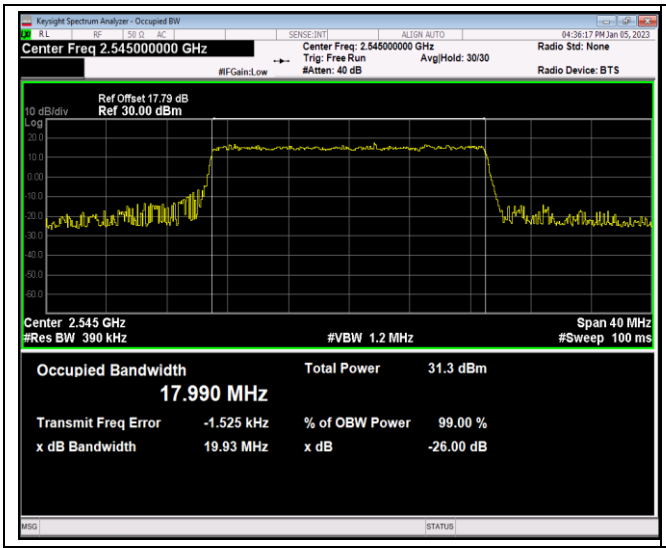
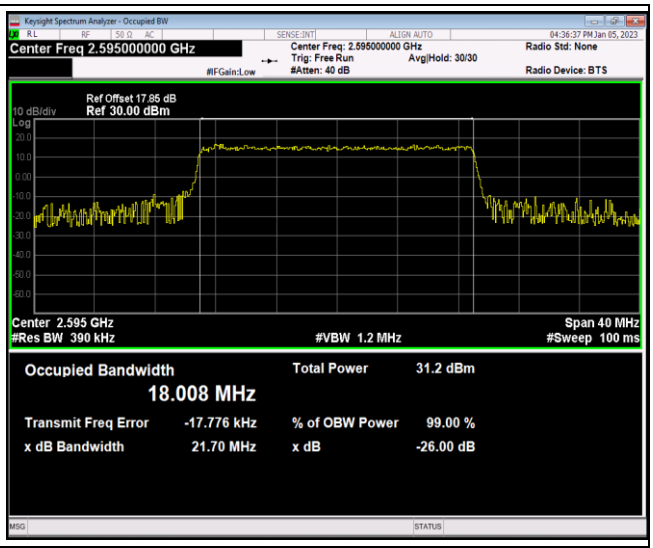
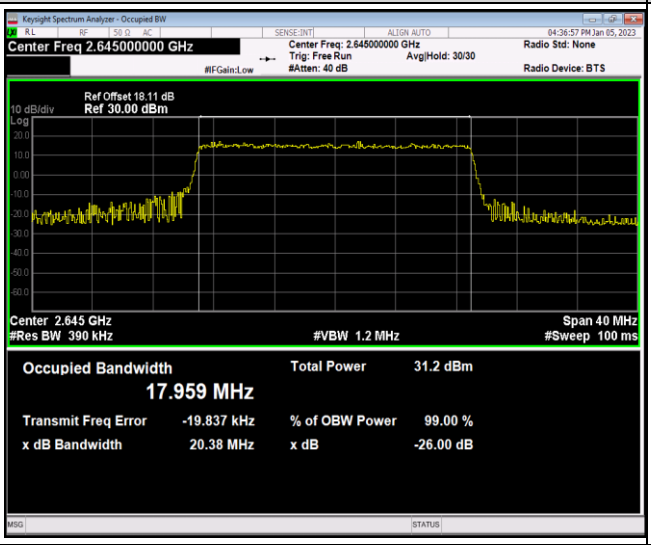


Band41-20MHz-QPSK-41140-100RB#0



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



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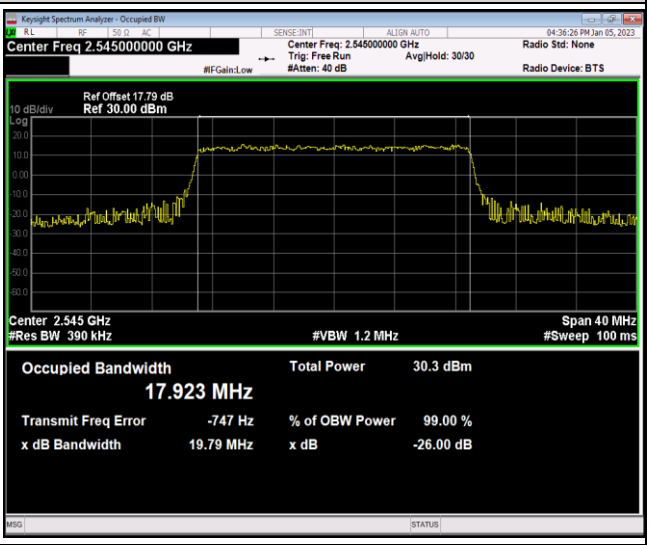
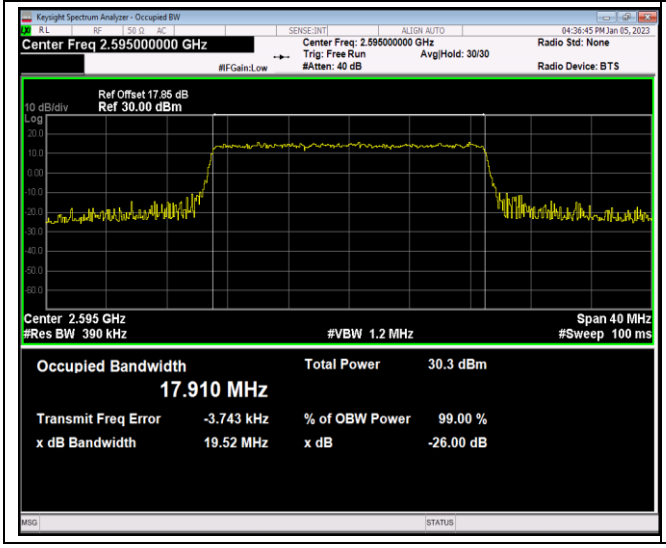
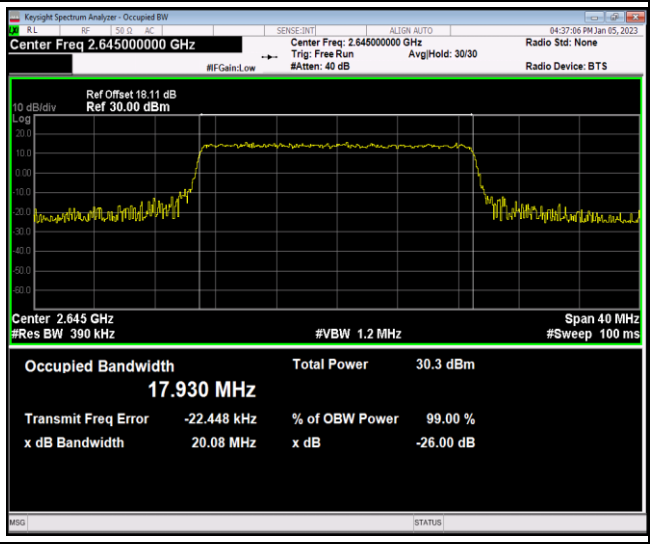


Band41-20MHz-16QAM-41140-100RB#0





Appendix D: Band Edge

Test Result (worst case)

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	-39.32,-26.72	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	-30.80,-37.41	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	-35.80,-35.20	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	-37.40,-30.15	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	-27.96,-39.15	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-32.47,-35.65	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	-39.61,-28.92	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	-33.29,-39.57	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-36.13,-35.74	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	-39.43,-32.94	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	-28.29,-39.46	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-35.49,-36.92	PASS
Band2	20MHz	QPSK	18700	1RB#0	-42.87,-38.74	PASS
Band2	20MHz	QPSK	18700	1RB#99	-43.18,-59.08	PASS
Band2	20MHz	QPSK	18700	100RB#0	-37.27,-41.11	PASS
Band2	20MHz	QPSK	19100	1RB#0	-58.36,-44.80	PASS
Band2	20MHz	QPSK	19100	1RB#99	-41.28,-42.74	PASS
Band2	20MHz	QPSK	19100	100RB#0	-40.80,-37.07	PASS
Band2	20MHz	16QAM	18700	1RB#0	-43.01,-40.55	PASS
Band2	20MHz	16QAM	18700	1RB#99	-44.42,-59.53	PASS
Band2	20MHz	16QAM	18700	100RB#0	-37.71,-41.59	PASS
Band2	20MHz	16QAM	19100	1RB#0	-59.43,-44.80	PASS
Band2	20MHz	16QAM	19100	1RB#99	-40.59,-42.91	PASS
Band2	20MHz	16QAM	19100	100RB#0	-42.20,-38.75	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	-39.24,-25.04	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	-29.52,-37.81	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	-31.99,-34.74	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	-37.46,-30.15	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	-26.23,-39.33	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-34.65,-33.57	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	-39.75,-27.99	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	-32.30,-39.71	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-32.42,-33.47	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	-38.85,-32.59	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	-29.94,-39.69	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-34.10,-33.76	PASS

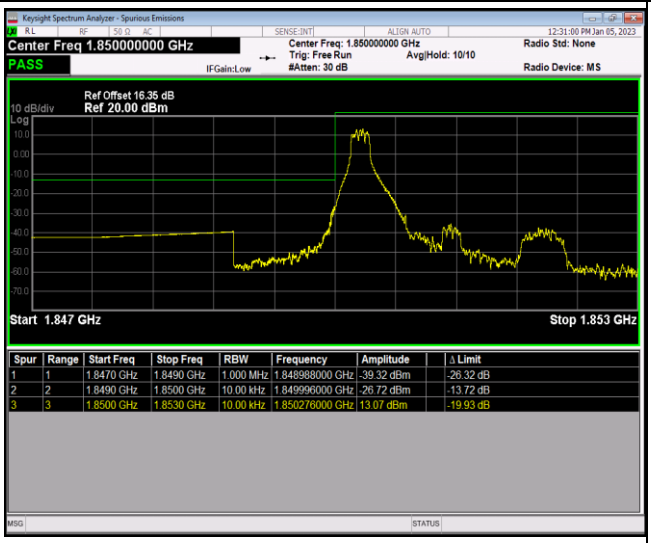
Band4	20MHz	QPSK	20050	1RB#0	-43.21,-38.91	PASS
Band4	20MHz	QPSK	20050	1RB#99	-40.52,-57.84	PASS
Band4	20MHz	QPSK	20050	100RB#0	-37.24,-40.99	PASS
Band4	20MHz	QPSK	20300	1RB#0	-58.05,-30.60	PASS
Band4	20MHz	QPSK	20300	1RB#99	-40.03,-43.00	PASS
Band4	20MHz	QPSK	20300	100RB#0	-40.00,-35.94	PASS
Band4	20MHz	16QAM	20050	1RB#0	-43.22,-38.54	PASS
Band4	20MHz	16QAM	20050	1RB#99	-42.30,-59.38	PASS
Band4	20MHz	16QAM	20050	100RB#0	-35.49,-39.57	PASS
Band4	20MHz	16QAM	20300	1RB#0	-58.54,-33.61	PASS
Band4	20MHz	16QAM	20300	1RB#99	-39.40,-43.17	PASS
Band4	20MHz	16QAM	20300	100RB#0	-38.81,-34.61	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	-50.88,-26.02	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	-51.67,-39.50	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	-45.35,-31.84	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	-40.29,-51.96	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	-26.21,-50.16	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-29.39,-41.80	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	-50.77,-31.38	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	-51.44,-42.21	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-44.48,-33.24	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	-40.28,-51.86	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	-30.76,-50.65	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-32.58,-41.83	PASS
Band5	10MHz	QPSK	20450	1RB#0	-48.91,-31.51	PASS
Band5	10MHz	QPSK	20450	1RB#49	-49.67,-56.91	PASS
Band5	10MHz	QPSK	20450	50RB#0	-42.45,-33.80	PASS
Band5	10MHz	QPSK	20600	1RB#0	-58.08,-40.96	PASS
Band5	10MHz	QPSK	20600	1RB#49	-32.20,-48.79	PASS
Band5	10MHz	QPSK	20600	50RB#0	-33.16,-40.35	PASS
Band5	10MHz	16QAM	20450	1RB#0	-49.91,-35.31	PASS
Band5	10MHz	16QAM	20450	1RB#49	-50.33,-57.73	PASS
Band5	10MHz	16QAM	20450	50RB#0	-42.21,-35.34	PASS
Band5	10MHz	16QAM	20600	1RB#0	-58.39,-42.82	PASS
Band5	10MHz	16QAM	20600	1RB#49	-31.72,-49.16	PASS
Band5	10MHz	16QAM	20600	50RB#0	-35.73,-42.92	PASS
Band7	5MHz	QPSK	20775	1RB#0	-43.70,-34.66,-34.56,-28.21	PASS
Band7	5MHz	QPSK	20775	1RB#24	-44.28,-31.30,-31.16,-53.16	PASS
Band7	5MHz	QPSK	20775	25RB#0	-40.58,-36.01,-31.31,-33.55	PASS
Band7	5MHz	QPSK	21425	1RB#0	-53.19,-29.46,-43.35,-44.10	PASS
Band7	5MHz	QPSK	21425	1RB#24	-26.01,-36.07,-43.33,-41.68	PASS
Band7	5MHz	QPSK	21425	25RB#0	-32.41,-29.96,-37.19,-39.40	PASS

Band7	5MHz	16QAM	20775	1RB#0	-44.11,-35.89,-35.66,-25.97	PASS
Band7	5MHz	16QAM	20775	1RB#24	-44.47,-32.28,-32.03,-53.67	PASS
Band7	5MHz	16QAM	20775	25RB#0	-41.25,-37.48,-31.11,-34.72	PASS
Band7	5MHz	16QAM	21425	1RB#0	-53.58,-30.96,-43.36,-44.17	PASS
Band7	5MHz	16QAM	21425	1RB#24	-27.23,-36.97,-43.41,-42.62	PASS
Band7	5MHz	16QAM	21425	25RB#0	-34.32,-30.95,-38.59,-40.14	PASS
Band7	20MHz	QPSK	20850	1RB#0	-42.66,-41.25,-39.97	PASS
Band7	20MHz	QPSK	20850	1RB#99	-43.46,-42.92,-57.56	PASS
Band7	20MHz	QPSK	20850	100RB#0	-38.88,-37.09,-35.68,-38.86	PASS
Band7	20MHz	QPSK	21350	1RB#0	-56.93,-42.44,-33.21,-44.58	PASS
Band7	20MHz	QPSK	21350	1RB#99	-39.56,-41.06,-42.30,-44.63	PASS
Band7	20MHz	QPSK	21350	100RB#0	-36.46,-33.38,-34.26,-41.65	PASS
Band7	20MHz	16QAM	20850	1RB#0	-42.92,-41.55,-39.01	PASS
Band7	20MHz	16QAM	20850	1RB#99	-43.35,-43.00,-57.22	PASS
Band7	20MHz	16QAM	20850	100RB#0	-39.41,-37.71,-36.53,-39.92	PASS
Band7	20MHz	16QAM	21350	1RB#0	-57.36,-42.61,-34.72,-44.63	PASS
Band7	20MHz	16QAM	21350	1RB#99	-39.92,-41.36,-42.67,-44.65	PASS
Band7	20MHz	16QAM	21350	100RB#0	-38.16,-34.96,-35.57,-42.77	PASS
Band41	5MHz	QPSK	40065	1RB#0	-43.65,-44.02,-39.96,-31.37	PASS
Band41	5MHz	QPSK	40065	1RB#24	-44.46,-44.10,-33.17,-56.91	PASS
Band41	5MHz	QPSK	40065	25RB#0	-43.38,-42.82,-31.99,-36.65	PASS
Band41	5MHz	QPSK	41215	1RB#0	-55.67,-31.99,-43.15,-43.38	PASS
Band41	5MHz	QPSK	41215	1RB#24	-31.82,-40.65,-43.09,-42.89	PASS
Band41	5MHz	QPSK	41215	25RB#0	-39.05,-33.22,-41.38,-42.12	PASS
Band41	5MHz	16QAM	40065	1RB#0	-43.91,-44.06,-40.91,-30.21	PASS
Band41	5MHz	16QAM	40065	1RB#24	-44.46,-44.16,-34.07,-56.89	PASS
Band41	5MHz	16QAM	40065	25RB#0	-43.38,-42.63,-32.09,-37.42	PASS
Band41	5MHz	16QAM	41215	1RB#0	-56.45,-34.22,-43.23,-43.37	PASS
Band41	5MHz	16QAM	41215	1RB#24	-32.14,-40.93,-43.11,-43.05	PASS
Band41	5MHz	16QAM	41215	25RB#0	-39.26,-33.15,-41.43,-42.07	PASS
Band41	20MHz	QPSK	40140	1RB#0	-44.65,-43.68,-43.22,-41.36	PASS
Band41	20MHz	QPSK	40140	1RB#99	-44.69,-38.56,-43.62,-59.85	PASS
Band41	20MHz	QPSK	40140	100RB#0	-44.51,-39.04,-36.70,-41.14	PASS
Band41	20MHz	QPSK	41140	1RB#0	-59.66,-43.16,-37.06,-43.97	PASS
Band41	20MHz	QPSK	41140	1RB#99	-42.50,-42.70,-42.96,-43.98	PASS
Band41	20MHz	QPSK	41140	100RB#0	-42.51,-38.19,-40.20,-43.66	PASS
Band41	20MHz	16QAM	40140	1RB#0	-44.69,-43.80,-43.22,-41.30	PASS
Band41	20MHz	16QAM	40140	1RB#99	-44.70,-40.28,-43.67,-59.82	PASS
Band41	20MHz	16QAM	40140	100RB#0	-44.49,-39.00,-37.24,-41.53	PASS
Band41	20MHz	16QAM	41140	1RB#0	-58.61,-43.21,-38.81,-43.97	PASS
Band41	20MHz	16QAM	41140	1RB#99	-43.41,-42.82,-43.19,-43.94	PASS
Band41	20MHz	16QAM	41140	100RB#0	-43.48,-38.06,-40.02,-43.73	PASS

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

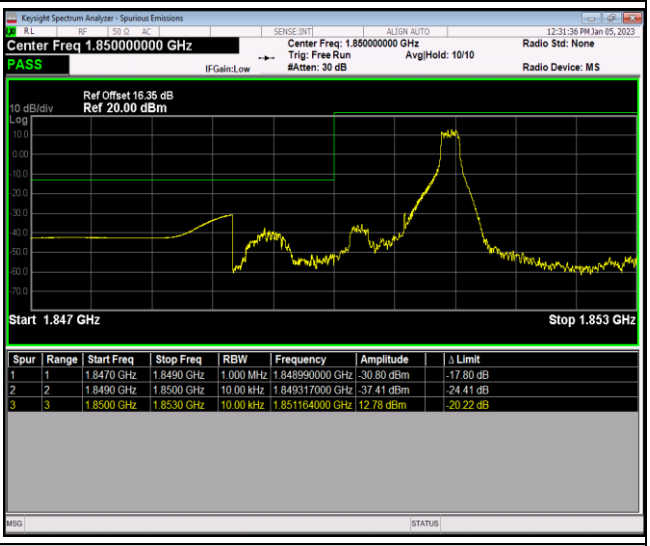
Test Graphs

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



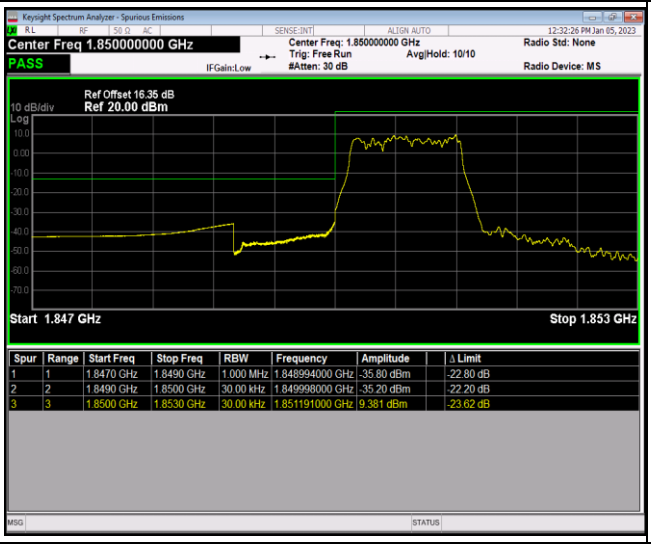
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	1.8470 GHz	1.8490 GHz	1.000 MHz	1.848988000 GHz	-39.32 dBm	-26.32 dB
2	2	1.8490 GHz	1.8500 GHz	10.00 kHz	1.849996000 GHz	-26.72 dBm	-13.72 dB
3	3	1.8500 GHz	1.8530 GHz	10.00 kHz	1.850276000 GHz	13.07 dBm	-19.93 dB

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



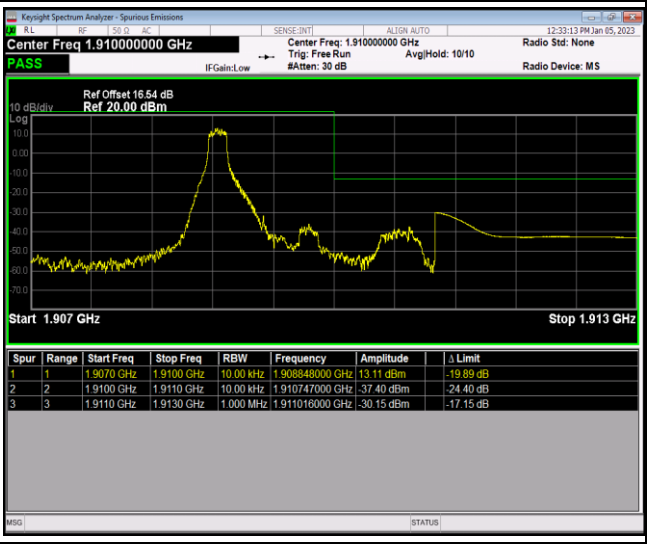
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	1.8470 GHz	1.8490 GHz	1.000 MHz	1.848990000 GHz	-30.80 dBm	-17.80 dB
2	2	1.8490 GHz	1.8500 GHz	10.00 kHz	1.849317000 GHz	-37.41 dBm	-24.41 dB
3	3	1.8500 GHz	1.8530 GHz	10.00 kHz	1.851164000 GHz	12.78 dBm	-20.22 dB

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



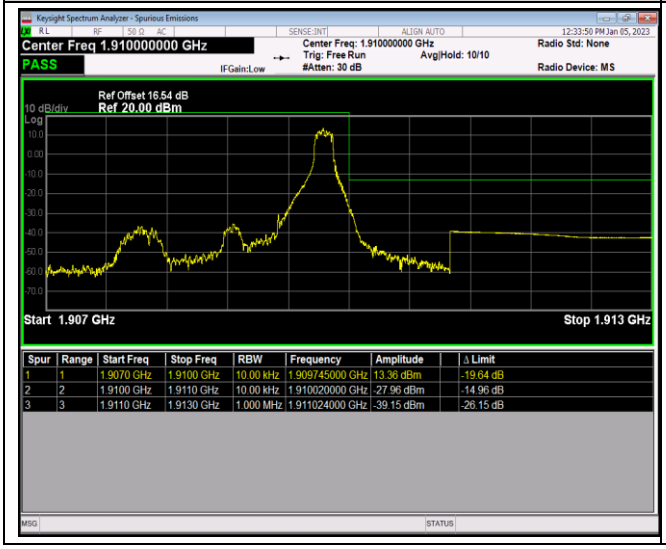
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	1.8470 GHz	1.8490 GHz	1.000 MHz	1.848994000 GHz	-35.80 dBm	-22.80 dB
2	2	1.8490 GHz	1.8500 GHz	30.00 kHz	1.849998000 GHz	-35.20 dBm	-22.20 dB
3	3	1.8500 GHz	1.8530 GHz	30.00 kHz	1.851191000 GHz	9.381 dBm	-23.62 dB

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



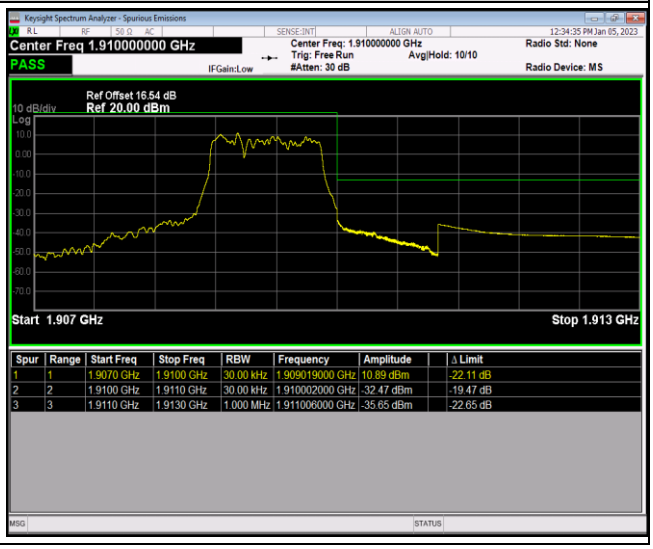
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	1.9070 GHz	1.9100 GHz	10.00 kHz	1.908848000 GHz	13.11 dBm	-19.89 dB
2	2	1.9100 GHz	1.9110 GHz	10.00 kHz	1.910747000 GHz	-37.40 dBm	-24.40 dB
3	3	1.9110 GHz	1.9130 GHz	1.000 MHz	1.911016000 GHz	-30.15 dBm	-17.15 dB

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



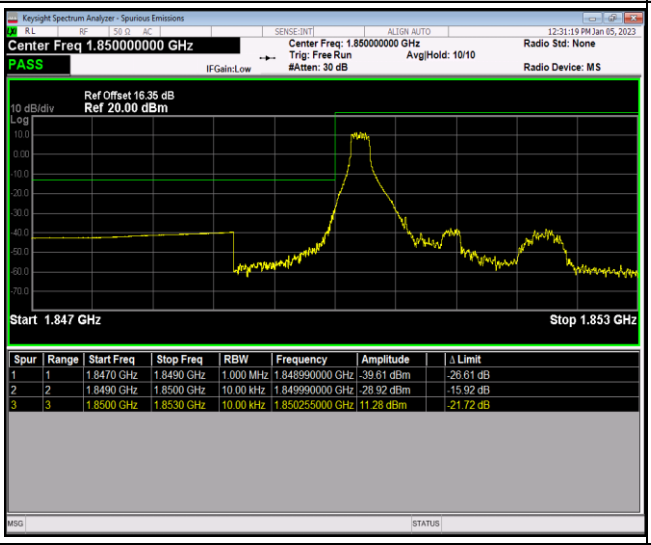
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	1.9070 GHz	1.9100 GHz	10.00 kHz	1.909745000 GHz	13.36 dBm	-19.64 dB
2	2	1.9100 GHz	1.9110 GHz	10.00 kHz	1.910020000 GHz	-27.96 dBm	-14.96 dB
3	3	1.9110 GHz	1.9130 GHz	1.000 MHz	1.911024000 GHz	-39.15 dBm	-26.15 dB

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

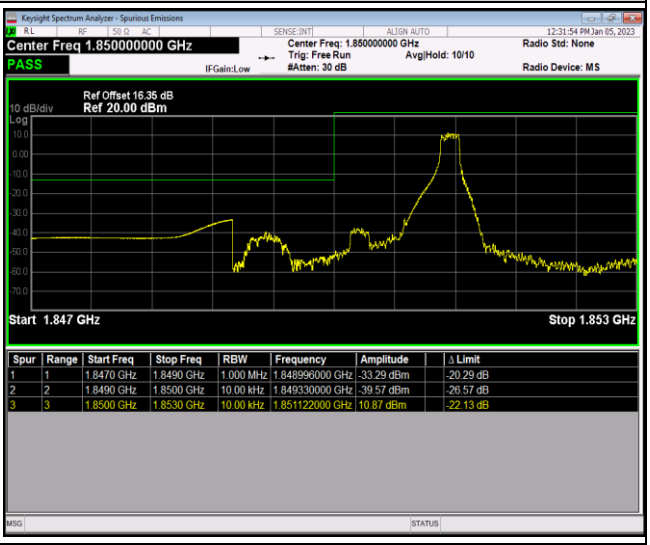


Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	1.9070 GHz	1.9100 GHz	30.00 kHz	1.909019000 GHz	10.89 dBm	-22.11 dB
2	2	1.9100 GHz	1.9110 GHz	30.00 kHz	1.910002000 GHz	-32.47 dBm	-19.47 dB
3	3	1.9110 GHz	1.9130 GHz	1.000 MHz	1.911006000 GHz	-35.65 dBm	-22.65 dB

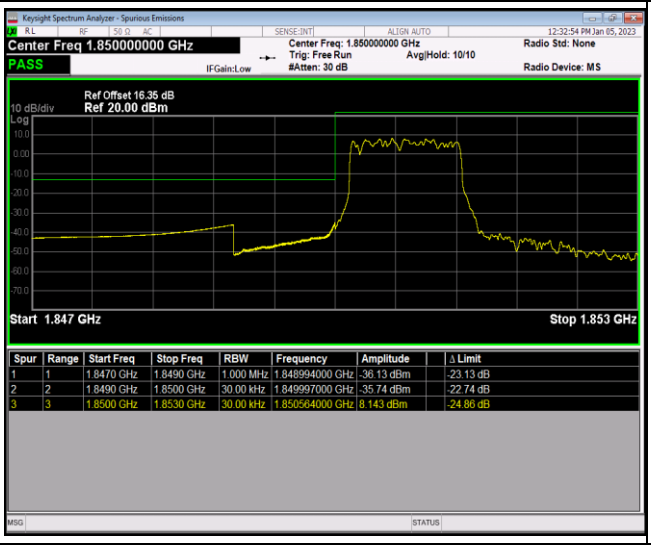
Band2-1.4MHz-16QAM-18607-1RB#0



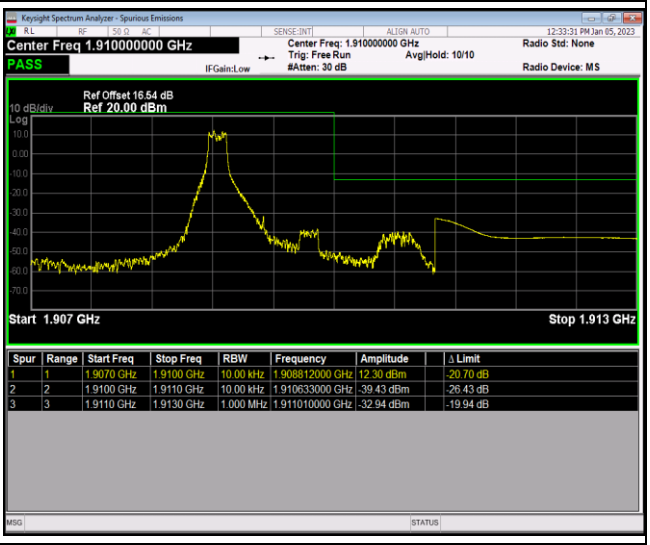
Band2-1.4MHz-16QAM-18607-1RB#5



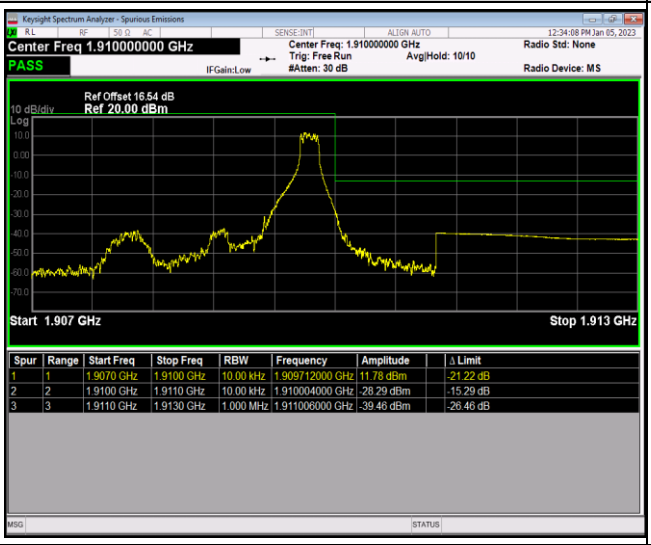
Band2-1.4MHz-16QAM-18607-6RB#0



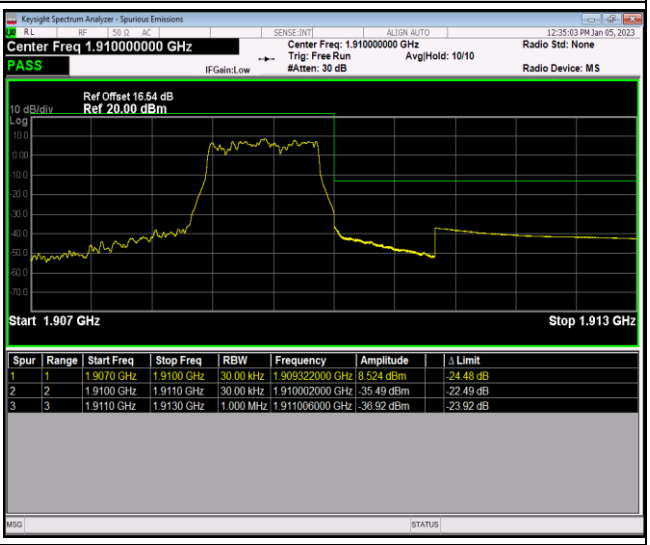
Band2-1.4MHz-16QAM-19193-1RB#0



Band2-1.4MHz-16QAM-19193-1RB#5

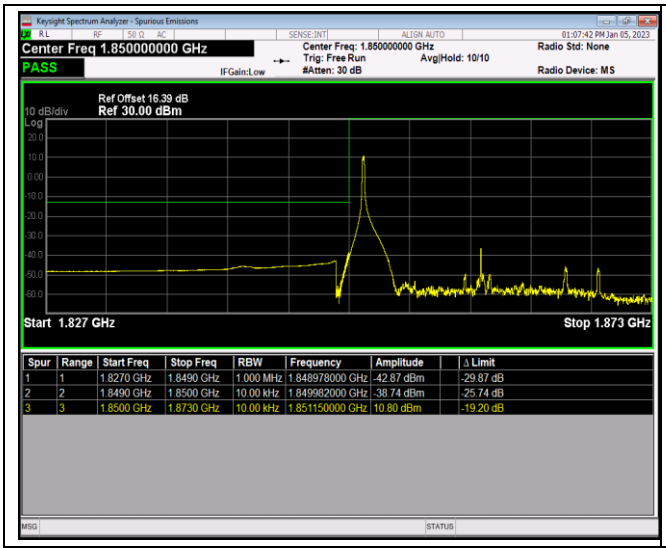


Band2-1.4MHz-16QAM-19193-6RB#0

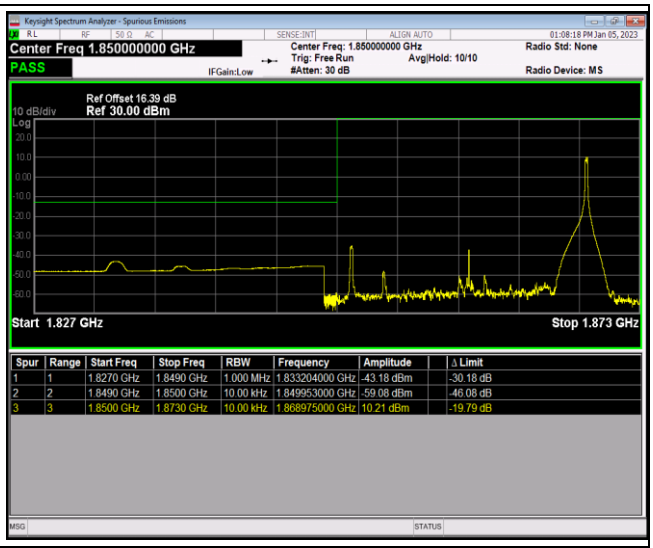


Band2-20MHz-QPSK-18700-1RB#0

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



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



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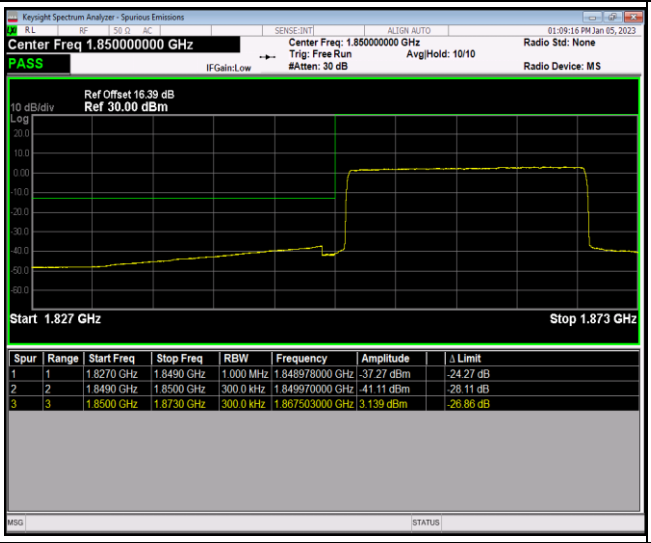

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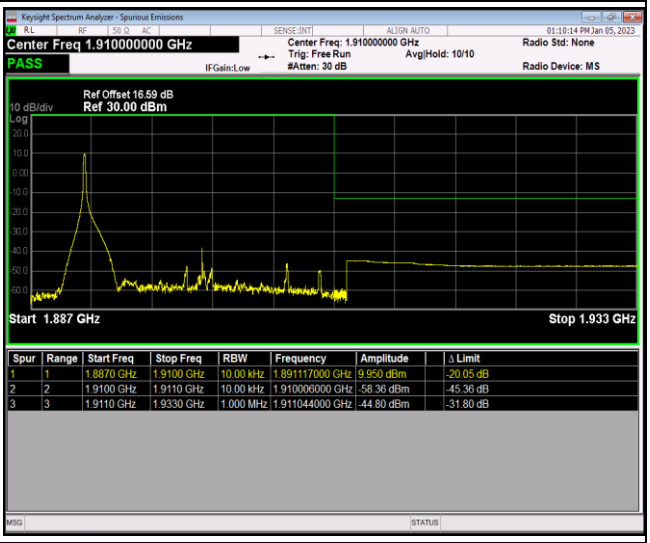

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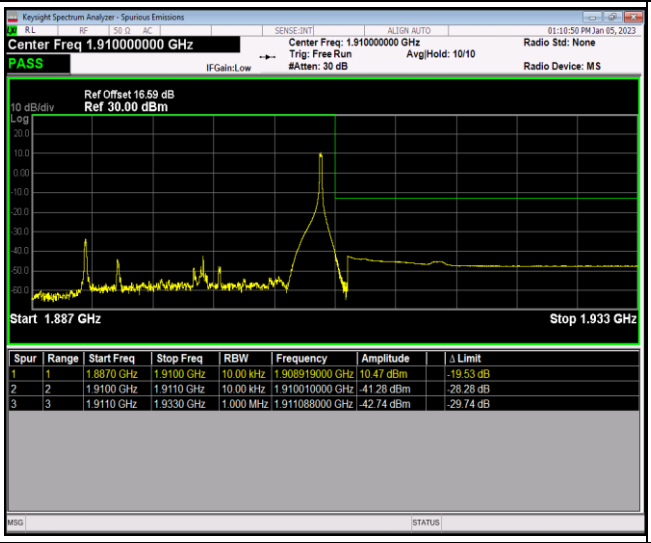

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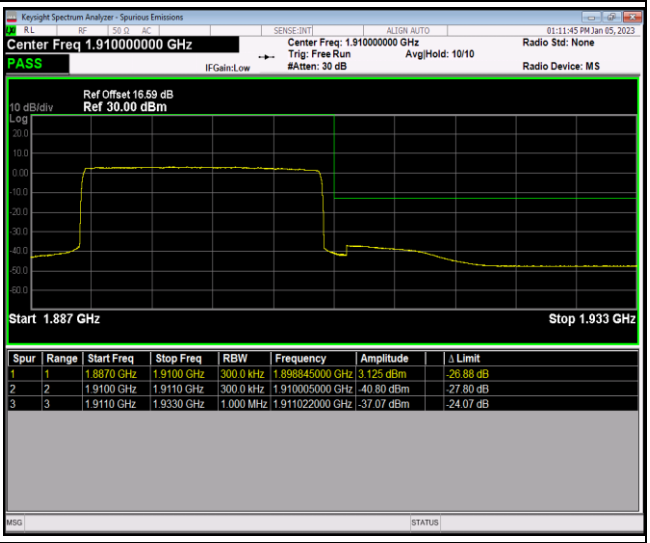

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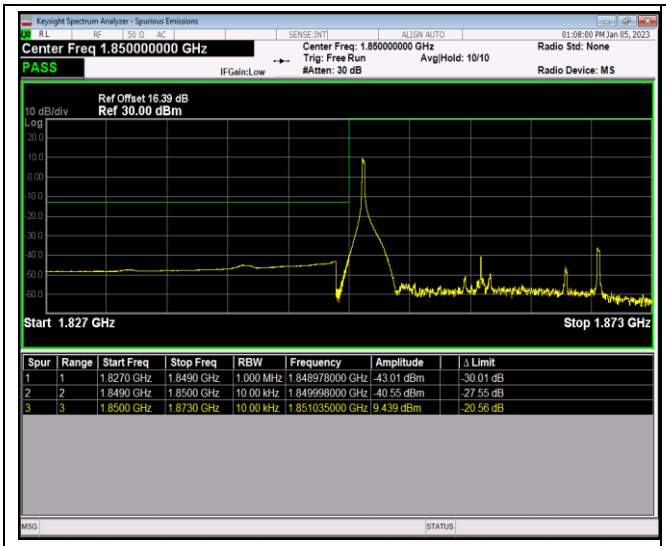

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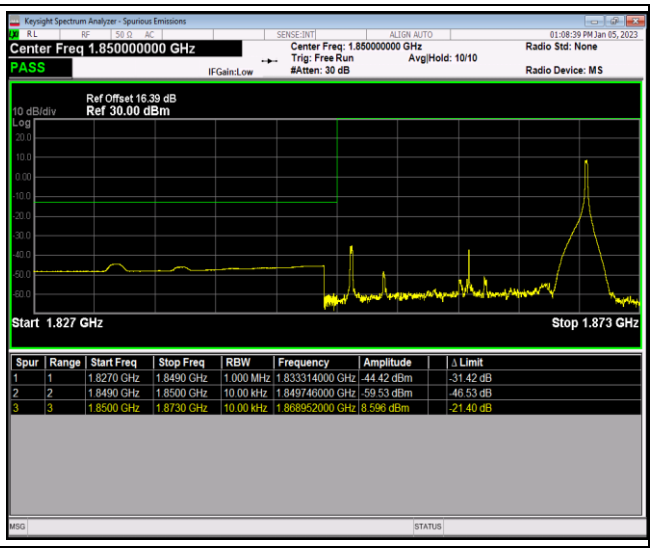

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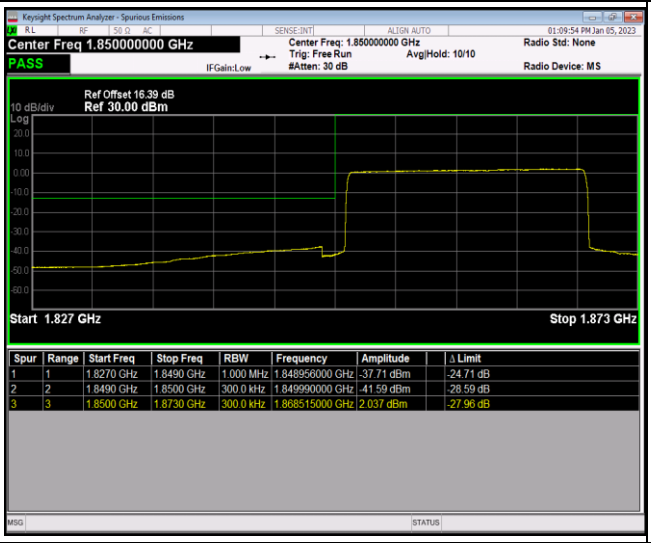

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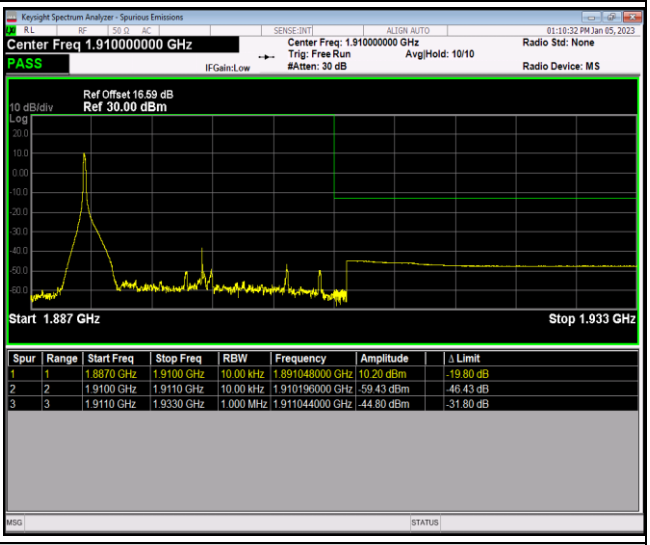

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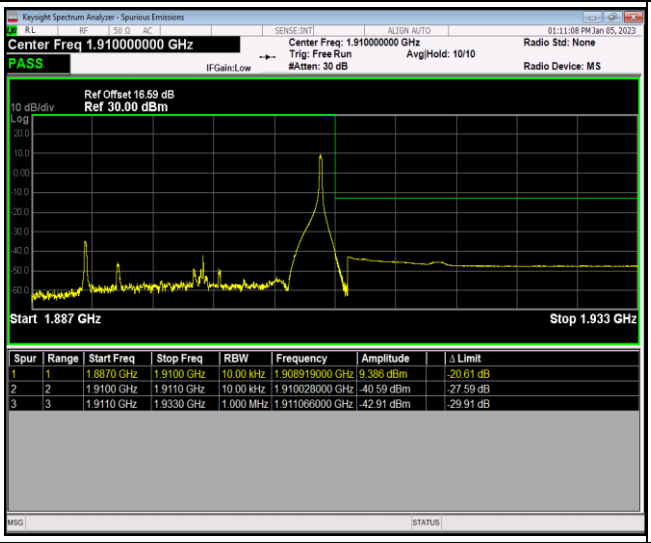

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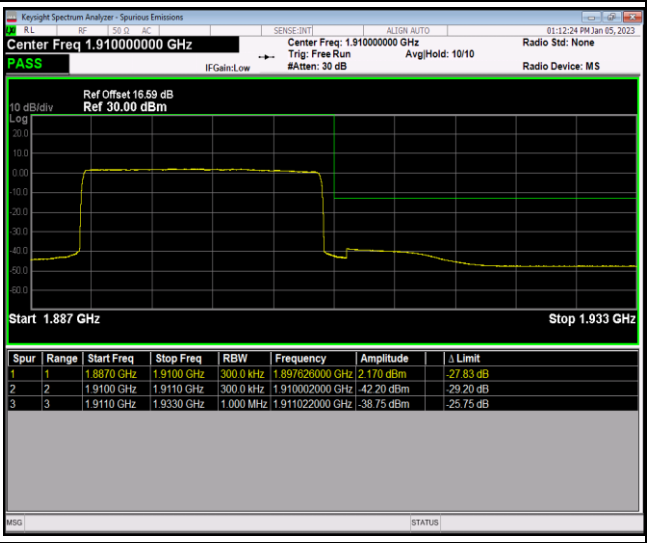

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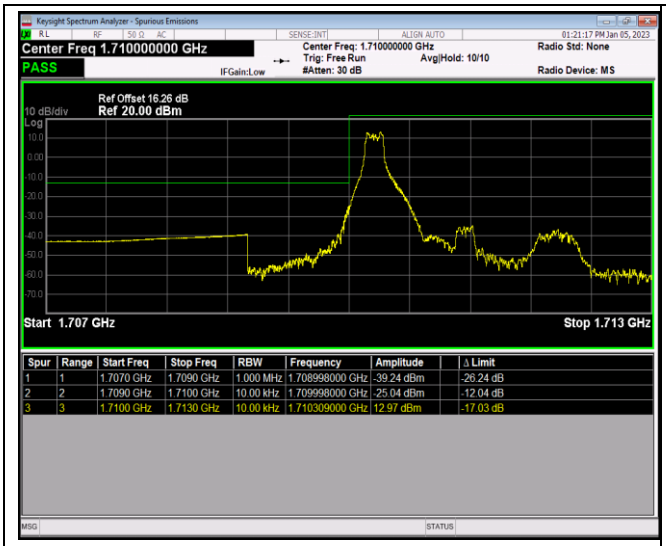

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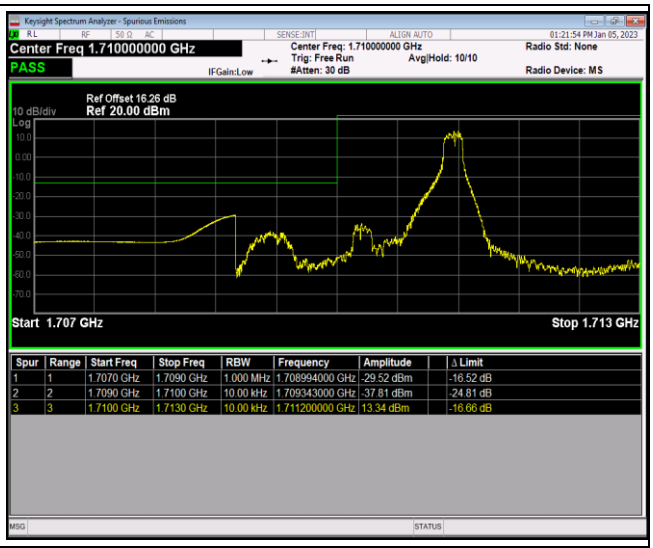

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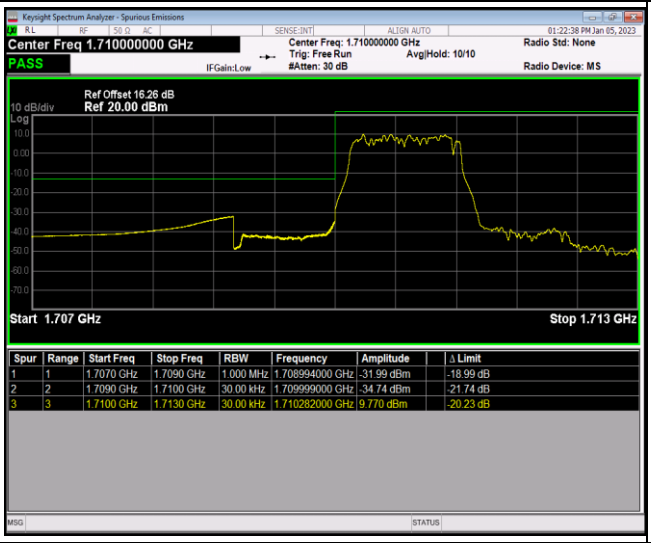

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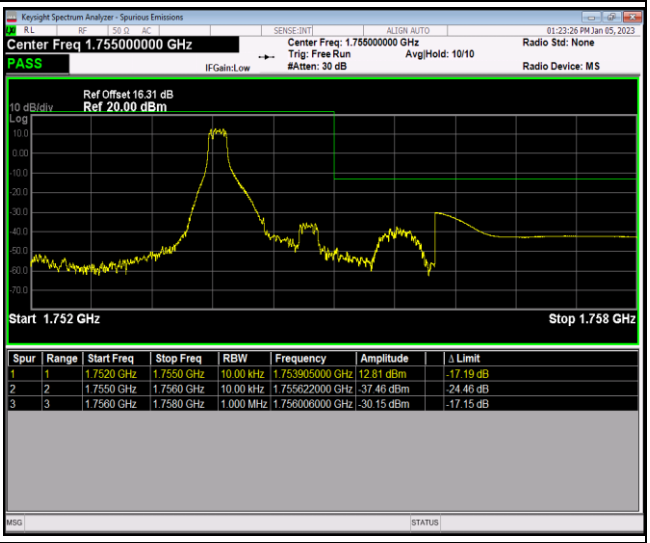

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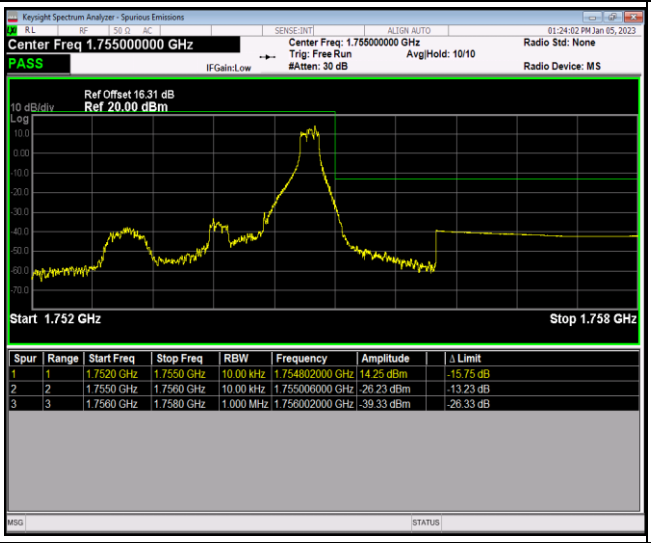

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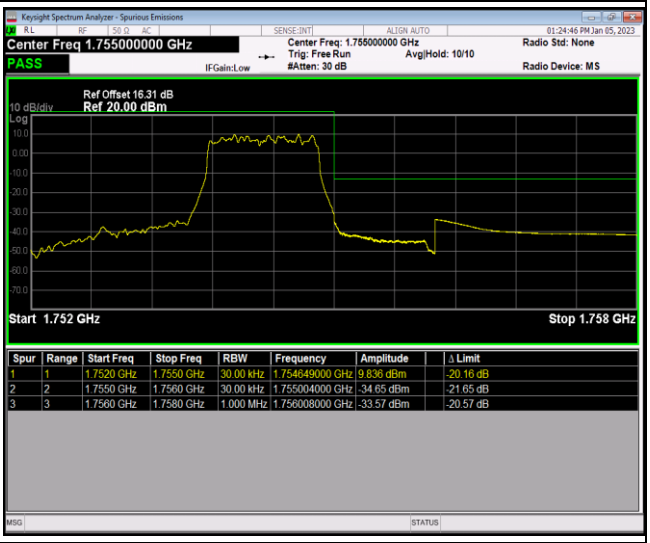

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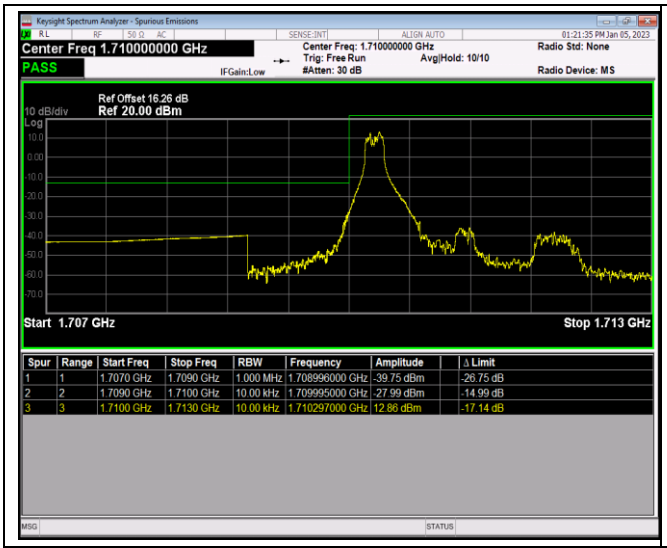

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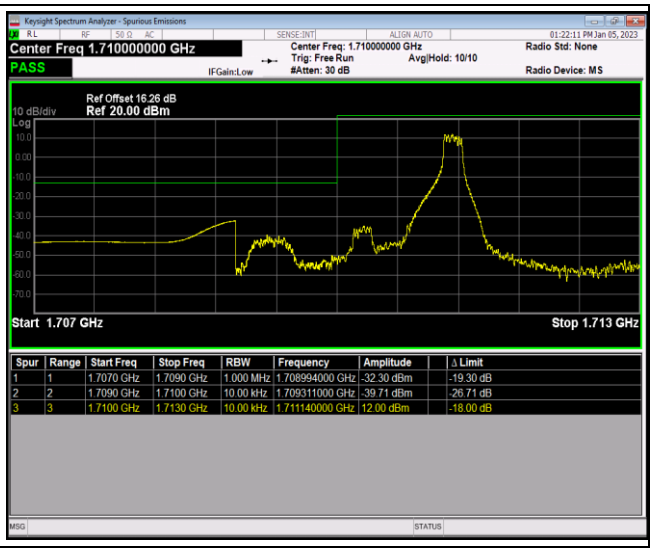

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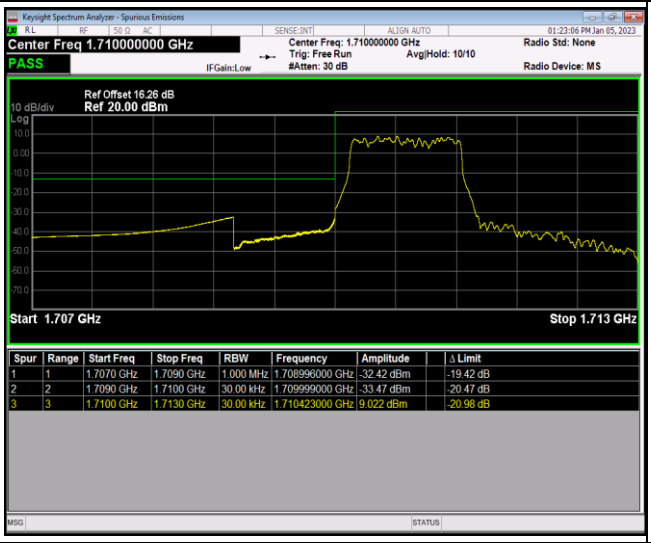

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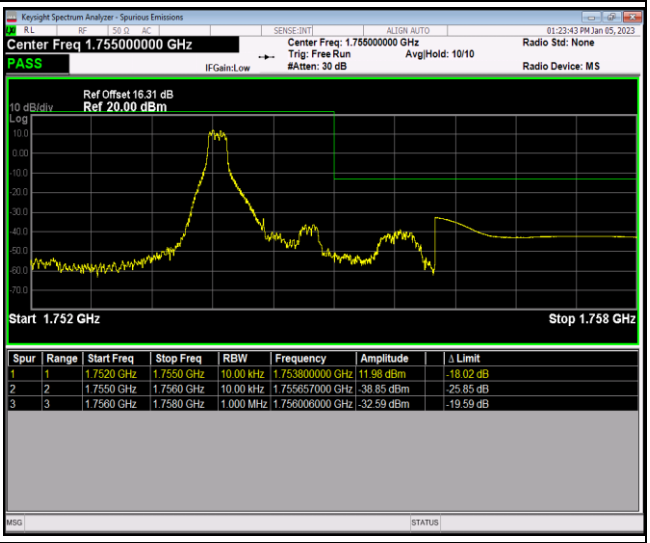

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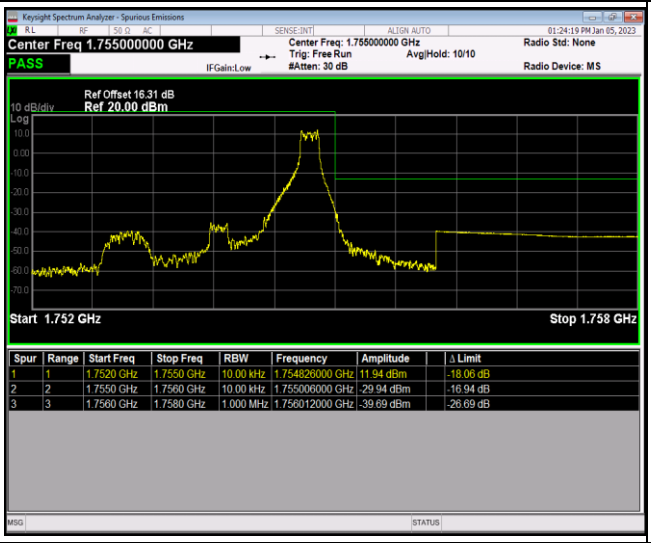
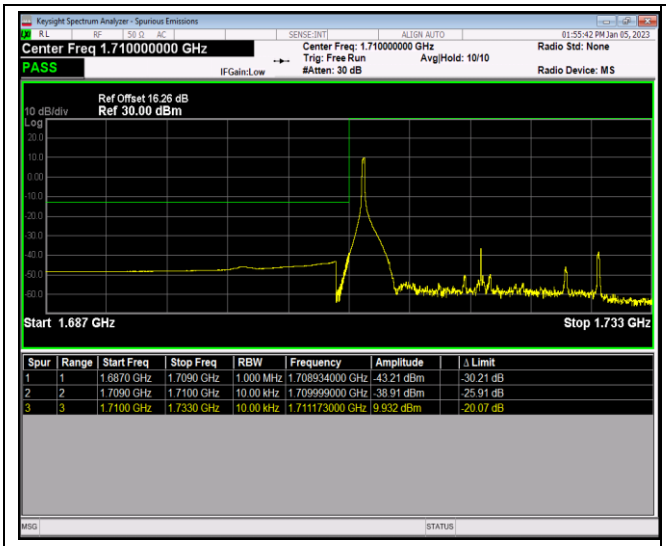


Band4-20MHz-QPSK-20050-1RB#0

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



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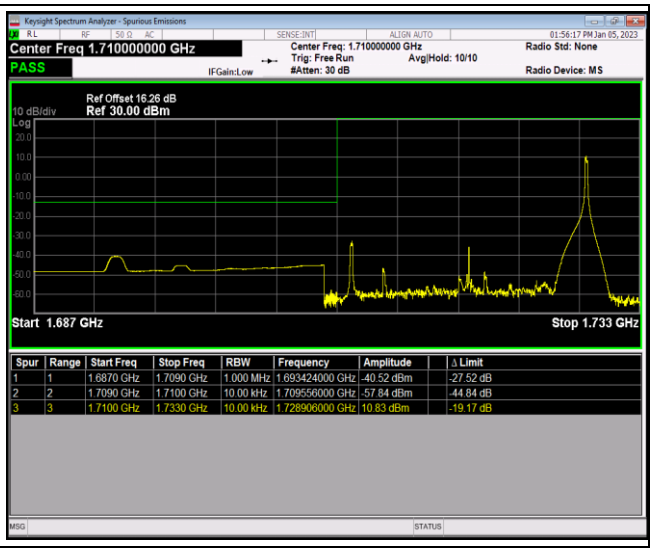

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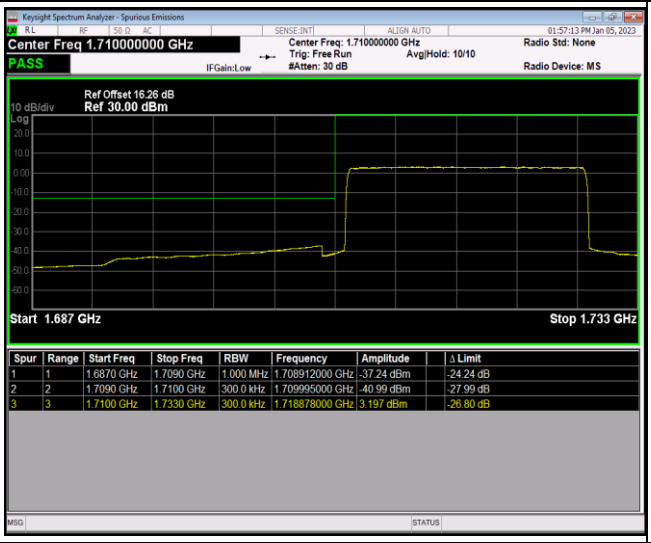

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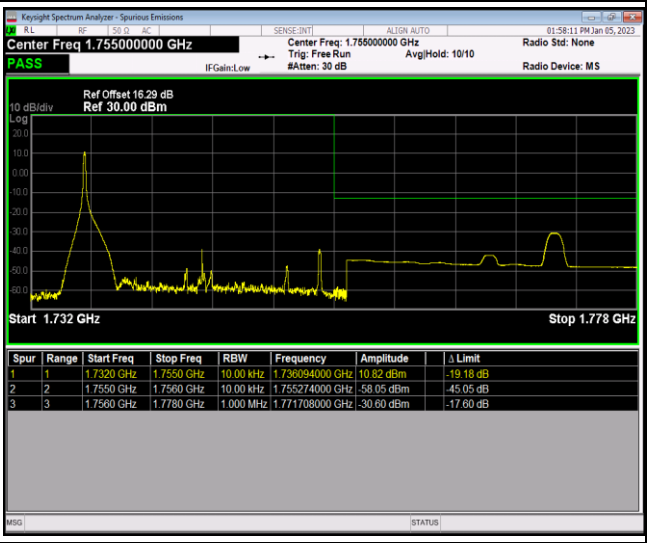

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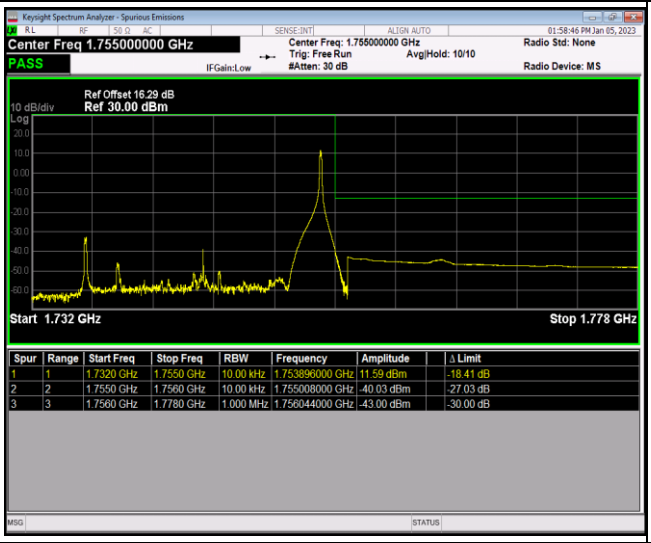

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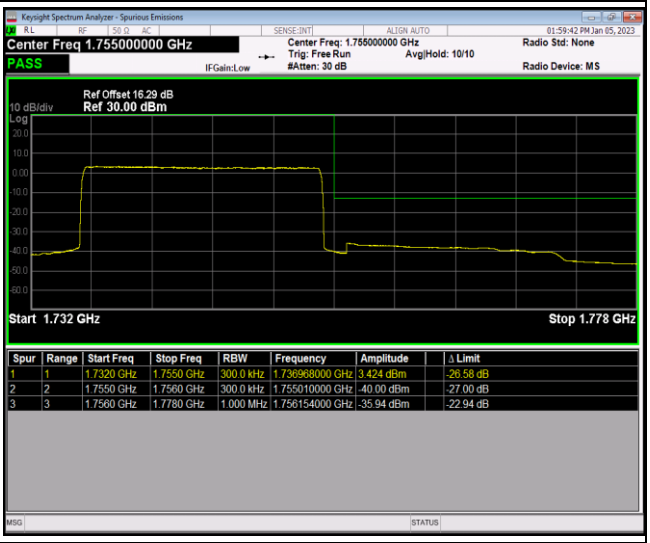

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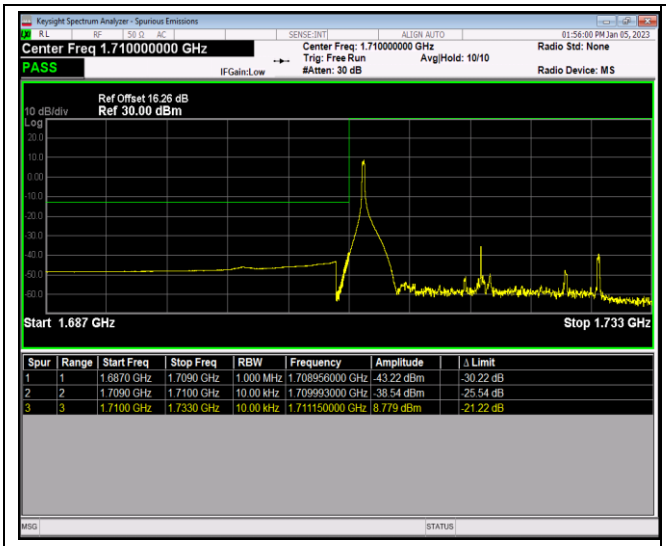

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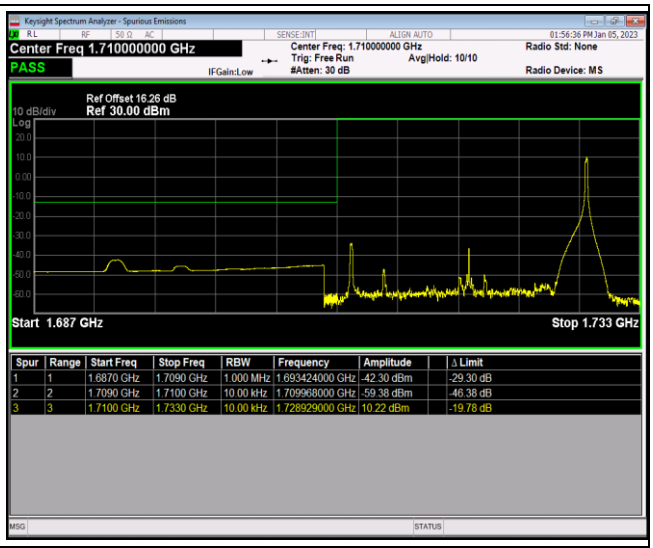

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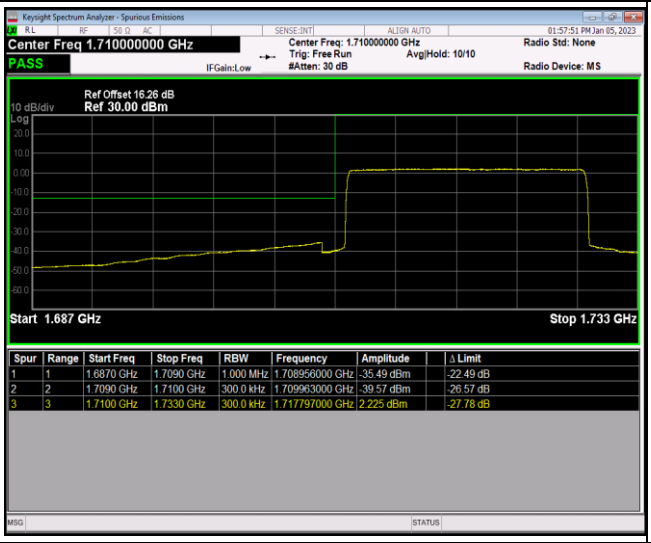

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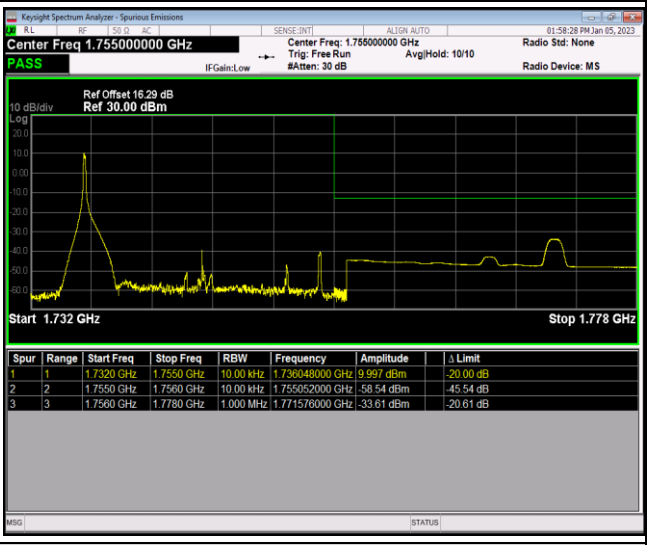

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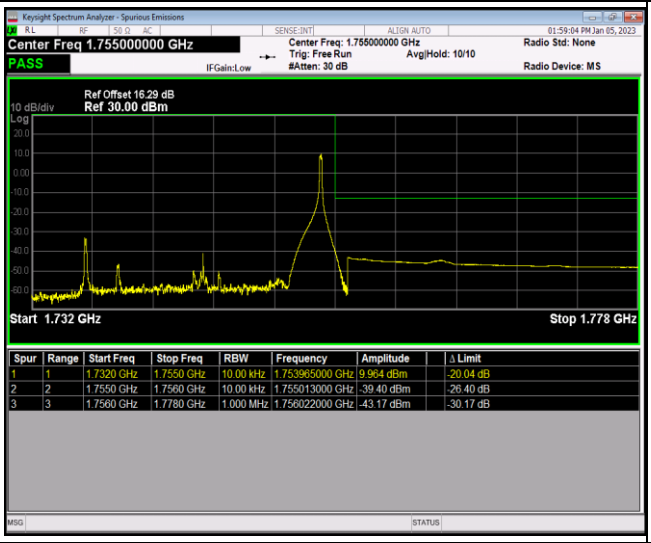

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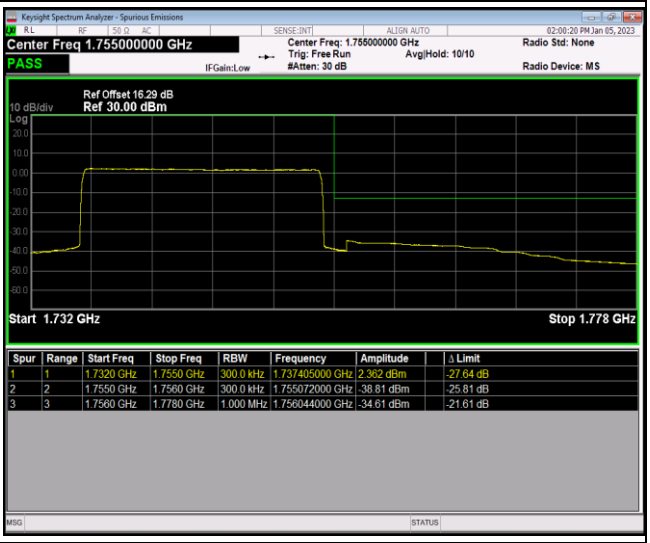

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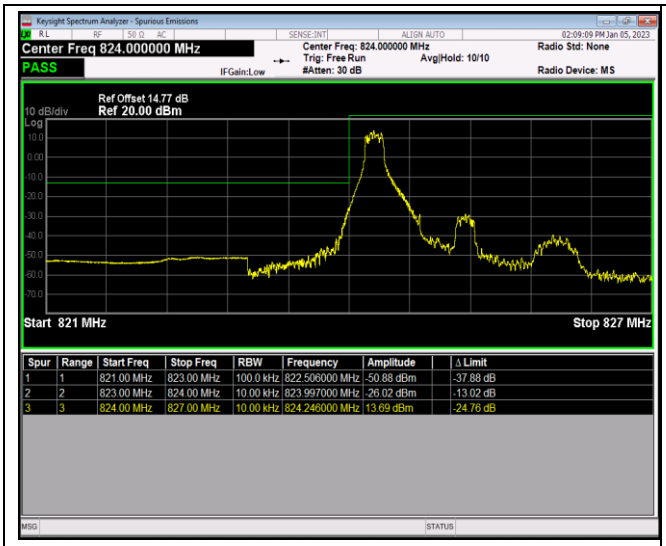

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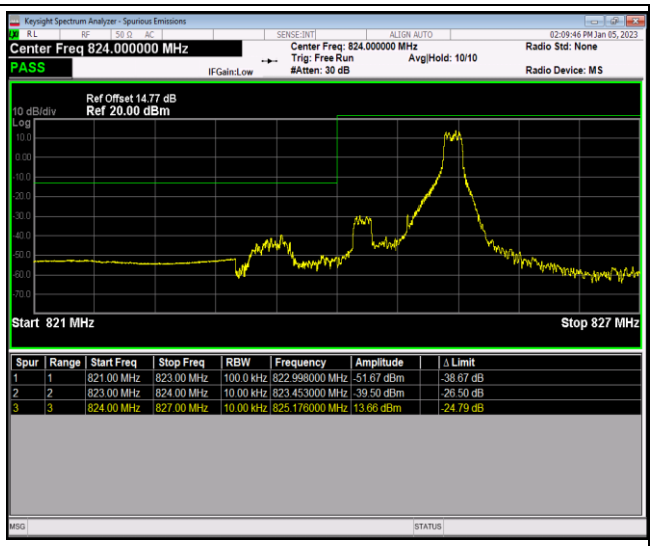

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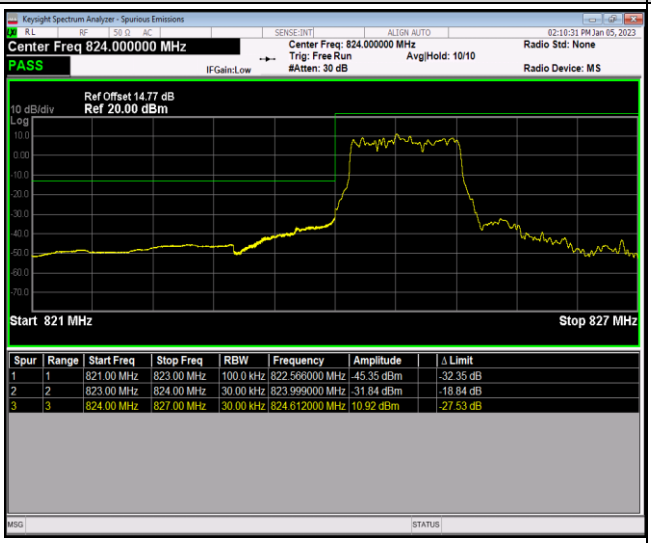

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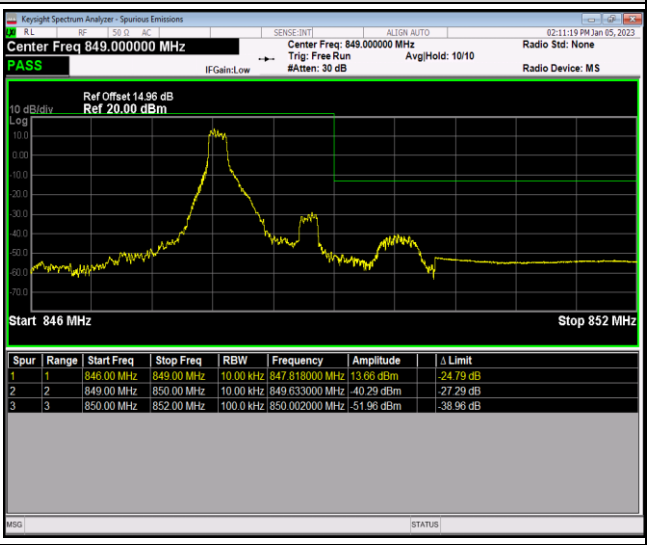

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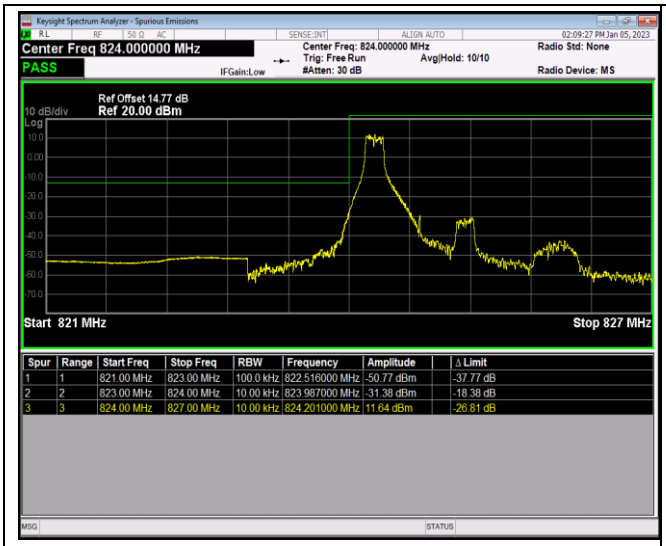
Band5-1.4MHz-16QAM-20407-1RB#0

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



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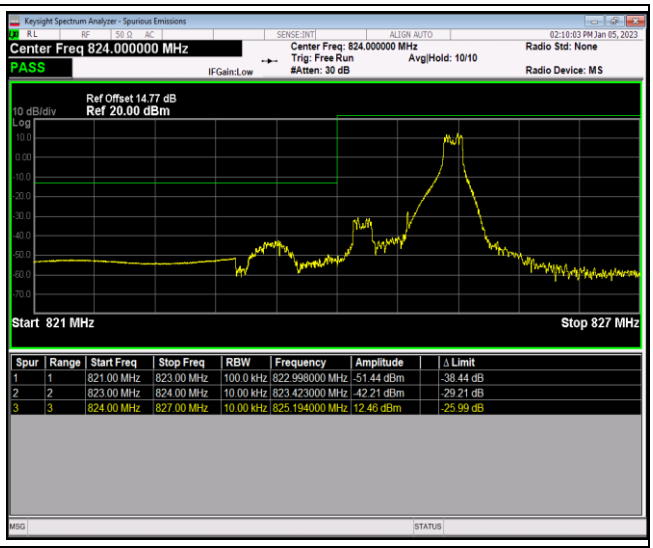

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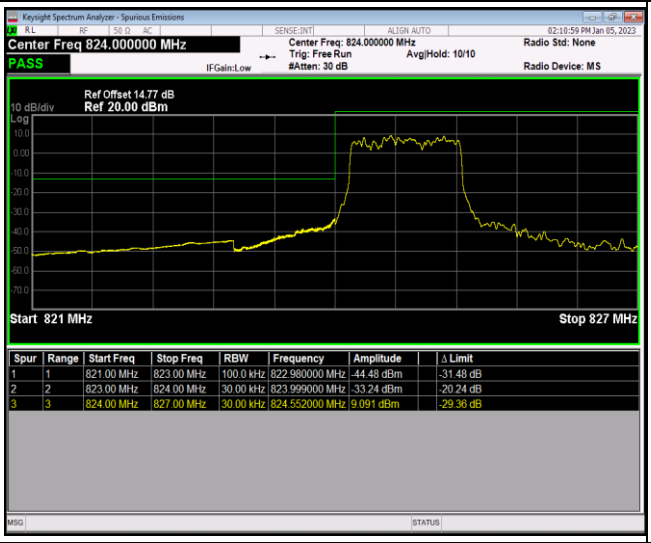

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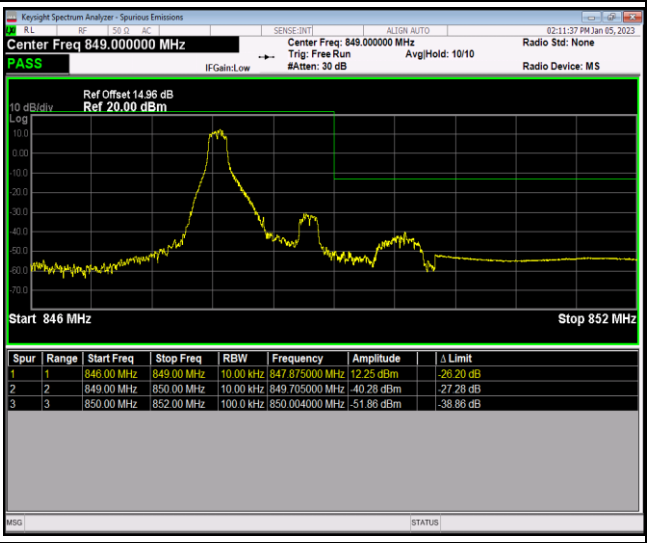

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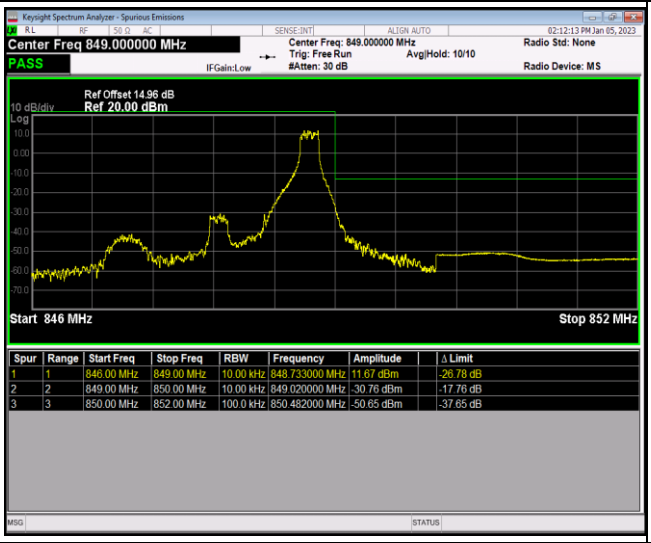
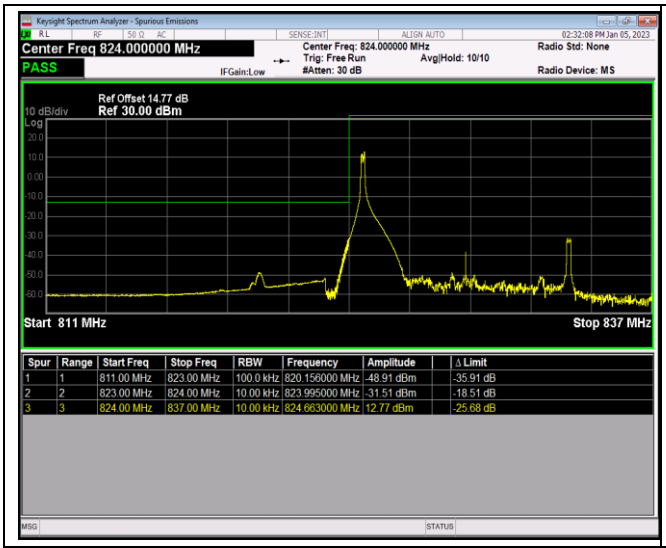


Band5-10MHz-QPSK-20450-1RB#0

Band5-10MHz-QPSK-20450-1RB#49



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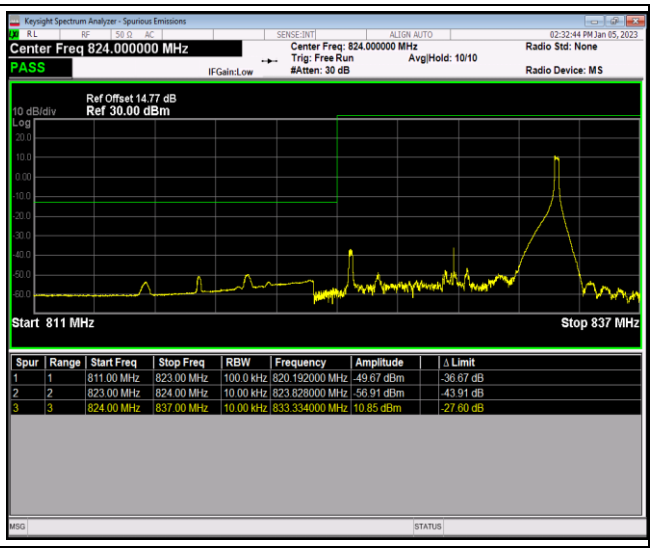

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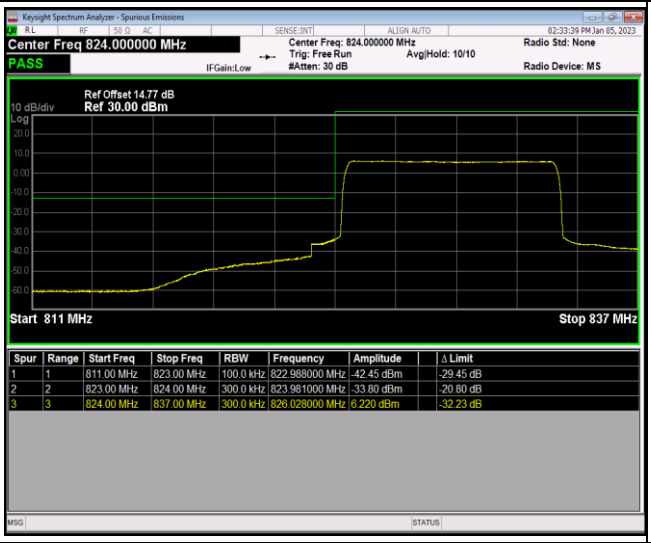

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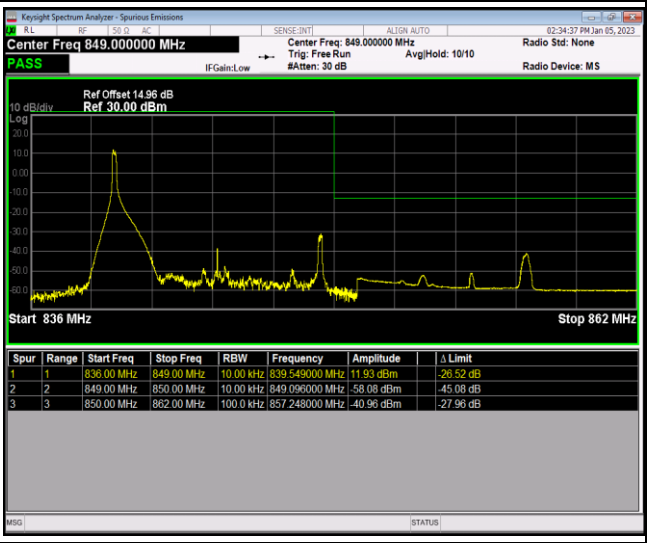

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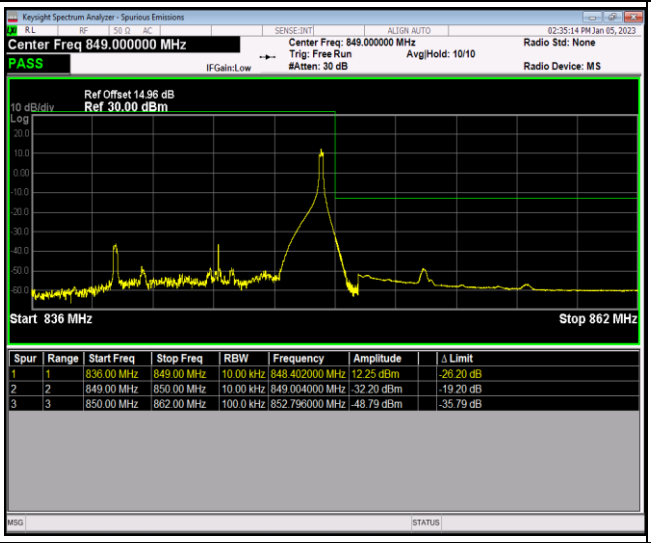

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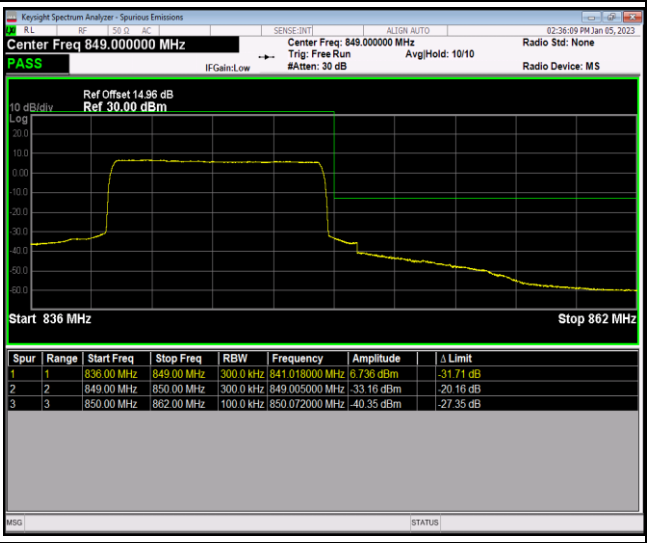

Band5-10MHz-16QAM-20450-1RB#49