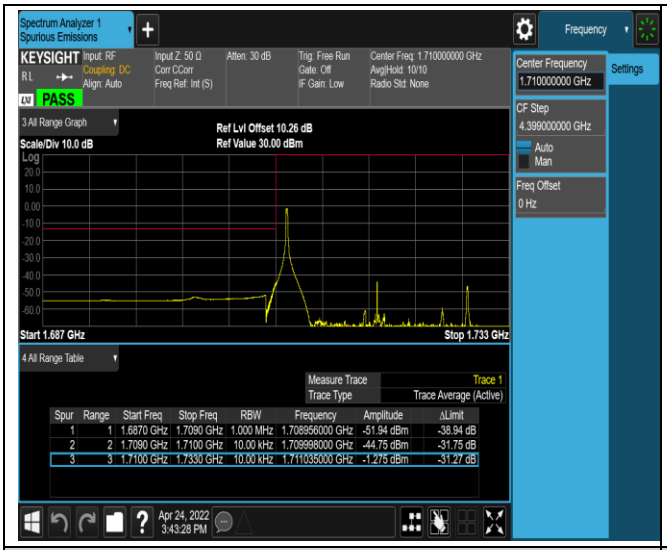
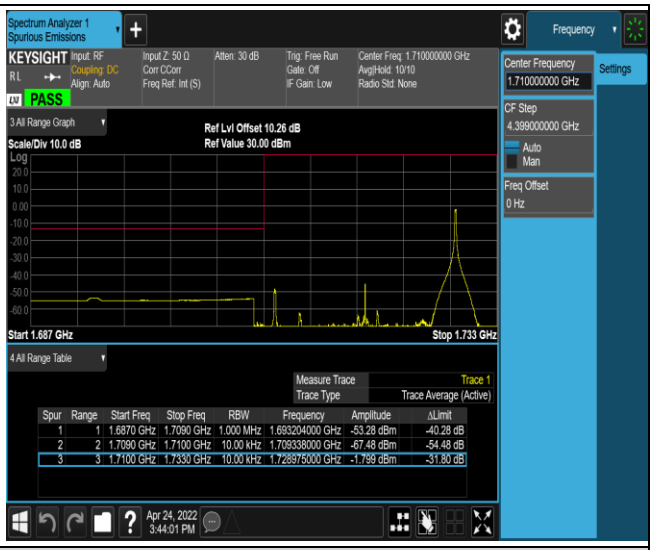
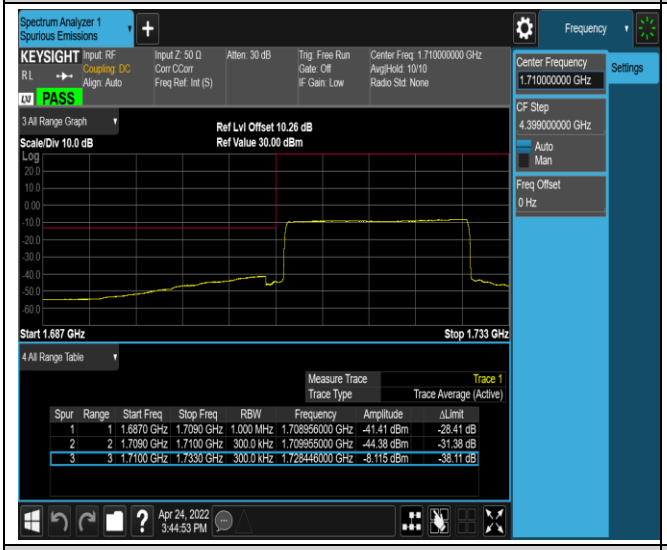


Band4-20MHz-QPSK-20050-100RB#0



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



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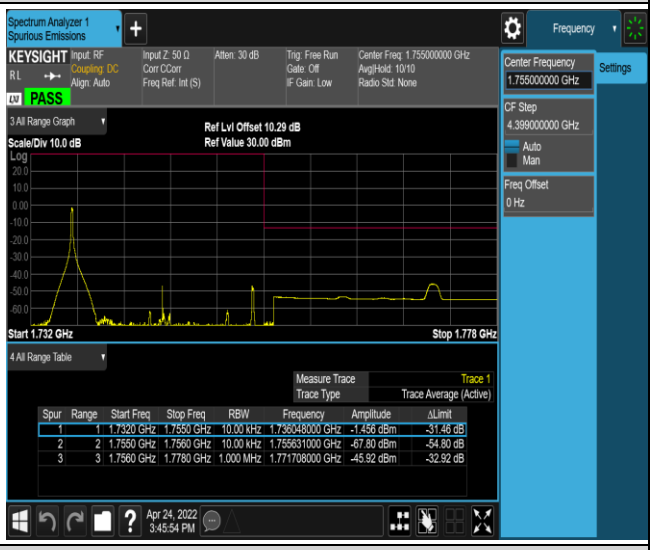

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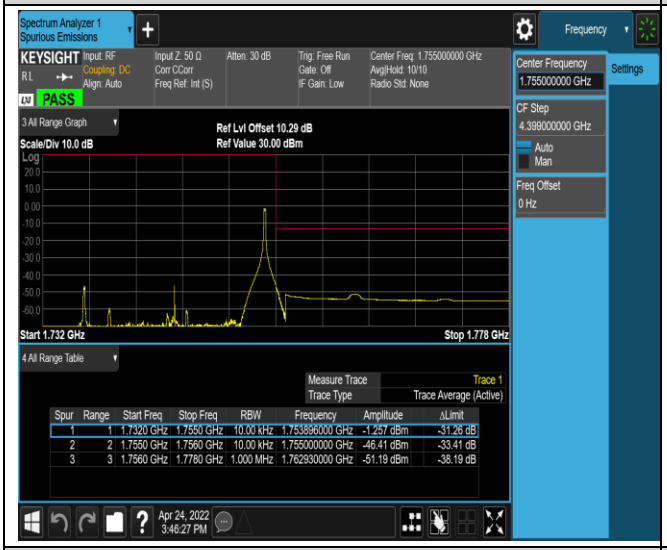

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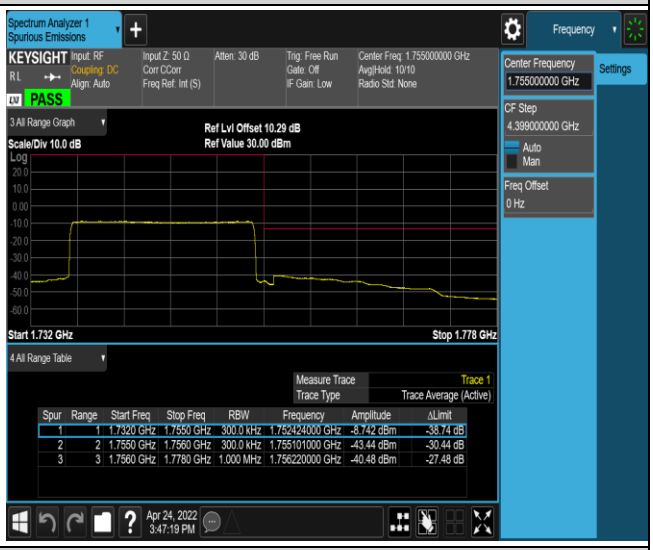

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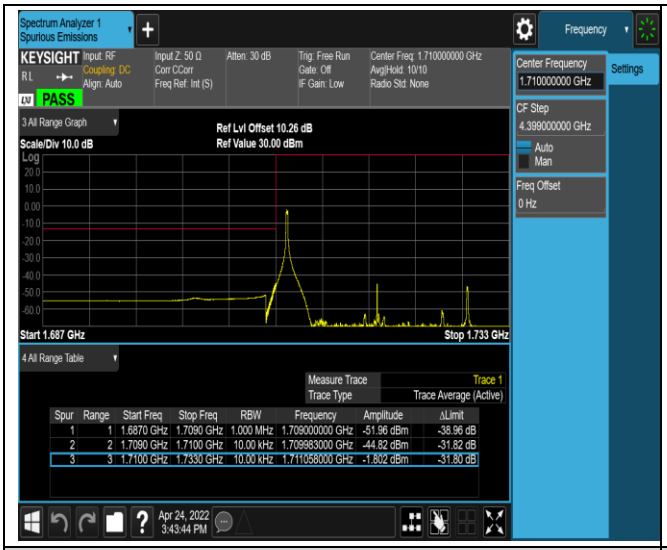

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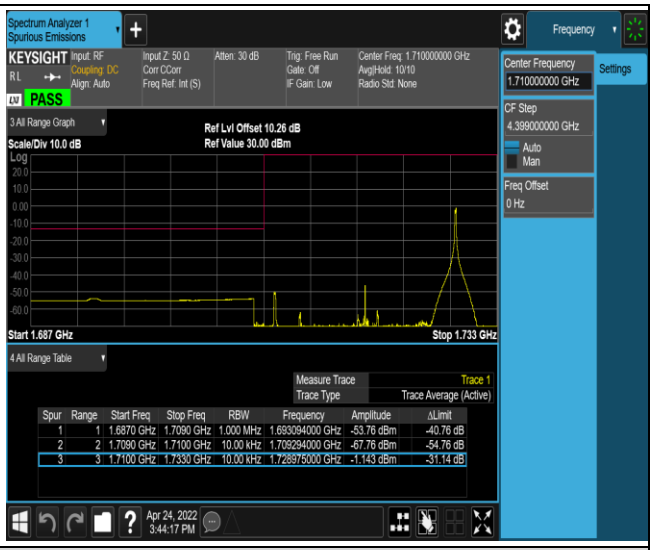
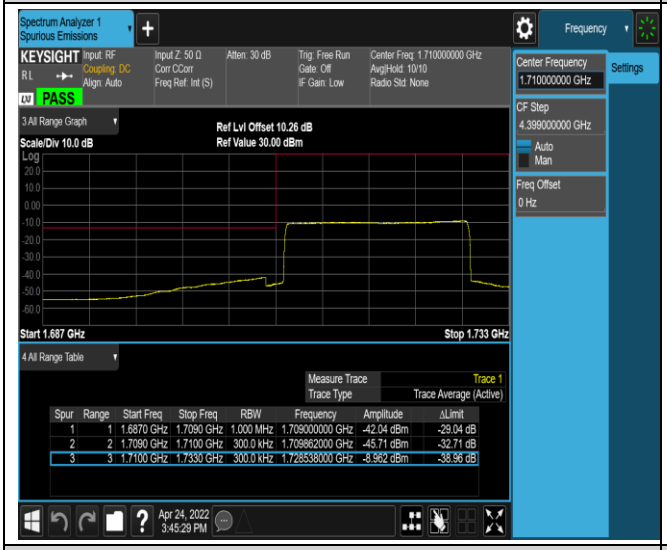


Band4-20MHz-16QAM-20300-1RB#0



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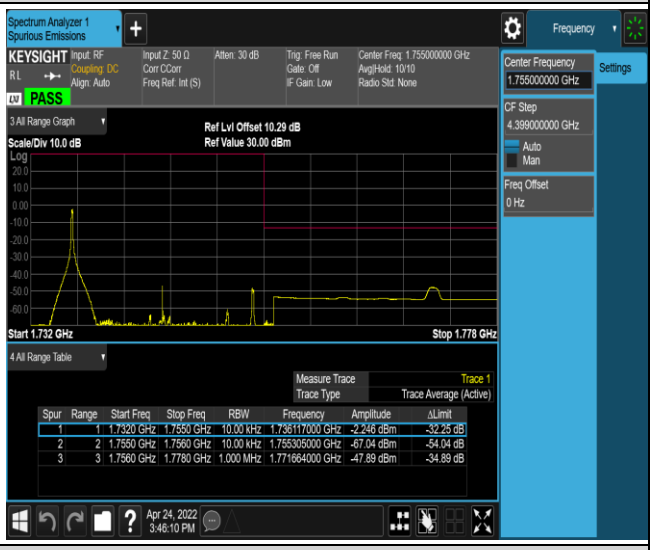
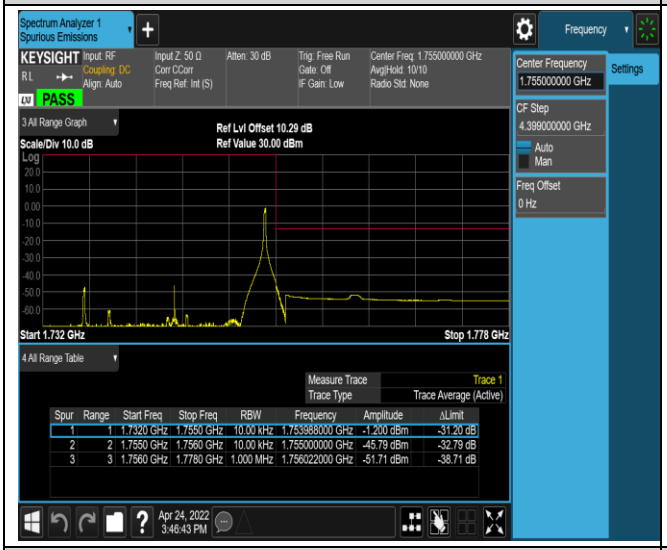
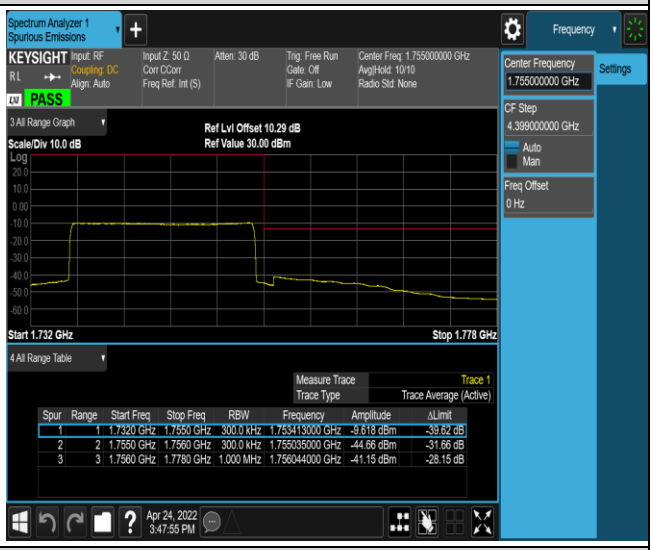


Band4-20MHz-16QAM-20300-100RB#0



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



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