

Appendix D: Band Edge

Test Result (worst case)

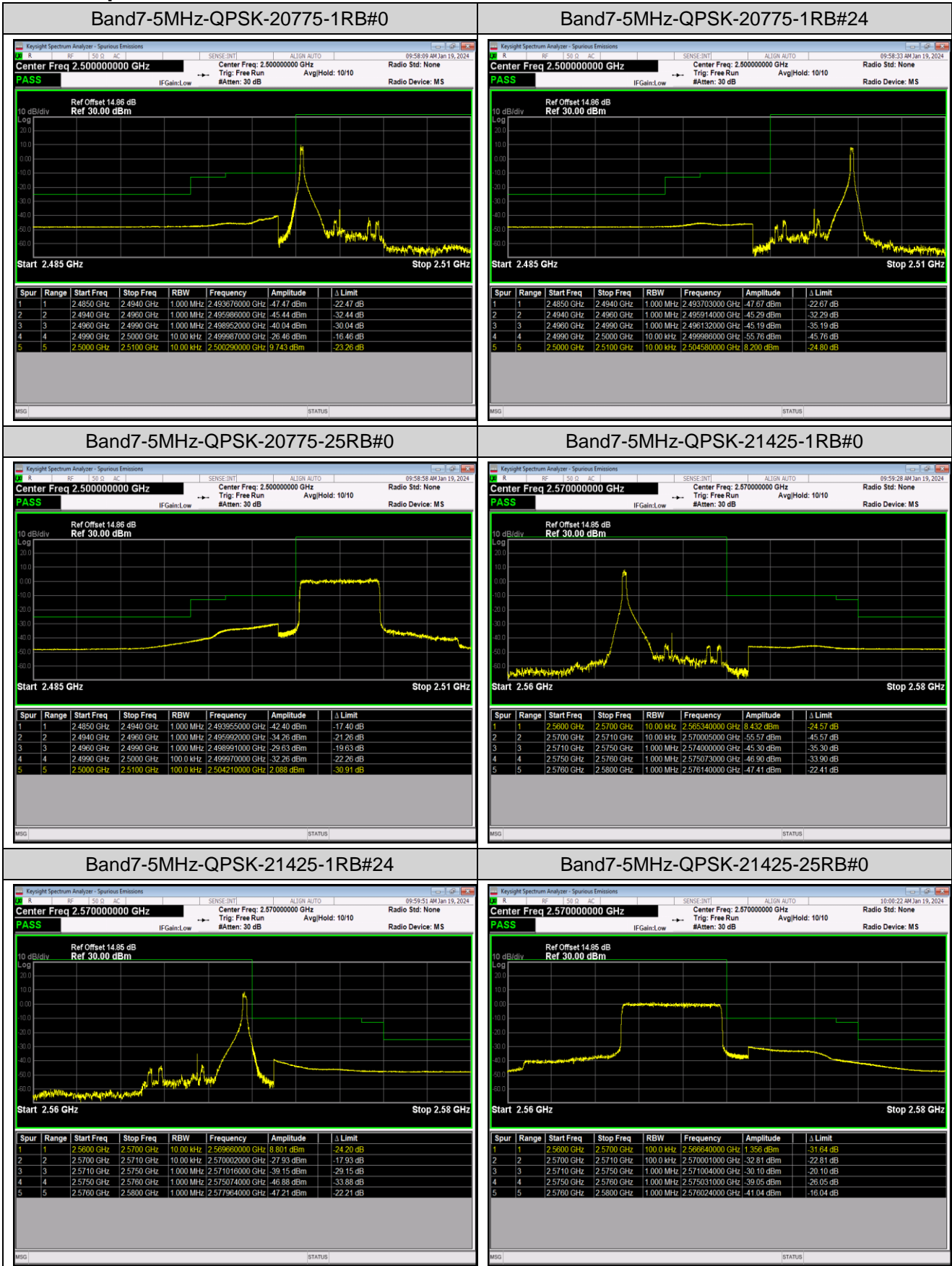
Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	-47.47,-45.44,-40.04,-26.46	PASS
Band7	5MHz	QPSK	20775	1RB#24	-47.67,-45.29,-45.19,-55.76	PASS
Band7	5MHz	QPSK	20775	25RB#0	-42.40,-34.26,-29.63,-32.26	PASS
Band7	5MHz	QPSK	21425	1RB#0	-55.57,-45.30,-46.90,-47.41	PASS
Band7	5MHz	QPSK	21425	1RB#24	-27.93,-39.15,-46.88,-47.21	PASS
Band7	5MHz	QPSK	21425	25RB#0	-32.81,-30.10,-39.05,-41.04	PASS
Band7	5MHz	16QAM	20775	1RB#0	-47.62,-46.21,-40.89,-30.21	PASS
Band7	5MHz	16QAM	20775	1RB#24	-47.70,-45.03,-45.03,-57.43	PASS
Band7	5MHz	16QAM	20775	25RB#0	-43.35,-37.48,-31.16,-35.48	PASS
Band7	5MHz	16QAM	21425	1RB#0	-57.69,-44.97,-47.00,-47.41	PASS
Band7	5MHz	16QAM	21425	1RB#24	-29.13,-41.40,-47.02,-47.35	PASS
Band7	5MHz	16QAM	21425	25RB#0	-36.00,-31.87,-39.80,-42.68	PASS
Band7	5MHz	64QAM	20775	1RB#0	-44.98,-39.89,-33.04,-41.27	PASS
Band7	5MHz	64QAM	20775	1RB#24	-47.72,-45.60,-45.48,-57.79	PASS
Band7	5MHz	64QAM	20775	25RB#0	-45.07,-39.95,-32.88,-37.41	PASS
Band7	5MHz	64QAM	21425	1RB#0	-43.09,-33.11,-42.46,-44.54	PASS
Band7	5MHz	64QAM	21425	1RB#24	-32.35,-41.53,-46.98,-47.36	PASS
Band7	5MHz	64QAM	21425	25RB#0	-38.54,-33.22,-42.37,-44.62	PASS
Band7	20MHz	QPSK	20850	1RB#0	-46.12,-44.30,-43.74	PASS
Band7	20MHz	QPSK	20850	1RB#99	-47.33,-47.24,-60.43	PASS
Band7	20MHz	QPSK	20850	100RB#0	-40.34,-37.66,-36.15,-39.90	PASS
Band7	20MHz	QPSK	21350	1RB#0	-61.39,-47.06,-47.25,-47.74	PASS
Band7	20MHz	QPSK	21350	1RB#99	-42.28,-44.25,-46.22,-47.79	PASS
Band7	20MHz	QPSK	21350	100RB#0	-39.47,-36.27,-37.29,-45.21	PASS
Band7	20MHz	16QAM	20850	1RB#0	-46.46,-44.45,-41.94	PASS
Band7	20MHz	16QAM	20850	1RB#99	-47.44,-47.15,-60.58	PASS
Band7	20MHz	16QAM	20850	100RB#0	-41.95,-39.15,-37.68,-41.02	PASS
Band7	20MHz	16QAM	21350	1RB#0	-61.27,-47.07,-47.31,-47.77	PASS
Band7	20MHz	16QAM	21350	1RB#99	-41.38,-44.13,-46.66,-47.76	PASS
Band7	20MHz	16QAM	21350	100RB#0	-40.70,-37.35,-38.78,-45.52	PASS
Band7	20MHz	64QAM	20850	1RB#0	-40.38,-38.65,-52.63	PASS
Band7	20MHz	64QAM	20850	1RB#99	-47.43,-47.24,-61.28	PASS
Band7	20MHz	64QAM	20850	100RB#0	-43.55,-40.63,-38.73,-42.11	PASS
Band7	20MHz	64QAM	21350	1RB#0	-52.56,-37.92,-40.75,-46.76	PASS
Band7	20MHz	64QAM	21350	1RB#99	-44.28,-44.47,-46.66,-47.72	PASS
Band7	20MHz	64QAM	21350	100RB#0	-41.61,-37.88,-40.11,-46.36	PASS

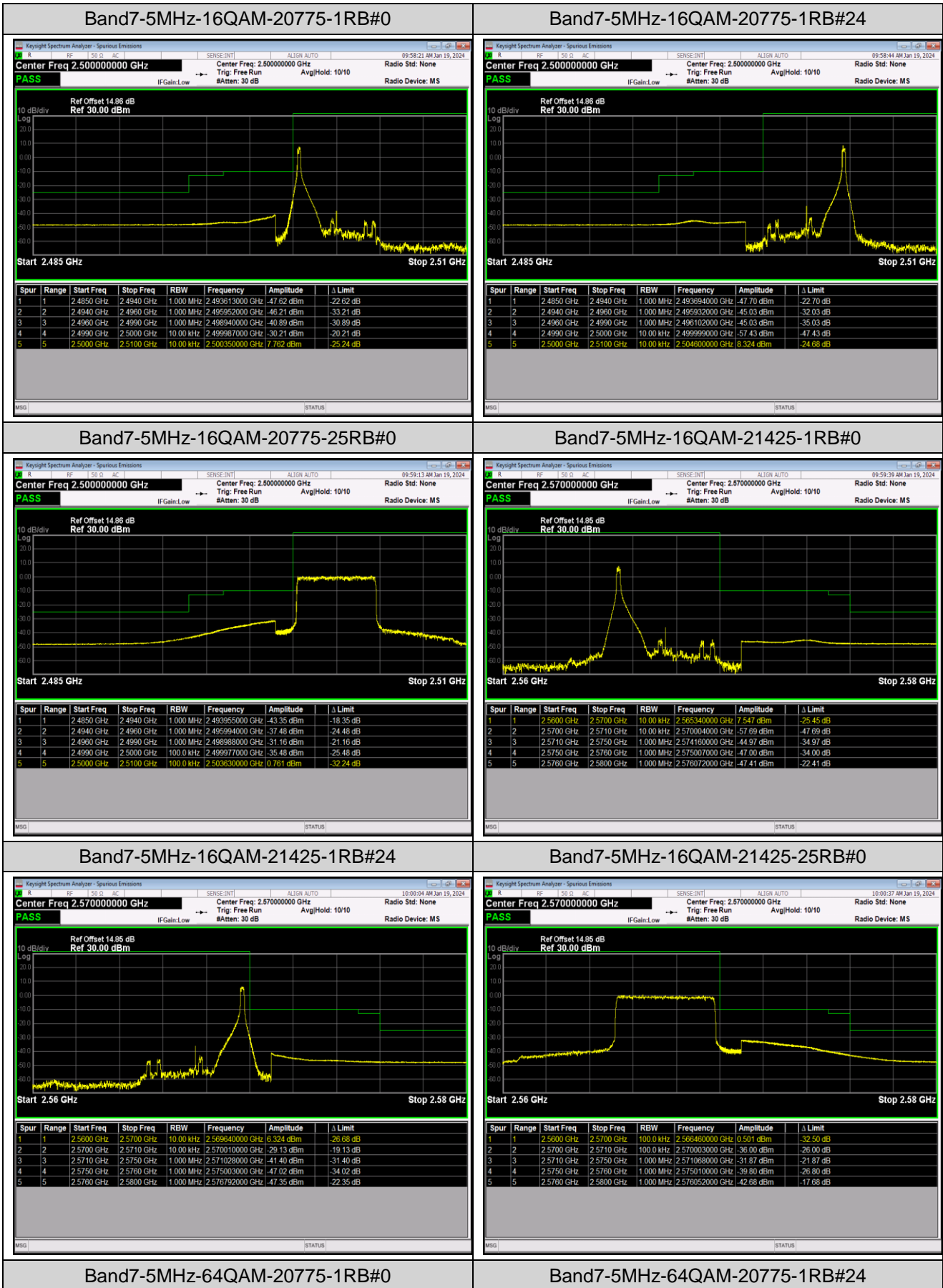
Band41	5MHz	QPSK	39675	1RB#0	-47.73,-47.35,-38.96,-28.79	PASS
Band41	5MHz	QPSK	39675	1RB#24	-47.78,-46.96,-43.66,-56.97	PASS
Band41	5MHz	QPSK	39675	25RB#0	-43.01,-39.87,-27.84,-32.35	PASS
Band41	5MHz	QPSK	41565	1RB#0	-58.51,-44.61,-46.60,-47.10	PASS
Band41	5MHz	QPSK	41565	1RB#24	-28.33,-39.08,-46.69,-46.95	PASS
Band41	5MHz	QPSK	41565	25RB#0	-29.42,-25.05,-38.45,-41.38	PASS
Band41	5MHz	16QAM	39675	1RB#0	-47.78,-47.36,-41.55,-29.65	PASS
Band41	5MHz	16QAM	39675	1RB#24	-47.76,-47.02,-44.08,-55.68	PASS
Band41	5MHz	16QAM	39675	25RB#0	-43.67,-40.73,-30.89,-35.66	PASS
Band41	5MHz	16QAM	41565	1RB#0	-56.78,-44.68,-46.61,-47.04	PASS
Band41	5MHz	16QAM	41565	1RB#24	-29.83,-40.49,-46.73,-46.94	PASS
Band41	5MHz	16QAM	41565	25RB#0	-32.90,-28.93,-38.23,-42.37	PASS
Band41	5MHz	64QAM	39675	1RB#0	-47.83,-47.56,-42.63,-29.74	PASS
Band41	5MHz	64QAM	39675	1RB#24	-47.91,-47.26,-44.67,-59.46	PASS
Band41	5MHz	64QAM	39675	25RB#0	-45.14,-42.47,-32.78,-37.01	PASS
Band41	5MHz	64QAM	41565	1RB#0	-58.92,-45.17,-46.72,-47.09	PASS
Band41	5MHz	64QAM	41565	1RB#24	-30.30,-41.13,-46.77,-47.05	PASS
Band41	5MHz	64QAM	41565	25RB#0	-36.94,-32.98,-47.17,-47.18	PASS
Band41	20MHz	QPSK	39750	1RB#0	-48.27,-46.52,-44.42,-41.74	PASS
Band41	20MHz	QPSK	39750	1RB#99	-48.27,-47.21,-47.34,-62.45	PASS
Band41	20MHz	QPSK	39750	100RB#0	-46.89,-35.51,-33.14,-37.32	PASS
Band41	20MHz	QPSK	41490	1RB#0	-61.61,-46.70,-46.70,-47.53	PASS
Band41	20MHz	QPSK	41490	1RB#99	-41.66,-43.56,-46.27,-47.55	PASS
Band41	20MHz	QPSK	41490	100RB#0	-34.52,-30.08,-31.95,-45.31	PASS
Band41	20MHz	16QAM	39750	1RB#0	-48.28,-46.79,-44.87,-41.14	PASS
Band41	20MHz	16QAM	39750	1RB#99	-48.26,-47.39,-47.42,-61.42	PASS
Band41	20MHz	16QAM	39750	100RB#0	-47.10,-38.19,-36.37,-39.42	PASS
Band41	20MHz	16QAM	41490	1RB#0	-60.62,-46.78,-46.80,-47.54	PASS
Band41	20MHz	16QAM	41490	1RB#99	-41.96,-44.31,-46.47,-47.56	PASS
Band41	20MHz	16QAM	41490	100RB#0	-37.81,-35.03,-36.44,-45.84	PASS
Band41	20MHz	64QAM	39750	1RB#0	-48.26,-46.97,-45.58,-44.85	PASS
Band41	20MHz	64QAM	39750	1RB#99	-48.26,-47.48,-47.48,-62.91	PASS
Band41	20MHz	64QAM	39750	100RB#0	-47.48,-39.72,-38.52,-41.66	PASS
Band41	20MHz	64QAM	41490	1RB#0	-61.60,-46.77,-46.85,-47.55	PASS
Band41	20MHz	64QAM	41490	1RB#99	-43.02,-44.63,-46.62,-47.54	PASS
Band41	20MHz	64QAM	41490	100RB#0	-40.94,-37.25,-40.27,-46.54	PASS
Band66	1.4MHz	QPSK	131979	1RB#0	-35.58,-24.72	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	-33.53,-43.29	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	-30.29,-33.53	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	-41.47,-32.74	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	-25.14,-36.03	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	-30.66,-30.01	PASS

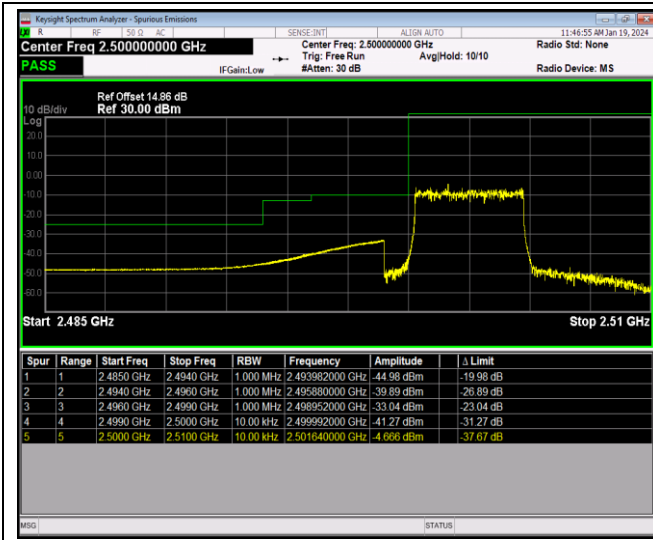
Band66	1.4MHz	16QAM	131979	1RB#0	-37.28,-28.79	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	-35.03,-41.44	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	-32.09,-33.61	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	-42.18,-34.78	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	-28.31,-37.52	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	-32.38,-32.84	PASS
Band66	1.4MHz	64QAM	131979	1RB#0	-38.42,-28.16	PASS
Band66	1.4MHz	64QAM	131979	1RB#5	-35.57,-43.17	PASS
Band66	1.4MHz	64QAM	131979	6RB#0	-33.47,-34.62	PASS
Band66	1.4MHz	64QAM	132665	1RB#0	-43.24,-35.30	PASS
Band66	1.4MHz	64QAM	132665	1RB#5	-26.54,-38.66	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	-35.25,-34.72	PASS
Band66	20MHz	QPSK	132072	1RB#0	-46.73,-42.88	PASS
Band66	20MHz	QPSK	132072	1RB#99	-38.79,-60.90	PASS
Band66	20MHz	QPSK	132072	100RB#0	-35.10,-38.87	PASS
Band66	20MHz	QPSK	132572	1RB#0	-62.06,-46.34	PASS
Band66	20MHz	QPSK	132572	1RB#99	-40.56,-45.99	PASS
Band66	20MHz	QPSK	132572	100RB#0	-39.19,-36.21	PASS
Band66	20MHz	16QAM	132072	1RB#0	-46.66,-40.65	PASS
Band66	20MHz	16QAM	132072	1RB#99	-40.41,-62.62	PASS
Band66	20MHz	16QAM	132072	100RB#0	-34.90,-38.78	PASS
Band66	20MHz	16QAM	132572	1RB#0	-61.46,-47.13	PASS
Band66	20MHz	16QAM	132572	1RB#99	-41.63,-46.16	PASS
Band66	20MHz	16QAM	132572	100RB#0	-40.57,-37.37	PASS
Band66	20MHz	64QAM	132072	1RB#0	-47.11,-42.94	PASS
Band66	20MHz	64QAM	132072	1RB#99	-42.31,-63.62	PASS
Band66	20MHz	64QAM	132072	100RB#0	-35.12,-39.18	PASS
Band66	20MHz	64QAM	132572	1RB#0	-62.92,-48.16	PASS
Band66	20MHz	64QAM	132572	1RB#99	-45.17,-46.85	PASS
Band66	20MHz	64QAM	132572	100RB#0	-41.61,-38.19	PASS

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

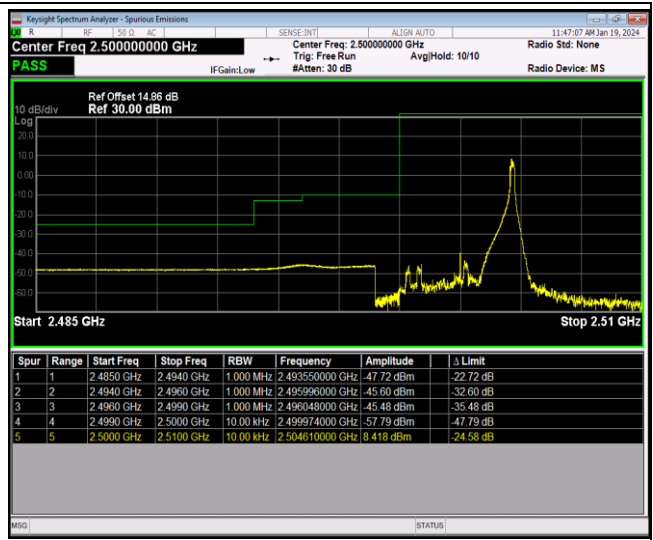
Test Graphs



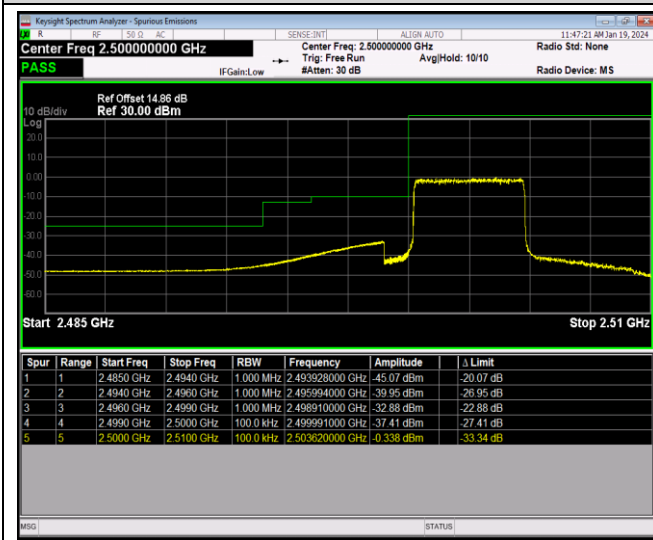




Band7-5MHz-64QAM-20775-25RB#0



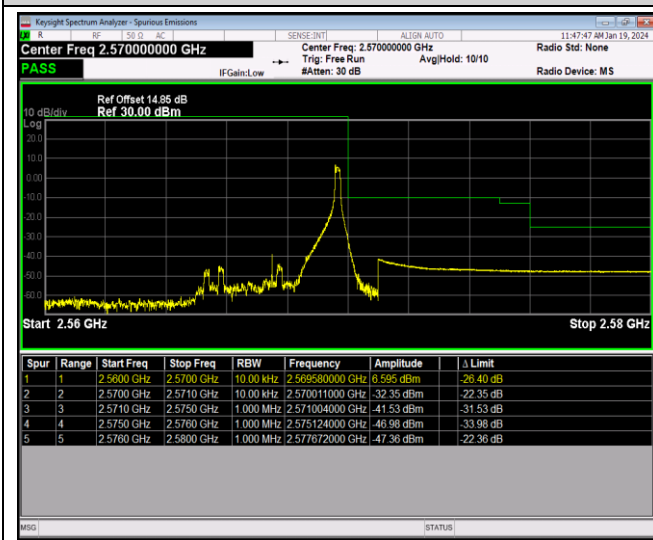
Band7-5MHz-64QAM-21425-1RB#0



Band7-5MHz-64QAM-21425-1RB#24



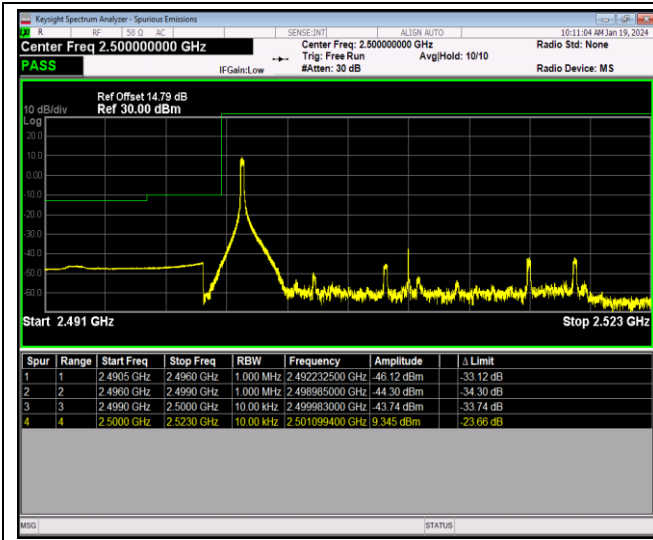
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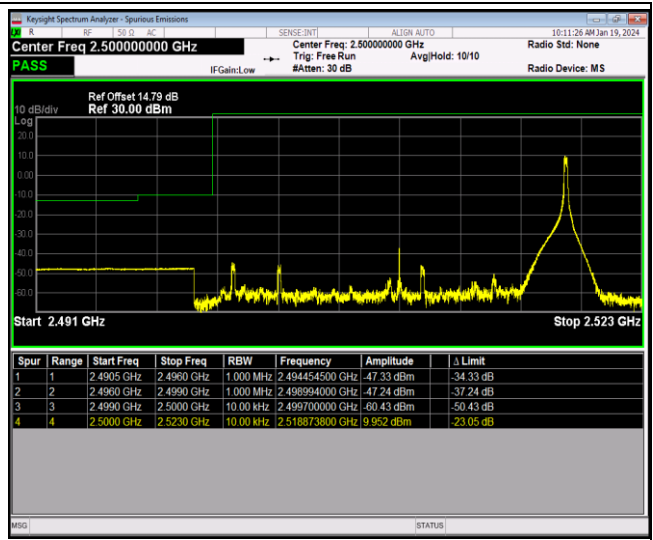
Band7-20MHz-QPSK-20850-1RB#0



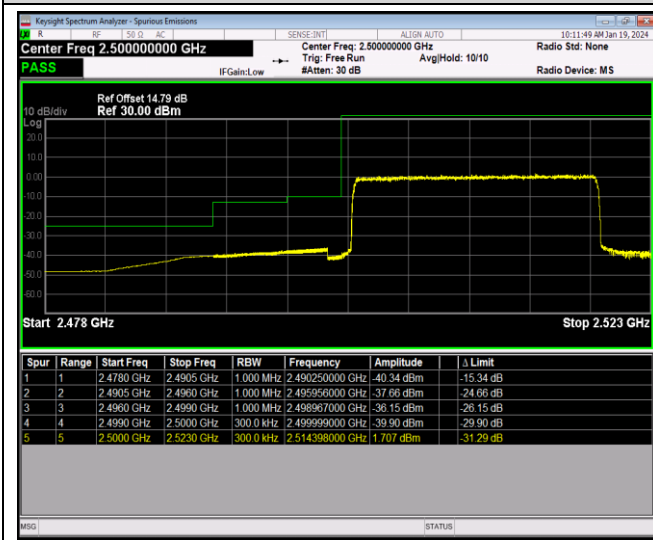
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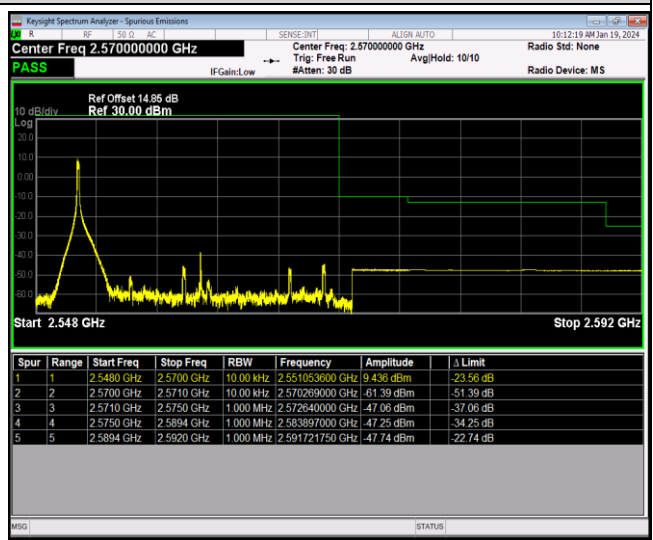
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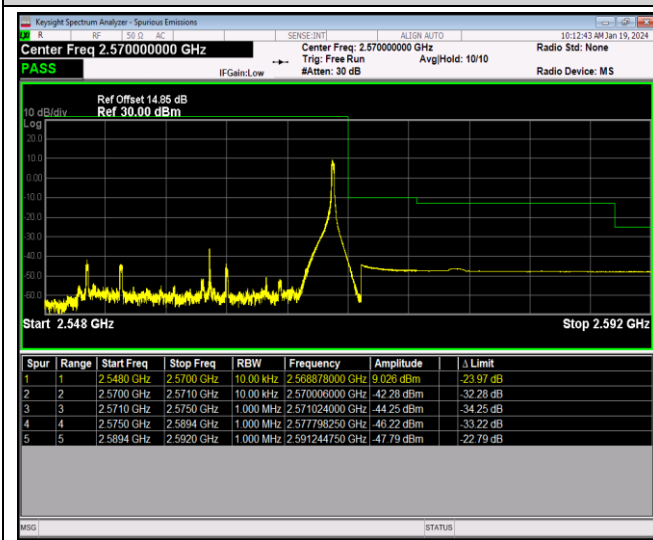
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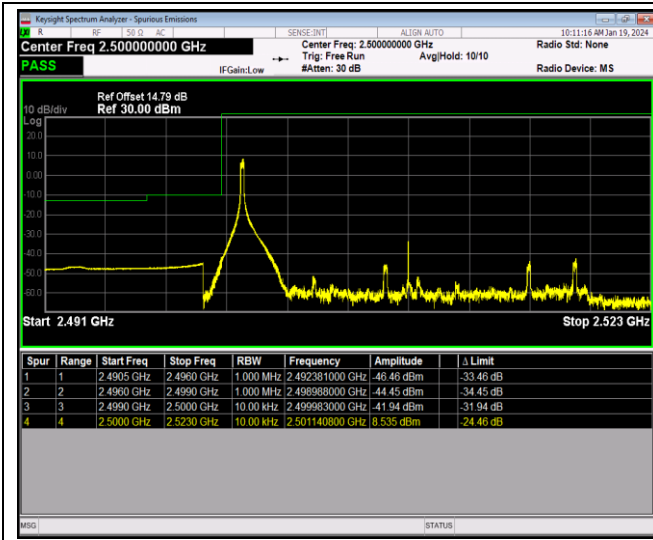
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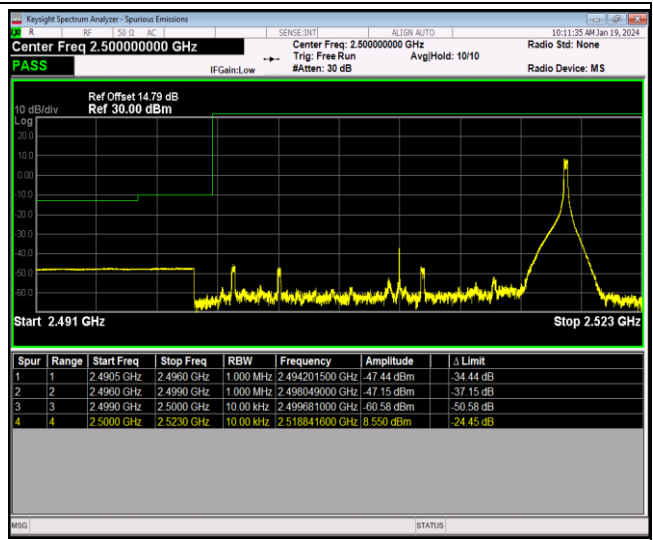
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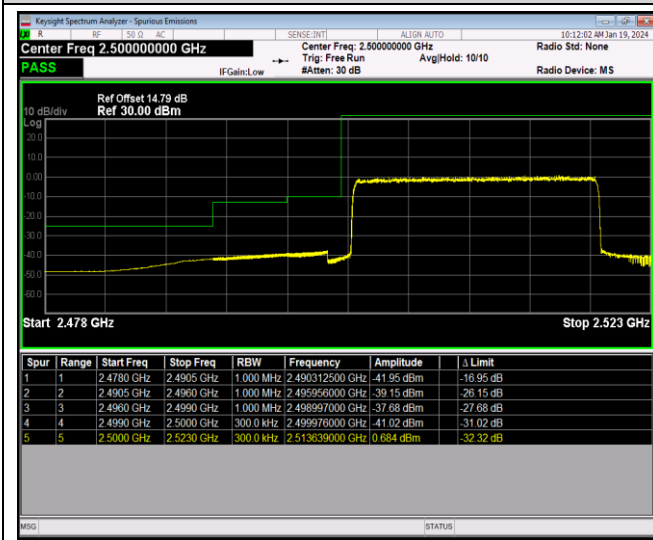
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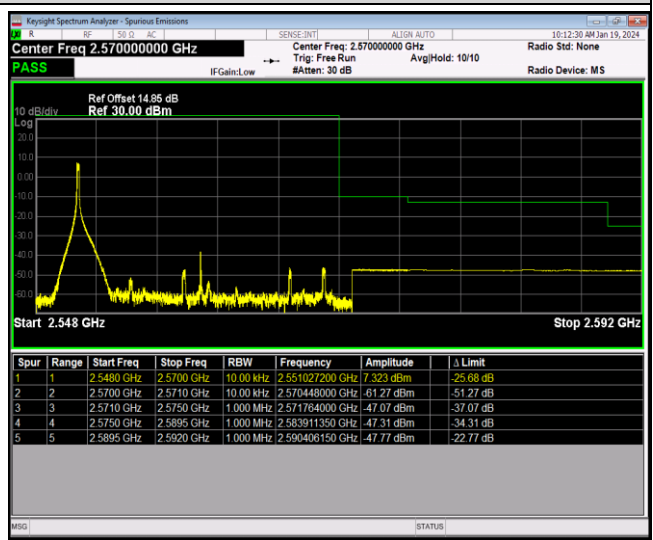
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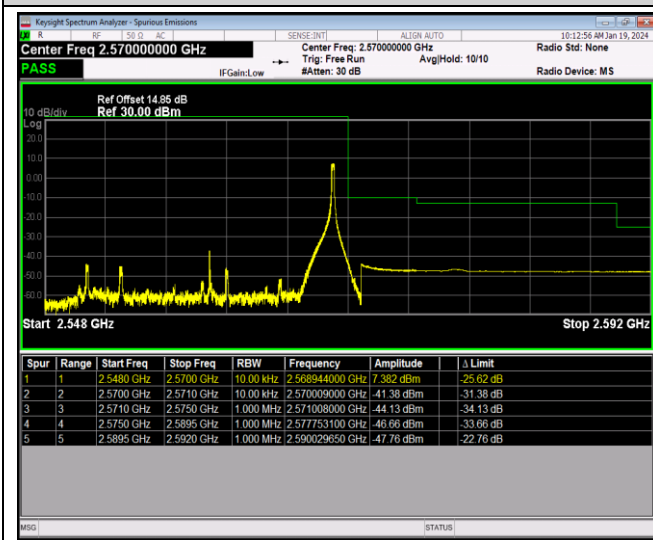
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Band7-20MHz-16QAM-21350-1RB#99



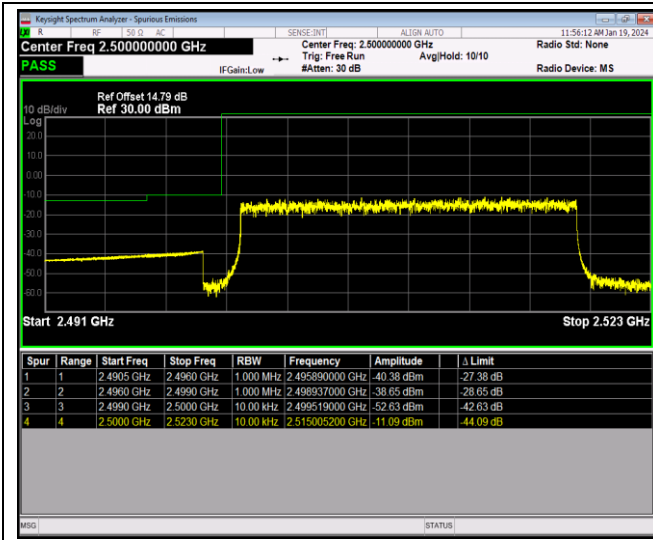
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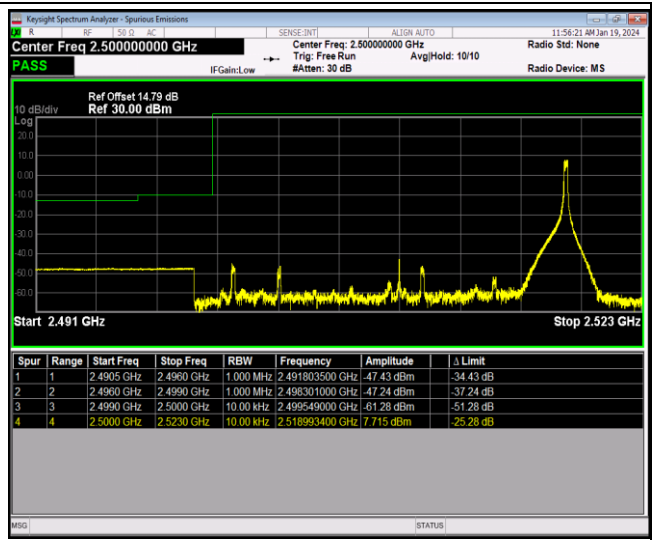
Band7-20MHz-64QAM-20850-1RB#0



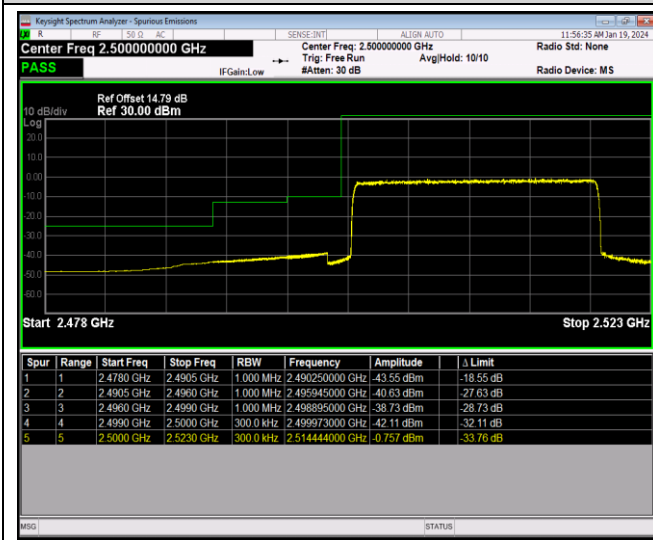
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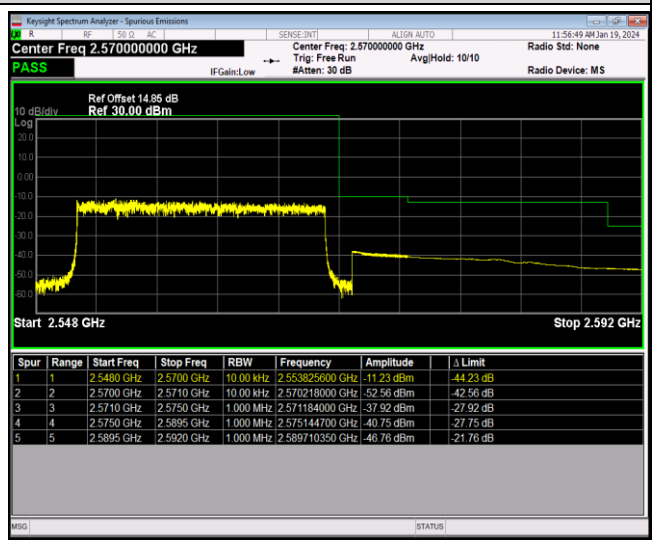
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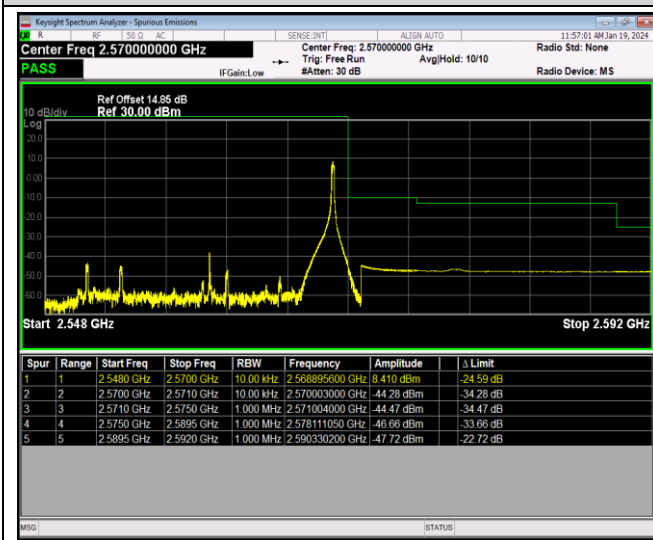
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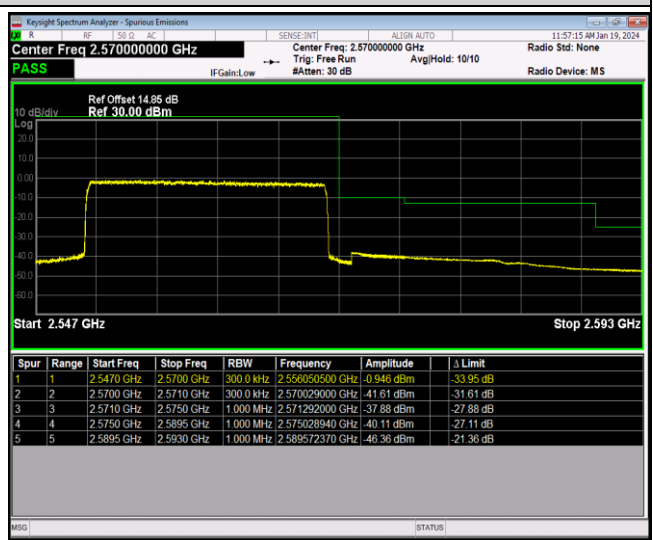
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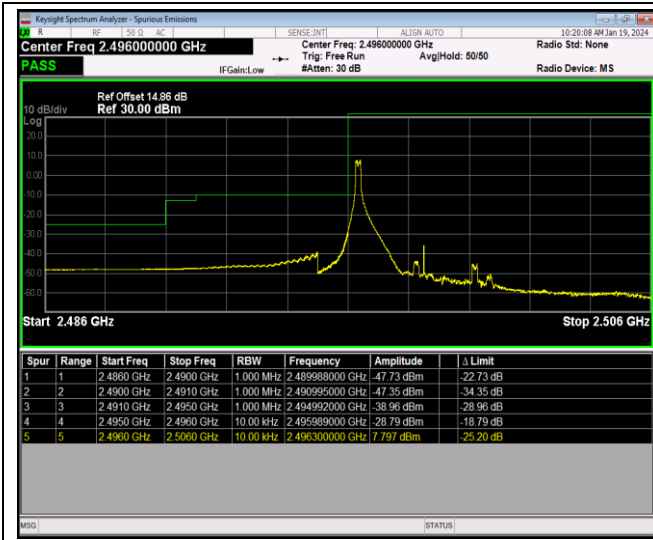
Band7-20MHz-64QAM-21350-100RB#0



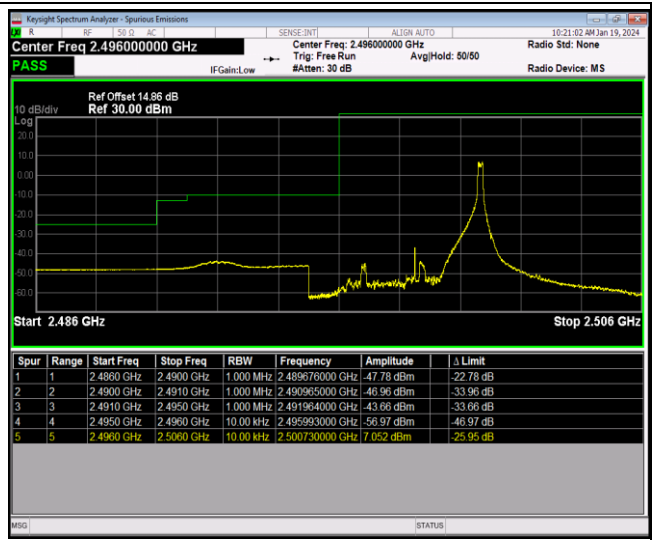
Band41-5MHz-QPSK-39675-1RB#0



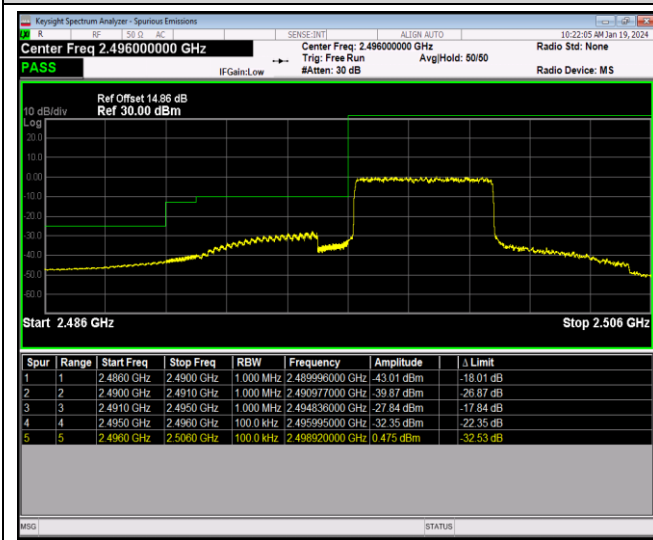
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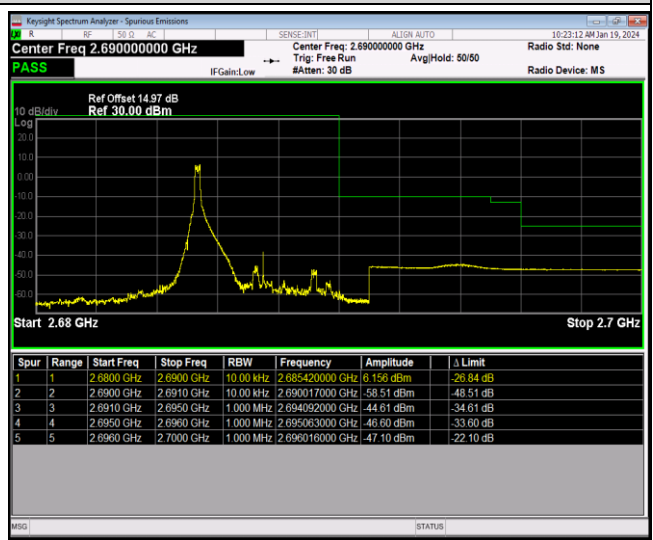
Band41-5MHz-QPSK-39675-25RB#0



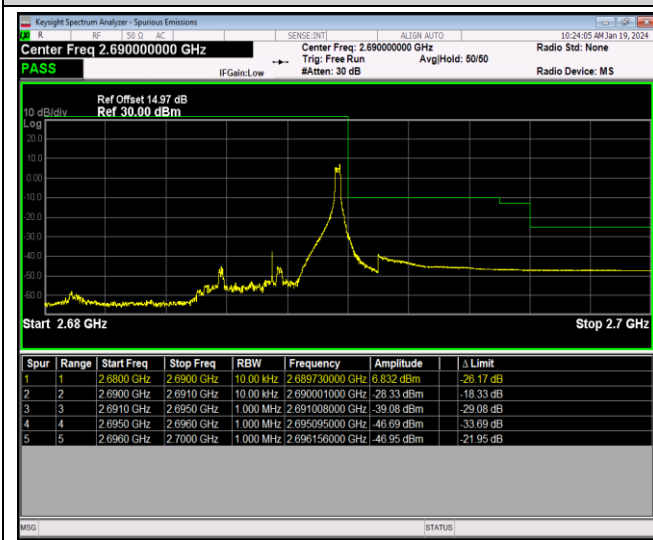
Band41-5MHz-QPSK-41565-1RB#0



Band41-5MHz-QPSK-41565-1RB#24



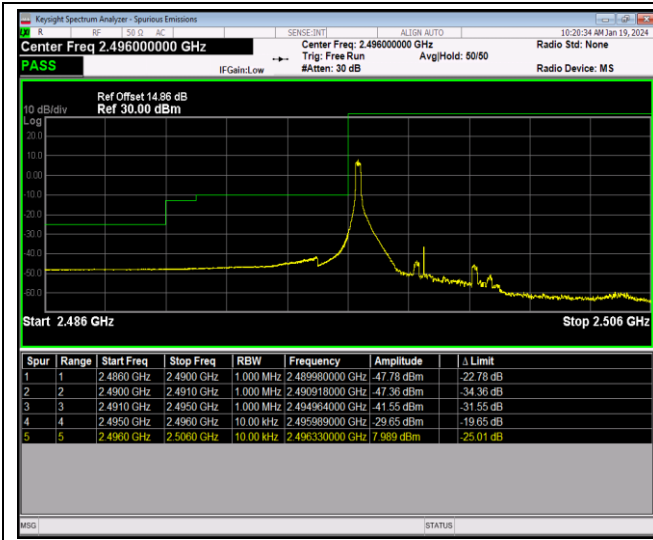
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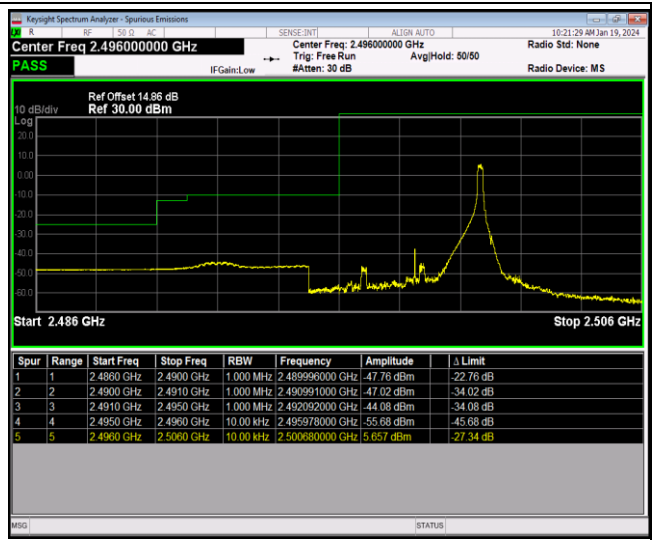
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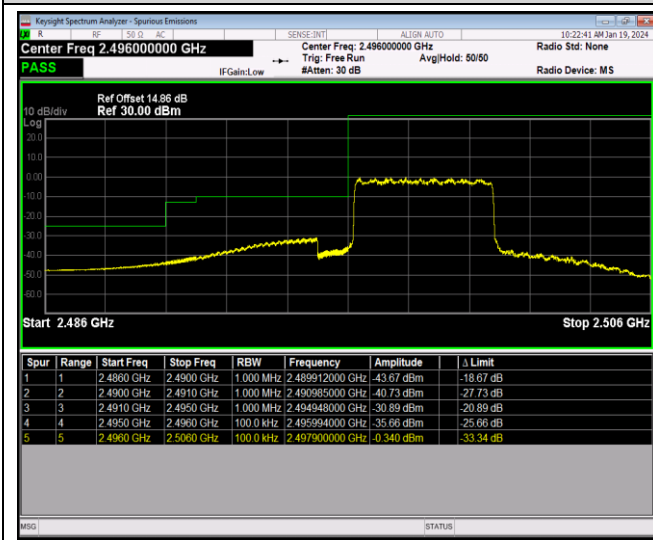
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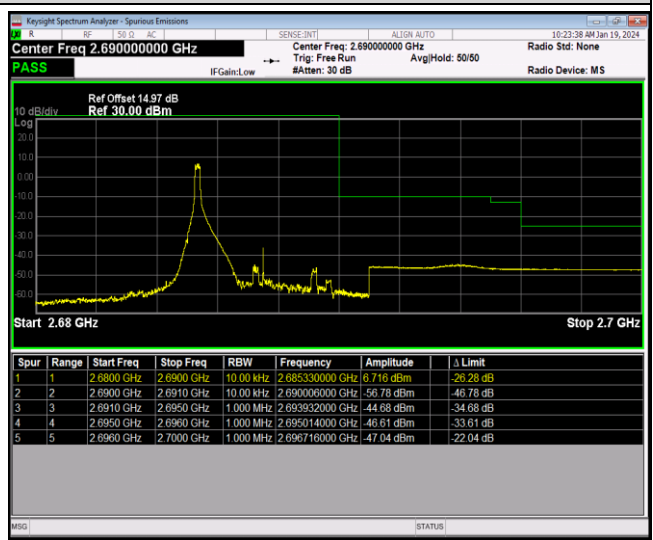
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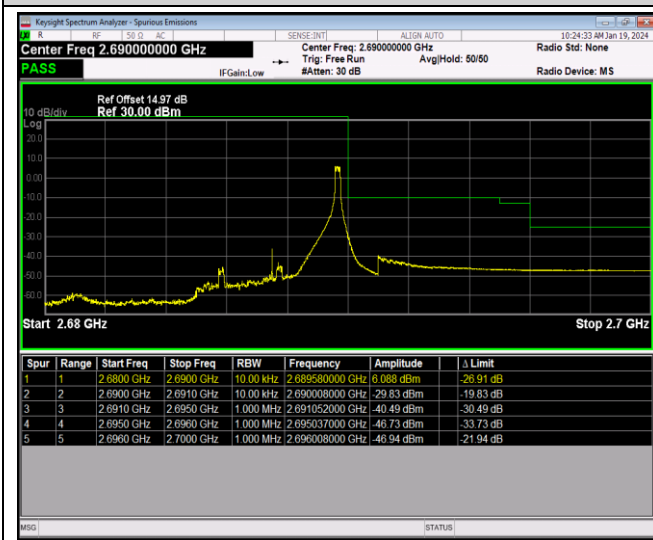
Band41-5MHz-16QAM-41565-1RB#0



Band41-5MHz-16QAM-41565-1RB#24



Band41-5MHz-16QAM-41565-25RB#0



Band41-5MHz-64QAM-39675-1RB#0



Band41-5MHz-64QAM-39675-1RB#24