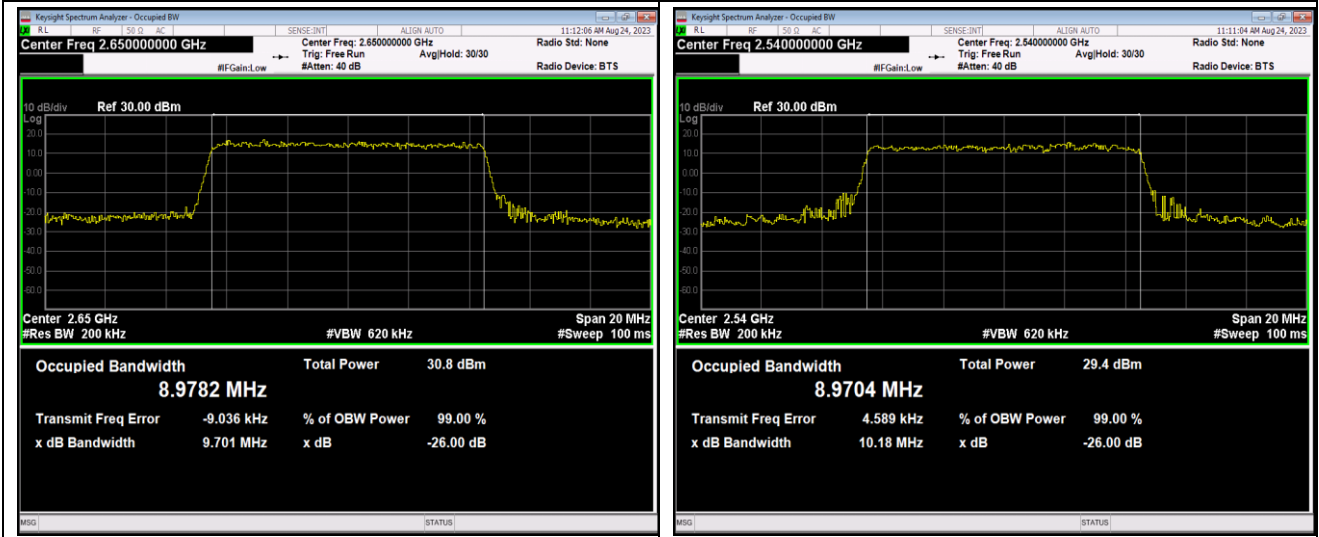




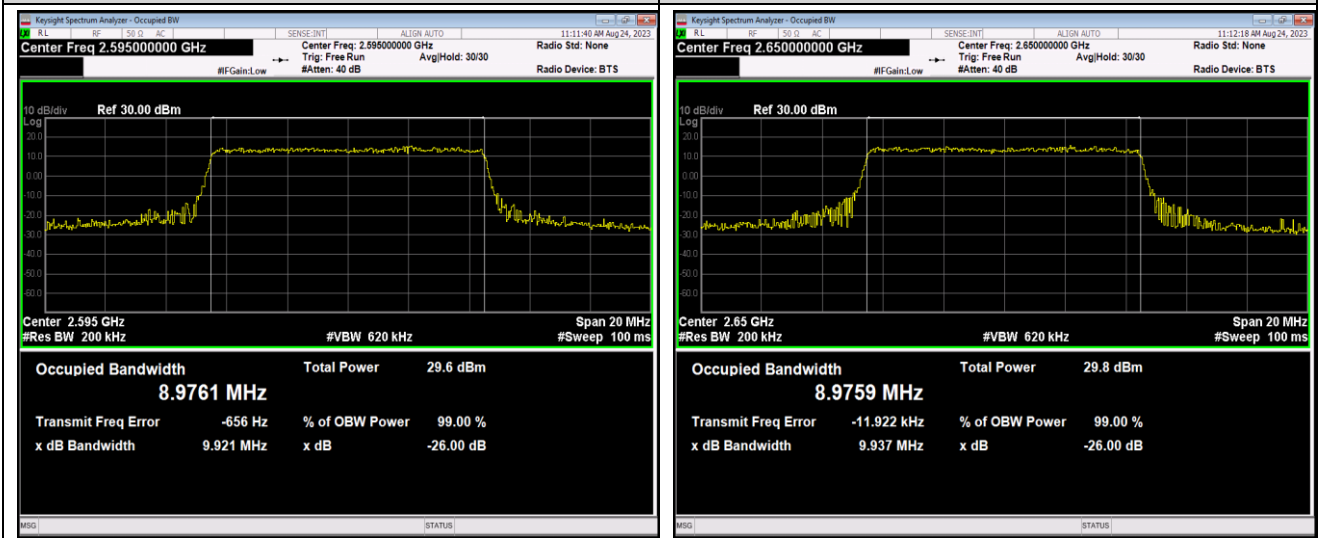
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Band41-10MHz-64QAM-40090-50RB#0



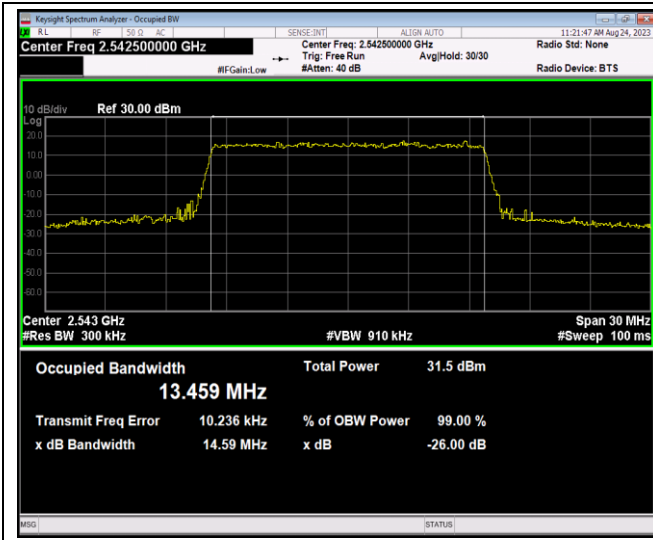
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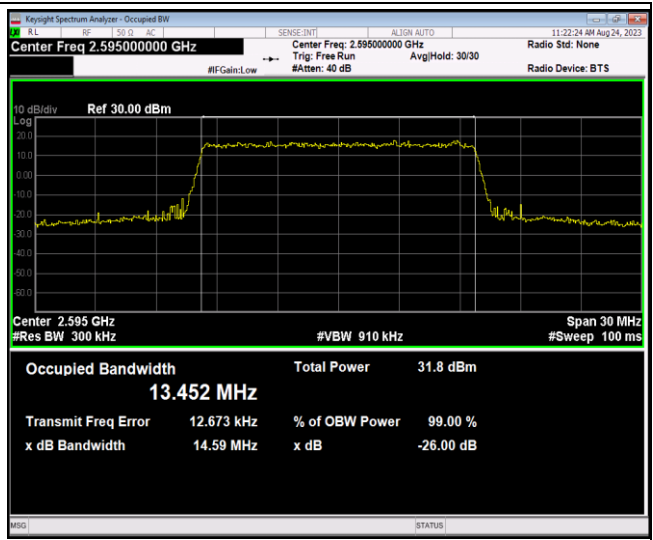


Band41-15MHz-QPSK-40115-75RB#0

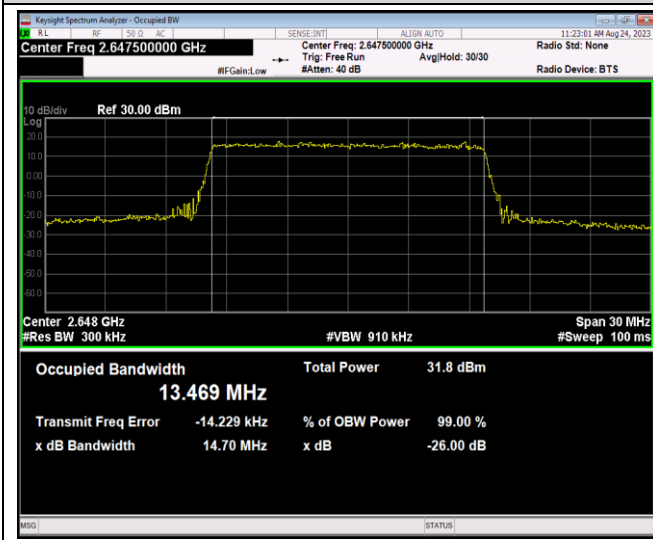
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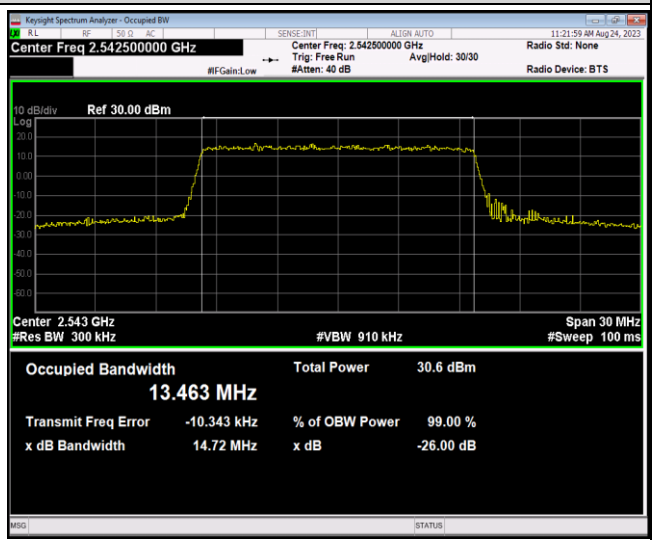
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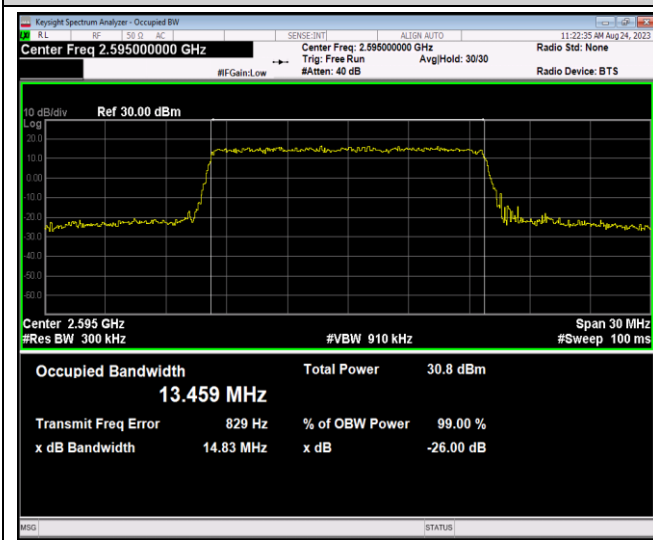
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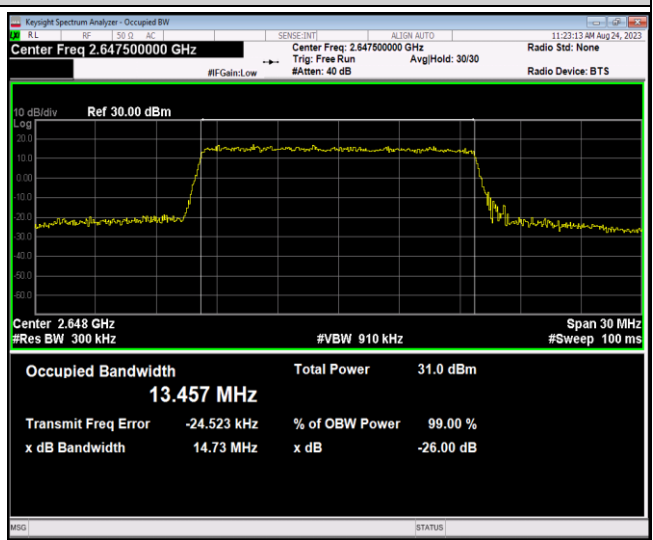
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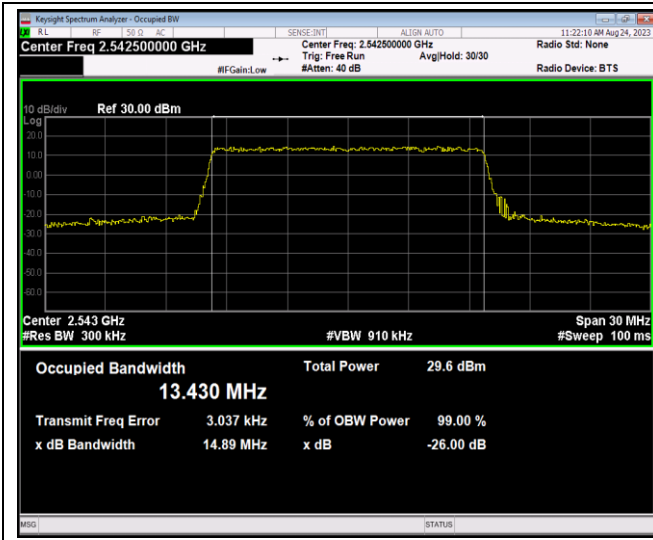
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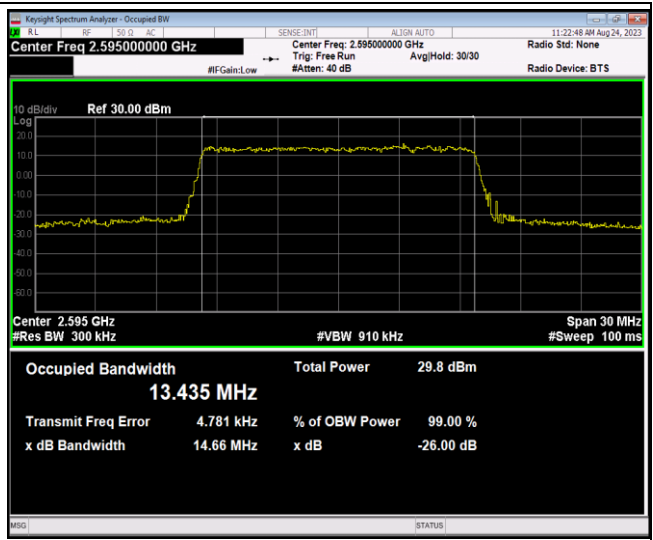
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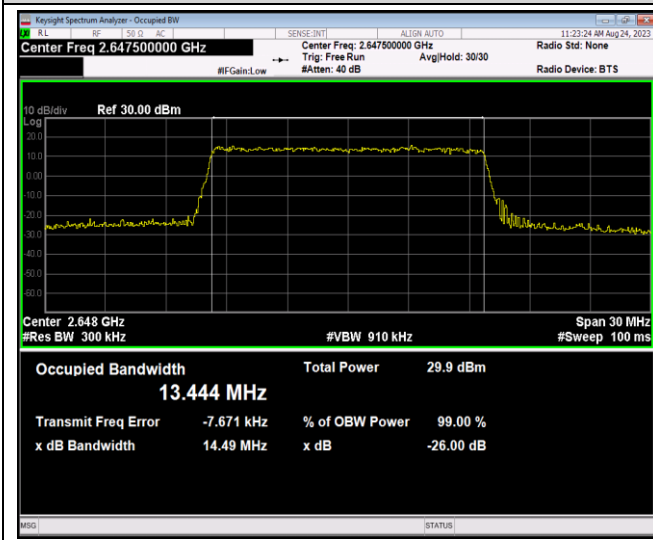
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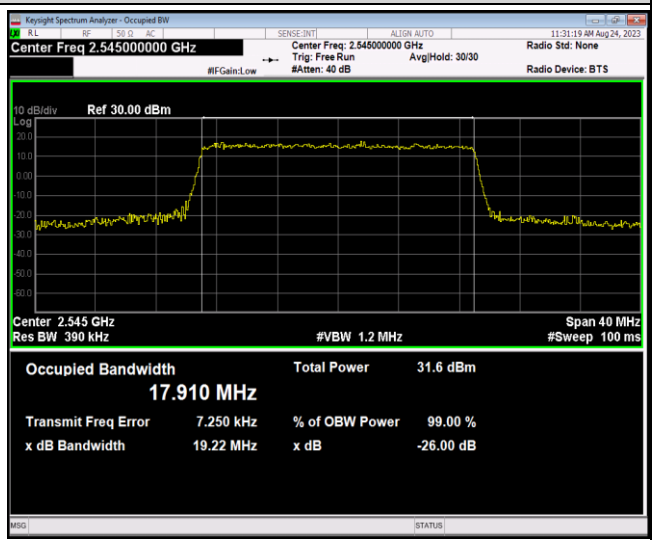
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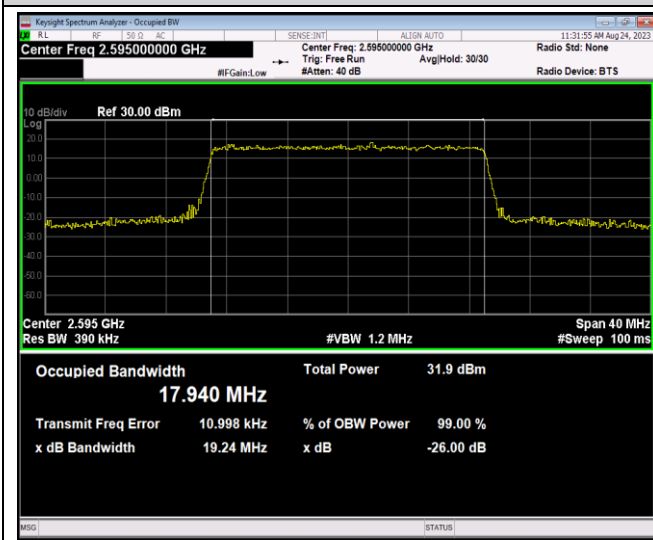
Band41-20MHz-QPSK-40140-100RB#0



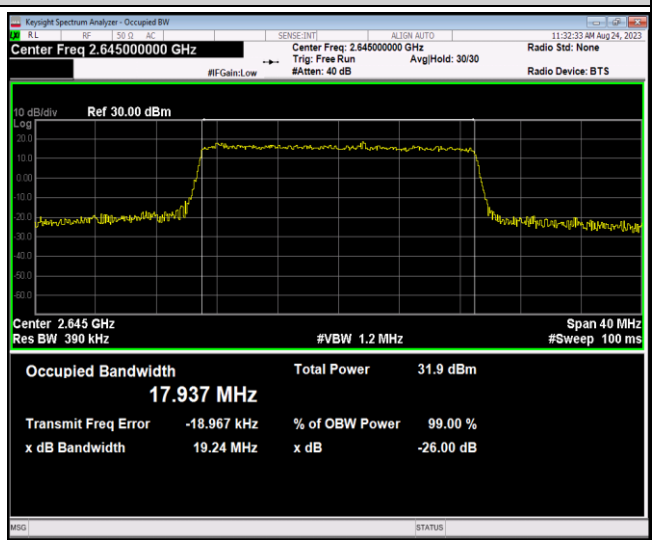
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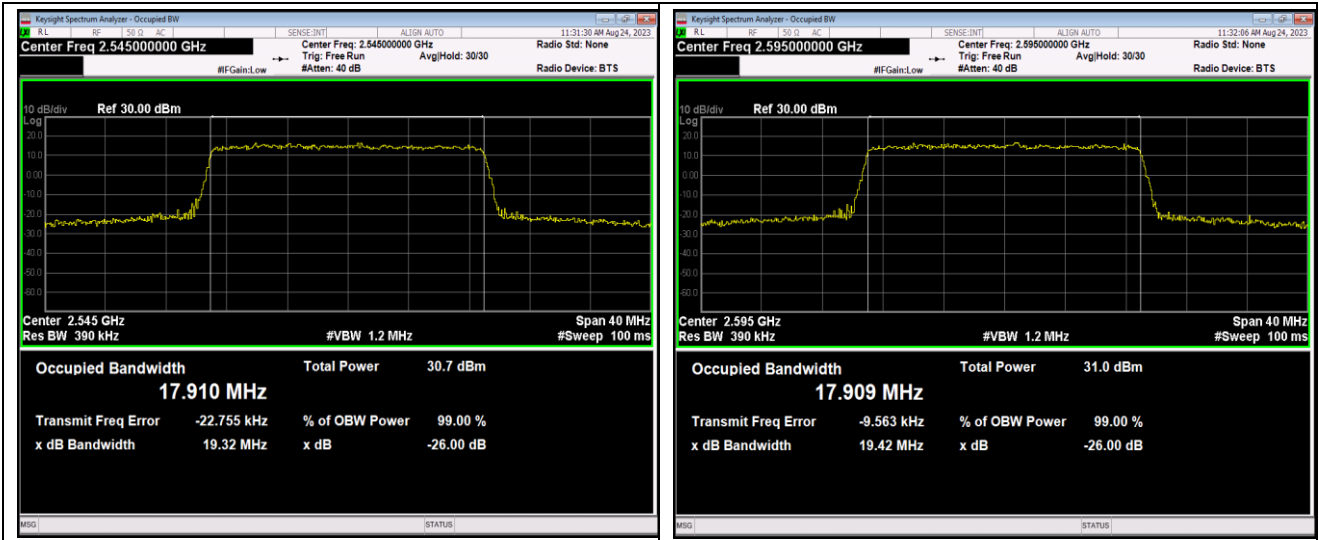
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Band41-20MHz-16QAM-40140-100RB#0

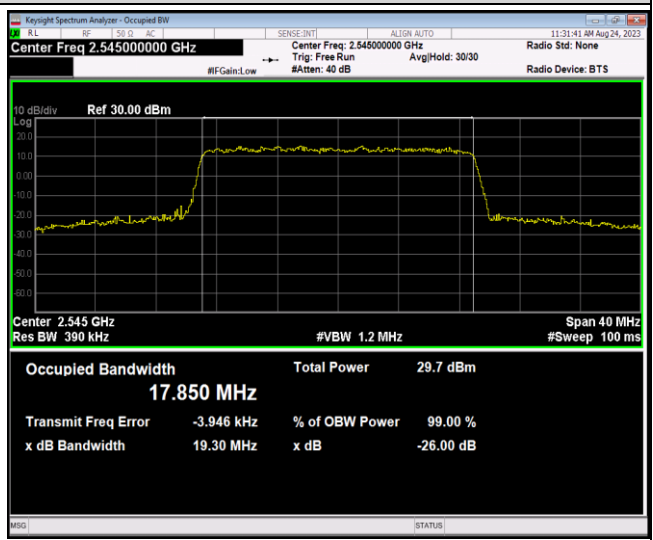
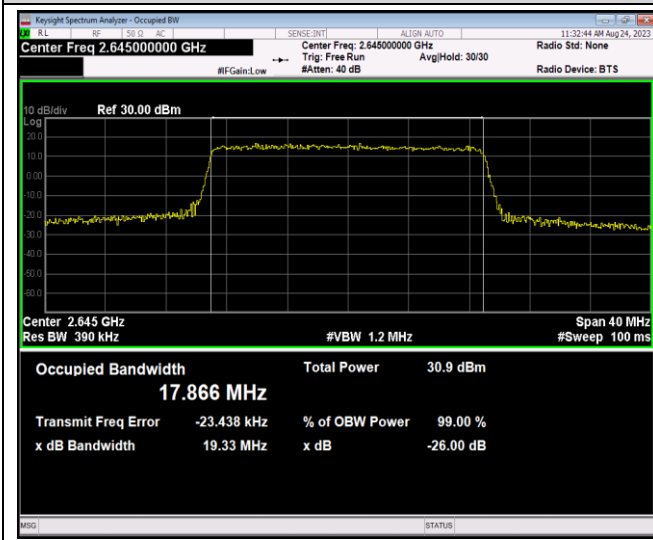


Band41-20MHz-16QAM-40640-100RB#0



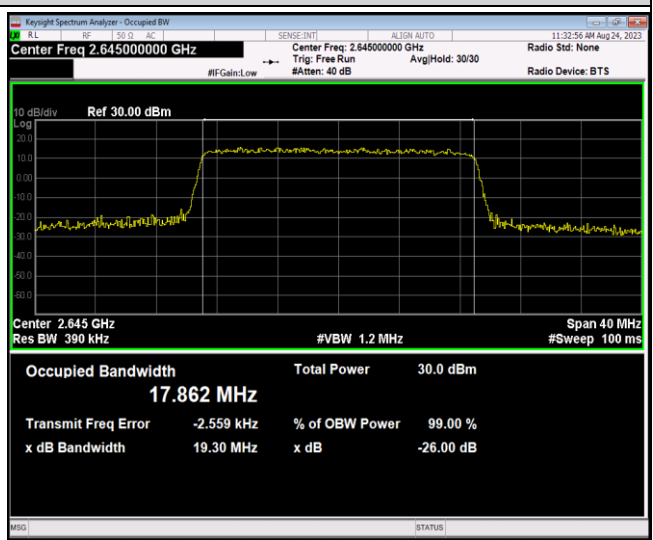
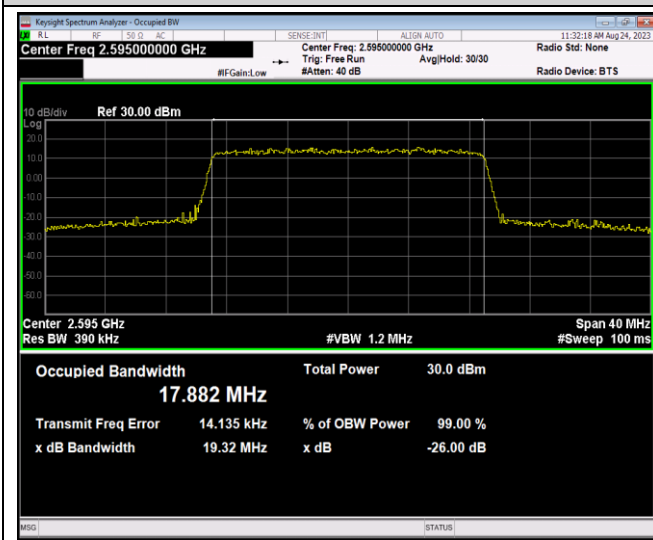
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Band41-20MHz-64QAM-40140-100RB#0



Band41-20MHz-64QAM-40640-100RB#0

Band41-20MHz-64QAM-41140-100RB#0



Appendix D: Band Edge

Test Result (worst case)

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	-37.04,-27.37	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	-36.26,-47.89	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	-30.92,-33.79	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	-47.61,-37.72	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	-26.41,-37.23	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-36.01,-32.20	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	-37.76,-32.67	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	-37.12,-47.85	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-31.33,-35.20	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	-47.53,-38.22	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	-33.33,-37.85	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-36.33,-31.98	PASS
Band2	1.4MHz	64QAM	18607	1RB#0	-38.32,-32.27	PASS
Band2	1.4MHz	64QAM	18607	1RB#5	-37.75,-49.76	PASS
Band2	1.4MHz	64QAM	18607	6RB#0	-32.25,-36.63	PASS
Band2	1.4MHz	64QAM	19193	1RB#0	-49.66,-38.68	PASS
Band2	1.4MHz	64QAM	19193	1RB#5	-36.15,-38.26	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	-36.43,-32.44	PASS
Band2	20MHz	QPSK	18700	1RB#0	-43.56,-43.02	PASS
Band2	20MHz	QPSK	18700	1RB#99	-45.56,-52.41	PASS
Band2	20MHz	QPSK	18700	100RB#0	-35.21,-38.83	PASS
Band2	20MHz	QPSK	19100	1RB#0	-50.93,-47.03	PASS
Band2	20MHz	QPSK	19100	1RB#99	-44.07,-43.71	PASS
Band2	20MHz	QPSK	19100	100RB#0	-40.05,-36.03	PASS
Band2	20MHz	16QAM	18700	1RB#0	-44.57,-41.72	PASS
Band2	20MHz	16QAM	18700	1RB#99	-46.52,-52.28	PASS
Band2	20MHz	16QAM	18700	100RB#0	-35.34,-38.96	PASS
Band2	20MHz	16QAM	19100	1RB#0	-53.80,-47.21	PASS
Band2	20MHz	16QAM	19100	1RB#99	-43.38,-44.48	PASS
Band2	20MHz	16QAM	19100	100RB#0	-40.73,-36.56	PASS
Band2	20MHz	64QAM	18700	1RB#0	-45.52,-45.38	PASS
Band2	20MHz	64QAM	18700	1RB#99	-47.41,-53.70	PASS
Band2	20MHz	64QAM	18700	100RB#0	-35.63,-39.40	PASS
Band2	20MHz	64QAM	19100	1RB#0	-53.01,-47.89	PASS
Band2	20MHz	64QAM	19100	1RB#99	-45.27,-45.33	PASS
Band2	20MHz	64QAM	19100	100RB#0	-41.34,-37.03	PASS

Band4	1.4MHz	QPSK	19957	1RB#0	-36.63,-29.07	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	-35.13,-45.45	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	-30.65,-34.08	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	-46.45,-36.27	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	-29.09,-36.76	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-33.32,-30.26	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	-37.47,-35.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	-36.12,-47.09	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-30.87,-35.01	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	-48.20,-36.94	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	-32.06,-37.31	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-34.64,-30.60	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	-38.18,-28.19	PASS
Band4	1.4MHz	64QAM	19957	1RB#5	-36.43,-46.05	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	-31.72,-36.28	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	-48.28,-37.48	PASS
Band4	1.4MHz	64QAM	20393	1RB#5	-32.75,-38.14	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	-35.74,-31.52	PASS
Band4	20MHz	QPSK	20050	1RB#0	-41.55,-44.52	PASS
Band4	20MHz	QPSK	20050	1RB#99	-38.68,-51.40	PASS
Band4	20MHz	QPSK	20050	100RB#0	-33.57,-37.61	PASS
Band4	20MHz	QPSK	20300	1RB#0	-48.26,-29.60	PASS
Band4	20MHz	QPSK	20300	1RB#99	-42.91,-41.52	PASS
Band4	20MHz	QPSK	20300	100RB#0	-39.68,-36.04	PASS
Band4	20MHz	16QAM	20050	1RB#0	-42.77,-43.08	PASS
Band4	20MHz	16QAM	20050	1RB#99	-40.37,-51.37	PASS
Band4	20MHz	16QAM	20050	100RB#0	-33.69,-37.74	PASS
Band4	20MHz	16QAM	20300	1RB#0	-50.84,-31.41	PASS
Band4	20MHz	16QAM	20300	1RB#99	-42.13,-42.64	PASS
Band4	20MHz	16QAM	20300	100RB#0	-40.53,-36.56	PASS
Band4	20MHz	64QAM	20050	1RB#0	-43.50,-45.13	PASS
Band4	20MHz	64QAM	20050	1RB#99	-41.35,-52.14	PASS
Band4	20MHz	64QAM	20050	100RB#0	-34.23,-38.35	PASS
Band4	20MHz	64QAM	20300	1RB#0	-50.45,-33.18	PASS
Band4	20MHz	64QAM	20300	1RB#99	-44.55,-43.81	PASS
Band4	20MHz	64QAM	20300	100RB#0	-40.44,-36.32	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	-47.15,-25.76	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	-45.92,-48.03	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	-41.40,-33.88	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	-48.53,-44.61	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	-30.60,-46.54	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-35.68,-42.25	PASS

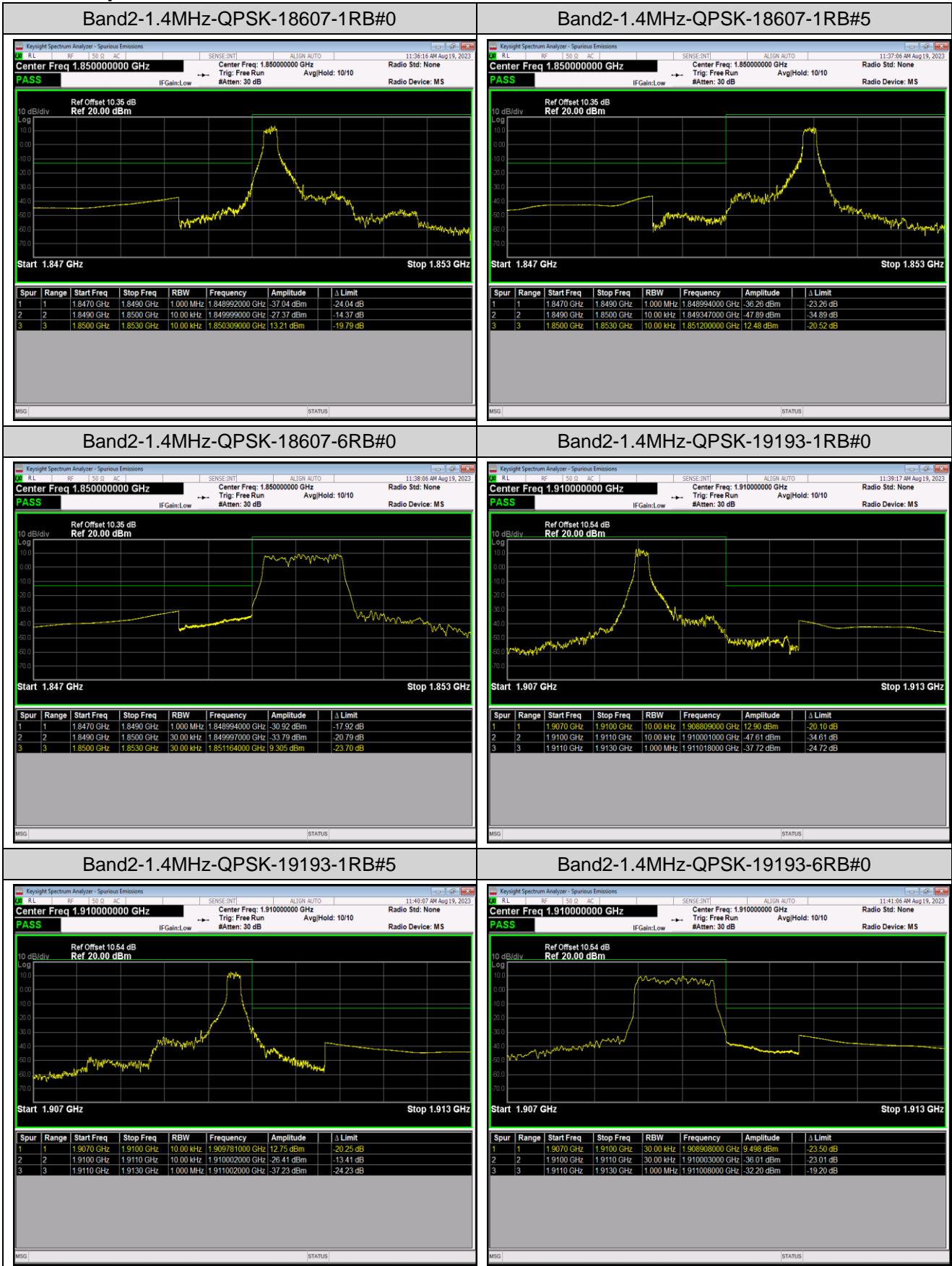
Band5	1.4MHz	16QAM	20407	1RB#0	-47.95,-31.08	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	-47.12,-48.66	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-42.18,-37.92	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	-48.22,-45.50	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	-38.41,-47.11	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-36.56,-42.02	PASS
Band5	1.4MHz	64QAM	20407	1RB#0	-42.90,-39.94	PASS
Band5	1.4MHz	64QAM	20407	1RB#5	-47.78,-49.76	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	-42.60,-38.68	PASS
Band5	1.4MHz	64QAM	20643	1RB#0	-39.07,-43.13	PASS
Band5	1.4MHz	64QAM	20643	1RB#5	-33.62,-47.71	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	-36.65,-43.22	PASS
Band5	10MHz	QPSK	20450	1RB#0	-47.91,-36.28	PASS
Band5	10MHz	QPSK	20450	1RB#49	-42.80,-52.29	PASS
Band5	10MHz	QPSK	20450	50RB#0	-38.75,-32.25	PASS
Band5	10MHz	QPSK	20600	1RB#0	-51.99,-40.88	PASS
Band5	10MHz	QPSK	20600	1RB#49	-36.88,-47.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	-32.70,-39.77	PASS
Band5	10MHz	16QAM	20450	1RB#0	-50.49,-35.15	PASS
Band5	10MHz	16QAM	20450	1RB#49	-43.92,-54.60	PASS
Band5	10MHz	16QAM	20450	50RB#0	-41.91,-36.24	PASS
Band5	10MHz	16QAM	20600	1RB#0	-53.98,-41.69	PASS
Band5	10MHz	16QAM	20600	1RB#49	-36.68,-48.07	PASS
Band5	10MHz	16QAM	20600	50RB#0	-34.45,-41.15	PASS
Band5	10MHz	64QAM	20450	1RB#0	-46.50,-49.25	PASS
Band5	10MHz	64QAM	20450	1RB#49	-44.59,-53.09	PASS
Band5	10MHz	64QAM	20450	50RB#0	-46.61,-39.47	PASS
Band5	10MHz	64QAM	20600	1RB#0	-46.70,-42.44	PASS
Band5	10MHz	64QAM	20600	1RB#49	-37.75,-48.99	PASS
Band5	10MHz	64QAM	20600	50RB#0	-35.98,-42.68	PASS
Band7	5MHz	QPSK	20775	1RB#0	-47.34,-41.86,-36.63,-30.38	PASS
Band7	5MHz	QPSK	20775	1RB#24	-49.75,-39.35,-38.09,-52.17	PASS
Band7	5MHz	QPSK	20775	25RB#0	-40.25,-31.24,-24.17,-29.26	PASS
Band7	5MHz	QPSK	21425	1RB#0	-53.47,-37.23,-46.98,-49.50	PASS
Band7	5MHz	QPSK	21425	1RB#24	-28.74,-35.45,-45.77,-48.48	PASS
Band7	5MHz	QPSK	21425	25RB#0	-28.15,-22.76,-37.56,-37.66	PASS
Band7	5MHz	16QAM	20775	1RB#0	-48.34,-43.05,-37.64,-32.36	PASS
Band7	5MHz	16QAM	20775	1RB#24	-49.87,-40.17,-38.63,-53.95	PASS
Band7	5MHz	16QAM	20775	25RB#0	-40.58,-33.76,-24.58,-30.91	PASS
Band7	5MHz	16QAM	21425	1RB#0	-51.96,-37.93,-47.12,-49.67	PASS
Band7	5MHz	16QAM	21425	1RB#24	-30.67,-36.49,-46.09,-48.93	PASS
Band7	5MHz	16QAM	21425	25RB#0	-30.15,-23.85,-36.81,-37.90	PASS

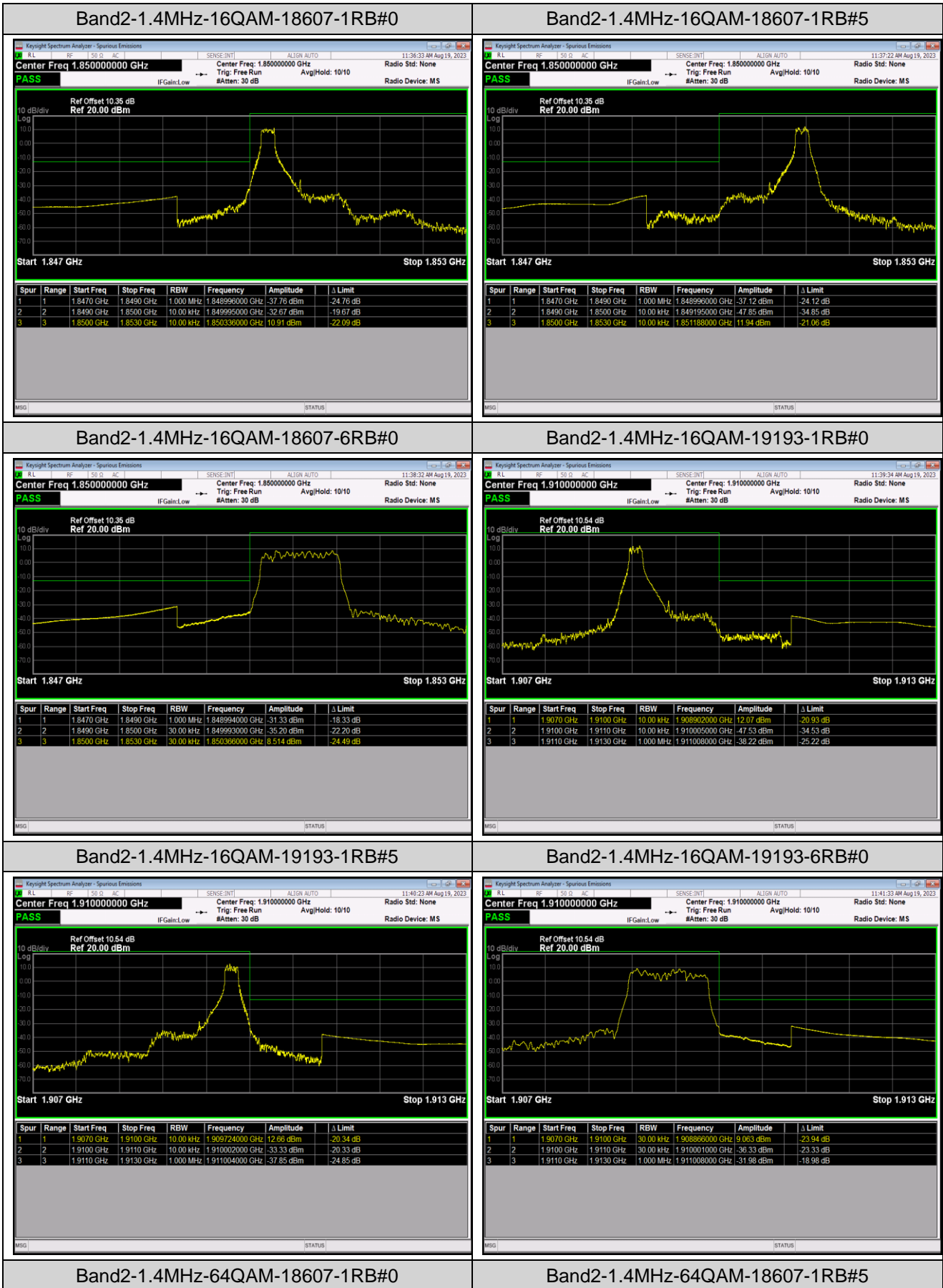
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Band7	5MHz	64QAM	20775	25RB#0	-41.90,-35.33,-25.92,-32.51	PASS
Band7	5MHz	64QAM	21425	1RB#0	-39.56,-25.98,-36.82,-37.72	PASS
Band7	5MHz	64QAM	21425	1RB#24	-30.08,-37.70,-46.28,-48.46	PASS
Band7	5MHz	64QAM	21425	25RB#0	-32.43,-25.71,-36.67,-38.27	PASS
Band7	20MHz	QPSK	20850	1RB#0	-39.62,-40.75,-42.93	PASS
Band7	20MHz	QPSK	20850	1RB#99	-46.25,-46.07,-52.68	PASS
Band7	20MHz	QPSK	20850	100RB#0	-34.70,-32.08,-30.21,-34.07	PASS
Band7	20MHz	QPSK	21350	1RB#0	-51.65,-46.45,-41.55,-50.45	PASS
Band7	20MHz	QPSK	21350	1RB#99	-41.21,-39.84,-39.04,-50.16	PASS
Band7	20MHz	QPSK	21350	100RB#0	-32.47,-28.60,-31.43,-46.28	PASS
Band7	20MHz	16QAM	20850	1RB#0	-41.92,-42.05,-42.86	PASS
Band7	20MHz	16QAM	20850	1RB#99	-46.54,-46.32,-51.27	PASS
Band7	20MHz	16QAM	20850	100RB#0	-37.16,-33.78,-31.72,-35.64	PASS
Band7	20MHz	16QAM	21350	1RB#0	-53.18,-46.64,-42.66,-50.51	PASS
Band7	20MHz	16QAM	21350	1RB#99	-43.10,-40.81,-41.32,-50.30	PASS
Band7	20MHz	16QAM	21350	100RB#0	-34.59,-30.55,-32.66,-46.01	PASS
Band7	20MHz	64QAM	20850	1RB#0	-34.00,-32.16,-47.24	PASS
Band7	20MHz	64QAM	20850	1RB#99	-46.92,-46.48,-52.38	PASS
Band7	20MHz	64QAM	20850	100RB#0	-37.29,-34.11,-32.31,-36.31	PASS
Band7	20MHz	64QAM	21350	1RB#0	-46.47,-31.85,-34.79,-46.63	PASS
Band7	20MHz	64QAM	21350	1RB#99	-41.67,-42.29,-42.52,-50.30	PASS
Band7	20MHz	64QAM	21350	100RB#0	-35.98,-31.81,-34.17,-46.32	PASS
Band41	5MHz	QPSK	40065	1RB#0	-48.99,-47.25,-38.58,-34.51	PASS
Band41	5MHz	QPSK	40065	1RB#24	-50.09,-48.24,-39.30,-54.95	PASS
Band41	5MHz	QPSK	40065	25RB#0	-42.21,-39.81,-29.39,-35.89	PASS
Band41	5MHz	QPSK	41215	1RB#0	-53.53,-37.79,-47.18,-49.14	PASS
Band41	5MHz	QPSK	41215	1RB#24	-34.62,-38.14,-46.51,-48.33	PASS
Band41	5MHz	QPSK	41215	25RB#0	-38.52,-33.73,-39.20,-40.58	PASS
Band41	5MHz	16QAM	40065	1RB#0	-49.27,-47.61,-39.72,-31.80	PASS
Band41	5MHz	16QAM	40065	1RB#24	-50.15,-48.34,-39.95,-54.08	PASS
Band41	5MHz	16QAM	40065	25RB#0	-42.22,-39.99,-27.92,-36.05	PASS
Band41	5MHz	16QAM	41215	1RB#0	-55.33,-38.66,-47.60,-49.19	PASS
Band41	5MHz	16QAM	41215	1RB#24	-35.10,-39.40,-47.08,-48.72	PASS
Band41	5MHz	16QAM	41215	25RB#0	-38.63,-31.72,-38.70,-40.63	PASS
Band41	5MHz	64QAM	40065	1RB#0	-49.94,-48.10,-41.10,-36.34	PASS
Band41	5MHz	64QAM	40065	1RB#24	-50.34,-48.74,-40.65,-55.56	PASS
Band41	5MHz	64QAM	40065	25RB#0	-43.73,-41.77,-29.01,-36.20	PASS
Band41	5MHz	64QAM	41215	1RB#0	-56.38,-39.79,-48.03,-49.27	PASS
Band41	5MHz	64QAM	41215	1RB#24	-35.19,-40.65,-47.22,-48.99	PASS
Band41	5MHz	64QAM	41215	25RB#0	-38.61,-31.76,-39.62,-41.01	PASS

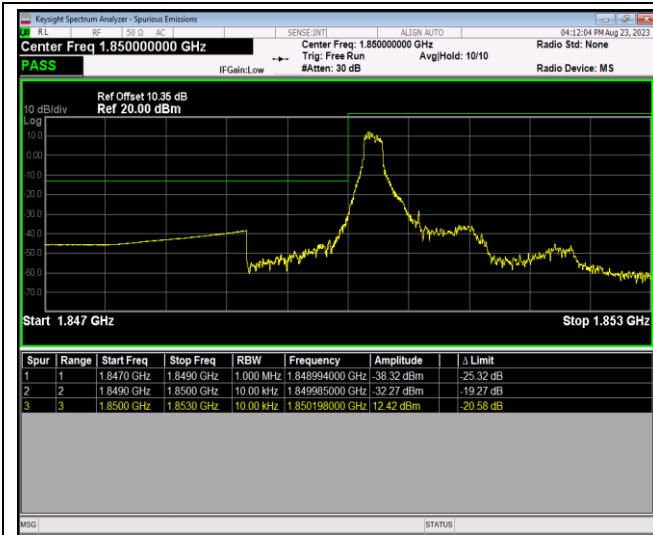
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Band41	20MHz	QPSK	40140	1RB#99	-50.75,-41.80,-47.37,-54.44	PASS
Band41	20MHz	QPSK	40140	100RB#0	-47.59,-38.50,-35.55,-38.71	PASS
Band41	20MHz	QPSK	41140	1RB#0	-55.31,-47.74,-39.38,-49.94	PASS
Band41	20MHz	QPSK	41140	1RB#99	-46.40,-43.93,-44.65,-49.58	PASS
Band41	20MHz	QPSK	41140	100RB#0	-43.17,-38.92,-41.29,-45.51	PASS
Band41	20MHz	16QAM	40140	1RB#0	-50.69,-43.55,-44.66,-46.97	PASS
Band41	20MHz	16QAM	40140	1RB#99	-50.77,-42.68,-47.57,-55.25	PASS
Band41	20MHz	16QAM	40140	100RB#0	-47.89,-36.25,-34.12,-39.04	PASS
Band41	20MHz	16QAM	41140	1RB#0	-56.86,-47.78,-40.69,-49.95	PASS
Band41	20MHz	16QAM	41140	1RB#99	-46.88,-43.91,-44.73,-49.71	PASS
Band41	20MHz	16QAM	41140	100RB#0	-42.55,-37.74,-40.38,-45.72	PASS
Band41	20MHz	64QAM	40140	1RB#0	-50.74,-43.21,-45.06,-47.62	PASS
Band41	20MHz	64QAM	40140	1RB#99	-50.76,-44.07,-48.27,-55.42	PASS
Band41	20MHz	64QAM	40140	100RB#0	-48.95,-36.89,-34.55,-38.70	PASS
Band41	20MHz	64QAM	41140	1RB#0	-57.25,-48.36,-42.91,-50.00	PASS
Band41	20MHz	64QAM	41140	1RB#99	-48.14,-45.30,-45.83,-49.75	PASS
Band41	20MHz	64QAM	41140	100RB#0	-42.57,-38.39,-40.04,-46.21	PASS

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

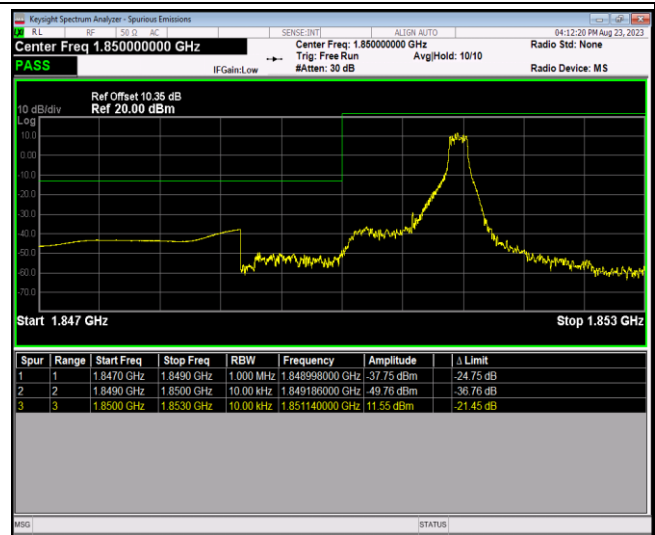
Test Graphs



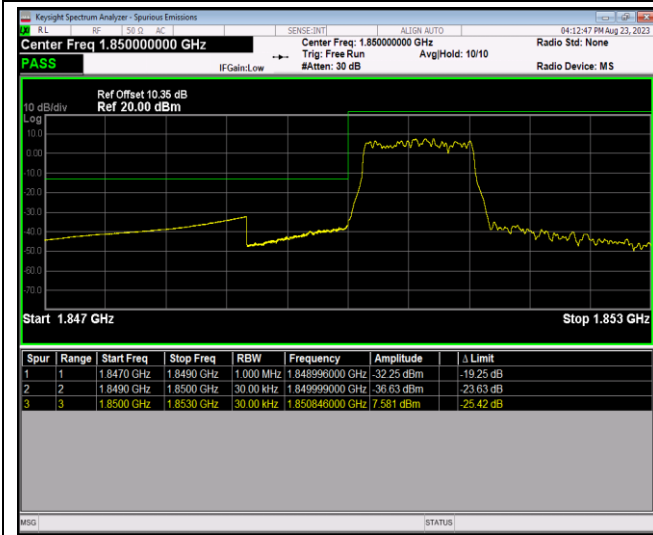




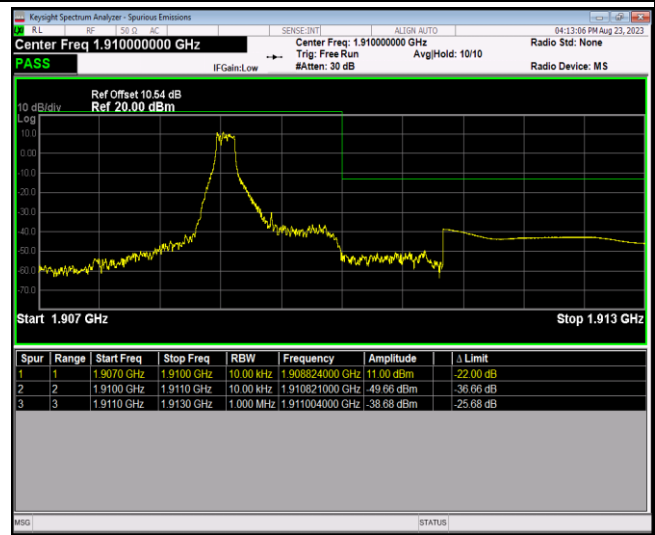
Band2-1.4MHz-64QAM-18607-6RB#0



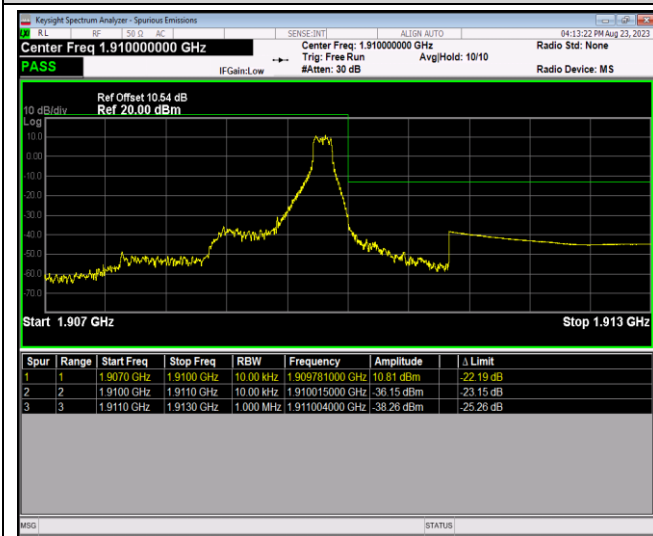
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Band2-1.4MHz-64QAM-19193-1RB#5



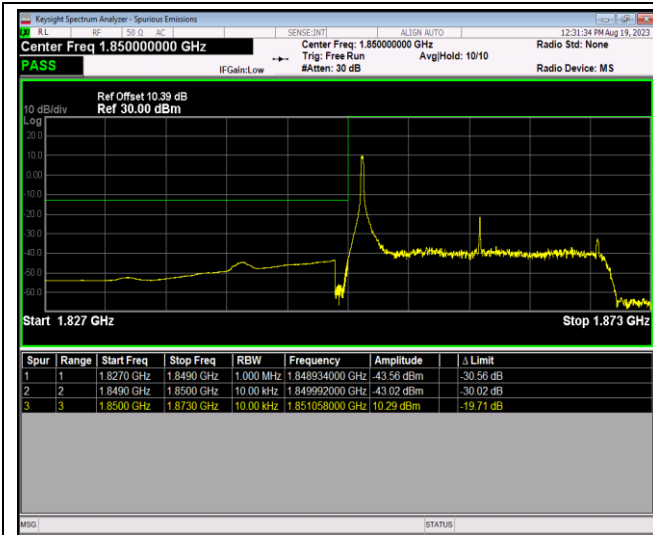
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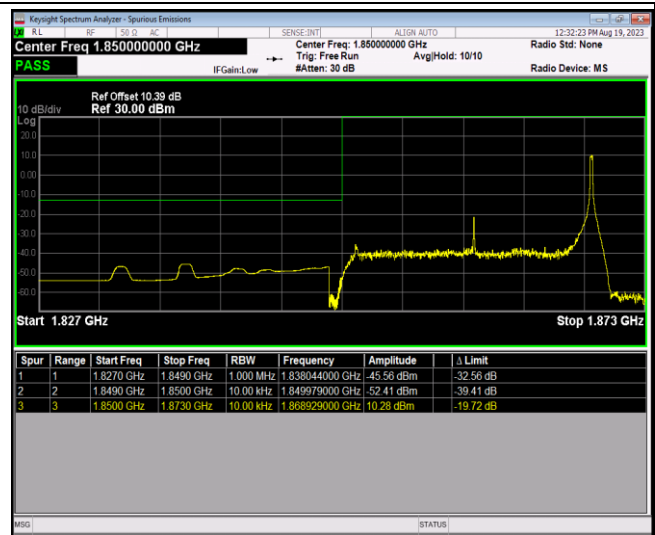
Band2-20MHz-QPSK-18700-1RB#0



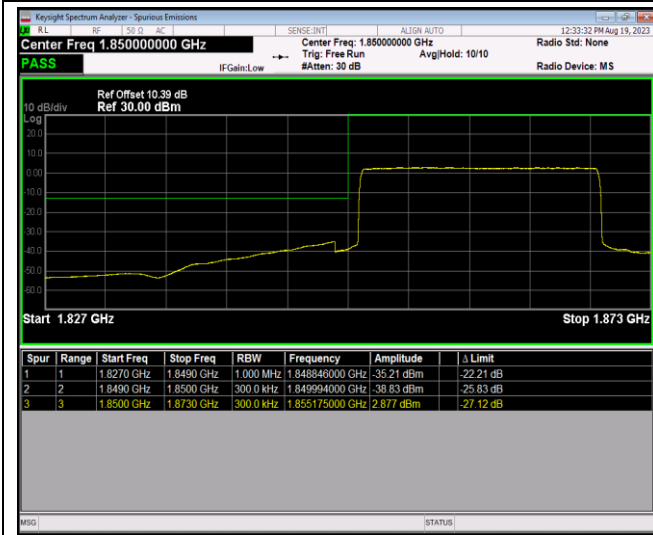
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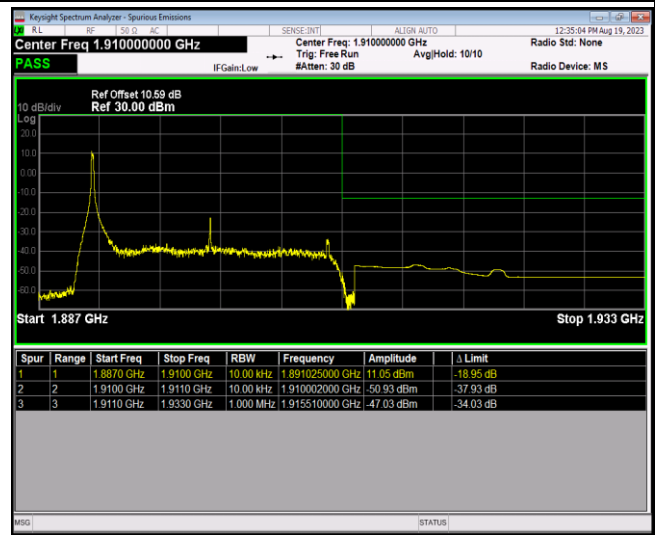
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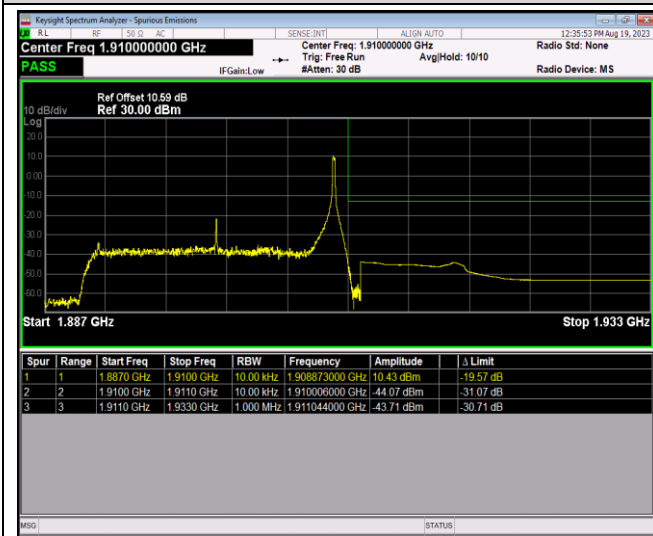
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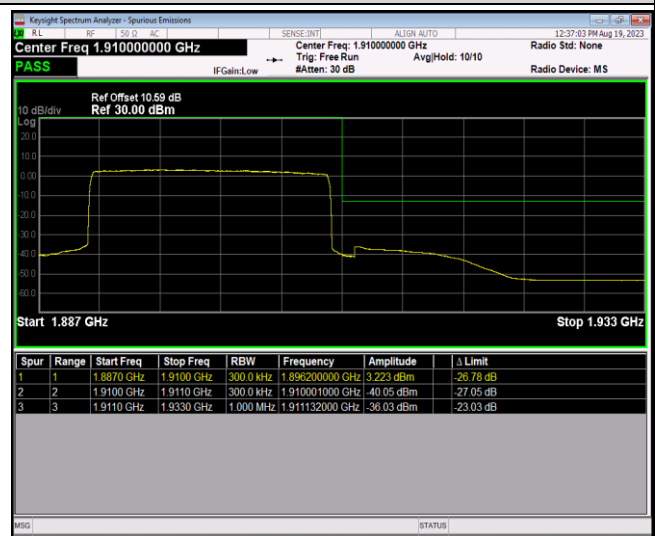
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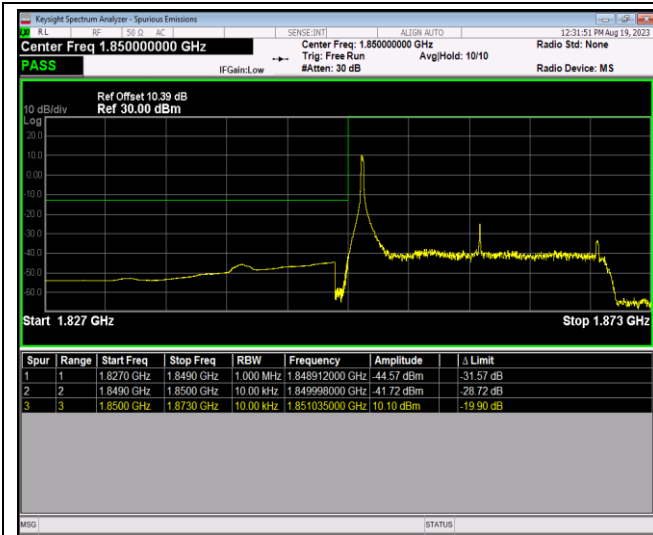
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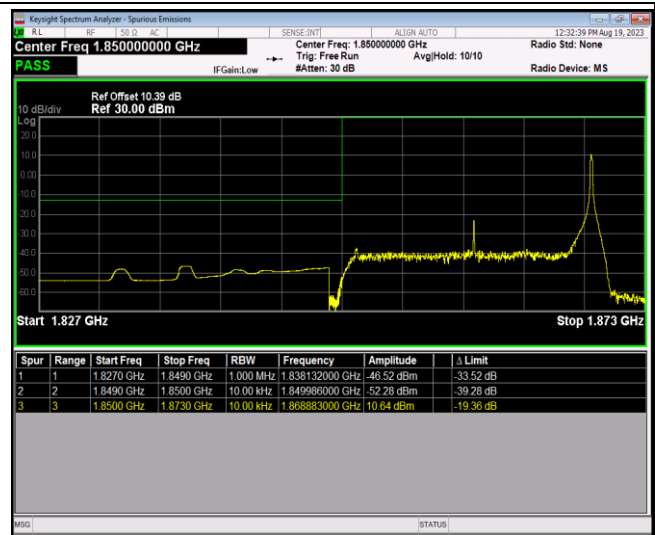
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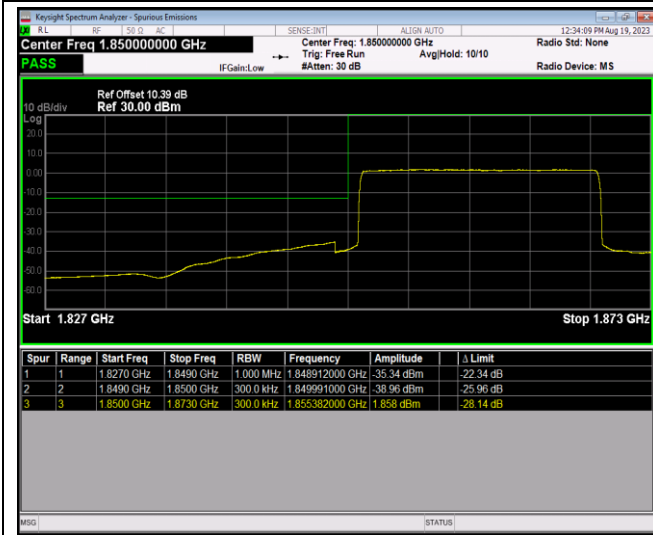
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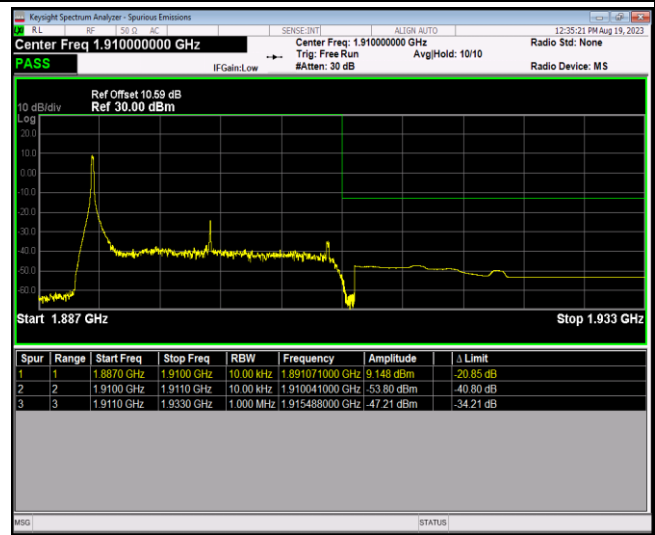
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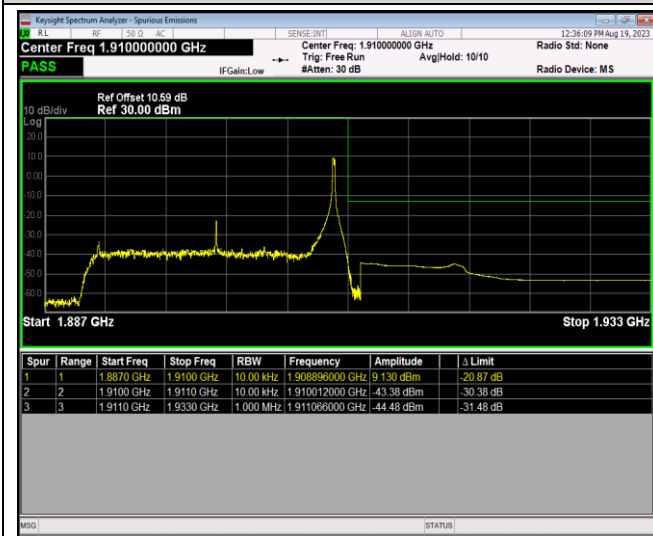
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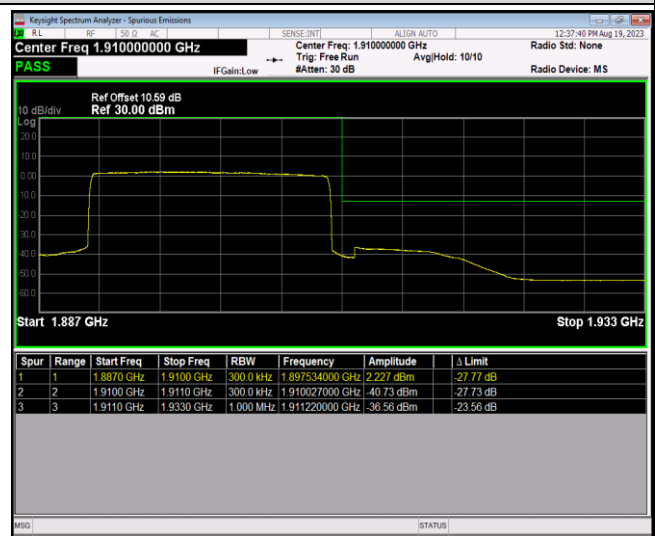
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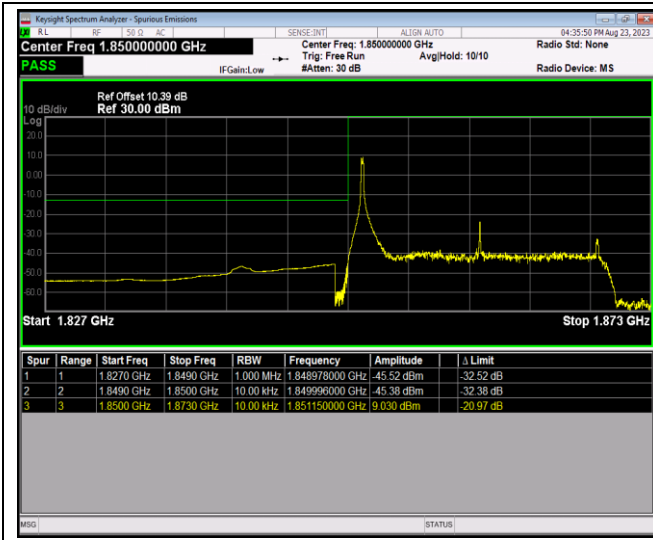
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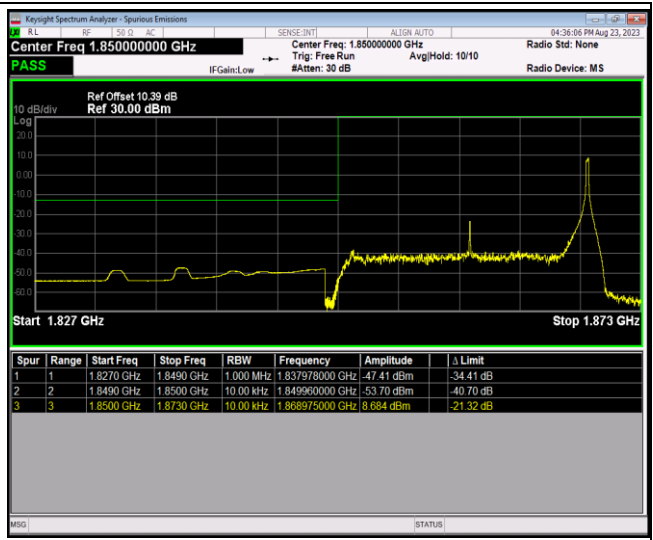
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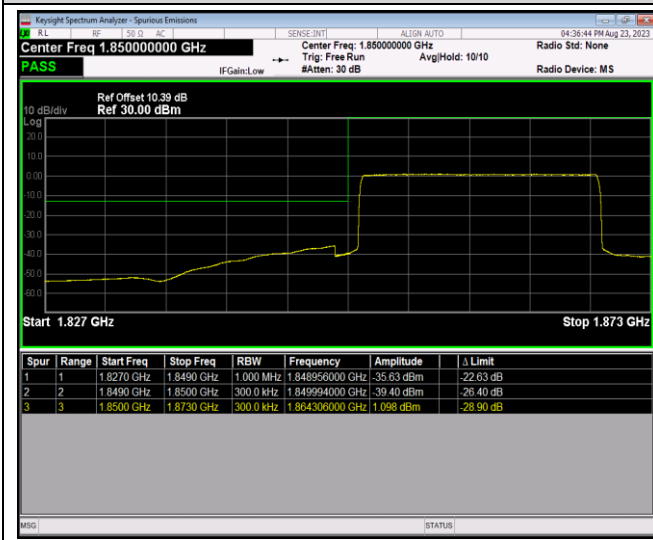
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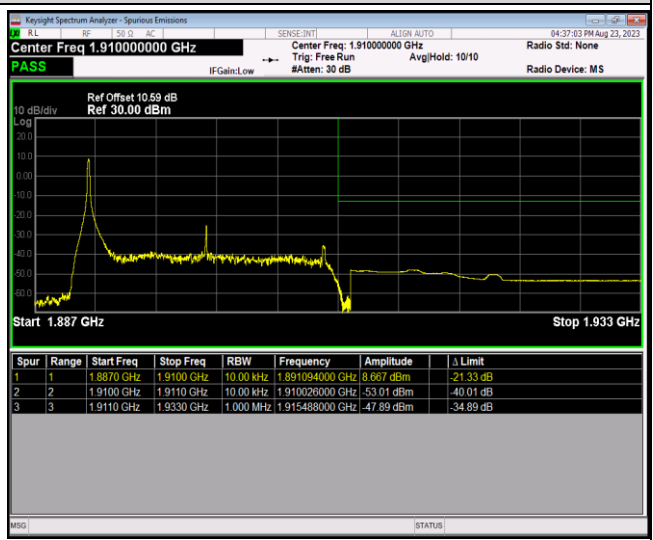
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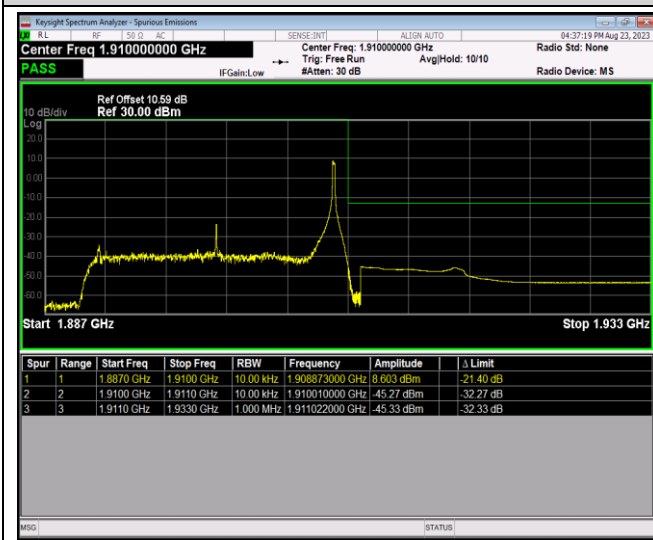
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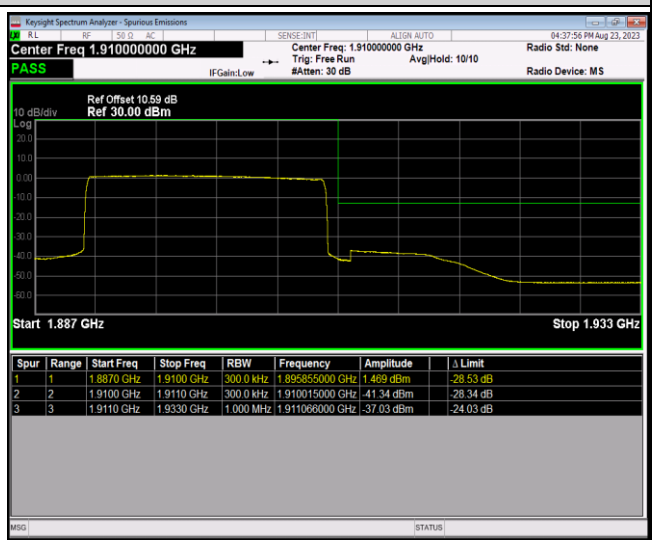
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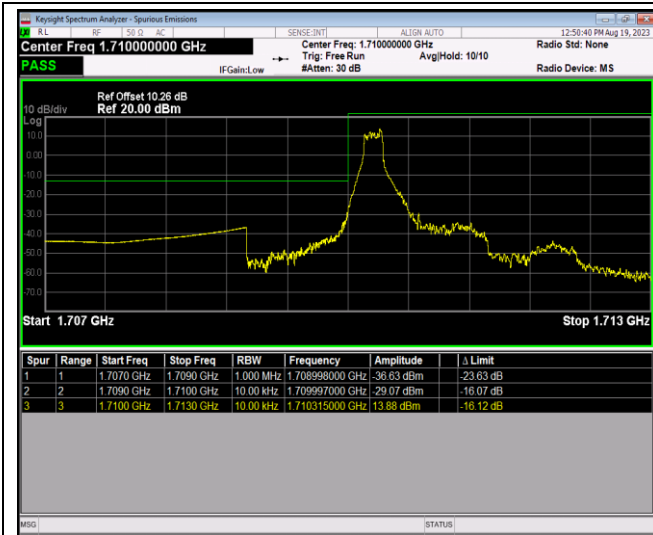
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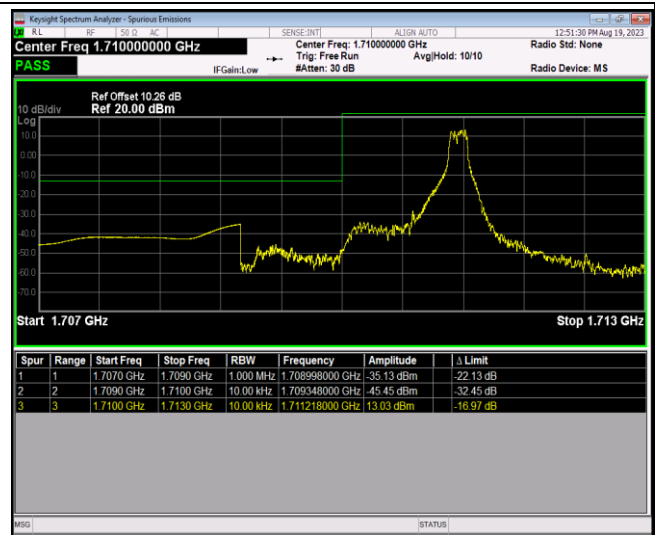
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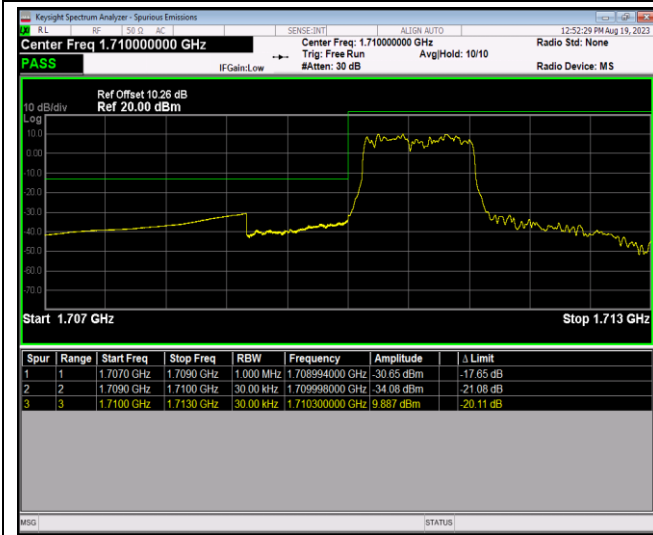
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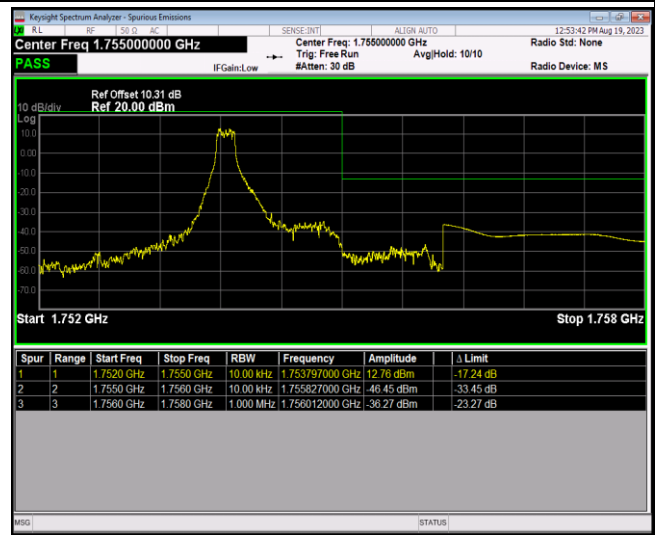
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Band4-1.4MHz-QPSK-20393-1RB#0



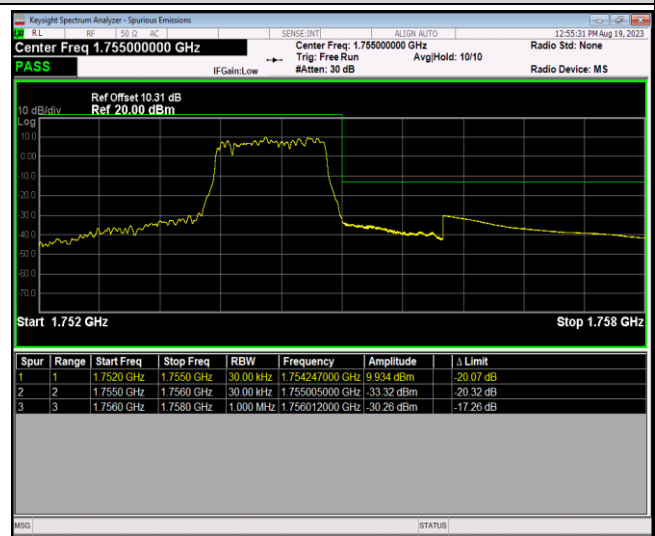
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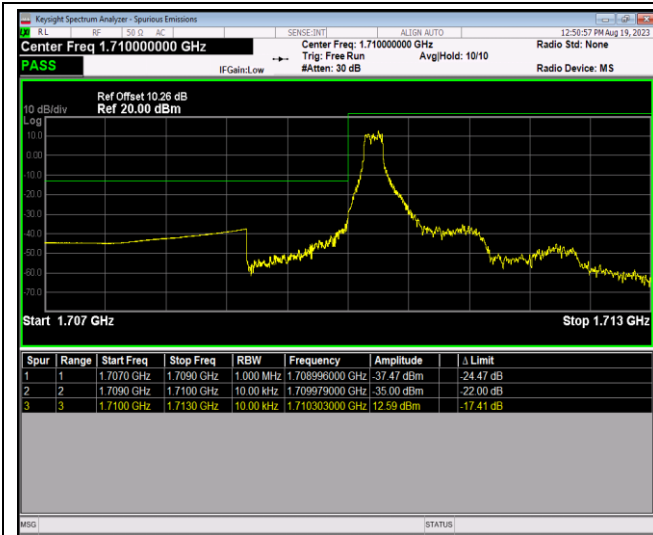
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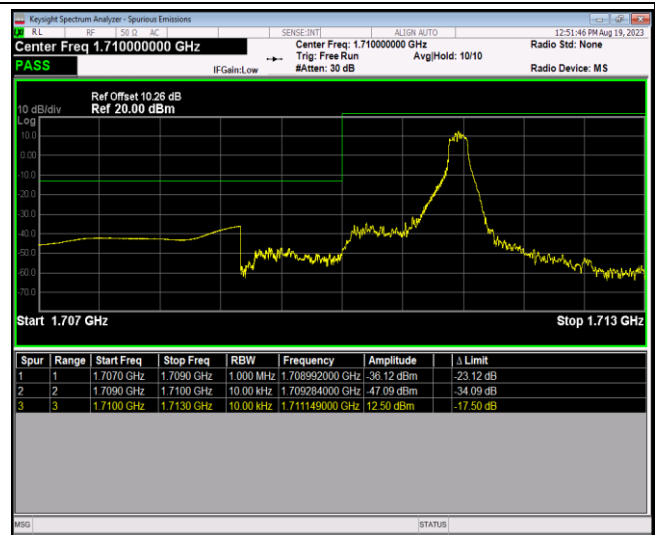
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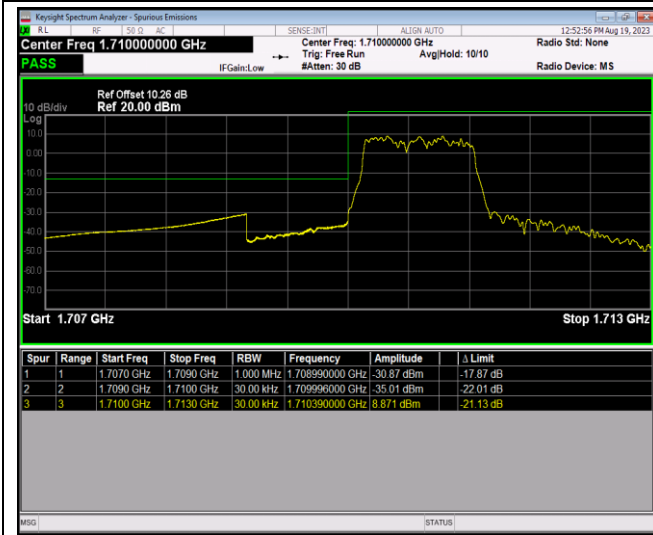
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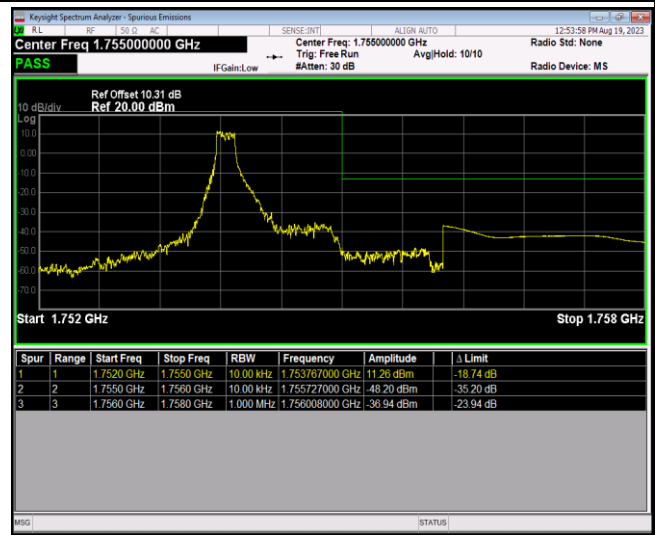
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Band4-1.4MHz-16QAM-20393-1RB#0



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



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



Band4-1.4MHz-64QAM-19957-1RB#0



Band4-1.4MHz-64QAM-19957-1RB#5