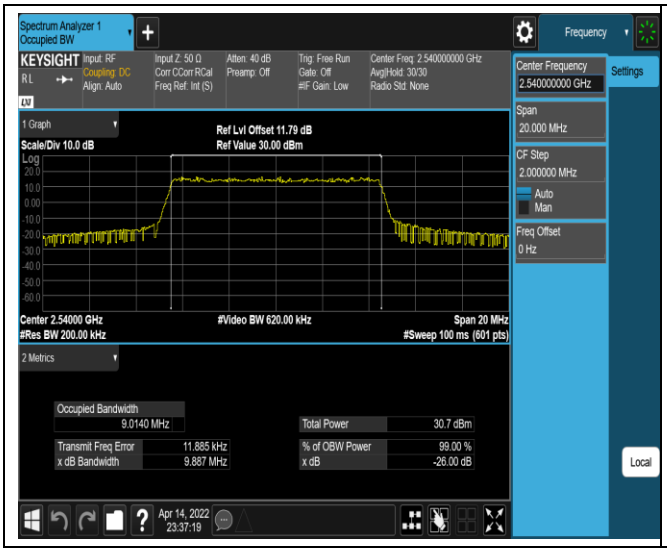
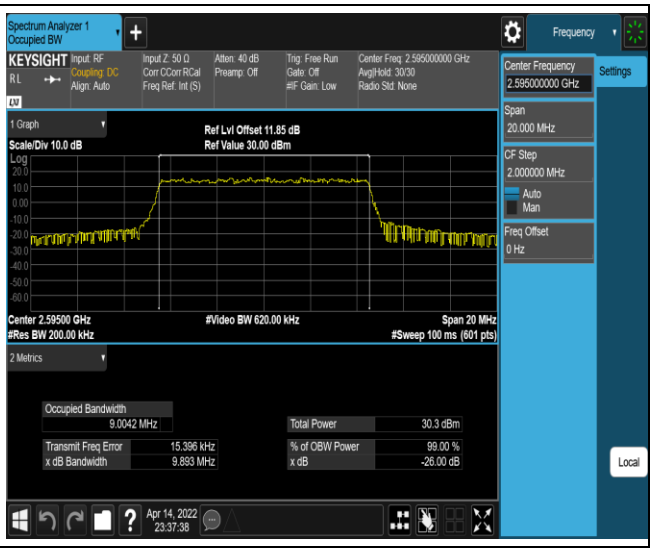


Band41-10MHz-QPSK-41190-50RB#0



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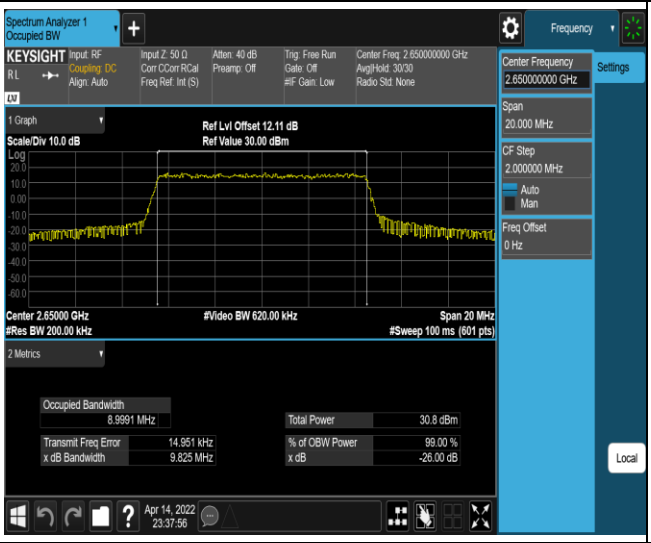

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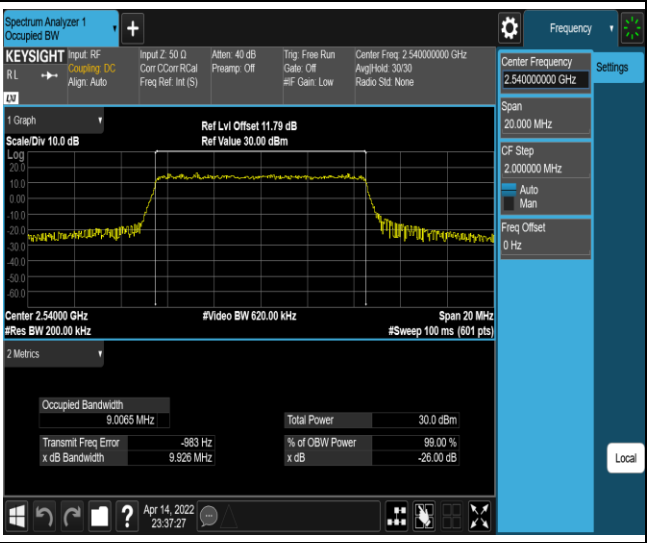

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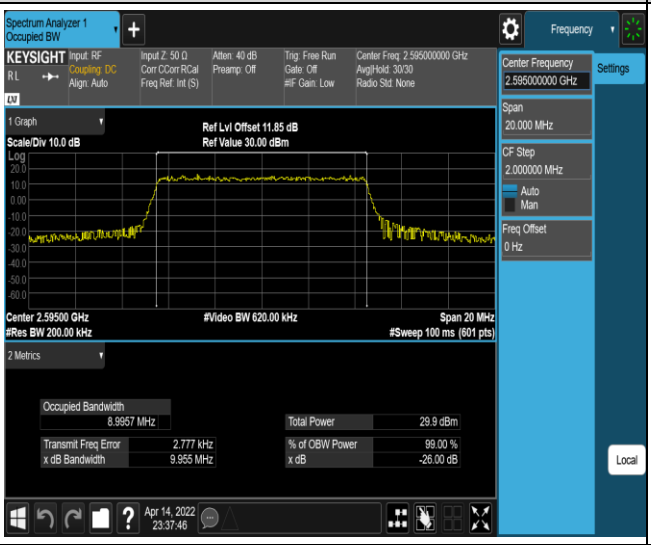

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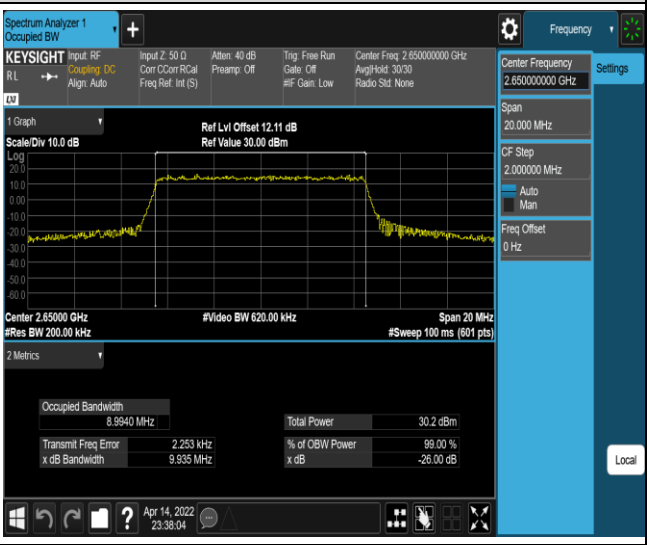

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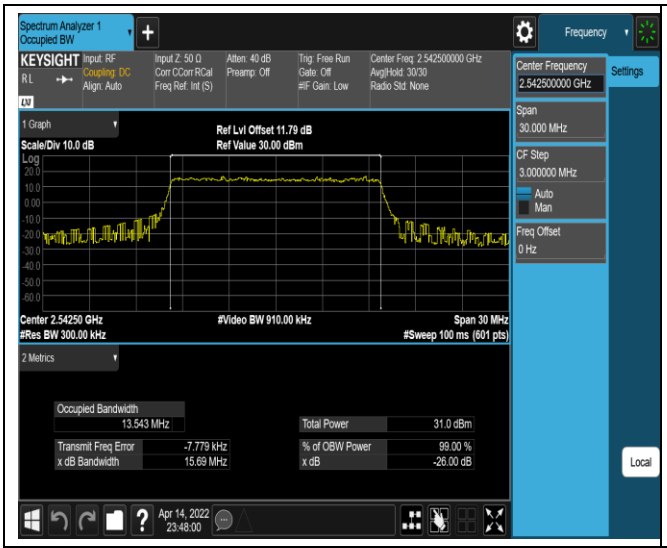

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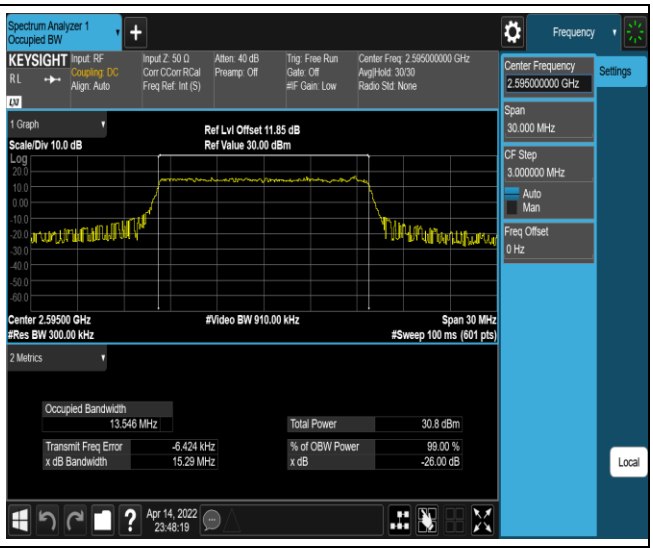

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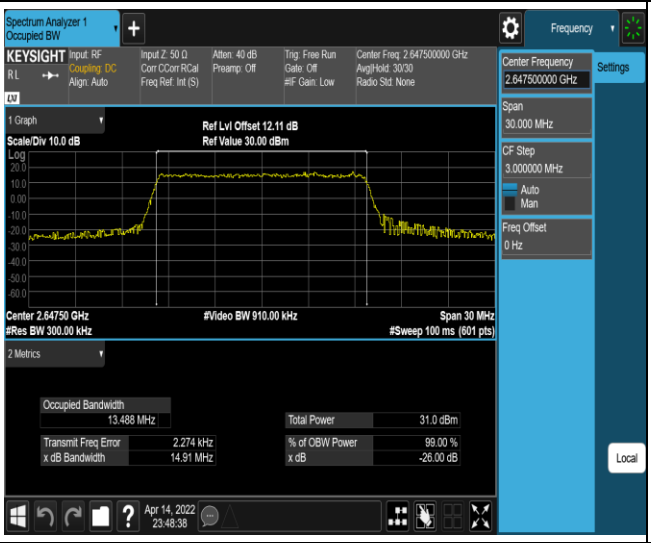

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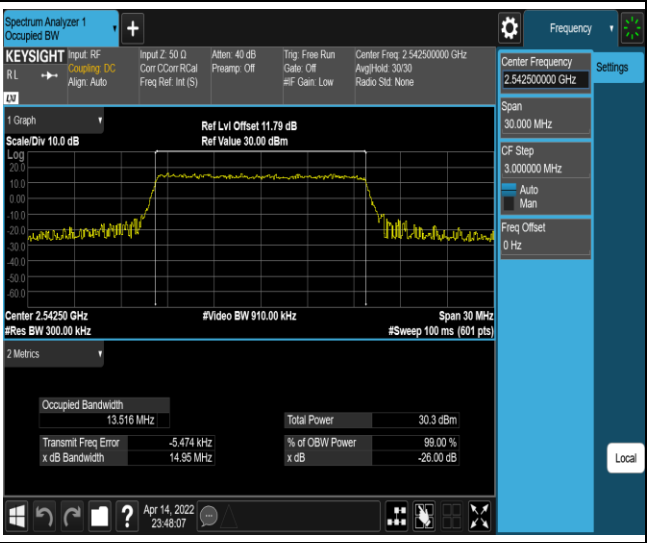

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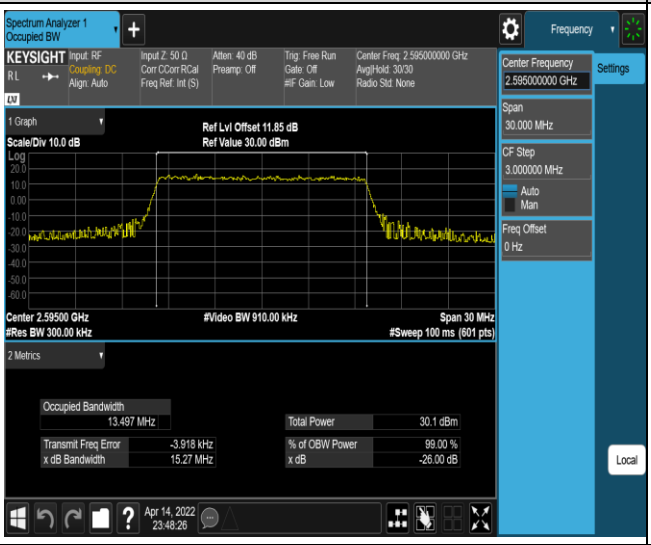

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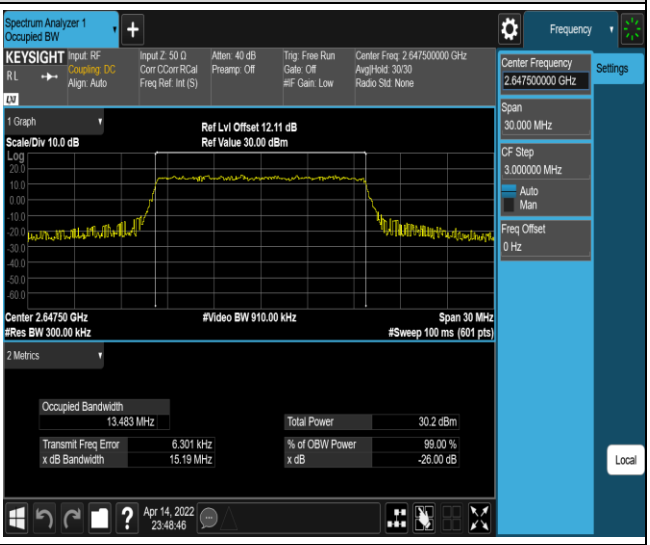

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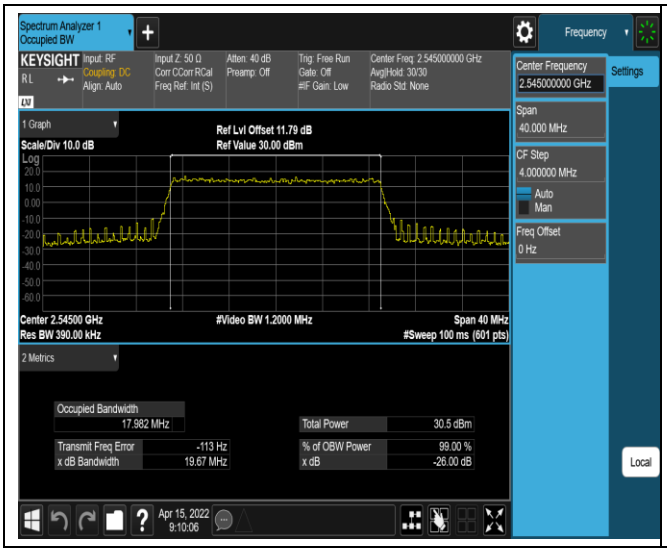

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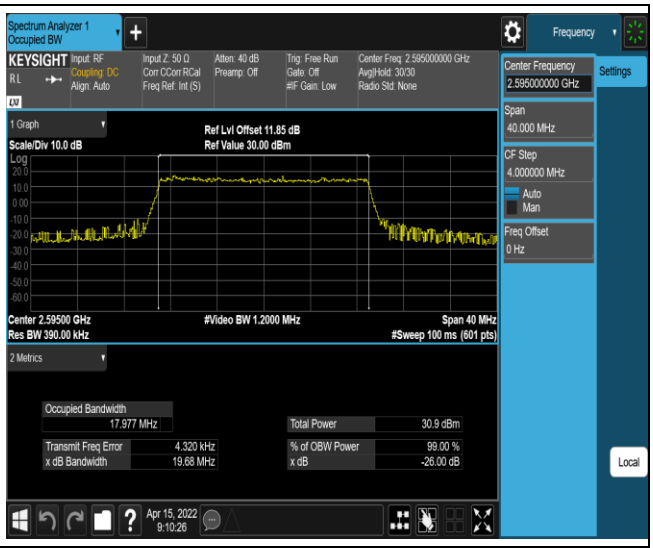

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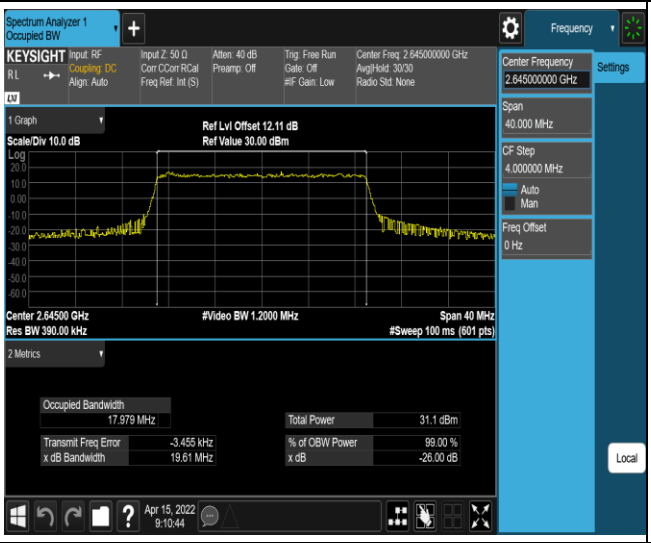

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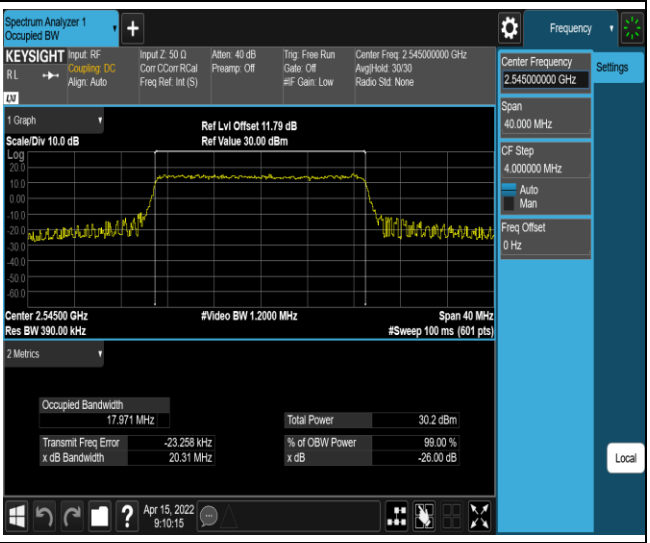

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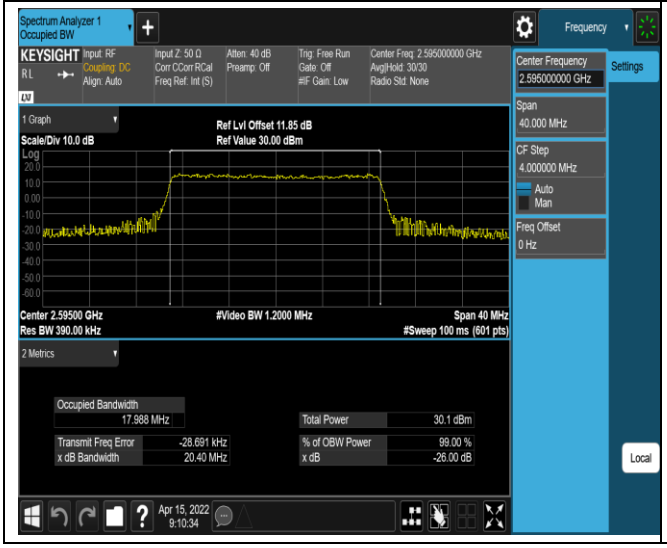
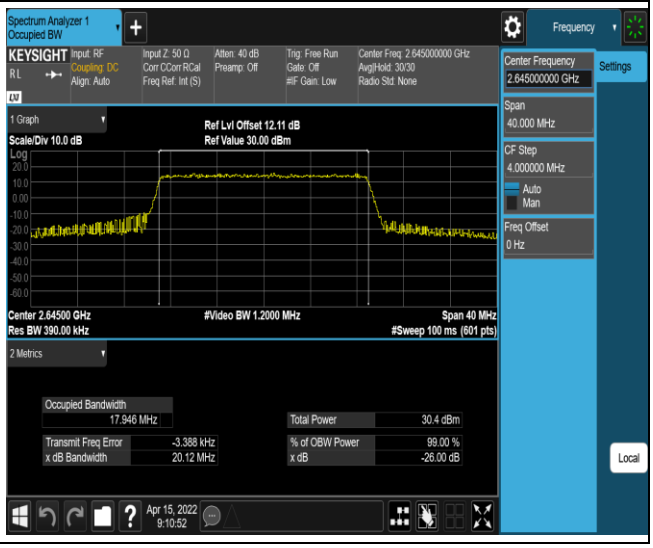




Appendix D: Band Edge

Test Result (worst case)

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	-26.38,-26.93	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	-27.95,-40.00	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	-27.90,-29.04	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	-43.75,-30.72	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	-24.06,-27.35	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-21.49,-23.40	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	-28.72,-29.45	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	-30.68,-41.12	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-29.45,-30.42	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	-44.60,-32.95	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	-23.34,-27.68	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-24.40,-25.25	PASS
Band2	20MHz	QPSK	18700	1RB#0	-42.08,-39.77	PASS
Band2	20MHz	QPSK	18700	1RB#99	-29.95,-59.65	PASS
Band2	20MHz	QPSK	18700	100RB#0	-30.02,-33.40	PASS
Band2	20MHz	QPSK	19100	1RB#0	-59.96,-49.80	PASS
Band2	20MHz	QPSK	19100	1RB#99	-36.31,-42.67	PASS
Band2	20MHz	QPSK	19100	100RB#0	-28.37,-25.23	PASS
Band2	20MHz	16QAM	18700	1RB#0	-44.37,-39.76	PASS
Band2	20MHz	16QAM	18700	1RB#99	-32.36,-60.07	PASS
Band2	20MHz	16QAM	18700	100RB#0	-32.35,-35.76	PASS
Band2	20MHz	16QAM	19100	1RB#0	-60.08,-50.89	PASS
Band2	20MHz	16QAM	19100	1RB#99	-38.38,-43.94	PASS
Band2	20MHz	16QAM	19100	100RB#0	-32.84,-30.31	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	-29.88,-27.30	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	-28.59,-40.04	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	-26.81,-31.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	-39.85,-28.55	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	-27.64,-28.67	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-31.50,-27.69	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	-31.23,-30.07	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	-30.64,-41.08	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-28.40,-31.43	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	-39.96,-29.36	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	-28.35,-28.98	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-31.83,-29.03	PASS
Band4	20MHz	QPSK	20050	1RB#0	-43.43,-40.17	PASS
Band4	20MHz	QPSK	20050	1RB#99	-34.72,-59.55	PASS

Band4	20MHz	QPSK	20050	100RB#0	-32.66,-36.06	PASS
Band4	20MHz	QPSK	20300	1RB#0	-39.57,-31.96	PASS
Band4	20MHz	QPSK	20300	1RB#99	-38.97,-43.33	PASS
Band4	20MHz	QPSK	20300	100RB#0	-36.75,-32.47	PASS
Band4	20MHz	16QAM	20050	1RB#0	-44.56,-40.29	PASS
Band4	20MHz	16QAM	20050	1RB#99	-38.39,-61.07	PASS
Band4	20MHz	16QAM	20050	100RB#0	-32.10,-35.83	PASS
Band4	20MHz	16QAM	20300	1RB#0	-40.81,-34.17	PASS
Band4	20MHz	16QAM	20300	1RB#99	-41.51,-45.13	PASS
Band4	20MHz	16QAM	20300	100RB#0	-36.13,-32.16	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	-50.82,-32.07	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	-56.07,-45.48	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	-43.20,-35.70	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	-45.35,-55.81	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	-32.64,-48.23	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-31.61,-42.74	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	-51.22,-33.15	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	-55.89,-45.34	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-43.33,-37.59	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	-45.38,-55.47	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	-33.34,-49.15	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-32.01,-42.17	PASS
Band5	10MHz	QPSK	20450	1RB#0	-56.71,-35.23	PASS
Band5	10MHz	QPSK	20450	1RB#49	-43.84,-52.13	PASS
Band5	10MHz	QPSK	20450	50RB#0	-42.50,-34.90	PASS
Band5	10MHz	QPSK	20600	1RB#0	-56.54,-41.75	PASS
Band5	10MHz	QPSK	20600	1RB#49	-34.75,-52.65	PASS
Band5	10MHz	QPSK	20600	50RB#0	-30.72,-38.13	PASS
Band5	10MHz	16QAM	20450	1RB#0	-58.07,-37.01	PASS
Band5	10MHz	16QAM	20450	1RB#49	-43.68,-52.22	PASS
Band5	10MHz	16QAM	20450	50RB#0	-44.24,-37.92	PASS
Band5	10MHz	16QAM	20600	1RB#0	-57.55,-41.44	PASS
Band5	10MHz	16QAM	20600	1RB#49	-34.89,-53.51	PASS
Band5	10MHz	16QAM	20600	50RB#0	-32.47,-39.08	PASS
Band7	5MHz	QPSK	20775	1RB#0	-49.17,-42.35,-38.04,-26.64	PASS
Band7	5MHz	QPSK	20775	1RB#24	-50.05,-45.78,-42.52,-45.24	PASS
Band7	5MHz	QPSK	20775	25RB#0	-42.19,-35.87,-32.45,-33.61	PASS
Band7	5MHz	QPSK	21425	1RB#0	-45.10,-41.58,-49.57,-49.97	PASS
Band7	5MHz	QPSK	21425	1RB#24	-26.06,-38.11,-48.50,-48.62	PASS
Band7	5MHz	QPSK	21425	25RB#0	-31.97,-29.40,-38.56,-39.77	PASS
Band7	5MHz	16QAM	20775	1RB#0	-49.56,-44.13,-39.79,-28.11	PASS
Band7	5MHz	16QAM	20775	1RB#24	-50.21,-43.01,-42.88,-47.46	PASS
Band7	5MHz	16QAM	20775	25RB#0	-43.36,-38.01,-32.23,-34.07	PASS

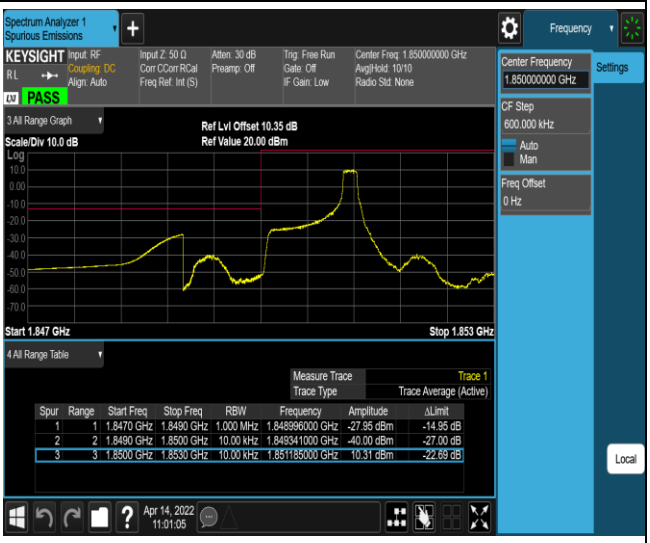
Band7	5MHz	16QAM	21425	1RB#0	-46.31,-41.96,-49.85,-50.18	PASS
Band7	5MHz	16QAM	21425	1RB#24	-28.95,-38.61,-48.79,-48.85	PASS
Band7	5MHz	16QAM	21425	25RB#0	-32.61,-29.07,-38.69,-40.64	PASS
Band7	20MHz	QPSK	20850	1RB#0	-38.22,-42.77,-38.40	PASS
Band7	20MHz	QPSK	20850	1RB#99	-39.60,-47.92,-57.01	PASS
Band7	20MHz	QPSK	20850	100RB#0	-39.24,-36.96,-34.83,-37.99	PASS
Band7	20MHz	QPSK	21350	1RB#0	-58.08,-47.93,-39.22,-51.49	PASS
Band7	20MHz	QPSK	21350	1RB#99	-37.93,-42.24,-38.09,-51.42	PASS
Band7	20MHz	QPSK	21350	100RB#0	-35.64,-32.75,-34.92,-48.26	PASS
Band7	20MHz	16QAM	20850	1RB#0	-39.37,-43.87,-39.30	PASS
Band7	20MHz	16QAM	20850	1RB#99	-40.85,-48.73,-58.61	PASS
Band7	20MHz	16QAM	20850	100RB#0	-40.06,-36.38,-34.95,-38.15	PASS
Band7	20MHz	16QAM	21350	1RB#0	-57.70,-48.28,-40.42,-51.47	PASS
Band7	20MHz	16QAM	21350	1RB#99	-38.12,-42.90,-39.10,-51.43	PASS
Band7	20MHz	16QAM	21350	100RB#0	-36.14,-33.22,-35.01,-48.22	PASS
Band41	5MHz	QPSK	40065	1RB#0	-50.02,-49.39,-36.37,-31.03	PASS
Band41	5MHz	QPSK	40065	1RB#24	-50.63,-50.39,-43.11,-47.57	PASS
Band41	5MHz	QPSK	40065	25RB#0	-44.59,-43.95,-30.89,-33.97	PASS
Band41	5MHz	QPSK	41215	1RB#0	-48.65,-43.41,-50.52,-50.63	PASS
Band41	5MHz	QPSK	41215	1RB#24	-27.57,-40.34,-49.77,-50.00	PASS
Band41	5MHz	QPSK	41215	25RB#0	-33.93,-29.58,-42.99,-44.63	PASS
Band41	5MHz	16QAM	40065	1RB#0	-50.21,-49.64,-39.82,-30.50	PASS
Band41	5MHz	16QAM	40065	1RB#24	-50.75,-50.59,-42.75,-49.29	PASS
Band41	5MHz	16QAM	40065	25RB#0	-44.79,-43.47,-30.46,-34.77	PASS
Band41	5MHz	16QAM	41215	1RB#0	-49.14,-42.94,-50.44,-50.68	PASS
Band41	5MHz	16QAM	41215	1RB#24	-29.28,-40.43,-49.98,-50.38	PASS
Band41	5MHz	16QAM	41215	25RB#0	-33.83,-29.46,-41.69,-44.39	PASS
Band41	20MHz	QPSK	40140	1RB#0	-51.55,-45.29,-46.17,-43.60	PASS
Band41	20MHz	QPSK	40140	1RB#99	-51.57,-43.69,-50.78,-61.37	PASS
Band41	20MHz	QPSK	40140	100RB#0	-50.96,-38.16,-36.11,-40.45	PASS
Band41	20MHz	QPSK	41140	1RB#0	-63.22,-50.40,-44.82,-51.73	PASS
Band41	20MHz	QPSK	41140	1RB#99	-45.00,-36.01,-45.30,-51.64	PASS
Band41	20MHz	QPSK	41140	100RB#0	-38.58,-35.15,-37.85,-49.41	PASS
Band41	20MHz	16QAM	40140	1RB#0	-51.59,-45.35,-46.89,-43.92	PASS
Band41	20MHz	16QAM	40140	1RB#99	-51.60,-44.17,-50.81,-61.71	PASS
Band41	20MHz	16QAM	40140	100RB#0	-50.85,-38.35,-35.98,-39.96	PASS
Band41	20MHz	16QAM	41140	1RB#0	-63.16,-50.26,-45.56,-51.76	PASS
Band41	20MHz	16QAM	41140	1RB#99	-43.05,-36.87,-45.42,-51.57	PASS
Band41	20MHz	16QAM	41140	100RB#0	-39.44,-34.92,-37.81,-49.42	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



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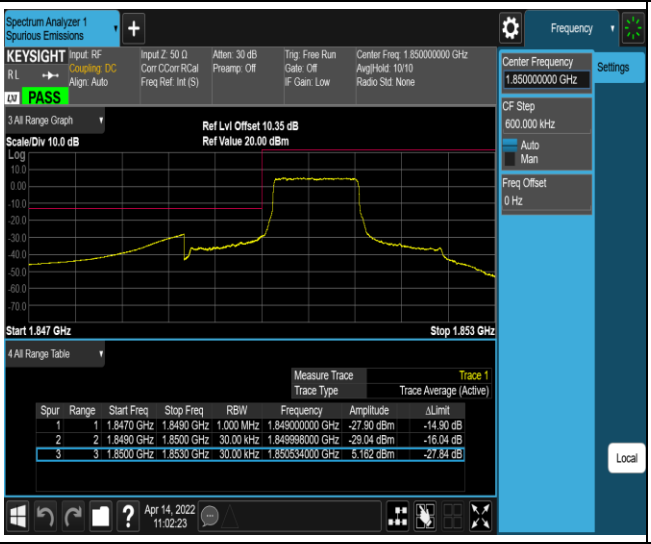
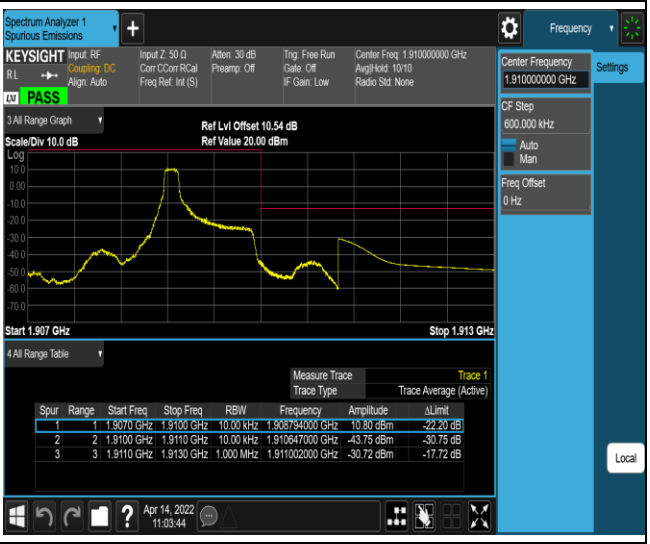


Band2-1.4MHz-QPSK-19193-1RB#0

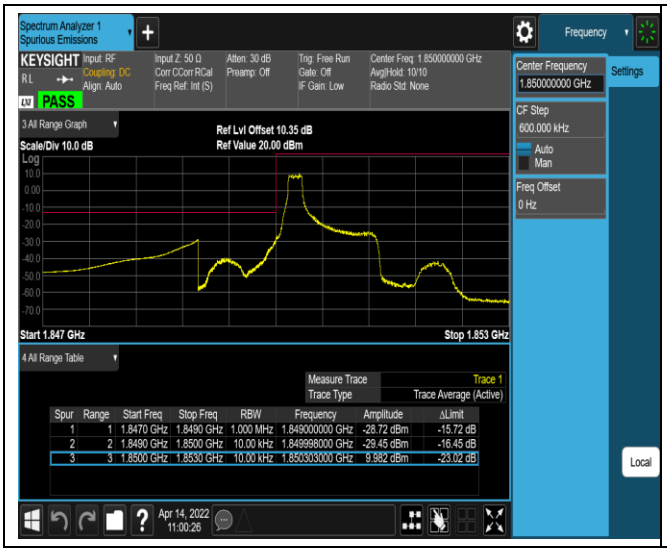


Band2-1.4MHz-QPSK-19193-1RB#5

Band2-1.4MHz-QPSK-19193-6RB#0

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

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



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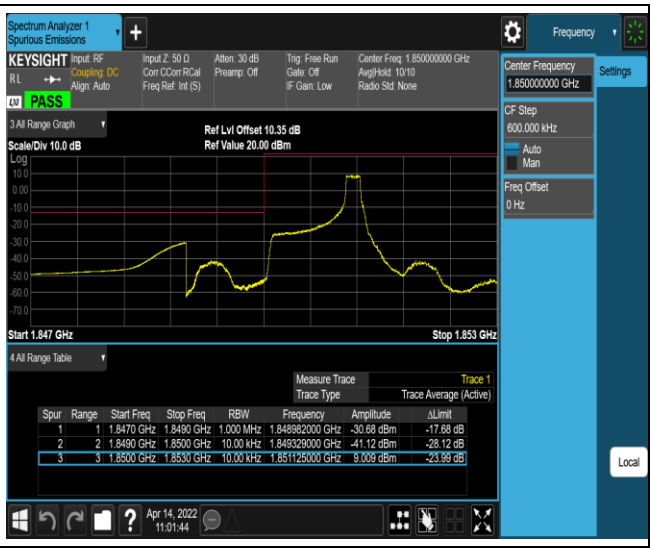

Band2-1.4MHz-16QAM-19193-1RB#0

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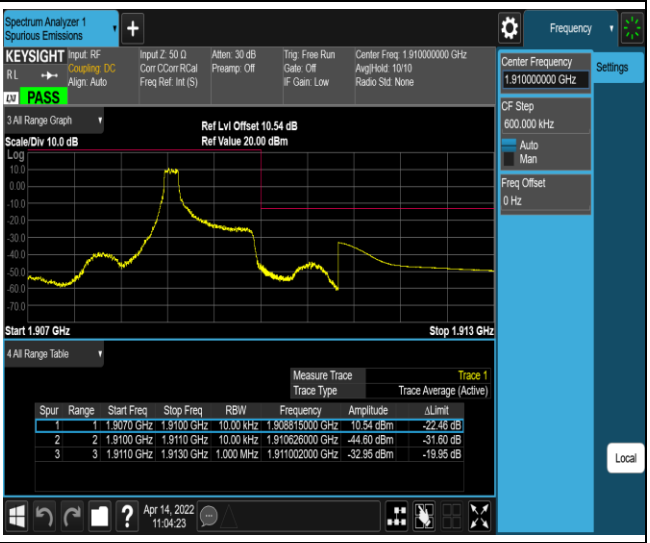
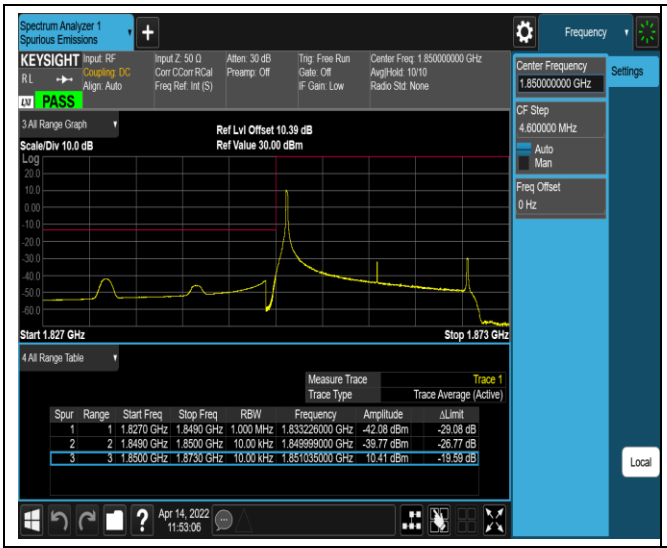


Band2-1.4MHz-16QAM-19193-6RB#0

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

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



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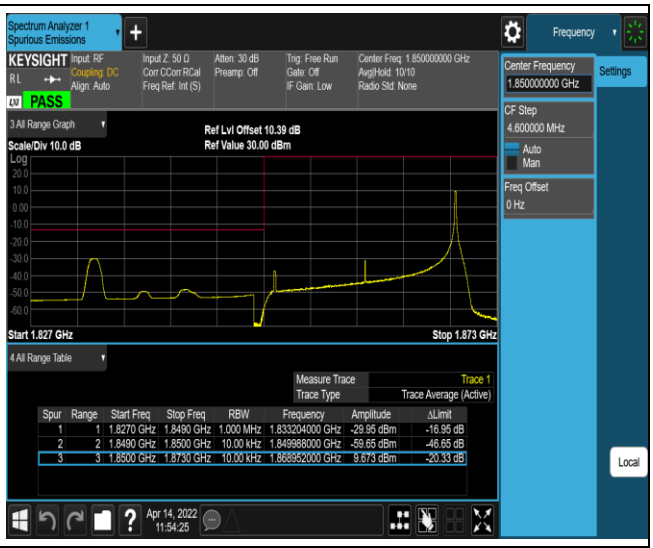

Band2-20MHz-QPSK-19100-1RB#0

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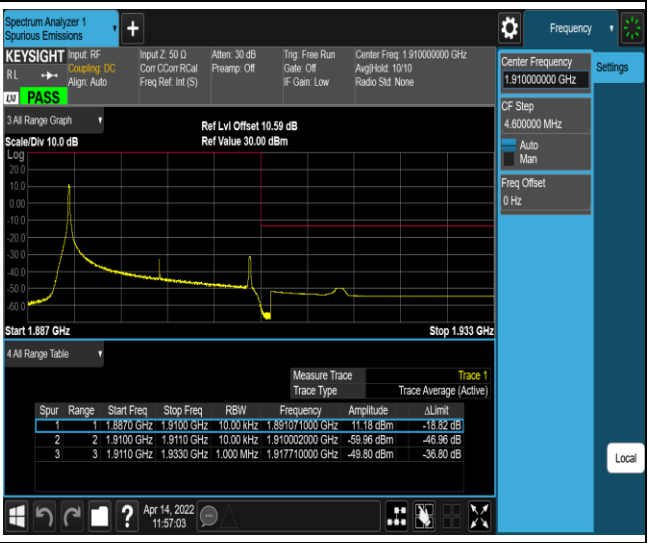

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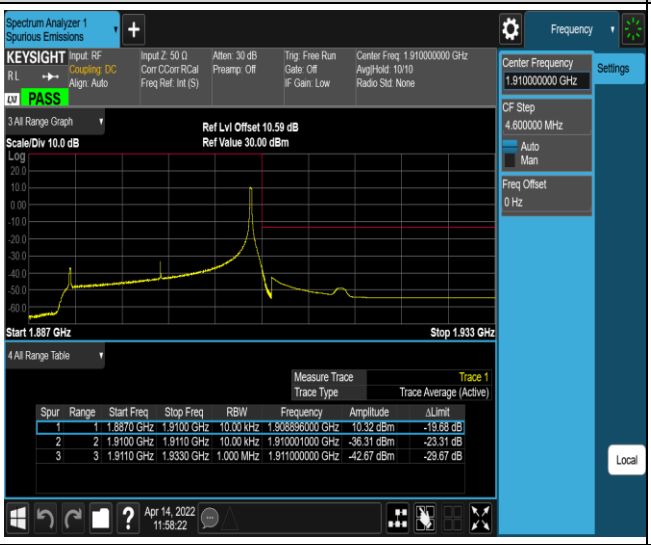
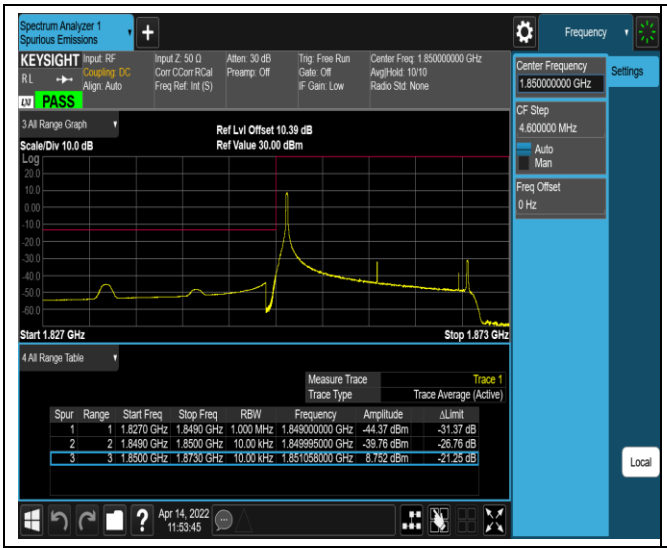


Band2-20MHz-16QAM-18700-1RB#0

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



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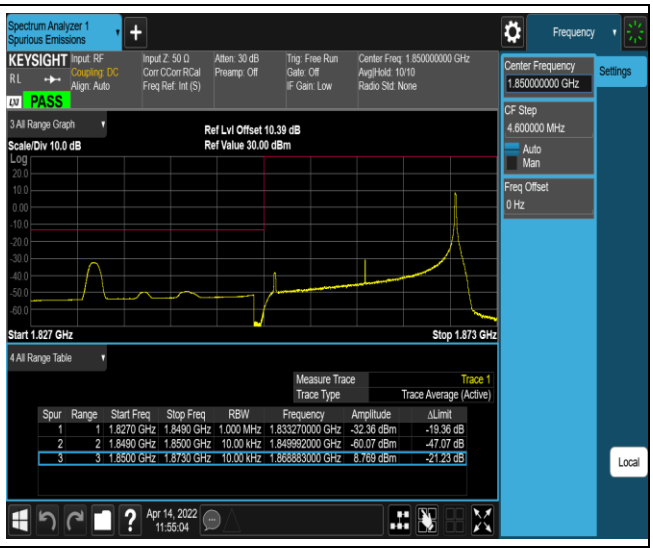

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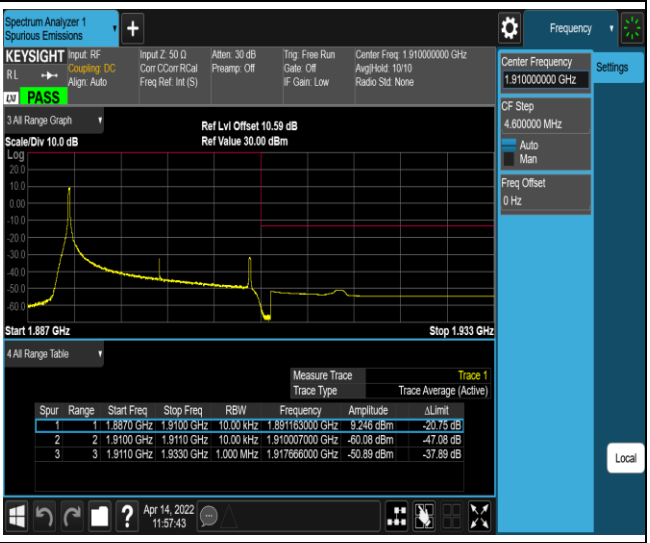

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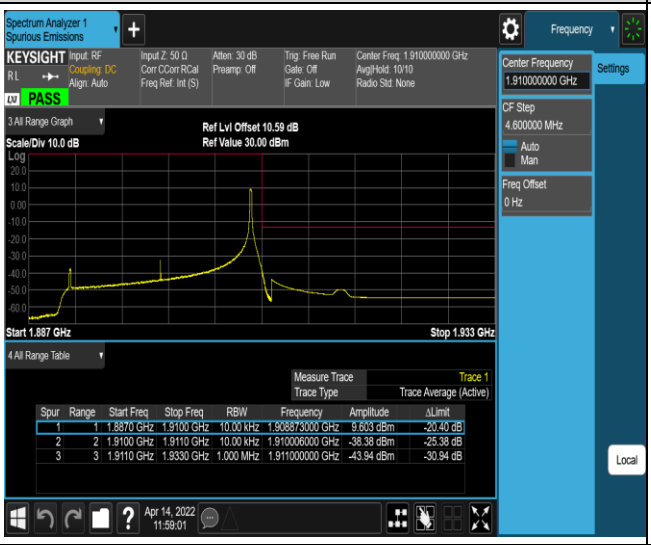
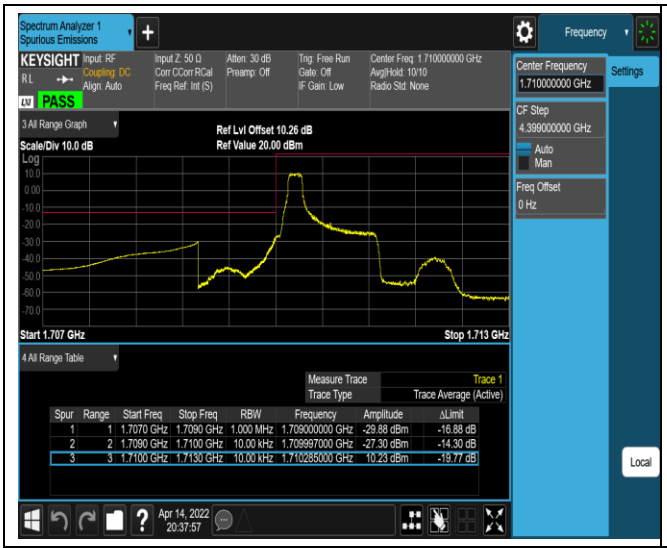


Band4-1.4MHz-QPSK-19957-1RB#0

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



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

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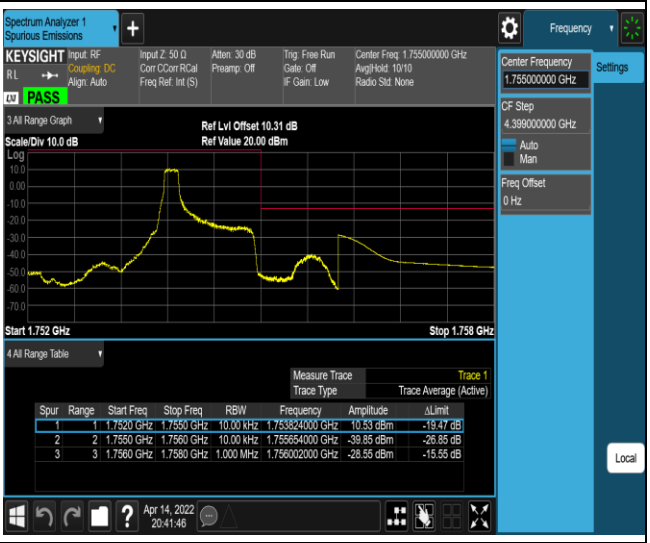
Band4-1.4MHz-QPSK-20393-1RB#5



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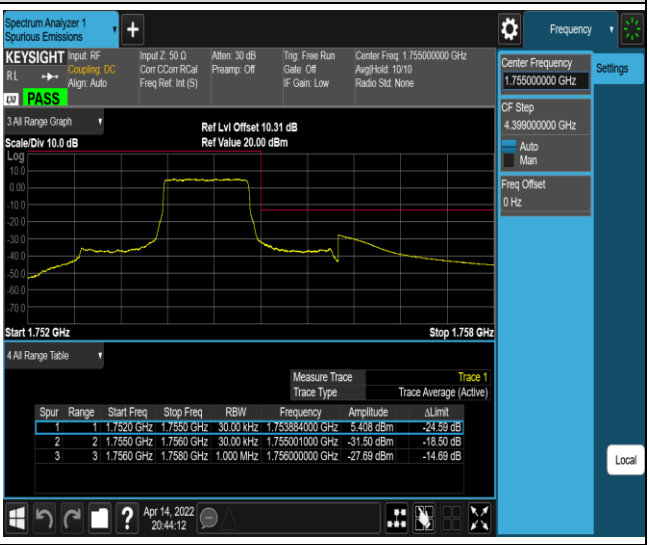

Band4-1.4MHz-16QAM-19957-1RB#5