

Appendix-FCC-LTE-B19

1.1 Appendix A: Effective (Isotropic) Radiated Power Output Data

1.1.1 Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power (dBm)	MaxAnt Gain (dBi)	ERP (dBm)	Limit (dBm)	Verdict
Band19	5MHz	QPSK	24025	1RB#0	22.49	-1.99	20.50	38.45	PASS
Band19	5MHz	QPSK	24025	1RB#12	21.64	-1.99	19.65	38.45	PASS
Band19	5MHz	QPSK	24025	1RB#24	21.61	-1.99	19.62	38.45	PASS
Band19	5MHz	QPSK	24025	12RB#0	21.93	-1.99	19.94	38.45	PASS
Band19	5MHz	QPSK	24025	12RB#6	22.51	-1.99	20.52	38.45	PASS
Band19	5MHz	QPSK	24025	12RB#13	22.52	-1.99	20.53	38.45	PASS
Band19	5MHz	QPSK	24025	25RB#0	21.88	-1.99	19.89	38.45	PASS
Band19	5MHz	16QAM	24025	1RB#0	21.67	-1.99	19.68	38.45	PASS
Band19	5MHz	16QAM	24025	1RB#12	20.40	-1.99	18.41	38.45	PASS
Band19	5MHz	16QAM	24025	1RB#24	20.57	-1.99	18.58	38.45	PASS
Band19	5MHz	16QAM	24025	12RB#0	20.40	-1.99	18.41	38.45	PASS
Band19	5MHz	16QAM	24025	12RB#6	22.10	-1.99	20.11	38.45	PASS
Band19	5MHz	16QAM	24025	12RB#13	21.35	-1.99	19.36	38.45	PASS
Band19	5MHz	16QAM	24025	25RB#0	21.58	-1.99	19.59	38.45	PASS
Band19	5MHz	QPSK	24075	1RB#0	22.69	-1.99	20.70	38.45	PASS
Band19	5MHz	QPSK	24075	1RB#12	22.34	-1.99	20.35	38.45	PASS
Band19	5MHz	QPSK	24075	1RB#24	23.26	-1.99	21.27	38.45	PASS
Band19	5MHz	QPSK	24075	12RB#0	21.80	-1.99	19.81	38.45	PASS
Band19	5MHz	QPSK	24075	12RB#6	21.76	-1.99	19.77	38.45	PASS
Band19	5MHz	QPSK	24075	12RB#13	21.86	-1.99	19.87	38.45	PASS
Band19	5MHz	QPSK	24075	25RB#0	22.19	-1.99	20.20	38.45	PASS
Band19	5MHz	16QAM	24075	1RB#0	22.12	-1.99	20.13	38.45	PASS
Band19	5MHz	16QAM	24075	1RB#12	22.16	-1.99	20.17	38.45	PASS
Band19	5MHz	16QAM	24075	1RB#24	21.98	-1.99	19.99	38.45	PASS
Band19	5MHz	16QAM	24075	12RB#0	21.14	-1.99	19.15	38.45	PASS
Band19	5MHz	16QAM	24075	12RB#6	21.43	-1.99	19.44	38.45	PASS
Band19	5MHz	16QAM	24075	12RB#13	21.52	-1.99	19.53	38.45	PASS
Band19	5MHz	16QAM	24075	25RB#0	21.63	-1.99	19.64	38.45	PASS
Band19	5MHz	QPSK	24125	1RB#0	22.86	-1.99	20.87	38.45	PASS
Band19	5MHz	QPSK	24125	1RB#12	22.80	-1.99	20.81	38.45	PASS
Band19	5MHz	QPSK	24125	1RB#24	23.04	-1.99	21.05	38.45	PASS
Band19	5MHz	QPSK	24125	12RB#0	22.32	-1.99	20.33	38.45	PASS
Band19	5MHz	QPSK	24125	12RB#6	22.08	-1.99	20.09	38.45	PASS
Band19	5MHz	QPSK	24125	12RB#13	22.68	-1.99	20.69	38.45	PASS
Band19	5MHz	QPSK	24125	25RB#0	22.72	-1.99	20.73	38.45	PASS
Band19	5MHz	16QAM	24125	1RB#0	22.45	-1.99	20.46	38.45	PASS
Band19	5MHz	16QAM	24125	1RB#12	22.67	-1.99	20.68	38.45	PASS
Band19	5MHz	16QAM	24125	1RB#24	22.43	-1.99	20.44	38.45	PASS
Band19	5MHz	16QAM	24125	12RB#0	21.89	-1.99	19.90	38.45	PASS
Band19	5MHz	16QAM	24125	12RB#6	21.56	-1.99	19.57	38.45	PASS
Band19	5MHz	16QAM	24125	12RB#13	21.58	-1.99	19.59	38.45	PASS
Band19	5MHz	16QAM	24125	25RB#0	21.76	-1.99	19.77	38.45	PASS
Band19	10MHz	QPSK	24050	1RB#0	22.82	-1.99	20.83	38.45	PASS
Band19	10MHz	QPSK	24050	1RB#24	22.57	-1.99	20.58	38.45	PASS
Band19	10MHz	QPSK	24050	1RB#49	23.15	-1.99	21.16	38.45	PASS
Band19	10MHz	QPSK	24050	25RB#0	22.03	-1.99	20.04	38.45	PASS
Band19	10MHz	QPSK	24050	25RB#12	22.15	-1.99	20.16	38.45	PASS
Band19	10MHz	QPSK	24050	25RB#25	22.12	-1.99	20.13	38.45	PASS
Band19	10MHz	QPSK	24050	50RB#0	22.28	-1.99	20.29	38.45	PASS
Band19	10MHz	16QAM	24050	1RB#0	21.90	-1.99	19.91	38.45	PASS
Band19	10MHz	16QAM	24050	1RB#24	22.79	-1.99	20.80	38.45	PASS

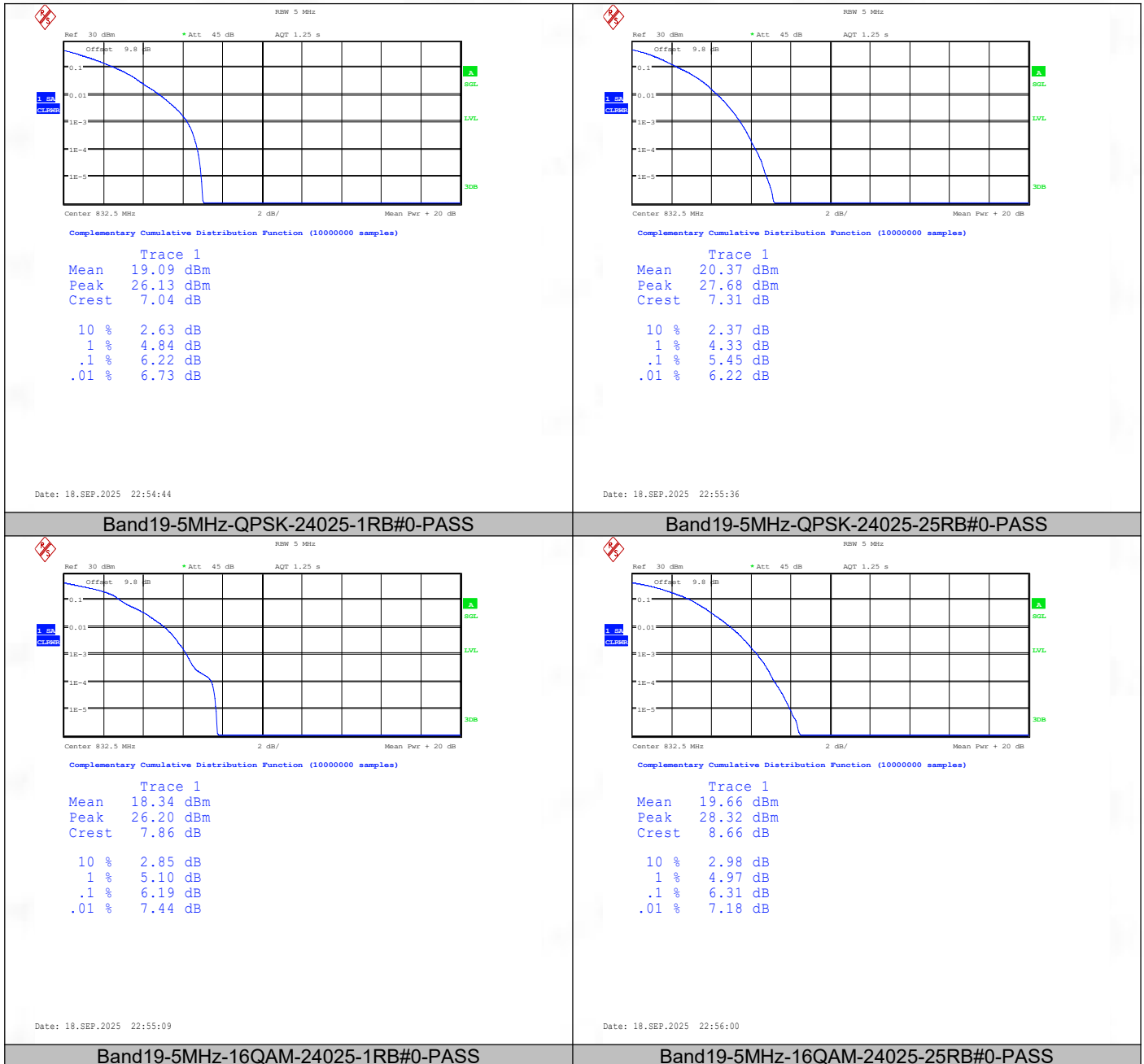
Band19	10MHz	16QAM	24050	1RB#49	22.46	-1.99	20.47	38.45	PASS
Band19	10MHz	16QAM	24050	25RB#0	21.51	-1.99	19.52	38.45	PASS
Band19	10MHz	16QAM	24050	25RB#12	21.80	-1.99	19.81	38.45	PASS
Band19	10MHz	16QAM	24050	25RB#25	22.00	-1.99	20.01	38.45	PASS
Band19	10MHz	16QAM	24050	50RB#0	21.78	-1.99	19.79	38.45	PASS
Band19	10MHz	QPSK	24075	1RB#0	22.91	-1.99	20.92	38.45	PASS
Band19	10MHz	QPSK	24075	1RB#24	23.21	-1.99	21.22	38.45	PASS
Band19	10MHz	QPSK	24075	1RB#49	22.64	-1.99	20.65	38.45	PASS
Band19	10MHz	QPSK	24075	25RB#0	22.06	-1.99	20.07	38.45	PASS
Band19	10MHz	QPSK	24075	25RB#12	21.85	-1.99	19.86	38.45	PASS
Band19	10MHz	QPSK	24075	25RB#25	22.35	-1.99	20.36	38.45	PASS
Band19	10MHz	QPSK	24075	50RB#0	21.98	-1.99	19.99	38.45	PASS
Band19	10MHz	16QAM	24075	1RB#0	22.09	-1.99	20.10	38.45	PASS
Band19	10MHz	16QAM	24075	1RB#24	22.00	-1.99	20.01	38.45	PASS
Band19	10MHz	16QAM	24075	1RB#49	22.14	-1.99	20.15	38.45	PASS
Band19	10MHz	16QAM	24075	25RB#0	21.17	-1.99	19.18	38.45	PASS
Band19	10MHz	16QAM	24075	25RB#12	21.45	-1.99	19.46	38.45	PASS
Band19	10MHz	16QAM	24075	25RB#25	21.99	-1.99	20.00	38.45	PASS
Band19	10MHz	16QAM	24075	50RB#0	21.17	-1.99	19.18	38.45	PASS
Band19	10MHz	QPSK	24100	1RB#0	23.14	-1.99	21.15	38.45	PASS
Band19	10MHz	QPSK	24100	1RB#24	22.91	-1.99	20.92	38.45	PASS
Band19	10MHz	QPSK	24100	1RB#49	22.82	-1.99	20.83	38.45	PASS
Band19	10MHz	QPSK	24100	25RB#0	21.82	-1.99	19.83	38.45	PASS
Band19	10MHz	QPSK	24100	25RB#12	22.65	-1.99	20.66	38.45	PASS
Band19	10MHz	QPSK	24100	25RB#25	22.24	-1.99	20.25	38.45	PASS
Band19	10MHz	QPSK	24100	50RB#0	22.34	-1.99	20.35	38.45	PASS
Band19	10MHz	16QAM	24100	1RB#0	22.42	-1.99	20.43	38.45	PASS
Band19	10MHz	16QAM	24100	1RB#24	22.50	-1.99	20.51	38.45	PASS
Band19	10MHz	16QAM	24100	1RB#49	21.75	-1.99	19.76	38.45	PASS
Band19	10MHz	16QAM	24100	25RB#0	21.83	-1.99	19.84	38.45	PASS
Band19	10MHz	16QAM	24100	25RB#12	21.11	-1.99	19.12	38.45	PASS
Band19	10MHz	16QAM	24100	25RB#25	22.02	-1.99	20.03	38.45	PASS
Band19	10MHz	16QAM	24100	50RB#0	22.10	-1.99	20.11	38.45	PASS
Band19	15MHz	QPSK	24075	1RB#0	22.94	-1.99	20.95	38.45	PASS
Band19	15MHz	QPSK	24075	1RB#38	22.10	-1.99	20.11	38.45	PASS
Band19	15MHz	QPSK	24075	1RB#74	23.38	-1.99	21.39	38.45	PASS
Band19	15MHz	QPSK	24075	38RB#0	22.02	-1.99	20.03	38.45	PASS
Band19	15MHz	QPSK	24075	38RB#18	21.79	-1.99	19.80	38.45	PASS
Band19	15MHz	QPSK	24075	38RB#37	23.73	-1.99	21.74	38.45	PASS
Band19	15MHz	QPSK	24075	75RB#0	22.49	-1.99	20.50	38.45	PASS
Band19	15MHz	16QAM	24075	1RB#0	21.71	-1.99	19.72	38.45	PASS
Band19	15MHz	16QAM	24075	1RB#38	22.84	-1.99	20.85	38.45	PASS
Band19	15MHz	16QAM	24075	1RB#74	22.31	-1.99	20.32	38.45	PASS
Band19	15MHz	16QAM	24075	38RB#0	22.59	-1.99	20.60	38.45	PASS
Band19	15MHz	16QAM	24075	38RB#18	21.21	-1.99	19.22	38.45	PASS
Band19	15MHz	16QAM	24075	38RB#37	23.12	-1.99	21.13	38.45	PASS
Band19	15MHz	16QAM	24075	75RB#0	21.30	-1.99	19.31	38.45	PASS

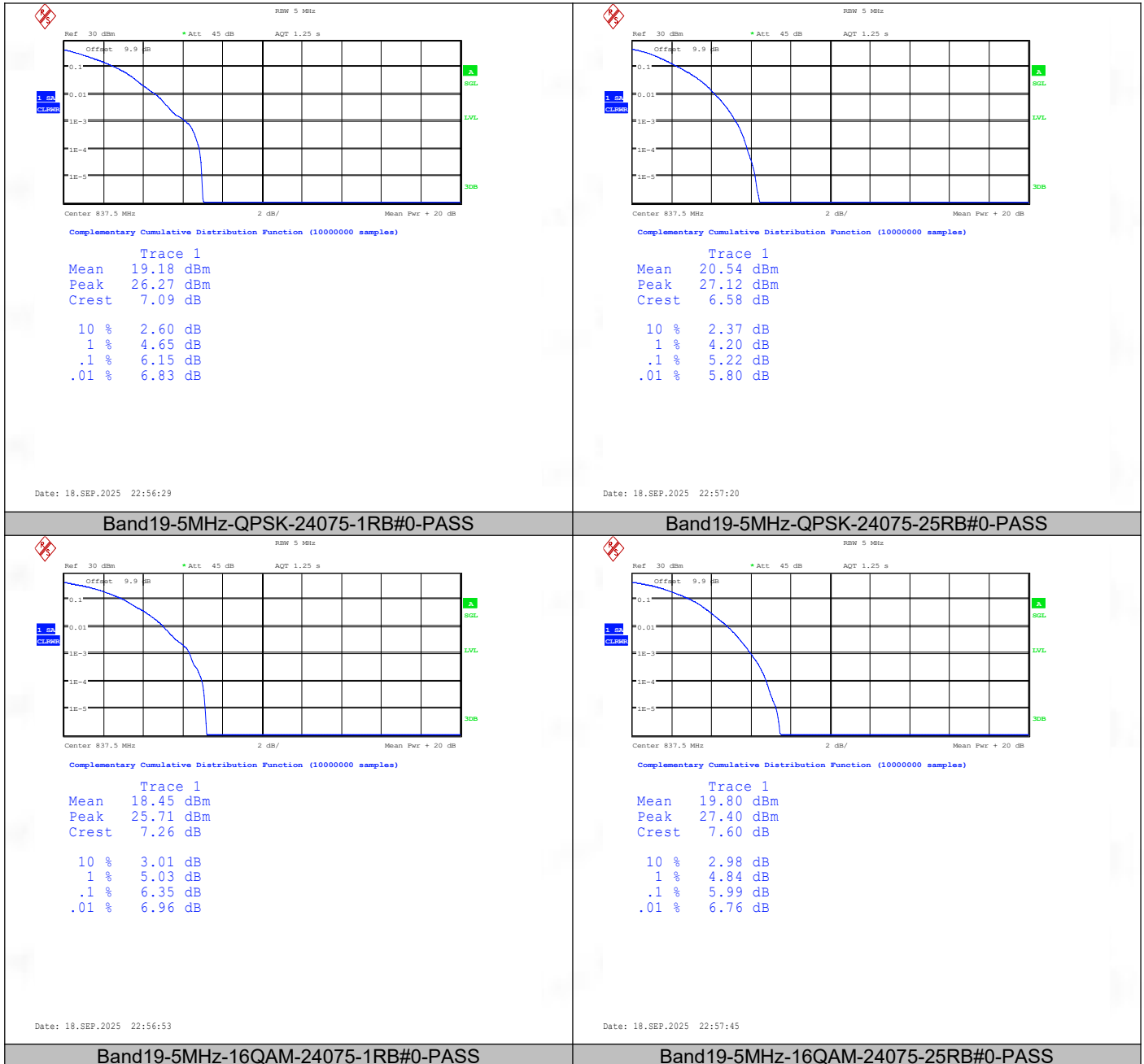
1.2 Appendix B: Peak-to-Average Ratio(CCDF)

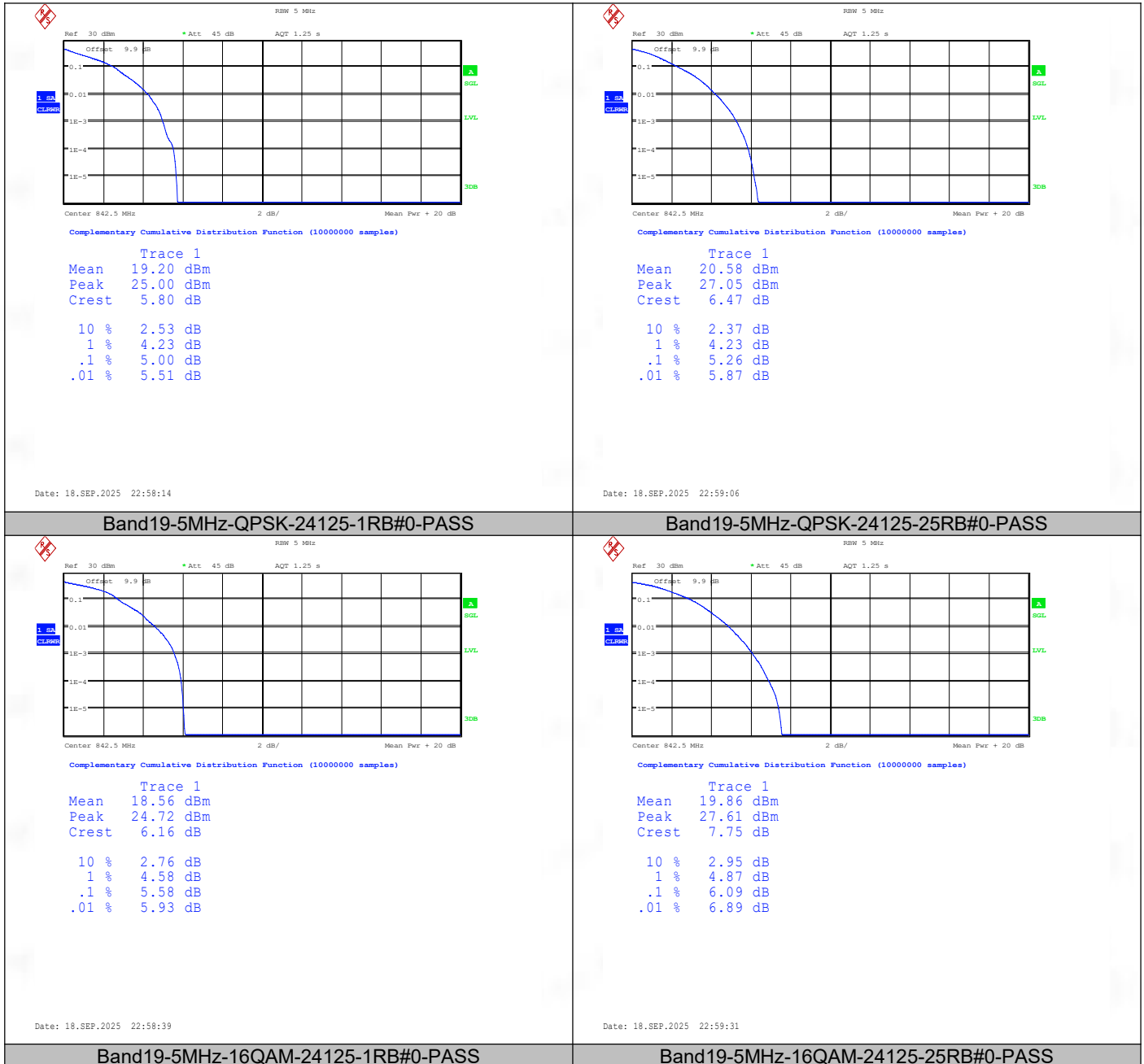
1.2.1 Test Result

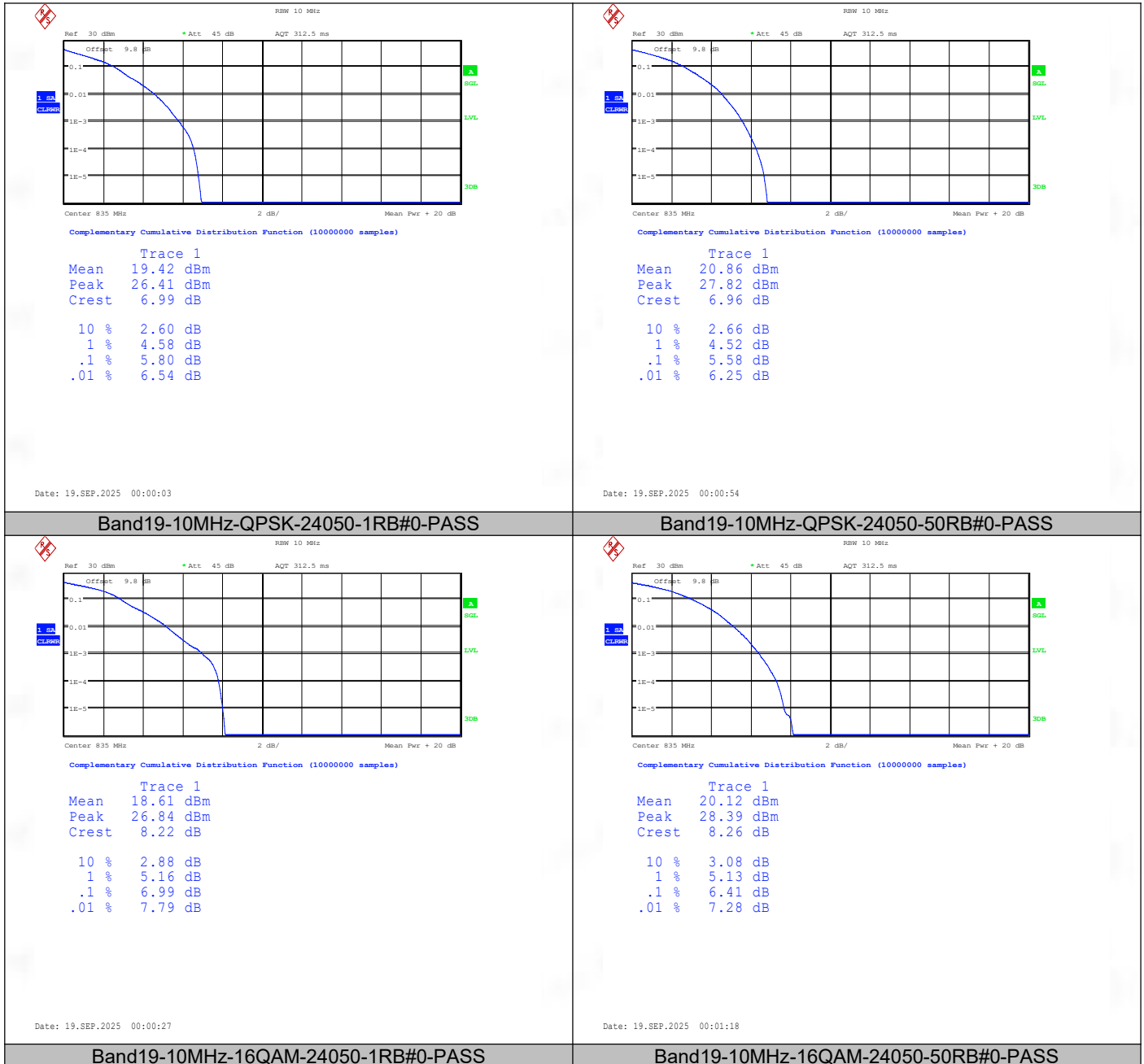
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band19	5MHz	QPSK	24025	1RB#0	6.22	13	PASS
Band19	5MHz	QPSK	24025	25RB#0	5.45	13	PASS
Band19	5MHz	16QAM	24025	1RB#0	6.19	13	PASS
Band19	5MHz	16QAM	24025	25RB#0	6.31	13	PASS
Band19	5MHz	QPSK	24075	1RB#0	6.15	13	PASS
Band19	5MHz	QPSK	24075	25RB#0	5.22	13	PASS
Band19	5MHz	16QAM	24075	1RB#0	6.35	13	PASS
Band19	5MHz	16QAM	24075	25RB#0	5.99	13	PASS
Band19	5MHz	QPSK	24125	1RB#0	5.00	13	PASS
Band19	5MHz	QPSK	24125	25RB#0	5.26	13	PASS
Band19	5MHz	16QAM	24125	1RB#0	5.58	13	PASS
Band19	5MHz	16QAM	24125	25RB#0	6.09	13	PASS
Band19	10MHz	QPSK	24050	1RB#0	5.80	13	PASS
Band19	10MHz	QPSK	24050	50RB#0	5.58	13	PASS
Band19	10MHz	16QAM	24050	1RB#0	6.99	13	PASS
Band19	10MHz	16QAM	24050	50RB#0	6.41	13	PASS
Band19	10MHz	QPSK	24075	1RB#0	5.80	13	PASS
Band19	10MHz	QPSK	24075	50RB#0	5.61	13	PASS
Band19	10MHz	16QAM	24075	1RB#0	6.67	13	PASS
Band19	10MHz	16QAM	24075	50RB#0	6.38	13	PASS
Band19	10MHz	QPSK	24100	1RB#0	5.58	13	PASS
Band19	10MHz	QPSK	24100	50RB#0	5.48	13	PASS
Band19	10MHz	16QAM	24100	1RB#0	6.19	13	PASS
Band19	10MHz	16QAM	24100	50RB#0	6.35	13	PASS
Band19	15MHz	QPSK	24075	1RB#0	8.46	13	PASS
Band19	15MHz	QPSK	24075	75RB#0	5.96	13	PASS
Band19	15MHz	16QAM	24075	1RB#0	8.43	13	PASS
Band19	15MHz	16QAM	24075	75RB#0	6.79	13	PASS

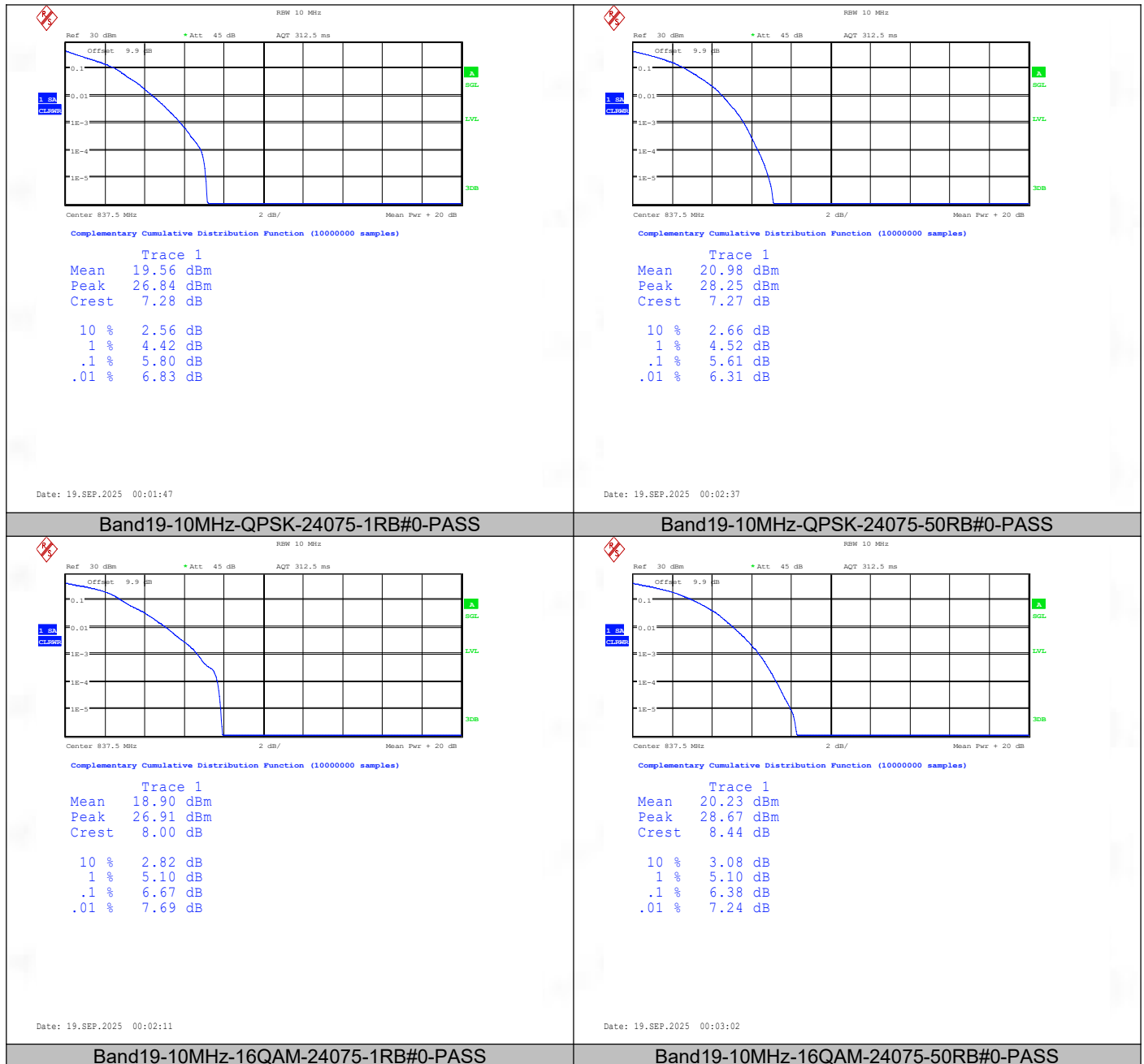
1.2.2 Test Graphs

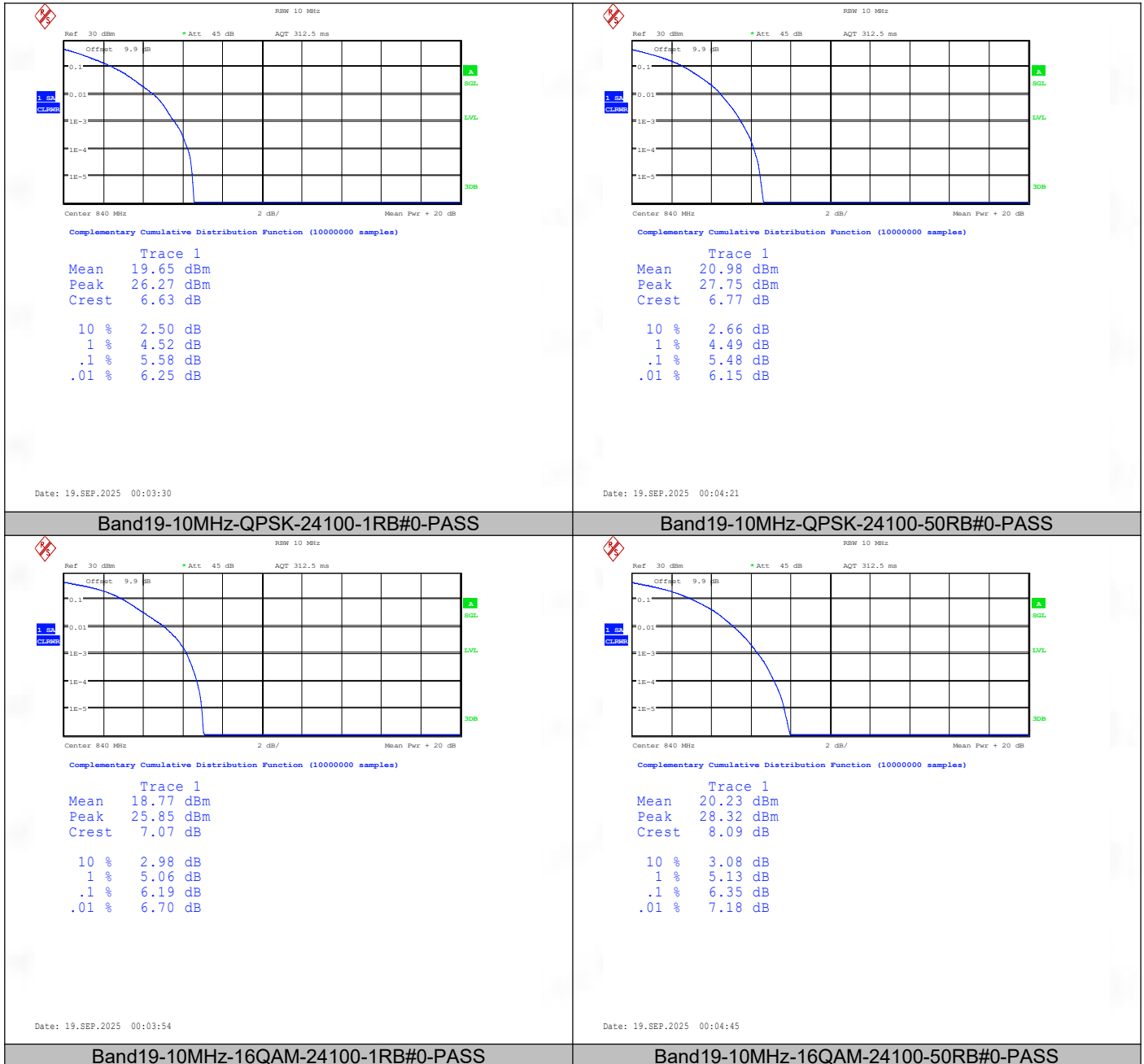


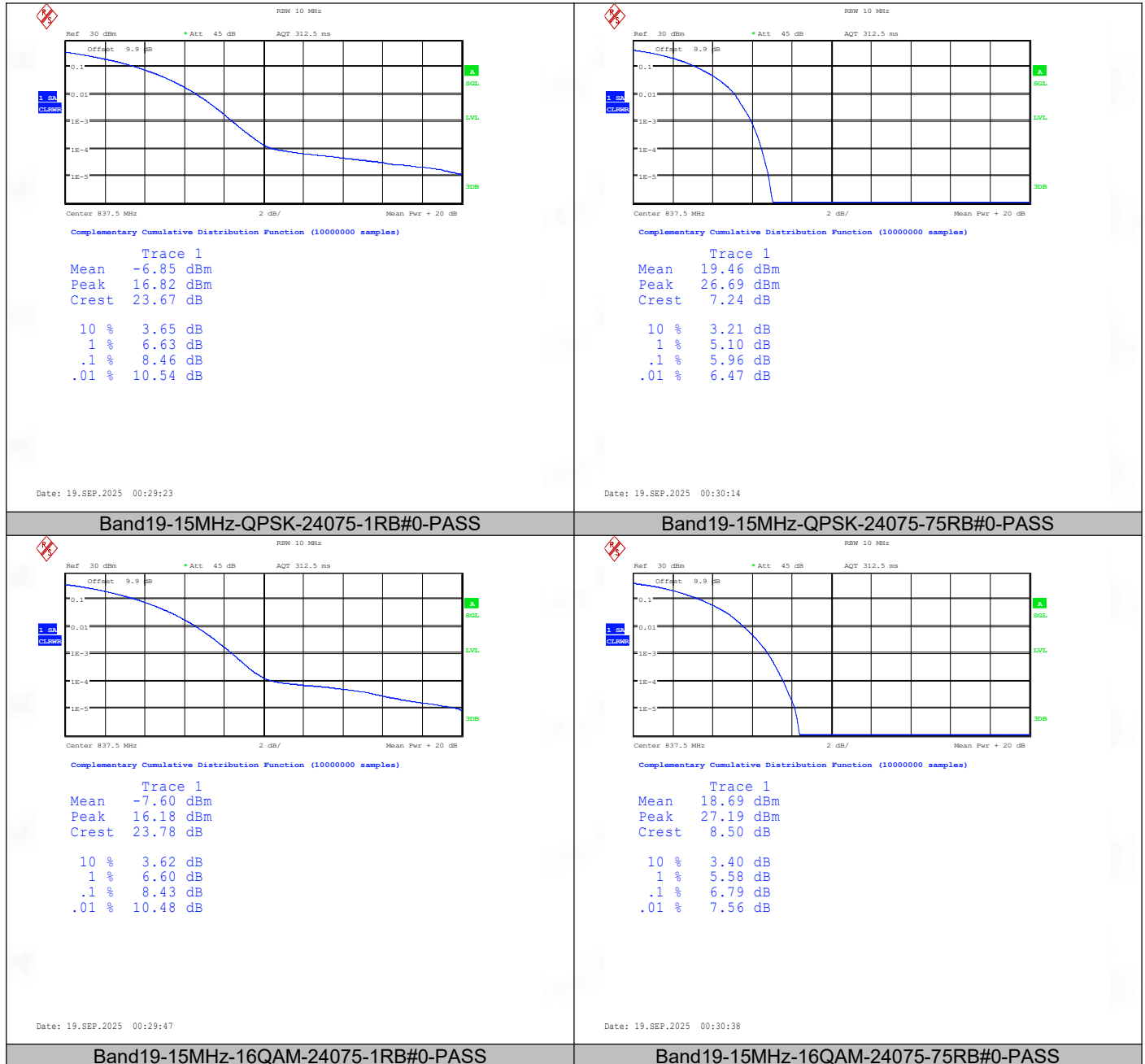










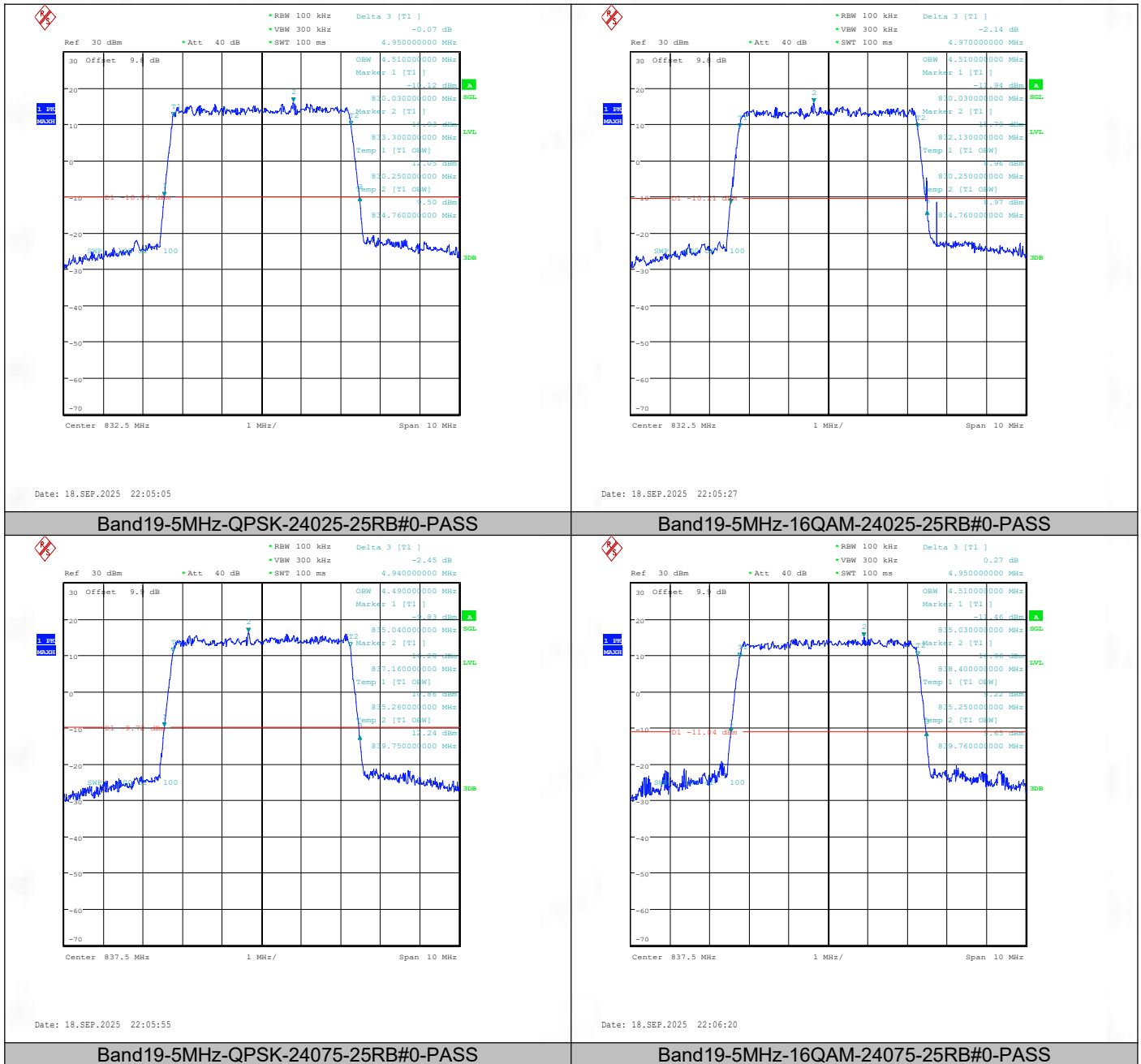


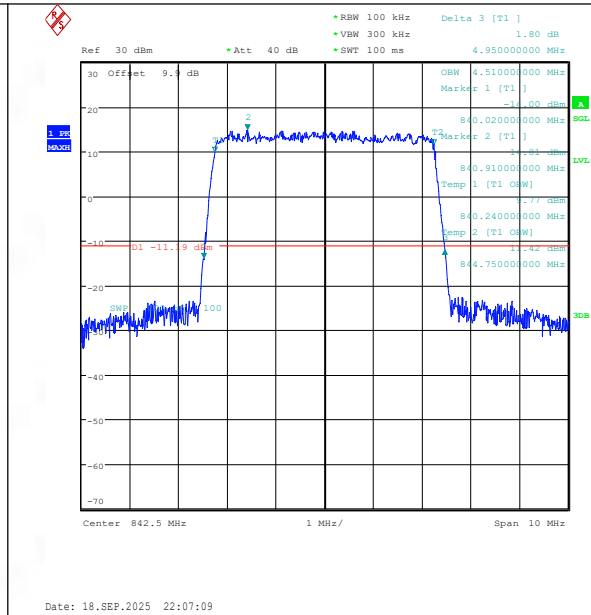
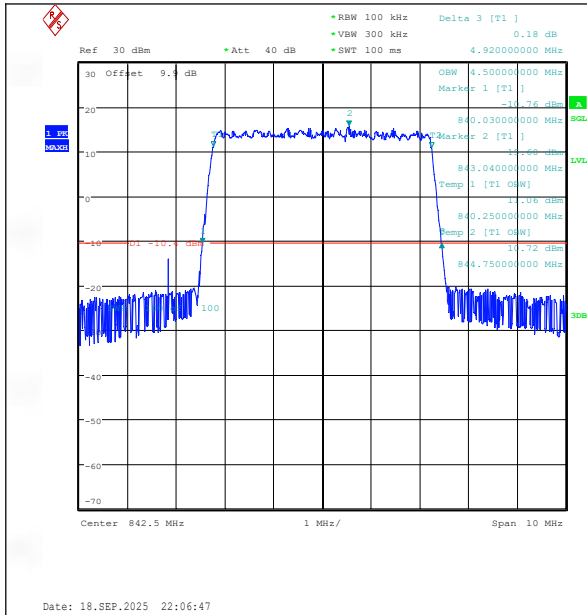
1.3 Appendix C: 26dB Bandwidth and Occupied Bandwidth

1.3.1 Test Result

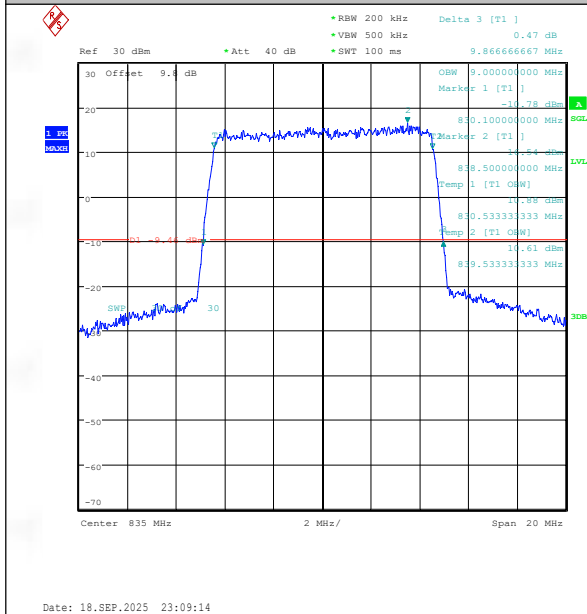
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band19	5MHz	QPSK	24025	25RB#0	4.51	4.95	PASS
Band19	5MHz	16QAM	24025	25RB#0	4.51	4.97	PASS
Band19	5MHz	QPSK	24075	25RB#0	4.49	4.94	PASS
Band19	5MHz	16QAM	24075	25RB#0	4.51	4.95	PASS
Band19	5MHz	QPSK	24125	25RB#0	4.5	4.92	PASS
Band19	5MHz	16QAM	24125	25RB#0	4.51	4.95	PASS
Band19	10MHz	QPSK	24050	50RB#0	9	9.87	PASS
Band19	10MHz	16QAM	24050	50RB#0	9	9.90	PASS
Band19	10MHz	QPSK	24075	50RB#0	9.033	9.87	PASS
Band19	10MHz	16QAM	24075	50RB#0	9	9.90	PASS
Band19	10MHz	QPSK	24100	50RB#0	8.967	9.83	PASS
Band19	10MHz	16QAM	24100	50RB#0	8.967	9.87	PASS
Band19	15MHz	QPSK	24075	75RB#0	13.5	14.80	PASS
Band19	15MHz	16QAM	24075	75RB#0	13.55	14.75	PASS

1.3.2 Test Graphs

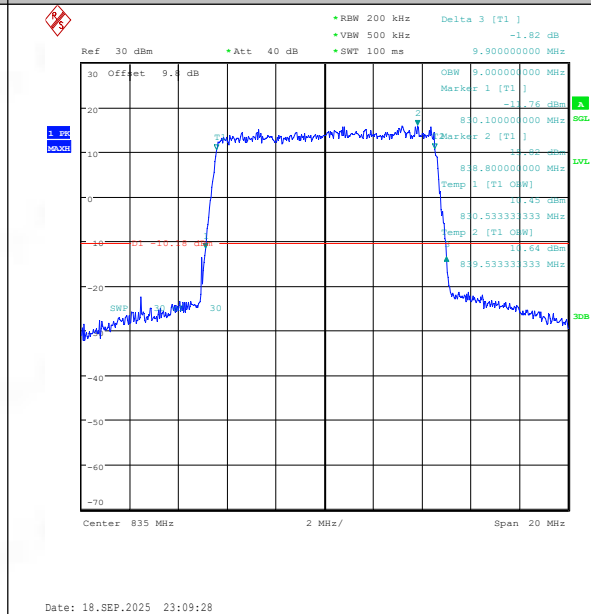




Band19-5MHz-QPSK-24125-25RB#0-PASS

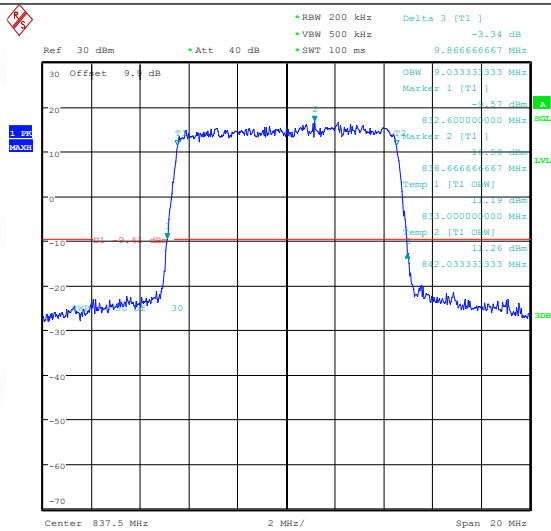


Band19-5MHz-16QAM-24125-25RB#0-PASS

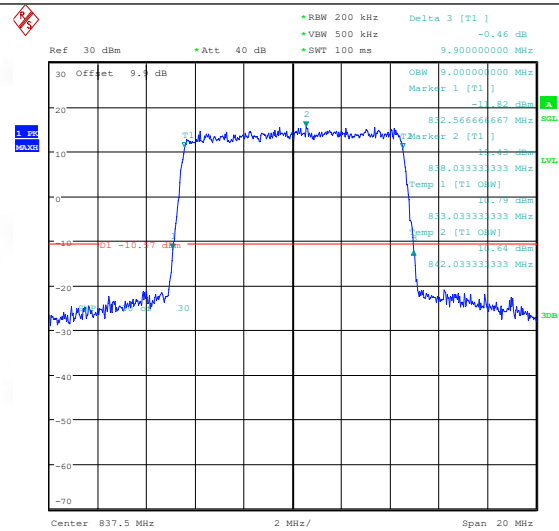


Band19-10MHz-QPSK-24050-50RB#0-PASS

Band19-10MHz-16QAM-24050-50RB#0-PASS

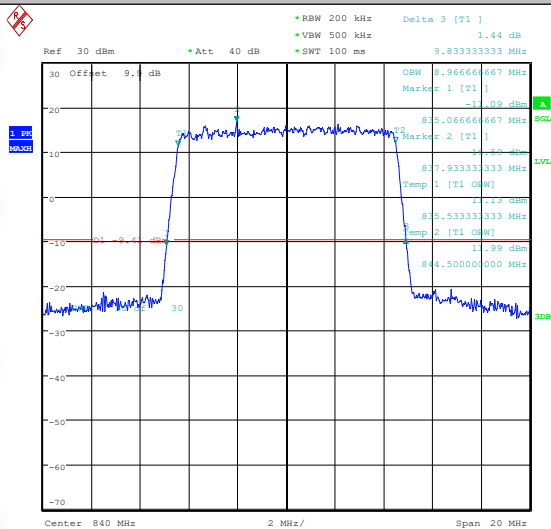


Date: 18.SEP.2025 23:09:45



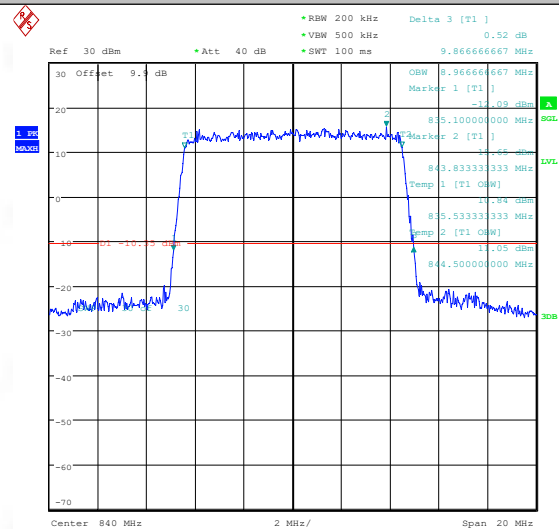
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Band19-10MHz-QPSK-24075-50RB#0-PASS



Date: 18.SEP.2025 23:10:17

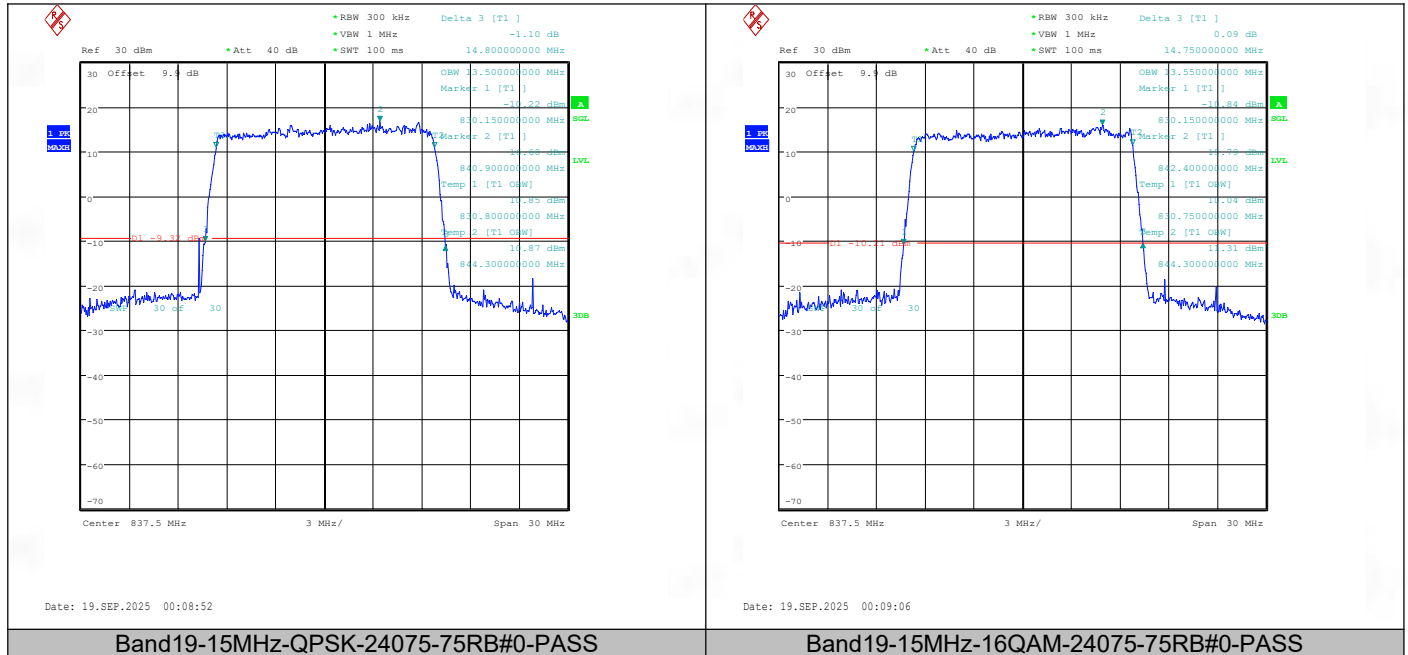
Band19-10MHz-16QAM-24075-50RB#0-PASS



Date: 18.SEP.2025 23:10:30

Band19-10MHz-QPSK-24100-50RB#0-PASS

Band19-10MHz-16QAM-24100-50RB#0-PASS

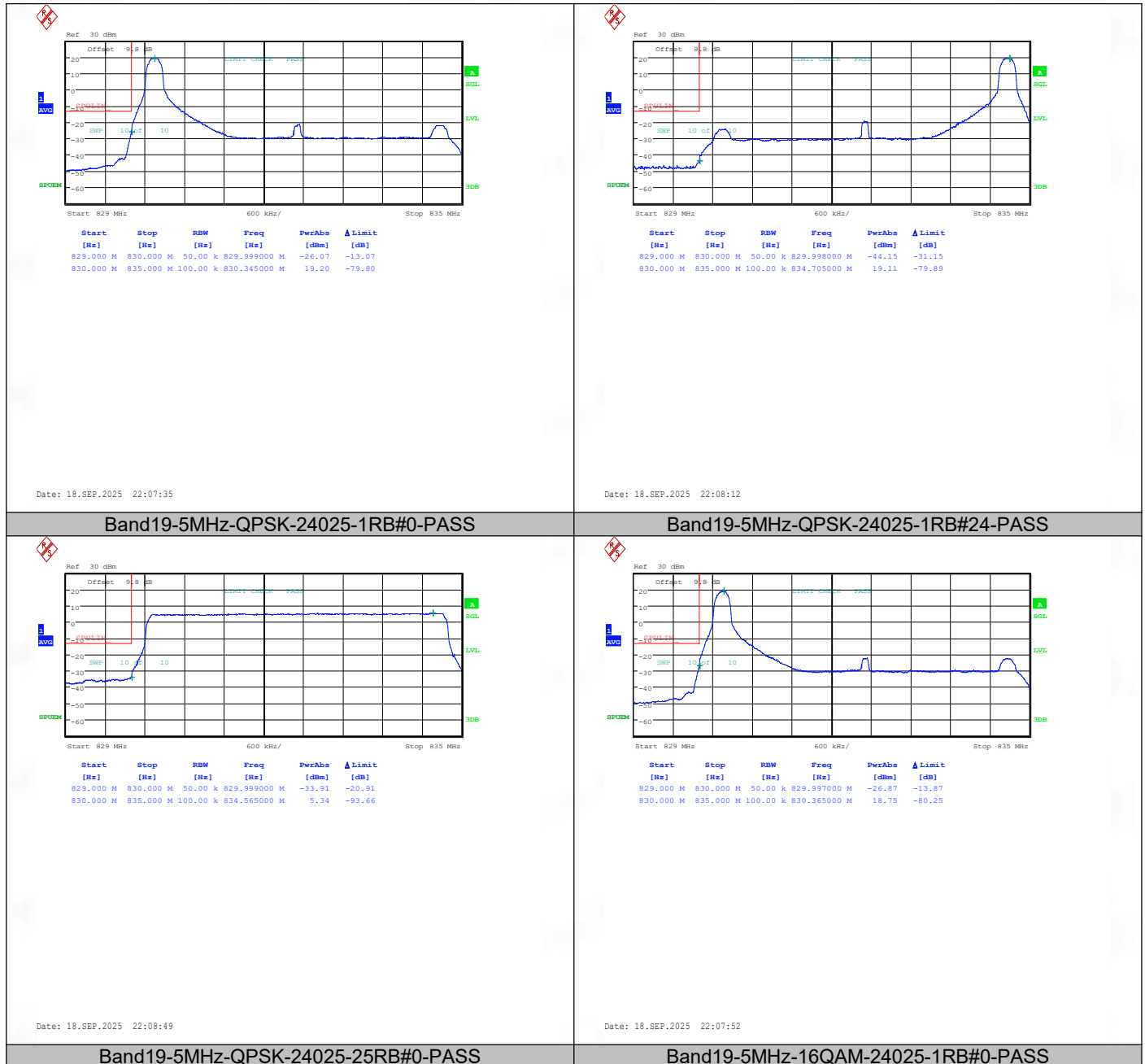


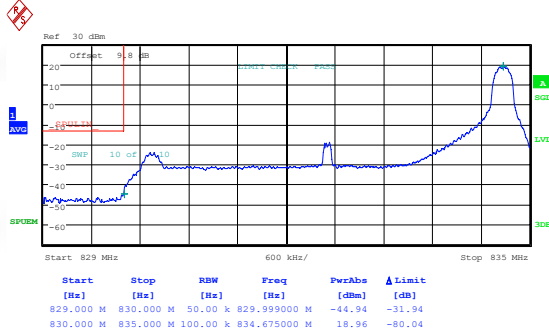
1.4 Appendix D: Band Edge

1.4.1 Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band19	5MHz	QPSK	24025	1RB#0	-26.07	PASS
Band19	5MHz	QPSK	24025	1RB#24	-44.15	PASS
Band19	5MHz	QPSK	24025	25RB#0	-33.91	PASS
Band19	5MHz	16QAM	24025	1RB#0	-26.87	PASS
Band19	5MHz	16QAM	24025	1RB#24	-44.94	PASS
Band19	5MHz	16QAM	24025	25RB#0	-34.64	PASS
Band19	5MHz	QPSK	24125	1RB#0	-44.68	PASS
Band19	5MHz	QPSK	24125	1RB#24	-26.25	PASS
Band19	5MHz	QPSK	24125	25RB#0	-36.23	PASS
Band19	5MHz	16QAM	24125	1RB#0	-45.26	PASS
Band19	5MHz	16QAM	24125	1RB#24	-27.12	PASS
Band19	5MHz	16QAM	24125	25RB#0	-37.01	PASS
Band19	10MHz	QPSK	24050	1RB#0	-29.00	PASS
Band19	10MHz	QPSK	24050	1RB#49	-44.77	PASS
Band19	10MHz	QPSK	24050	50RB#0	-34.43	PASS
Band19	10MHz	16QAM	24050	1RB#0	-29.65	PASS
Band19	10MHz	16QAM	24050	1RB#49	-45.10	PASS
Band19	10MHz	16QAM	24050	50RB#0	-35.96	PASS
Band19	10MHz	QPSK	24100	1RB#0	-42.81	PASS
Band19	10MHz	QPSK	24100	1RB#49	-27.76	PASS
Band19	10MHz	QPSK	24100	50RB#0	-34.66	PASS
Band19	10MHz	16QAM	24100	1RB#0	-43.09	PASS
Band19	10MHz	16QAM	24100	1RB#49	-29.34	PASS
Band19	10MHz	16QAM	24100	50RB#0	-35.87	PASS
Band19	15MHz	QPSK	24075	1RB#0	-38.26	PASS
Band19	15MHz	QPSK	24075	1RB#74	-29.90	PASS
Band19	15MHz	QPSK	24075	75RB#0	-35.03	PASS
Band19	15MHz	16QAM	24075	1RB#0	-39.24	PASS
Band19	15MHz	16QAM	24075	1RB#74	-30.81	PASS
Band19	15MHz	16QAM	24075	75RB#0	-35.91	PASS

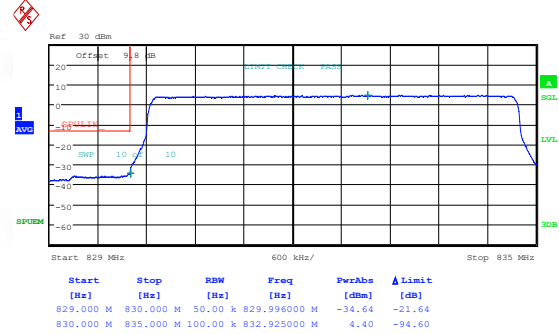
1.4.2 Test Graphs





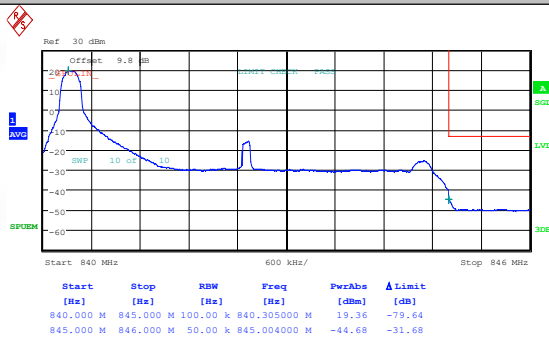
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Band19-5MHz-16QAM-24025-1RB#24-PASS



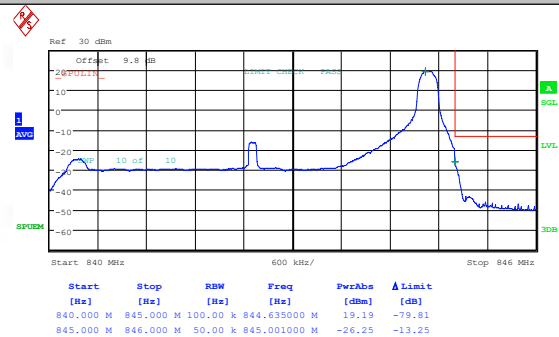
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Band19-5MHz-16QAM-24025-25RB#0-PASS



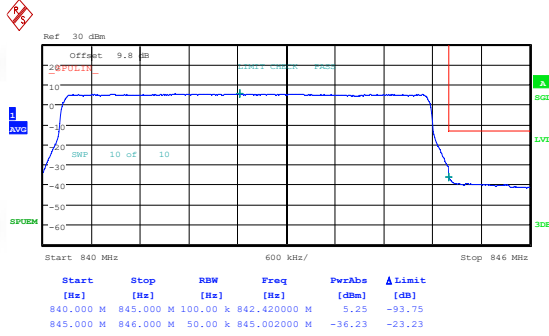
Date: 18.SEP.2025 22:09:27

Band19-5MHz-QPSK-24125-1RB#0-PASS



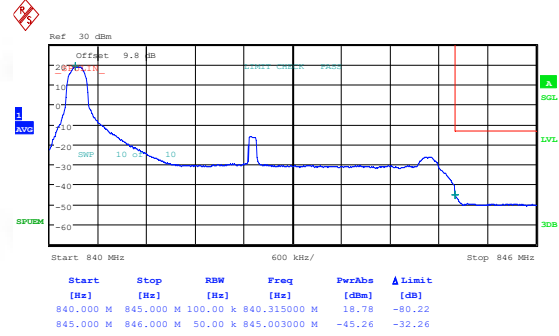
Date: 18.SEP.2025 22:10:05

Band19-5MHz-QPSK-24125-1RB#24-PASS



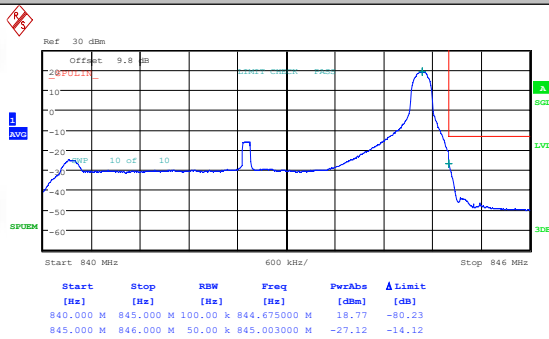
Date: 18.SEP.2025 22:10:42

Band19-5MHz-QPSK-24125-25RB#0-PASS



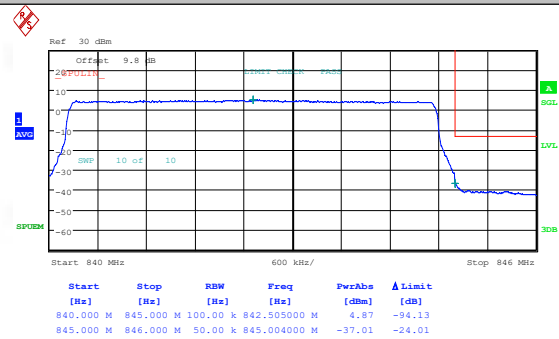
Date: 18.SEP.2025 22:09:45

Band19-5MHz-16QAM-24125-1RB#0-PASS



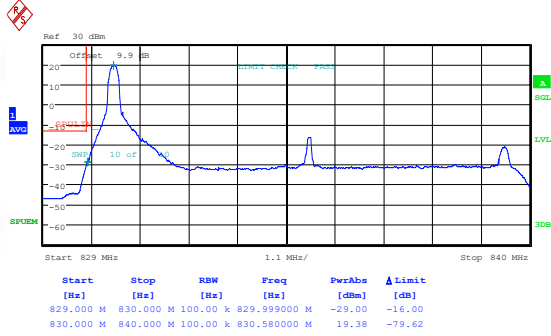
Date: 18.SEP.2025 22:10:22

Band19-5MHz-16QAM-24125-1RB#24-PASS



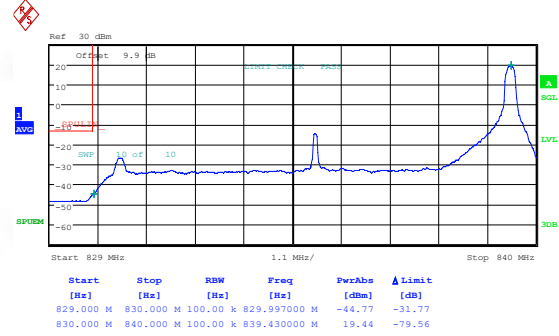
Date: 18.SEP.2025 22:10:59

Band19-5MHz-16QAM-24125-25RB#0-PASS



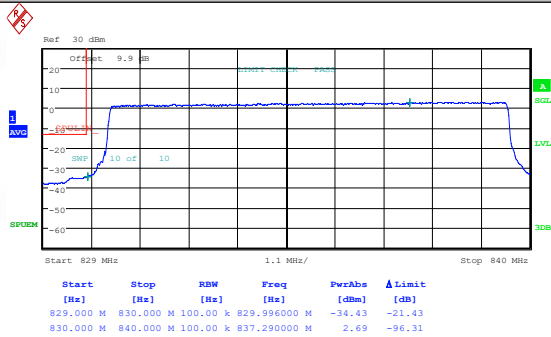
Date: 18.SEP.2025 23:10:56

Band19-10MHz-QPSK-24050-1RB#0-PASS



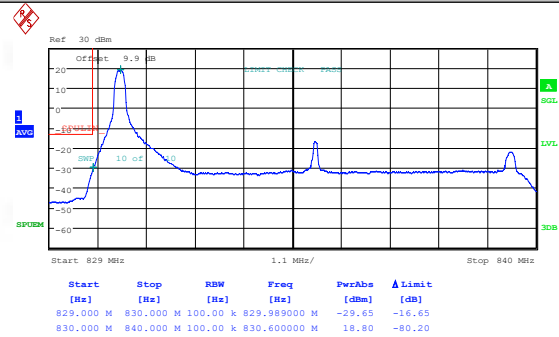
Date: 18.SEP.2025 23:11:33

Band19-10MHz-QPSK-24050-1RB#49-PASS



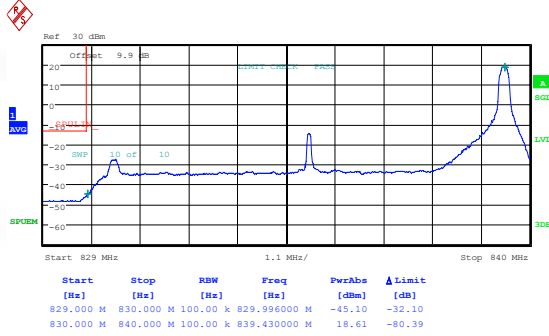
Date: 18.SEP.2025 23:12:10

Band19-10MHz-QPSK-24050-50RB#0-PASS

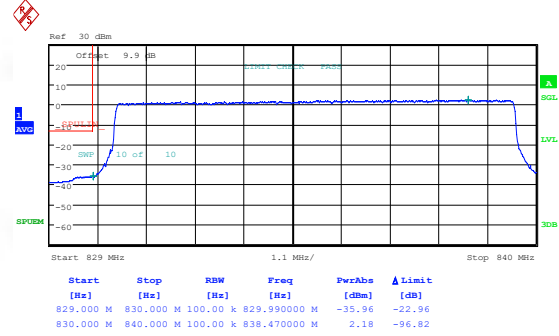


Date: 18.SEP.2025 23:11:13

Band19-10MHz-16QAM-24050-1RB#0-PASS



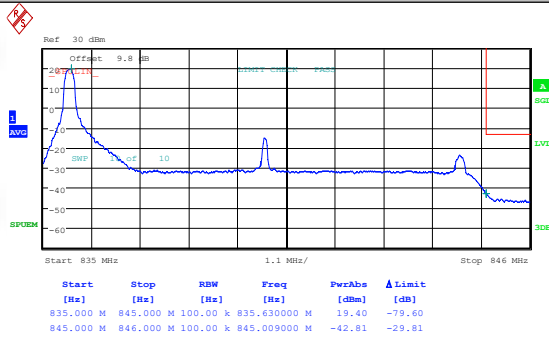
Date: 18.SEP.2025 23:11:50



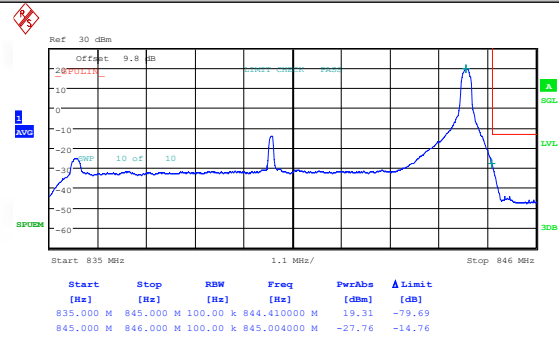
Date: 18.SEP.2025 23:12:27

Band19-10MHz-16QAM-24050-1RB#49-PASS

Band19-10MHz-16QAM-24050-50RB#0-PASS



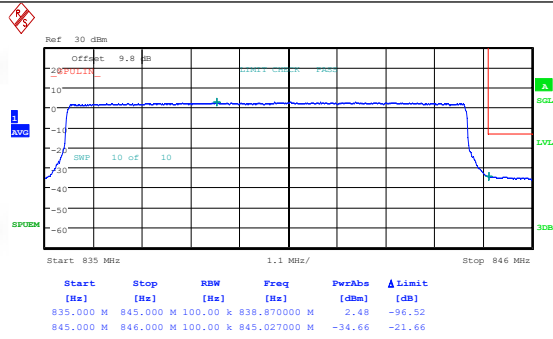
Date: 18.SEP.2025 23:12:50



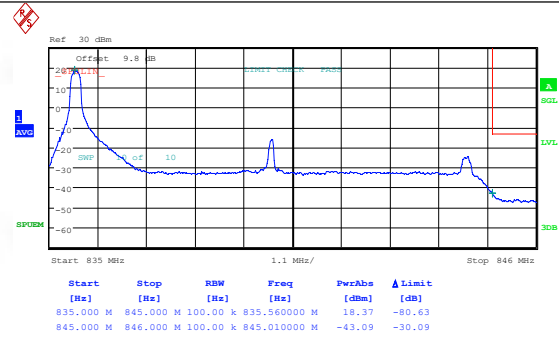
Date: 18.SEP.2025 23:13:28

Band19-10MHz-QPSK-24100-1RB#0-PASS

Band19-10MHz-QPSK-24100-1RB#49-PASS



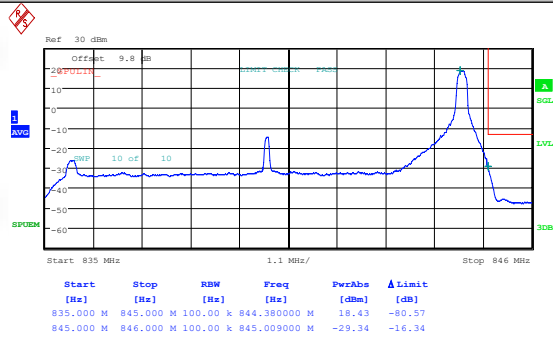
Date: 18.SEP.2025 23:14:06



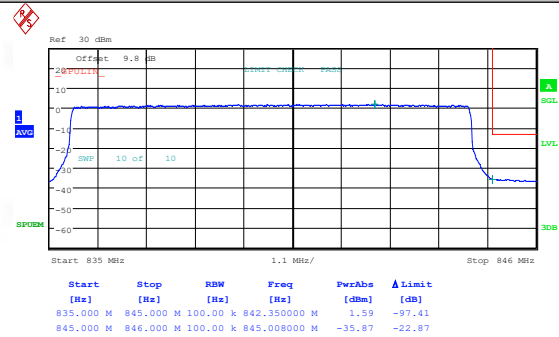
Date: 18.SEP.2025 23:13:07

Band19-10MHz-QPSK-24100-50RB#0-PASS

Band19-10MHz-16QAM-24100-1RB#0-PASS



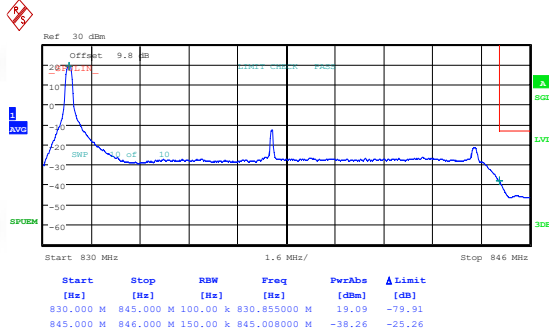
Date: 18.SEP.2025 23:13:45



Date: 18.SEP.2025 23:14:24

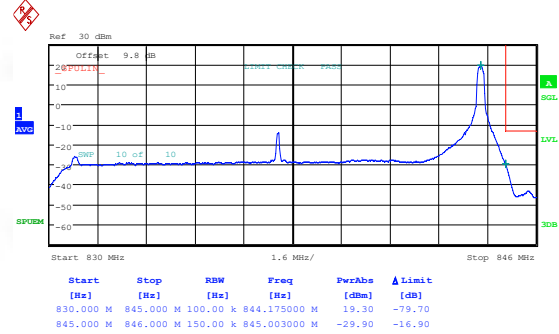
Band19-10MHz-16QAM-24100-1RB#49-PASS

Band19-10MHz-16QAM-24100-50RB#0-PASS



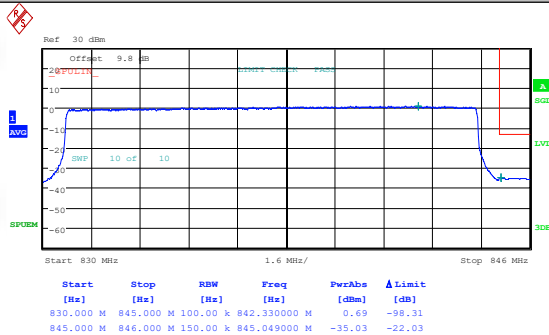
Date: 19.SEP.2025 00:11:31

Band19-15MHz-QPSK-24075-1RB#0-PASS



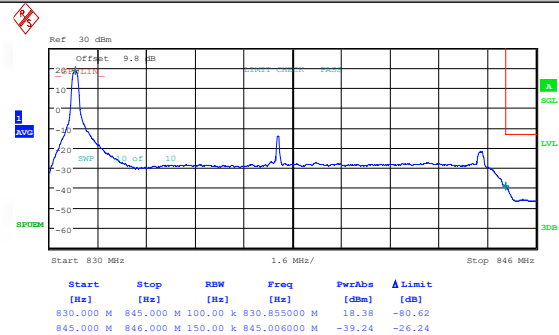
Date: 19.SEP.2025 00:12:11

Band19-15MHz-QPSK-24075-1RB#74-PASS



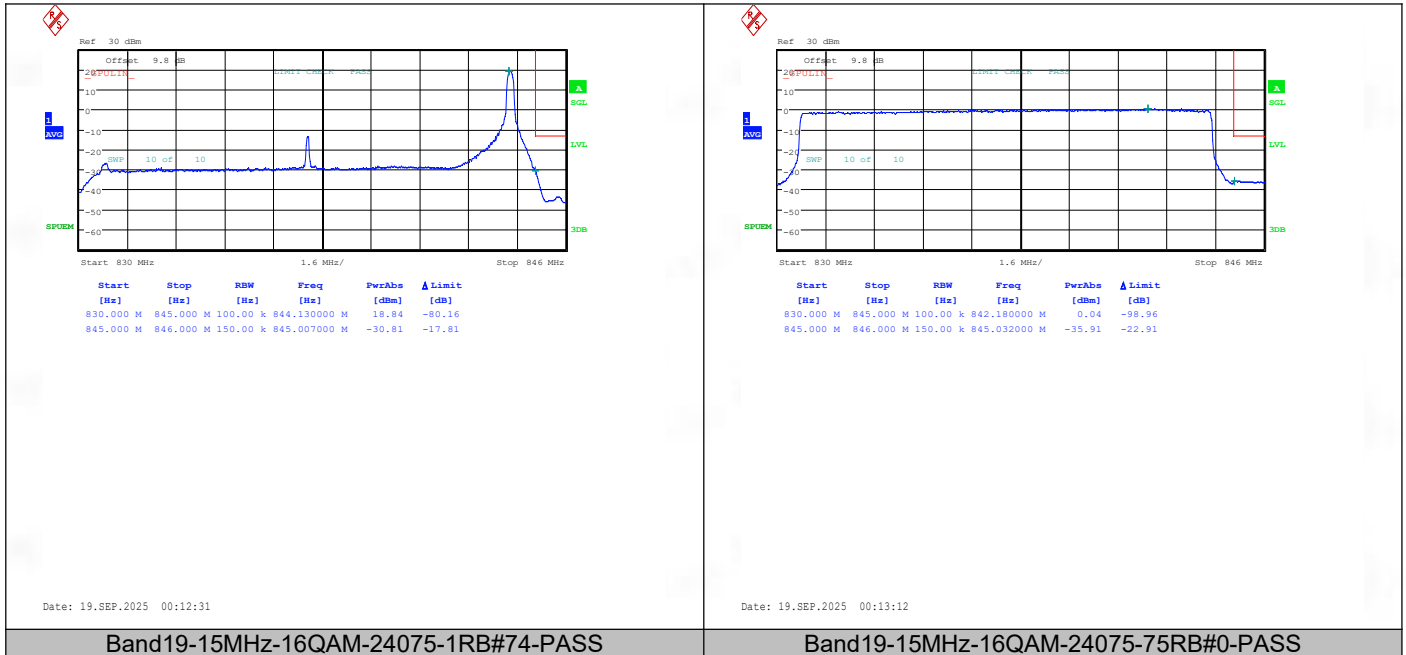
Date: 19.SEP.2025 00:12:52

Band19-15MHz-QPSK-24075-75RB#0-PASS



Date: 19.SEP.2025 00:11:51

Band19-15MHz-16QAM-24075-1RB#0-PASS



1.5 Appendix E: Conducted Spurious Emission

1.5.1 Test Result

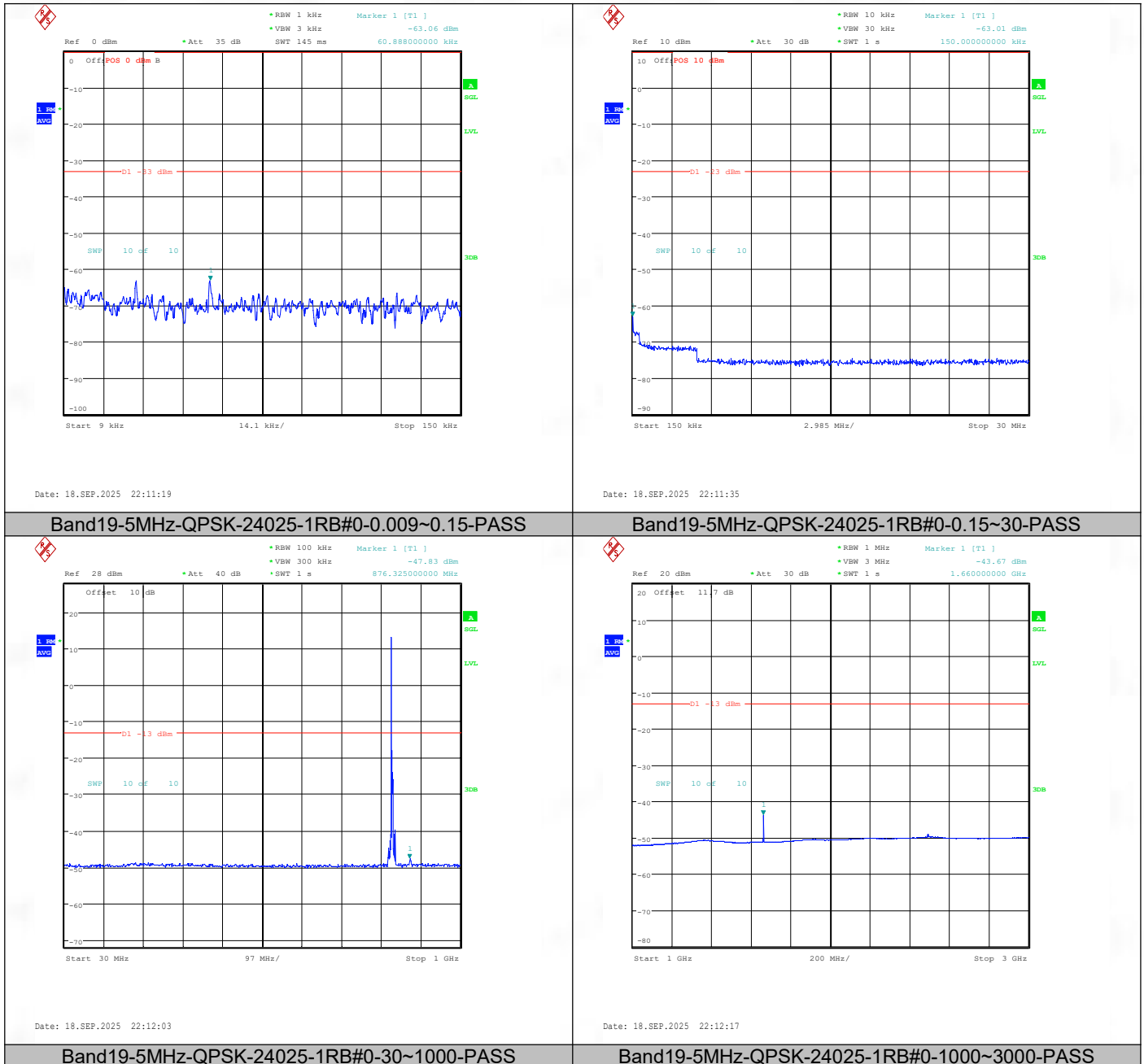
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band19	5MHz	QPSK	24025	1RB#0	0.009~0.15	-63.06	PASS
Band19	5MHz	QPSK	24025	1RB#0	0.15~30	-63.01	PASS
Band19	5MHz	QPSK	24025	1RB#0	30~1000	-47.83	PASS
Band19	5MHz	QPSK	24025	1RB#0	1000~3000	-43.67	PASS
Band19	5MHz	QPSK	24025	1RB#0	3000~10000	-45.58	PASS
Band19	5MHz	QPSK	24025	1RB#24	0.009~0.15	-61.99	PASS
Band19	5MHz	QPSK	24025	1RB#24	0.15~30	-62.67	PASS
Band19	5MHz	QPSK	24025	1RB#24	30~1000	-47.89	PASS
Band19	5MHz	QPSK	24025	1RB#24	1000~3000	-42.81	PASS
Band19	5MHz	QPSK	24025	1RB#24	3000~10000	-45.73	PASS
Band19	5MHz	QPSK	24025	25RB#0	0.009~0.15	-62.32	PASS
Band19	5MHz	QPSK	24025	25RB#0	0.15~30	-63.04	PASS
Band19	5MHz	QPSK	24025	25RB#0	30~1000	-51.55	PASS
Band19	5MHz	QPSK	24025	25RB#0	1000~3000	-48.21	PASS
Band19	5MHz	QPSK	24025	25RB#0	3000~10000	-45.53	PASS
Band19	5MHz	16QAM	24025	1RB#0	0.009~0.15	-63.65	PASS
Band19	5MHz	16QAM	24025	1RB#0	0.15~30	-63.43	PASS
Band19	5MHz	16QAM	24025	1RB#0	30~1000	-47.49	PASS
Band19	5MHz	16QAM	24025	1RB#0	1000~3000	-45.10	PASS
Band19	5MHz	16QAM	24025	1RB#0	3000~10000	-45.62	PASS
Band19	5MHz	16QAM	24025	1RB#24	0.009~0.15	-62.46	PASS
Band19	5MHz	16QAM	24025	1RB#24	0.15~30	-63.76	PASS
Band19	5MHz	16QAM	24025	1RB#24	30~1000	-47.03	PASS
Band19	5MHz	16QAM	24025	1RB#24	1000~3000	-43.71	PASS
Band19	5MHz	16QAM	24025	1RB#24	3000~10000	-45.66	PASS
Band19	5MHz	16QAM	24025	25RB#0	0.009~0.15	-64.23	PASS
Band19	5MHz	16QAM	24025	25RB#0	0.15~30	-63.20	PASS
Band19	5MHz	16QAM	24025	25RB#0	30~1000	-51.70	PASS
Band19	5MHz	16QAM	24025	25RB#0	1000~3000	-48.41	PASS
Band19	5MHz	16QAM	24025	25RB#0	3000~10000	-45.48	PASS
Band19	5MHz	QPSK	24075	1RB#0	0.009~0.15	-62.41	PASS
Band19	5MHz	QPSK	24075	1RB#0	0.15~30	-63.51	PASS
Band19	5MHz	QPSK	24075	1RB#0	30~1000	-47.81	PASS
Band19	5MHz	QPSK	24075	1RB#0	1000~3000	-44.29	PASS
Band19	5MHz	QPSK	24075	1RB#0	3000~10000	-45.39	PASS
Band19	5MHz	QPSK	24075	1RB#24	0.009~0.15	-63.21	PASS
Band19	5MHz	QPSK	24075	1RB#24	0.15~30	-62.64	PASS
Band19	5MHz	QPSK	24075	1RB#24	30~1000	-47.57	PASS
Band19	5MHz	QPSK	24075	1RB#24	1000~3000	-44.10	PASS
Band19	5MHz	QPSK	24075	1RB#24	3000~10000	-45.59	PASS
Band19	5MHz	QPSK	24075	25RB#0	0.009~0.15	-61.33	PASS
Band19	5MHz	QPSK	24075	25RB#0	0.15~30	-63.78	PASS
Band19	5MHz	QPSK	24075	25RB#0	30~1000	-51.27	PASS
Band19	5MHz	QPSK	24075	25RB#0	1000~3000	-48.66	PASS
Band19	5MHz	QPSK	24075	25RB#0	3000~10000	-45.55	PASS
Band19	5MHz	16QAM	24075	1RB#0	0.009~0.15	-63.80	PASS
Band19	5MHz	16QAM	24075	1RB#0	0.15~30	-63.05	PASS
Band19	5MHz	16QAM	24075	1RB#0	30~1000	-47.34	PASS
Band19	5MHz	16QAM	24075	1RB#0	1000~3000	-45.21	PASS
Band19	5MHz	16QAM	24075	1RB#0	3000~10000	-45.60	PASS
Band19	5MHz	16QAM	24075	1RB#24	0.009~0.15	-62.58	PASS
Band19	5MHz	16QAM	24075	1RB#24	0.15~30	-62.95	PASS
Band19	5MHz	16QAM	24075	1RB#24	30~1000	-47.77	PASS

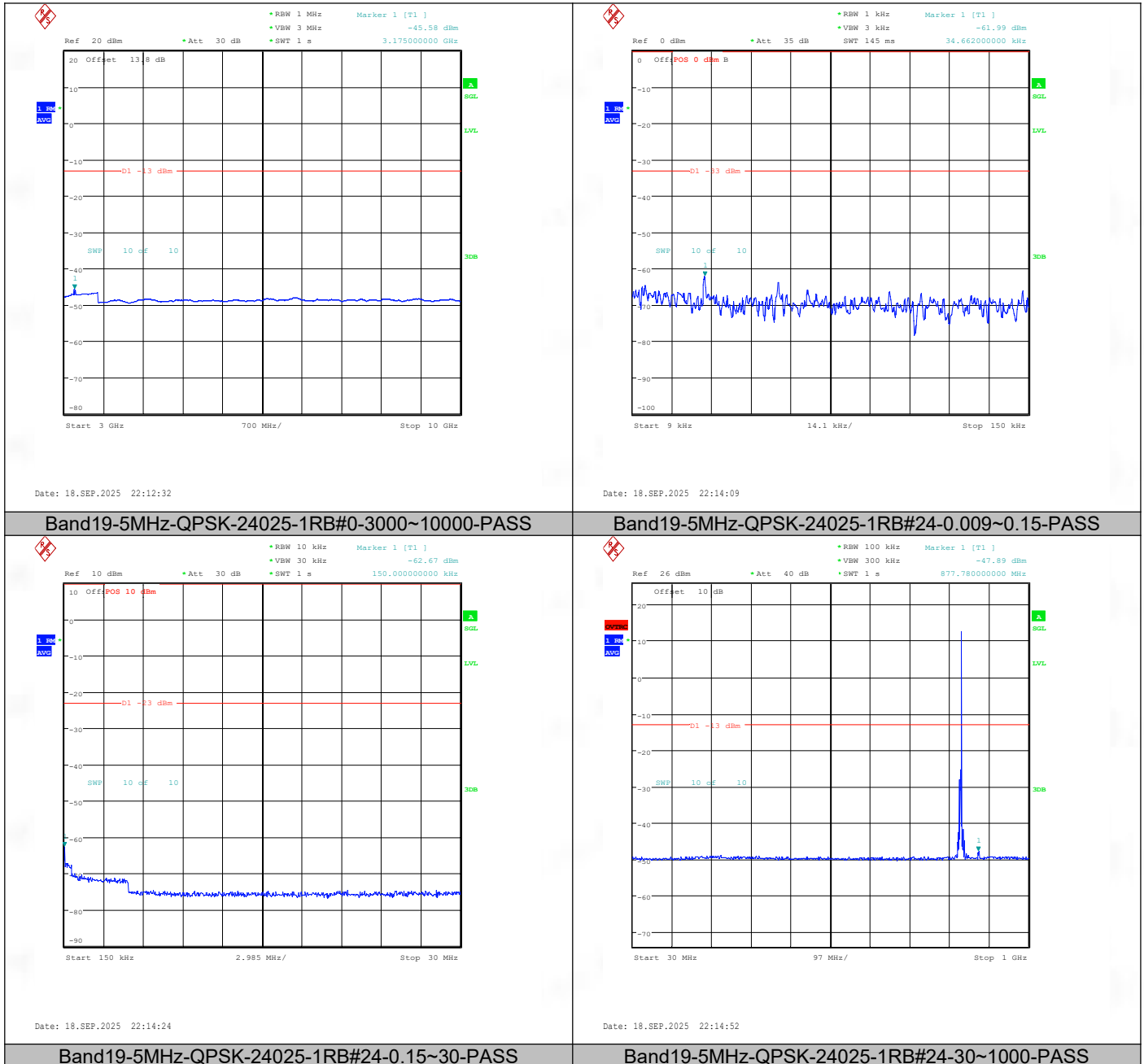
Band19	5MHz	16QAM	24075	1RB#24	1000~3000	-44.89	PASS
Band19	5MHz	16QAM	24075	1RB#24	3000~10000	-45.63	PASS
Band19	5MHz	16QAM	24075	25RB#0	0.009~0.15	-62.25	PASS
Band19	5MHz	16QAM	24075	25RB#0	0.15~30	-63.00	PASS
Band19	5MHz	16QAM	24075	25RB#0	30~1000	-51.98	PASS
Band19	5MHz	16QAM	24075	25RB#0	1000~3000	-48.90	PASS
Band19	5MHz	16QAM	24075	25RB#0	3000~10000	-45.66	PASS
Band19	5MHz	QPSK	24125	1RB#0	0.009~0.15	-62.66	PASS
Band19	5MHz	QPSK	24125	1RB#0	0.15~30	-62.98	PASS
Band19	5MHz	QPSK	24125	1RB#0	30~1000	-45.84	PASS
Band19	5MHz	QPSK	24125	1RB#0	1000~3000	-45.28	PASS
Band19	5MHz	QPSK	24125	1RB#0	3000~10000	-45.64	PASS
Band19	5MHz	QPSK	24125	1RB#24	0.009~0.15	-62.81	PASS
Band19	5MHz	QPSK	24125	1RB#24	0.15~30	-62.73	PASS
Band19	5MHz	QPSK	24125	1RB#24	30~1000	-46.31	PASS
Band19	5MHz	QPSK	24125	1RB#24	1000~3000	-42.83	PASS
Band19	5MHz	QPSK	24125	1RB#24	3000~10000	-45.59	PASS
Band19	5MHz	QPSK	24125	25RB#0	0.009~0.15	-63.04	PASS
Band19	5MHz	QPSK	24125	25RB#0	0.15~30	-63.48	PASS
Band19	5MHz	QPSK	24125	25RB#0	30~1000	-48.66	PASS
Band19	5MHz	QPSK	24125	25RB#0	1000~3000	-48.75	PASS
Band19	5MHz	QPSK	24125	25RB#0	3000~10000	-45.46	PASS
Band19	5MHz	16QAM	24125	1RB#0	0.009~0.15	-62.72	PASS
Band19	5MHz	16QAM	24125	1RB#0	0.15~30	-63.36	PASS
Band19	5MHz	16QAM	24125	1RB#0	30~1000	-49.60	PASS
Band19	5MHz	16QAM	24125	1RB#0	1000~3000	-45.92	PASS
Band19	5MHz	16QAM	24125	1RB#0	3000~10000	-45.68	PASS
Band19	5MHz	16QAM	24125	1RB#24	0.009~0.15	-64.13	PASS
Band19	5MHz	16QAM	24125	1RB#24	0.15~30	-63.28	PASS
Band19	5MHz	16QAM	24125	1RB#24	30~1000	-45.77	PASS
Band19	5MHz	16QAM	24125	1RB#24	1000~3000	-43.65	PASS
Band19	5MHz	16QAM	24125	1RB#24	3000~10000	-45.39	PASS
Band19	5MHz	16QAM	24125	25RB#0	0.009~0.15	-63.34	PASS
Band19	5MHz	16QAM	24125	25RB#0	0.15~30	-64.00	PASS
Band19	5MHz	16QAM	24125	25RB#0	30~1000	-49.50	PASS
Band19	5MHz	16QAM	24125	25RB#0	1000~3000	-49.01	PASS
Band19	5MHz	16QAM	24125	25RB#0	3000~10000	-45.55	PASS
Band19	10MHz	QPSK	24050	1RB#0	0.009~0.15	-63.01	PASS
Band19	10MHz	QPSK	24050	1RB#0	0.15~30	-63.06	PASS
Band19	10MHz	QPSK	24050	1RB#0	30~1000	-53.65	PASS
Band19	10MHz	QPSK	24050	1RB#0	1000~3000	-43.10	PASS
Band19	10MHz	QPSK	24050	1RB#0	3000~10000	-46.27	PASS
Band19	10MHz	QPSK	24050	1RB#49	0.009~0.15	-63.40	PASS
Band19	10MHz	QPSK	24050	1RB#49	0.15~30	-62.93	PASS
Band19	10MHz	QPSK	24050	1RB#49	30~1000	-48.99	PASS
Band19	10MHz	QPSK	24050	1RB#49	1000~3000	-44.36	PASS
Band19	10MHz	QPSK	24050	1RB#49	3000~10000	-45.96	PASS
Band19	10MHz	QPSK	24050	50RB#0	0.009~0.15	-62.49	PASS
Band19	10MHz	QPSK	24050	50RB#0	0.15~30	-63.13	PASS
Band19	10MHz	QPSK	24050	50RB#0	30~1000	-57.91	PASS
Band19	10MHz	QPSK	24050	50RB#0	1000~3000	-49.37	PASS
Band19	10MHz	QPSK	24050	50RB#0	3000~10000	-46.00	PASS
Band19	10MHz	16QAM	24050	1RB#0	0.009~0.15	-63.18	PASS
Band19	10MHz	16QAM	24050	1RB#0	0.15~30	-63.37	PASS
Band19	10MHz	16QAM	24050	1RB#0	30~1000	-49.01	PASS
Band19	10MHz	16QAM	24050	1RB#0	1000~3000	-44.01	PASS
Band19	10MHz	16QAM	24050	1RB#0	3000~10000	-46.24	PASS
Band19	10MHz	16QAM	24050	1RB#49	0.009~0.15	-62.58	PASS
Band19	10MHz	16QAM	24050	1RB#49	0.15~30	-63.09	PASS
Band19	10MHz	16QAM	24050	1RB#49	30~1000	-48.99	PASS

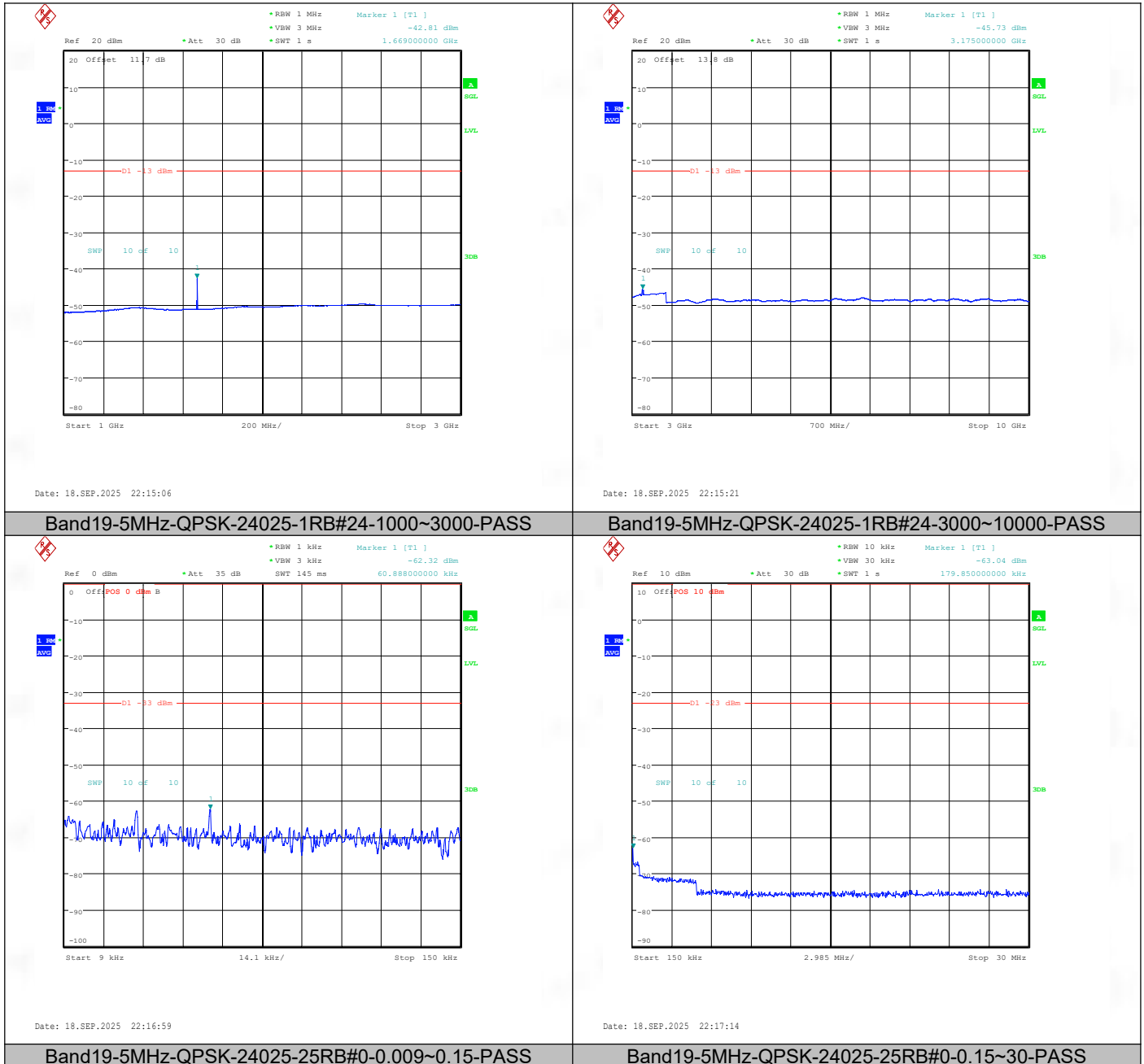
Band19	10MHz	16QAM	24050	1RB#49	1000~3000	-45.44	PASS
Band19	10MHz	16QAM	24050	1RB#49	3000~10000	-45.95	PASS
Band19	10MHz	16QAM	24050	50RB#0	0.009~0.15	-63.14	PASS
Band19	10MHz	16QAM	24050	50RB#0	0.15~30	-63.09	PASS
Band19	10MHz	16QAM	24050	50RB#0	30~1000	-57.85	PASS
Band19	10MHz	16QAM	24050	50RB#0	1000~3000	-49.52	PASS
Band19	10MHz	16QAM	24050	50RB#0	3000~10000	-46.02	PASS
Band19	10MHz	QPSK	24075	1RB#0	0.009~0.15	-62.97	PASS
Band19	10MHz	QPSK	24075	1RB#0	0.15~30	-63.41	PASS
Band19	10MHz	QPSK	24075	1RB#0	30~1000	-49.06	PASS
Band19	10MHz	QPSK	24075	1RB#0	1000~3000	-42.62	PASS
Band19	10MHz	QPSK	24075	1RB#0	3000~10000	-45.95	PASS
Band19	10MHz	QPSK	24075	1RB#49	0.009~0.15	-64.08	PASS
Band19	10MHz	QPSK	24075	1RB#49	0.15~30	-63.35	PASS
Band19	10MHz	QPSK	24075	1RB#49	30~1000	-48.97	PASS
Band19	10MHz	QPSK	24075	1RB#49	1000~3000	-44.66	PASS
Band19	10MHz	QPSK	24075	1RB#49	3000~10000	-45.99	PASS
Band19	10MHz	QPSK	24075	50RB#0	0.009~0.15	-63.17	PASS
Band19	10MHz	QPSK	24075	50RB#0	0.15~30	-63.05	PASS
Band19	10MHz	QPSK	24075	50RB#0	30~1000	-57.94	PASS
Band19	10MHz	QPSK	24075	50RB#0	1000~3000	-49.60	PASS
Band19	10MHz	QPSK	24075	50RB#0	3000~10000	-46.08	PASS
Band19	10MHz	16QAM	24075	1RB#0	0.009~0.15	-63.41	PASS
Band19	10MHz	16QAM	24075	1RB#0	0.15~30	-63.35	PASS
Band19	10MHz	16QAM	24075	1RB#0	30~1000	-49.03	PASS
Band19	10MHz	16QAM	24075	1RB#0	1000~3000	-43.25	PASS
Band19	10MHz	16QAM	24075	1RB#0	3000~10000	-45.88	PASS
Band19	10MHz	16QAM	24075	1RB#49	0.009~0.15	-61.48	PASS
Band19	10MHz	16QAM	24075	1RB#49	0.15~30	-63.45	PASS
Band19	10MHz	16QAM	24075	1RB#49	30~1000	-48.96	PASS
Band19	10MHz	16QAM	24075	1RB#49	1000~3000	-45.42	PASS
Band19	10MHz	16QAM	24075	1RB#49	3000~10000	-46.12	PASS
Band19	10MHz	16QAM	24075	50RB#0	0.009~0.15	-63.09	PASS
Band19	10MHz	16QAM	24075	50RB#0	0.15~30	-63.43	PASS
Band19	10MHz	16QAM	24075	50RB#0	30~1000	-57.64	PASS
Band19	10MHz	16QAM	24075	50RB#0	1000~3000	-49.46	PASS
Band19	10MHz	16QAM	24075	50RB#0	3000~10000	-45.96	PASS
Band19	10MHz	QPSK	24100	1RB#0	0.009~0.15	-62.32	PASS
Band19	10MHz	QPSK	24100	1RB#0	0.15~30	-62.99	PASS
Band19	10MHz	QPSK	24100	1RB#0	30~1000	-48.99	PASS
Band19	10MHz	QPSK	24100	1RB#0	1000~3000	-43.21	PASS
Band19	10MHz	QPSK	24100	1RB#0	3000~10000	-46.03	PASS
Band19	10MHz	QPSK	24100	1RB#49	0.009~0.15	-63.10	PASS
Band19	10MHz	QPSK	24100	1RB#49	0.15~30	-63.91	PASS
Band19	10MHz	QPSK	24100	1RB#49	30~1000	-49.02	PASS
Band19	10MHz	QPSK	24100	1RB#49	1000~3000	-43.30	PASS
Band19	10MHz	QPSK	24100	1RB#49	3000~10000	-45.93	PASS
Band19	10MHz	QPSK	24100	50RB#0	0.009~0.15	-62.37	PASS
Band19	10MHz	QPSK	24100	50RB#0	0.15~30	-63.50	PASS
Band19	10MHz	QPSK	24100	50RB#0	30~1000	-57.47	PASS
Band19	10MHz	QPSK	24100	50RB#0	1000~3000	-49.55	PASS
Band19	10MHz	QPSK	24100	50RB#0	3000~10000	-45.93	PASS
Band19	10MHz	16QAM	24100	1RB#0	0.009~0.15	-63.48	PASS
Band19	10MHz	16QAM	24100	1RB#0	0.15~30	-63.43	PASS
Band19	10MHz	16QAM	24100	1RB#0	30~1000	-53.49	PASS
Band19	10MHz	16QAM	24100	1RB#0	1000~3000	-43.77	PASS
Band19	10MHz	16QAM	24100	1RB#0	3000~10000	-46.12	PASS
Band19	10MHz	16QAM	24100	1RB#49	0.009~0.15	-63.60	PASS
Band19	10MHz	16QAM	24100	1RB#49	0.15~30	-63.17	PASS
Band19	10MHz	16QAM	24100	1RB#49	30~1000	-53.43	PASS

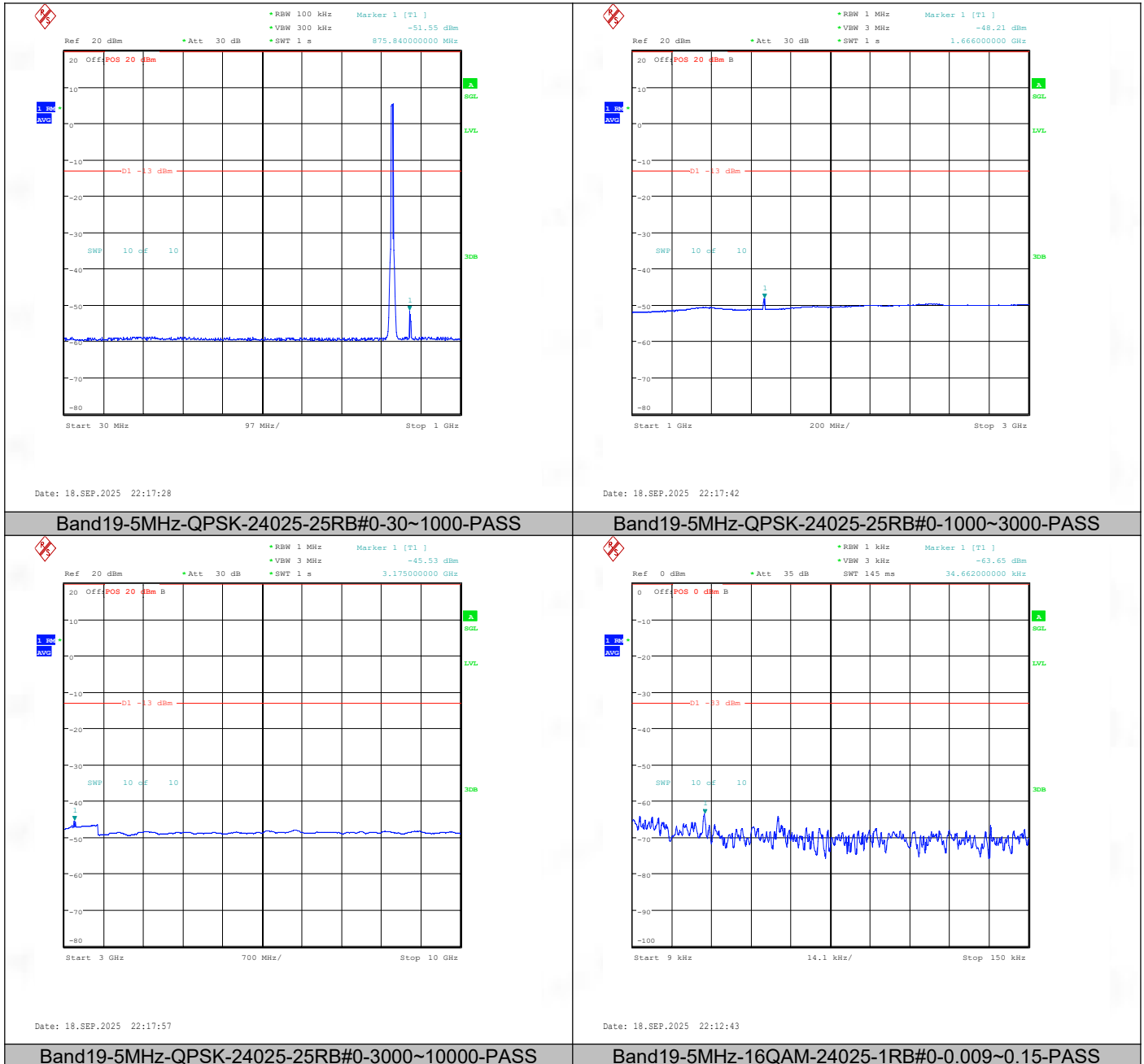
Band19	10MHz	16QAM	24100	1RB#49	1000~3000	-44.25	PASS
Band19	10MHz	16QAM	24100	1RB#49	3000~10000	-45.95	PASS
Band19	10MHz	16QAM	24100	50RB#0	0.009~0.15	-62.79	PASS
Band19	10MHz	16QAM	24100	50RB#0	0.15~30	-63.38	PASS
Band19	10MHz	16QAM	24100	50RB#0	30~1000	-57.37	PASS
Band19	10MHz	16QAM	24100	50RB#0	1000~3000	-49.56	PASS
Band19	10MHz	16QAM	24100	50RB#0	3000~10000	-45.98	PASS
Band19	15MHz	QPSK	24075	1RB#0	0.009~0.15	-62.91	PASS
Band19	15MHz	QPSK	24075	1RB#0	0.15~30	-63.48	PASS
Band19	15MHz	QPSK	24075	1RB#0	30~1000	-48.81	PASS
Band19	15MHz	QPSK	24075	1RB#0	1000~3000	-43.78	PASS
Band19	15MHz	QPSK	24075	1RB#0	3000~10000	-46.12	PASS
Band19	15MHz	QPSK	24075	1RB#74	0.009~0.15	-61.87	PASS
Band19	15MHz	QPSK	24075	1RB#74	0.15~30	-63.19	PASS
Band19	15MHz	QPSK	24075	1RB#74	30~1000	-48.96	PASS
Band19	15MHz	QPSK	24075	1RB#74	1000~3000	-42.92	PASS
Band19	15MHz	QPSK	24075	1RB#74	3000~10000	-46.19	PASS
Band19	15MHz	QPSK	24075	75RB#0	0.009~0.15	-63.16	PASS
Band19	15MHz	QPSK	24075	75RB#0	0.15~30	-63.49	PASS
Band19	15MHz	QPSK	24075	75RB#0	30~1000	-57.58	PASS
Band19	15MHz	QPSK	24075	75RB#0	1000~3000	-49.44	PASS
Band19	15MHz	QPSK	24075	75RB#0	3000~10000	-45.86	PASS
Band19	15MHz	16QAM	24075	1RB#0	0.009~0.15	-63.26	PASS
Band19	15MHz	16QAM	24075	1RB#0	0.15~30	-63.56	PASS
Band19	15MHz	16QAM	24075	1RB#0	30~1000	-49.02	PASS
Band19	15MHz	16QAM	24075	1RB#0	1000~3000	-44.98	PASS
Band19	15MHz	16QAM	24075	1RB#0	3000~10000	-45.91	PASS
Band19	15MHz	16QAM	24075	1RB#74	0.009~0.15	-63.67	PASS
Band19	15MHz	16QAM	24075	1RB#74	0.15~30	-63.29	PASS
Band19	15MHz	16QAM	24075	1RB#74	30~1000	-48.92	PASS
Band19	15MHz	16QAM	24075	1RB#74	1000~3000	-43.47	PASS
Band19	15MHz	16QAM	24075	1RB#74	3000~10000	-46.04	PASS
Band19	15MHz	16QAM	24075	75RB#0	0.009~0.15	-62.69	PASS
Band19	15MHz	16QAM	24075	75RB#0	0.15~30	-63.50	PASS
Band19	15MHz	16QAM	24075	75RB#0	30~1000	-57.70	PASS
Band19	15MHz	16QAM	24075	75RB#0	1000~3000	-49.58	PASS
Band19	15MHz	16QAM	24075	75RB#0	3000~10000	-45.85	PASS

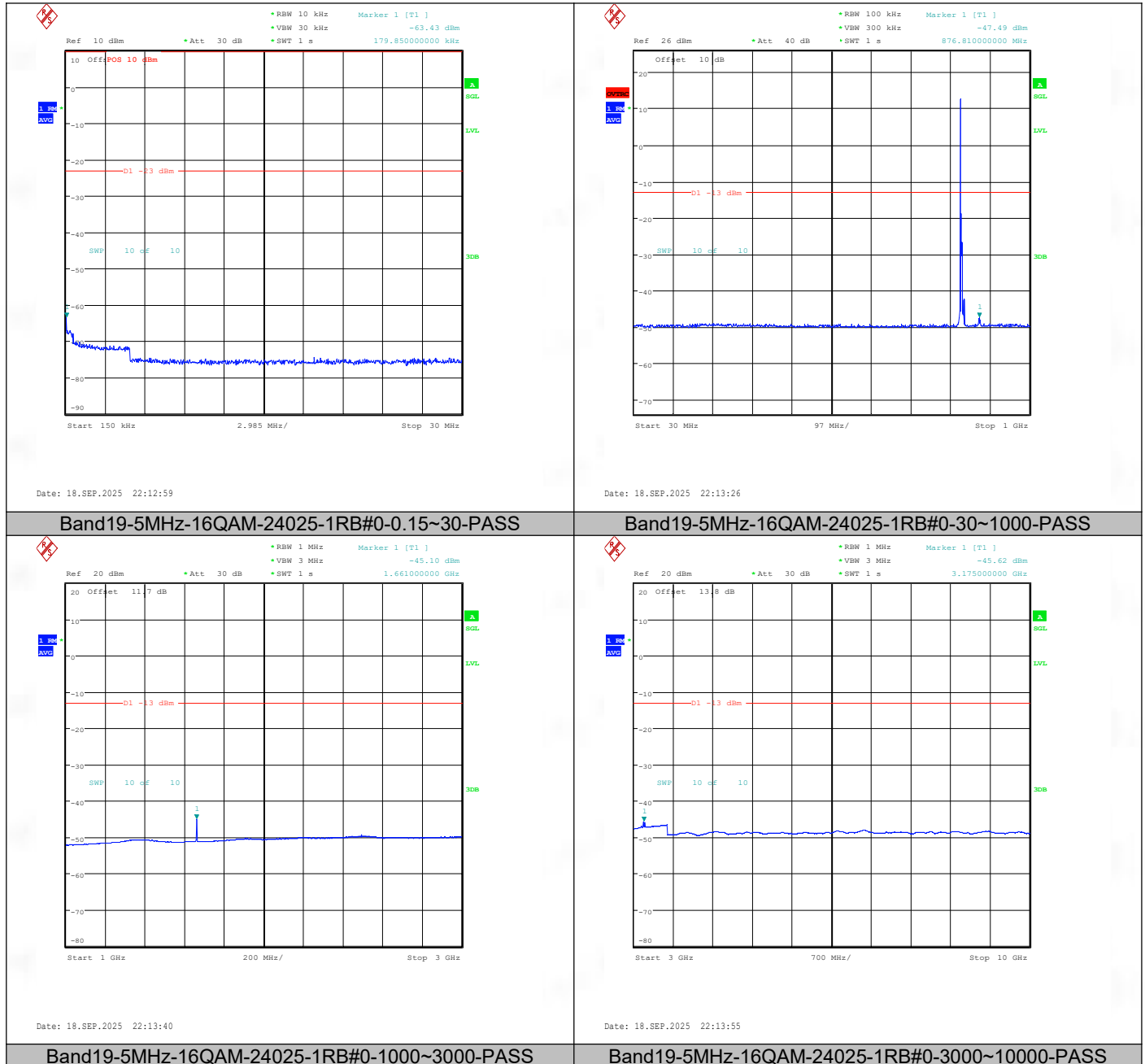
1.5.2 Test Graphs

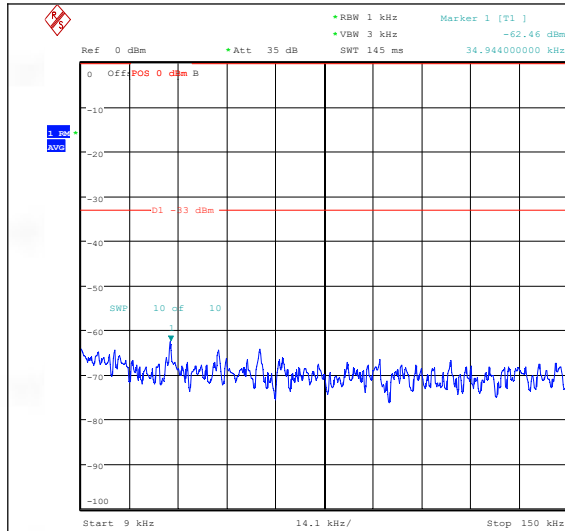






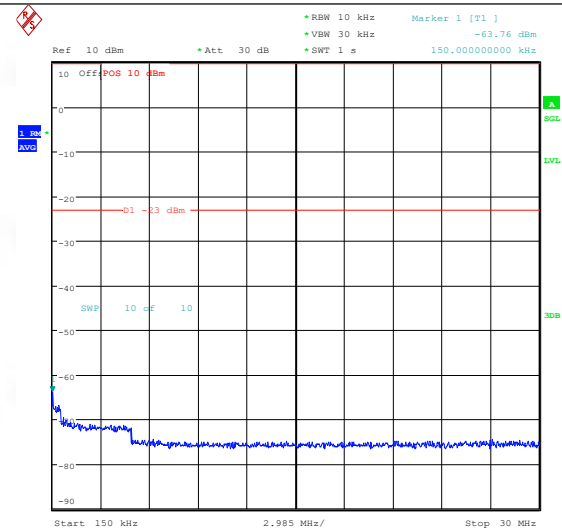






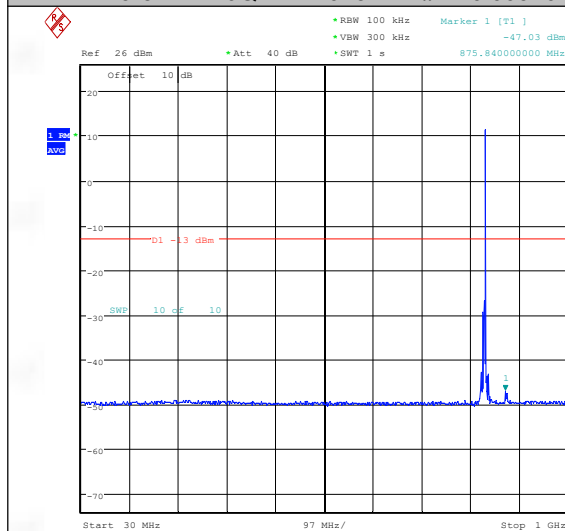
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Band19-5MHz-16QAM-24025-1RB#24-0.009~0.15-PASS



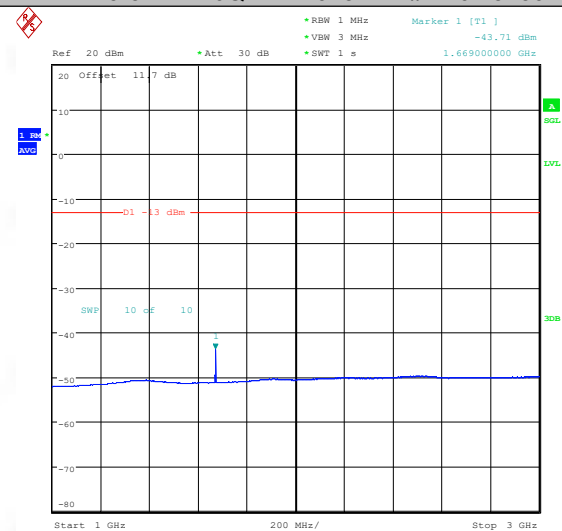
Date: 18.SEP.2025 22:15:47

Band19-5MHz-16QAM-24025-1RB#24-0.15~30-PASS



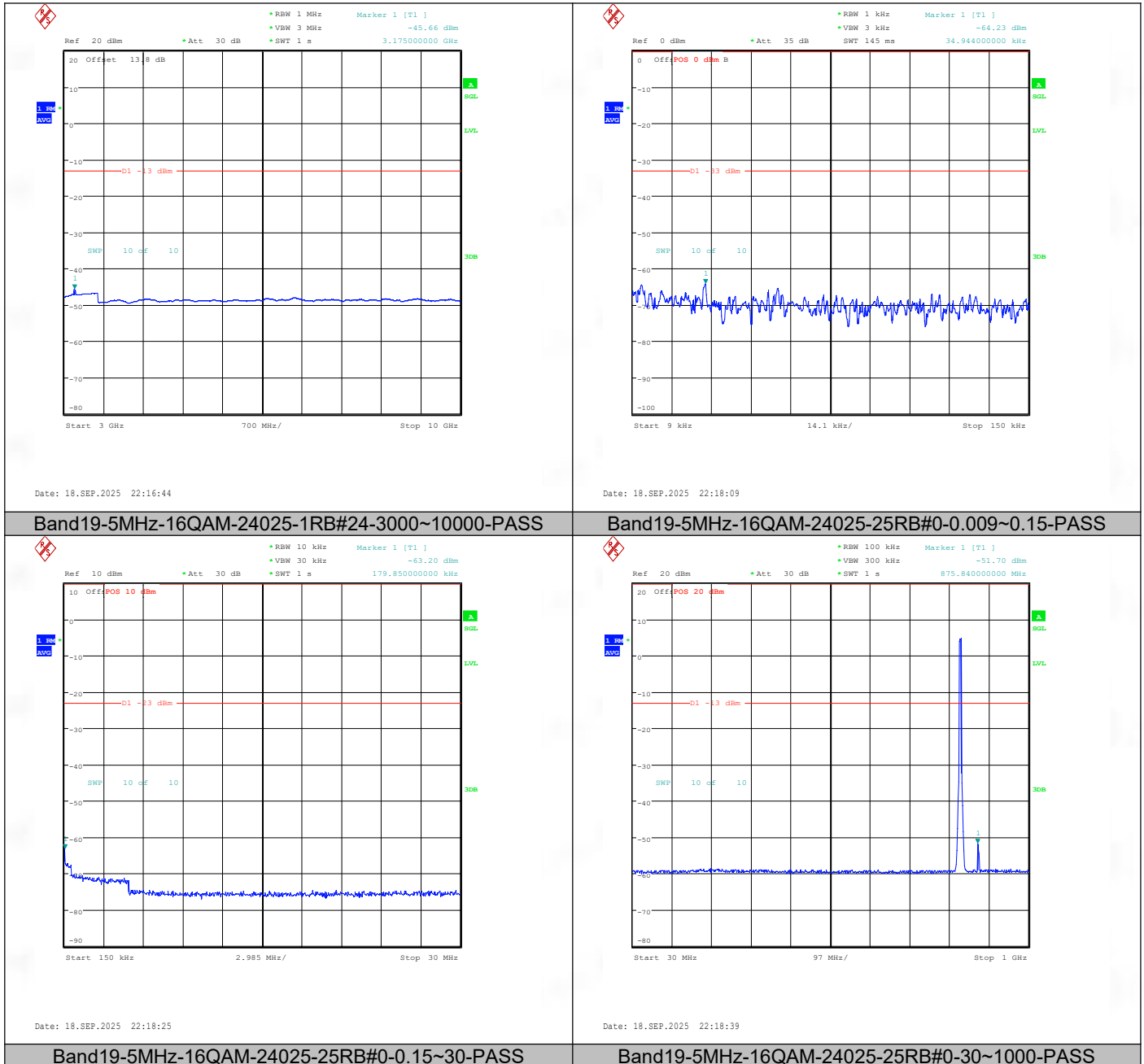
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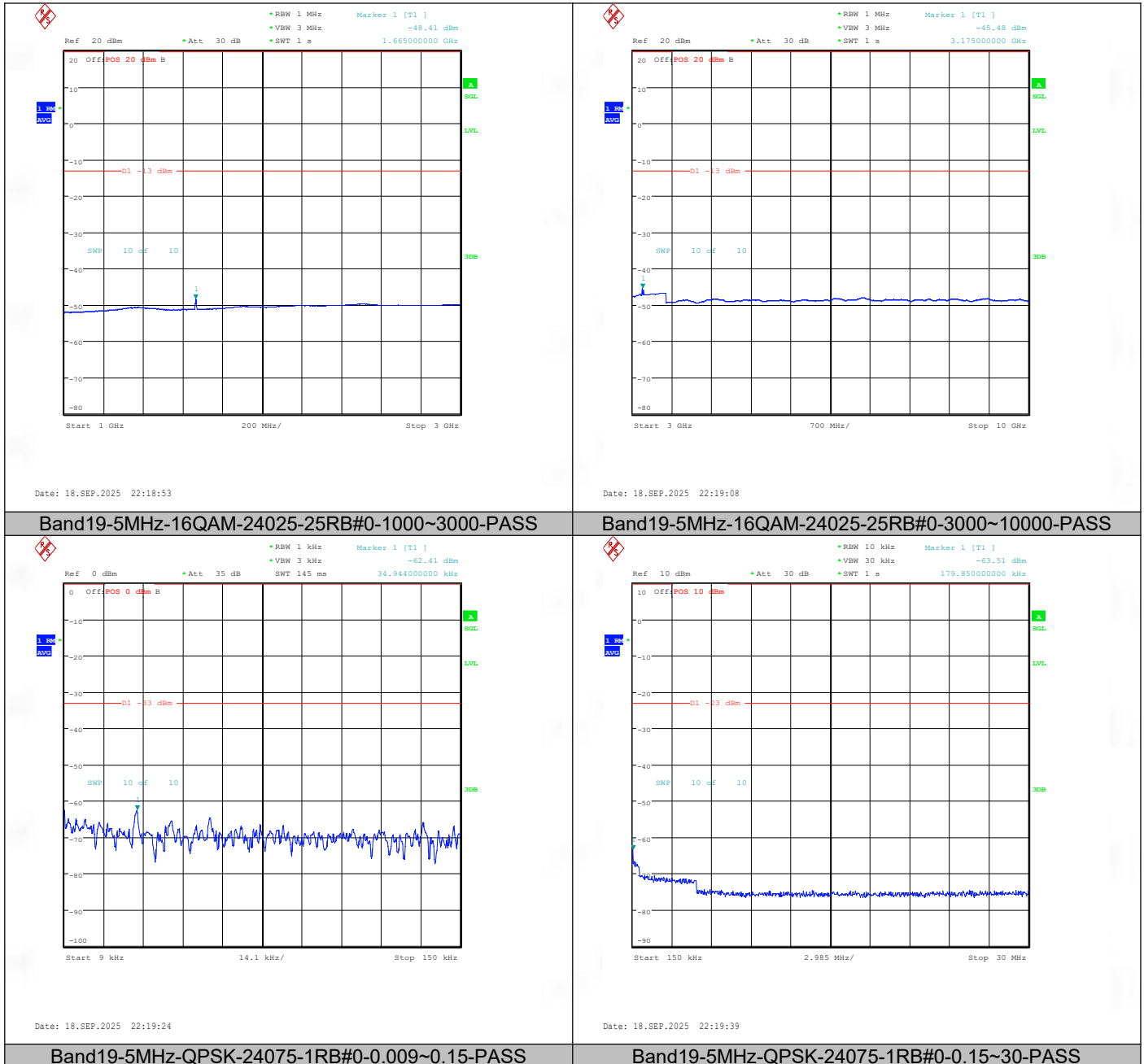
Band19-5MHz-16QAM-24025-1RB#24-30~1000-PASS

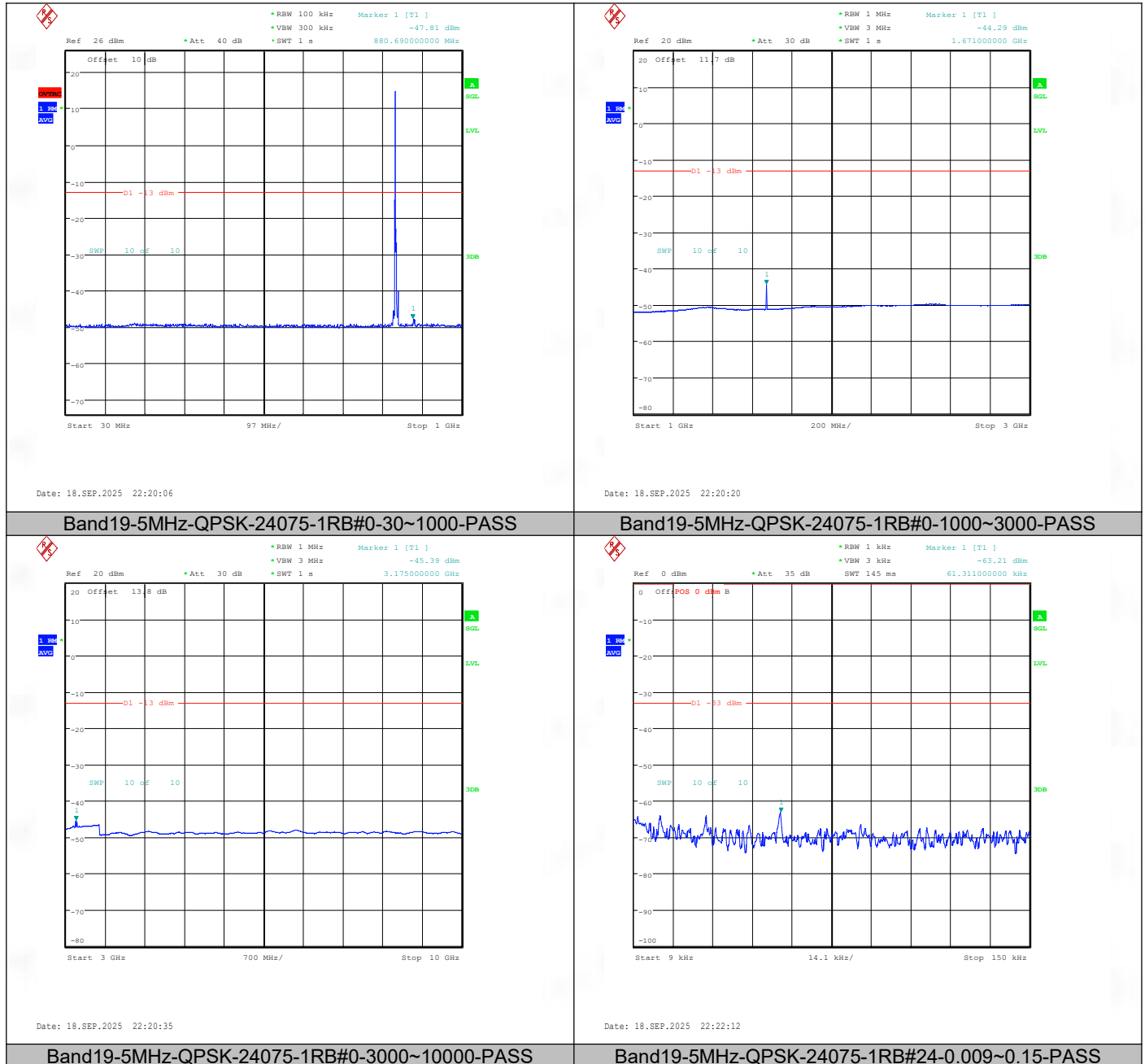


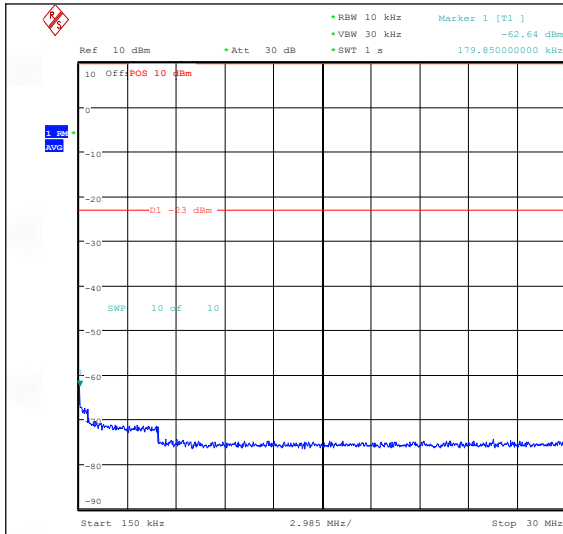
Date: 18.SEP.2025 22:16:29

Band19-5MHz-16QAM-24025-1RB#24-1000~3000-PASS

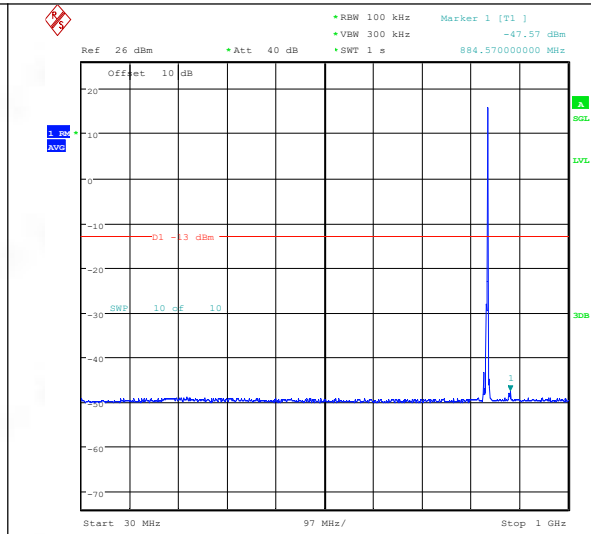








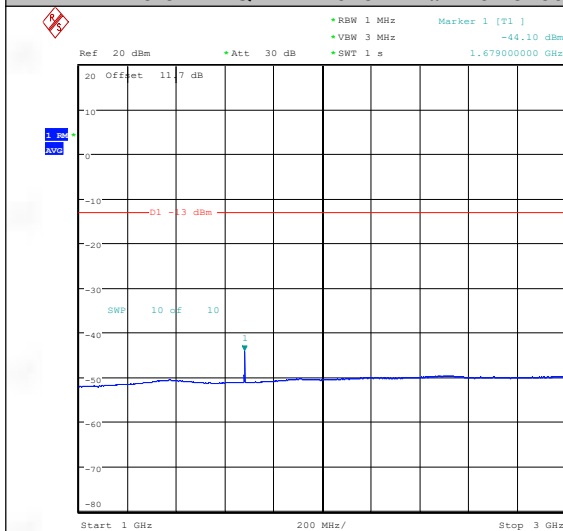
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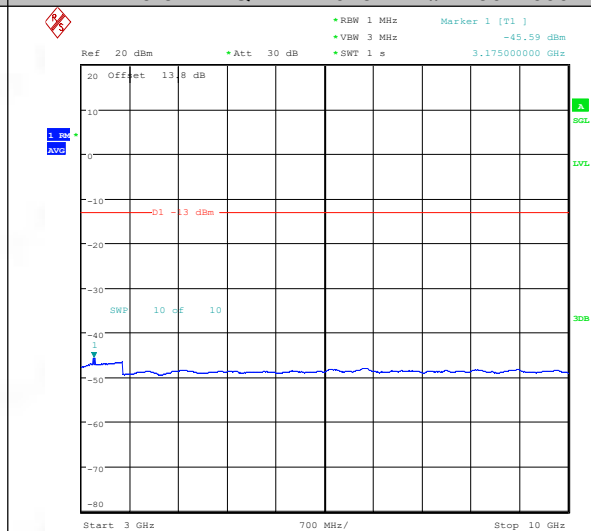
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Band19-5MHz-QPSK-24075-1RB#24-0.15~30-PASS

Band19-5MHz-QPSK-24075-1RB#24-30~1000-PASS



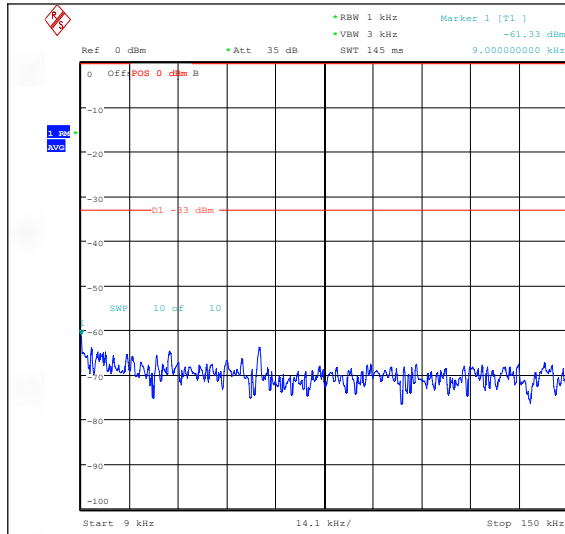
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Date: 18.SEP.2025 22:23:24

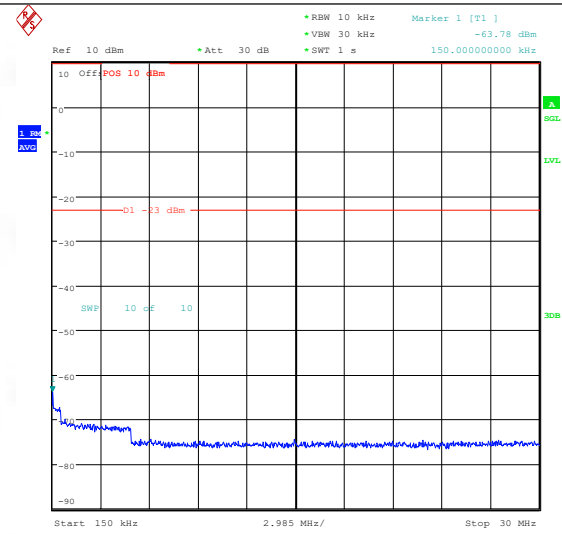
Band19-5MHz-QPSK-24075-1RB#24-1000~3000-PASS

Band19-5MHz-QPSK-24075-1RB#24-3000~10000-PASS



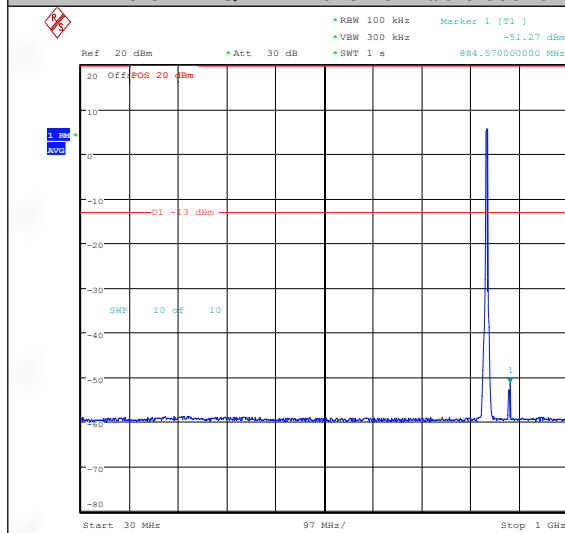
Date: 18.SEP.2025 22:25:01

Band19-5MHz-QPSK-24075-25RB#0-0.009~0.15-PASS



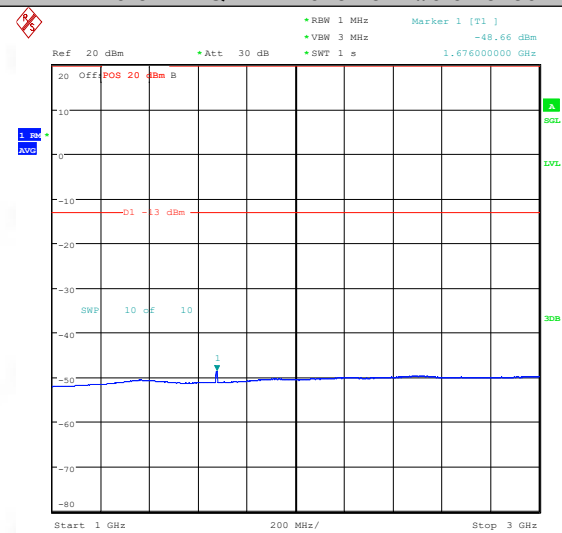
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Band19-5MHz-QPSK-24075-25RB#0-0.15~30-PASS



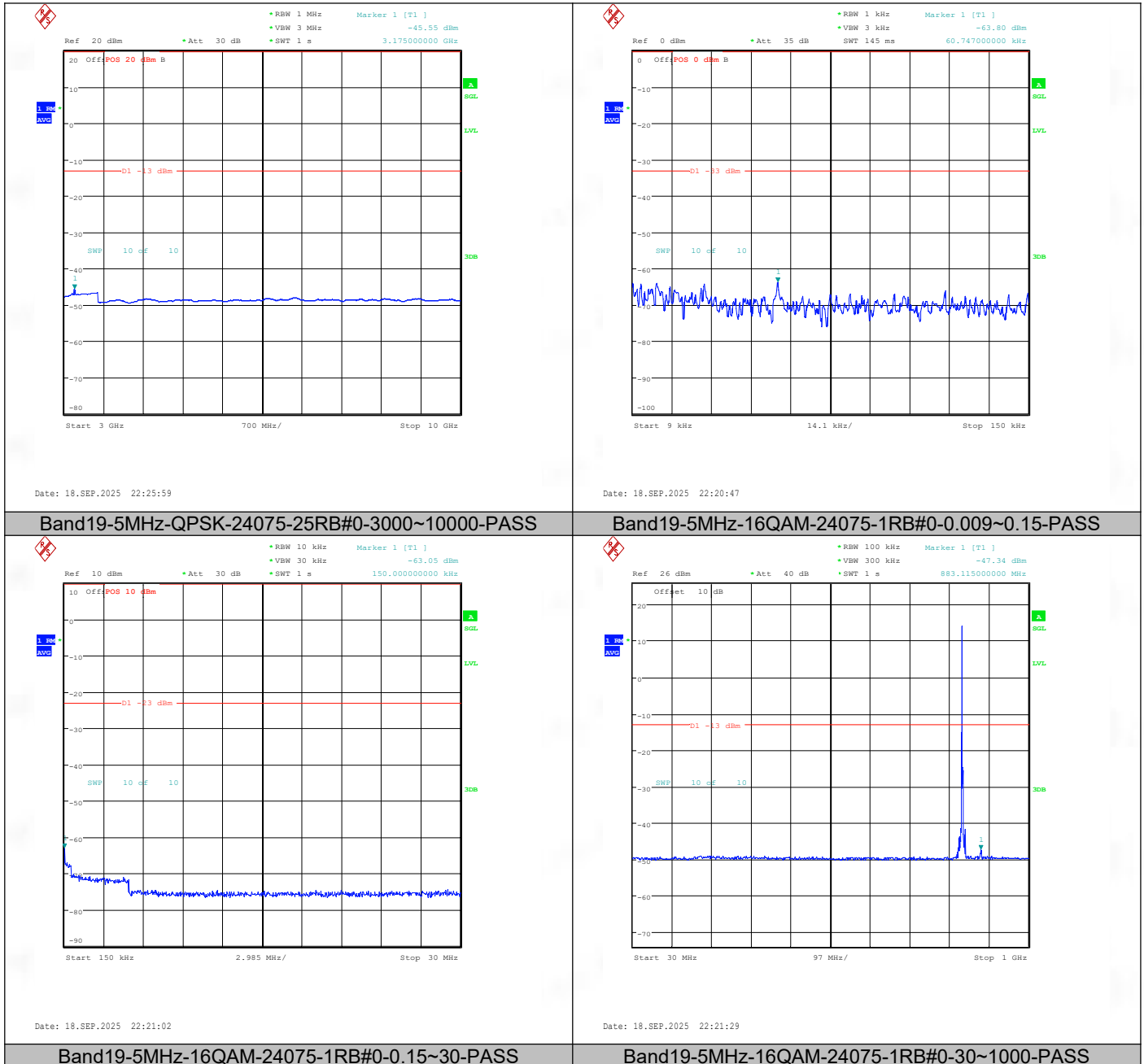
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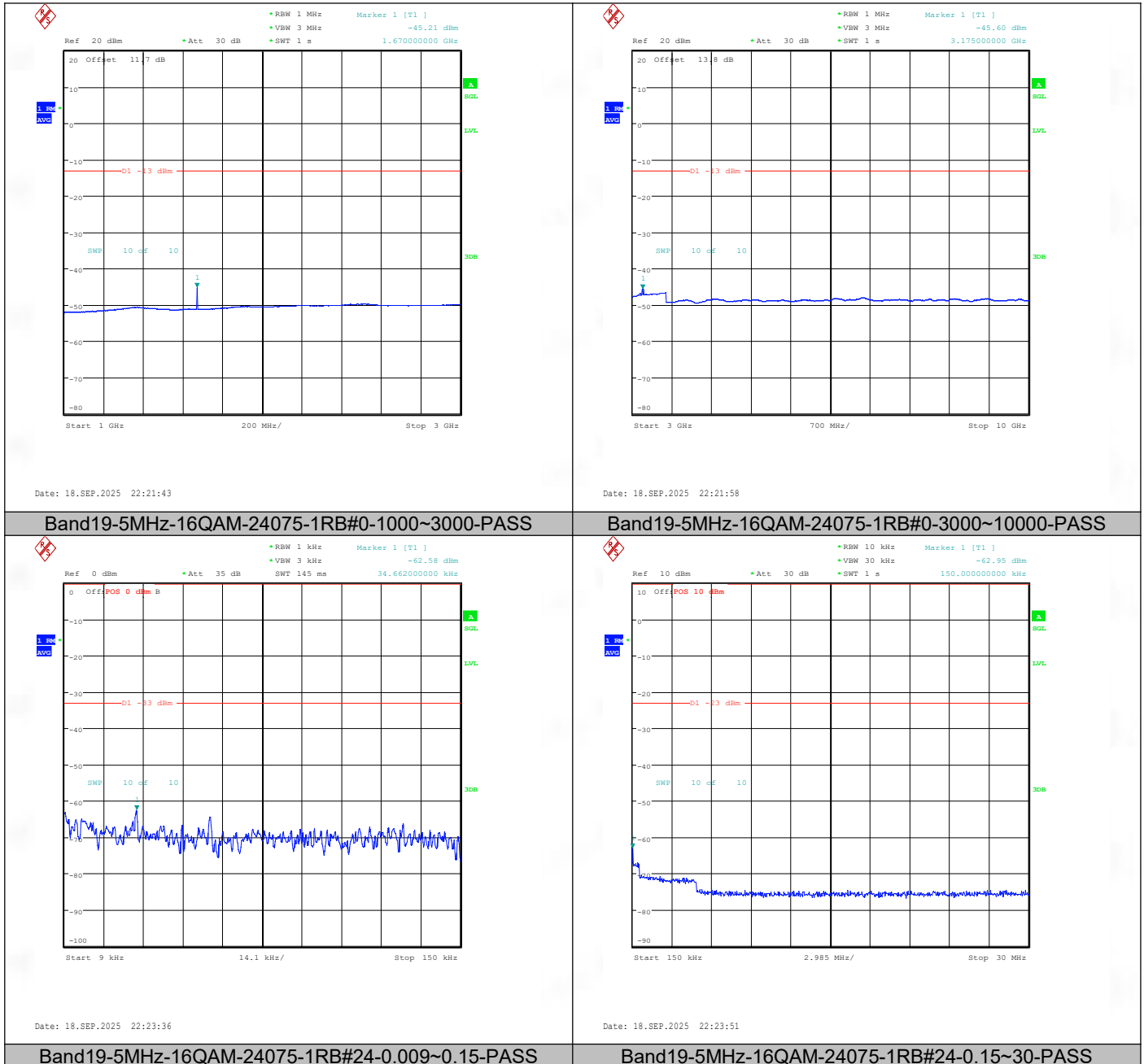
Band19-5MHz-QPSK-24075-25RB#0-30~1000-PASS

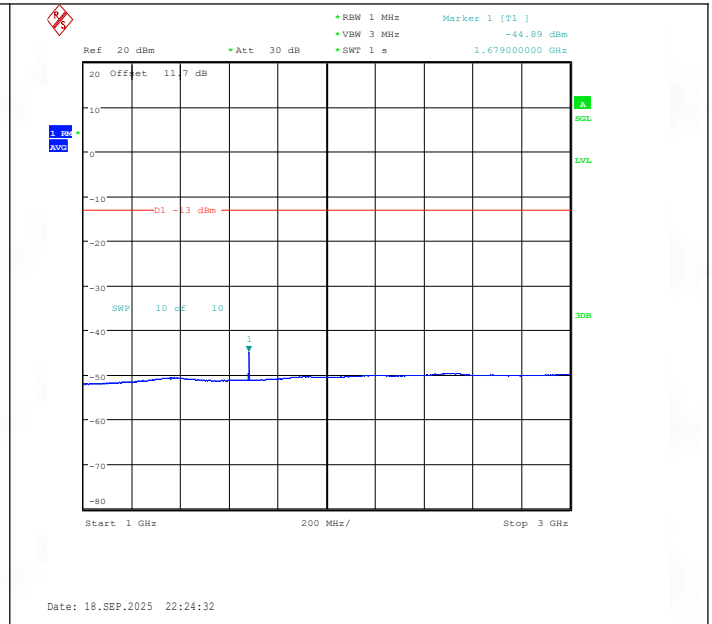
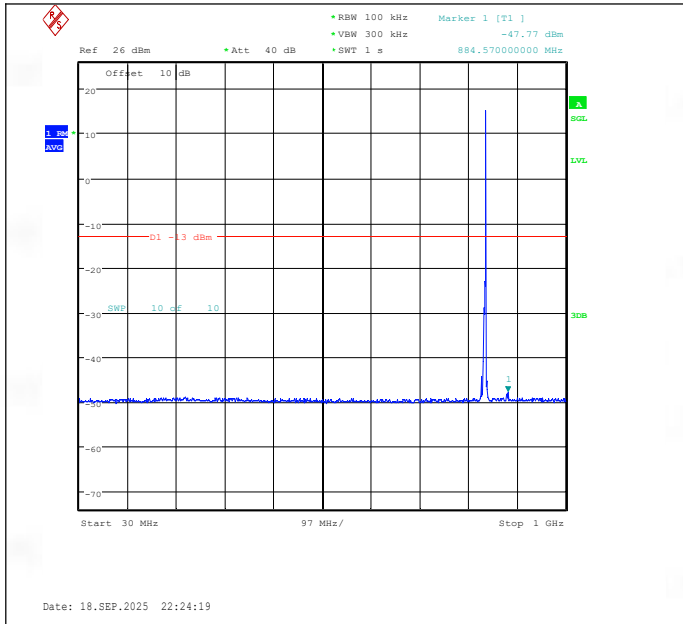


Date: 18.SEP.2025 22:25:44

Band19-5MHz-QPSK-24075-25RB#0-1000~3000-PASS

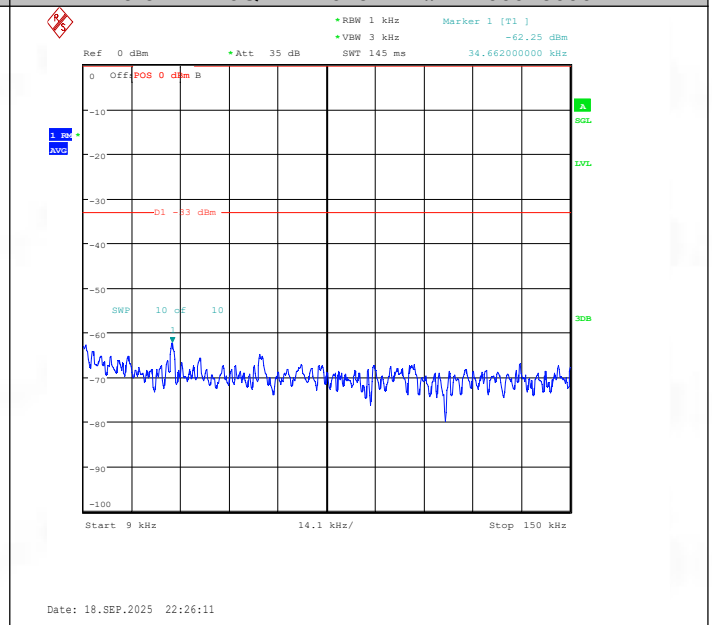
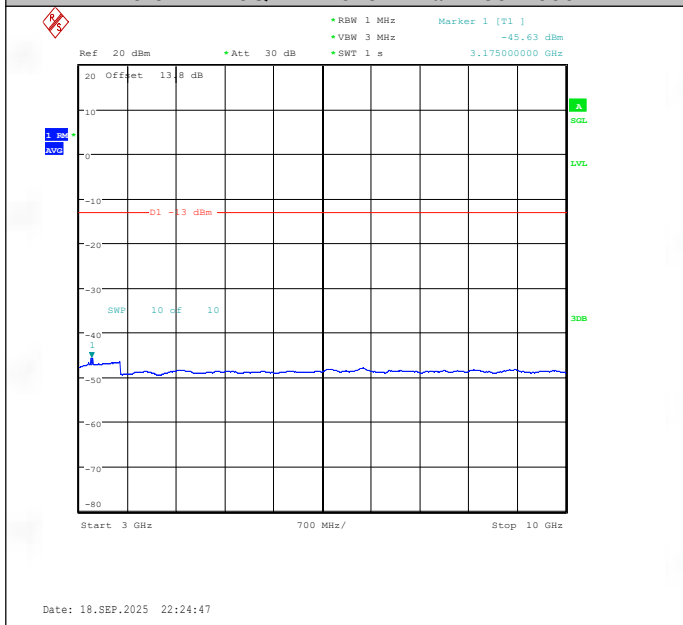






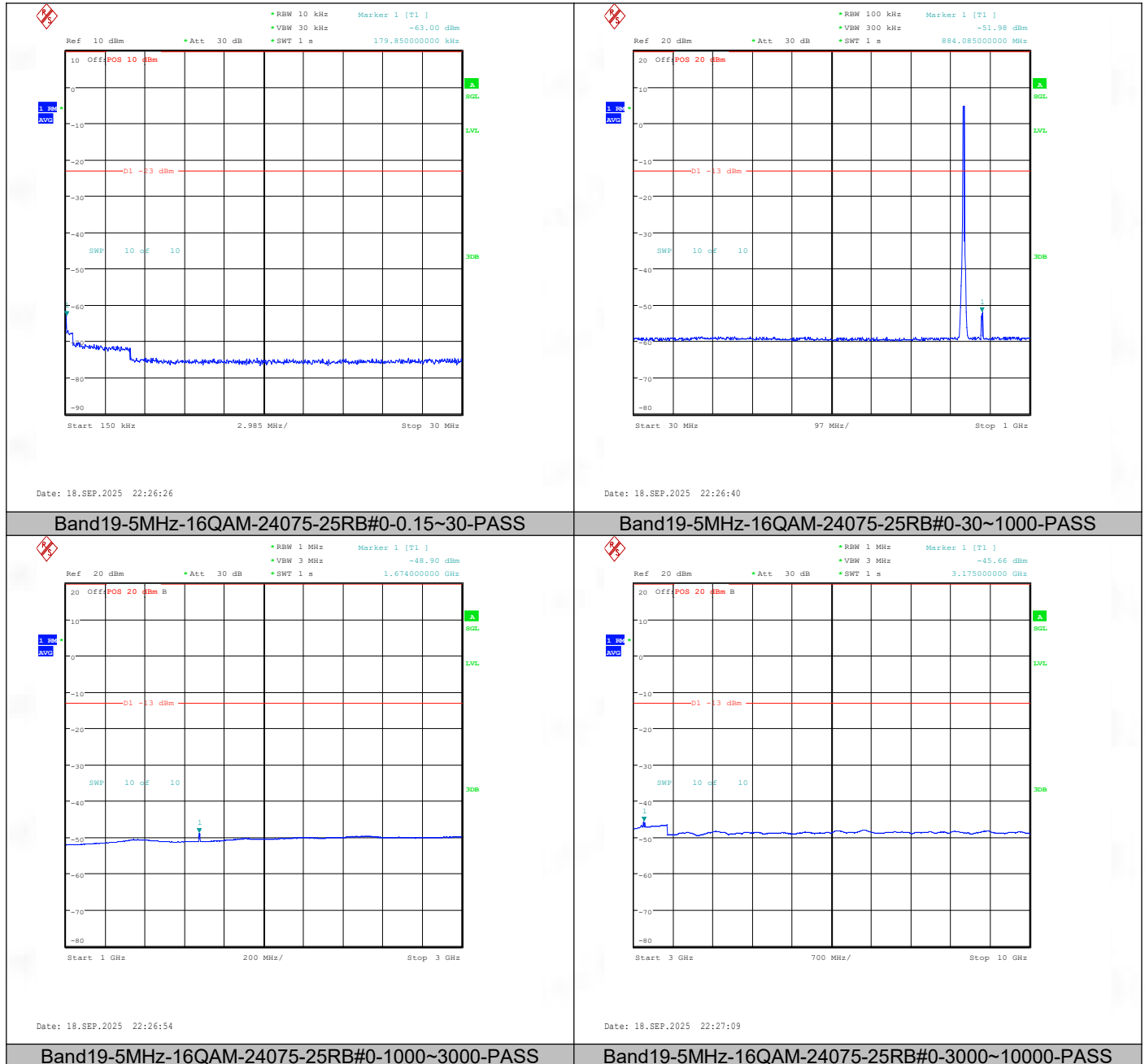
Band19-5MHz-16QAM-24075-1RB#24-30~1000-PASS

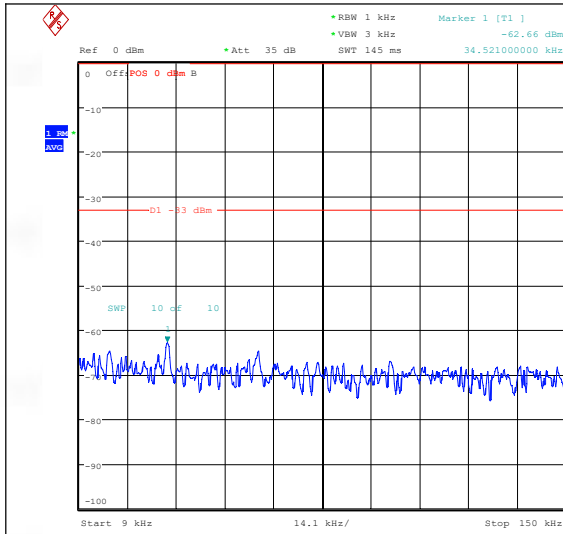
Band19-5MHz-16QAM-24075-1RB#24-1000~3000-PASS



Band19-5MHz-16QAM-24075-1RB#24-3000~10000-PASS

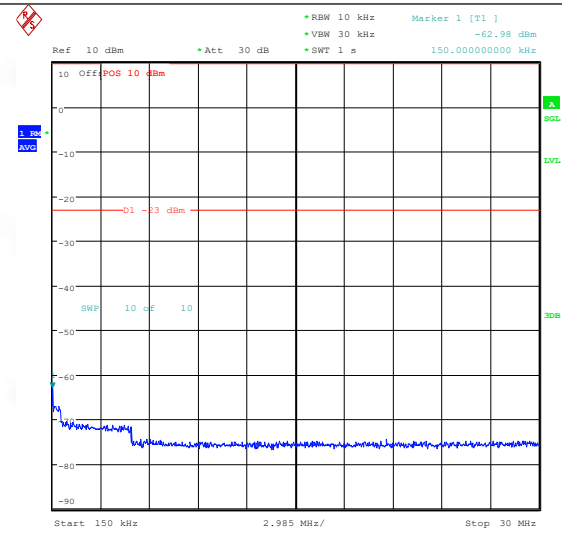
Band19-5MHz-16QAM-24075-25RB#0-0.009~0.15-PASS





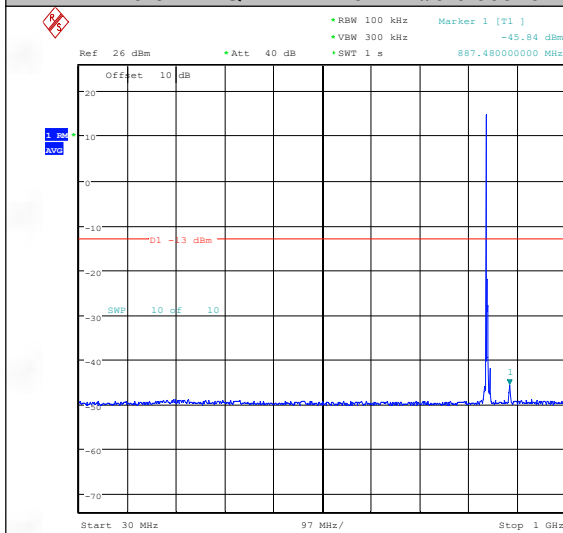
Date: 18.SEP.2025 22:27:24

Band19-5MHz-QPSK-24125-1RB#0-0.009~0.15-PASS



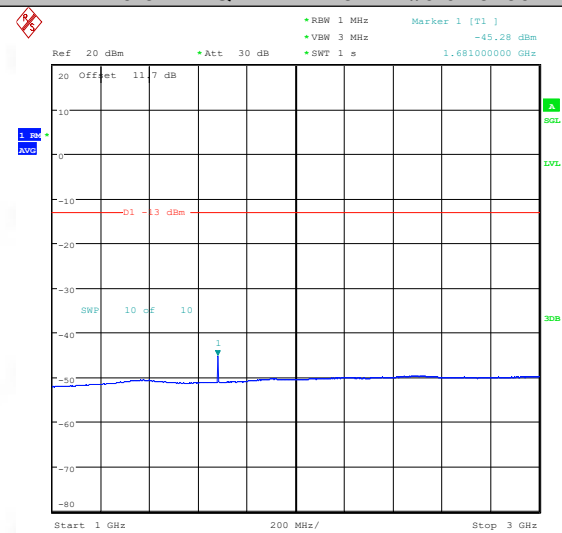
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Band19-5MHz-QPSK-24125-1RB#0-0.15~30-PASS



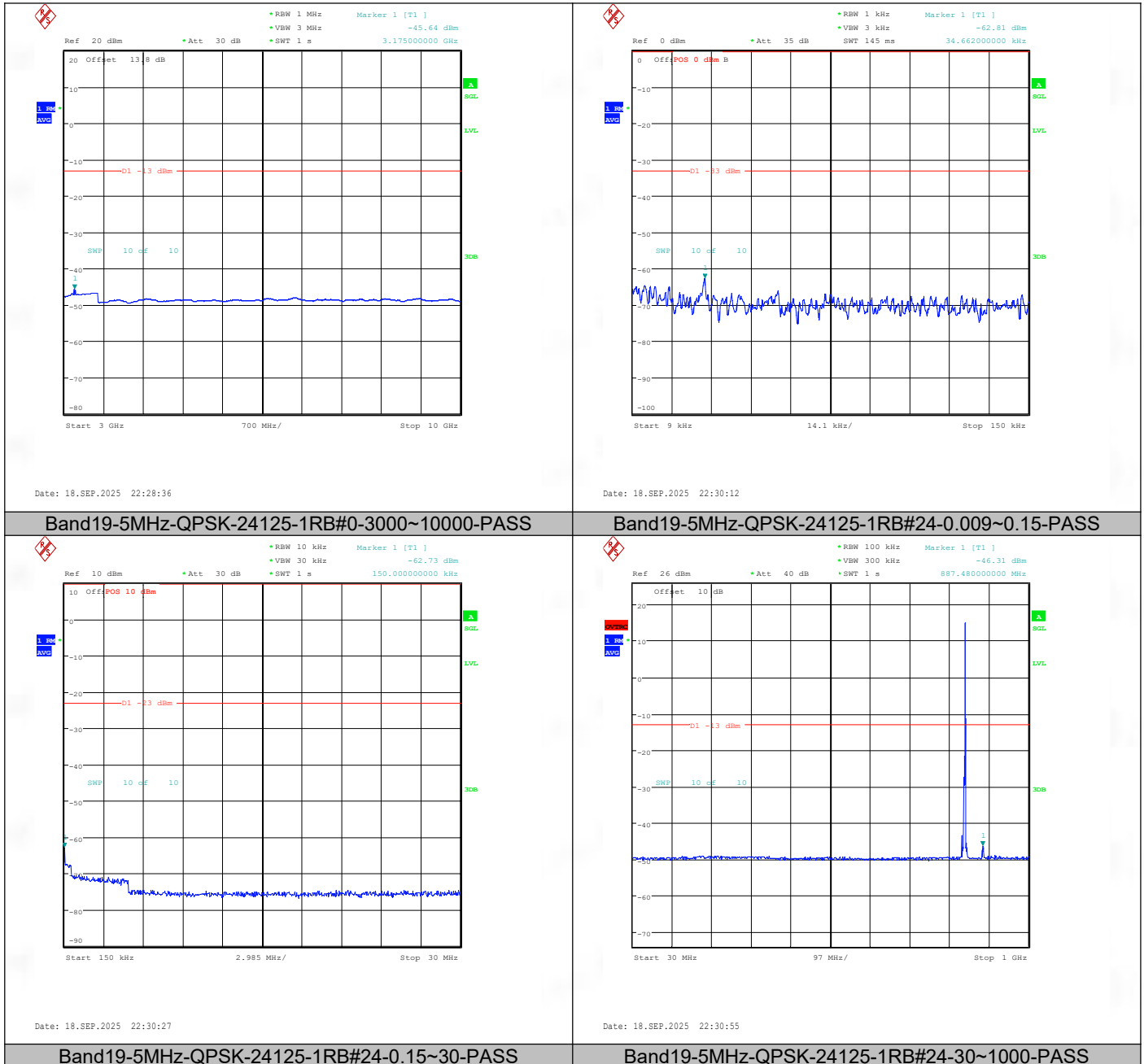
Date: 18.SEP.2025 22:28:07

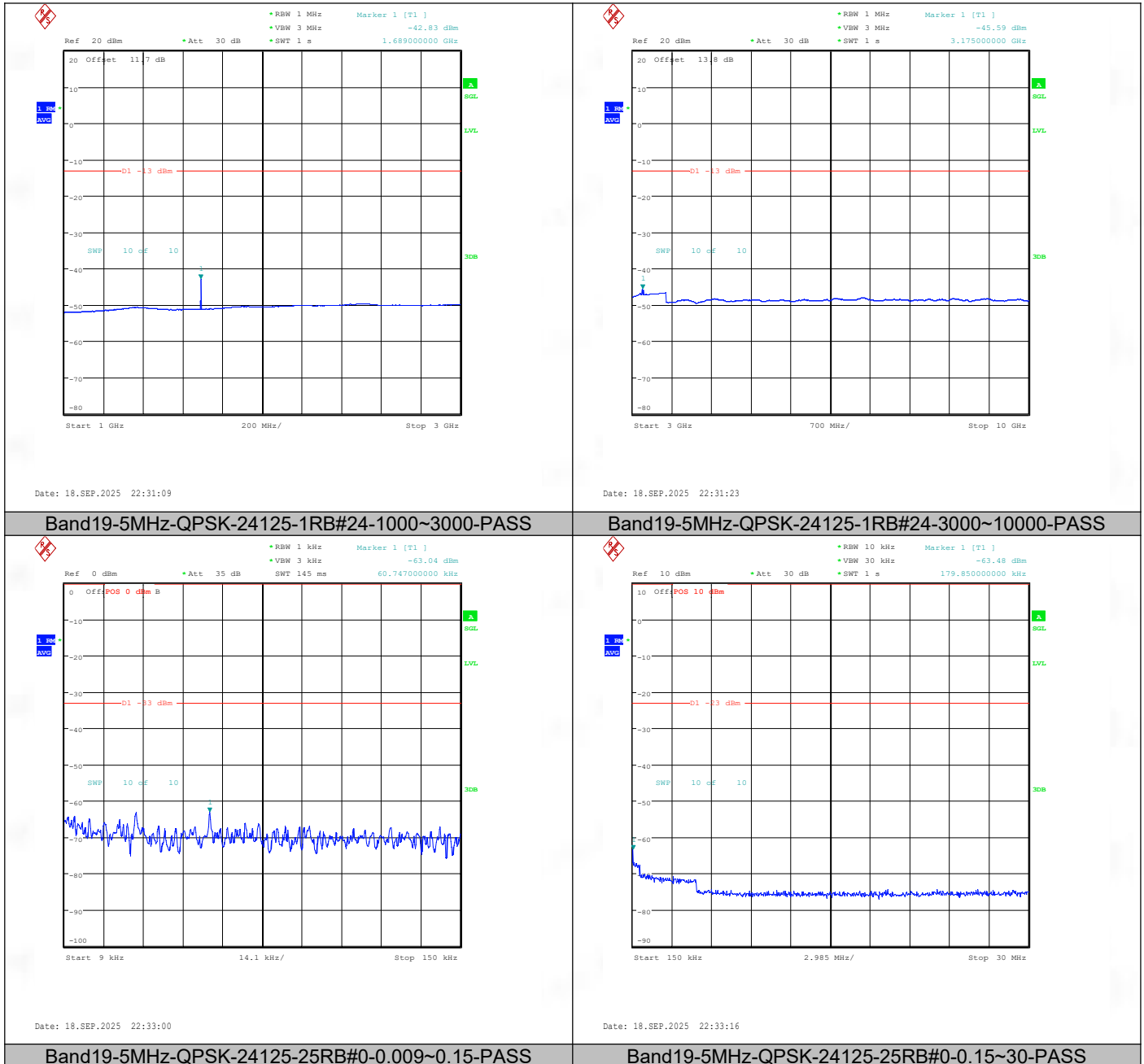
Band19-5MHz-QPSK-24125-1RB#0-30~1000-PASS

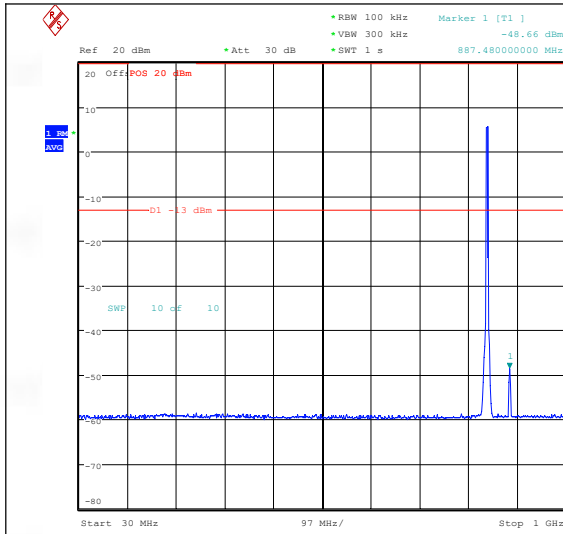


Date: 18.SEP.2025 22:28:21

Band19-5MHz-QPSK-24125-1RB#0-1000~3000-PASS

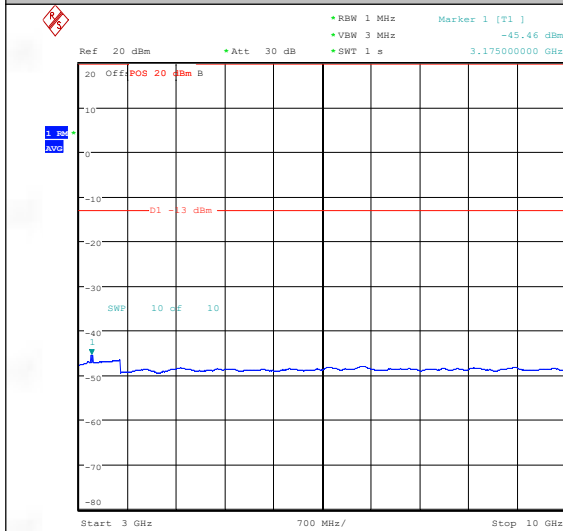






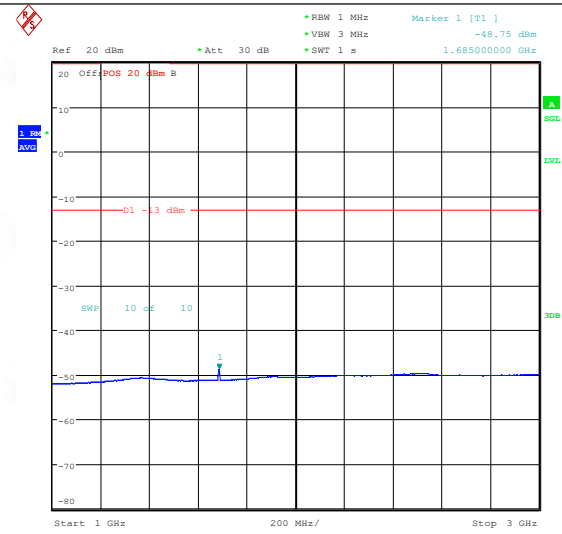
Date: 18.SEP.2025 22:33:30

Band19-5MHz-QPSK-24125-25RB#0-30~1000-PASS



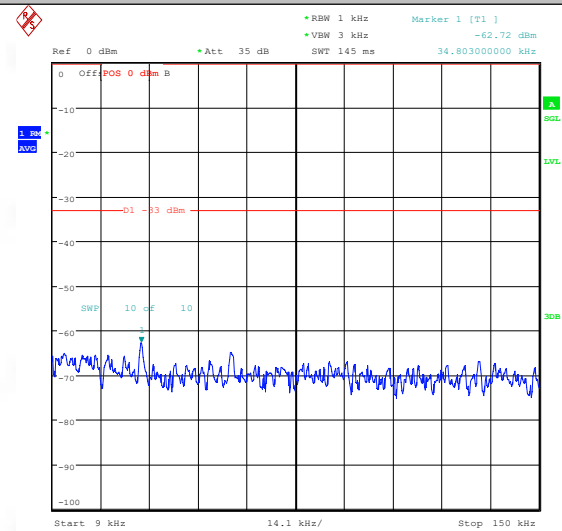
Date: 18.SEP.2025 22:33:58

Band19-5MHz-QPSK-24125-25RB#0-3000~10000-PASS



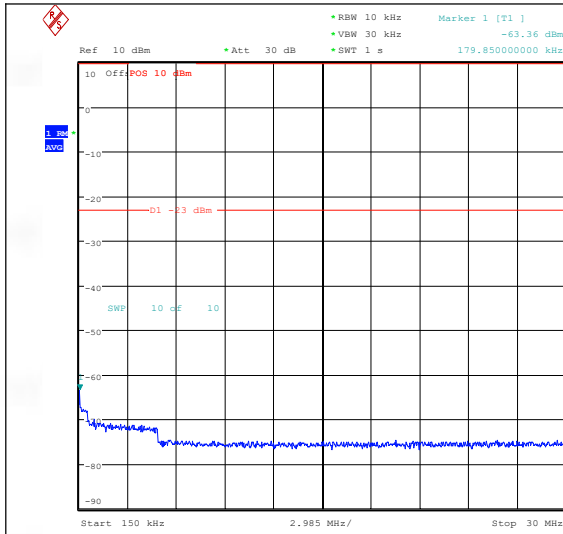
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Band19-5MHz-QPSK-24125-25RB#0-1000~3000-PASS



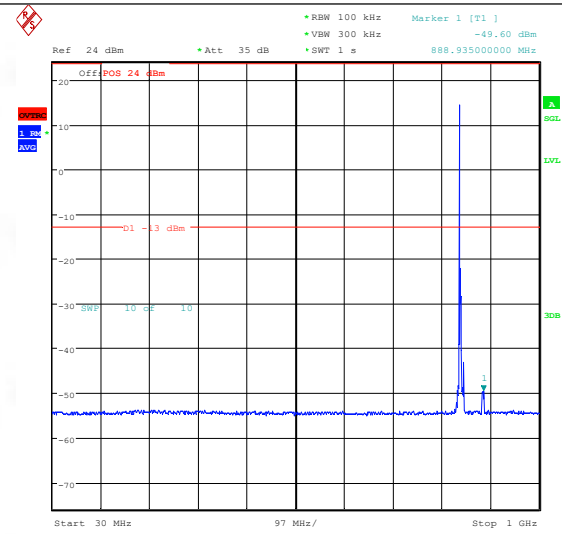
Date: 18.SEP.2025 22:28:47

Band19-5MHz-16QAM-24125-1RB#0-0.009~0.15-PASS



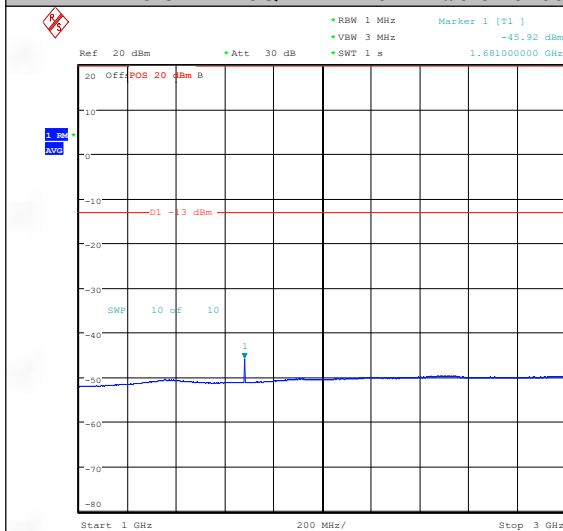
Date: 18.SEP.2025 22:29:03

Band19-5MHz-16QAM-24125-1RB#0-0.15~30-PASS



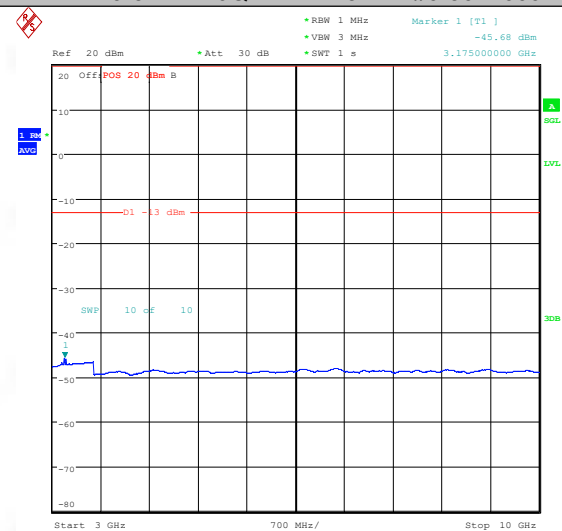
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Band19-5MHz-16QAM-24125-1RB#0-30~1000-PASS



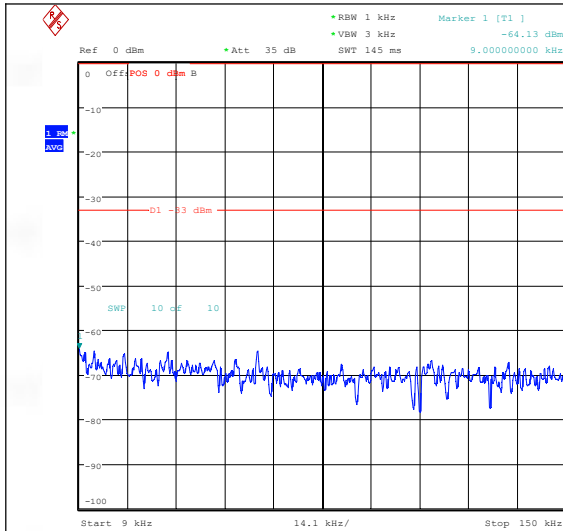
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Band19-5MHz-16QAM-24125-1RB#0-1000~3000-PASS



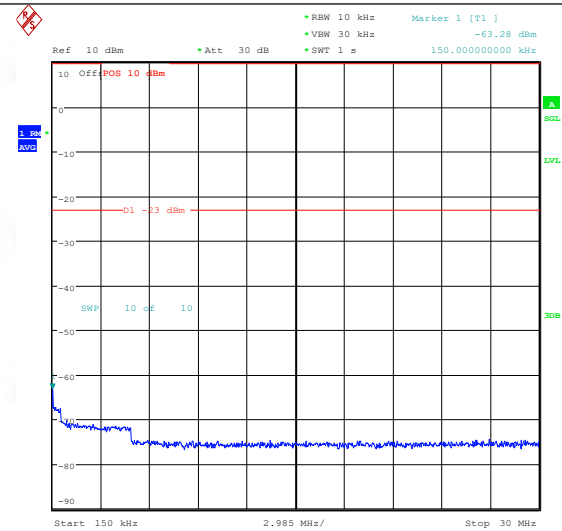
Date: 18.SEP.2025 22:29:58

Band19-5MHz-16QAM-24125-1RB#0-3000~10000-PASS



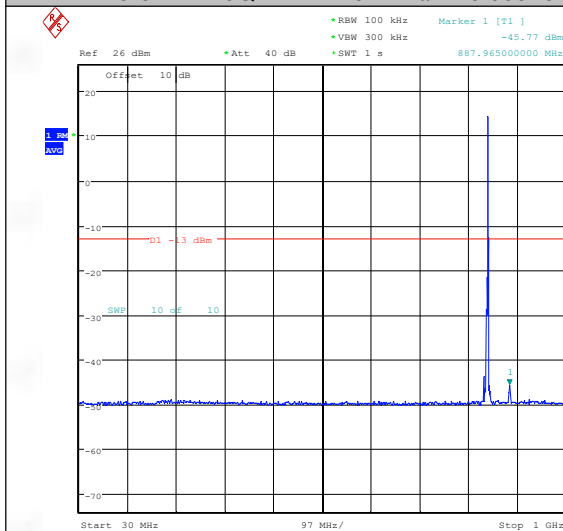
Date: 18.SEP.2025 22:31:35

Band19-5MHz-16QAM-24125-1RB#24-0.009~0.15-PASS



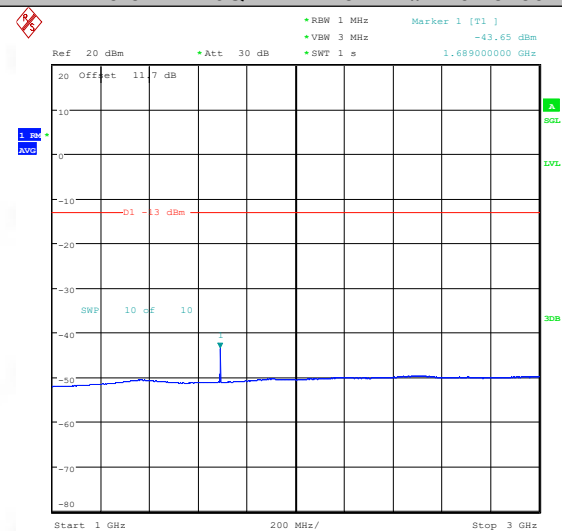
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Band19-5MHz-16QAM-24125-1RB#24-0.15~30-PASS



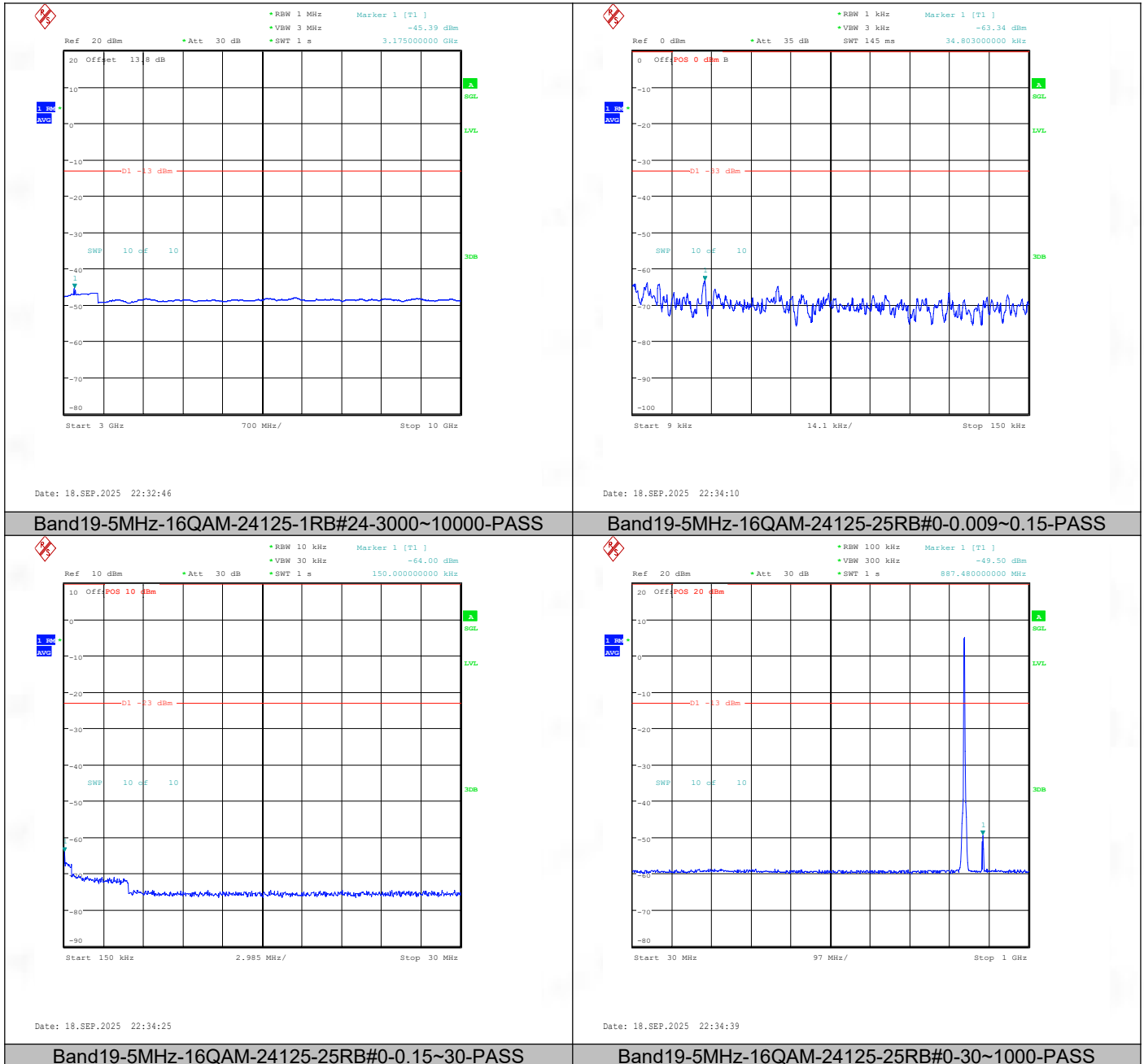
Date: 18.SEP.2025 22:32:18

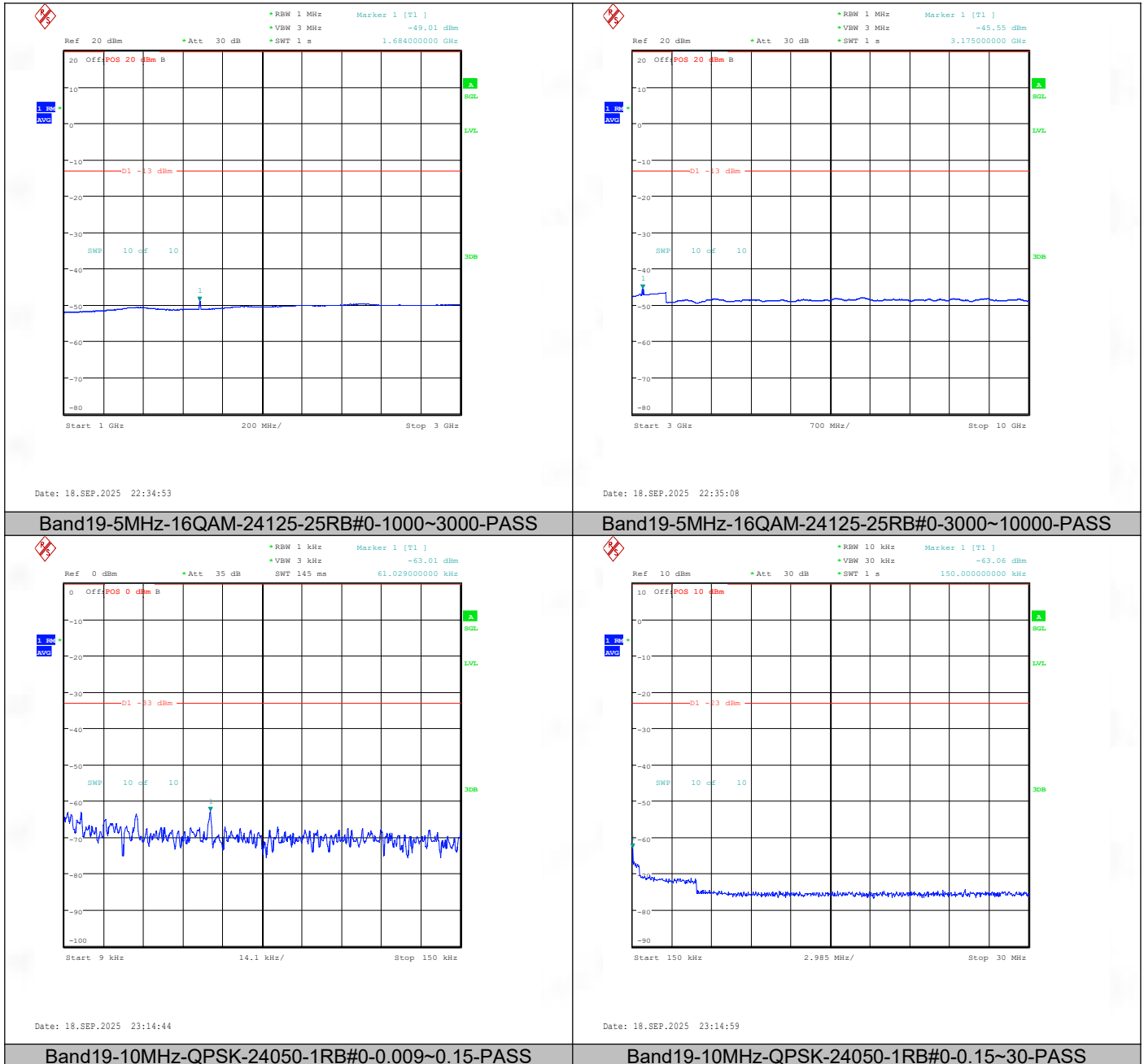
Band19-5MHz-16QAM-24125-1RB#24-30~1000-PASS

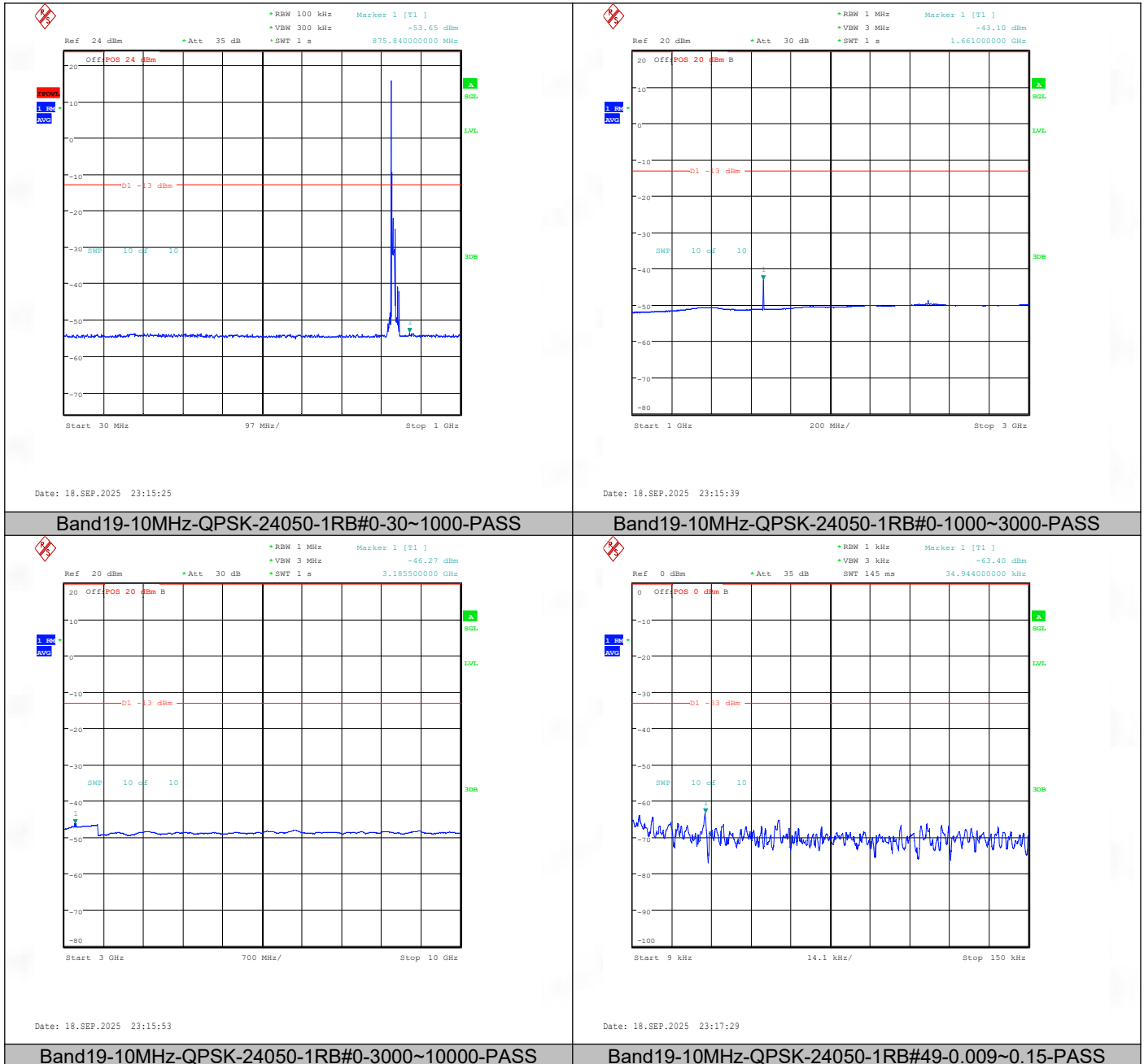


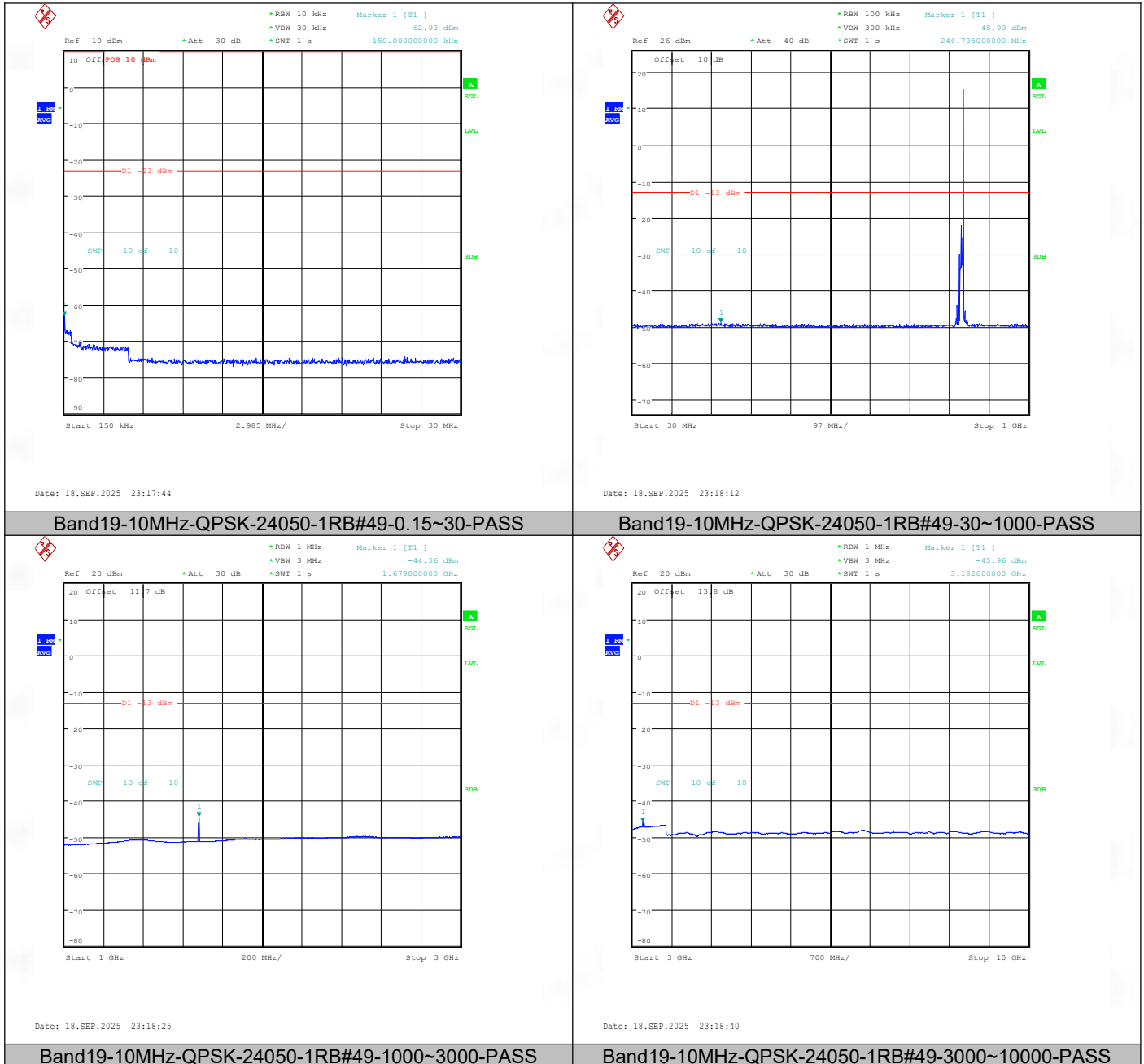
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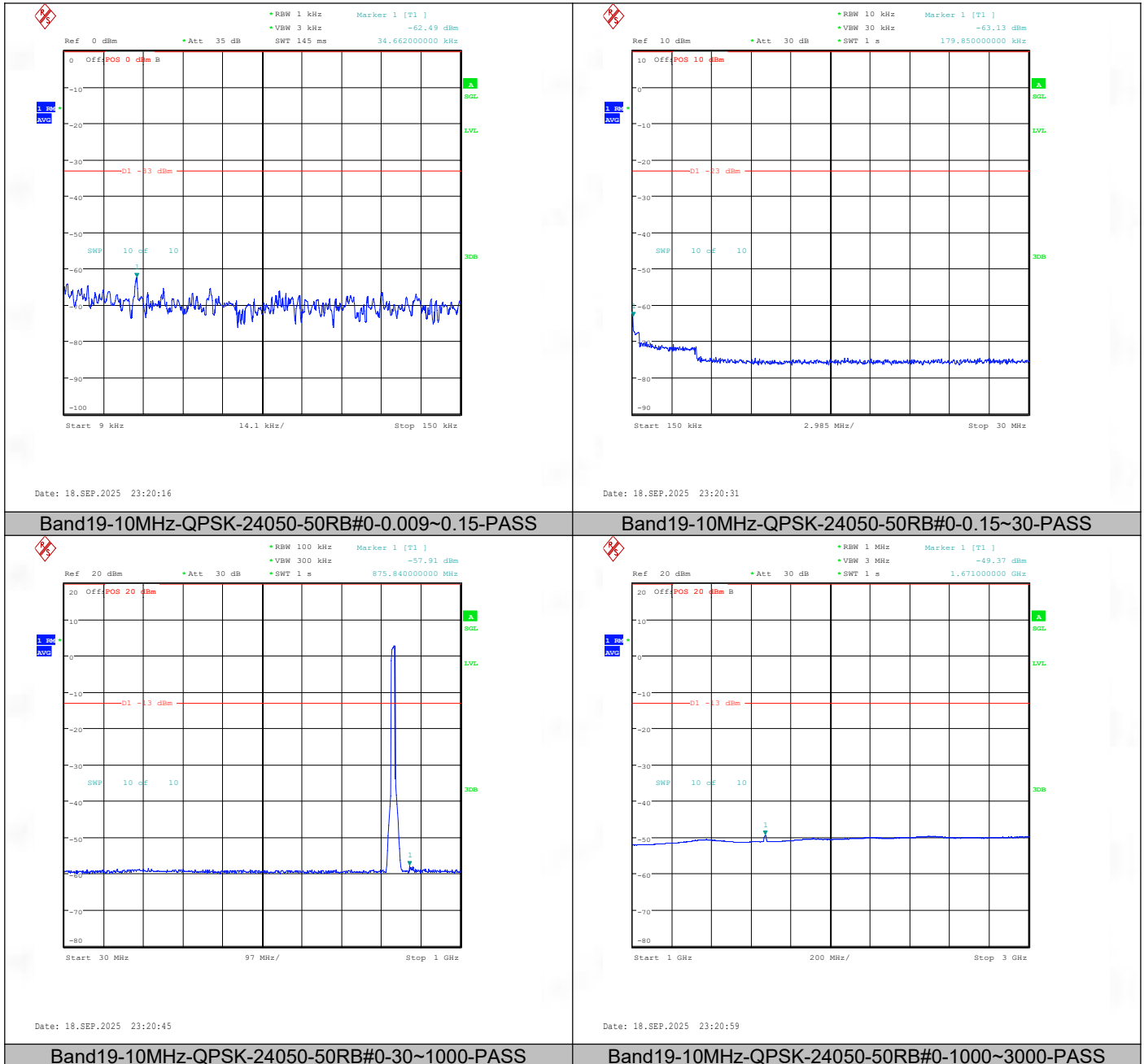
Band19-5MHz-16QAM-24125-1RB#24-1000~3000-PASS

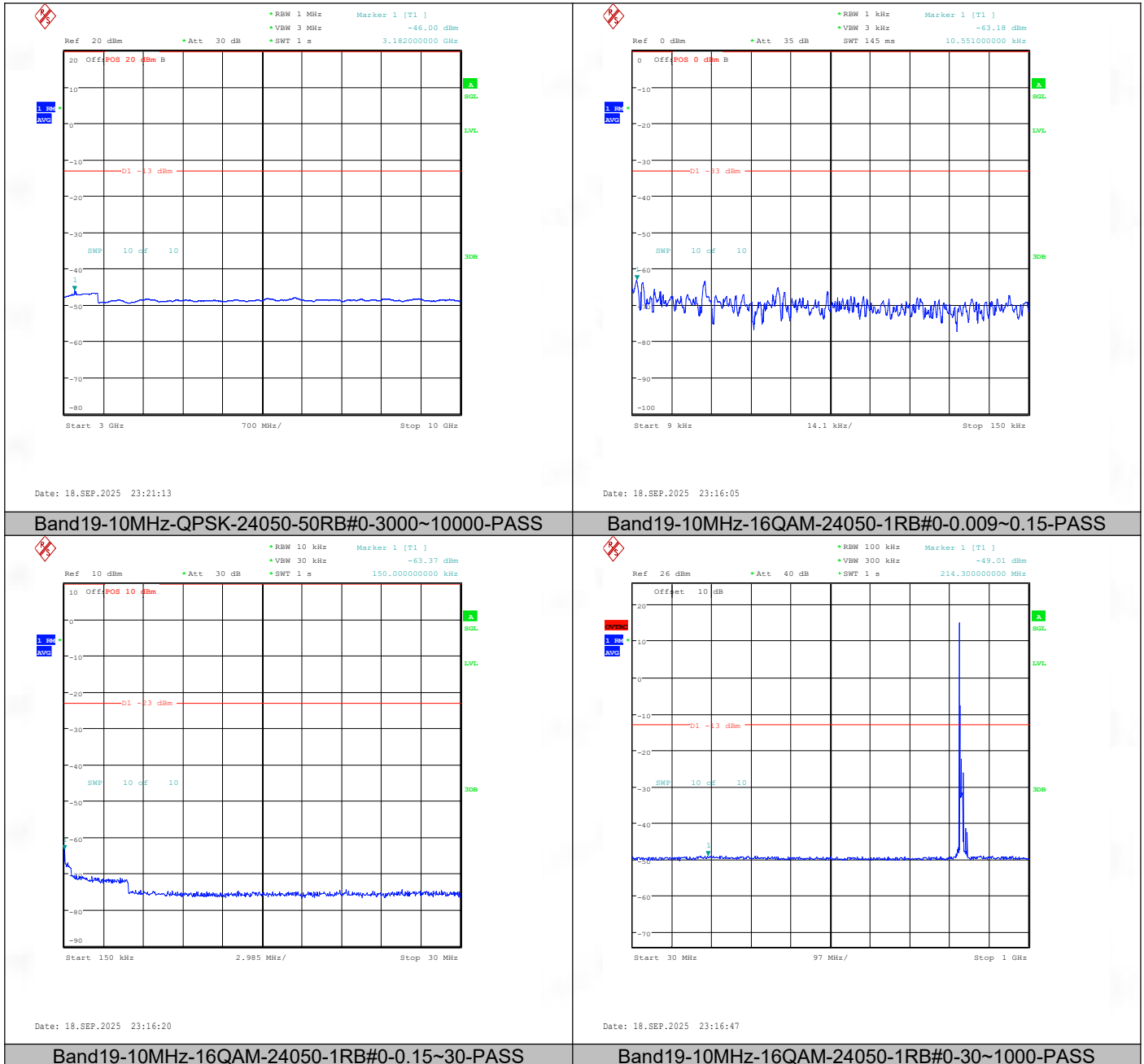


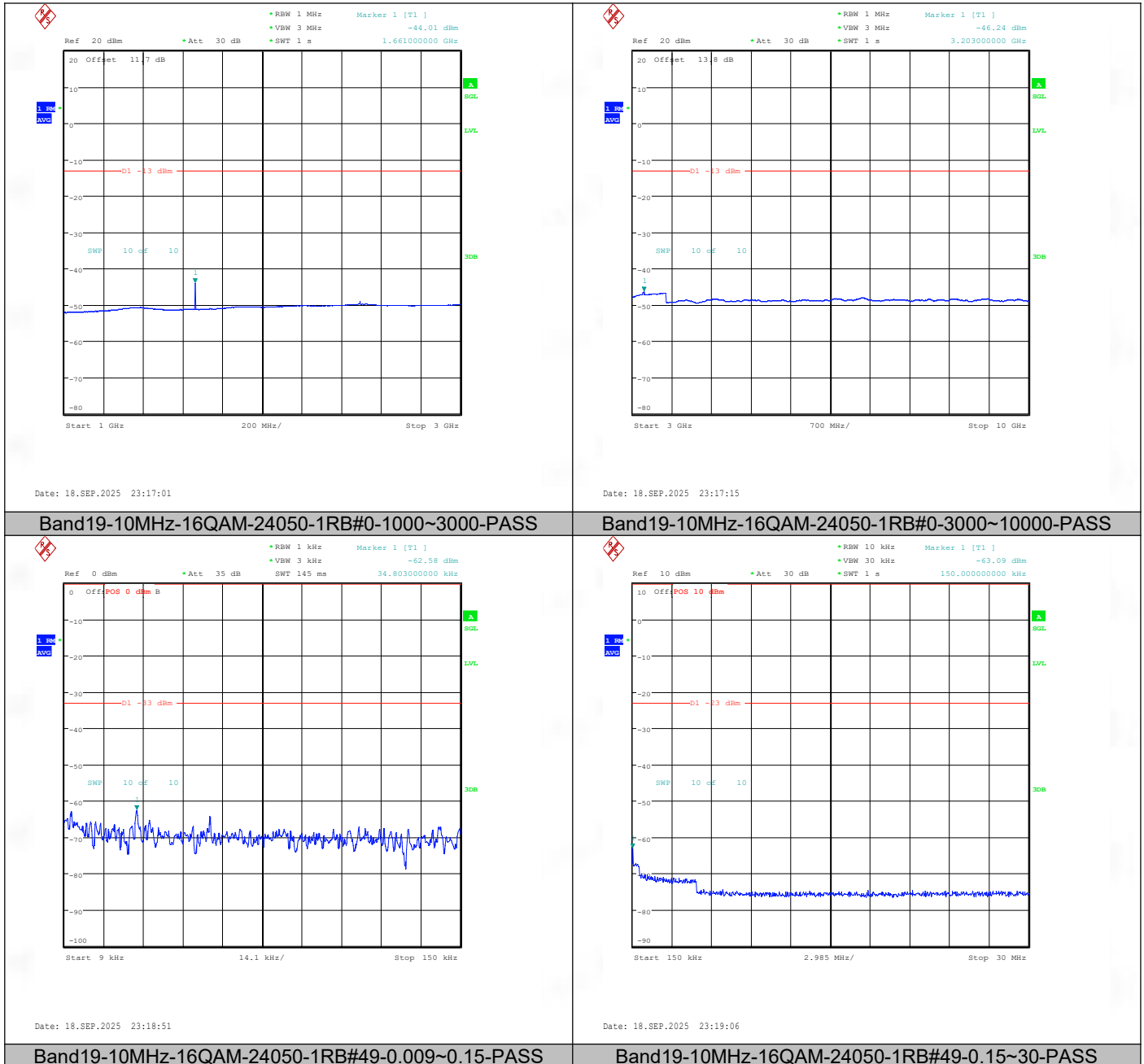


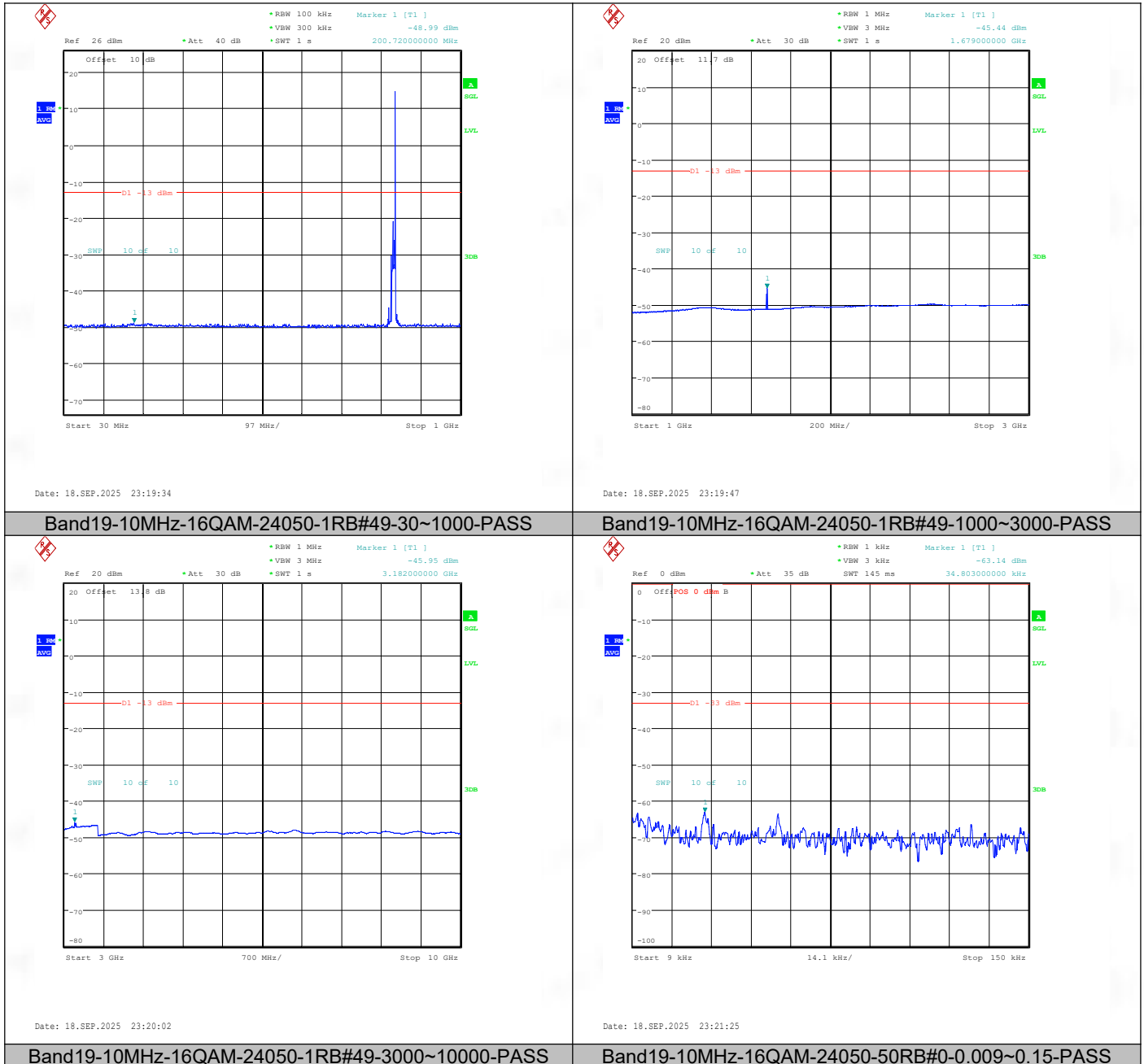


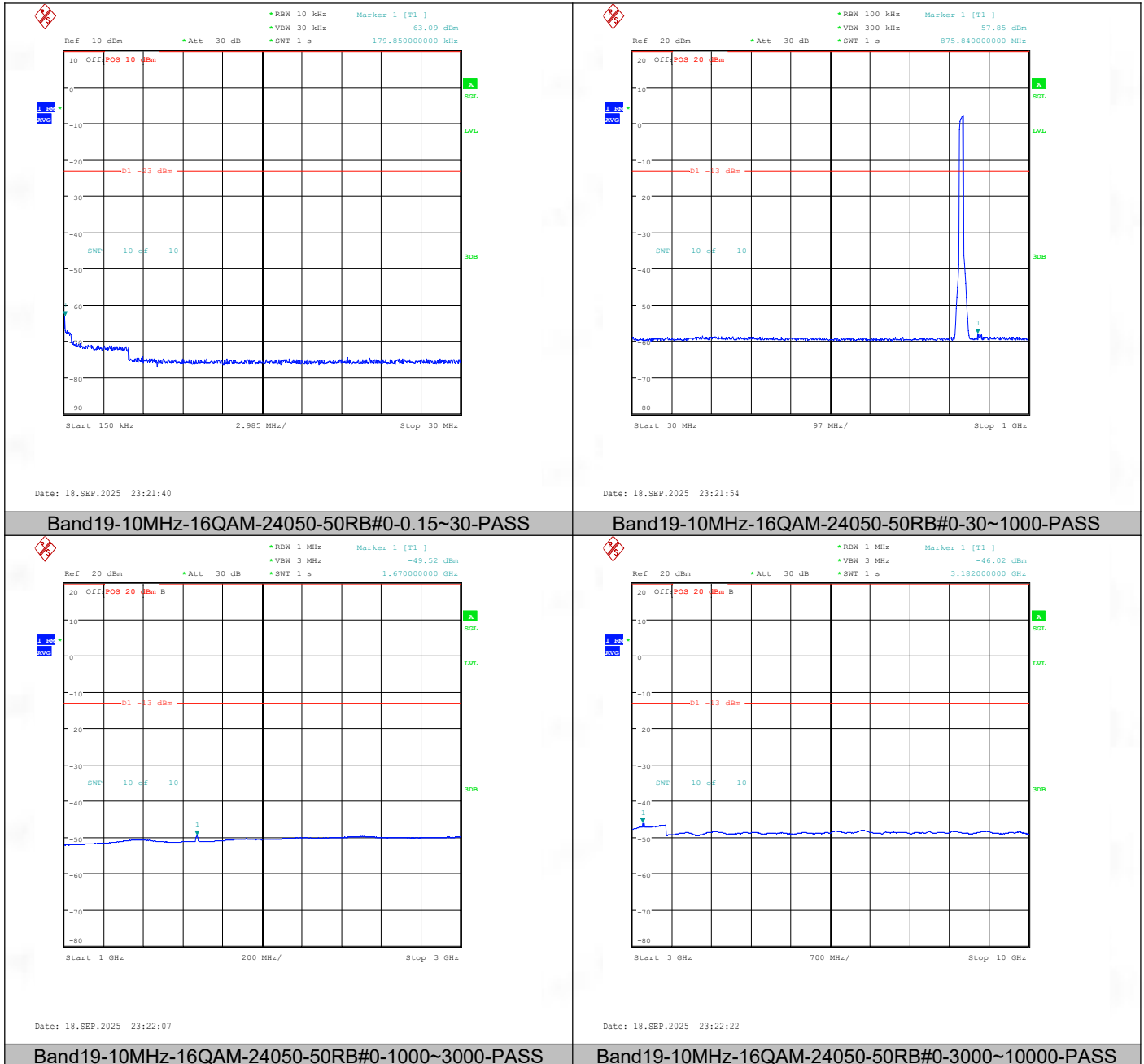


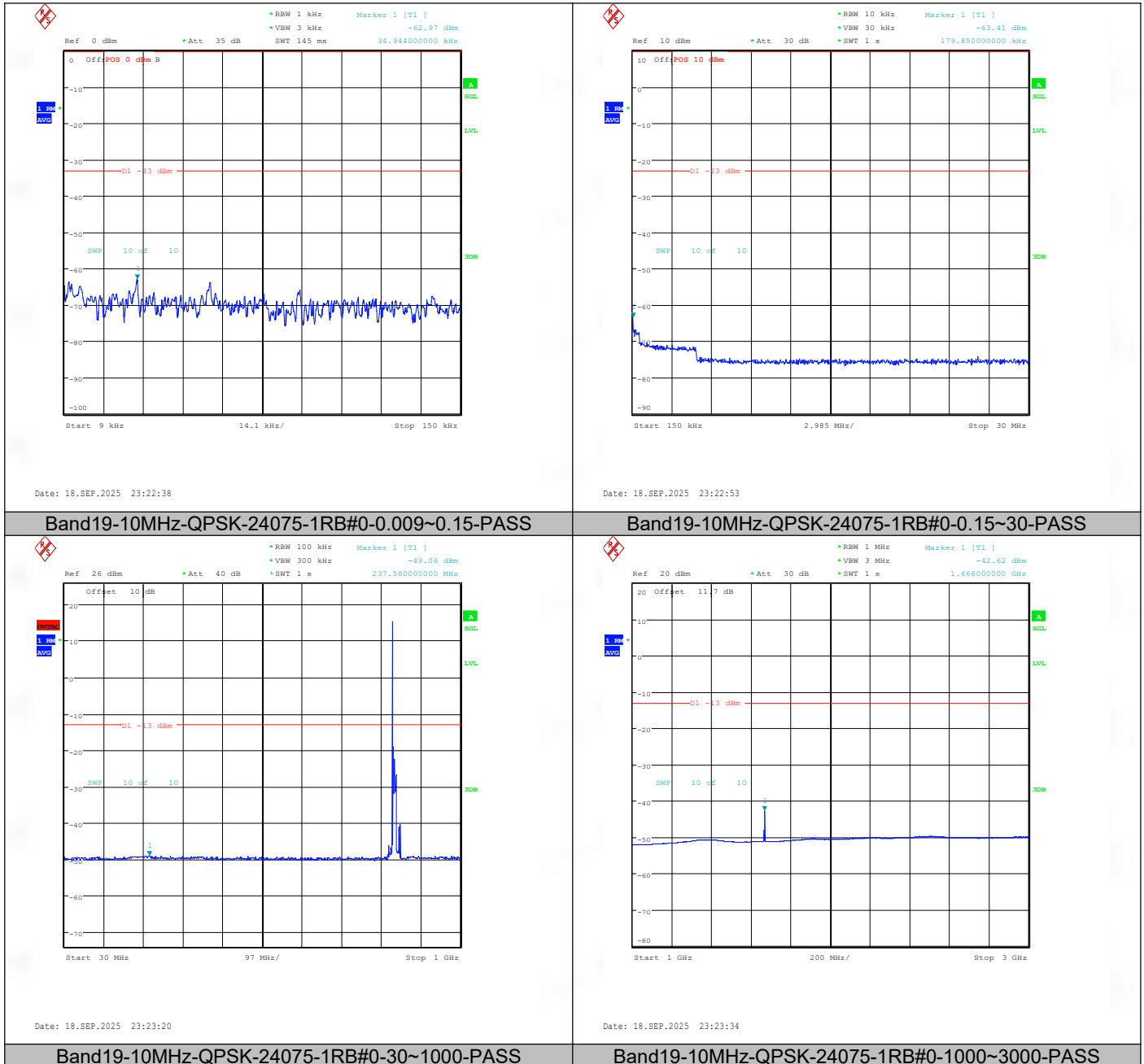


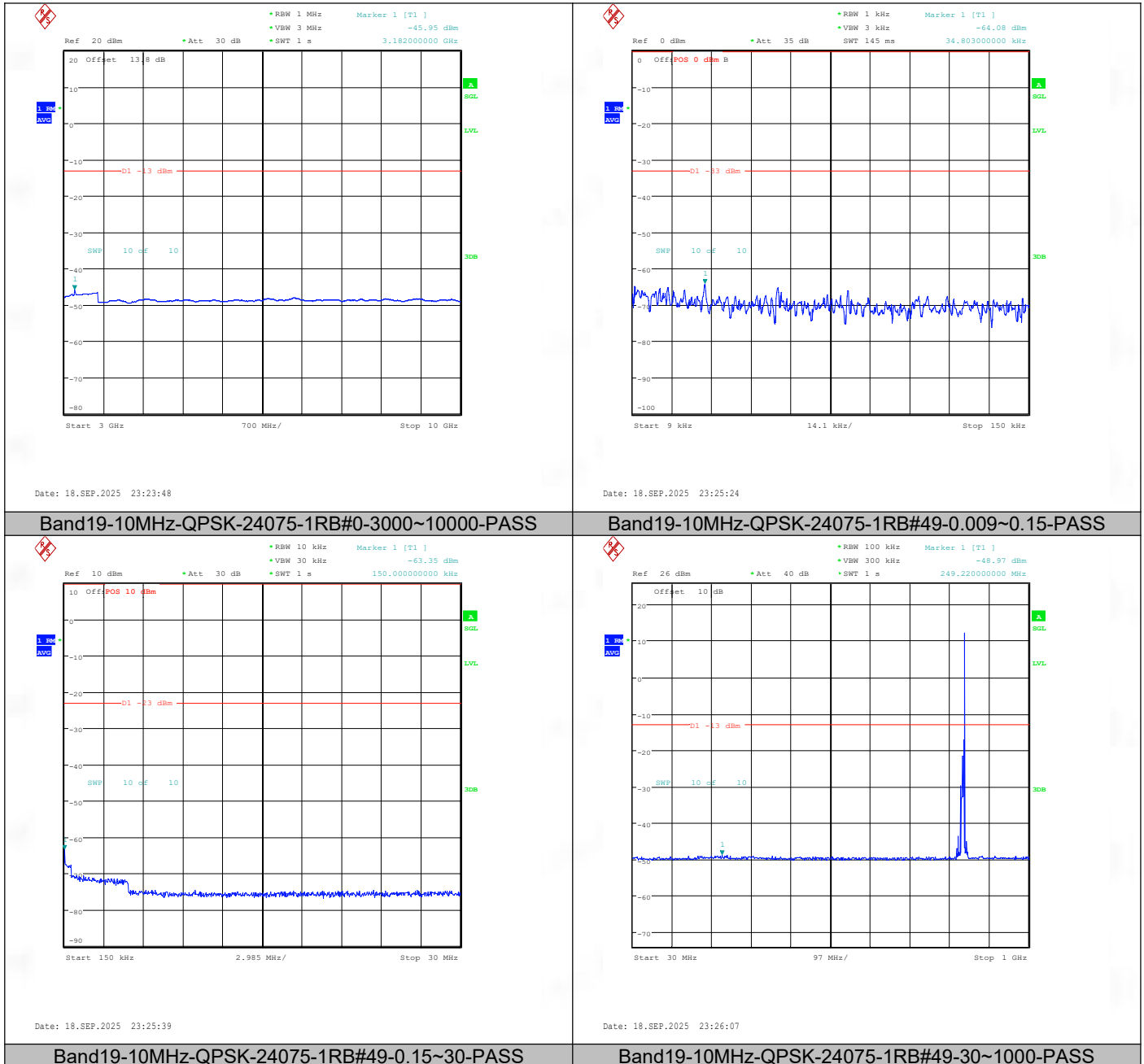


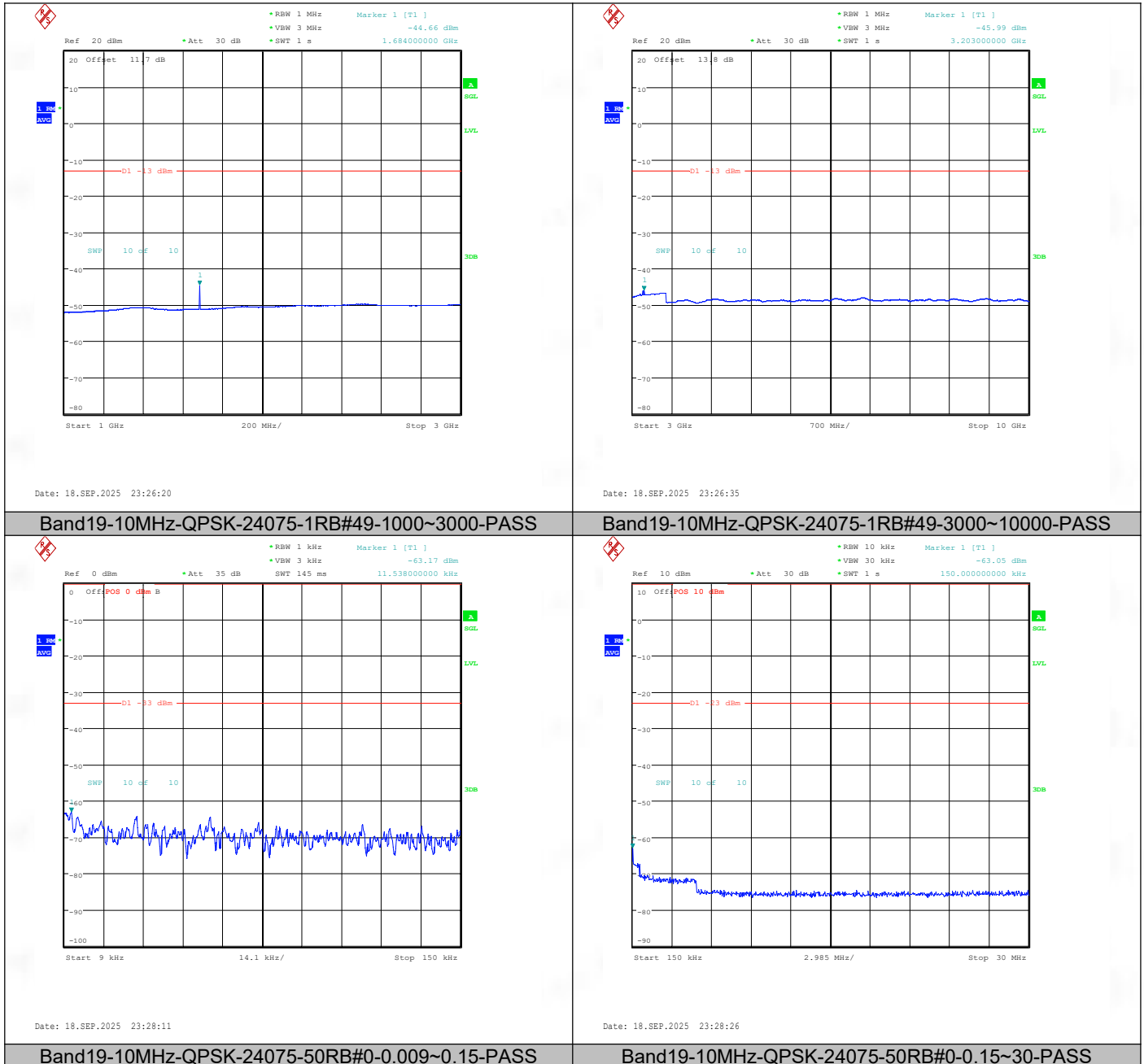


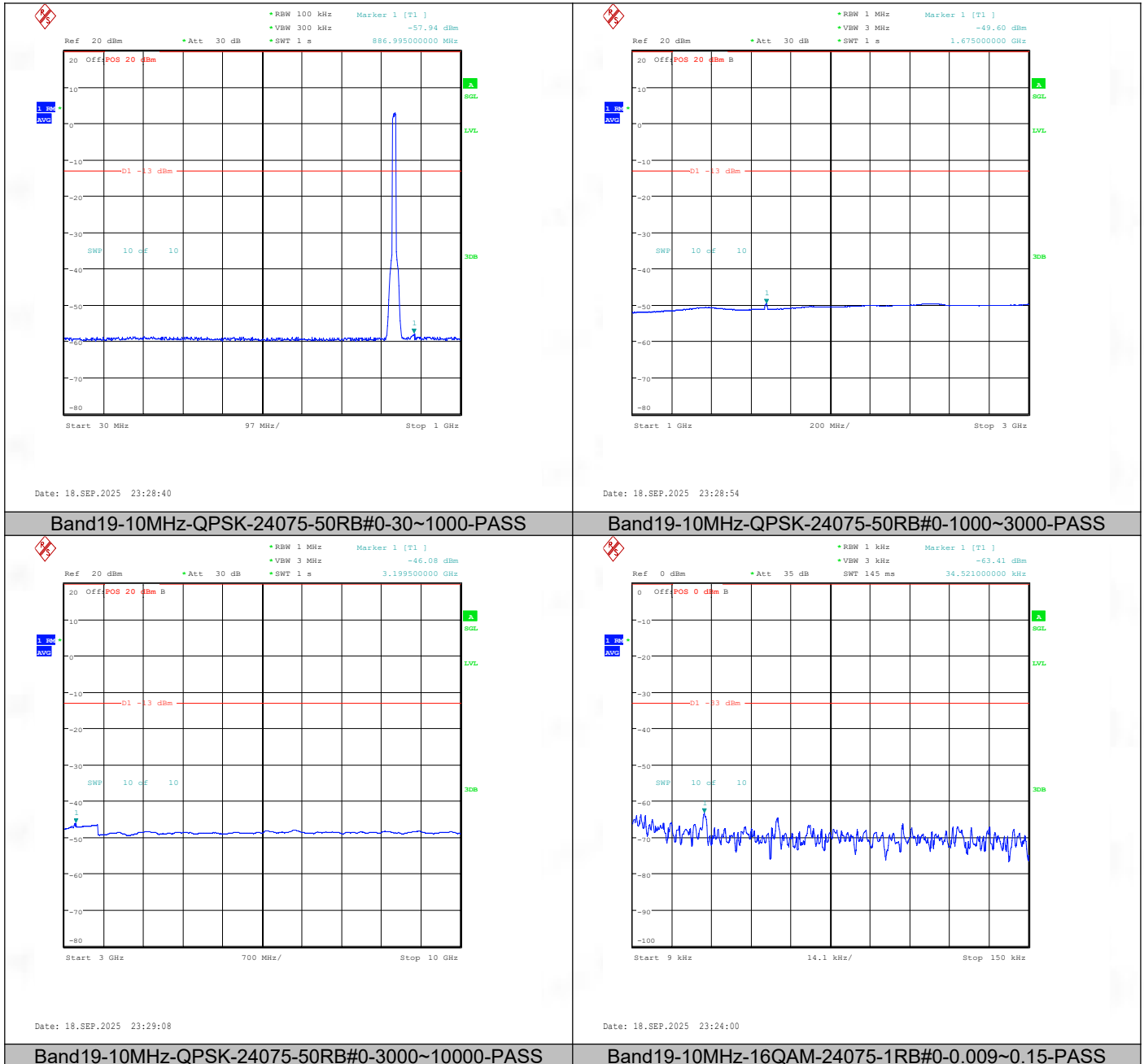


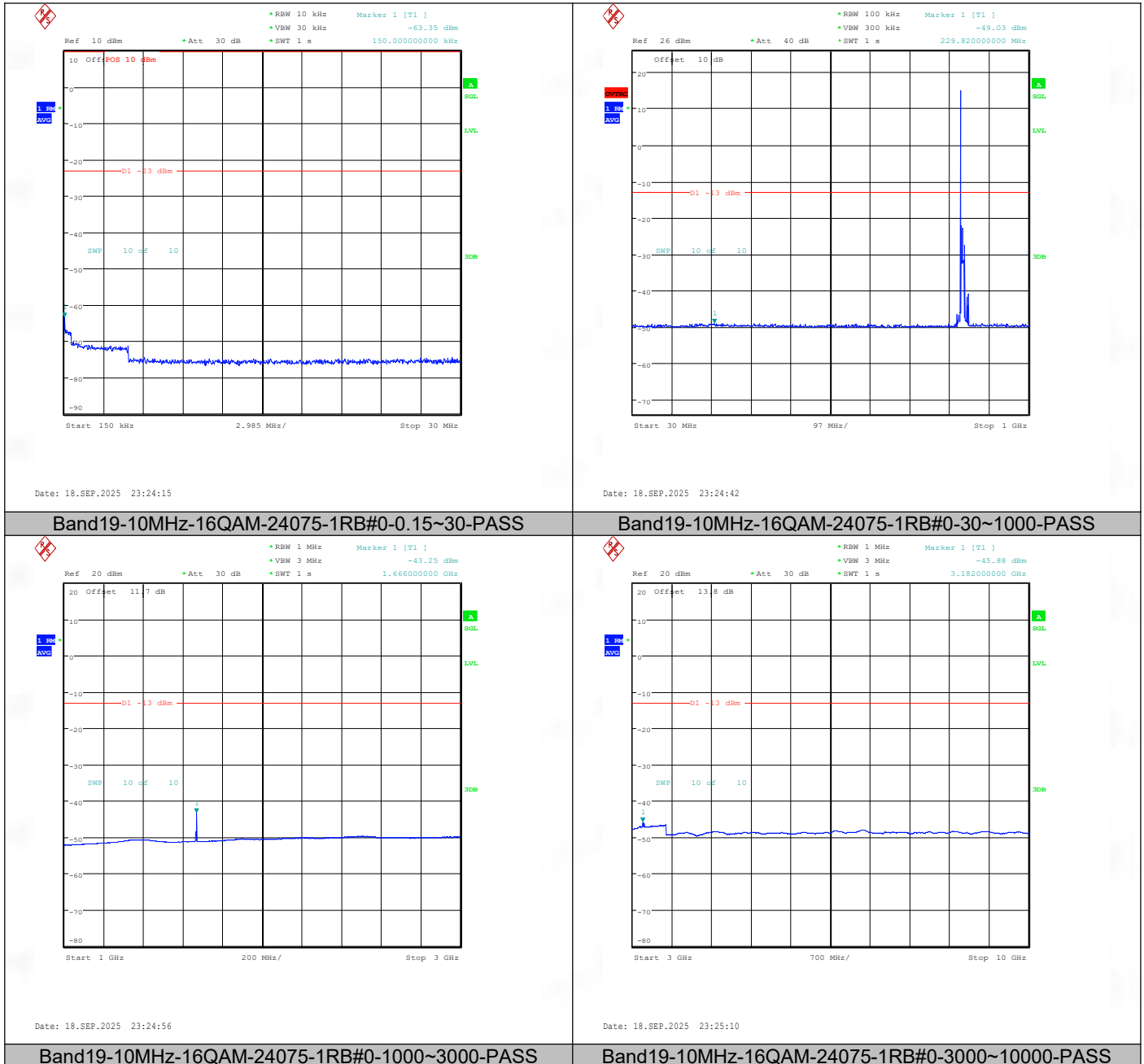


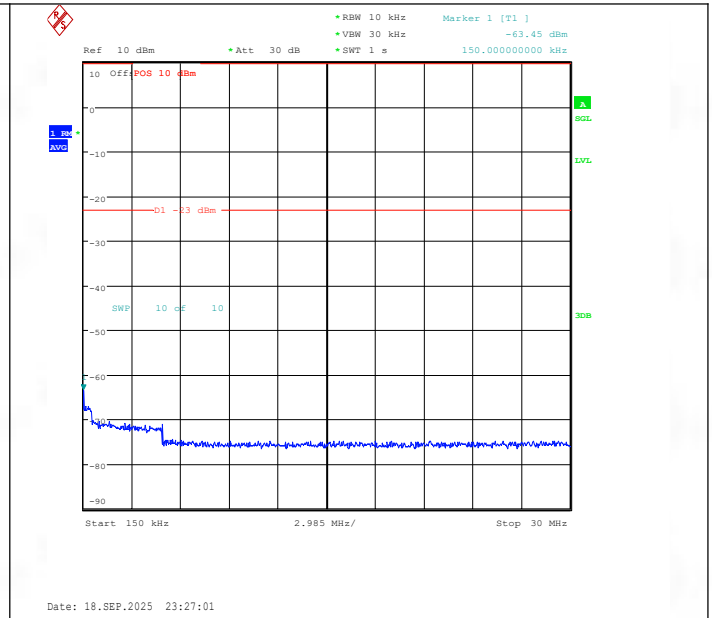
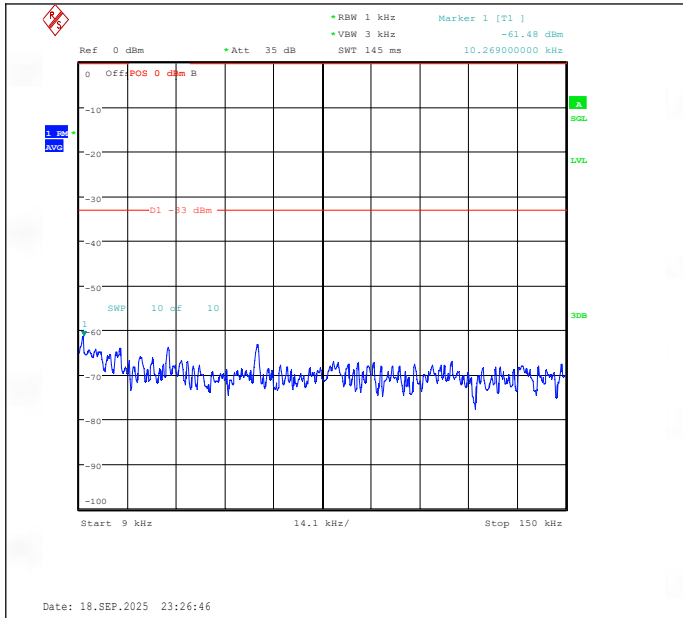






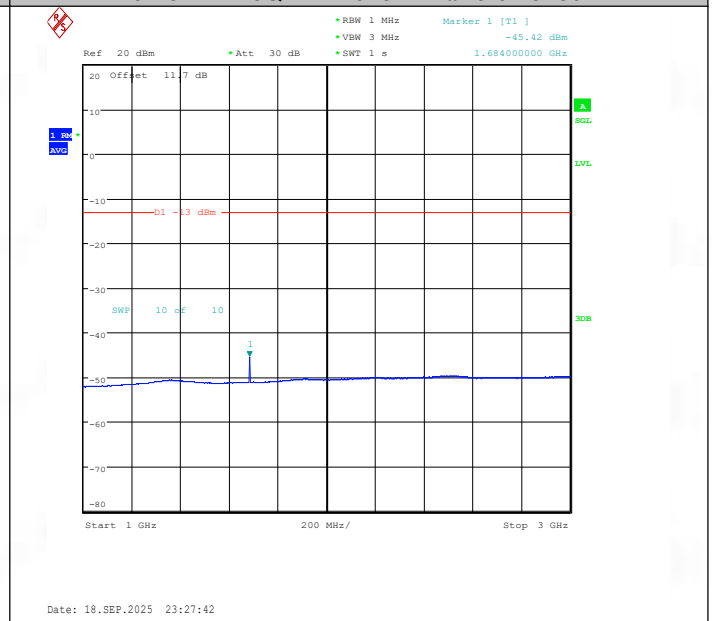
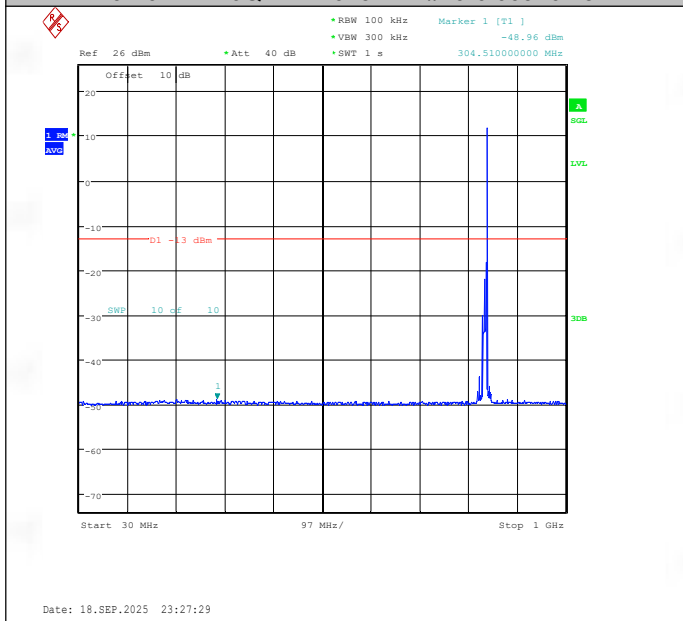






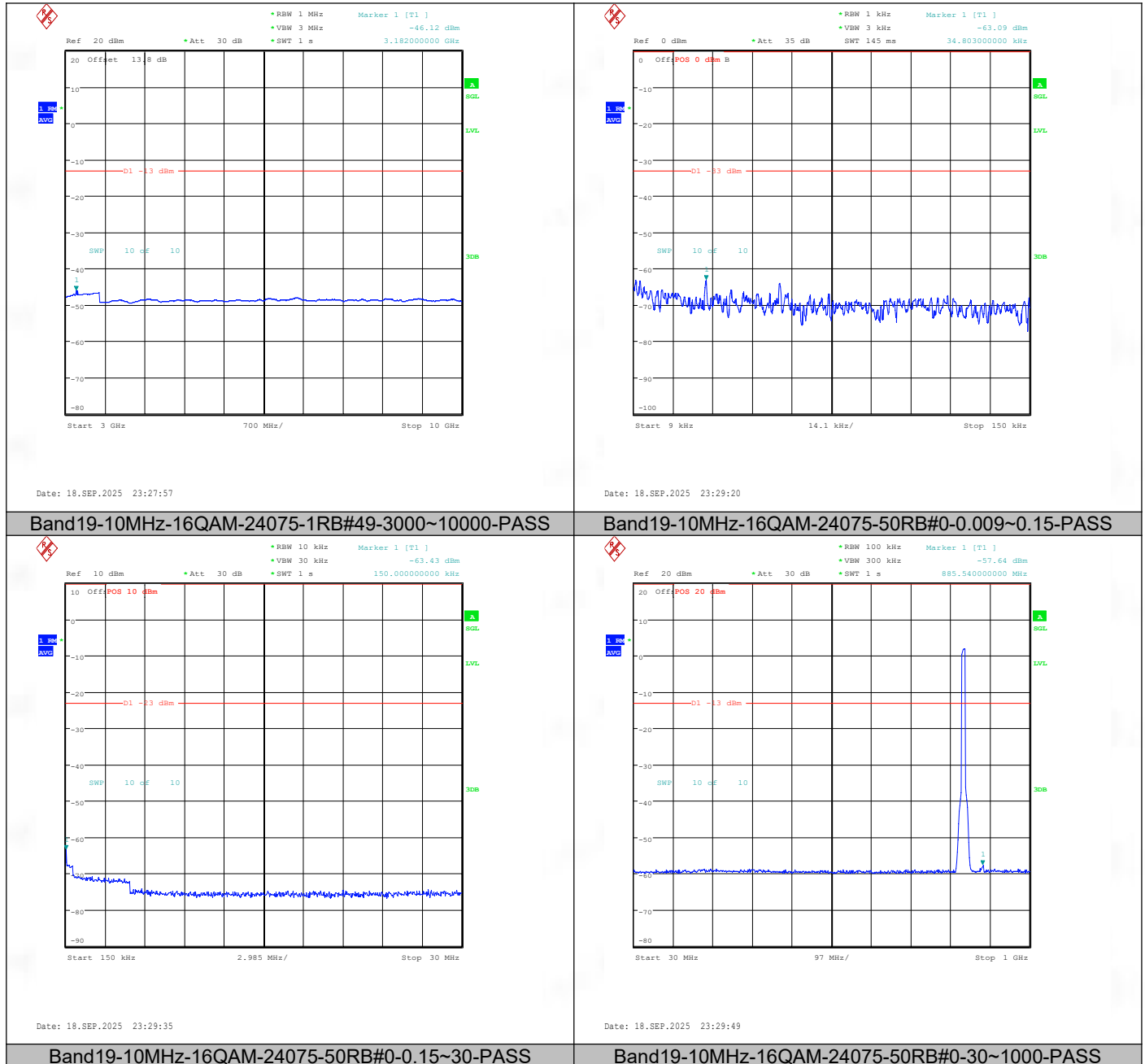
Band19-10MHz-16QAM-24075-1RB#49-0.009~0.15-PASS

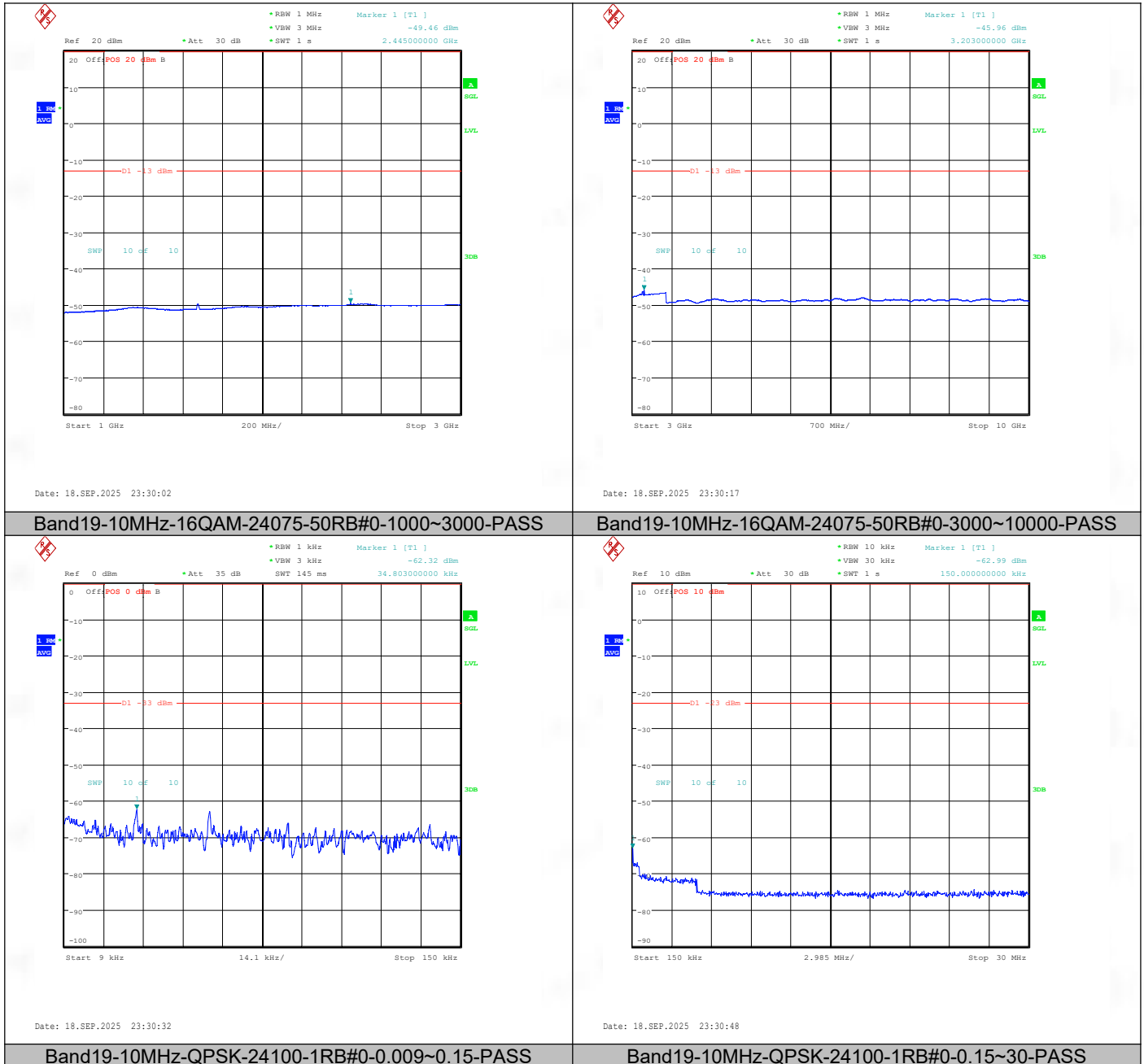
Band19-10MHz-16QAM-24075-1RB#49-0.15~30-PASS

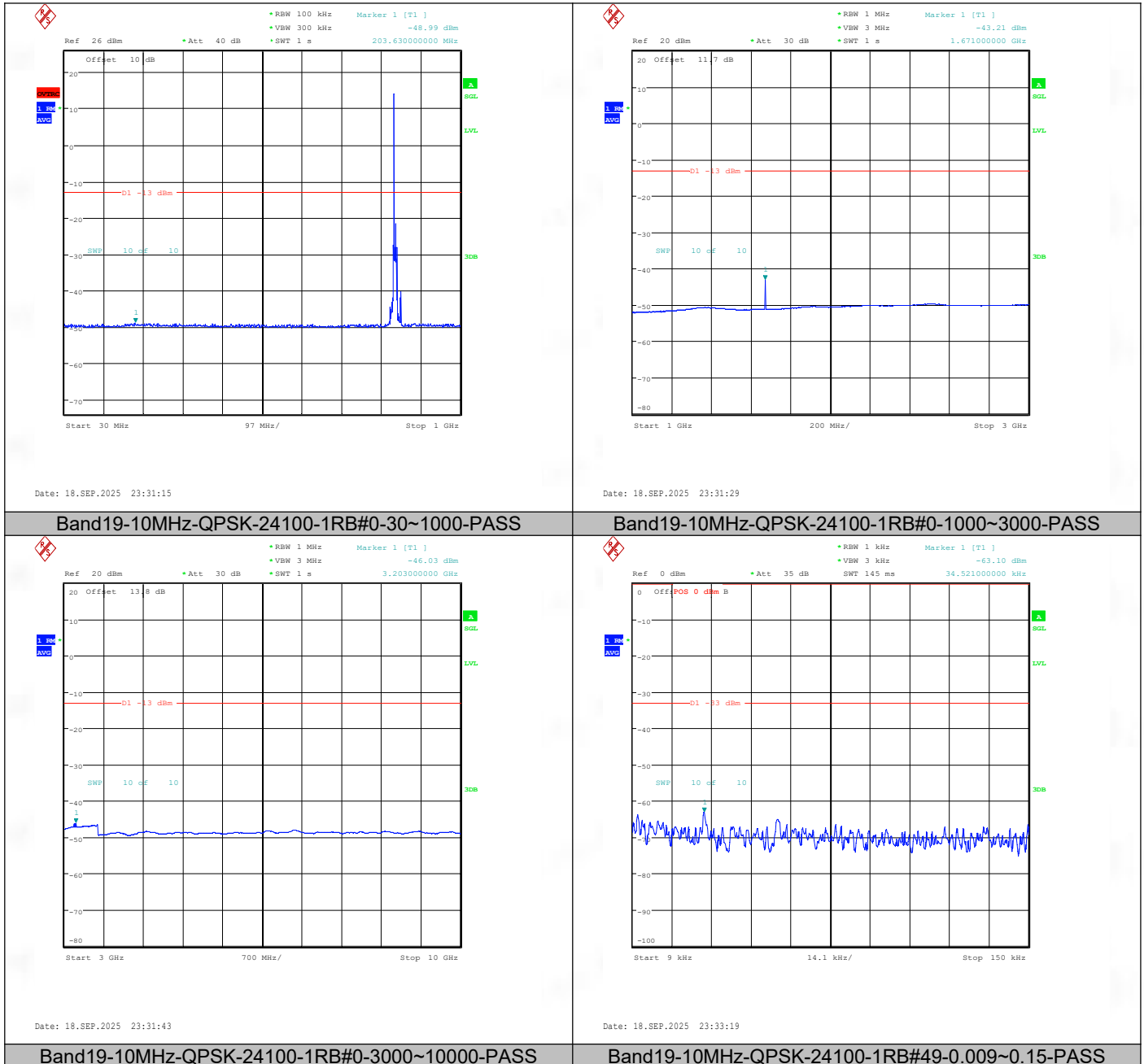


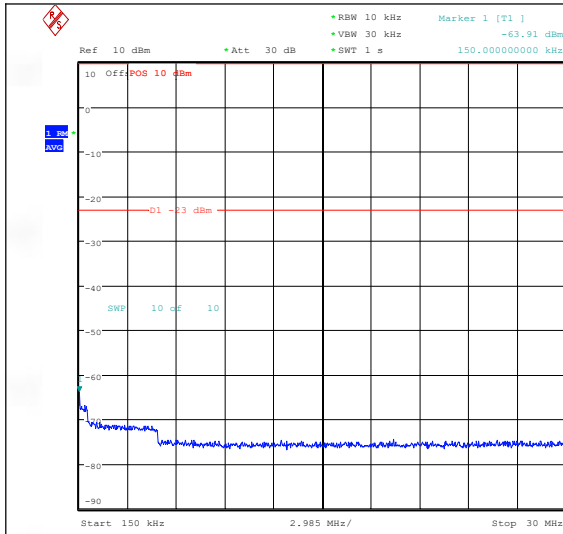
Band19-10MHz-16QAM-24075-1RB#49-30~1000-PASS

Band19-10MHz-16QAM-24075-1RB#49-1000~3000-PASS



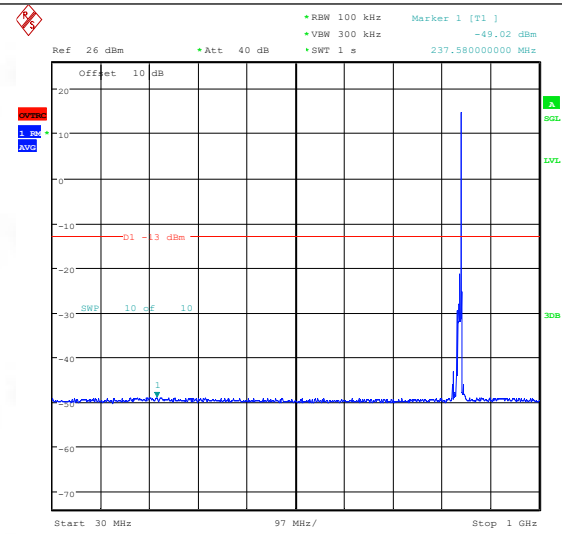






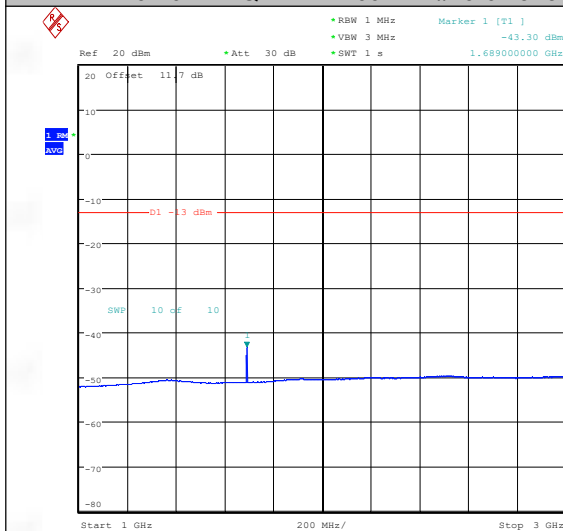
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Band19-10MHz-QPSK-24100-1RB#49-0.15~30-PASS



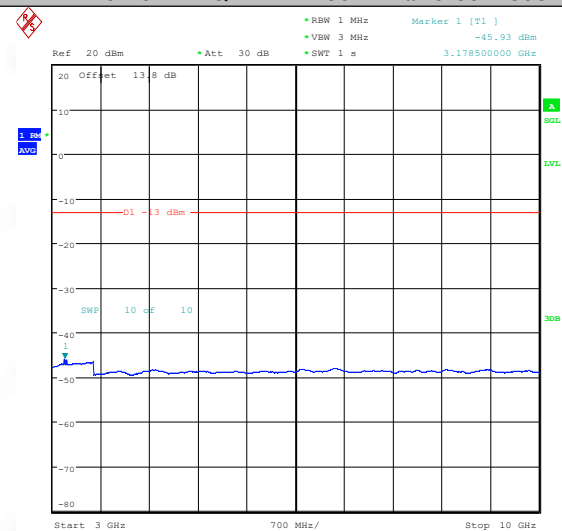
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Band19-10MHz-QPSK-24100-1RB#49-30~1000-PASS



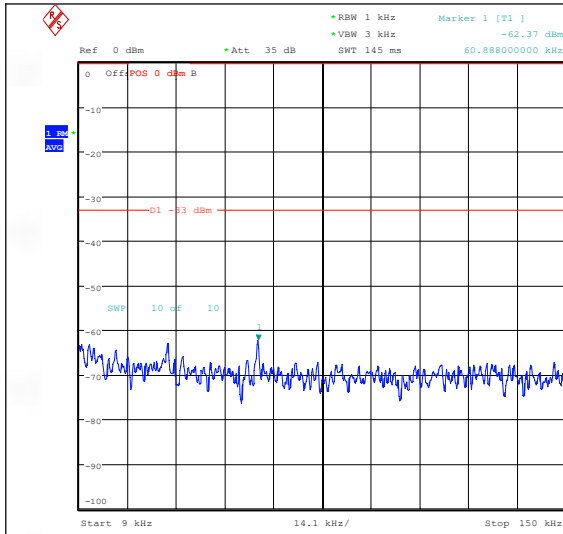
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Band19-10MHz-QPSK-24100-1RB#49-1000~3000-PASS



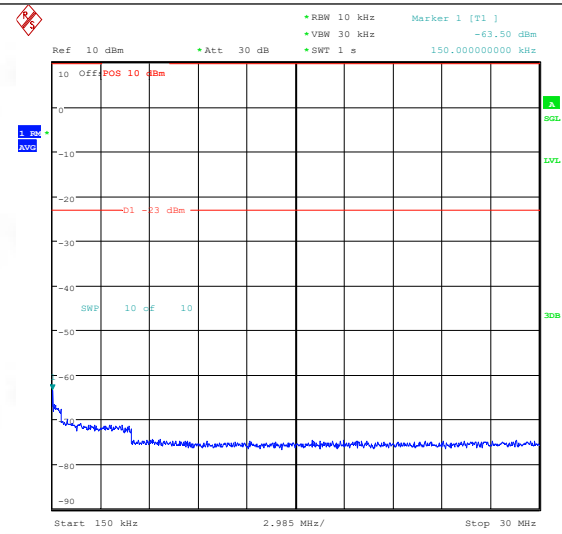
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Band19-10MHz-QPSK-24100-1RB#49-3000~10000-PASS



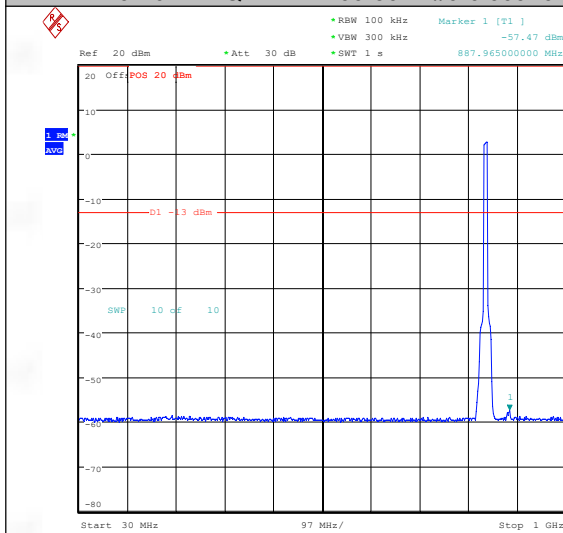
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Band19-10MHz-QPSK-24100-50RB#0-0.009~0.15-PASS



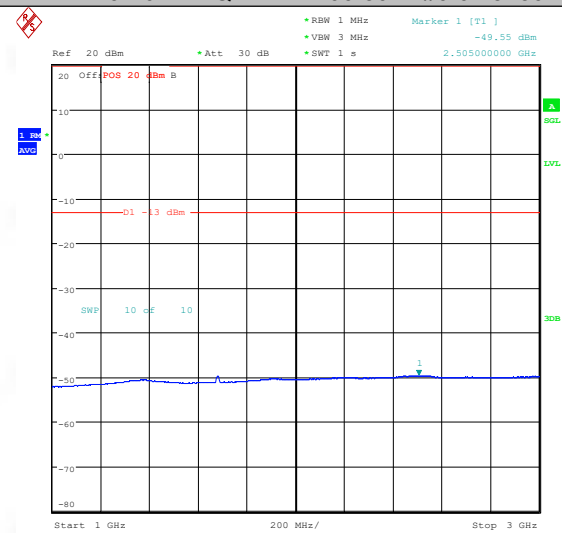
Date: 18.SEP.2025 23:36:20

Band19-10MHz-QPSK-24100-50RB#0-0.15~30-PASS



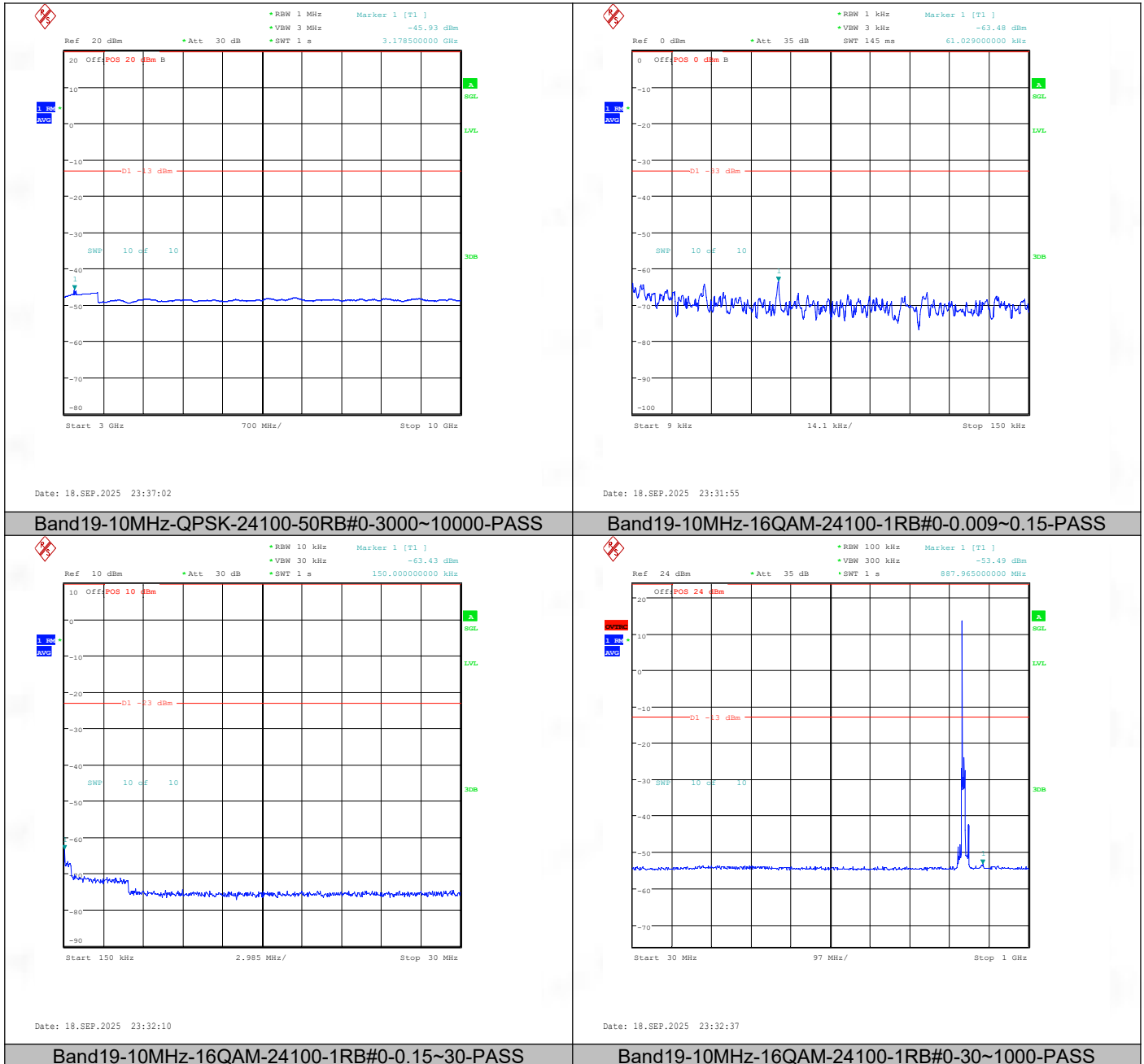
Date: 18.SEP.2025 23:36:34

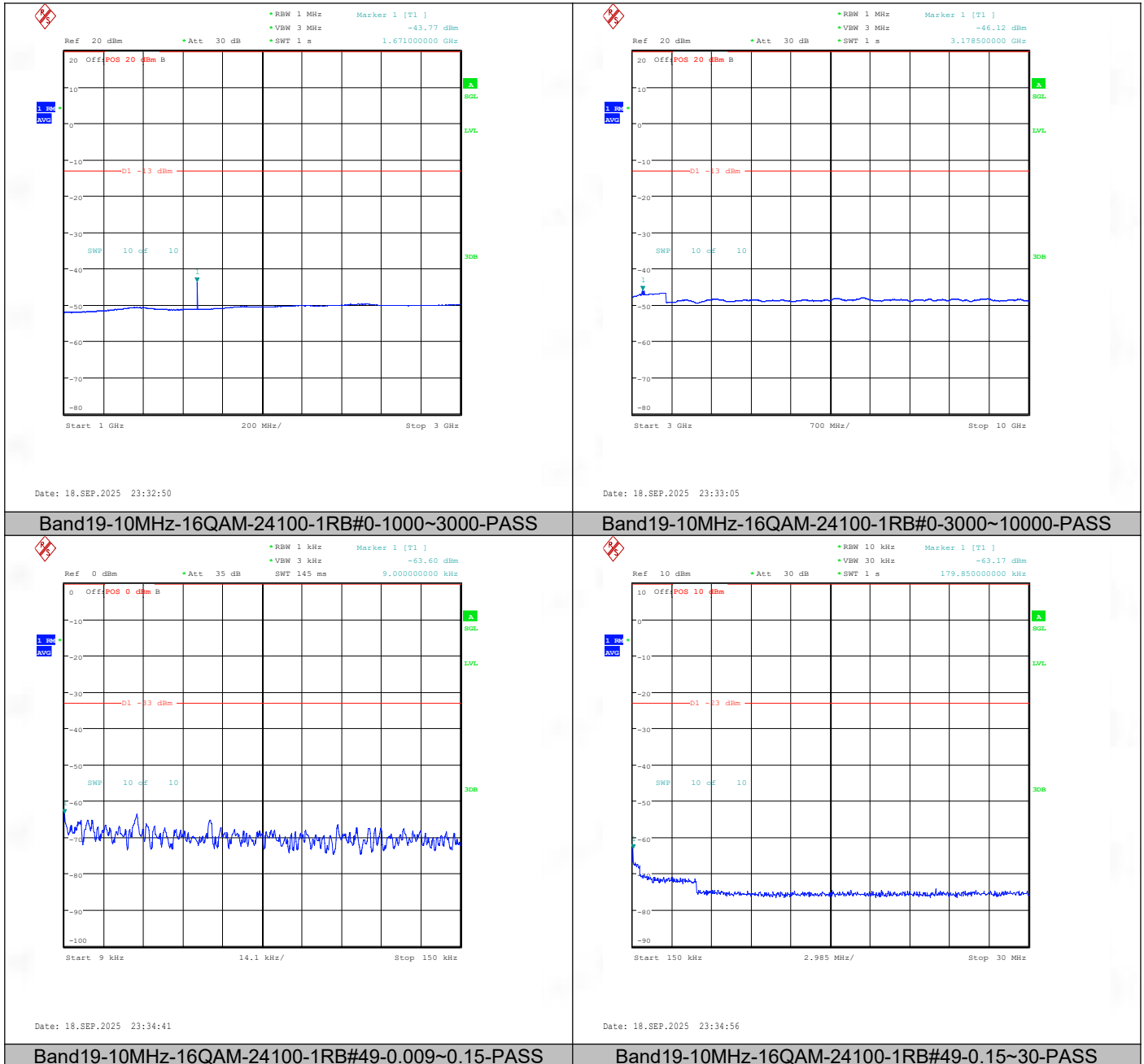
Band19-10MHz-QPSK-24100-50RB#0-30~1000-PASS

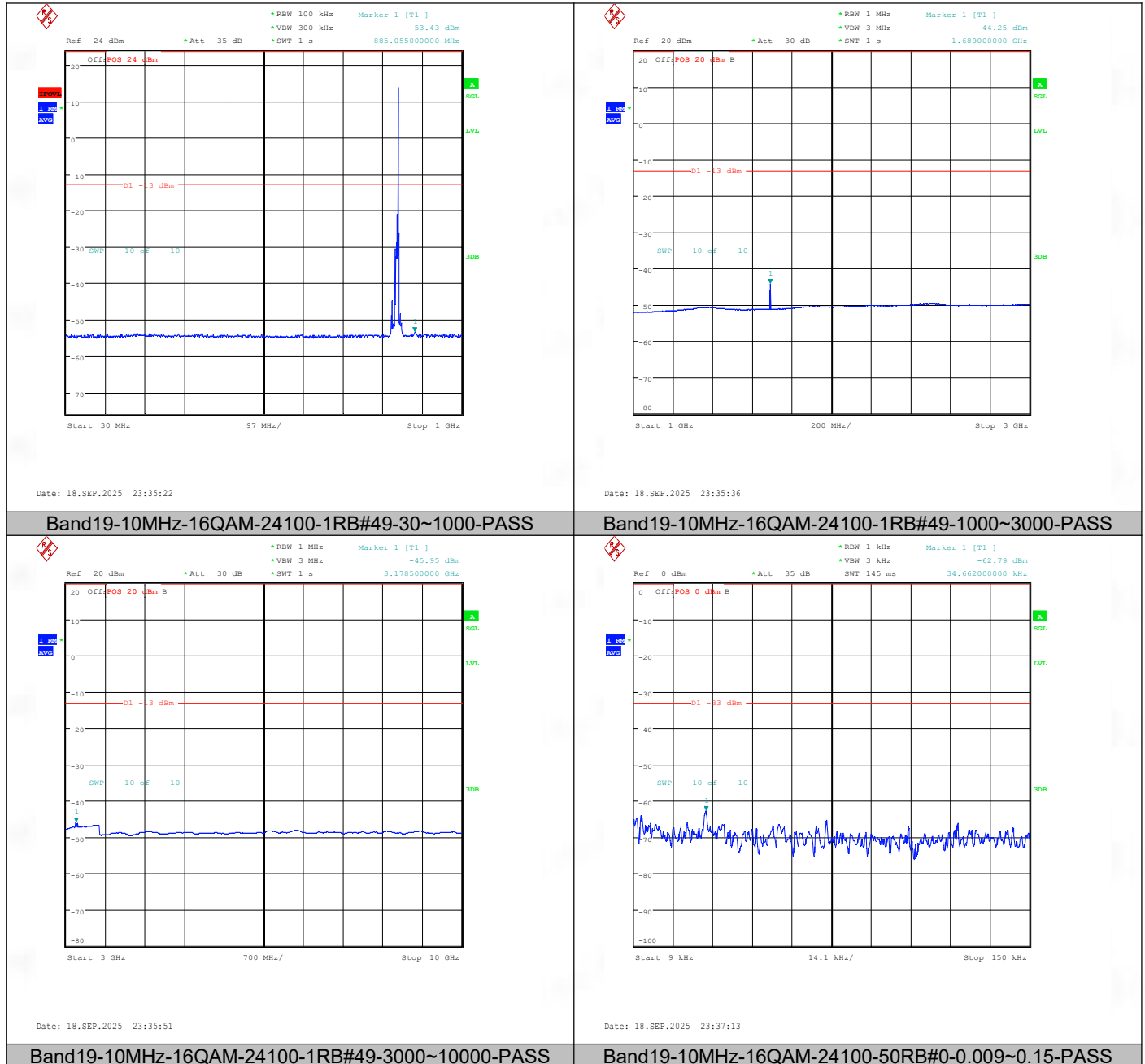


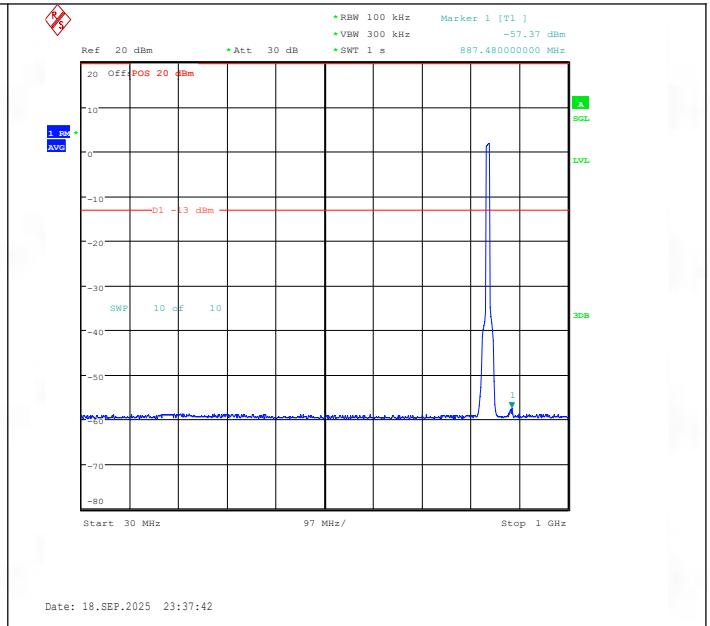
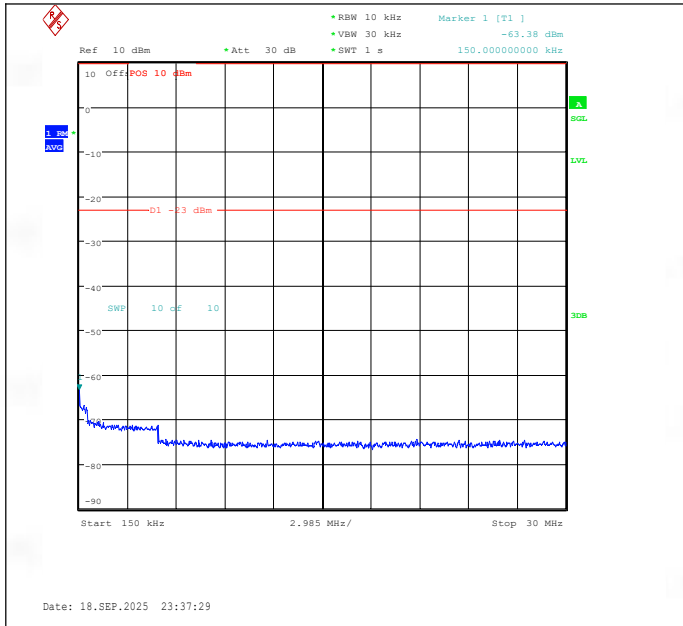
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Band19-10MHz-QPSK-24100-50RB#0-1000~3000-PASS



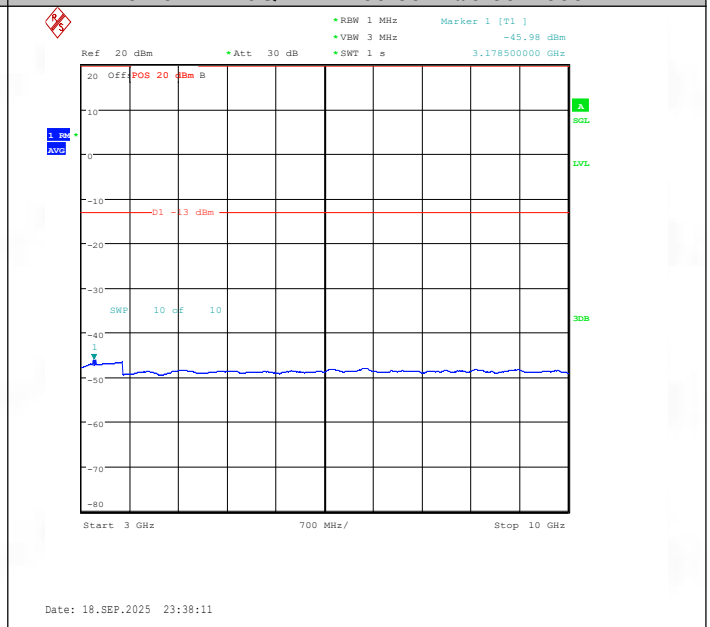
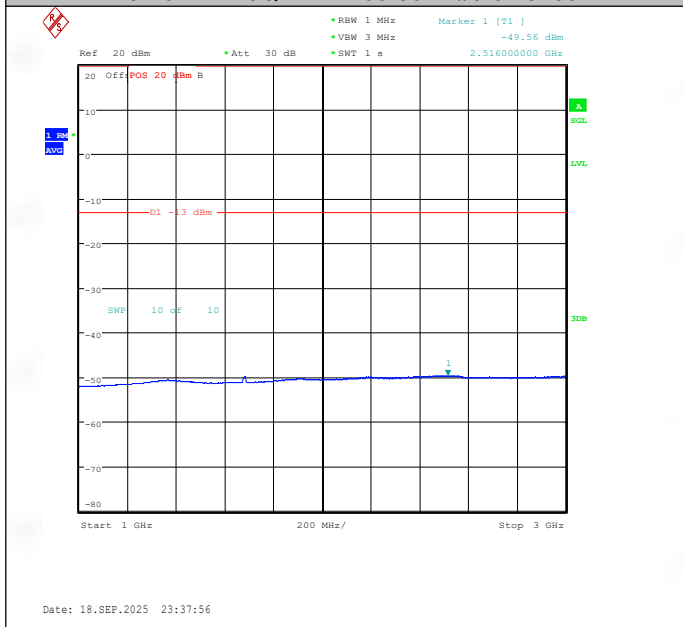






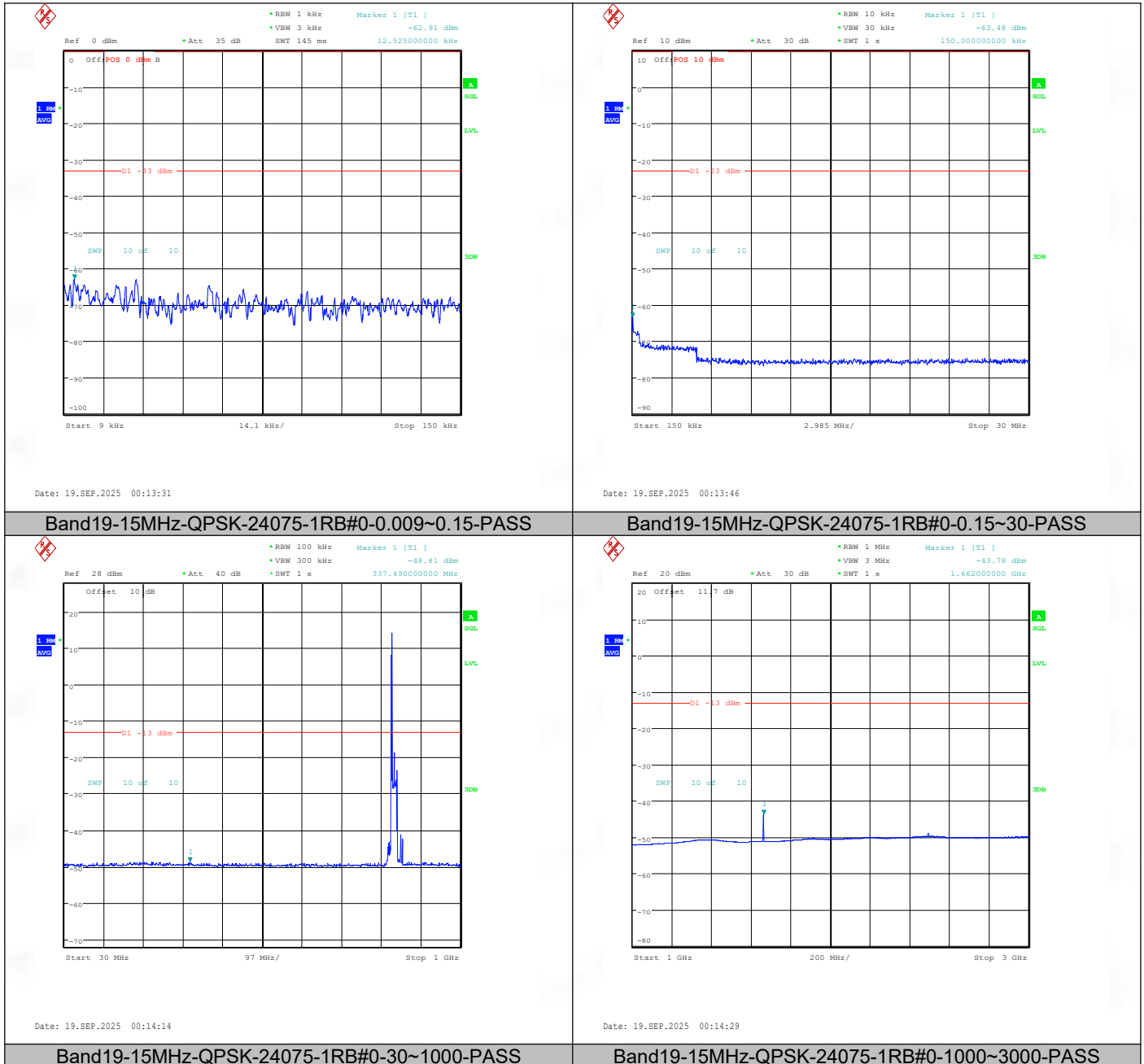
Band19-10MHz-16QAM-24100-50RB#0-0.15~30-PASS

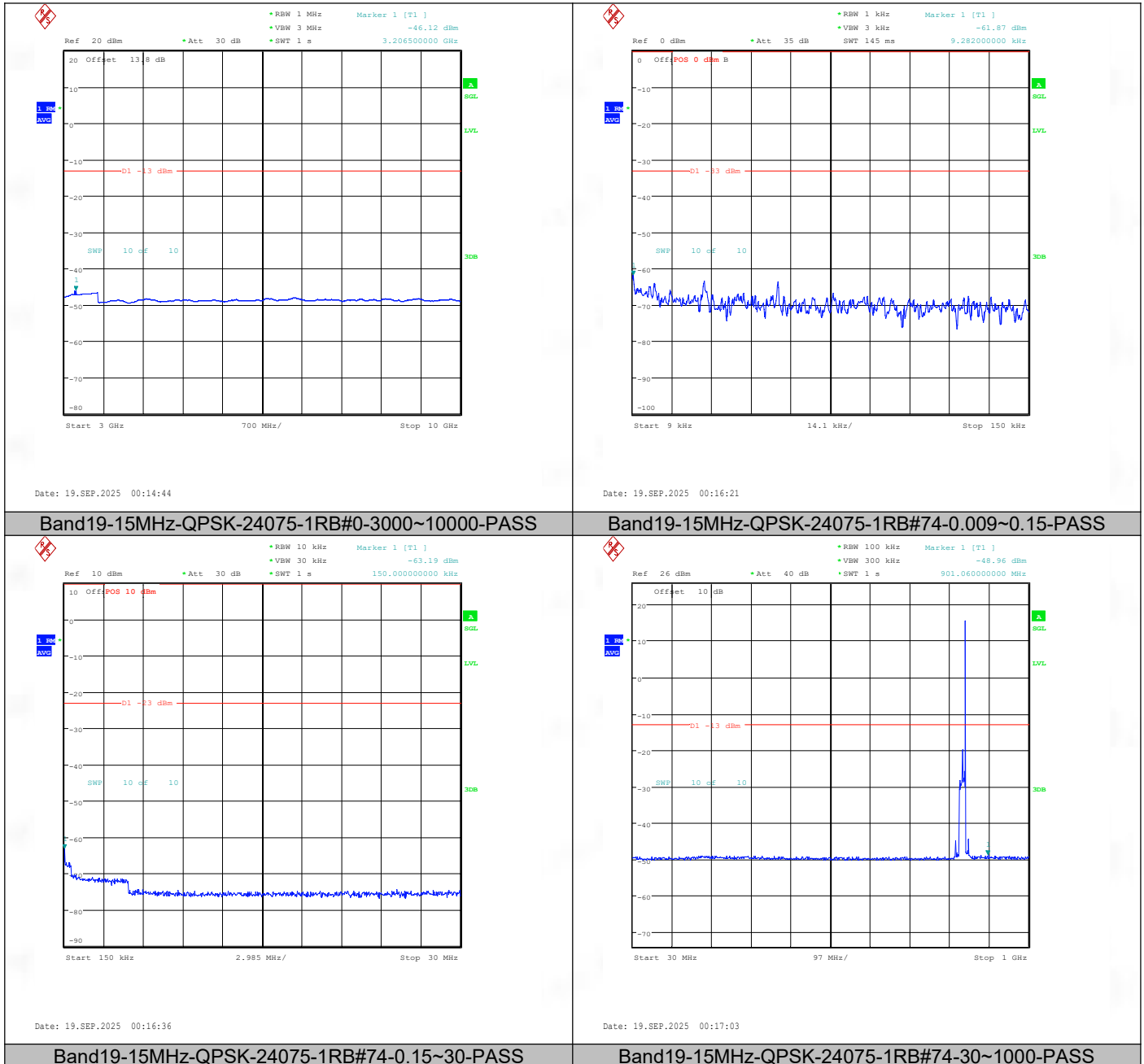
Band19-10MHz-16QAM-24100-50RB#0-30~1000-PASS

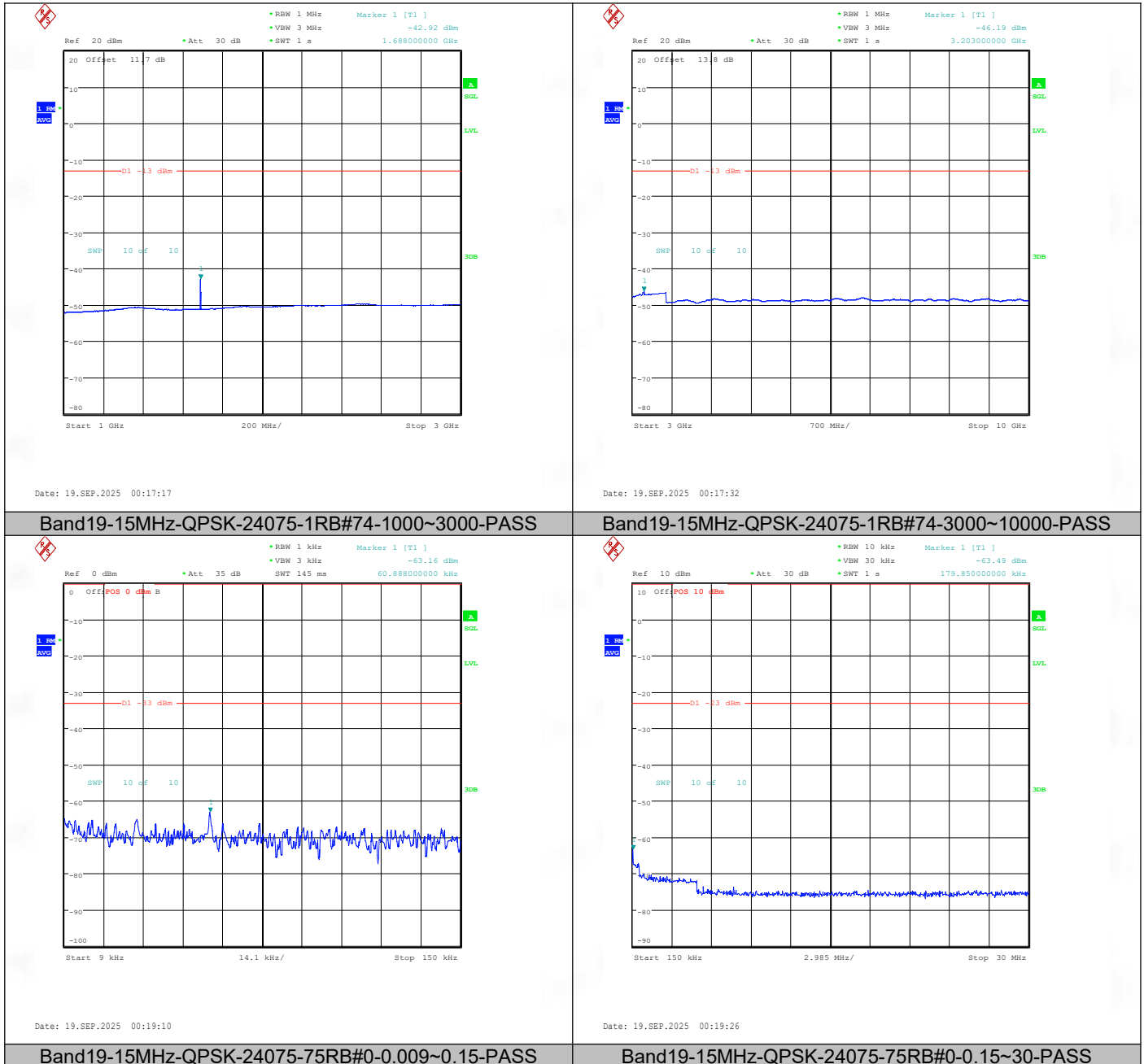


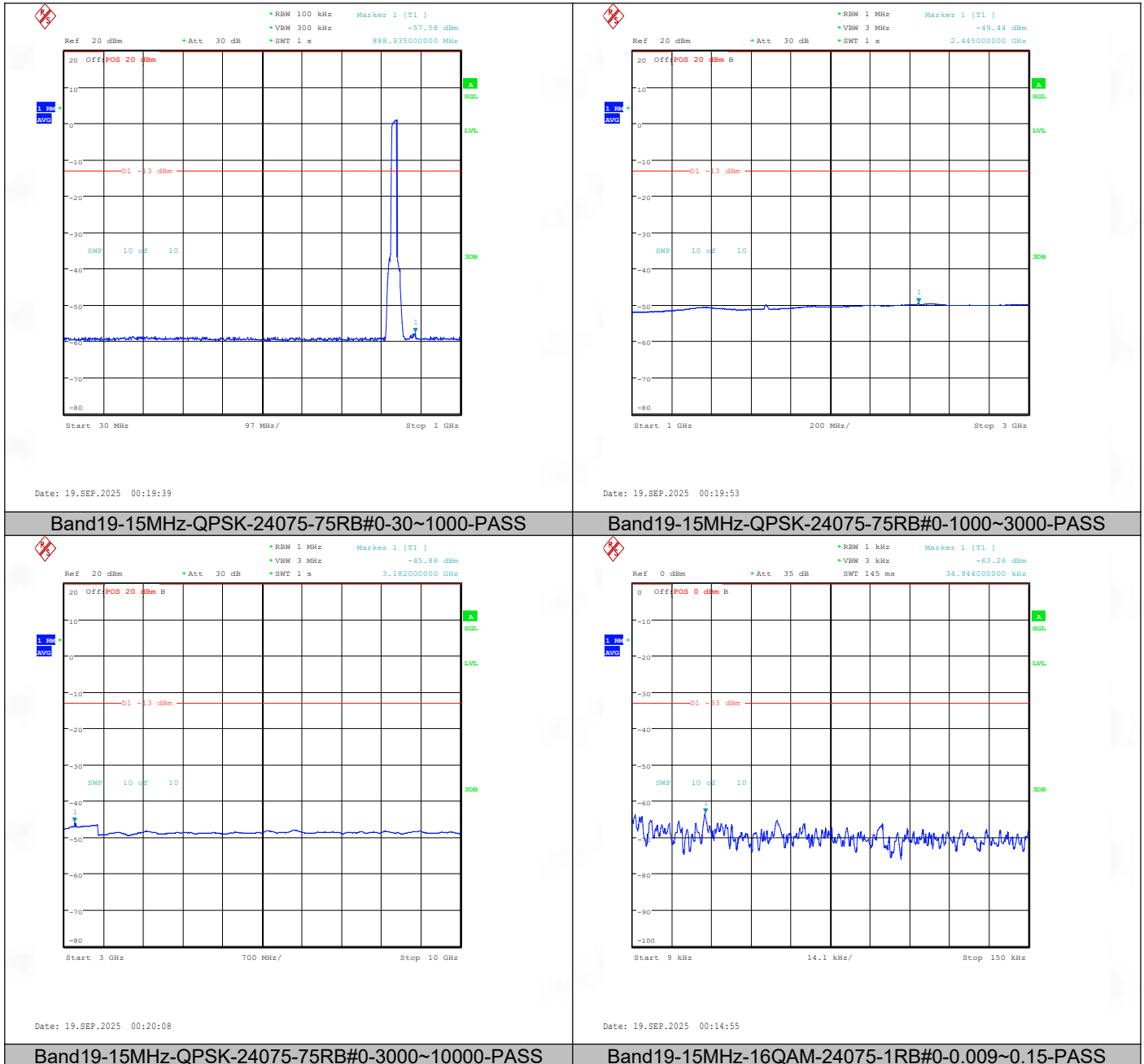
Band19-10MHz-16QAM-24100-50RB#0-1000~3000-PASS

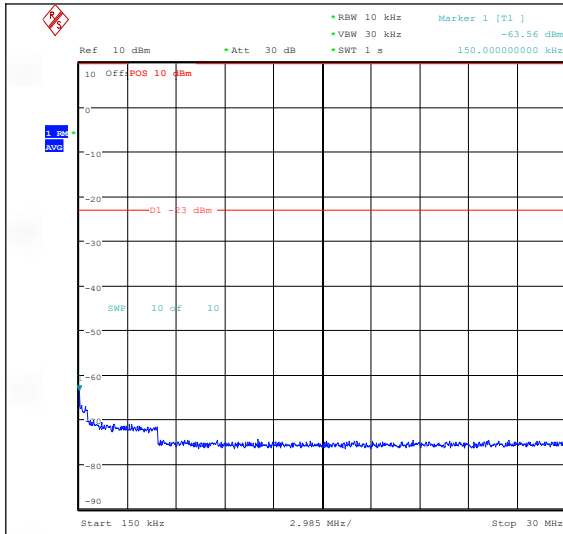
Band19-10MHz-16QAM-24100-50RB#0-3000~10000-PASS





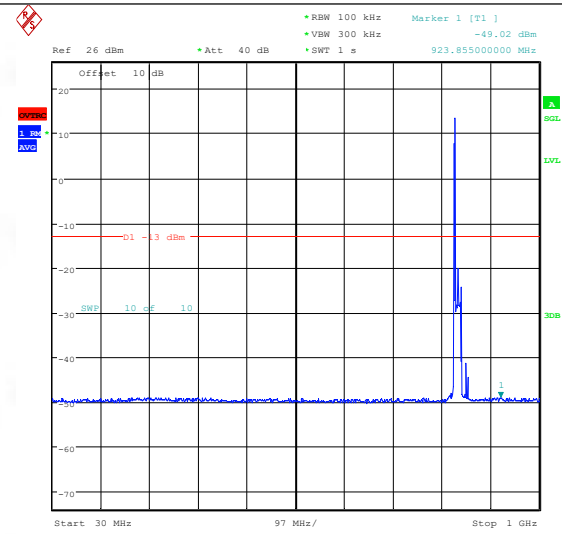






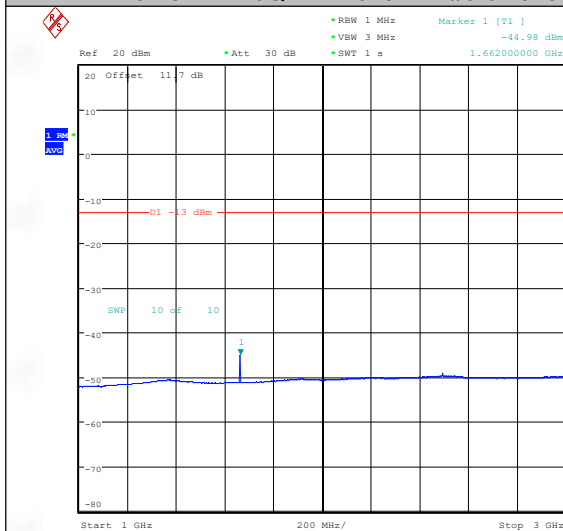
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Band19-15MHz-16QAM-24075-1RB#0-0.15~30-PASS



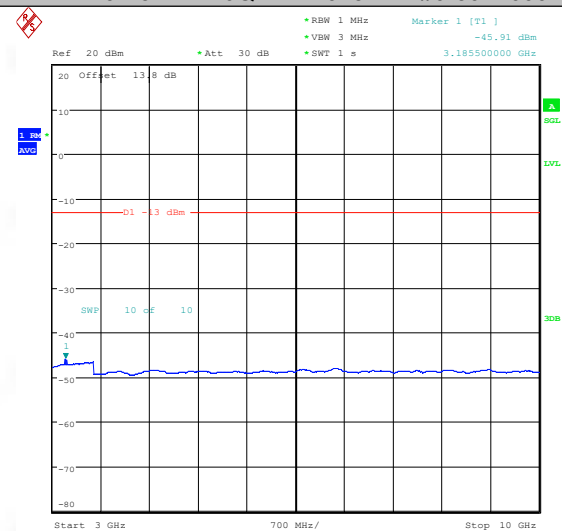
Date: 19.SEP.2025 00:15:38

Band19-15MHz-16QAM-24075-1RB#0-30~1000-PASS



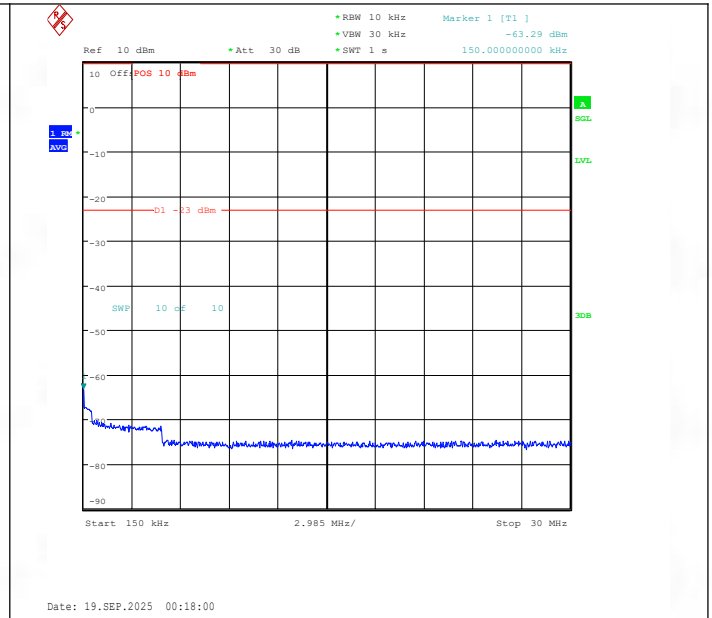
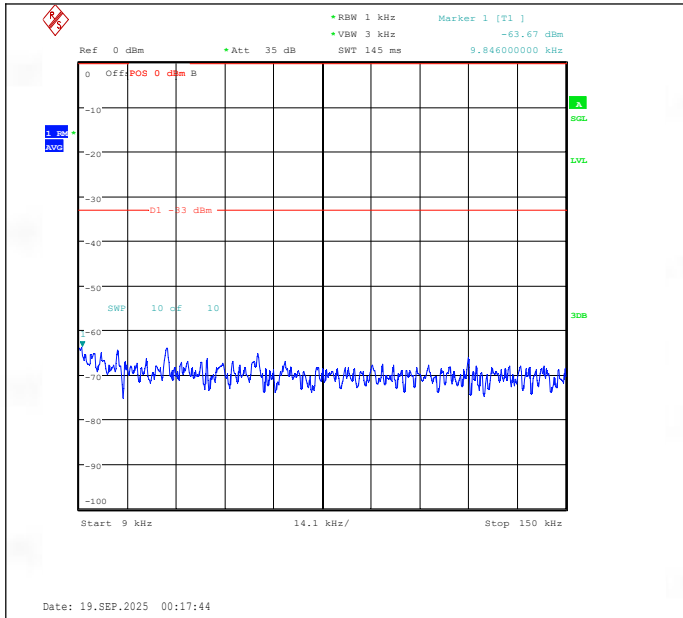
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Band19-15MHz-16QAM-24075-1RB#0-1000~3000-PASS



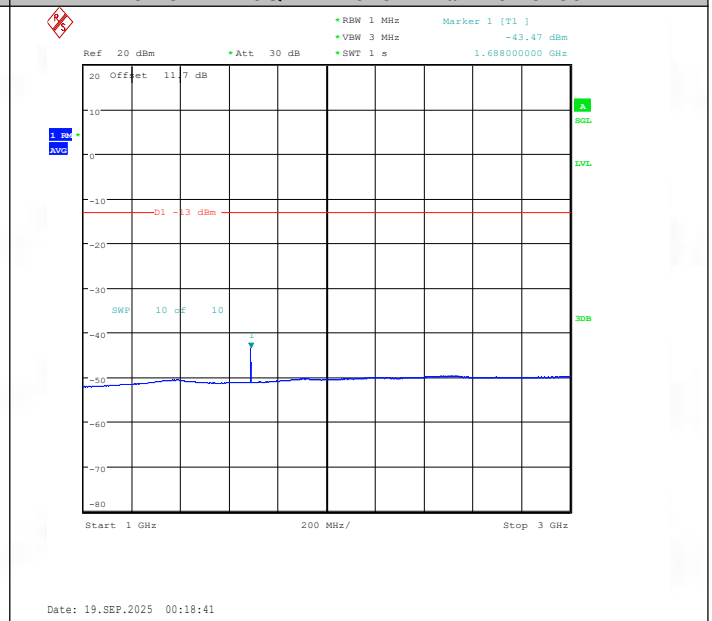
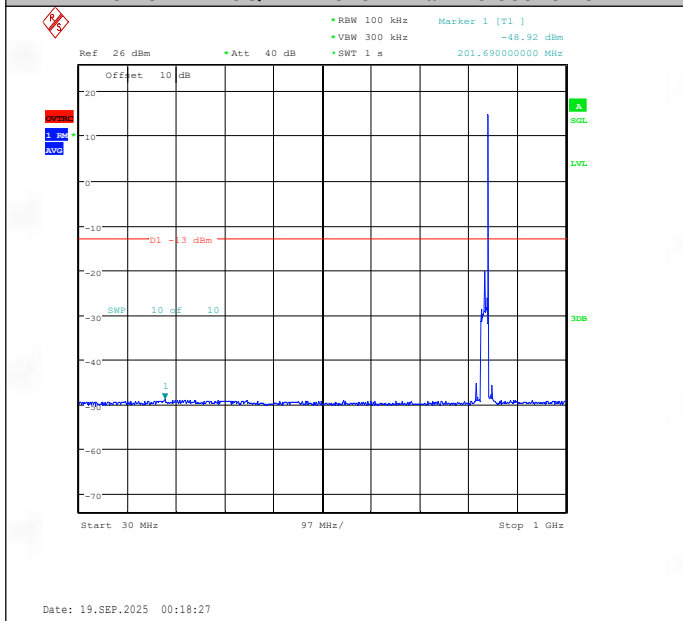
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Band19-15MHz-16QAM-24075-1RB#0-3000~10000-PASS



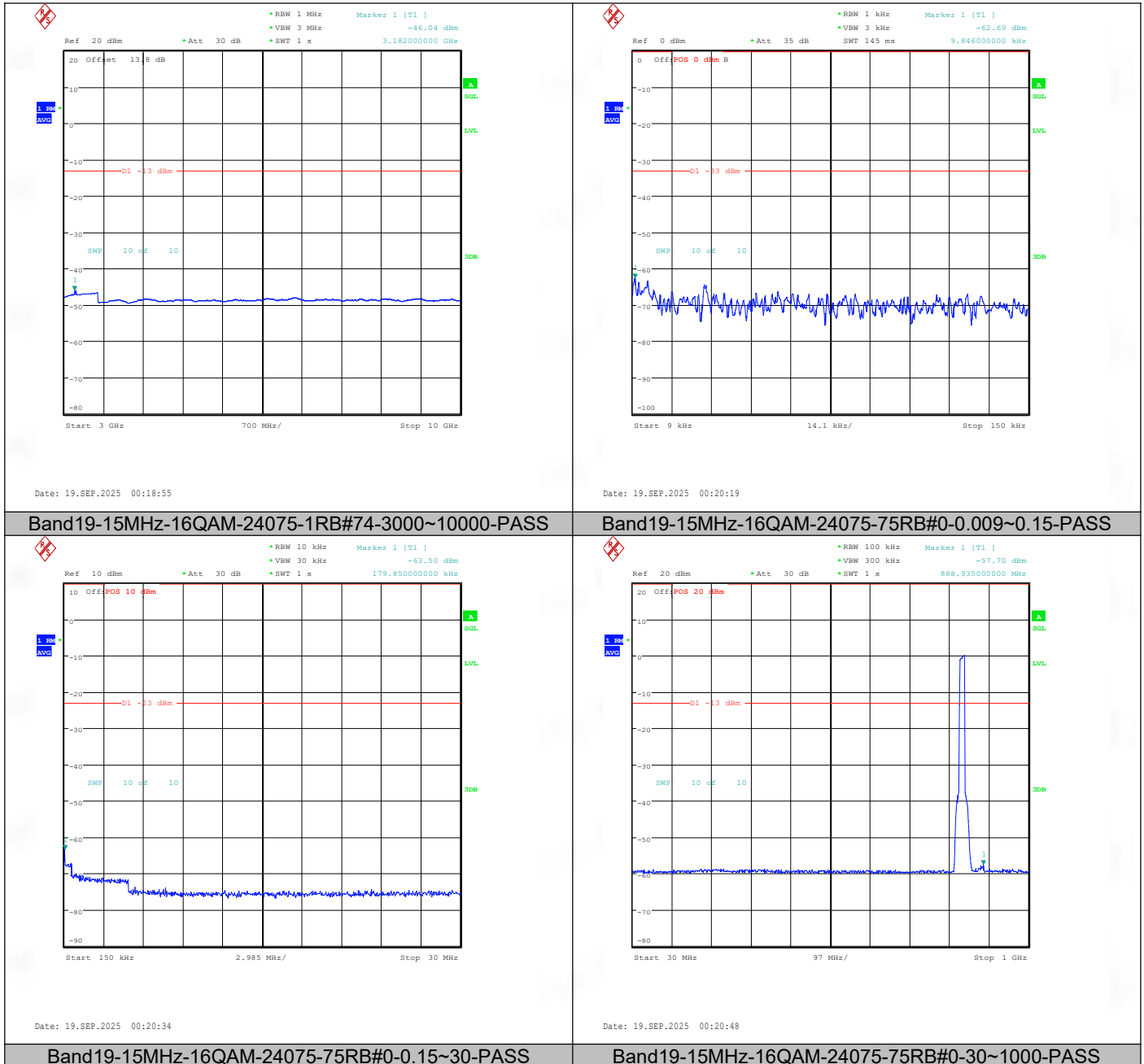
Band19-15MHz-16QAM-24075-1RB#74-0.009~0.15-PASS

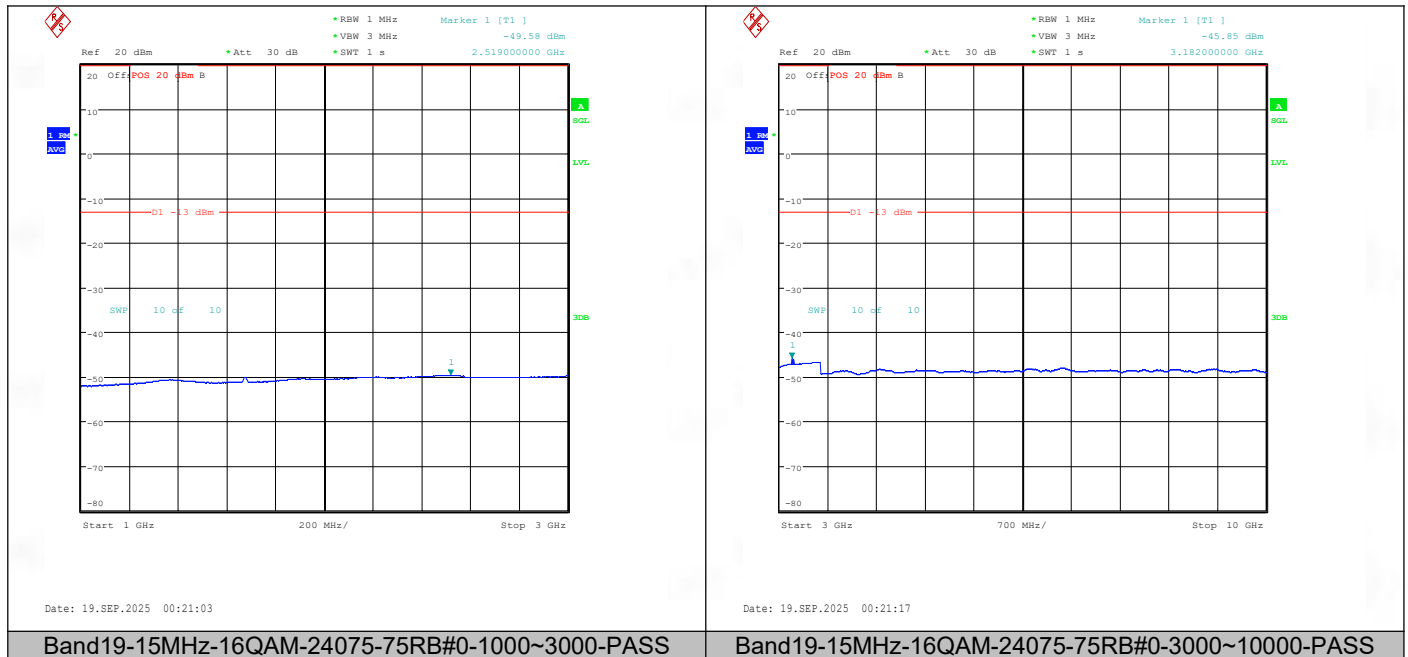
Band19-15MHz-16QAM-24075-1RB#74-0.15~30-PASS



Band19-15MHz-16QAM-24075-1RB#74-30~1000-PASS

Band19-15MHz-16QAM-24075-1RB#74-1000~3000-PASS





1.6 Appendix F: Frequency Stability

1.6.1 Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band19	5MHz	QPSK	24025	25RB#0	VN	NT	-4.02	-0.004829	±2.5	PASS
Band19	5MHz	QPSK	24025	25RB#0	VL	NT	-4.31	-0.005177	±2.5	PASS
Band19	5MHz	QPSK	24025	25RB#0	VH	NT	3.78	0.004541	±2.5	PASS
Band19	5MHz	16QAM	24025	25RB#0	VN	NT	-2.52	-0.003027	±2.5	PASS
Band19	5MHz	16QAM	24025	25RB#0	VL	NT	4.69	0.005634	±2.5	PASS
Band19	5MHz	16QAM	24025	25RB#0	VH	NT	-1.85	-0.002222	±2.5	PASS
Band19	5MHz	QPSK	24075	25RB#0	VN	NT	-6.55	-0.007821	±2.5	PASS
Band19	5MHz	QPSK	24075	25RB#0	VL	NT	-4.42	-0.005278	±2.5	PASS
Band19	5MHz	QPSK	24075	25RB#0	VH	NT	-3.45	-0.004119	±2.5	PASS
Band19	5MHz	16QAM	24075	25RB#0	VN	NT	-2.86	-0.003415	±2.5	PASS
Band19	5MHz	16QAM	24075	25RB#0	VL	NT	-5.81	-0.006937	±2.5	PASS
Band19	5MHz	16QAM	24075	25RB#0	VH	NT	-2.59	-0.003093	±2.5	PASS
Band19	5MHz	QPSK	24125	25RB#0	VN	NT	-2.27	-0.002694	±2.5	PASS
Band19	5MHz	QPSK	24125	25RB#0	VL	NT	3.99	0.004736	±2.5	PASS
Band19	5MHz	QPSK	24125	25RB#0	VH	NT	4.53	0.005377	±2.5	PASS
Band19	5MHz	16QAM	24125	25RB#0	VN	NT	2.03	0.002409	±2.5	PASS
Band19	5MHz	16QAM	24125	25RB#0	VL	NT	2.78	0.003300	±2.5	PASS
Band19	5MHz	16QAM	24125	25RB#0	VH	NT	7.60	0.009021	±2.5	PASS
Band19	10MHz	QPSK	24050	50RB#0	VN	NT	-2.52	-0.003018	±2.5	PASS
Band19	10MHz	QPSK	24050	50RB#0	VL	NT	-4.39	-0.005257	±2.5	PASS
Band19	10MHz	QPSK	24050	50RB#0	VH	NT	-2.06	-0.002467	±2.5	PASS
Band19	10MHz	16QAM	24050	50RB#0	VN	NT	-2.43	-0.002910	±2.5	PASS
Band19	10MHz	16QAM	24050	50RB#0	VL	NT	-4.32	-0.005174	±2.5	PASS
Band19	10MHz	16QAM	24050	50RB#0	VH	NT	4.19	0.005018	±2.5	PASS
Band19	10MHz	QPSK	24075	50RB#0	VN	NT	-5.15	-0.006149	±2.5	PASS
Band19	10MHz	QPSK	24075	50RB#0	VL	NT	-4.09	-0.004884	±2.5	PASS
Band19	10MHz	QPSK	24075	50RB#0	VH	NT	-2.99	-0.003570	±2.5	PASS
Band19	10MHz	16QAM	24075	50RB#0	VN	NT	-2.39	-0.002854	±2.5	PASS
Band19	10MHz	16QAM	24075	50RB#0	VL	NT	-5.01	-0.005982	±2.5	PASS
Band19	10MHz	16QAM	24075	50RB#0	VH	NT	-2.99	-0.003570	±2.5	PASS
Band19	10MHz	QPSK	24100	50RB#0	VN	NT	-3.92	-0.004667	±2.5	PASS
Band19	10MHz	QPSK	24100	50RB#0	VL	NT	1.96	0.002333	±2.5	PASS
Band19	10MHz	QPSK	24100	50RB#0	VH	NT	1.69	0.002012	±2.5	PASS
Band19	10MHz	16QAM	24100	50RB#0	VN	NT	-3.05	-0.003631	±2.5	PASS
Band19	10MHz	16QAM	24100	50RB#0	VL	NT	-3.82	-0.004548	±2.5	PASS
Band19	10MHz	16QAM	24100	50RB#0	VH	NT	-1.39	-0.001655	±2.5	PASS
Band19	15MHz	QPSK	24075	75RB#0	VN	NT	1.86	0.002221	±2.5	PASS
Band19	15MHz	QPSK	24075	75RB#0	VL	NT	-5.16	-0.006161	±2.5	PASS
Band19	15MHz	QPSK	24075	75RB#0	VH	NT	-3.48	-0.004155	±2.5	PASS
Band19	15MHz	16QAM	24075	75RB#0	VN	NT	-4.49	-0.005361	±2.5	PASS
Band19	15MHz	16QAM	24075	75RB#0	VL	NT	-2.32	-0.002770	±2.5	PASS
Band19	15MHz	16QAM	24075	75RB#0	VH	NT	3.39	0.004048	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band19	5MHz	QPSK	24025	25RB#0	NV	-30	-3.65	-0.004384	±2.5	PASS
Band19	5MHz	QPSK	24025	25RB#0	NV	-20	-3.81	-0.004577	±2.5	PASS
Band19	5MHz	QPSK	24025	25RB#0	NV	-10	2.10	0.002523	±2.5	PASS

Band19	5MHz	QPSK	24025	25RB#0	NV	0	-1.54	-0.001850	±2.5	PASS
Band19	5MHz	QPSK	24025	25RB#0	NV	10	1.20	0.001441	±2.5	PASS
Band19	5MHz	QPSK	24025	25RB#0	NV	20	-1.96	-0.002354	±2.5	PASS
Band19	5MHz	QPSK	24025	25RB#0	NV	30	2.36	0.002835	±2.5	PASS
Band19	5MHz	QPSK	24025	25RB#0	NV	40	-2.73	-0.003279	±2.5	PASS
Band19	5MHz	QPSK	24025	25RB#0	NV	50	2.96	0.003556	±2.5	PASS
Band19	5MHz	16QAM	24025	25RB#0	NV	-30	-2.52	-0.003027	±2.5	PASS
Band19	5MHz	16QAM	24025	25RB#0	NV	-20	-3.00	-0.003604	±2.5	PASS
Band19	5MHz	16QAM	24025	25RB#0	NV	-10	3.18	0.003820	±2.5	PASS
Band19	5MHz	16QAM	24025	25RB#0	NV	0	-1.76	-0.002114	±2.5	PASS
Band19	5MHz	16QAM	24025	25RB#0	NV	10	-1.62	-0.001946	±2.5	PASS
Band19	5MHz	16QAM	24025	25RB#0	NV	20	1.70	0.002042	±2.5	PASS
Band19	5MHz	16QAM	24025	25RB#0	NV	30	-2.35	-0.002823	±2.5	PASS
Band19	5MHz	16QAM	24025	25RB#0	NV	40	-1.85	-0.002222	±2.5	PASS
Band19	5MHz	16QAM	24025	25RB#0	NV	50	-2.69	-0.003231	±2.5	PASS
Band19	5MHz	QPSK	24075	25RB#0	NV	-30	-3.38	-0.004036	±2.5	PASS
Band19	5MHz	QPSK	24075	25RB#0	NV	-20	-4.81	-0.005743	±2.5	PASS
Band19	5MHz	QPSK	24075	25RB#0	NV	-10	-2.89	-0.003451	±2.5	PASS
Band19	5MHz	QPSK	24075	25RB#0	NV	0	-3.68	-0.004394	±2.5	PASS
Band19	5MHz	QPSK	24075	25RB#0	NV	10	-3.69	-0.004406	±2.5	PASS
Band19	5MHz	QPSK	24075	25RB#0	NV	20	1.92	0.002293	±2.5	PASS
Band19	5MHz	QPSK	24075	25RB#0	NV	30	-3.75	-0.004478	±2.5	PASS
Band19	5MHz	QPSK	24075	25RB#0	NV	40	-5.05	-0.006030	±2.5	PASS
Band19	5MHz	QPSK	24075	25RB#0	NV	50	3.81	0.004549	±2.5	PASS
Band19	5MHz	16QAM	24075	25RB#0	NV	-30	-4.48	-0.005349	±2.5	PASS
Band19	5MHz	16QAM	24075	25RB#0	NV	-20	-2.29	-0.002734	±2.5	PASS
Band19	5MHz	16QAM	24075	25RB#0	NV	-10	-2.56	-0.003057	±2.5	PASS
Band19	5MHz	16QAM	24075	25RB#0	NV	0	-2.56	-0.003057	±2.5	PASS
Band19	5MHz	16QAM	24075	25RB#0	NV	10	-2.12	-0.002531	±2.5	PASS
Band19	5MHz	16QAM	24075	25RB#0	NV	20	-2.56	-0.003057	±2.5	PASS
Band19	5MHz	16QAM	24075	25RB#0	NV	30	-3.43	-0.004096	±2.5	PASS
Band19	5MHz	16QAM	24075	25RB#0	NV	40	-1.22	-0.001457	±2.5	PASS
Band19	5MHz	16QAM	24075	25RB#0	NV	50	1.02	0.001218	±2.5	PASS
Band19	5MHz	QPSK	24125	25RB#0	NV	-30	4.09	0.004855	±2.5	PASS
Band19	5MHz	QPSK	24125	25RB#0	NV	-20	3.96	0.004700	±2.5	PASS
Band19	5MHz	QPSK	24125	25RB#0	NV	-10	4.15	0.004926	±2.5	PASS
Band19	5MHz	QPSK	24125	25RB#0	NV	0	4.29	0.005092	±2.5	PASS
Band19	5MHz	QPSK	24125	25RB#0	NV	10	3.18	0.003774	±2.5	PASS
Band19	5MHz	QPSK	24125	25RB#0	NV	20	2.53	0.003003	±2.5	PASS
Band19	5MHz	QPSK	24125	25RB#0	NV	30	3.56	0.004226	±2.5	PASS
Band19	5MHz	QPSK	24125	25RB#0	NV	40	1.00	0.001187	±2.5	PASS
Band19	5MHz	QPSK	24125	25RB#0	NV	50	2.90	0.003442	±2.5	PASS
Band19	5MHz	16QAM	24125	25RB#0	NV	-30	1.66	0.001970	±2.5	PASS
Band19	5MHz	16QAM	24125	25RB#0	NV	-20	3.08	0.003656	±2.5	PASS
Band19	5MHz	16QAM	24125	25RB#0	NV	-10	2.66	0.003157	±2.5	PASS
Band19	5MHz	16QAM	24125	25RB#0	NV	0	3.33	0.003953	±2.5	PASS
Band19	5MHz	16QAM	24125	25RB#0	NV	10	1.16	0.001377	±2.5	PASS
Band19	5MHz	16QAM	24125	25RB#0	NV	20	1.95	0.002315	±2.5	PASS
Band19	5MHz	16QAM	24125	25RB#0	NV	30	2.88	0.003418	±2.5	PASS
Band19	5MHz	16QAM	24125	25RB#0	NV	40	3.96	0.004700	±2.5	PASS
Band19	5MHz	16QAM	24125	25RB#0	NV	50	-2.05	-0.002433	±2.5	PASS
Band19	10MHz	QPSK	24050	50RB#0	NV	-30	1.62	0.001940	±2.5	PASS
Band19	10MHz	QPSK	24050	50RB#0	NV	-20	1.75	0.002096	±2.5	PASS
Band19	10MHz	QPSK	24050	50RB#0	NV	-10	1.62	0.001940	±2.5	PASS
Band19	10MHz	QPSK	24050	50RB#0	NV	0	1.96	0.002347	±2.5	PASS
Band19	10MHz	QPSK	24050	50RB#0	NV	10	-3.40	-0.004072	±2.5	PASS
Band19	10MHz	QPSK	24050	50RB#0	NV	20	1.90	0.002275	±2.5	PASS

Band19	10MHz	QPSK	24050	50RB#0	NV	30	-1.27	-0.001521	±2.5	PASS
Band19	10MHz	QPSK	24050	50RB#0	NV	40	-1.32	-0.001581	±2.5	PASS
Band19	10MHz	QPSK	24050	50RB#0	NV	50	2.47	0.002958	±2.5	PASS
Band19	10MHz	16QAM	24050	50RB#0	NV	-30	-1.66	-0.001988	±2.5	PASS
Band19	10MHz	16QAM	24050	50RB#0	NV	-20	-3.08	-0.003689	±2.5	PASS
Band19	10MHz	16QAM	24050	50RB#0	NV	-10	3.29	0.003940	±2.5	PASS
Band19	10MHz	16QAM	24050	50RB#0	NV	0	3.20	0.003832	±2.5	PASS
Band19	10MHz	16QAM	24050	50RB#0	NV	10	-2.47	-0.002958	±2.5	PASS
Band19	10MHz	16QAM	24050	50RB#0	NV	20	-3.50	-0.004192	±2.5	PASS
Band19	10MHz	16QAM	24050	50RB#0	NV	30	-1.43	-0.001713	±2.5	PASS
Band19	10MHz	16QAM	24050	50RB#0	NV	40	-1.23	-0.001473	±2.5	PASS
Band19	10MHz	16QAM	24050	50RB#0	NV	50	-2.63	-0.003150	±2.5	PASS
Band19	10MHz	QPSK	24075	50RB#0	NV	-30	1.72	0.002054	±2.5	PASS
Band19	10MHz	QPSK	24075	50RB#0	NV	-20	-4.22	-0.005039	±2.5	PASS
Band19	10MHz	QPSK	24075	50RB#0	NV	-10	-3.16	-0.003773	±2.5	PASS
Band19	10MHz	QPSK	24075	50RB#0	NV	0	-2.00	-0.002388	±2.5	PASS
Band19	10MHz	QPSK	24075	50RB#0	NV	10	-5.58	-0.006663	±2.5	PASS
Band19	10MHz	QPSK	24075	50RB#0	NV	20	-2.25	-0.002687	±2.5	PASS
Band19	10MHz	QPSK	24075	50RB#0	NV	30	-1.49	-0.001779	±2.5	PASS
Band19	10MHz	QPSK	24075	50RB#0	NV	40	-5.01	-0.005982	±2.5	PASS
Band19	10MHz	QPSK	24075	50RB#0	NV	50	-2.78	-0.003319	±2.5	PASS
Band19	10MHz	16QAM	24075	50RB#0	NV	-30	-2.02	-0.002412	±2.5	PASS
Band19	10MHz	16QAM	24075	50RB#0	NV	-20	1.65	0.001970	±2.5	PASS
Band19	10MHz	16QAM	24075	50RB#0	NV	-10	0.76	0.000907	±2.5	PASS
Band19	10MHz	16QAM	24075	50RB#0	NV	0	-5.52	-0.006591	±2.5	PASS
Band19	10MHz	16QAM	24075	50RB#0	NV	10	-2.10	-0.002507	±2.5	PASS
Band19	10MHz	16QAM	24075	50RB#0	NV	20	-2.83	-0.003379	±2.5	PASS
Band19	10MHz	16QAM	24075	50RB#0	NV	30	-2.39	-0.002854	±2.5	PASS
Band19	10MHz	16QAM	24075	50RB#0	NV	40	-4.96	-0.005922	±2.5	PASS
Band19	10MHz	16QAM	24075	50RB#0	NV	50	-4.72	-0.005636	±2.5	PASS
Band19	10MHz	QPSK	24100	50RB#0	NV	-30	-3.56	-0.004238	±2.5	PASS
Band19	10MHz	QPSK	24100	50RB#0	NV	-20	-5.21	-0.006202	±2.5	PASS
Band19	10MHz	QPSK	24100	50RB#0	NV	-10	2.02	0.002405	±2.5	PASS
Band19	10MHz	QPSK	24100	50RB#0	NV	0	-3.59	-0.004274	±2.5	PASS
Band19	10MHz	QPSK	24100	50RB#0	NV	10	1.56	0.001857	±2.5	PASS
Band19	10MHz	QPSK	24100	50RB#0	NV	20	5.92	0.007048	±2.5	PASS
Band19	10MHz	QPSK	24100	50RB#0	NV	30	3.12	0.003714	±2.5	PASS
Band19	10MHz	QPSK	24100	50RB#0	NV	40	-3.63	-0.004321	±2.5	PASS
Band19	10MHz	QPSK	24100	50RB#0	NV	50	3.23	0.003845	±2.5	PASS
Band19	10MHz	16QAM	24100	50RB#0	NV	-30	1.13	0.001345	±2.5	PASS
Band19	10MHz	16QAM	24100	50RB#0	NV	-20	-3.63	-0.004321	±2.5	PASS
Band19	10MHz	16QAM	24100	50RB#0	NV	-10	-2.95	-0.003512	±2.5	PASS
Band19	10MHz	16QAM	24100	50RB#0	NV	0	2.22	0.002643	±2.5	PASS
Band19	10MHz	16QAM	24100	50RB#0	NV	10	-3.72	-0.004429	±2.5	PASS
Band19	10MHz	16QAM	24100	50RB#0	NV	20	-2.15	-0.002560	±2.5	PASS
Band19	10MHz	16QAM	24100	50RB#0	NV	30	-2.43	-0.002893	±2.5	PASS
Band19	10MHz	16QAM	24100	50RB#0	NV	40	2.75	0.003274	±2.5	PASS
Band19	10MHz	16QAM	24100	50RB#0	NV	50	-4.85	-0.005774	±2.5	PASS
Band19	15MHz	QPSK	24075	75RB#0	NV	-30	-6.91	-0.008251	±2.5	PASS
Band19	15MHz	QPSK	24075	75RB#0	NV	-20	-3.06	-0.003654	±2.5	PASS
Band19	15MHz	QPSK	24075	75RB#0	NV	-10	3.02	0.003606	±2.5	PASS
Band19	15MHz	QPSK	24075	75RB#0	NV	0	-3.55	-0.004239	±2.5	PASS
Band19	15MHz	QPSK	24075	75RB#0	NV	10	-3.81	-0.004549	±2.5	PASS
Band19	15MHz	QPSK	24075	75RB#0	NV	20	-6.14	-0.007331	±2.5	PASS
Band19	15MHz	QPSK	24075	75RB#0	NV	30	-3.19	-0.003809	±2.5	PASS
Band19	15MHz	QPSK	24075	75RB#0	NV	40	-1.82	-0.002173	±2.5	PASS
Band19	15MHz	QPSK	24075	75RB#0	NV	50	-1.19	-0.001421	±2.5	PASS

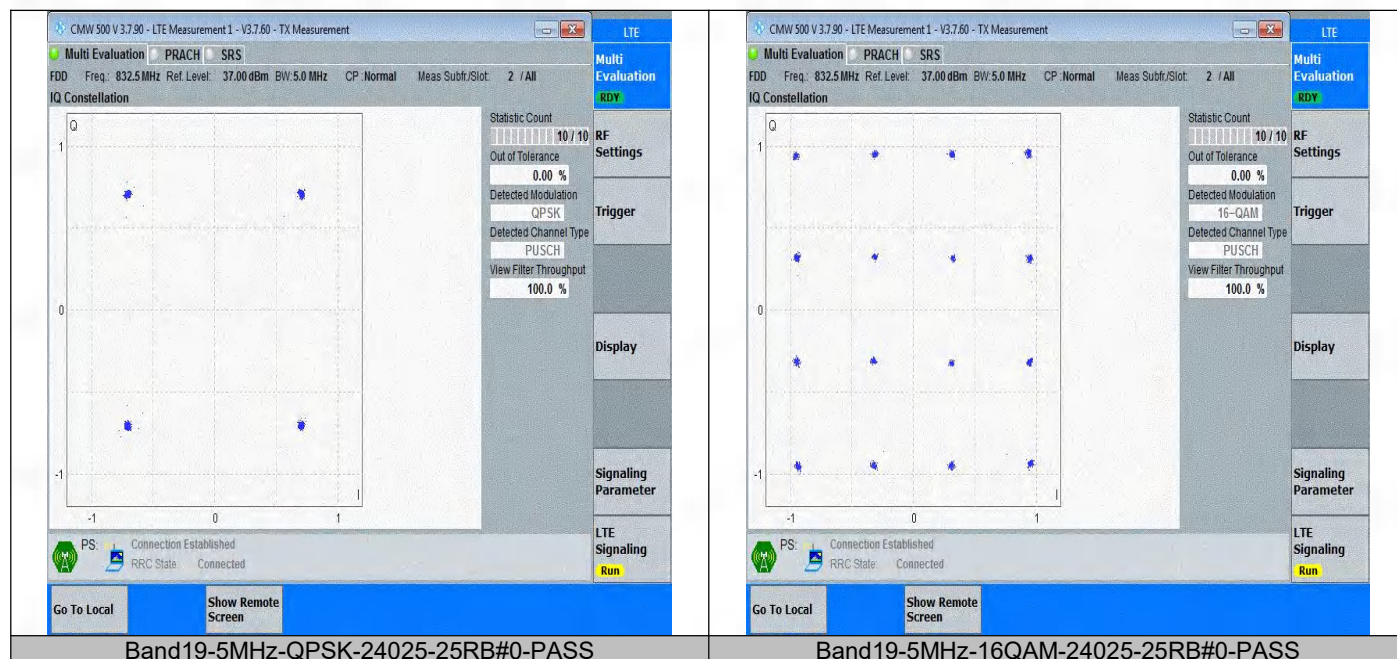
Band19	15MHz	16QAM	24075	75RB#0	NV	-30	-1.37	-0.001636	±2.5	PASS
Band19	15MHz	16QAM	24075	75RB#0	NV	-20	-3.40	-0.004060	±2.5	PASS
Band19	15MHz	16QAM	24075	75RB#0	NV	-10	-3.98	-0.004752	±2.5	PASS
Band19	15MHz	16QAM	24075	75RB#0	NV	0	-3.98	-0.004752	±2.5	PASS
Band19	15MHz	16QAM	24075	75RB#0	NV	10	-5.05	-0.006030	±2.5	PASS
Band19	15MHz	16QAM	24075	75RB#0	NV	20	-4.08	-0.004872	±2.5	PASS
Band19	15MHz	16QAM	24075	75RB#0	NV	30	-1.56	-0.001863	±2.5	PASS
Band19	15MHz	16QAM	24075	75RB#0	NV	40	-3.50	-0.004179	±2.5	PASS
Band19	15MHz	16QAM	24075	75RB#0	NV	50	-3.35	-0.004000	±2.5	PASS

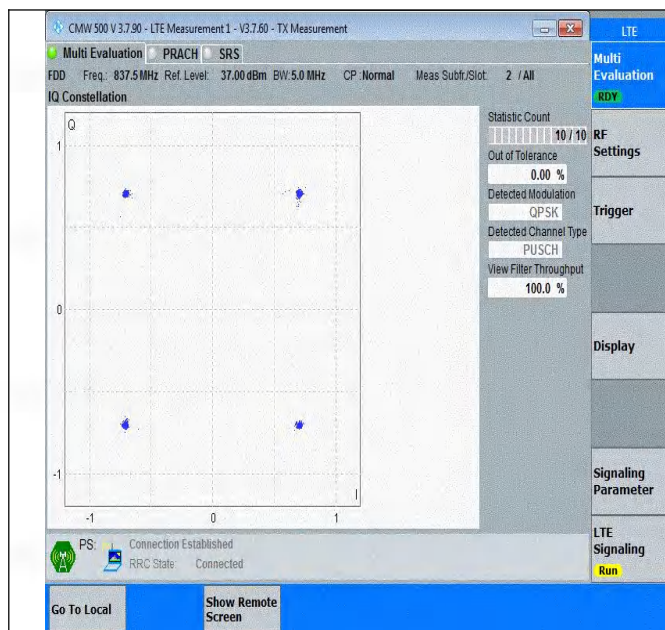
1.7 Appendix G: Modulation Characteristics

1.7.1 Test Result

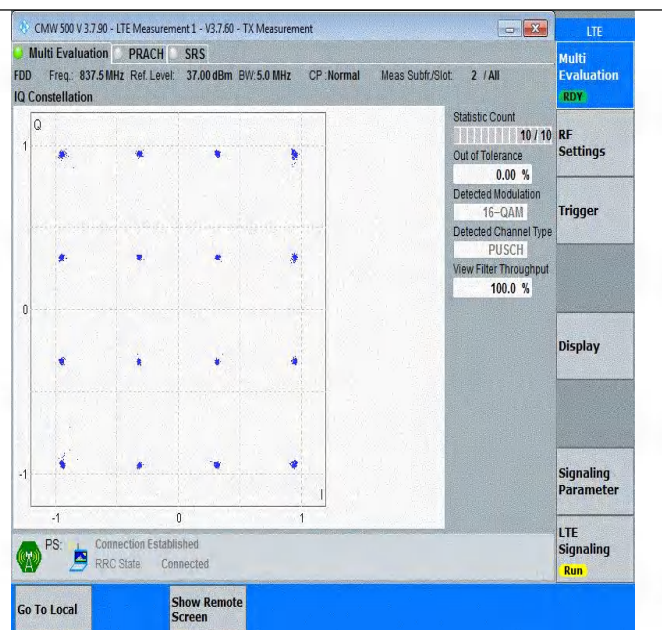
Band	Bandwidth	Modulation	Channel	RB Configuration	Verdict
Band19	5MHz	QPSK	24025	25RB#0	PASS
Band19	5MHz	16QAM	24025	25RB#0	PASS
Band19	5MHz	QPSK	24075	25RB#0	PASS
Band19	5MHz	16QAM	24075	25RB#0	PASS
Band19	5MHz	QPSK	24125	25RB#0	PASS
Band19	5MHz	16QAM	24125	25RB#0	PASS
Band19	10MHz	QPSK	24050	50RB#0	PASS
Band19	10MHz	16QAM	24050	50RB#0	PASS
Band19	10MHz	QPSK	24075	50RB#0	PASS
Band19	10MHz	16QAM	24075	50RB#0	PASS
Band19	10MHz	QPSK	24100	50RB#0	PASS
Band19	10MHz	16QAM	24100	50RB#0	PASS
Band19	15MHz	QPSK	24075	75RB#0	PASS
Band19	15MHz	16QAM	24075	75RB#0	PASS

1.7.2 Test Graphs

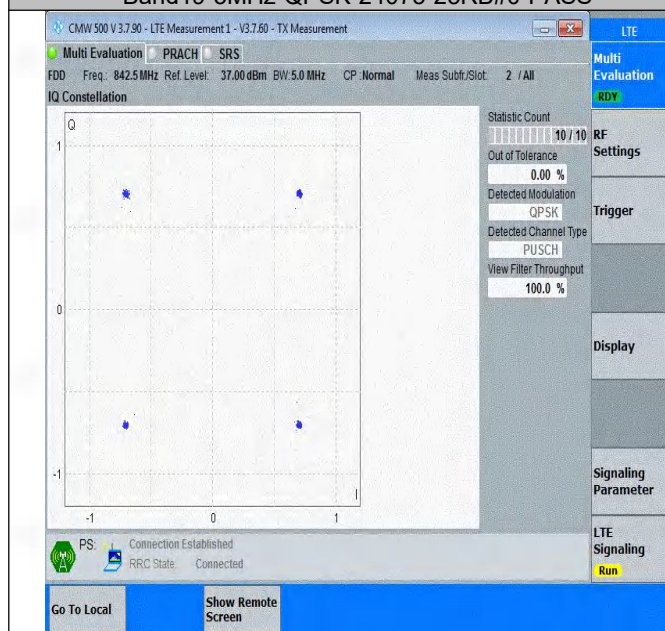




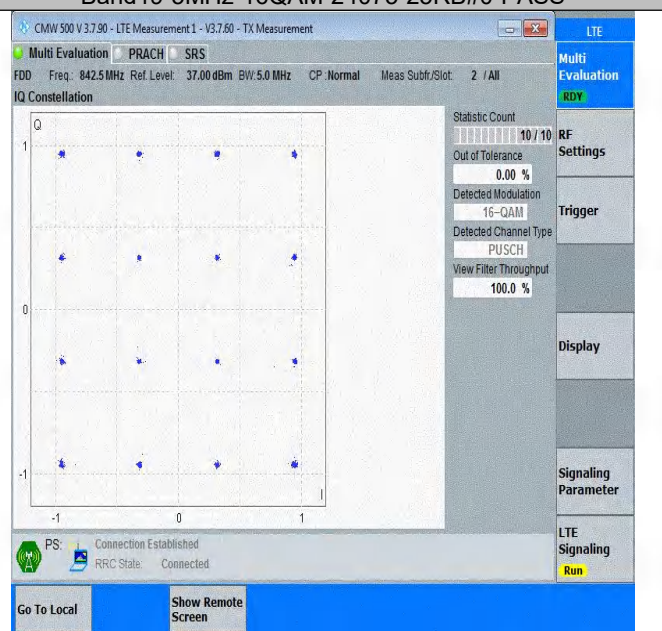
Band19-5MHz-QPSK-24075-25RB#0-PASS



Band19-5MHz-16QAM-24075-25RB#0-PASS



Band19-5MHz-QPSK-24125-25RB#0-PASS



Band19-5MHz-16QAM-24125-25RB#0-PASS

