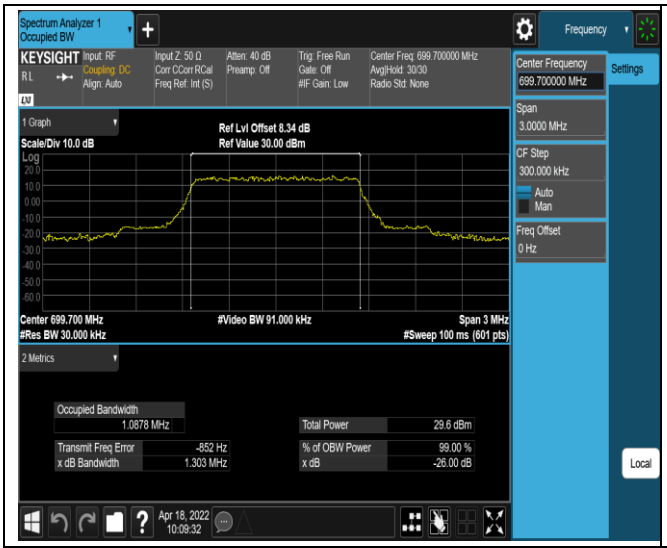
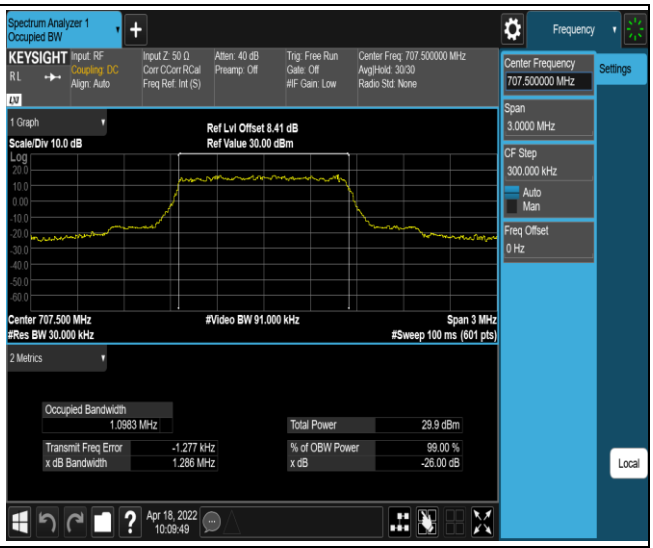


Band12-1.4MHz-QPSK-23173-6RB#0



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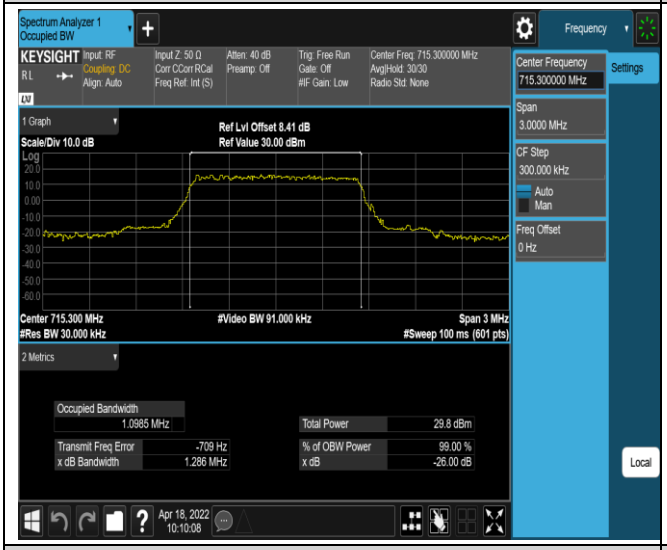

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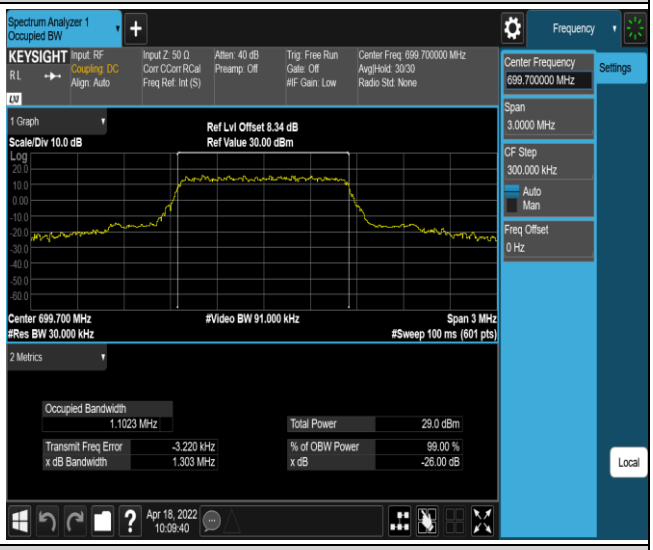

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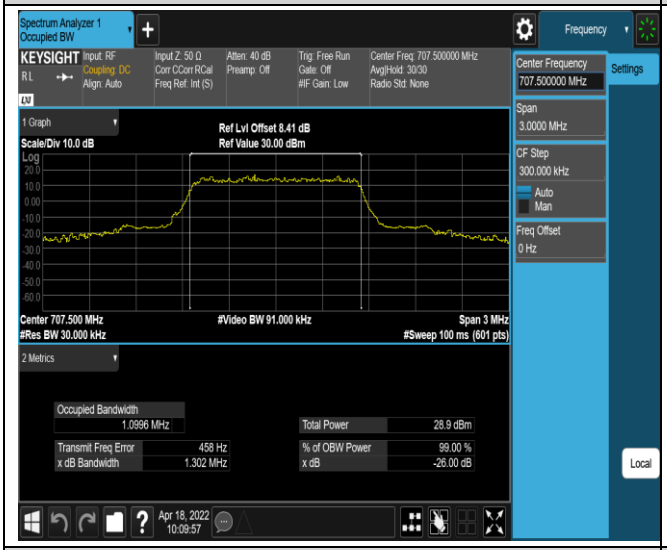
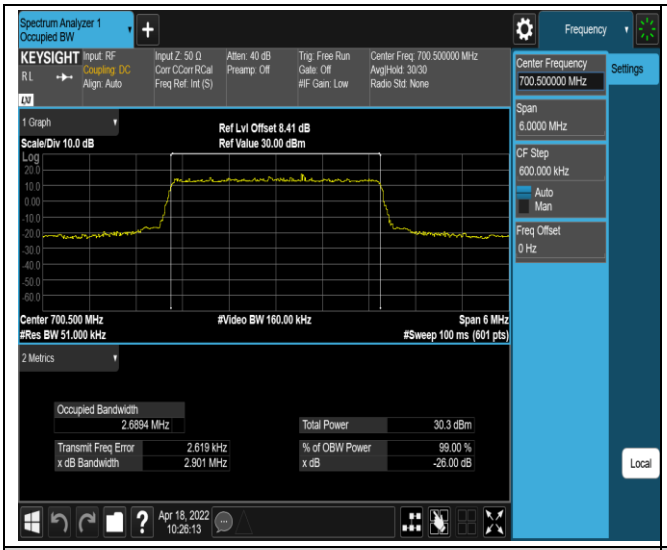


Band12-3MHz-QPSK-23025-15RB#0

Band12-3MHz-QPSK-23095-15RB#0



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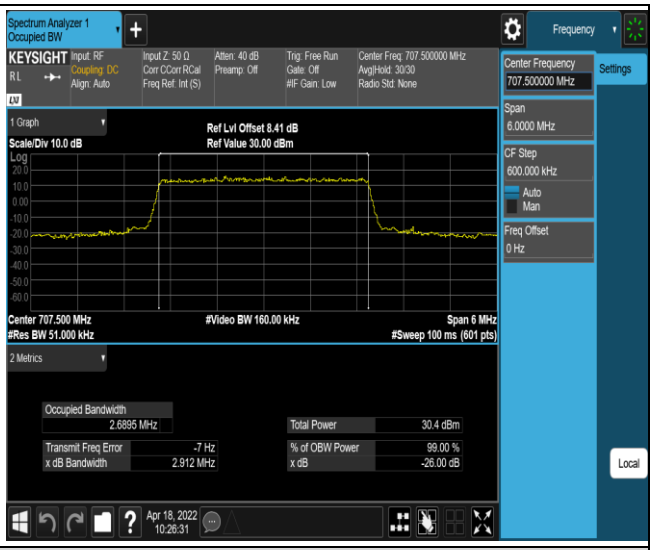

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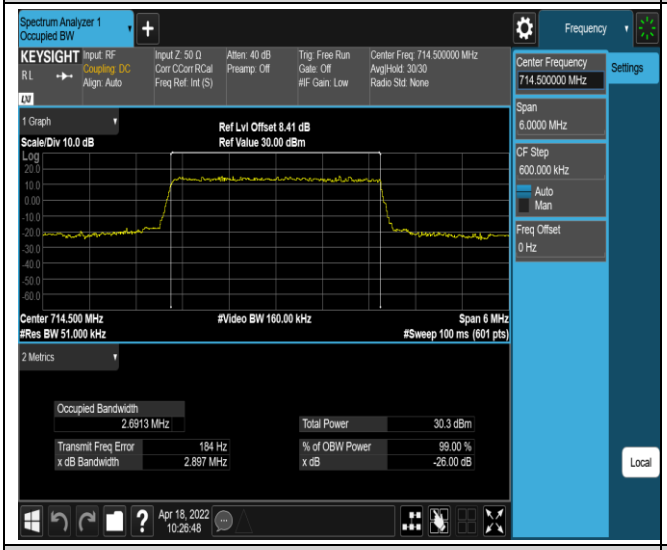

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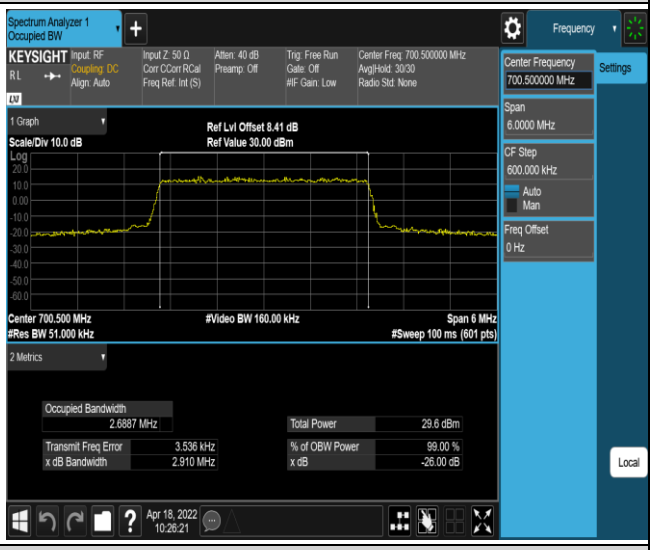

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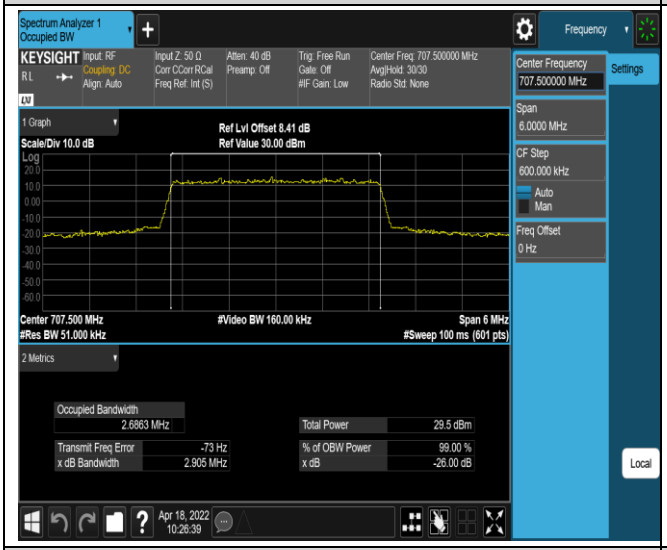

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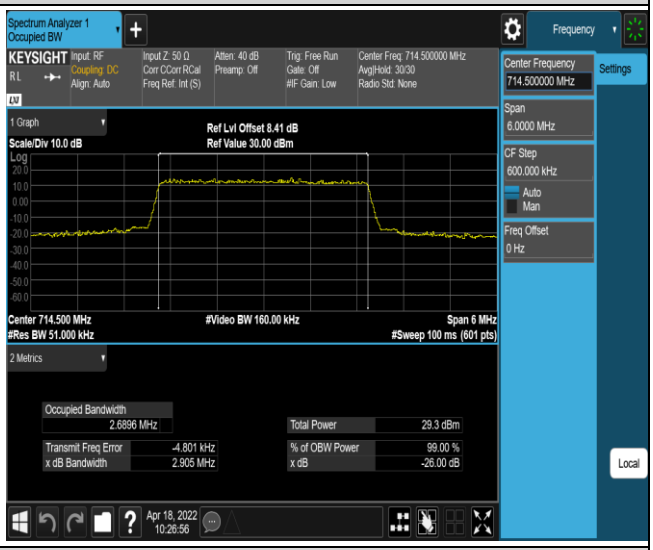

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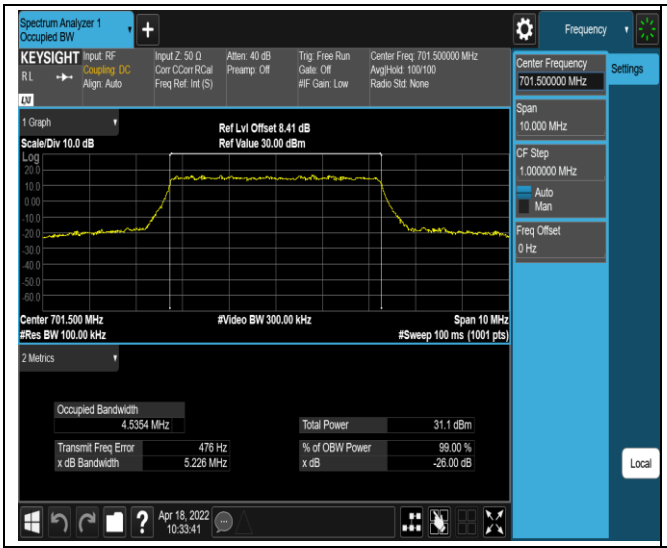

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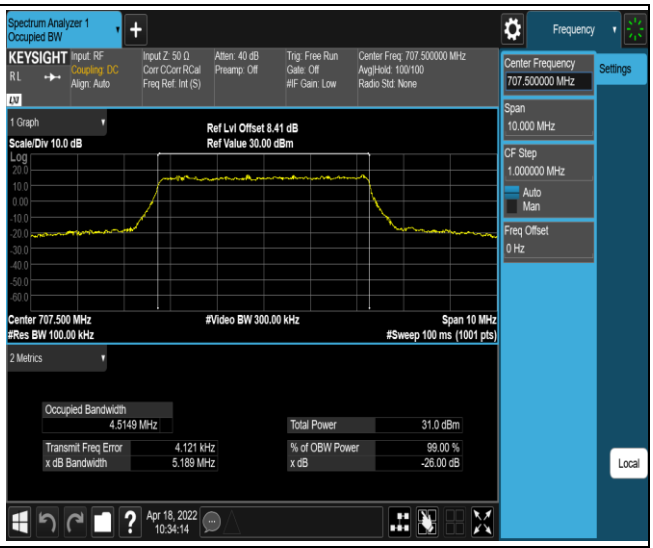

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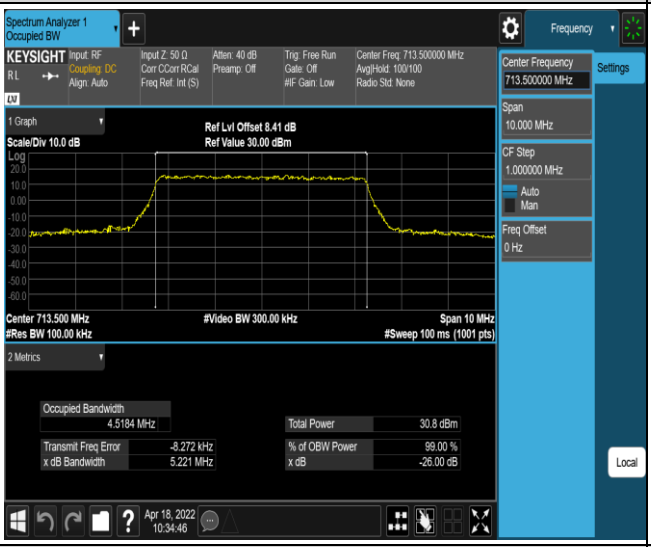

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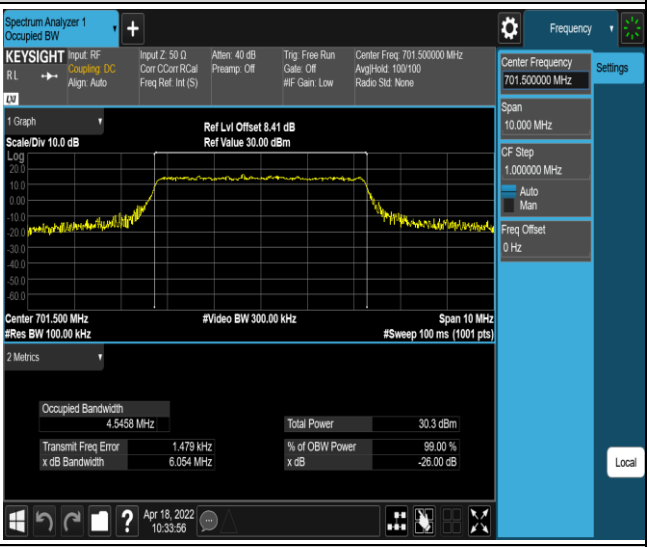

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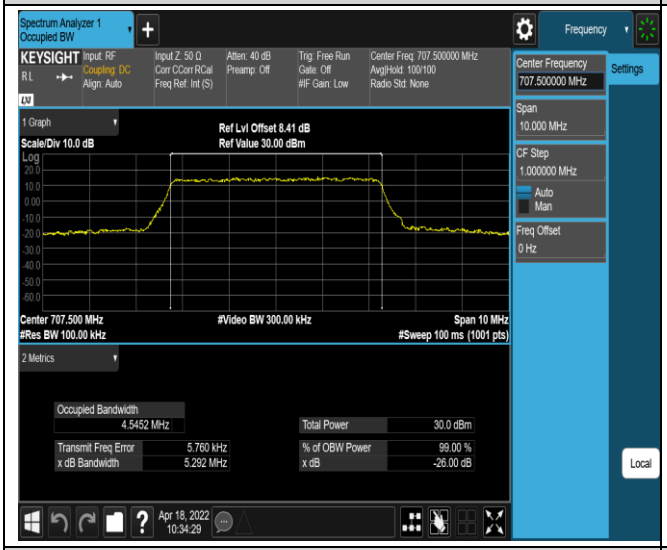
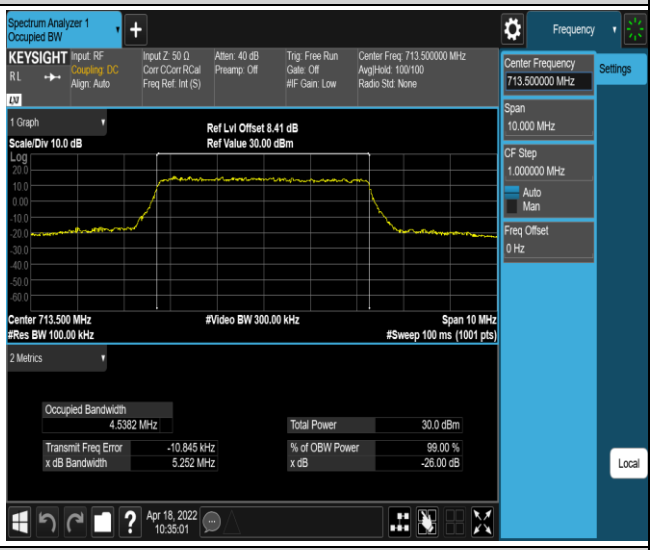


Band12-10MHz-QPSK-23060-50RB#0



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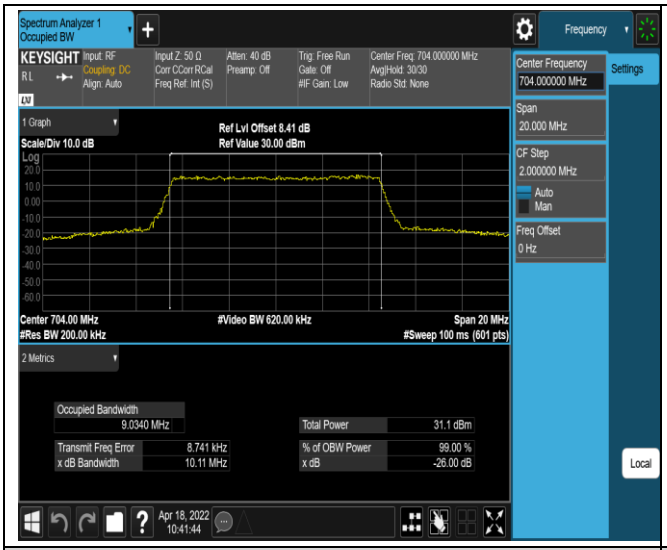
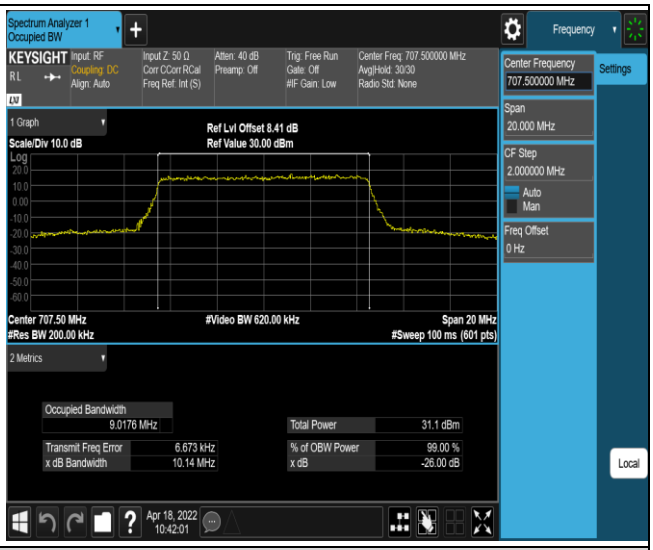
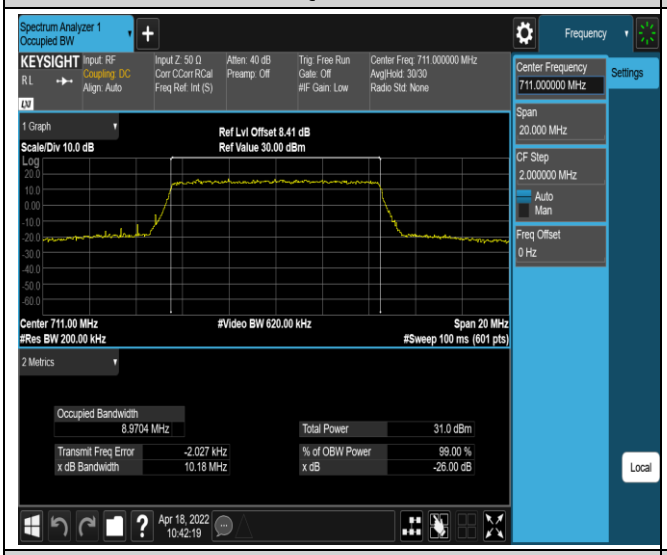


Band12-10MHz-QPSK-23130-50RB#0



Band12-10MHz-16QAM-23060-50RB#0



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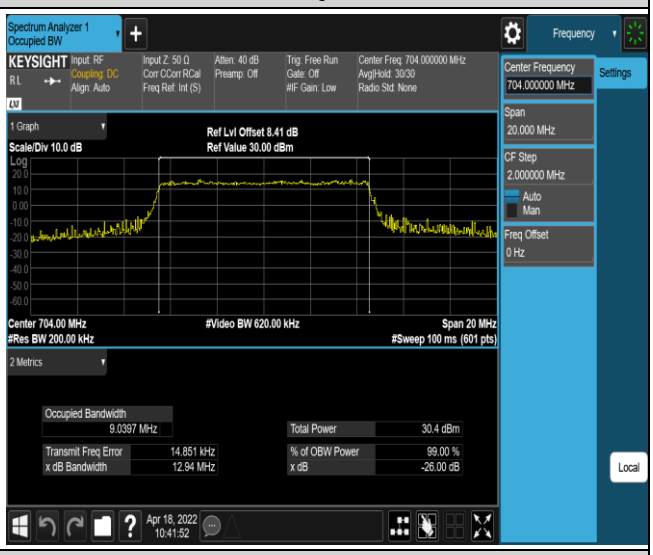

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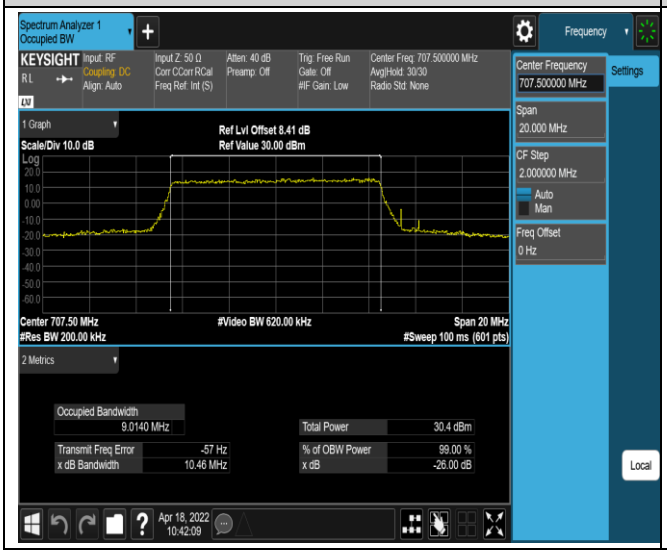
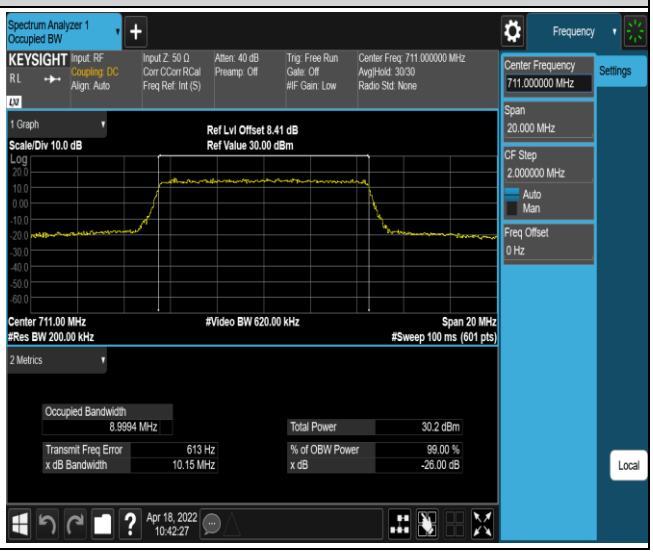




Appendix D: Band Edge

Test Result (worst case)

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	-34.55,-30.32	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	-28.95,-38.88	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	-28.21,-31.56	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	-39.67,-28.94	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	-25.70,-33.04	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-29.02,-27.05	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	-35.28,-30.46	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	-31.49,-40.88	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-28.55,-32.28	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	-41.18,-31.66	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	-28.31,-34.12	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-30.33,-26.98	PASS
Band2	20MHz	QPSK	18700	1RB#0	-44.79,-37.22	PASS
Band2	20MHz	QPSK	18700	1RB#99	-47.97,-64.82	PASS
Band2	20MHz	QPSK	18700	100RB#0	-30.20,-34.37	PASS
Band2	20MHz	QPSK	19100	1RB#0	-65.07,-49.06	PASS
Band2	20MHz	QPSK	19100	1RB#99	-73.07,-54.64	PASS
Band2	20MHz	QPSK	19100	100RB#0	-36.08,-32.62	PASS
Band2	20MHz	16QAM	18700	1RB#0	-45.02,-36.69	PASS
Band2	20MHz	16QAM	18700	1RB#99	-48.23,-65.08	PASS
Band2	20MHz	16QAM	18700	100RB#0	-30.34,-34.72	PASS
Band2	20MHz	16QAM	19100	1RB#0	-65.53,-49.07	PASS
Band2	20MHz	16QAM	19100	1RB#99	-36.68,-44.56	PASS
Band2	20MHz	16QAM	19100	100RB#0	-35.85,-32.16	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	-35.42,-31.14	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	-31.16,-41.26	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	-33.91,-36.83	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	-41.21,-31.23	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	-30.96,-35.35	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-35.58,-31.72	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	-35.91,-32.07	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	-33.46,-42.93	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-33.42,-36.77	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	-42.92,-33.52	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	-31.40,-35.92	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-35.63,-31.88	PASS
Band4	20MHz	QPSK	20050	1RB#0	-45.67,-38.05	PASS
Band4	20MHz	QPSK	20050	1RB#99	-44.51,-64.71	PASS

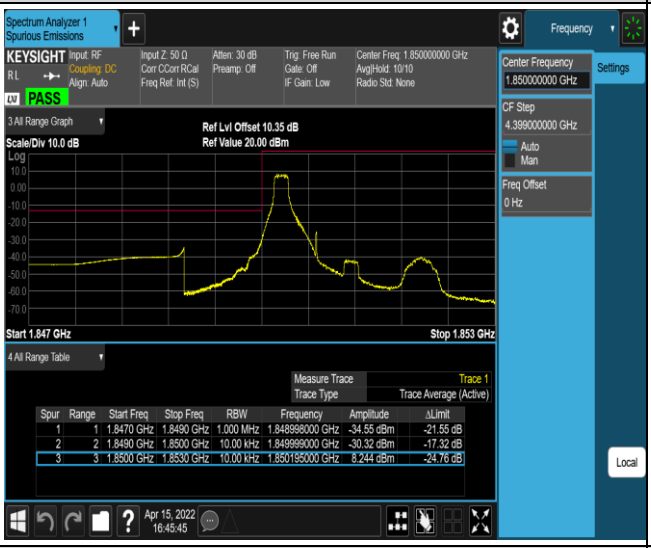
Band4	20MHz	QPSK	20050	100RB#0	-40.23,-43.20	PASS
Band4	20MHz	QPSK	20300	1RB#0	-65.24,-29.28	PASS
Band4	20MHz	QPSK	20300	1RB#99	-37.33,-42.58	PASS
Band4	20MHz	QPSK	20300	100RB#0	-43.06,-39.45	PASS
Band4	20MHz	16QAM	20050	1RB#0	-45.82,-37.58	PASS
Band4	20MHz	16QAM	20050	1RB#99	-45.18,-65.14	PASS
Band4	20MHz	16QAM	20050	100RB#0	-39.19,-42.51	PASS
Band4	20MHz	16QAM	20300	1RB#0	-65.00,-32.28	PASS
Band4	20MHz	16QAM	20300	1RB#99	-37.53,-43.95	PASS
Band4	20MHz	16QAM	20300	100RB#0	-41.98,-38.35	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	-60.92,-44.24	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	-64.75,-52.30	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	-60.22,-52.03	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	-48.63,-63.98	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	-46.15,-58.87	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-51.35,-59.42	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	-63.10,-46.41	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	-64.78,-53.50	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-61.43,-52.25	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	-50.27,-64.36	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	-47.45,-60.59	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-52.70,-59.33	PASS
Band5	10MHz	QPSK	20450	1RB#0	-65.10,-46.40	PASS
Band5	10MHz	QPSK	20450	1RB#49	-48.09,-68.30	PASS
Band5	10MHz	QPSK	20450	50RB#0	-59.98,-52.90	PASS
Band5	10MHz	QPSK	20600	1RB#0	-70.36,-58.16	PASS
Band5	10MHz	QPSK	20600	1RB#49	-43.95,-65.07	PASS
Band5	10MHz	QPSK	20600	50RB#0	-54.40,-60.93	PASS
Band5	10MHz	16QAM	20450	1RB#0	-65.26,-46.01	PASS
Band5	10MHz	16QAM	20450	1RB#49	-48.49,-69.98	PASS
Band5	10MHz	16QAM	20450	50RB#0	-59.97,-53.19	PASS
Band5	10MHz	16QAM	20600	1RB#0	-69.85,-59.41	PASS
Band5	10MHz	16QAM	20600	1RB#49	-44.69,-65.05	PASS
Band5	10MHz	16QAM	20600	50RB#0	-54.75,-61.28	PASS
Band7	5MHz	QPSK	20775	1RB#0	-50.08,-42.79,-40.18,-23.66	PASS
Band7	5MHz	QPSK	20775	1RB#24	-50.47,-31.43,-31.39,-56.52	PASS
Band7	5MHz	QPSK	20775	25RB#0	-42.91,-36.25,-27.33,-31.35	PASS
Band7	5MHz	QPSK	21425	1RB#0	-55.62,-31.54,-47.20,-50.63	PASS
Band7	5MHz	QPSK	21425	1RB#24	-23.01,-39.72,-48.91,-49.98	PASS
Band7	5MHz	QPSK	21425	25RB#0	-30.23,-25.29,-37.86,-38.33	PASS
Band7	5MHz	16QAM	20775	1RB#0	-50.24,-43.40,-40.39,-23.40	PASS
Band7	5MHz	16QAM	20775	1RB#24	-50.44,-33.14,-33.24,-57.66	PASS
Band7	5MHz	16QAM	20775	25RB#0	-44.97,-39.14,-28.37,-33.24	PASS

Band7	5MHz	16QAM	21425	1RB#0	-56.24,-32.88,-47.76,-50.60	PASS
Band7	5MHz	16QAM	21425	1RB#24	-24.00,-40.35,-48.96,-50.36	PASS
Band7	5MHz	16QAM	21425	25RB#0	-30.52,-24.96,-37.57,-40.06	PASS
Band7	20MHz	QPSK	20850	1RB#0	-48.07,-44.46,-35.90	PASS
Band7	20MHz	QPSK	20850	1RB#99	-49.29,-48.61,-63.67	PASS
Band7	20MHz	QPSK	20850	100RB#0	-34.86,-31.99,-30.08,-33.24	PASS
Band7	20MHz	QPSK	21350	1RB#0	-61.59,-47.90,-36.54,-51.45	PASS
Band7	20MHz	QPSK	21350	1RB#99	-34.82,-44.24,-48.76,-51.37	PASS
Band7	20MHz	QPSK	21350	100RB#0	-32.76,-29.41,-32.02,-47.41	PASS
Band7	20MHz	16QAM	20850	1RB#0	-48.11,-44.80,-34.80	PASS
Band7	20MHz	16QAM	20850	1RB#99	-49.28,-48.50,-62.85	PASS
Band7	20MHz	16QAM	20850	100RB#0	-36.62,-33.42,-31.21,-35.04	PASS
Band7	20MHz	16QAM	21350	1RB#0	-62.19,-48.00,-39.34,-51.47	PASS
Band7	20MHz	16QAM	21350	1RB#99	-35.70,-44.51,-48.78,-51.39	PASS
Band7	20MHz	16QAM	21350	100RB#0	-33.34,-29.81,-32.09,-47.03	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	-31.23,-22.00	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	-27.01,-45.64	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	-24.53,-27.20	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	-46.52,-29.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	-21.56,-30.86	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-28.94,-26.02	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	-32.00,-24.52	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	-28.61,-46.76	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-23.84,-27.00	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	-47.22,-30.73	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	-24.79,-32.35	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-28.20,-24.78	PASS
Band12	10MHz	QPSK	23060	1RB#0	-39.48,-30.17	PASS
Band12	10MHz	QPSK	23060	1RB#49	-30.02,-56.97	PASS
Band12	10MHz	QPSK	23060	50RB#0	-32.38,-35.90	PASS
Band12	10MHz	QPSK	23130	1RB#0	-56.19,-47.70	PASS
Band12	10MHz	QPSK	23130	1RB#49	-29.23,-39.33	PASS
Band12	10MHz	QPSK	23130	50RB#0	-36.65,-33.44	PASS
Band12	10MHz	16QAM	23060	1RB#0	-40.98,-30.89	PASS
Band12	10MHz	16QAM	23060	1RB#49	-31.14,-56.95	PASS
Band12	10MHz	16QAM	23060	50RB#0	-32.09,-35.76	PASS
Band12	10MHz	16QAM	23130	1RB#0	-56.45,-48.03	PASS
Band12	10MHz	16QAM	23130	1RB#49	-29.90,-40.28	PASS
Band12	10MHz	16QAM	23130	50RB#0	-36.01,-32.72	PASS

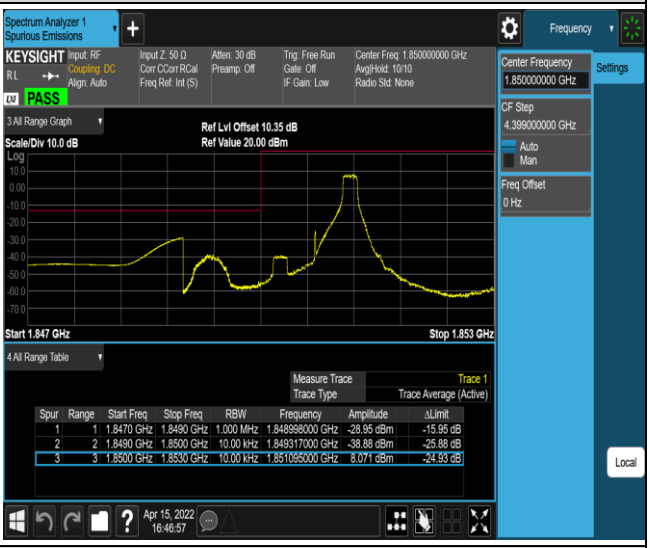
Remark: All bandwidth and all modulation had been tested, but only the worst case data displayed in this report.

Test Graphs

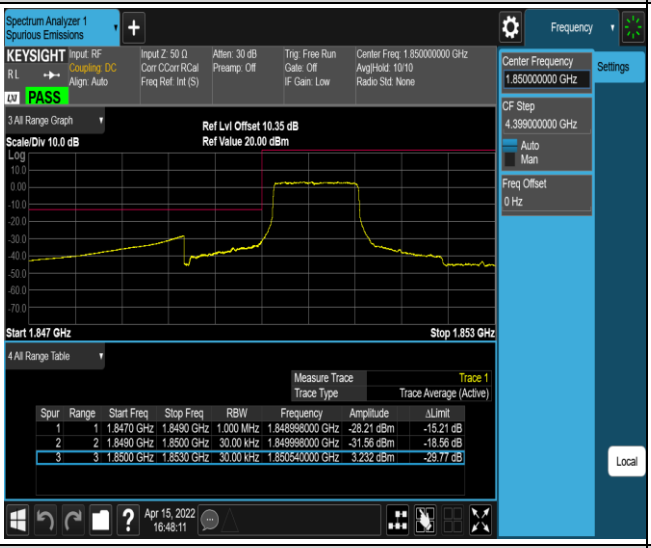
Band2-1.4MHz-QPSK-18607-1RB#0



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

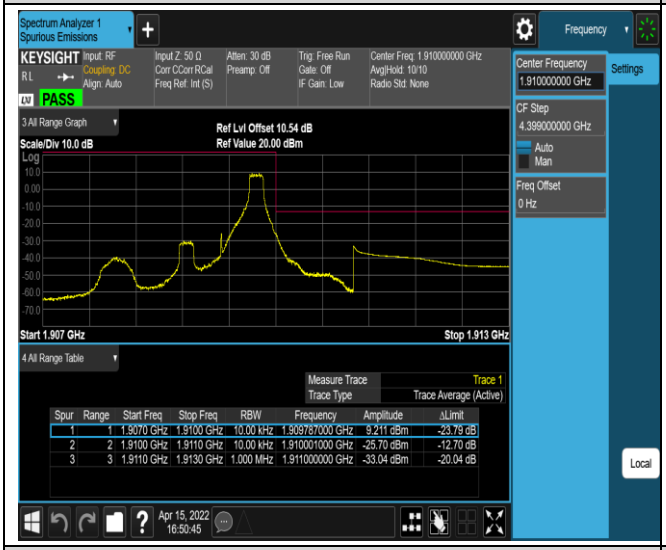


Band2-1.4MHz-QPSK-18607-6RB#0



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

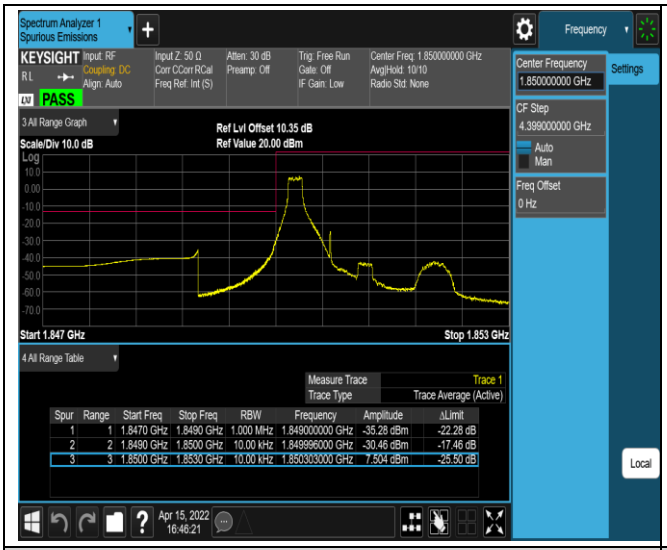
Band2-1.4MHz-QPSK-19193-1RB#5



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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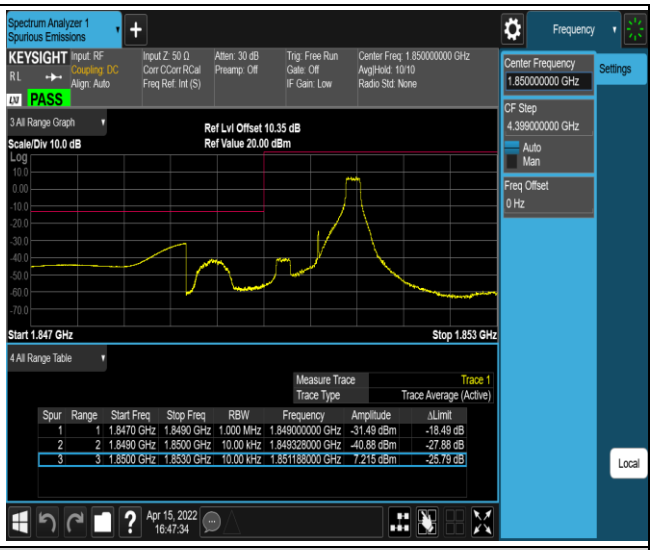

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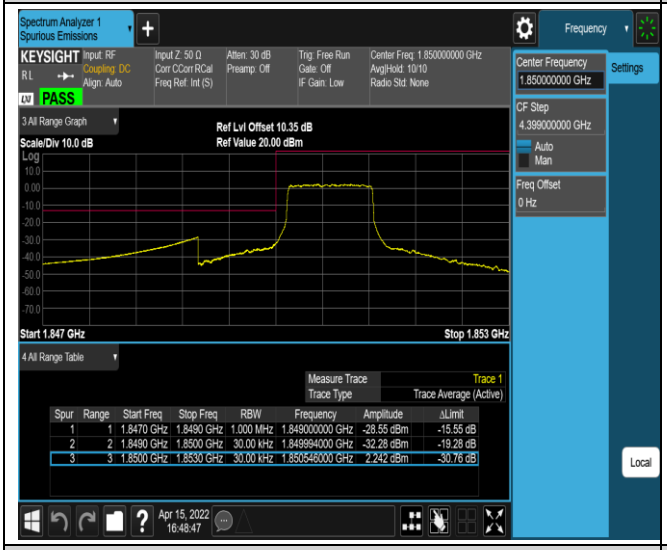

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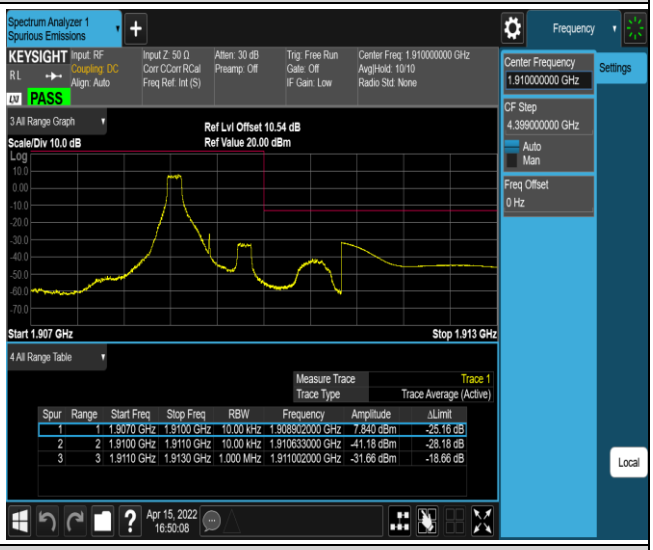
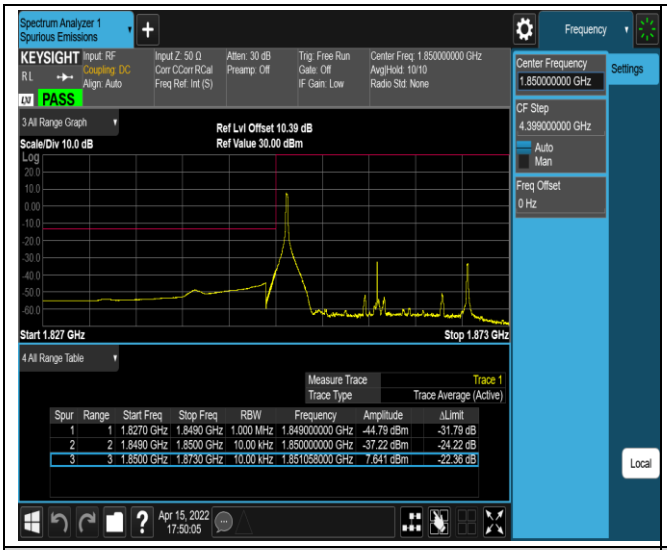


Band2-1.4MHz-16QAM-19193-6RB#0

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

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



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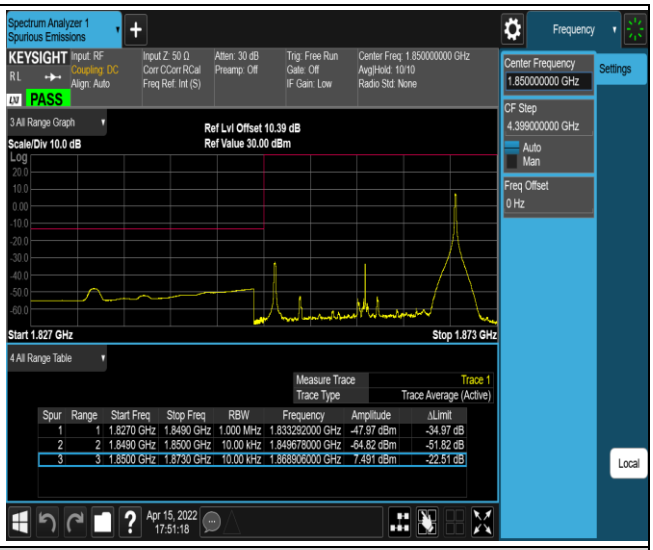

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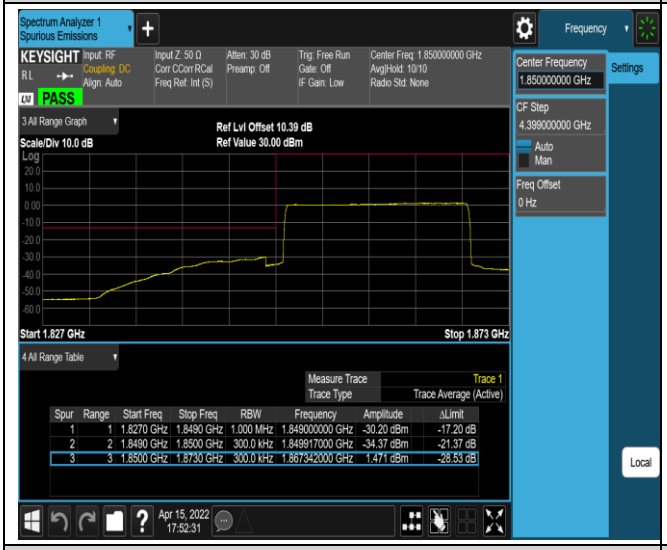

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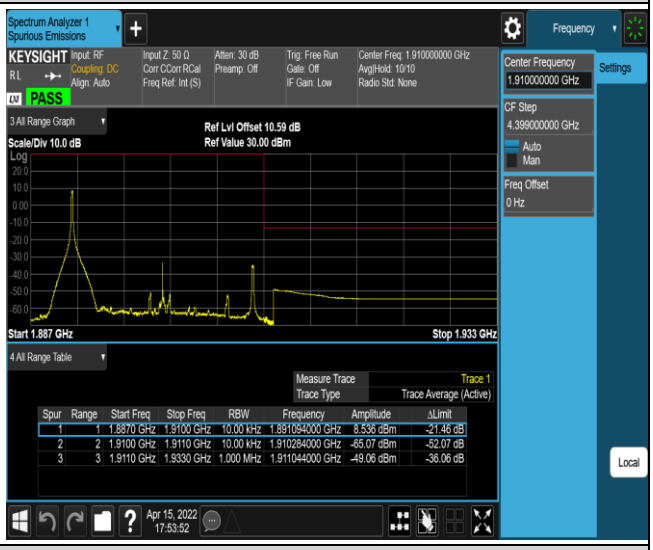

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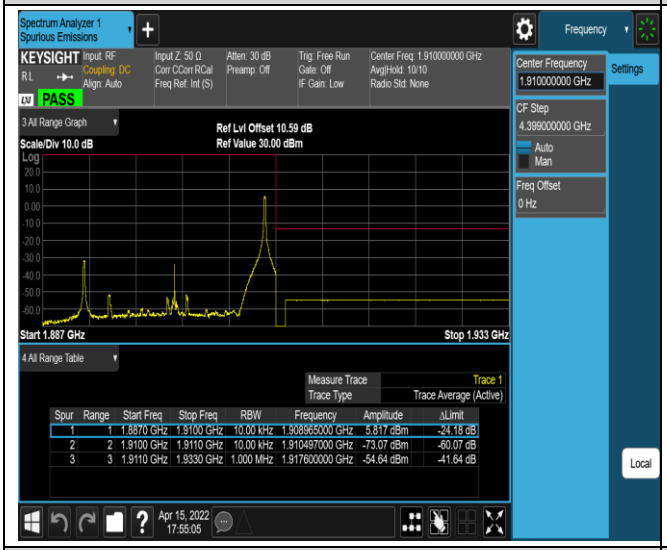

Band2-20MHz-16QAM-18700-1RB#0

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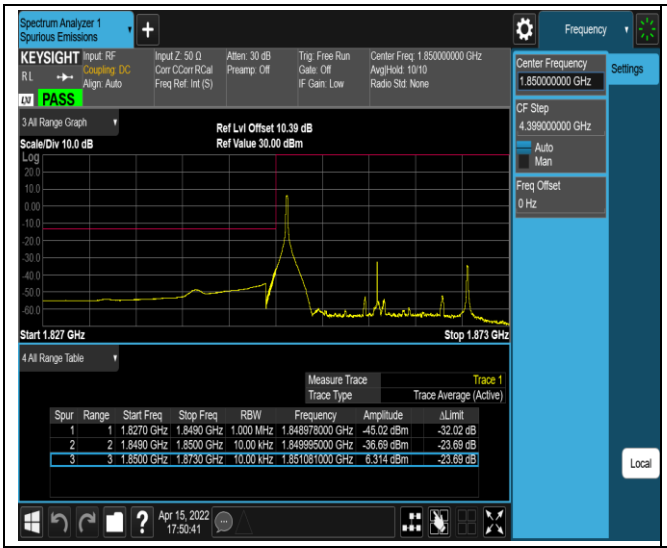

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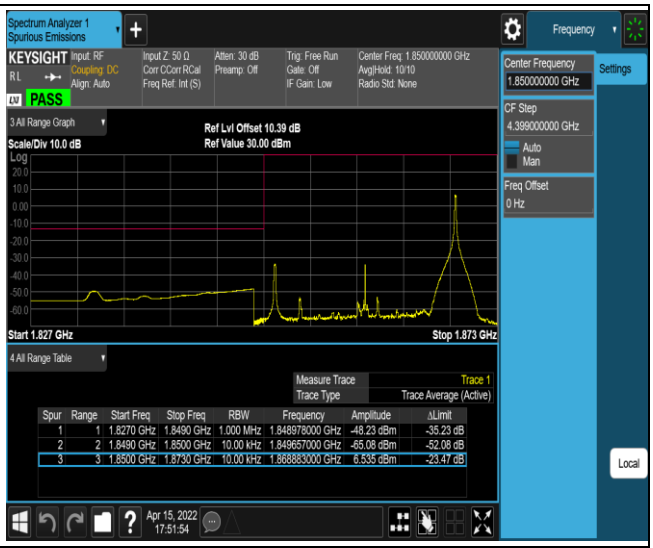
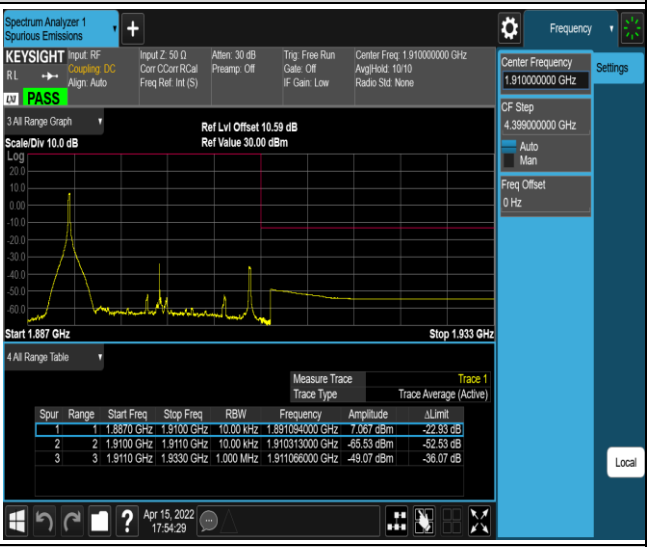


Band2-20MHz-16QAM-19100-1RB#0

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



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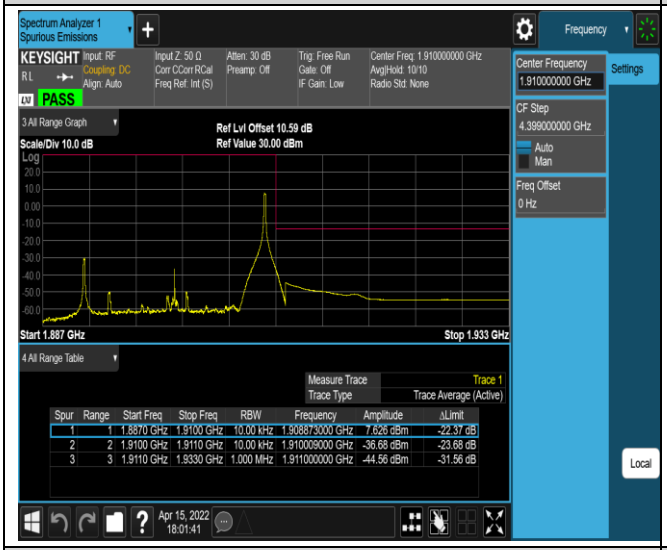

Band4-1.4MHz-QPSK-19957-1RB#0

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