

Appendix D: Band Edge

Test Result (worst case)

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	-38.43,-30.32	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	-34.85,-44.37	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	-29.05,-30.49	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	-42.94,-32.64	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	-26.85,-33.37	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-32.88,-32.16	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	-38.53,-29.20	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	-35.53,-45.15	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-29.99,-32.36	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	-41.47,-33.55	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	-29.51,-33.97	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-34.22,-34.21	PASS
Band2	20MHz	QPSK	18700	1RB#0	-45.51,-39.99	PASS
Band2	20MHz	QPSK	18700	1RB#99	-46.90,-59.07	PASS
Band2	20MHz	QPSK	18700	100RB#0	-34.75,-37.82	PASS
Band2	20MHz	QPSK	19100	1RB#0	-59.34,-50.22	PASS
Band2	20MHz	QPSK	19100	1RB#99	-36.08,-43.78	PASS
Band2	20MHz	QPSK	19100	100RB#0	-37.62,-34.84	PASS
Band2	20MHz	16QAM	18700	1RB#0	-46.14,-38.96	PASS
Band2	20MHz	16QAM	18700	1RB#99	-47.78,-58.56	PASS
Band2	20MHz	16QAM	18700	100RB#0	-36.76,-40.08	PASS
Band2	20MHz	16QAM	19100	1RB#0	-58.25,-50.70	PASS
Band2	20MHz	16QAM	19100	1RB#99	-39.51,-44.65	PASS
Band2	20MHz	16QAM	19100	100RB#0	-40.35,-37.61	PASS
Band7	5MHz	QPSK	20775	1RB#0	-48.60,-42.73,-39.94,-29.87	PASS
Band7	5MHz	QPSK	20775	1RB#24	-49.47,-46.22,-43.92,-45.27	PASS
Band7	5MHz	QPSK	20775	25RB#0	-41.99,-41.58,-35.85,-36.29	PASS
Band7	5MHz	QPSK	21425	1RB#0	-46.66,-41.37,-48.83,-49.08	PASS
Band7	5MHz	QPSK	21425	1RB#24	-29.56,-39.14,-47.94,-48.23	PASS
Band7	5MHz	QPSK	21425	25RB#0	-35.17,-38.41,-40.84,-40.97	PASS
Band7	5MHz	16QAM	20775	1RB#0	-49.14,-44.18,-41.80,-30.89	PASS
Band7	5MHz	16QAM	20775	1RB#24	-49.78,-41.01,-40.78,-48.91	PASS
Band7	5MHz	16QAM	20775	25RB#0	-42.66,-40.33,-34.45,-36.58	PASS
Band7	5MHz	16QAM	21425	1RB#0	-46.20,-43.07,-49.12,-49.28	PASS
Band7	5MHz	16QAM	21425	1RB#24	-30.31,-39.73,-48.20,-48.39	PASS
Band7	5MHz	16QAM	21425	25RB#0	-37.07,-35.72,-39.80,-40.65	PASS

Band7	20MHz	QPSK	20850	1RB#0	-37.66,-42.84,-38.32	PASS
Band7	20MHz	QPSK	20850	1RB#99	-40.15,-47.66,-58.02	PASS
Band7	20MHz	QPSK	20850	100RB#0	-44.68,-41.47,-39.70,-42.93	PASS
Band7	20MHz	QPSK	21350	1RB#0	-59.48,-47.76,-40.70,-50.47	PASS
Band7	20MHz	QPSK	21350	1RB#99	-38.30,-42.12,-37.67,-50.52	PASS
Band7	20MHz	QPSK	21350	100RB#0	-43.20,-39.87,-41.56,-48.74	PASS
Band7	20MHz	16QAM	20850	1RB#0	-38.76,-43.45,-40.27	PASS
Band7	20MHz	16QAM	20850	1RB#99	-40.88,-48.04,-57.89	PASS
Band7	20MHz	16QAM	20850	100RB#0	-44.07,-41.28,-40.05,-43.17	PASS
Band7	20MHz	16QAM	21350	1RB#0	-59.08,-48.11,-41.56,-50.50	PASS
Band7	20MHz	16QAM	21350	1RB#99	-37.97,-42.64,-38.57,-50.50	PASS
Band7	20MHz	16QAM	21350	100RB#0	-43.06,-39.67,-40.77,-48.31	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	-33.82,-26.39	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	-44.82,-51.51	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	-31.35,-34.34	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	-52.65,-45.73	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	-25.27,-32.34	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-36.04,-32.39	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	-35.42,-29.54	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	-46.45,-52.20	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-31.04,-34.37	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	-54.34,-45.39	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	-32.11,-36.99	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-35.22,-31.57	PASS
Band12	10MHz	QPSK	23060	1RB#0	-58.42,-68.00	PASS
Band12	10MHz	QPSK	23060	1RB#49	-45.57,-68.50	PASS
Band12	10MHz	QPSK	23060	50RB#0	-47.76,-51.73	PASS
Band12	10MHz	QPSK	23130	1RB#0	-52.74,-57.50	PASS
Band12	10MHz	QPSK	23130	1RB#49	-34.67,-50.06	PASS
Band12	10MHz	QPSK	23130	50RB#0	-41.97,-38.95	PASS
Band12	10MHz	16QAM	23060	1RB#0	-59.47,-68.32	PASS
Band12	10MHz	16QAM	23060	1RB#49	-45.35,-68.80	PASS
Band12	10MHz	16QAM	23060	50RB#0	-48.47,-52.74	PASS
Band12	10MHz	16QAM	23130	1RB#0	-52.97,-59.77	PASS
Band12	10MHz	16QAM	23130	1RB#49	-34.94,-52.15	PASS
Band12	10MHz	16QAM	23130	50RB#0	-42.10,-39.04	PASS
Band13	5MHz	QPSK	23205	1RB#0	-65.85,-61.12,-62.14,-66.40	PASS
Band13	5MHz	QPSK	23205	1RB#24	-65.84,-72.40,-63.26,-67.68	PASS
Band13	5MHz	QPSK	23205	25RB#0	-65.88,-60.51,-47.66,-51.37	PASS
Band13	5MHz	QPSK	23255	1RB#0	-45.86,-40.56,-72.13,-65.89	PASS
Band13	5MHz	QPSK	23255	1RB#24	-27.59,-37.02,-66.90,-65.92	PASS
Band13	5MHz	QPSK	23255	25RB#0	-35.64,-33.99,-59.01,-65.91	PASS

Band13	5MHz	16QAM	23205	1RB#0	-66.00,-63.57,-62.85,-67.14	PASS
Band13	5MHz	16QAM	23205	1RB#24	-65.92,-72.96,-63.73,-68.29	PASS
Band13	5MHz	16QAM	23205	25RB#0	-65.96,-61.58,-48.79,-52.99	PASS
Band13	5MHz	16QAM	23255	1RB#0	-47.78,-39.44,-73.27,-65.97	PASS
Band13	5MHz	16QAM	23255	1RB#24	-28.75,-43.42,-66.34,-65.86	PASS
Band13	5MHz	16QAM	23255	25RB#0	-37.63,-36.54,-60.08,-65.98	PASS
Band13	10MHz	QPSK	23230	1RB#0	-65.68,-63.70,-41.66,-33.66,-52.27,-57.58,-52.80,-65.53	PASS
Band13	10MHz	QPSK	23230	1RB#49	-65.79,-62.83,-56.66,-52.63,-34.09,-42.30,-63.93,-65.50	PASS
Band13	10MHz	QPSK	23230	50RB#0	-65.81,-53.52,-43.32,-44.57,-43.22,-41.88,-54.20,-66.03	PASS
Band13	10MHz	16QAM	23230	1RB#0	-65.78,-65.88,-43.85,-35.11,-53.43,-57.38,-50.22,-65.62	PASS
Band13	10MHz	16QAM	23230	1RB#49	-65.90,-61.33,-57.35,-52.64,-34.54,-47.84,-66.30,-65.64	PASS
Band13	10MHz	16QAM	23230	50RB#0	-65.84,-53.91,-43.50,-44.56,-43.88,-42.14,-56.86,-66.07	PASS
Band17	5MHz	QPSK	23755	1RB#0	-57.33,-64.53	PASS
Band17	5MHz	QPSK	23755	1RB#24	-61.80,-67.63	PASS
Band17	5MHz	QPSK	23755	25RB#0	-51.16,-55.78	PASS
Band17	5MHz	QPSK	23825	1RB#0	-47.20,-50.16	PASS
Band17	5MHz	QPSK	23825	1RB#24	-28.27,-42.96	PASS
Band17	5MHz	QPSK	23825	25RB#0	-38.79,-42.32	PASS
Band17	5MHz	16QAM	23755	1RB#0	-59.35,-67.03	PASS
Band17	5MHz	16QAM	23755	1RB#24	-62.09,-68.32	PASS
Band17	5MHz	16QAM	23755	25RB#0	-52.72,-56.88	PASS
Band17	5MHz	16QAM	23825	1RB#0	-47.67,-48.10	PASS
Band17	5MHz	16QAM	23825	1RB#24	-28.76,-46.28	PASS
Band17	5MHz	16QAM	23825	25RB#0	-40.04,-41.55	PASS
Band17	10MHz	QPSK	23780	1RB#49	-45.70,-66.07	PASS
Band17	10MHz	QPSK	23780	50RB#0	-47.56,-51.79	PASS
Band17	10MHz	QPSK	23800	1RB#0	-52.82,-59.53	PASS
Band17	10MHz	QPSK	23800	1RB#49	-34.39,-51.04	PASS
Band17	10MHz	QPSK	23800	50RB#0	-44.91,-43.33	PASS
Band17	10MHz	16QAM	23780	1RB#0	-53.26,-65.24	PASS
Band17	10MHz	16QAM	23780	1RB#49	-45.67,-65.74	PASS
Band17	10MHz	16QAM	23780	50RB#0	-46.58,-50.59	PASS
Band17	10MHz	16QAM	23800	1RB#0	-53.11,-60.03	PASS
Band17	10MHz	16QAM	23800	1RB#49	-35.14,-50.56	PASS
Band17	10MHz	16QAM	23800	50RB#0	-45.45,-44.77	PASS
Band26	1.4MHz	QPSK	26697	1RB#0	-28.81,-31.17	PASS

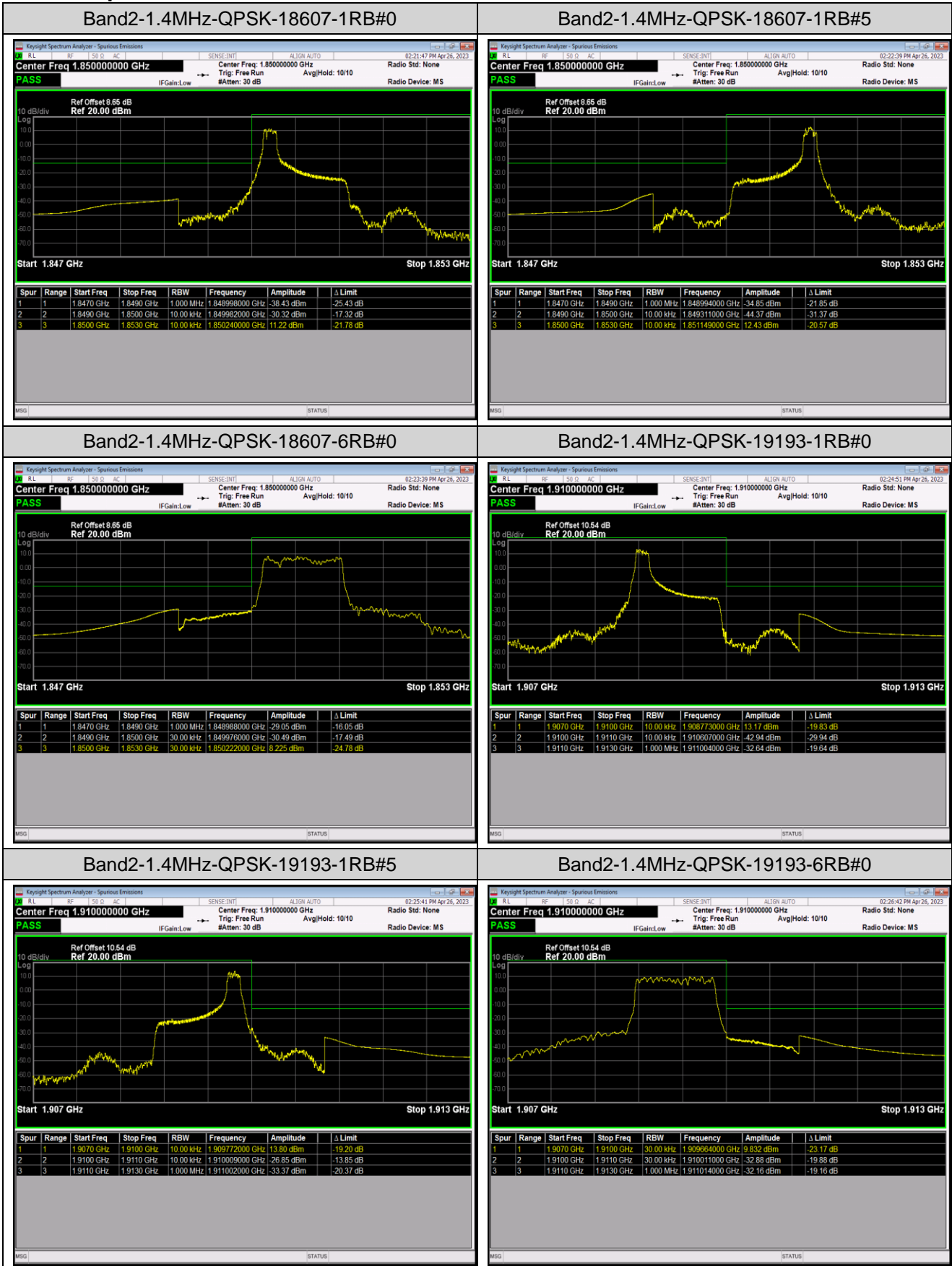
Band26	1.4MHz	QPSK	26697	1RB#5	-45.83,-51.87	PASS
Band26	1.4MHz	QPSK	26697	6RB#0	-25.51,-28.99	PASS
Band26	1.4MHz	QPSK	26783	1RB#0	-54.06,-41.57	PASS
Band26	1.4MHz	QPSK	26783	1RB#5	-34.16,-32.62	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	-30.44,-26.29	PASS
Band26	1.4MHz	QPSK	26797	1RB#0	-53.42,-32.18	PASS
Band26	1.4MHz	QPSK	26797	1RB#5	-55.54,-49.74	PASS
Band26	1.4MHz	QPSK	26797	6RB#0	-44.00,-36.93	PASS
Band26	1.4MHz	QPSK	27033	1RB#0	-49.98,-57.85	PASS
Band26	1.4MHz	QPSK	27033	1RB#5	-27.67,-54.16	PASS
Band26	1.4MHz	QPSK	27033	6RB#0	-37.78,-41.92	PASS
Band26	1.4MHz	16QAM	26697	1RB#0	-30.00,-31.39	PASS
Band26	1.4MHz	16QAM	26697	1RB#5	-44.67,-52.46	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	-26.71,-30.13	PASS
Band26	1.4MHz	16QAM	26783	1RB#0	-54.13,-40.91	PASS
Band26	1.4MHz	16QAM	26783	1RB#5	-36.87,-33.11	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	-31.45,-26.92	PASS
Band26	1.4MHz	16QAM	26797	1RB#0	-53.88,-34.48	PASS
Band26	1.4MHz	16QAM	26797	1RB#5	-56.20,-46.60	PASS
Band26	1.4MHz	16QAM	26797	6RB#0	-43.26,-36.66	PASS
Band26	1.4MHz	16QAM	27033	1RB#0	-48.31,-58.12	PASS
Band26	1.4MHz	16QAM	27033	1RB#5	-29.01,-54.92	PASS
Band26	1.4MHz	16QAM	27033	6RB#0	-41.16,-43.22	PASS
Band26	10MHz	QPSK	26740	1RB#0	-37.99,-33.45,-52.55,-55.20	PASS
Band26	10MHz	QPSK	26740	1RB#49	-54.95,-52.96,-33.68,-37.20	PASS
Band26	10MHz	QPSK	26740	50RB#0	-35.70,-29.79,-30.27,-36.01	PASS
Band26	10MHz	16QAM	26740	1RB#0	-39.83,-35.37,-54.42,-56.25	PASS
Band26	10MHz	16QAM	26740	1RB#49	-55.36,-52.59,-34.19,-38.75	PASS
Band26	10MHz	16QAM	26740	50RB#0	-36.95,-31.00,-31.37,-36.89	PASS
Band26	15MHz	QPSK	26865	1RB#0	-56.39,-33.72	PASS
Band26	15MHz	QPSK	26865	1RB#74	-48.47,-55.01	PASS
Band26	15MHz	QPSK	26865	75RB#0	-44.01,-37.46	PASS
Band26	15MHz	QPSK	26965	1RB#0	-57.77,-64.66	PASS
Band26	15MHz	QPSK	26965	1RB#74	-35.71,-58.25	PASS
Band26	15MHz	QPSK	26965	75RB#0	-43.04,-49.82	PASS
Band26	15MHz	16QAM	26865	1RB#0	-58.00,-36.98	PASS
Band26	15MHz	16QAM	26865	1RB#74	-43.63,-57.98	PASS
Band26	15MHz	16QAM	26865	75RB#0	-44.86,-38.36	PASS
Band26	15MHz	16QAM	26965	1RB#0	-59.60,-65.37	PASS
Band26	15MHz	16QAM	26965	1RB#74	-36.19,-59.57	PASS
Band26	15MHz	16QAM	26965	75RB#0	-44.87,-51.72	PASS
Band41	5MHz	QPSK	40065	1RB#0	-49.73,-49.38,-40.66,-31.88	PASS

Band41	5MHz	QPSK	40065	1RB#24	-50.03,-49.91,-45.14,-48.38	PASS
Band41	5MHz	QPSK	40065	25RB#0	-42.69,-42.50,-36.63,-38.31	PASS
Band41	5MHz	QPSK	41215	1RB#0	-50.18,-44.37,-48.91,-49.07	PASS
Band41	5MHz	QPSK	41215	1RB#24	-30.70,-40.99,-48.52,-48.69	PASS
Band41	5MHz	QPSK	41215	25RB#0	-39.07,-36.66,-41.99,-42.30	PASS
Band41	5MHz	16QAM	40065	1RB#0	-49.89,-49.61,-42.79,-35.04	PASS
Band41	5MHz	16QAM	40065	1RB#24	-50.17,-49.95,-45.03,-48.65	PASS
Band41	5MHz	16QAM	40065	25RB#0	-43.26,-41.41,-34.57,-37.91	PASS
Band41	5MHz	16QAM	41215	1RB#0	-49.23,-45.29,-48.98,-49.16	PASS
Band41	5MHz	16QAM	41215	1RB#24	-32.34,-42.13,-48.51,-48.90	PASS
Band41	5MHz	16QAM	41215	25RB#0	-39.59,-35.54,-42.00,-42.71	PASS
Band41	20MHz	QPSK	40140	1RB#99	-50.59,-42.10,-49.93,-60.09	PASS
Band41	20MHz	QPSK	40140	100RB#0	-49.28,-41.74,-40.25,-44.45	PASS
Band41	20MHz	QPSK	41140	1RB#0	-61.98,-48.97,-45.78,-49.89	PASS
Band41	20MHz	QPSK	41140	1RB#99	-43.33,-35.54,-48.26,-49.86	PASS
Band41	20MHz	QPSK	41140	100RB#0	-44.99,-41.63,-43.42,-47.67	PASS
Band41	20MHz	16QAM	40140	1RB#0	-50.62,-47.83,-46.50,-43.10	PASS
Band41	20MHz	16QAM	40140	1RB#99	-50.64,-42.30,-49.99,-58.54	PASS
Band41	20MHz	16QAM	40140	100RB#0	-48.59,-40.66,-39.14,-43.00	PASS
Band41	20MHz	16QAM	41140	1RB#0	-61.12,-49.01,-45.57,-49.88	PASS
Band41	20MHz	16QAM	41140	1RB#99	-42.89,-36.55,-48.06,-49.87	PASS
Band41	20MHz	16QAM	41140	100RB#0	-44.92,-40.53,-42.25,-47.09	PASS
Band66	1.4MHz	QPSK	131979	1RB#0	-36.51,-30.44	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	-39.98,-51.50	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	-30.08,-35.12	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	-47.19,-38.97	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	-24.45,-35.50	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	-26.30,-26.72	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	-36.87,-30.62	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	-40.15,-49.24	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	-31.15,-36.11	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	-47.16,-39.54	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	-24.24,-35.76	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	-28.36,-29.29	PASS
Band66	20MHz	QPSK	132072	1RB#0	-43.57,-40.76	PASS
Band66	20MHz	QPSK	132072	1RB#99	-43.33,-59.84	PASS
Band66	20MHz	QPSK	132072	100RB#0	-34.08,-37.37	PASS
Band66	20MHz	QPSK	132572	1RB#0	-60.12,-47.72	PASS
Band66	20MHz	QPSK	132572	1RB#99	-38.46,-44.01	PASS
Band66	20MHz	QPSK	132572	100RB#0	-35.04,-32.15	PASS
Band66	20MHz	16QAM	132072	1RB#0	-44.72,-38.68	PASS
Band66	20MHz	16QAM	132072	1RB#99	-42.60,-59.38	PASS

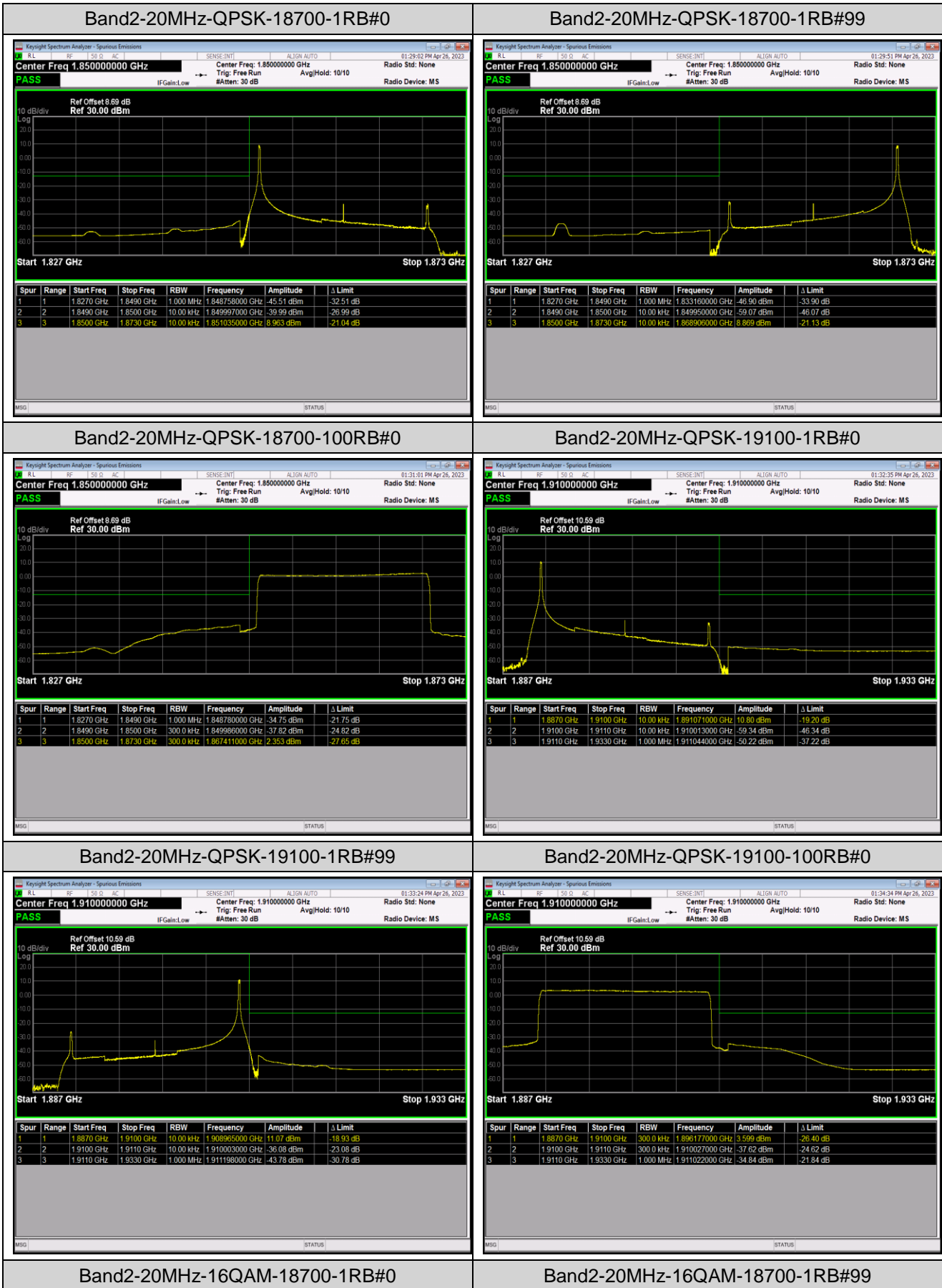
Band66	20MHz	16QAM	132072	100RB#0	-34.55,-38.20	PASS
Band66	20MHz	16QAM	132572	1RB#0	-59.70,-48.69	PASS
Band66	20MHz	16QAM	132572	1RB#99	-39.66,-44.48	PASS
Band66	20MHz	16QAM	132572	100RB#0	-37.08,-34.44	PASS

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

Test Graphs









Band2-20MHz-16QAM-18700-100RB#0

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



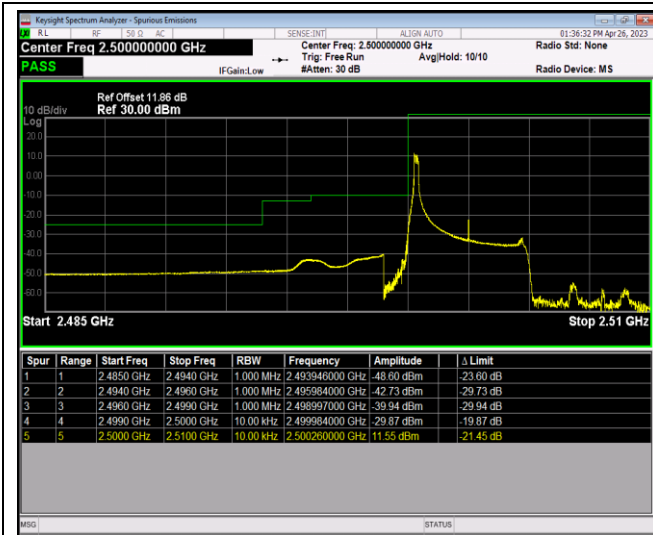
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Band2-20MHz-16QAM-19100-100RB#0

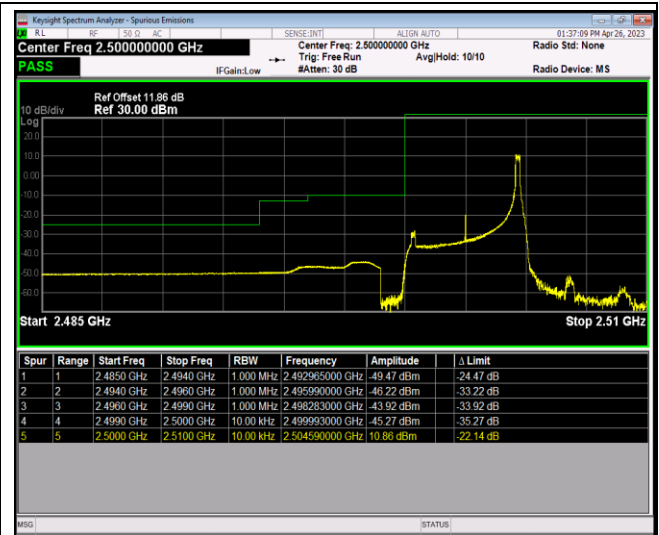


Band7-5MHz-QPSK-20775-1RB#0

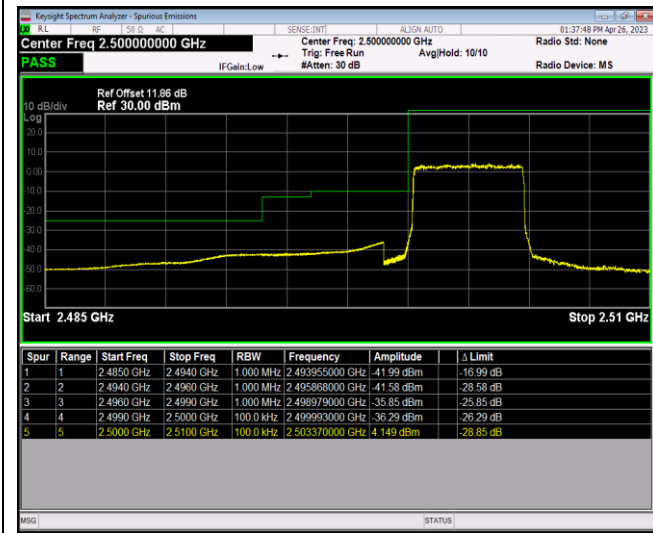
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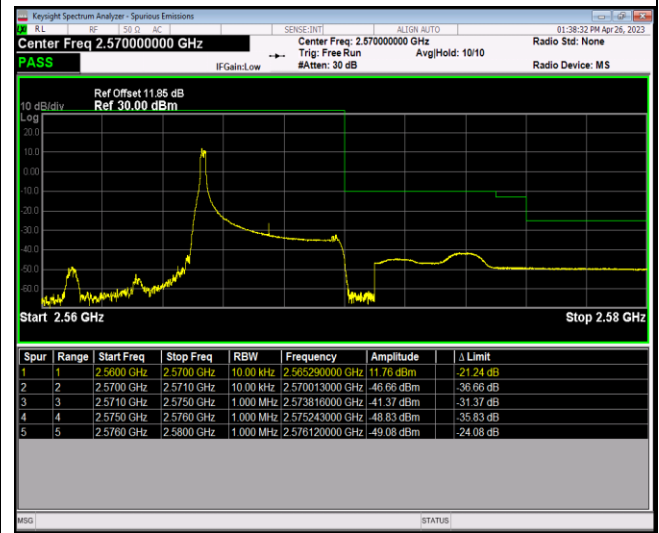
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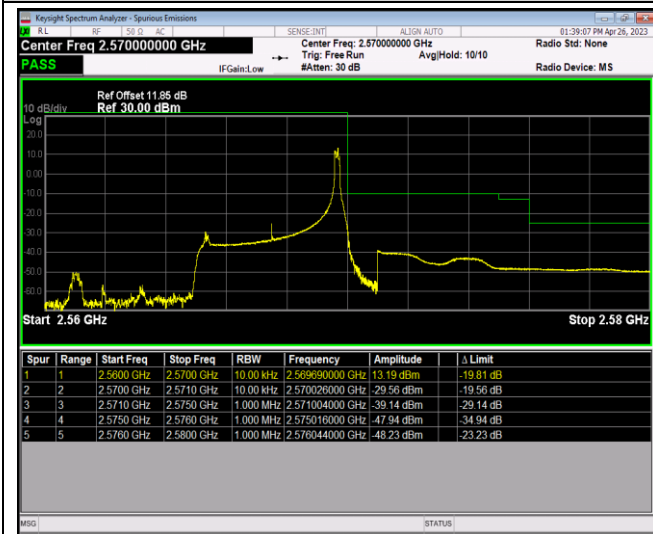
Band7-5MHz-QPSK-21425-1RB#0



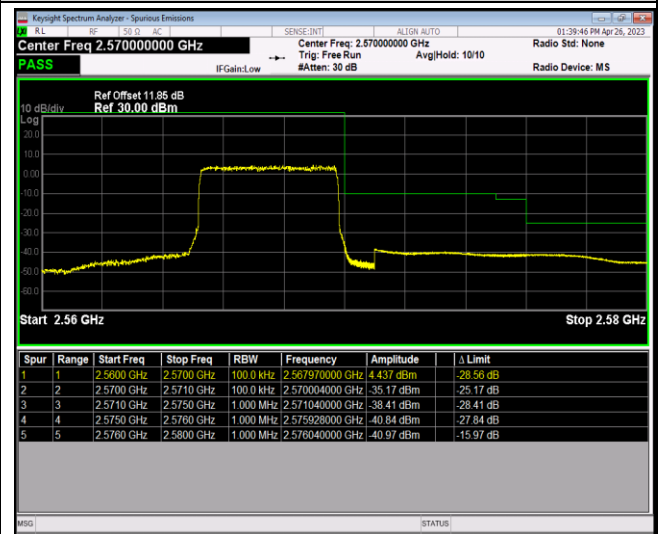
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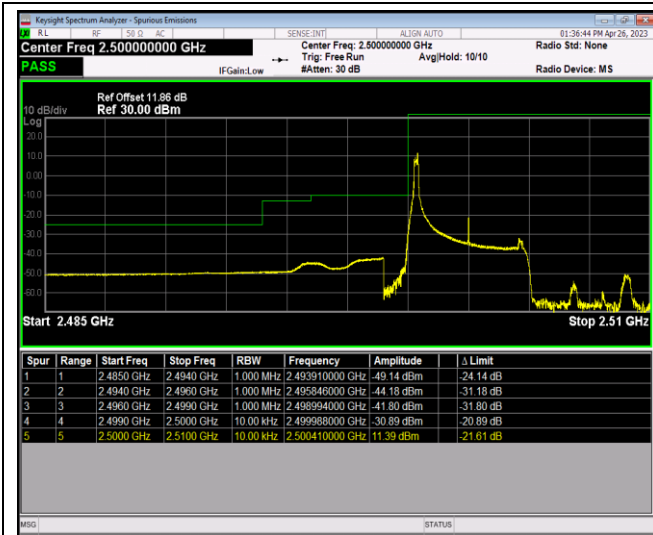
Band7-5MHz-QPSK-21425-25RB#0



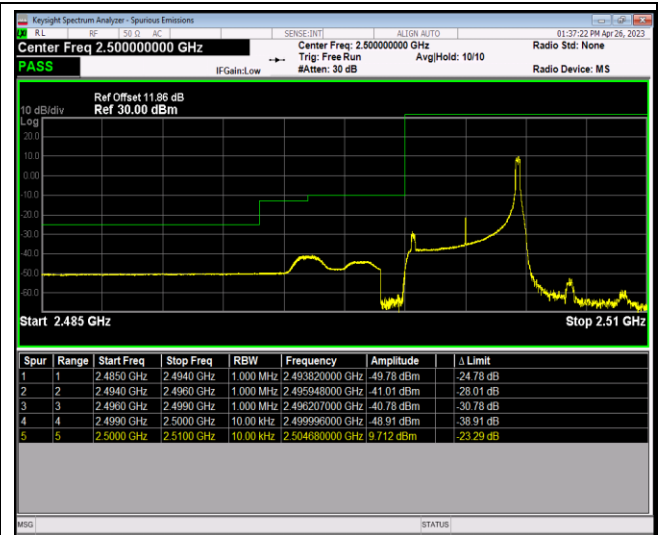
Band7-5MHz-16QAM-20775-1RB#0



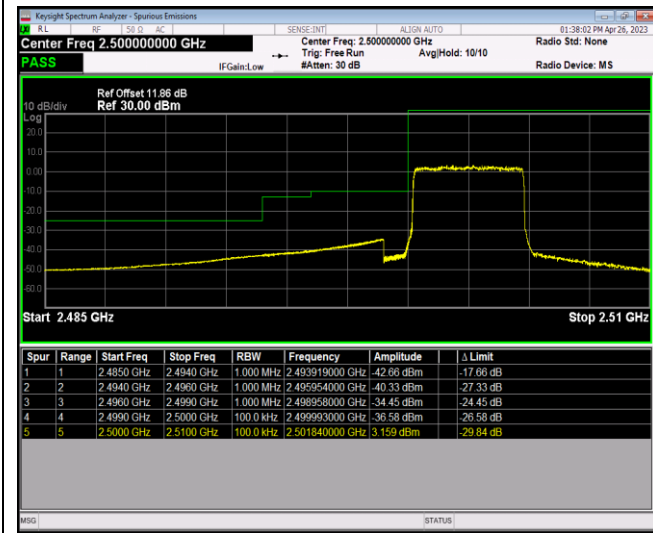
Band7-5MHz-16QAM-20775-1RB#24



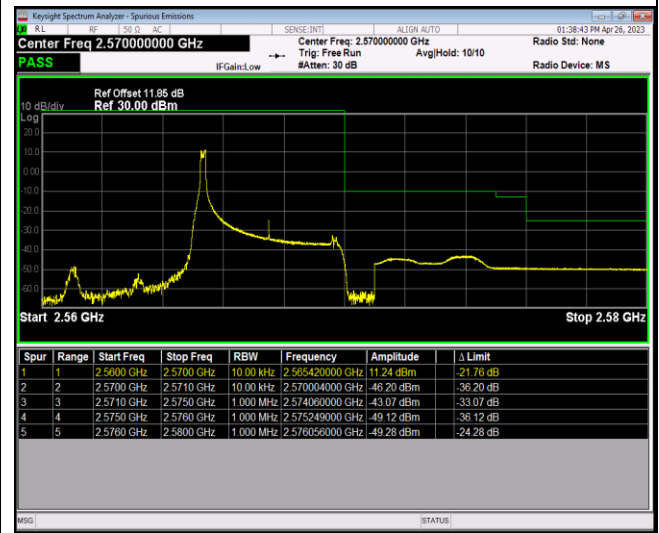
Band7-5MHz-16QAM-20775-25RB#0



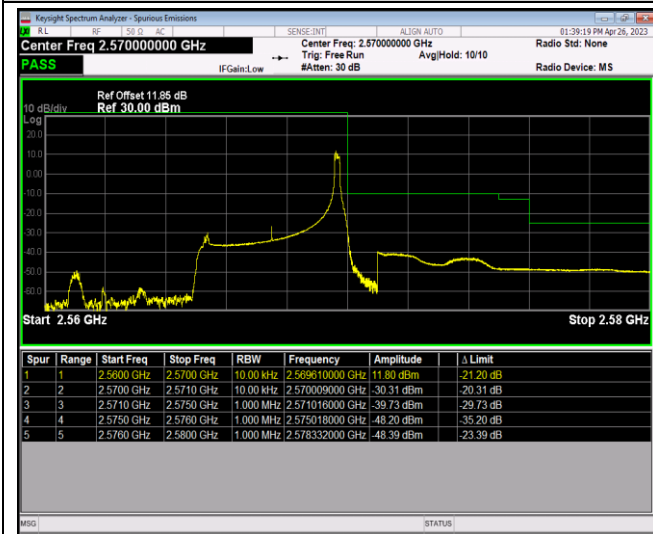
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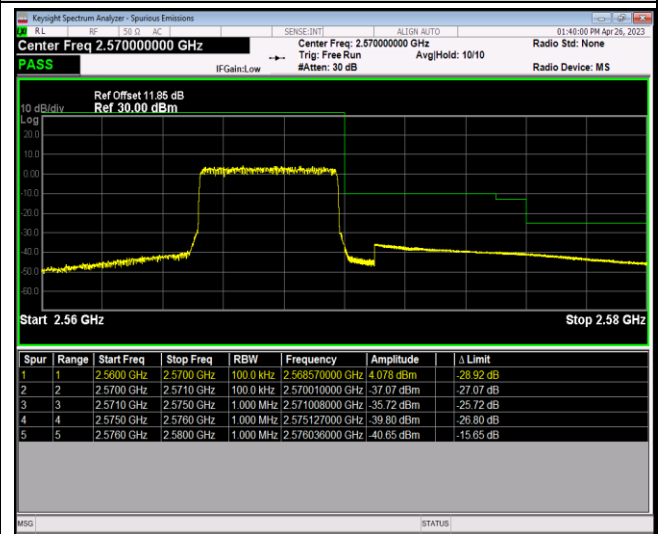
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Band7-5MHz-16QAM-21425-25RB#0



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



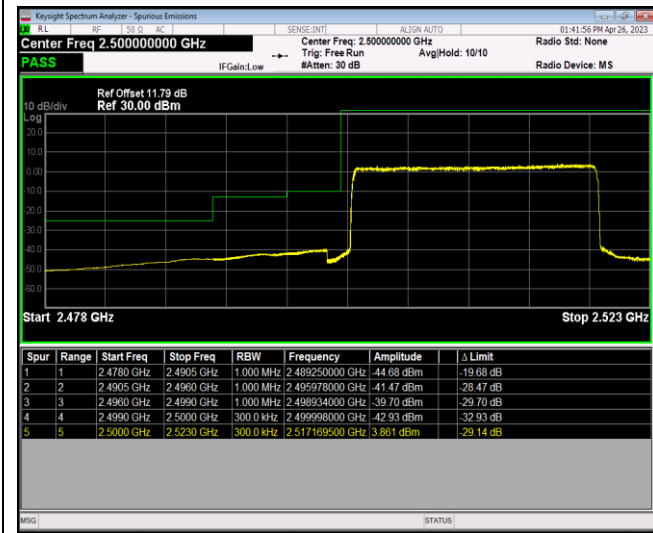
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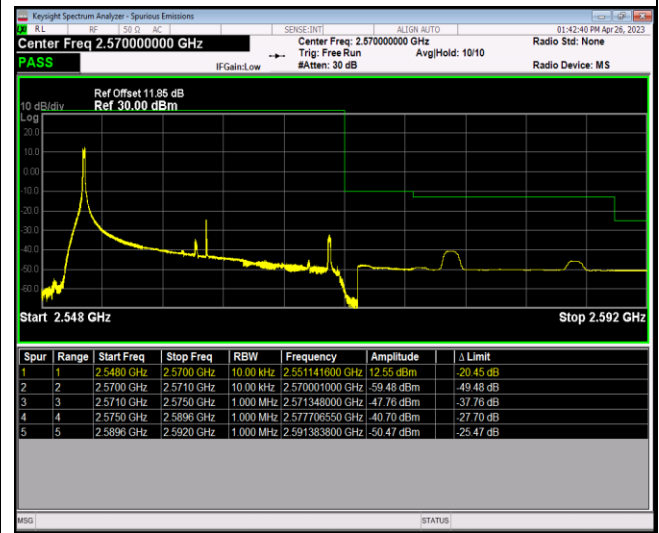
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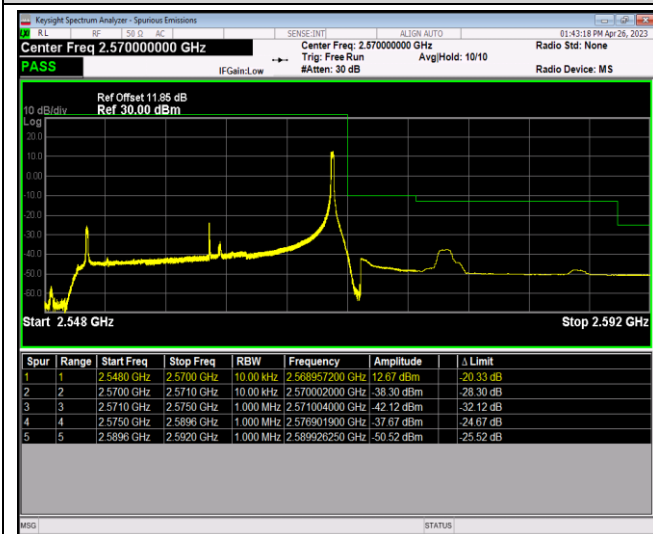
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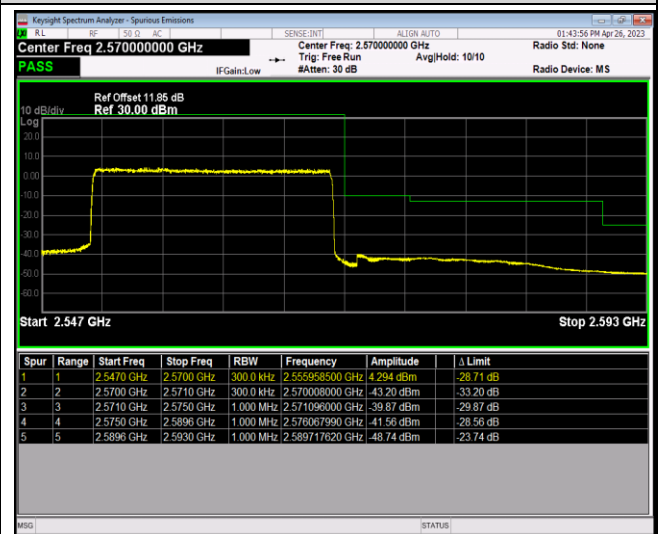
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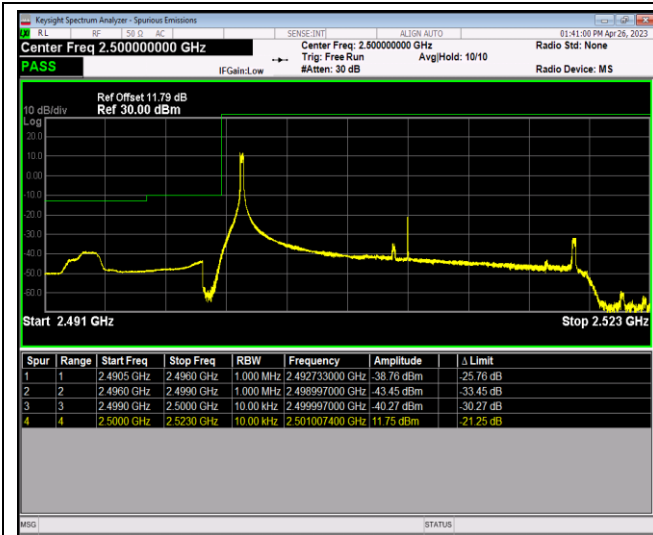
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Band7-20MHz-16QAM-20850-1RB#0



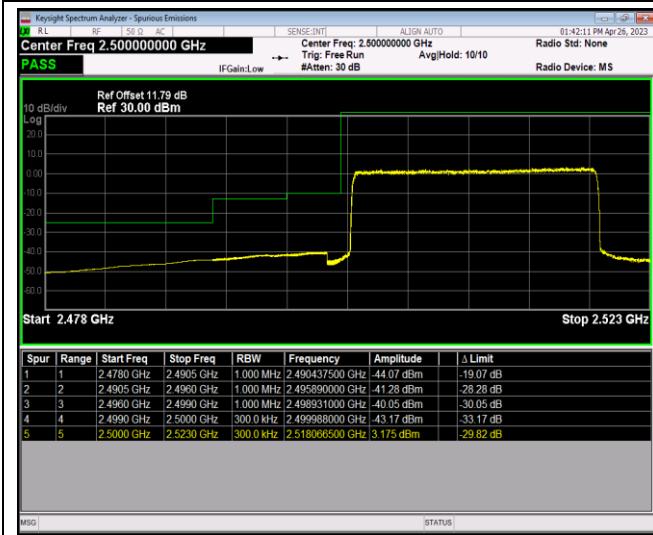
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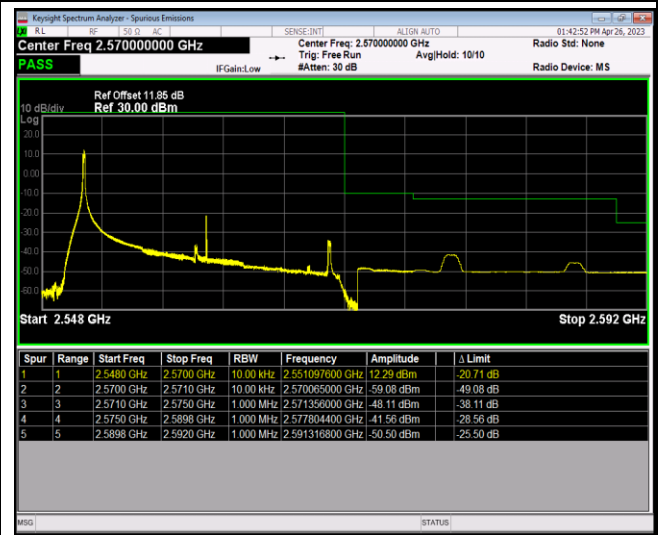
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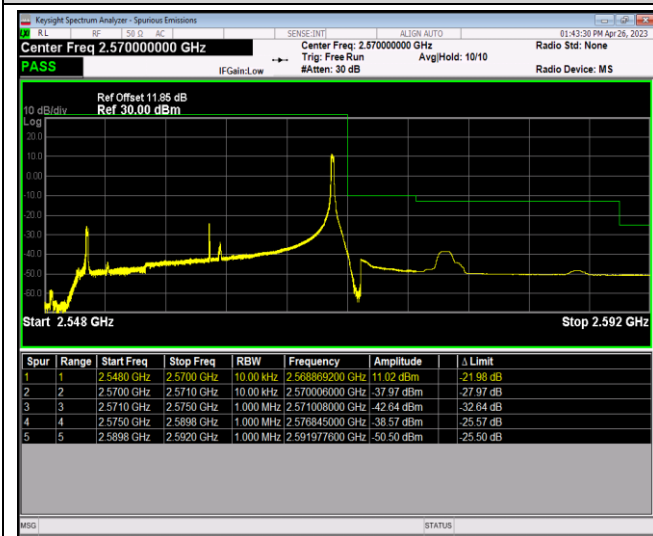
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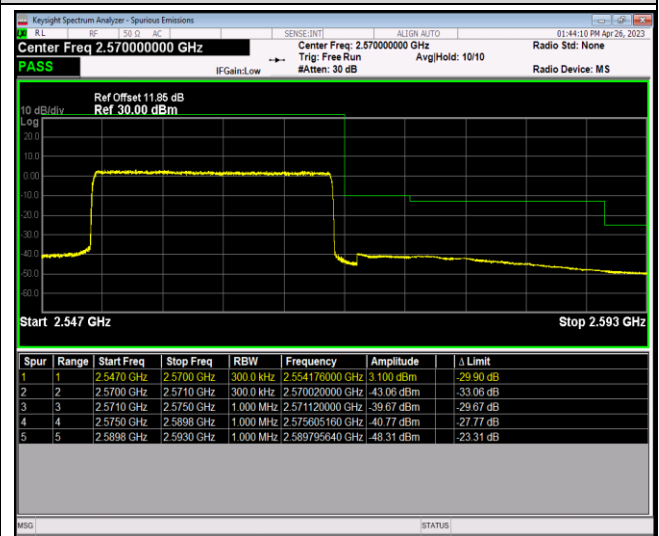
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Band7-20MHz-16QAM-21350-100RB#0



Band12-1.4MHz-QPSK-23017-1RB#0



Band12-1.4MHz-QPSK-23017-1RB#5