



Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Power(dBm)	ERP/EIRP (dBm)	Verdict
Band42(3450-3550)	5MHz	QPSK	42115	1RB#0	22.13	24.66	PASS
Band42(3450-3550)	5MHz	QPSK	42115	1RB#12	22.01	24.54	PASS
Band42(3450-3550)	5MHz	QPSK	42115	1RB#24	21.94	24.47	PASS
Band42(3450-3550)	5MHz	QPSK	42115	12RB#0	21.00	23.53	PASS
Band42(3450-3550)	5MHz	QPSK	42115	12RB#6	20.91	23.44	PASS
Band42(3450-3550)	5MHz	QPSK	42115	12RB#13	20.89	23.42	PASS
Band42(3450-3550)	5MHz	QPSK	42115	25RB#0	20.97	23.5	PASS
Band42(3450-3550)	5MHz	QPSK	42590	1RB#0	22.45	24.98	PASS
Band42(3450-3550)	5MHz	QPSK	42590	1RB#12	22.44	24.97	PASS
Band42(3450-3550)	5MHz	QPSK	42590	1RB#24	22.45	24.98	PASS
Band42(3450-3550)	5MHz	QPSK	42590	12RB#0	21.44	23.97	PASS
Band42(3450-3550)	5MHz	QPSK	42590	12RB#6	21.41	23.94	PASS
Band42(3450-3550)	5MHz	QPSK	42590	12RB#13	21.44	23.97	PASS
Band42(3450-3550)	5MHz	QPSK	42590	25RB#0	21.51	24.04	PASS
Band42(3450-3550)	5MHz	QPSK	43065	1RB#0	22.53	25.06	PASS
Band42(3450-3550)	5MHz	QPSK	43065	1RB#12	22.46	24.99	PASS
Band42(3450-3550)	5MHz	QPSK	43065	1RB#24	22.53	25.06	PASS
Band42(3450-3550)	5MHz	QPSK	43065	12RB#0	21.56	24.09	PASS
Band42(3450-3550)	5MHz	QPSK	43065	12RB#6	21.52	24.05	PASS
Band42(3450-3550)	5MHz	QPSK	43065	12RB#13	21.55	24.08	PASS
Band42(3450-3550)	5MHz	QPSK	43065	25RB#0	21.59	24.12	PASS
Band42(3450-3550)	10MHz	QPSK	42140	1RB#0	22.13	24.66	PASS
Band42(3450-3550)	10MHz	QPSK	42140	1RB#24	21.88	24.41	PASS
Band42(3450-3550)	10MHz	QPSK	42140	1RB#49	21.75	24.28	PASS
Band42(3450-3550)	10MHz	QPSK	42140	25RB#0	20.97	23.5	PASS
Band42(3450-3550)	10MHz	QPSK	42140	25RB#12	20.84	23.37	PASS
Band42(3450-3550)	10MHz	QPSK	42140	25RB#25	20.81	23.34	PASS
Band42(3450-3550)	10MHz	QPSK	42140	50RB#0	20.88	23.41	PASS
Band42(3450-3550)	10MHz	QPSK	42590	1RB#0	22.52	25.05	PASS
Band42(3450-3550)	10MHz	QPSK	42590	1RB#24	22.45	24.98	PASS
Band42(3450-3550)	10MHz	QPSK	42590	1RB#49	22.49	25.02	PASS
Band42(3450-3550)	10MHz	QPSK	42590	25RB#0	21.49	24.02	PASS
Band42(3450-3550)	10MHz	QPSK	42590	25RB#12	21.45	23.98	PASS
Band42(3450-3550)	10MHz	QPSK	42590	25RB#25	21.45	23.98	PASS
Band42(3450-3550)	10MHz	QPSK	42590	50RB#0	21.47	24	PASS
Band42(3450-3550)	10MHz	QPSK	43040	1RB#0	22.52	25.05	PASS



Band42(3450-3550)	10MHz	QPSK	43040	1RB#24	22.53	25.06	PASS
Band42(3450-3550)	10MHz	QPSK	43040	1RB#49	22.64	25.17	PASS
Band42(3450-3550)	10MHz	QPSK	43040	25RB#0	21.56	24.09	PASS
Band42(3450-3550)	10MHz	QPSK	43040	25RB#12	21.60	24.13	PASS
Band42(3450-3550)	10MHz	QPSK	43040	25RB#25	21.60	24.13	PASS
Band42(3450-3550)	10MHz	QPSK	43040	50RB#0	21.62	24.15	PASS
Band42(3450-3550)	15MHz	QPSK	42165	1RB#0	22.09	24.62	PASS
Band42(3450-3550)	15MHz	QPSK	42165	1RB#38	21.75	24.28	PASS
Band42(3450-3550)	15MHz	QPSK	42165	1RB#74	21.73	24.26	PASS
Band42(3450-3550)	15MHz	QPSK	42165	38RB#0	20.79	23.32	PASS
Band42(3450-3550)	15MHz	QPSK	42165	38RB#18	20.75	23.28	PASS
Band42(3450-3550)	15MHz	QPSK	42165	38RB#37	20.78	23.31	PASS
Band42(3450-3550)	15MHz	QPSK	42165	75RB#0	20.78	23.31	PASS
Band42(3450-3550)	15MHz	QPSK	42590	1RB#0	22.55	25.08	PASS
Band42(3450-3550)	15MHz	QPSK	42590	1RB#38	22.48	25.01	PASS
Band42(3450-3550)	15MHz	QPSK	42590	1RB#74	22.58	25.11	PASS
Band42(3450-3550)	15MHz	QPSK	42590	38RB#0	21.46	23.99	PASS
Band42(3450-3550)	15MHz	QPSK	42590	38RB#18	21.41	23.94	PASS
Band42(3450-3550)	15MHz	QPSK	42590	38RB#37	21.47	24	PASS
Band42(3450-3550)	15MHz	QPSK	42590	75RB#0	21.46	23.99	PASS
Band42(3450-3550)	15MHz	QPSK	43015	1RB#0	22.37	24.9	PASS
Band42(3450-3550)	15MHz	QPSK	43015	1RB#38	22.52	25.05	PASS
Band42(3450-3550)	15MHz	QPSK	43015	1RB#74	22.68	25.21	PASS
Band42(3450-3550)	15MHz	QPSK	43015	38RB#0	21.51	24.04	PASS
Band42(3450-3550)	15MHz	QPSK	43015	38RB#18	21.50	24.03	PASS
Band42(3450-3550)	15MHz	QPSK	43015	38RB#37	21.53	24.06	PASS
Band42(3450-3550)	15MHz	QPSK	43015	75RB#0	21.52	24.05	PASS
Band42(3450-3550)	20MHz	QPSK	42190	1RB#0	22.08	24.61	PASS
Band42(3450-3550)	20MHz	QPSK	42190	1RB#49	21.76	24.29	PASS
Band42(3450-3550)	20MHz	QPSK	42190	1RB#99	21.74	24.27	PASS
Band42(3450-3550)	20MHz	QPSK	42190	50RB#0	20.87	23.4	PASS
Band42(3450-3550)	20MHz	QPSK	42190	50RB#25	20.73	23.26	PASS
Band42(3450-3550)	20MHz	QPSK	42190	50RB#50	20.70	23.23	PASS
Band42(3450-3550)	20MHz	QPSK	42190	100RB#0	20.79	23.32	PASS
Band42(3450-3550)	20MHz	QPSK	42590	1RB#0	22.32	24.85	PASS
Band42(3450-3550)	20MHz	QPSK	42590	1RB#49	22.49	25.02	PASS
Band42(3450-3550)	20MHz	QPSK	42590	1RB#99	22.42	24.95	PASS
Band42(3450-3550)	20MHz	QPSK	42590	50RB#0	21.46	23.99	PASS
Band42(3450-3550)	20MHz	QPSK	42590	50RB#25	21.42	23.95	PASS
Band42(3450-3550)	20MHz	QPSK	42590	50RB#50	21.44	23.97	PASS
Band42(3450-3550)	20MHz	QPSK	42590	100RB#0	21.44	23.97	PASS
Band42(3450-3550)	20MHz	QPSK	42990	1RB#0	22.21	24.74	PASS
Band42(3450-3550)	20MHz	QPSK	42990	1RB#49	22.49	25.02	PASS



Band42(3450-3550)	20MHz	QPSK	42990	1RB#99	22.71	25.24	PASS
Band42(3450-3550)	20MHz	QPSK	42990	50RB#0	21.34	23.87	PASS
Band42(3450-3550)	20MHz	QPSK	42990	50RB#25	21.47	24	PASS
Band42(3450-3550)	20MHz	QPSK	42990	50RB#50	21.66	24.19	PASS
Band42(3450-3550)	20MHz	QPSK	42990	100RB#0	21.48	24.01	PASS

Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band42(3450-3550)	5MHz	QPSK	42115	25RB#0	6.25	13	PASS
Band42(3450-3550)	5MHz	QPSK	42590	25RB#0	6.06	13	PASS
Band42(3450-3550)	5MHz	QPSK	43065	25RB#0	6.20	13	PASS
Band42(3450-3550)	10MHz	QPSK	42140	50RB#0	6.01	13	PASS
Band42(3450-3550)	10MHz	QPSK	42590	50RB#0	6.08	13	PASS
Band42(3450-3550)	10MHz	QPSK	43040	50RB#0	6.15	13	PASS
Band42(3450-3550)	15MHz	QPSK	42165	75RB#0	5.86	13	PASS
Band42(3450-3550)	15MHz	QPSK	42590	75RB#0	5.82	13	PASS
Band42(3450-3550)	15MHz	QPSK	43015	75RB#0	5.85	13	PASS
Band42(3450-3550)	20MHz	QPSK	42190	100RB#0	5.83	13	PASS
Band42(3450-3550)	20MHz	QPSK	42590	100RB#0	5.93	13	PASS
Band42(3450-3550)	20MHz	QPSK	42990	100RB#0	5.89	13	PASS

Test Graphs

Band42(3450-3550)-5MHz-QPSK-42115-25RB#0- PASS	Band42(3450-3550)-5MHz-QPSK-42590-25RB#0- PASS
Band42(3450-3550)-5MHz-QPSK-43065-25RB#0- PASS	Band42(3450-3550)-10MHz-QPSK-42140-50RB# 0-PASS
Band42(3450-3550)-10MHz-QPSK-42590-50RB# 0-PASS	Band42(3450-3550)-10MHz-QPSK-43040-50RB# 0-PASS
Band42(3450-3550)-15MHz-QPSK-42165-75RB# 0-PASS	Band42(3450-3550)-15MHz-QPSK-42590-75RB# 0-PASS
Band42(3450-3550)-15MHz-QPSK-43015-75RB# 0-PASS	Band42(3450-3550)-20MHz-QPSK-42190-100RB #0-PASS



Band42(3450-3550)-20MHz-QPSK-42590-100RB
#0-PASS



Band42(3450-3550)-20MHz-QPSK-42990-100RB
#0-PASS



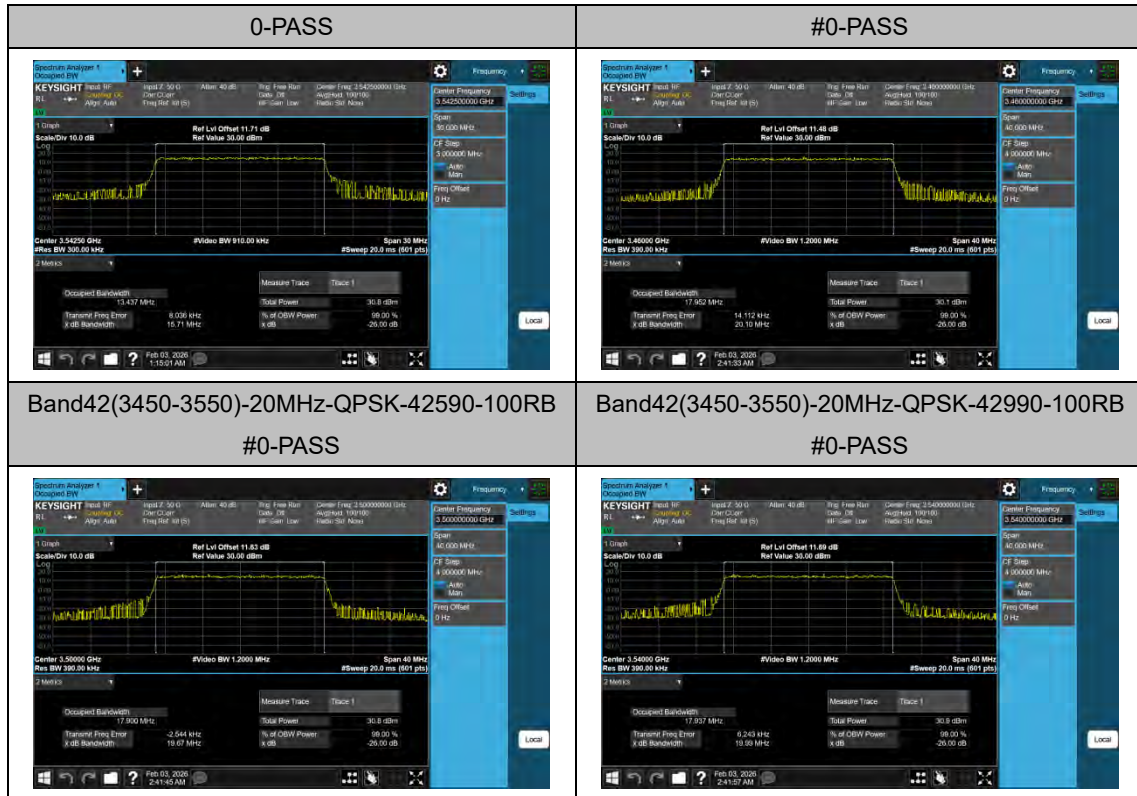
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band42(3450-3550)	5MHz	QPSK	42115	25RB#0	4.5002	5.199	PASS
Band42(3450-3550)	5MHz	QPSK	42590	25RB#0	4.5001	5.031	PASS
Band42(3450-3550)	5MHz	QPSK	43065	25RB#0	4.4955	5.123	PASS
Band42(3450-3550)	10MHz	QPSK	42140	50RB#0	8.9779	10.25	PASS
Band42(3450-3550)	10MHz	QPSK	42590	50RB#0	8.9772	10.02	PASS
Band42(3450-3550)	10MHz	QPSK	43040	50RB#0	8.9758	10.04	PASS
Band42(3450-3550)	15MHz	QPSK	42165	75RB#0	13.469	14.64	PASS
Band42(3450-3550)	15MHz	QPSK	42590	75RB#0	13.436	15.42	PASS
Band42(3450-3550)	15MHz	QPSK	43015	75RB#0	13.437	15.71	PASS
Band42(3450-3550)	20MHz	QPSK	42190	100RB#0	17.952	20.10	PASS
Band42(3450-3550)	20MHz	QPSK	42590	100RB#0	17.900	19.67	PASS
Band42(3450-3550)	20MHz	QPSK	42990	100RB#0	17.937	19.99	PASS

Test Graphs

Band42(3450-3550)-5MHz-QPSK-42115-25RB#0- PASS	Band42(3450-3550)-5MHz-QPSK-42590-25RB#0- PASS
Band42(3450-3550)-5MHz-QPSK-43065-25RB#0- PASS	Band42(3450-3550)-10MHz-QPSK-42140-50RB# 0-PASS
Band42(3450-3550)-10MHz-QPSK-42590-50RB# 0-PASS	Band42(3450-3550)-10MHz-QPSK-43040-50RB# 0-PASS
Band42(3450-3550)-15MHz-QPSK-42165-75RB# 0-PASS	Band42(3450-3550)-15MHz-QPSK-42590-75RB# 0-PASS
Band42(3450-3550)-15MHz-QPSK-43015-75RB# 0-PASS	Band42(3450-3550)-20MHz-QPSK-42190-100RB 0-PASS

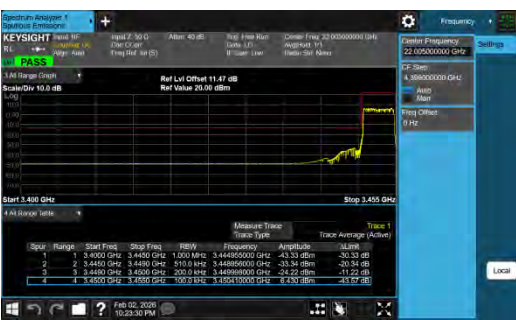
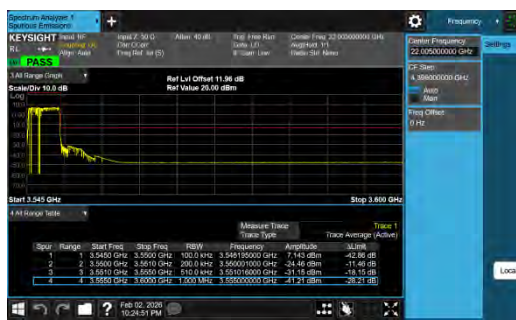


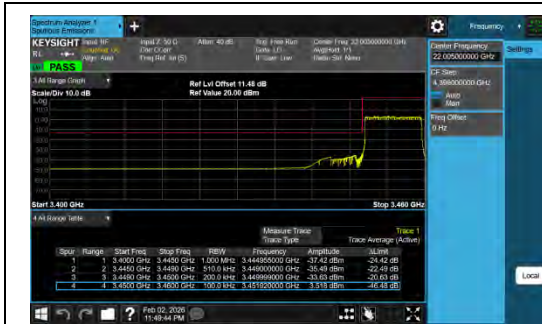
Appendix D: Band Edge

Test Result

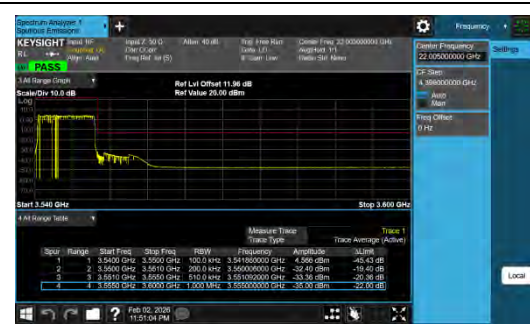
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Margin (dB)	Verdict
Band42(3450-3550)	5MHz	QPSK	42115	25RB#0	-24.22	11.22	PASS
Band42(3450-3550)	5MHz	QPSK	43065	25RB#0	-24.46	11.46	PASS
Band42(3450-3550)	10MHz	QPSK	42140	50RB#0	-33.63	20.63	PASS
Band42(3450-3550)	10MHz	QPSK	43040	50RB#0	-32.40	19.40	PASS
Band42(3450-3550)	15MHz	QPSK	42165	75RB#0	-36.22	23.22	PASS
Band42(3450-3550)	15MHz	QPSK	43015	75RB#0	-33.56	20.56	PASS
Band42(3450-3550)	20MHz	QPSK	42190	100RB#0	-37.82	24.82	PASS
Band42(3450-3550)	20MHz	QPSK	42990	100RB#0	-36.31	23.31	PASS

Test Graphs

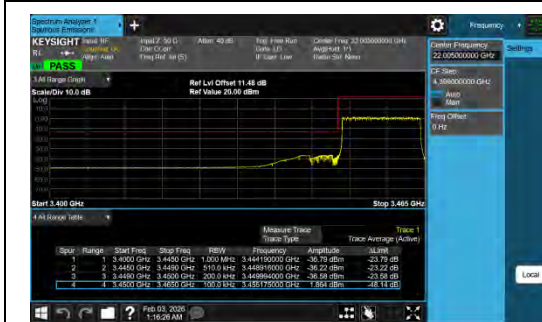
Band42(3450-3550)-5MHz-QPSK-42115-25RB#0- PASS 	Band42(3450-3550)-5MHz-QPSK-43065-25RB#0- PASS 
Band42(3450-3550)-10MHz-QPSK-42140-50RB#0- 0-PASS	Band42(3450-3550)-10MHz-QPSK-43040-50RB#0- 0-PASS



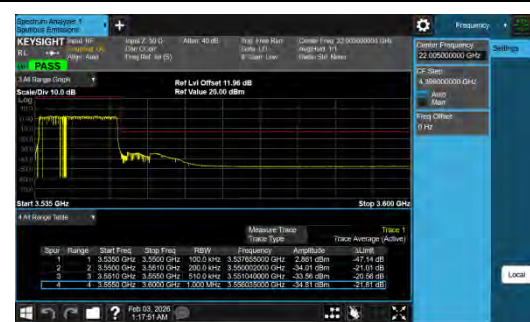
Band42(3450-3550)-15MHz-QPSK-42165-75RB#
0-PASS



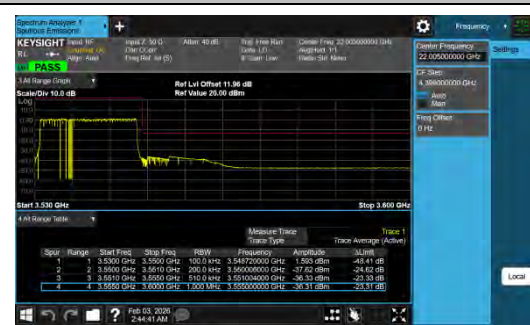
Band42(3450-3550)-15MHz-QPSK-43015-75RB#
0-PASS



Band42(3450-3550)-20MHz-QPSK-42190-100RB
#0-PASS



Band42(3450-3550)-20MHz-QPSK-42990-100RB
#0-PASS



Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Limit (dBm)	Verdict
Band42(3450-3550)	5MHz	QPSK	42115	25RB#0	0.009~0.15	-64.78	-43.0	PASS
Band42(3450-3550)	5MHz	QPSK	42115	25RB#0	0.15~30	-72.94	-33.0	PASS
Band42(3450-3550)	5MHz	QPSK	42115	25RB#0	30~1000	-60.56	-23.0	PASS
Band42(3450-3550)	5MHz	QPSK	42115	25RB#0	1000~3000	-48.14	-13.0	PASS
Band42(3450-3550)	5MHz	QPSK	42115	25RB#0	3000~6000	-39.13	-13.0	PASS
Band42(3450-3550)	5MHz	QPSK	42115	25RB#0	6000~18000	-37.15	-13.0	PASS
Band42(3450-3550)	5MHz	QPSK	42115	25RB#0	18000~40000	-38.24	-13.0	PASS
Band42(3450-3550)	5MHz	QPSK	42590	25RB#0	0.009~0.15	-65.47	-43.0	PASS
Band42(3450-3550)	5MHz	QPSK	42590	25RB#0	0.15~30	-73.27	-33.0	PASS
Band42(3450-3550)	5MHz	QPSK	42590	25RB#0	30~1000	-61.24	-23.0	PASS
Band42(3450-3550)	5MHz	QPSK	42590	25RB#0	1000~3000	-48.30	-13.0	PASS
Band42(3450-3550)	5MHz	QPSK	42590	25RB#0	3000~6000	-39.02	-13.0	PASS

Band42(3450-355 0)	5MHz	QPSK	42590	25RB#0	6000~18 000	-30.53	-13.0	PASS
Band42(3450-355 0)	5MHz	QPSK	42590	25RB#0	18000~4 0000	-38.34	-13.0	PASS
Band42(3450-355 0)	5MHz	QPSK	43065	25RB#0	0.009~0. 15	-64.16	-43.0	PASS
Band42(3450-355 0)	5MHz	QPSK	43065	25RB#0	0.15~30	-72.64	-33.0	PASS
Band42(3450-355 0)	5MHz	QPSK	43065	25RB#0	30~1000	-61.35	-23.0	PASS
Band42(3450-355 0)	5MHz	QPSK	43065	25RB#0	1000~30 00	-47.96	-13.0	PASS
Band42(3450-355 0)	5MHz	QPSK	43065	25RB#0	3000~60 00	-39.27	-13.0	PASS
Band42(3450-355 0)	5MHz	QPSK	43065	25RB#0	6000~18 000	-32.73	-13.0	PASS
Band42(3450-355 0)	5MHz	QPSK	43065	25RB#0	18000~4 0000	-38.25	-13.0	PASS
Band42(3450-355 0)	10MHz	QPSK	42140	50RB#0	0.009~0. 15	-66.24	-43.0	PASS
Band42(3450-355 0)	10MHz	QPSK	42140	50RB#0	0.15~30	-71.97	-33.0	PASS
Band42(3450-355 0)	10MHz	QPSK	42140	50RB#0	30~1000	-61.38	-23.0	PASS
Band42(3450-355 0)	10MHz	QPSK	42140	50RB#0	1000~30 00	-48.23	-13.0	PASS
Band42(3450-355 0)	10MHz	QPSK	42140	50RB#0	3000~60 00	-39.35	-13.0	PASS
Band42(3450-355 0)	10MHz	QPSK	42140	50RB#0	6000~18 000	-32.45	-13.0	PASS

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Band42(3450-3550)	10MHz	QPSK	42140	50RB#0	18000~40000	-38.09	-13.0	PASS
Band42(3450-3550)	10MHz	QPSK	42590	50RB#0	0.009~0.15	-62.09	-43.0	PASS
Band42(3450-3550)	10MHz	QPSK	42590	50RB#0	0.15~30	-73.39	-33.0	PASS
Band42(3450-3550)	10MHz	QPSK	42590	50RB#0	30~1000	-60.96	-23.0	PASS
Band42(3450-3550)	10MHz	QPSK	42590	50RB#0	1000~3000	-48.21	-13.0	PASS
Band42(3450-3550)	10MHz	QPSK	42590	50RB#0	3000~6000	-38.85	-13.0	PASS
Band42(3450-3550)	10MHz	QPSK	42590	50RB#0	6000~18000	-32.92	-13.0	PASS
Band42(3450-3550)	10MHz	QPSK	42590	50RB#0	18000~40000	-38.08	-13.0	PASS
Band42(3450-3550)	10MHz	QPSK	43040	50RB#0	0.009~0.15	-65.93	-43.0	PASS
Band42(3450-3550)	10MHz	QPSK	43040	50RB#0	0.15~30	-73.66	-33.0	PASS
Band42(3450-3550)	10MHz	QPSK	43040	50RB#0	30~1000	-60.60	-23.0	PASS
Band42(3450-3550)	10MHz	QPSK	43040	50RB#0	1000~3000	-48.02	-13.0	PASS
Band42(3450-3550)	10MHz	QPSK	43040	50RB#0	3000~6000	-39.35	-13.0	PASS
Band42(3450-3550)	10MHz	QPSK	43040	50RB#0	6000~18000	-34.27	-13.0	PASS
Band42(3450-3550)	10MHz	QPSK	43040	50RB#0	18000~40000	-38.51	-13.0	PASS

3450-355 0)					0000			
Band42(3450-355 0)	15MHz	QPSK	42165	75RB#0	0.009~0. 15	-66.50	-43.0	PASS
Band42(3450-355 0)	15MHz	QPSK	42165	75RB#0	0.15~30	-72.02	-33.0	PASS
Band42(3450-355 0)	15MHz	QPSK	42165	75RB#0	30~1000	-61.60	-23.0	PASS
Band42(3450-355 0)	15MHz	QPSK	42165	75RB#0	1000~30 00	-48.00	-13.0	PASS
Band42(3450-355 0)	15MHz	QPSK	42165	75RB#0	3000~60 00	-39.28	-13.0	PASS
Band42(3450-355 0)	15MHz	QPSK	42165	75RB#0	6000~18 000	-51.10	-13.0	PASS
Band42(3450-355 0)	15MHz	QPSK	42165	75RB#0	18000~4 0000	-38.63	-13.0	PASS
Band42(3450-355 0)	15MHz	QPSK	42590	75RB#0	0.009~0. 15	-66.81	-43.0	PASS
Band42(3450-355 0)	15MHz	QPSK	42590	75RB#0	0.15~30	-73.51	-33.0	PASS
Band42(3450-355 0)	15MHz	QPSK	42590	75RB#0	30~1000	-61.44	-23.0	PASS
Band42(3450-355 0)	15MHz	QPSK	42590	75RB#0	1000~30 00	-48.30	-13.0	PASS
Band42(3450-355 0)	15MHz	QPSK	42590	75RB#0	3000~60 00	-39.34	-13.0	PASS
Band42(3450-355 0)	15MHz	QPSK	42590	75RB#0	6000~18 000	-50.93	-13.0	PASS
Band42(3450-355 0)	15MHz	QPSK	42590	75RB#0	18000~4 0000	-38.39	-13.0	PASS

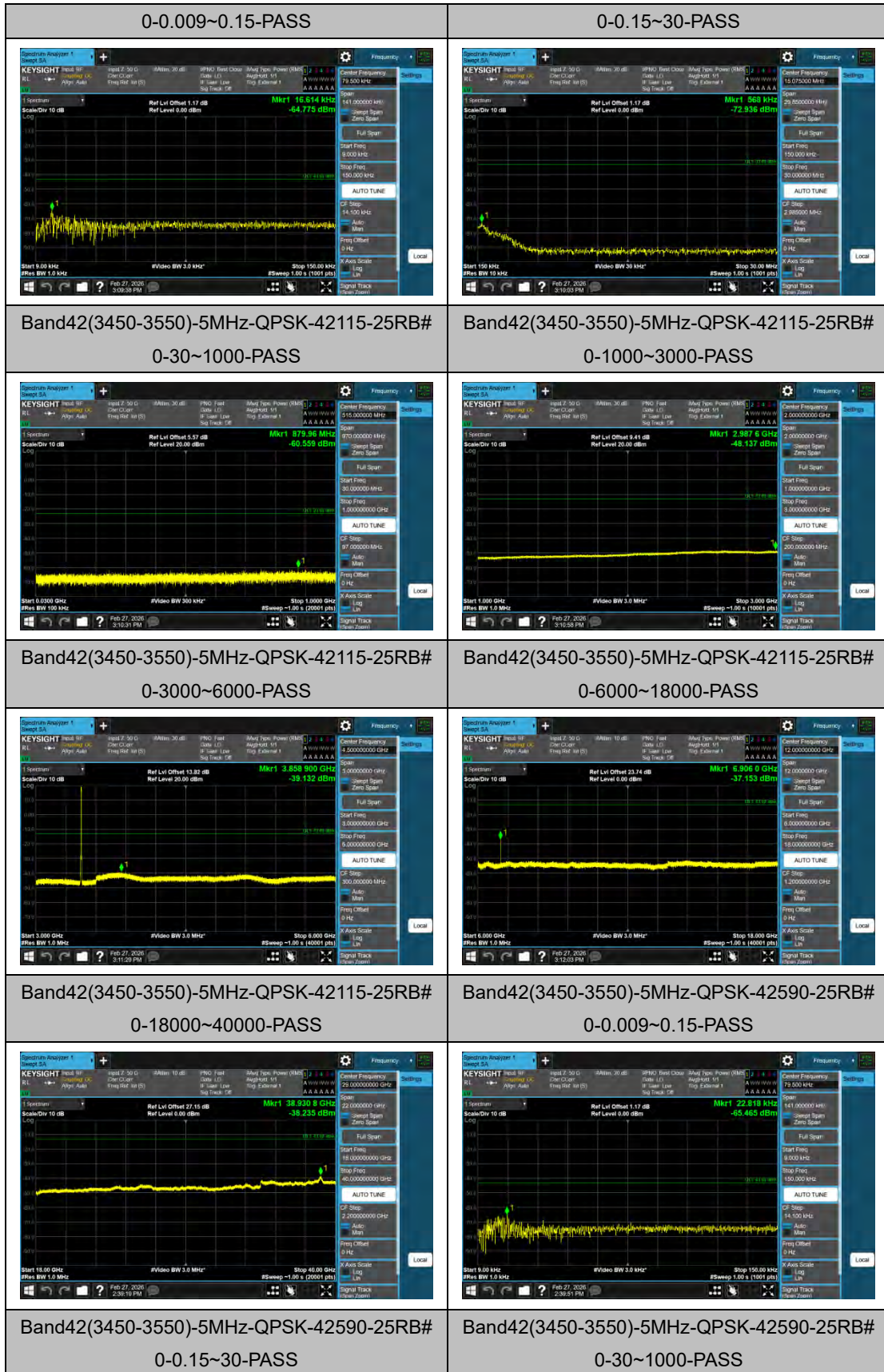
Band42(3450-355 0)	15MHz	QPSK	43015	75RB#0	0.009~0. 15	-67.03	-43.0	PASS
Band42(3450-355 0)	15MHz	QPSK	43015	75RB#0	0.15~30	-71.93	-33.0	PASS
Band42(3450-355 0)	15MHz	QPSK	43015	75RB#0	30~1000	-61.30	-23.0	PASS
Band42(3450-355 0)	15MHz	QPSK	43015	75RB#0	1000~30 00	-48.15	-13.0	PASS
Band42(3450-355 0)	15MHz	QPSK	43015	75RB#0	3000~60 00	-38.97	-13.0	PASS
Band42(3450-355 0)	15MHz	QPSK	43015	75RB#0	6000~18 000	-34.36	-13.0	PASS
Band42(3450-355 0)	15MHz	QPSK	43015	75RB#0	18000~4 0000	-38.72	-13.0	PASS
Band42(3450-355 0)	20MHz	QPSK	42190	100RB#0	0.009~0. 15	-65.06	-43.0	PASS
Band42(3450-355 0)	20MHz	QPSK	42190	100RB#0	0.15~30	-72.71	-33.0	PASS
Band42(3450-355 0)	20MHz	QPSK	42190	100RB#0	30~1000	-61.60	-23.0	PASS
Band42(3450-355 0)	20MHz	QPSK	42190	100RB#0	1000~30 00	-48.26	-13.0	PASS
Band42(3450-355 0)	20MHz	QPSK	42190	100RB#0	3000~60 00	-39.45	-13.0	PASS
Band42(3450-355 0)	20MHz	QPSK	42190	100RB#0	6000~18 000	-50.88	-13.0	PASS
Band42(3450-355 0)	20MHz	QPSK	42190	100RB#0	18000~4 0000	-38.27	-13.0	PASS
Band42(3450-355	20MHz	QPSK	42590	100RB#0	0.009~0. 15	-64.66	-43.0	PASS

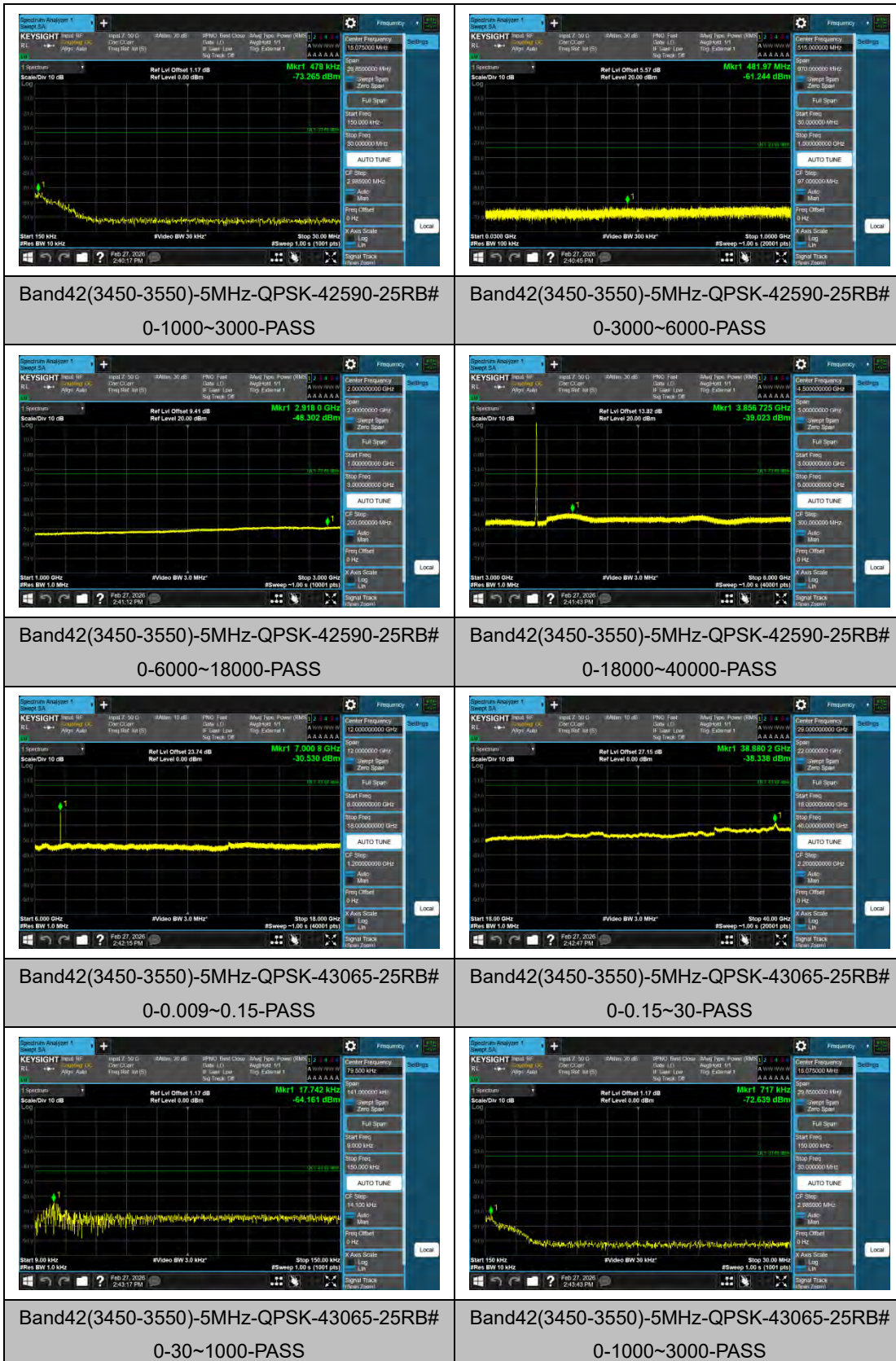
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Band42(3450-3550)	20MHz	QPSK	42590	100RB#0	0.15~30	-73.63	-33.0	PASS
Band42(3450-3550)	20MHz	QPSK	42590	100RB#0	30~1000	-61.53	-23.0	PASS
Band42(3450-3550)	20MHz	QPSK	42590	100RB#0	1000~3000	-48.29	-13.0	PASS
Band42(3450-3550)	20MHz	QPSK	42590	100RB#0	3000~6000	-39.41	-13.0	PASS
Band42(3450-3550)	20MHz	QPSK	42590	100RB#0	6000~18000	-35.03	-13.0	PASS
Band42(3450-3550)	20MHz	QPSK	42590	100RB#0	18000~40000	-38.41	-13.0	PASS
Band42(3450-3550)	20MHz	QPSK	42990	100RB#0	0.009~0.15	-65.54	-43.0	PASS
Band42(3450-3550)	20MHz	QPSK	42990	100RB#0	0.15~30	-73.51	-33.0	PASS
Band42(3450-3550)	20MHz	QPSK	42990	100RB#0	30~1000	-60.74	-23.0	PASS
Band42(3450-3550)	20MHz	QPSK	42990	100RB#0	1000~3000	-48.09	-13.0	PASS
Band42(3450-3550)	20MHz	QPSK	42990	100RB#0	3000~6000	-39.50	-13.0	PASS
Band42(3450-3550)	20MHz	QPSK	42990	100RB#0	6000~18000	-36.45	-13.0	PASS
Band42(3450-3550)	20MHz	QPSK	42990	100RB#0	18000~40000	-38.65	-13.0	PASS

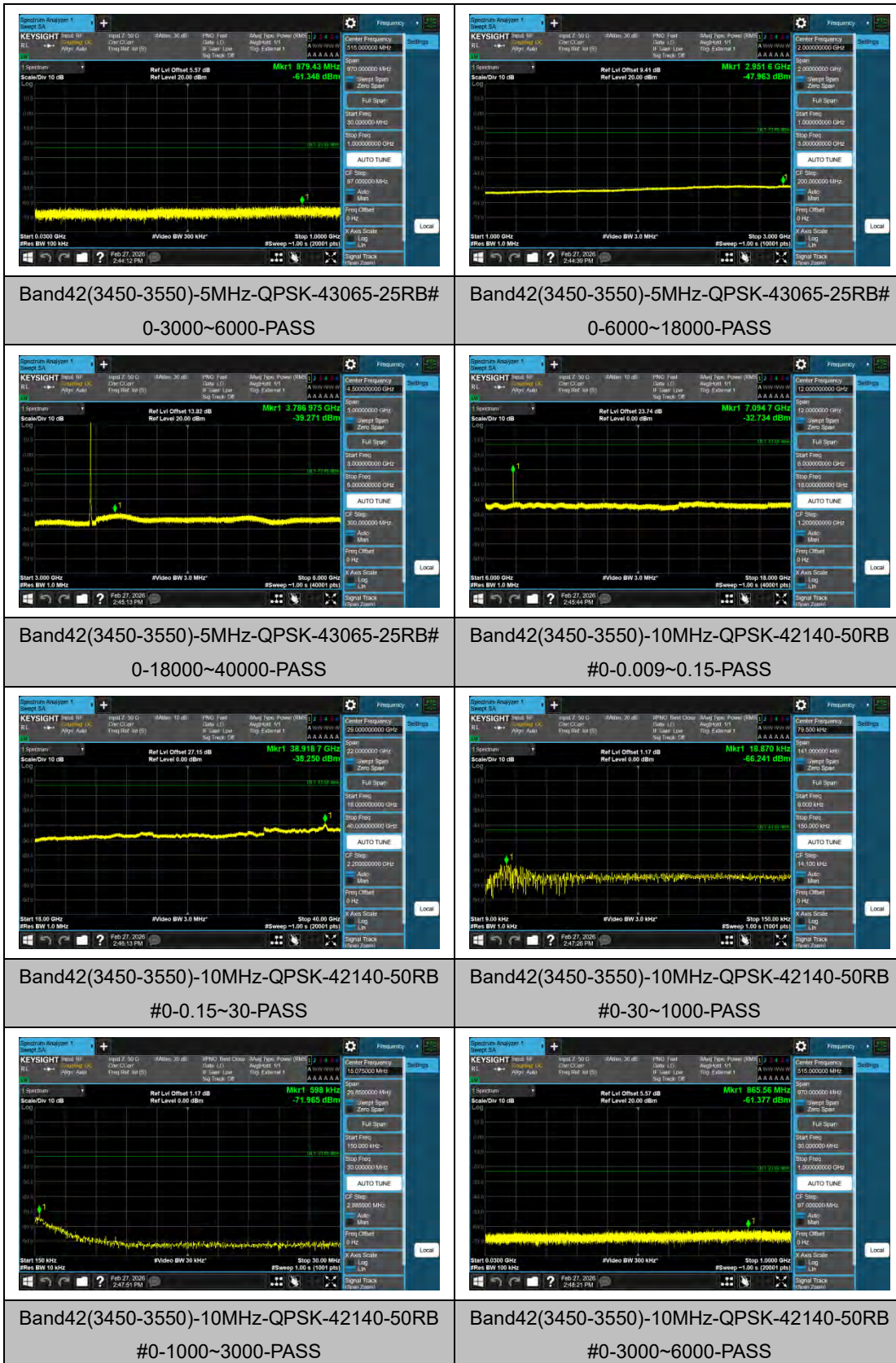
Test Graphs

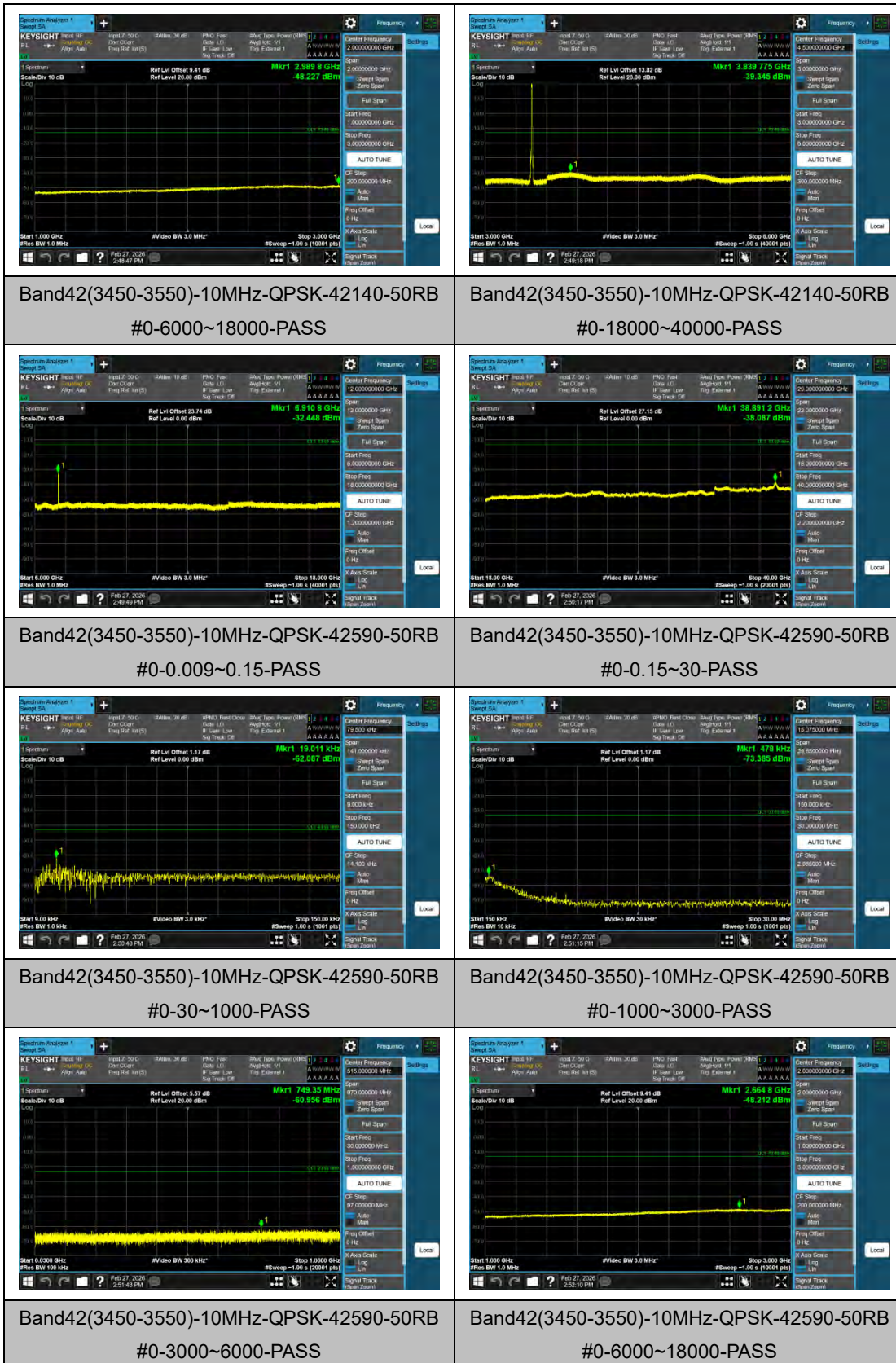
Band42(3450-3550)-5MHz-QPSK-42115-25RB#

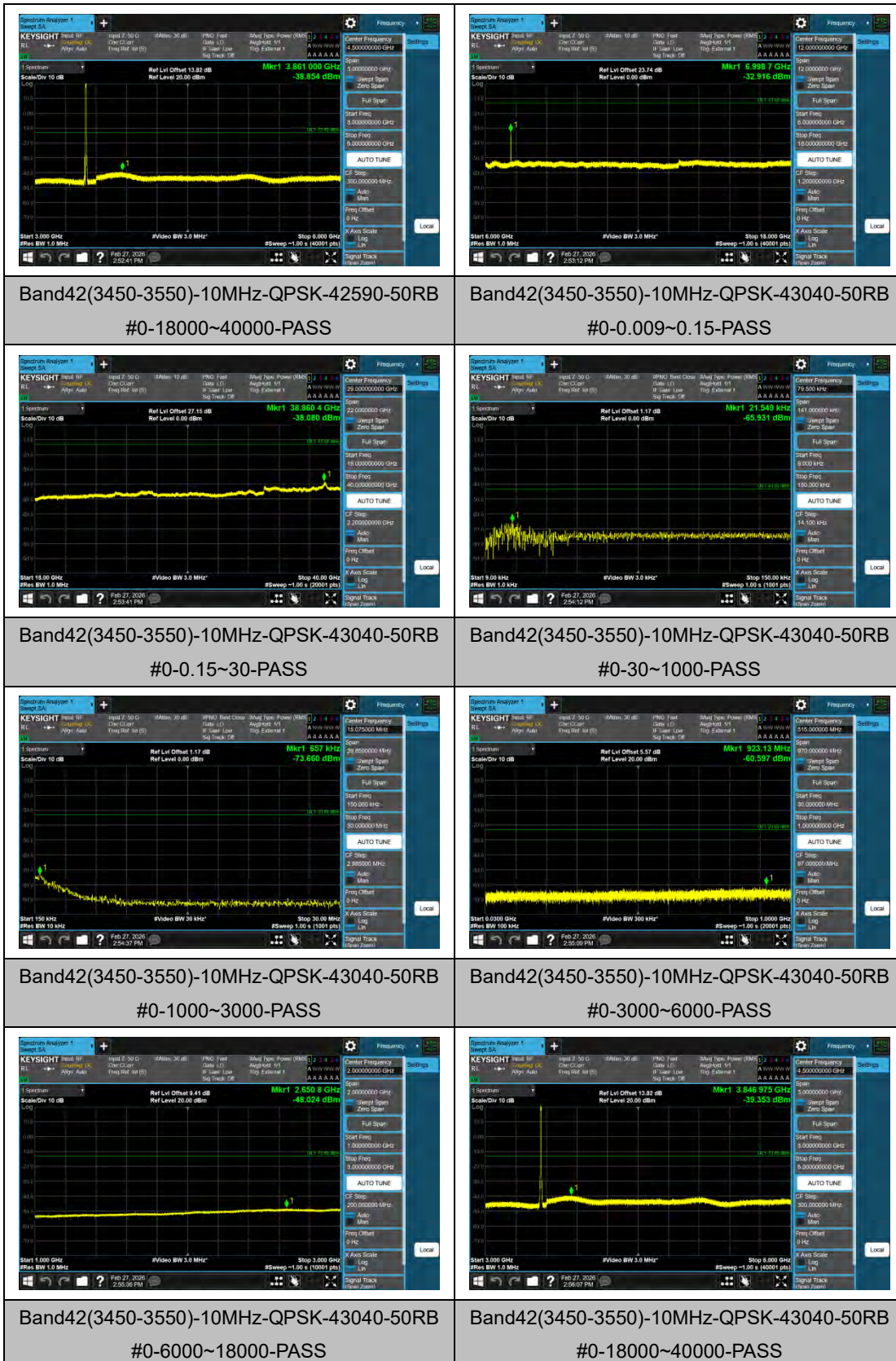
Band42(3450-3550)-5MHz-QPSK-42115-25RB#

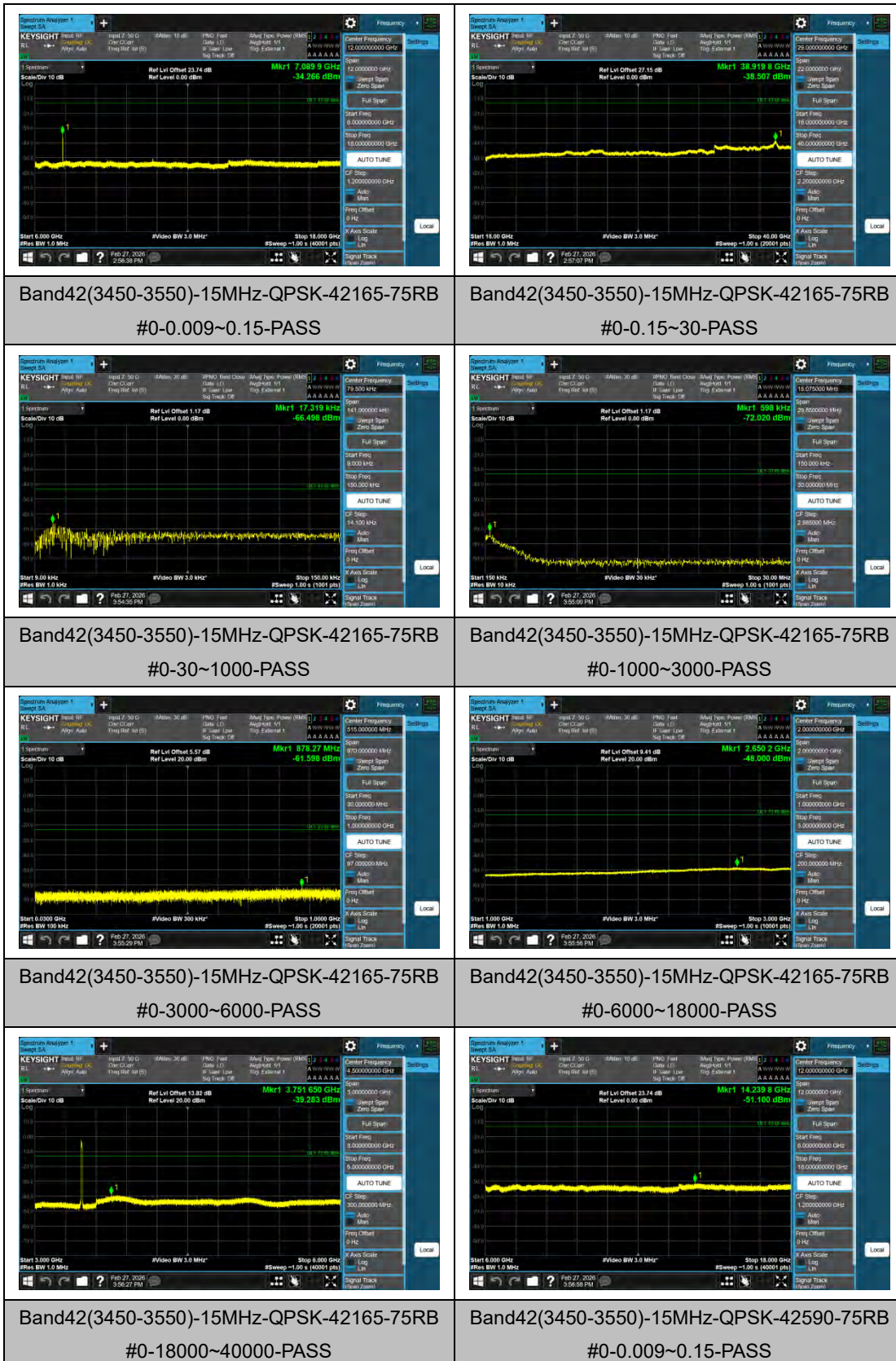


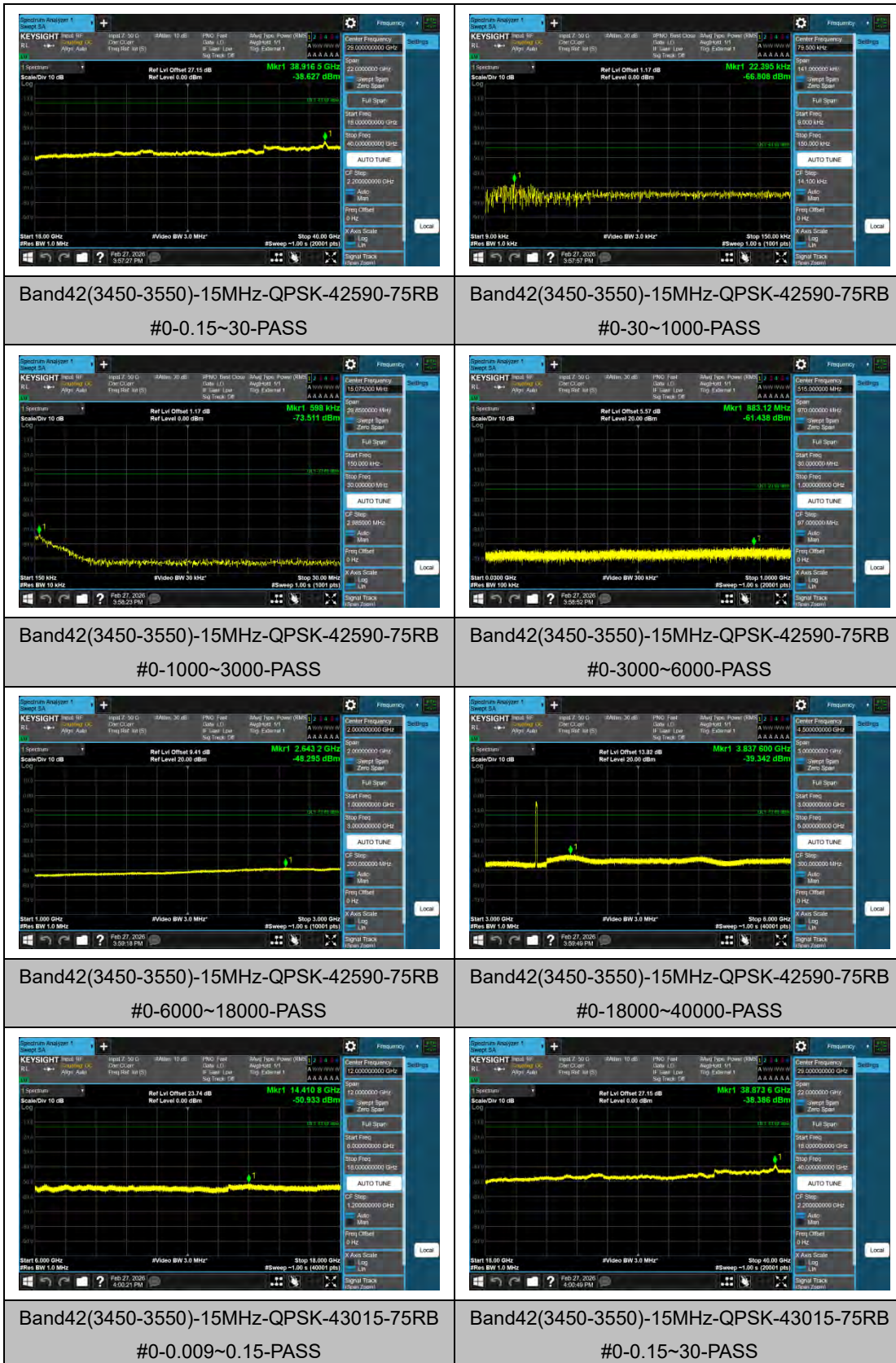


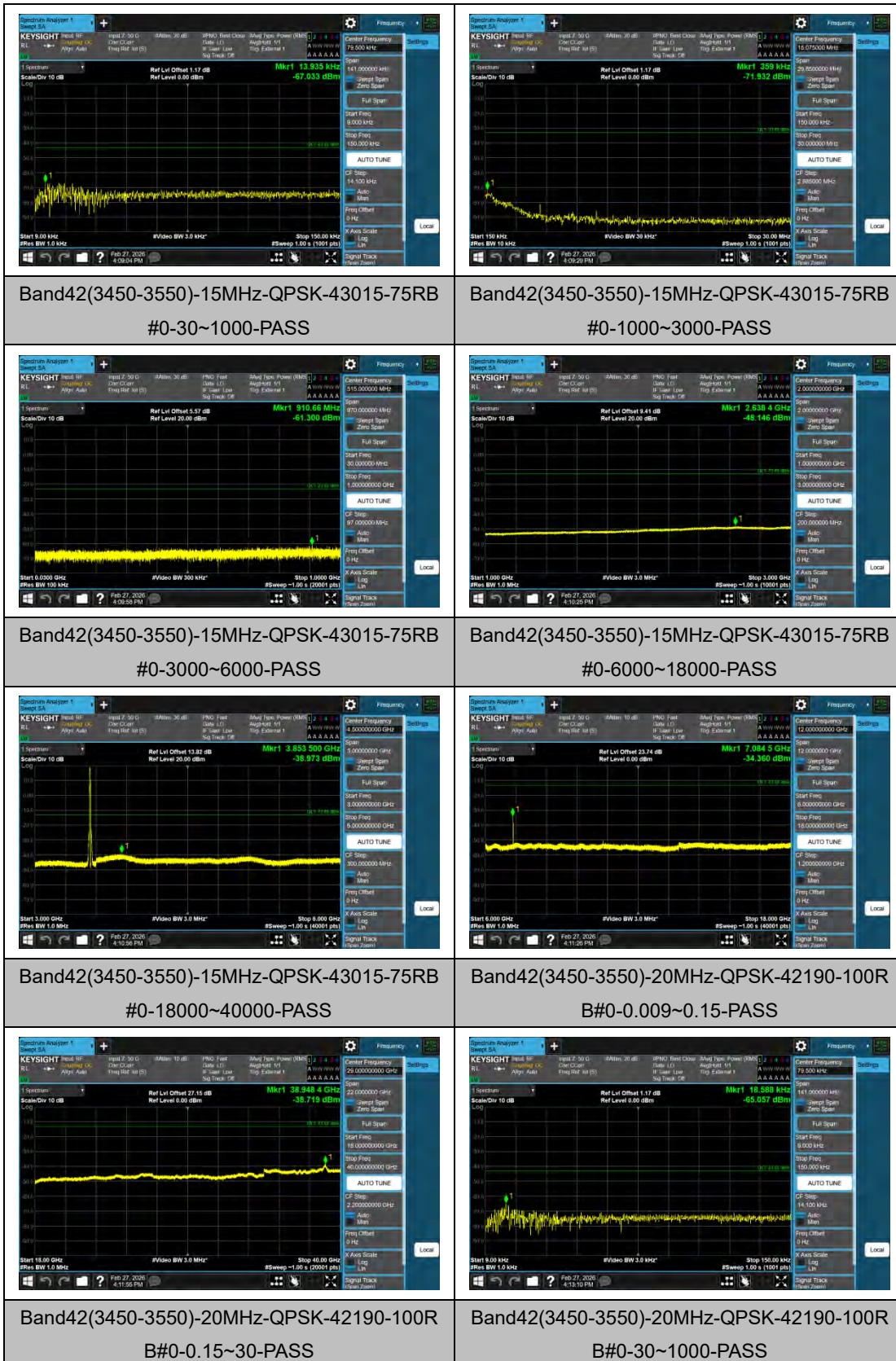


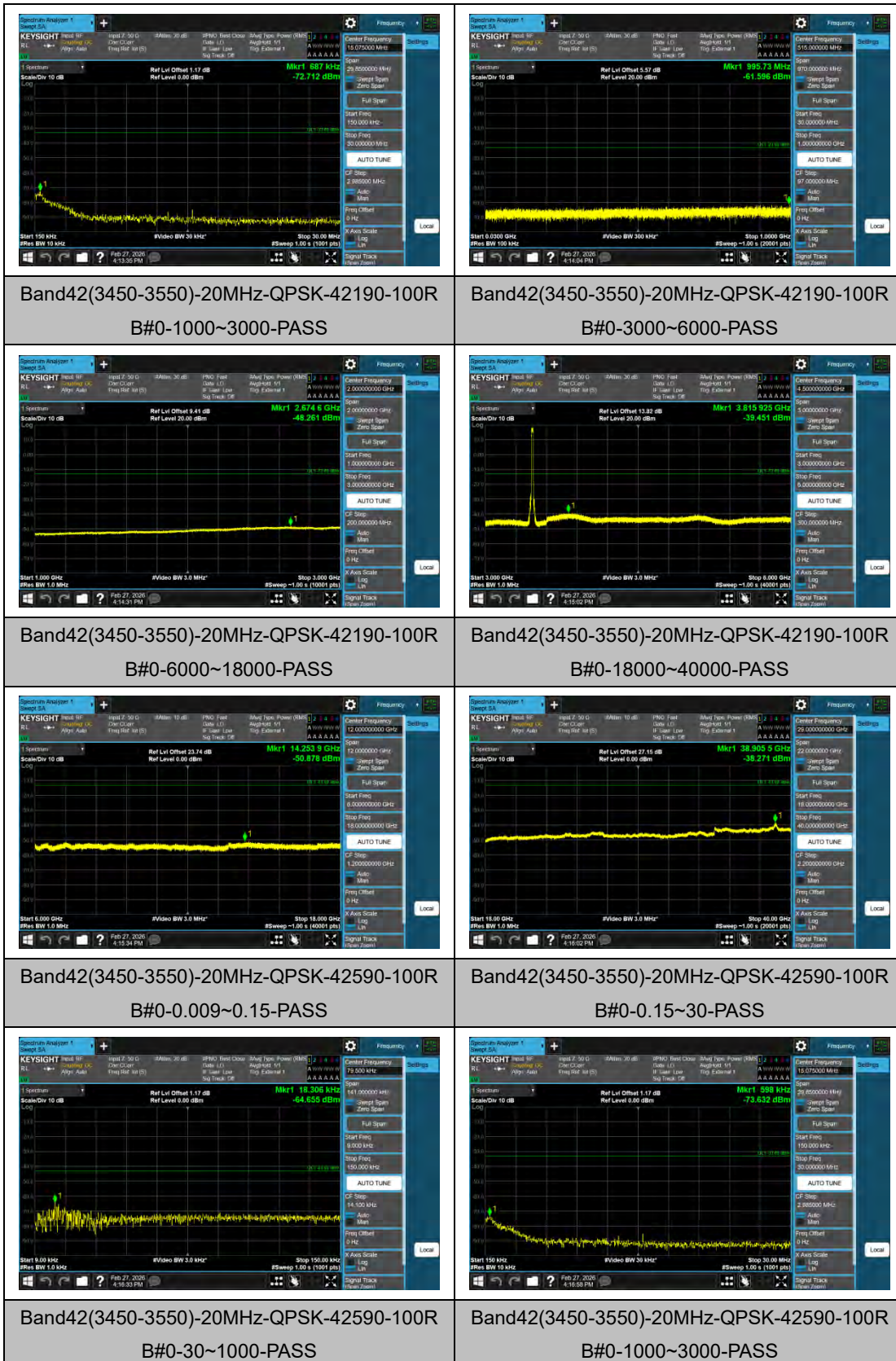


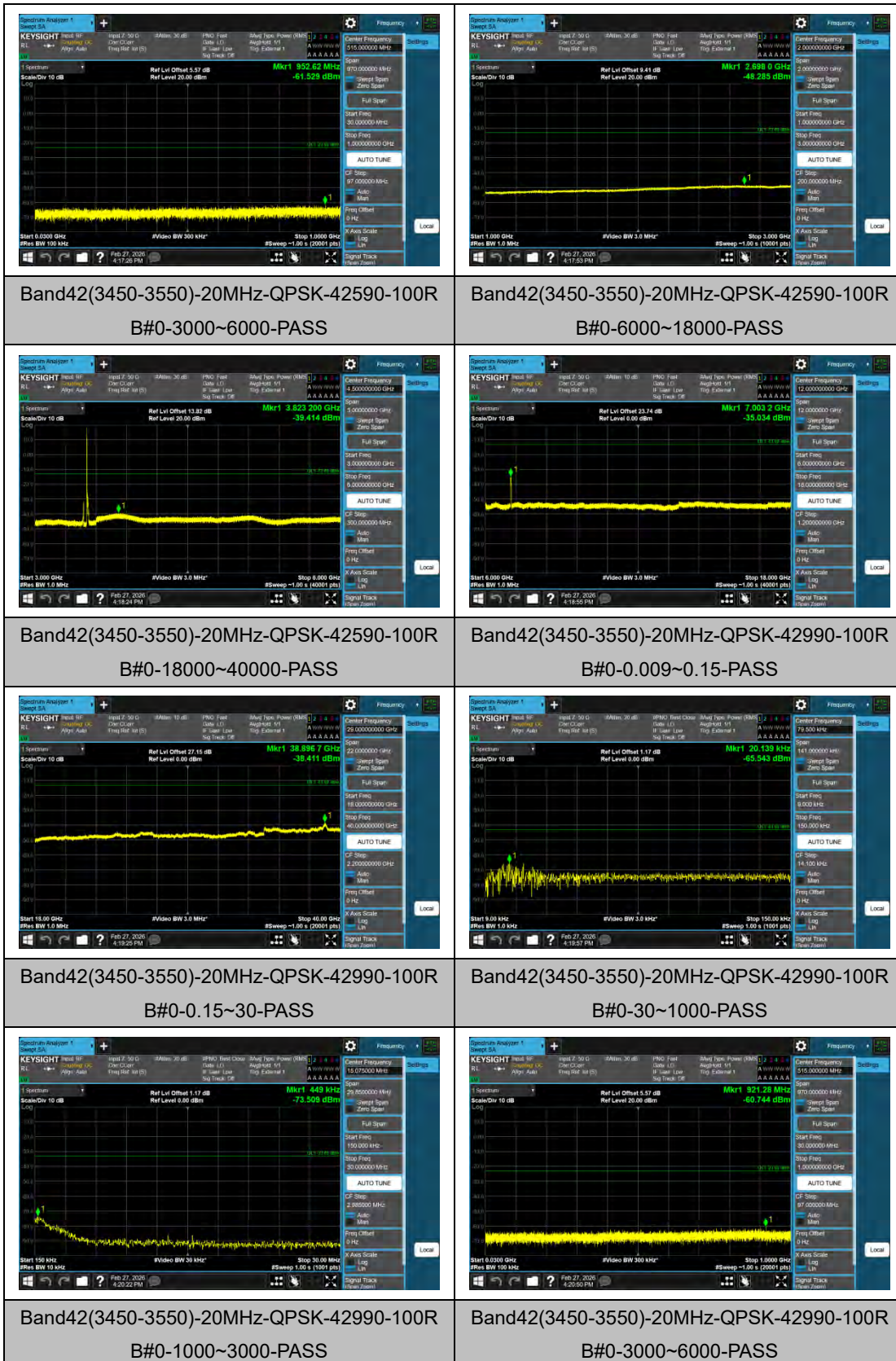


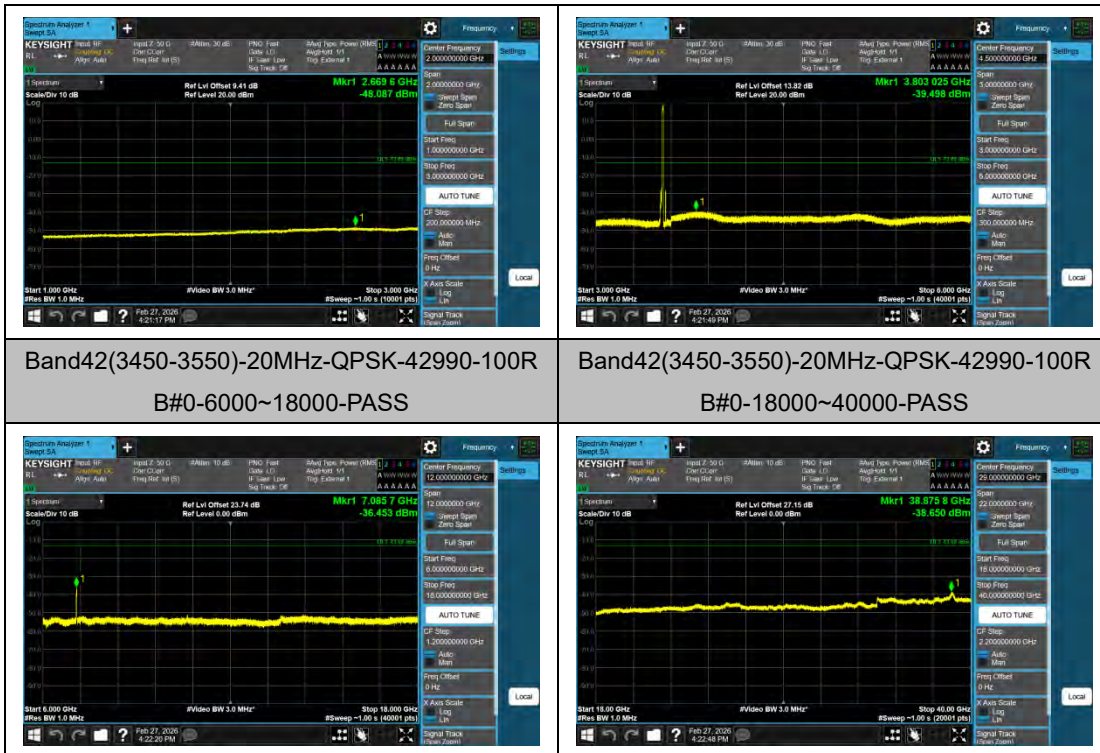












Appendix F: Frequency Stability

Test Result

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band42 (3450-3550)	5MHz	QPSK	42115	25RB#0	NV	-30	-6.48	-0.001877	±2.5	PASS
Band42 (3450-3550)	5MHz	QPSK	42115	25RB#0	NV	-20	-5.40	-0.001564	±2.5	PASS
Band42 (3450-3550)	5MHz	QPSK	42115	25RB#0	NV	-10	5.13	0.001486	±2.5	PASS
Band42 (3450-3550)	5MHz	QPSK	42115	25RB#0	NV	0	-6.66	-0.001929	±2.5	PASS
Band42 (3450-3550)	5MHz	QPSK	42115	25RB#0	NV	10	-15.78	-0.004571	±2.5	PASS
Band42 (3450-3550)	5MHz	QPSK	42115	25RB#0	NV	20	-11.89	-0.003444	±2.5	PASS
Band42 (3450-3550)	5MHz	QPSK	42115	25RB#0	NV	30	-6.99	-0.002025	±2.5	PASS
Band42 (3450-3550)	5MHz	QPSK	42115	25RB#0	NV	40	-6.26	-0.001813	±2.5	PASS
Band42 (3450-3550)	5MHz	QPSK	42115	25RB#0	NV	50	-6.91	-0.002001	±2.5	PASS
Band42 (3450-3550)	5MHz	QPSK	42590	25RB#0	NV	-30	-4.89	-0.001397	±2.5	PASS
Band42 (3450-3550)	5MHz	QPSK	42590	25RB#0	NV	-20	-9.43	-0.002694	±2.5	PASS
Band42 (3450-3550)	5MHz	QPSK	42590	25RB#0	NV	-10	7.71	0.002203	±2.5	PASS

(3450-3 550)										
Band42 (3450-3 550)	5MHz	QPSK	42590	25RB#0	NV	0	10.11	0.002889	±2.5	PASS
Band42 (3450-3 550)	5MHz	QPSK	42590	25RB#0	NV	10	-13.41	-0.003831	±2.5	PASS
Band42 (3450-3 550)	5MHz	QPSK	42590	25RB#0	NV	20	-8.04	-0.002297	±2.5	PASS
Band42 (3450-3 550)	5MHz	QPSK	42590	25RB#0	NV	30	3.17	0.000906	±2.5	PASS
Band42 (3450-3 550)	5MHz	QPSK	42590	25RB#0	NV	40	8.09	0.002311	±2.5	PASS
Band42 (3450-3 550)	5MHz	QPSK	42590	25RB#0	NV	50	-7.03	-0.002009	±2.5	PASS
Band42 (3450-3 550)	5MHz	QPSK	43065	25RB#0	NV	-30	7.06	0.001990	±2.5	PASS
Band42 (3450-3 550)	5MHz	QPSK	43065	25RB#0	NV	-20	-7.54	-0.002125	±2.5	PASS
Band42 (3450-3 550)	5MHz	QPSK	43065	25RB#0	NV	-10	-3.80	-0.001071	±2.5	PASS
Band42 (3450-3 550)	5MHz	QPSK	43065	25RB#0	NV	0	-6.75	-0.001903	±2.5	PASS
Band42 (3450-3 550)	5MHz	QPSK	43065	25RB#0	NV	10	-11.56	-0.003259	±2.5	PASS
Band42 (3450-3 550)	5MHz	QPSK	43065	25RB#0	NV	20	-10.41	-0.002934	±2.5	PASS
Band42 (3450-3 550)	5MHz	QPSK	43065	25RB#0	NV	30	-6.81	-0.001920	±2.5	PASS
Band42 (3450-3 550)	5MHz	QPSK	43065	25RB#0	NV	40	6.08	0.001714	±2.5	PASS

550)										
Band42 (3450-3 550)	5MHz	QPSK	43065	25RB#0	NV	50	-9.95	-0.002805	±2.5	PASS
Band42 (3450-3 550)	10MHz	QPSK	42140	50RB#0	NV	-30	-4.83	-0.001398	±2.5	PASS
Band42 (3450-3 550)	10MHz	QPSK	42140	50RB#0	NV	-20	-5.68	-0.001644	±2.5	PASS
Band42 (3450-3 550)	10MHz	QPSK	42140	50RB#0	NV	-10	-7.59	-0.002197	±2.5	PASS
Band42 (3450-3 550)	10MHz	QPSK	42140	50RB#0	NV	0	-4.43	-0.001282	±2.5	PASS
Band42 (3450-3 550)	10MHz	QPSK	42140	50RB#0	NV	10	-7.20	-0.002084	±2.5	PASS
Band42 (3450-3 550)	10MHz	QPSK	42140	50RB#0	NV	20	5.57	0.001612	±2.5	PASS
Band42 (3450-3 550)	10MHz	QPSK	42140	50RB#0	NV	30	-4.94	-0.001430	±2.5	PASS
Band42 (3450-3 550)	10MHz	QPSK	42140	50RB#0	NV	40	-9.22	-0.002669	±2.5	PASS
Band42 (3450-3 550)	10MHz	QPSK	42140	50RB#0	NV	50	-10.17	-0.002944	±2.5	PASS
Band42 (3450-3 550)	10MHz	QPSK	42590	50RB#0	NV	-30	-4.13	-0.001180	±2.5	PASS
Band42 (3450-3 550)	10MHz	QPSK	42590	50RB#0	NV	-20	-3.88	-0.001109	±2.5	PASS
Band42 (3450-3 550)	10MHz	QPSK	42590	50RB#0	NV	-10	-5.04	-0.001440	±2.5	PASS
Band42 (3450-3 550)	10MHz	QPSK	42590	50RB#0	NV	0	-6.05	-0.001729	±2.5	PASS

Band42 (3450-3 550)	10MHz	QPSK	42590	50RB#0	NV	10	-8.51	-0.002431	±2.5	PASS
Band42 (3450-3 550)	10MHz	QPSK	42590	50RB#0	NV	20	-9.02	-0.002577	±2.5	PASS
Band42 (3450-3 550)	10MHz	QPSK	42590	50RB#0	NV	30	4.37	0.001249	±2.5	PASS
Band42 (3450-3 550)	10MHz	QPSK	42590	50RB#0	NV	40	-4.53	-0.001294	±2.5	PASS
Band42 (3450-3 550)	10MHz	QPSK	42590	50RB#0	NV	50	-5.97	-0.001706	±2.5	PASS
Band42 (3450-3 550)	10MHz	QPSK	43040	50RB#0	NV	-30	-9.66	-0.002725	±2.5	PASS
Band42 (3450-3 550)	10MHz	QPSK	43040	50RB#0	NV	-20	-9.12	-0.002573	±2.5	PASS
Band42 (3450-3 550)	10MHz	QPSK	43040	50RB#0	NV	-10	-5.84	-0.001647	±2.5	PASS
Band42 (3450-3 550)	10MHz	QPSK	43040	50RB#0	NV	0	4.97	0.001402	±2.5	PASS
Band42 (3450-3 550)	10MHz	QPSK	43040	50RB#0	NV	10	5.77	0.001628	±2.5	PASS
Band42 (3450-3 550)	10MHz	QPSK	43040	50RB#0	NV	20	-7.72	-0.002178	±2.5	PASS
Band42 (3450-3 550)	10MHz	QPSK	43040	50RB#0	NV	30	-7.80	-0.002200	±2.5	PASS
Band42 (3450-3 550)	10MHz	QPSK	43040	50RB#0	NV	40	-5.83	-0.001645	±2.5	PASS
Band42 (3450-3 550)	10MHz	QPSK	43040	50RB#0	NV	50	-9.52	-0.002685	±2.5	PASS
Band42	15MHz	QPSK	42165	75RB#0	NV	-30	-9.53	-0.002756	±2.5	PASS

(3450-3 550)										
Band42 (3450-3 550)	15MHz	QPSK	42165	75RB#0	NV	-20	-6.93	-0.002004	±2.5	PASS
Band42 (3450-3 550)	15MHz	QPSK	42165	75RB#0	NV	-10	-6.24	-0.001805	±2.5	PASS
Band42 (3450-3 550)	15MHz	QPSK	42165	75RB#0	NV	0	-5.57	-0.001611	±2.5	PASS
Band42 (3450-3 550)	15MHz	QPSK	42165	75RB#0	NV	10	-9.62	-0.002782	±2.5	PASS
Band42 (3450-3 550)	15MHz	QPSK	42165	75RB#0	NV	20	-9.18	-0.002655	±2.5	PASS
Band42 (3450-3 550)	15MHz	QPSK	42165	75RB#0	NV	30	-6.83	-0.001975	±2.5	PASS
Band42 (3450-3 550)	15MHz	QPSK	42165	75RB#0	NV	50	-5.87	-0.001698	±2.5	PASS
Band42 (3450-3 550)	15MHz	QPSK	42165	75RB#0	NV	40	7.83	0.002265	±2.5	PASS
Band42 (3450-3 550)	15MHz	QPSK	42590	75RB#0	NV	-30	4.42	0.001263	±2.5	PASS
Band42 (3450-3 550)	15MHz	QPSK	42590	75RB#0	NV	-20	4.69	0.001340	±2.5	PASS
Band42 (3450-3 550)	15MHz	QPSK	42590	75RB#0	NV	-10	-8.26	-0.002360	±2.5	PASS
Band42 (3450-3 550)	15MHz	QPSK	42590	75RB#0	NV	0	-6.73	-0.001923	±2.5	PASS
Band42 (3450-3 550)	15MHz	QPSK	42590	75RB#0	NV	10	-3.99	-0.001140	±2.5	PASS
Band42 (3450-3 550)	15MHz	QPSK	42590	75RB#0	NV	20	-10.78	-0.003080	±2.5	PASS

550)										
Band42 (3450-3 550)	15MHz	QPSK	42590	75RB#0	NV	30	-12.44	-0.003554	±2.5	PASS
Band42 (3450-3 550)	15MHz	QPSK	42590	75RB#0	NV	40	-7.81	-0.002231	±2.5	PASS
Band42 (3450-3 550)	15MHz	QPSK	42590	75RB#0	NV	50	5.93	0.001694	±2.5	PASS
Band42 (3450-3 550)	15MHz	QPSK	43015	75RB#0	NV	-30	-6.82	-0.001925	±2.5	PASS
Band42 (3450-3 550)	15MHz	QPSK	43015	75RB#0	NV	-20	-10.68	-0.003015	±2.5	PASS
Band42 (3450-3 550)	15MHz	QPSK	43015	75RB#0	NV	-10	-9.10	-0.002569	±2.5	PASS
Band42 (3450-3 550)	15MHz	QPSK	43015	75RB#0	NV	0	-7.60	-0.002145	±2.5	PASS
Band42 (3450-3 550)	15MHz	QPSK	43015	75RB#0	NV	10	5.60	0.001581	±2.5	PASS
Band42 (3450-3 550)	15MHz	QPSK	43015	75RB#0	NV	20	-7.94	-0.002241	±2.5	PASS
Band42 (3450-3 550)	15MHz	QPSK	43015	75RB#0	NV	30	-4.96	-0.001400	±2.5	PASS
Band42 (3450-3 550)	15MHz	QPSK	43015	75RB#0	NV	40	-7.70	-0.002174	±2.5	PASS
Band42 (3450-3 550)	15MHz	QPSK	43015	75RB#0	NV	50	-7.67	-0.002165	±2.5	PASS
Band42 (3450-3 550)	20MHz	QPSK	42190	100RB#0	NV	-30	-7.35	-0.002124	±2.5	PASS
Band42 (3450-3 550)	20MHz	QPSK	42190	100RB#0	NV	-20	-10.95	-0.003165	±2.5	PASS

Band42 (3450-3 550)	20MHz	QPSK	42190	100RB#0	NV	-10	-10.60	-0.003064	±2.5	PASS
Band42 (3450-3 550)	20MHz	QPSK	42190	100RB#0	NV	0	4.16	0.001202	±2.5	PASS
Band42 (3450-3 550)	20MHz	QPSK	42190	100RB#0	NV	10	4.74	0.001370	±2.5	PASS
Band42 (3450-3 550)	20MHz	QPSK	42190	100RB#0	NV	20	4.67	0.001350	±2.5	PASS
Band42 (3450-3 550)	20MHz	QPSK	42190	100RB#0	NV	30	-6.02	-0.001740	±2.5	PASS
Band42 (3450-3 550)	20MHz	QPSK	42190	100RB#0	NV	40	7.64	0.002208	±2.5	PASS
Band42 (3450-3 550)	20MHz	QPSK	42190	100RB#0	NV	50	3.86	0.001116	±2.5	PASS
Band42 (3450-3 550)	20MHz	QPSK	42590	100RB#0	NV	-30	-5.50	-0.001571	±2.5	PASS
Band42 (3450-3 550)	20MHz	QPSK	42590	100RB#0	NV	-20	-8.50	-0.002429	±2.5	PASS
Band42 (3450-3 550)	20MHz	QPSK	42590	100RB#0	NV	-10	-8.05	-0.002300	±2.5	PASS
Band42 (3450-3 550)	20MHz	QPSK	42590	100RB#0	NV	0	-12.12	-0.003463	±2.5	PASS
Band42 (3450-3 550)	20MHz	QPSK	42590	100RB#0	NV	10	-9.56	-0.002731	±2.5	PASS
Band42 (3450-3 550)	20MHz	QPSK	42590	100RB#0	NV	20	-9.65	-0.002757	±2.5	PASS
Band42 (3450-3 550)	20MHz	QPSK	42590	100RB#0	NV	30	-10.05	-0.002871	±2.5	PASS
Band42	20MHz	QPSK	42590	100RB#0	NV	40	-7.56	-0.002160	±2.5	PASS

(3450-3 550)										
Band42 (3450-3 550)	20MHz	QPSK	42590	100RB#0	NV	50	-2.59	-0.000740	±2.5	PASS
Band42 (3450-3 550)	20MHz	QPSK	42990	100RB#0	NV	-30	-7.49	-0.002116	±2.5	PASS
Band42 (3450-3 550)	20MHz	QPSK	42990	100RB#0	NV	-20	-11.21	-0.003167	±2.5	PASS
Band42 (3450-3 550)	20MHz	QPSK	42990	100RB#0	NV	-10	-6.93	-0.001958	±2.5	PASS
Band42 (3450-3 550)	20MHz	QPSK	42990	100RB#0	NV	0	-7.01	-0.001980	±2.5	PASS
Band42 (3450-3 550)	20MHz	QPSK	42990	100RB#0	NV	10	7.61	0.002150	±2.5	PASS
Band42 (3450-3 550)	20MHz	QPSK	42990	100RB#0	NV	20	-7.16	-0.002023	±2.5	PASS
Band42 (3450-3 550)	20MHz	QPSK	42990	100RB#0	NV	30	-12.28	-0.003469	±2.5	PASS
Band42 (3450-3 550)	20MHz	QPSK	42990	100RB#0	NV	40	-9.34	-0.002638	±2.5	PASS
Band42 (3450-3 550)	20MHz	QPSK	42990	100RB#0	NV	50	-11.96	-0.003379	±2.5	PASS