

Appendix for LTE BAND 7

Product Name: 4G GPS device

Model No: FA96S

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	23.49	PASS
Band7	5MHz	QPSK	20775	1RB#12	23.02	PASS
Band7	5MHz	QPSK	20775	1RB#24	22.84	PASS
Band7	5MHz	QPSK	20775	12RB#0	22.72	PASS
Band7	5MHz	QPSK	20775	12RB#6	22.63	PASS
Band7	5MHz	QPSK	20775	12RB#13	22.56	PASS
Band7	5MHz	QPSK	20775	25RB#0	22.51	PASS
Band7	5MHz	16QAM	20775	1RB#0	23.17	PASS
Band7	5MHz	16QAM	20775	1RB#12	22.92	PASS
Band7	5MHz	16QAM	20775	1RB#24	22.77	PASS
Band7	5MHz	16QAM	20775	12RB#0	22.67	PASS
Band7	5MHz	16QAM	20775	12RB#6	22.59	PASS
Band7	5MHz	16QAM	20775	12RB#13	22.53	PASS
Band7	5MHz	16QAM	20775	25RB#0	22.49	PASS
Band7	5MHz	QPSK	21100	1RB#0	22.43	PASS
Band7	5MHz	QPSK	21100	1RB#12	22.32	PASS
Band7	5MHz	QPSK	21100	1RB#24	22.99	PASS
Band7	5MHz	QPSK	21100	12RB#0	22.47	PASS
Band7	5MHz	QPSK	21100	12RB#6	22.56	PASS
Band7	5MHz	QPSK	21100	12RB#13	22.56	PASS
Band7	5MHz	QPSK	21100	25RB#0	22.52	PASS
Band7	5MHz	16QAM	21100	1RB#0	22.29	PASS
Band7	5MHz	16QAM	21100	1RB#24	22.62	PASS
Band7	5MHz	16QAM	21100	12RB#0	21.26	PASS
Band7	5MHz	16QAM	21100	12RB#6	21.29	PASS
Band7	5MHz	16QAM	21100	12RB#13	21.34	PASS
Band7	5MHz	16QAM	21100	25RB#0	21.31	PASS
Band7	5MHz	QPSK	21425	1RB#0	22.41	PASS
Band7	5MHz	QPSK	21425	1RB#12	22.27	PASS
Band7	5MHz	QPSK	21425	1RB#24	21.66	PASS
Band7	5MHz	QPSK	21425	12RB#0	22.22	PASS
Band7	5MHz	QPSK	21425	12RB#6	22.19	PASS
Band7	5MHz	QPSK	21425	12RB#13	21.89	PASS
Band7	5MHz	QPSK	21425	25RB#0	22.07	PASS
Band7	5MHz	16QAM	21425	1RB#0	22.29	PASS
Band7	5MHz	16QAM	21425	1RB#12	22.24	PASS

Band7	5MHz	16QAM	21425	1RB#24	21.58	PASS
Band7	5MHz	16QAM	21425	12RB#0	21.49	PASS
Band7	5MHz	16QAM	21425	12RB#6	21.46	PASS
Band7	5MHz	16QAM	21425	12RB#13	21.22	PASS
Band7	5MHz	16QAM	21425	25RB#0	21.29	PASS
Band7	10MHz	QPSK	20800	1RB#0	22.99	PASS
Band7	10MHz	QPSK	20800	1RB#24	23.10	PASS
Band7	10MHz	QPSK	20800	1RB#49	23.55	PASS
Band7	10MHz	QPSK	20800	25RB#0	23.40	PASS
Band7	10MHz	QPSK	20800	25RB#12	23.34	PASS
Band7	10MHz	QPSK	20800	25RB#25	23.11	PASS
Band7	10MHz	QPSK	20800	50RB#0	22.98	PASS
Band7	10MHz	16QAM	20800	1RB#0	22.84	PASS
Band7	10MHz	16QAM	20800	1RB#24	23.15	PASS
Band7	10MHz	16QAM	20800	1RB#49	23.39	PASS
Band7	10MHz	16QAM	20800	25RB#0	22.16	PASS
Band7	10MHz	16QAM	20800	25RB#12	22.07	PASS
Band7	10MHz	16QAM	20800	25RB#25	21.88	PASS
Band7	10MHz	QPSK	21100	1RB#0	23.58	PASS
Band7	10MHz	QPSK	21100	1RB#24	23.30	PASS
Band7	10MHz	QPSK	21100	1RB#49	23.47	PASS
Band7	10MHz	QPSK	21100	25RB#0	22.97	PASS
Band7	10MHz	QPSK	21100	25RB#12	22.96	PASS
Band7	10MHz	QPSK	21100	25RB#25	22.87	PASS
Band7	10MHz	QPSK	21100	50RB#0	22.73	PASS
Band7	10MHz	16QAM	21100	1RB#0	23.45	PASS
Band7	10MHz	16QAM	21100	1RB#24	23.21	PASS
Band7	10MHz	16QAM	21100	1RB#49	23.31	PASS
Band7	10MHz	16QAM	21100	25RB#0	21.66	PASS
Band7	10MHz	16QAM	21100	25RB#12	21.67	PASS
Band7	10MHz	16QAM	21100	25RB#25	21.52	PASS
Band7	10MHz	QPSK	21400	1RB#0	23.62	PASS
Band7	10MHz	QPSK	21400	1RB#24	23.36	PASS
Band7	10MHz	QPSK	21400	1RB#49	22.78	PASS
Band7	10MHz	QPSK	21400	25RB#0	23.05	PASS
Band7	10MHz	QPSK	21400	25RB#12	23.00	PASS
Band7	10MHz	QPSK	21400	25RB#25	22.67	PASS
Band7	10MHz	QPSK	21400	50RB#0	22.65	PASS
Band7	10MHz	16QAM	21400	1RB#0	23.13	PASS
Band7	10MHz	16QAM	21400	1RB#24	23.23	PASS
Band7	10MHz	16QAM	21400	1RB#49	22.33	PASS
Band7	10MHz	16QAM	21400	25RB#0	22.17	PASS

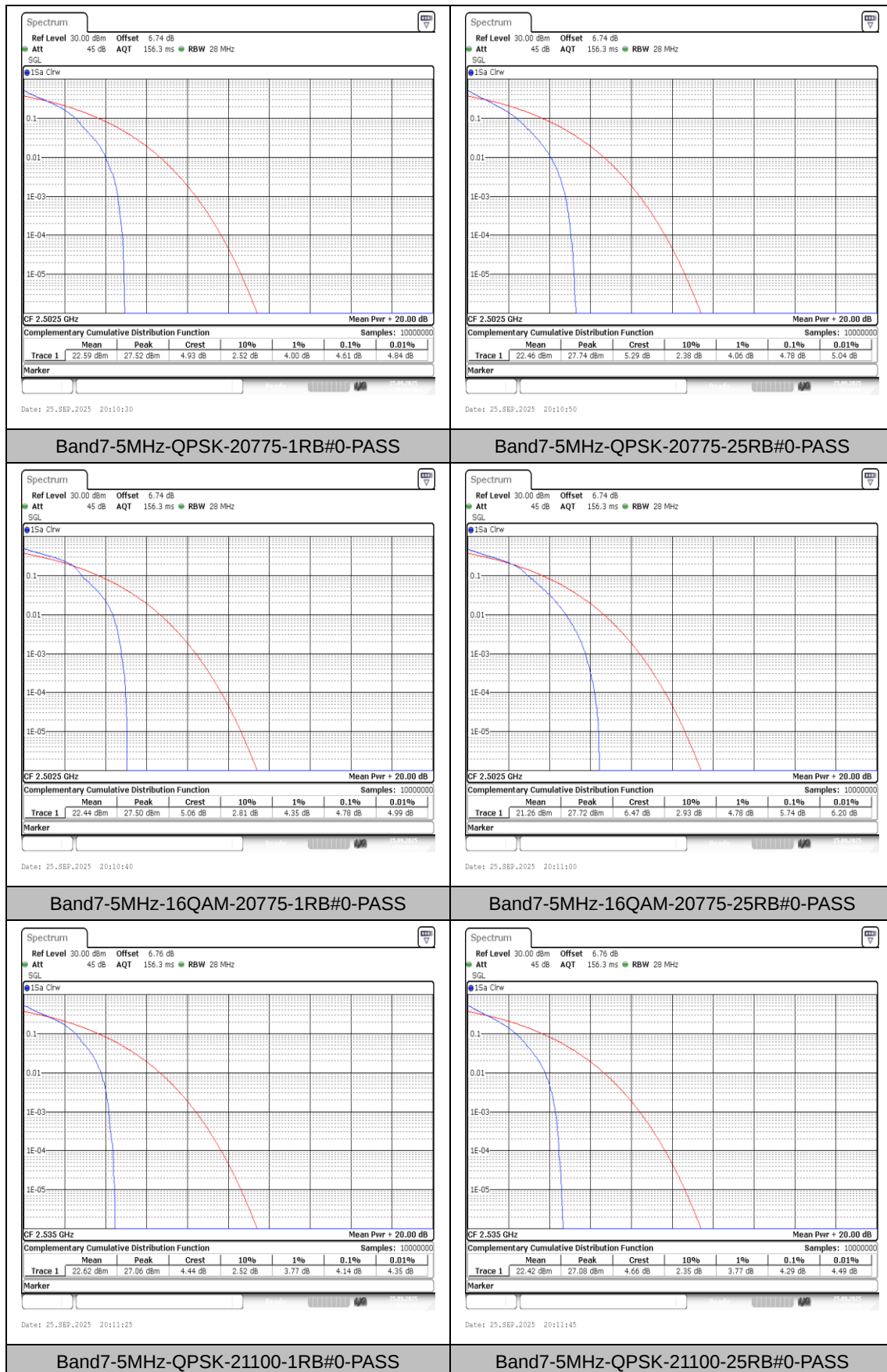
Band7	10MHz	16QAM	21400	25RB#12	22.09	PASS
Band7	10MHz	16QAM	21400	25RB#25	21.83	PASS

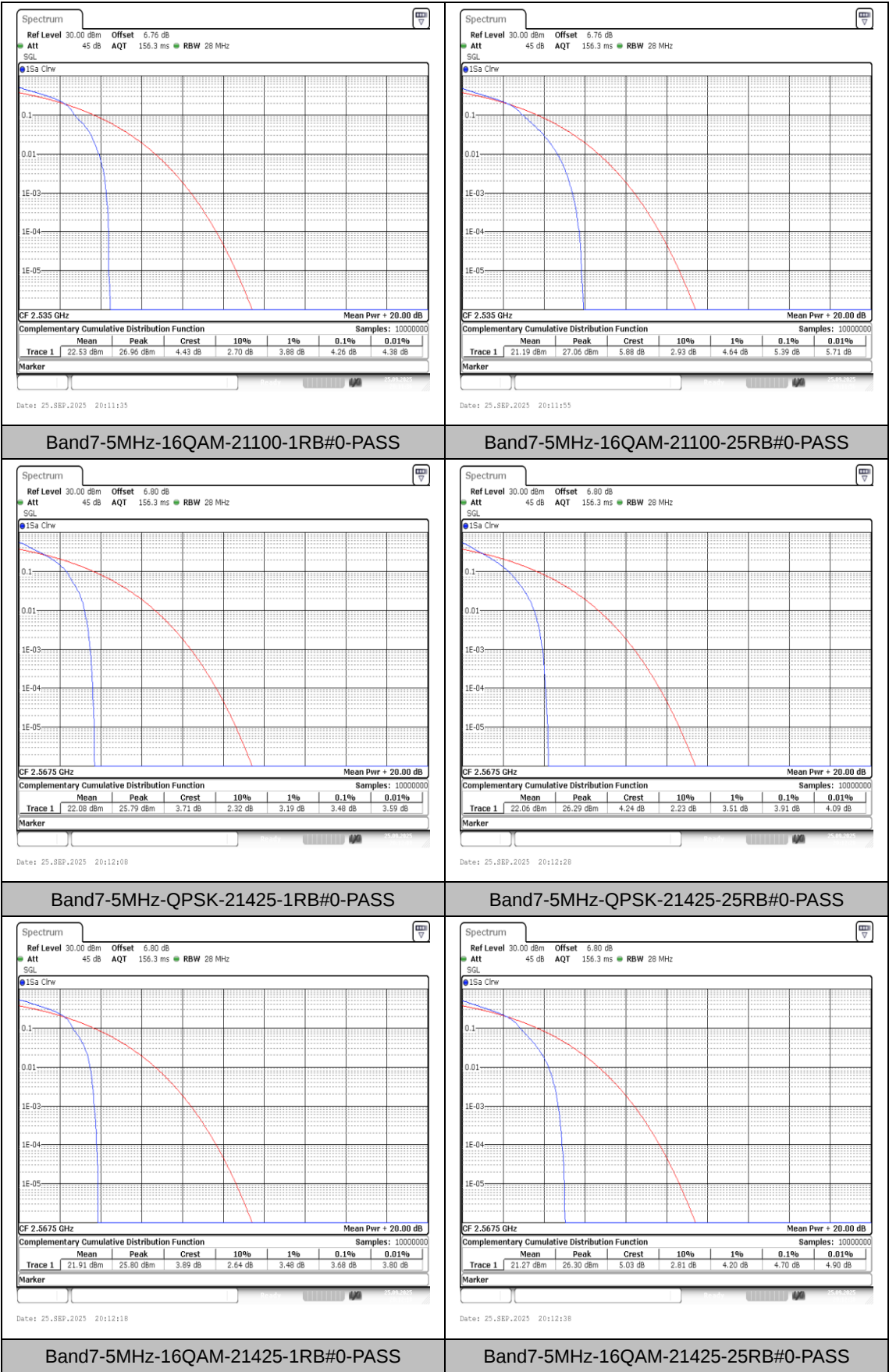
Appendix B: Peak-to-Average Ratio(CCDF)

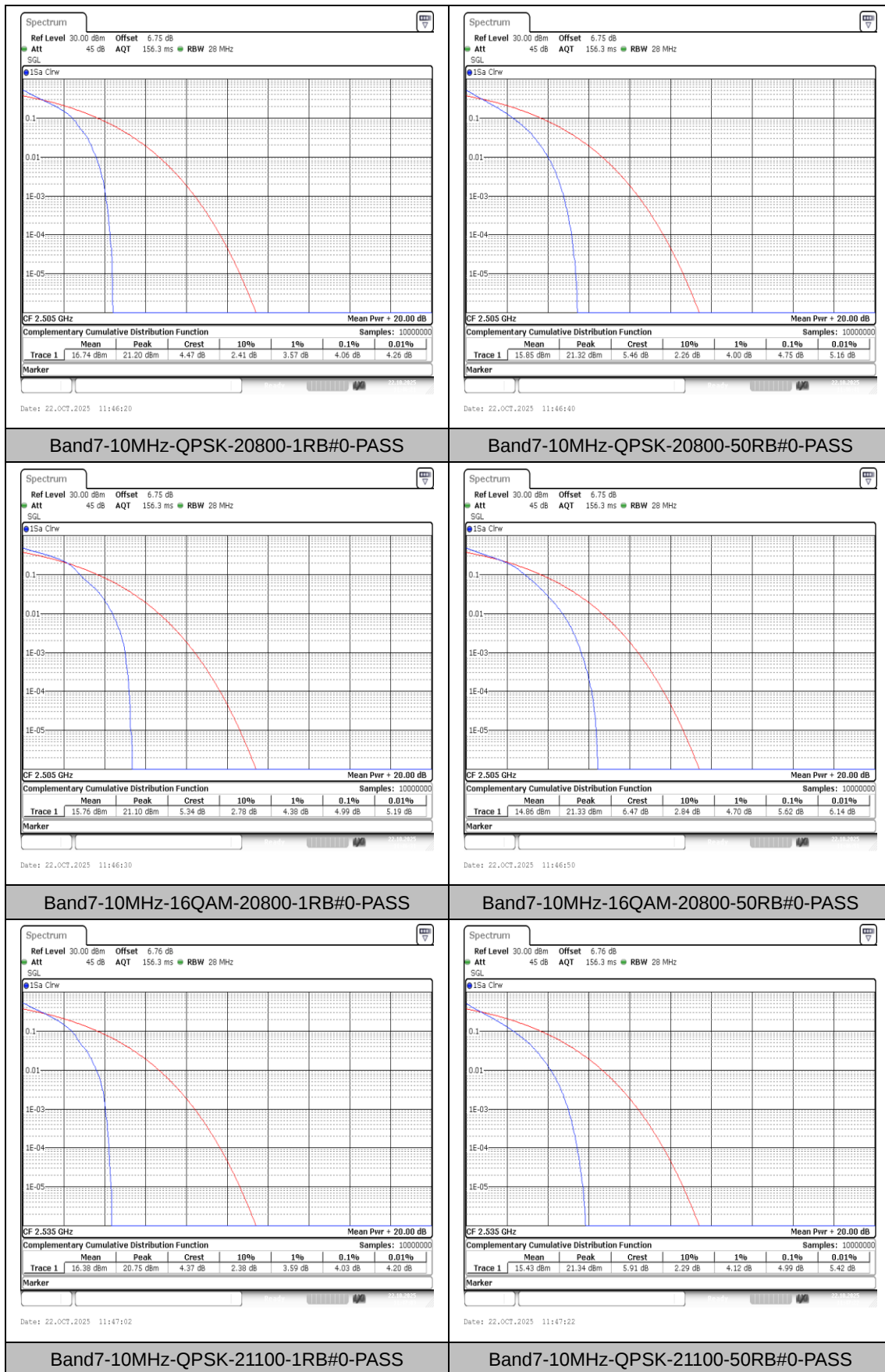
Test Result

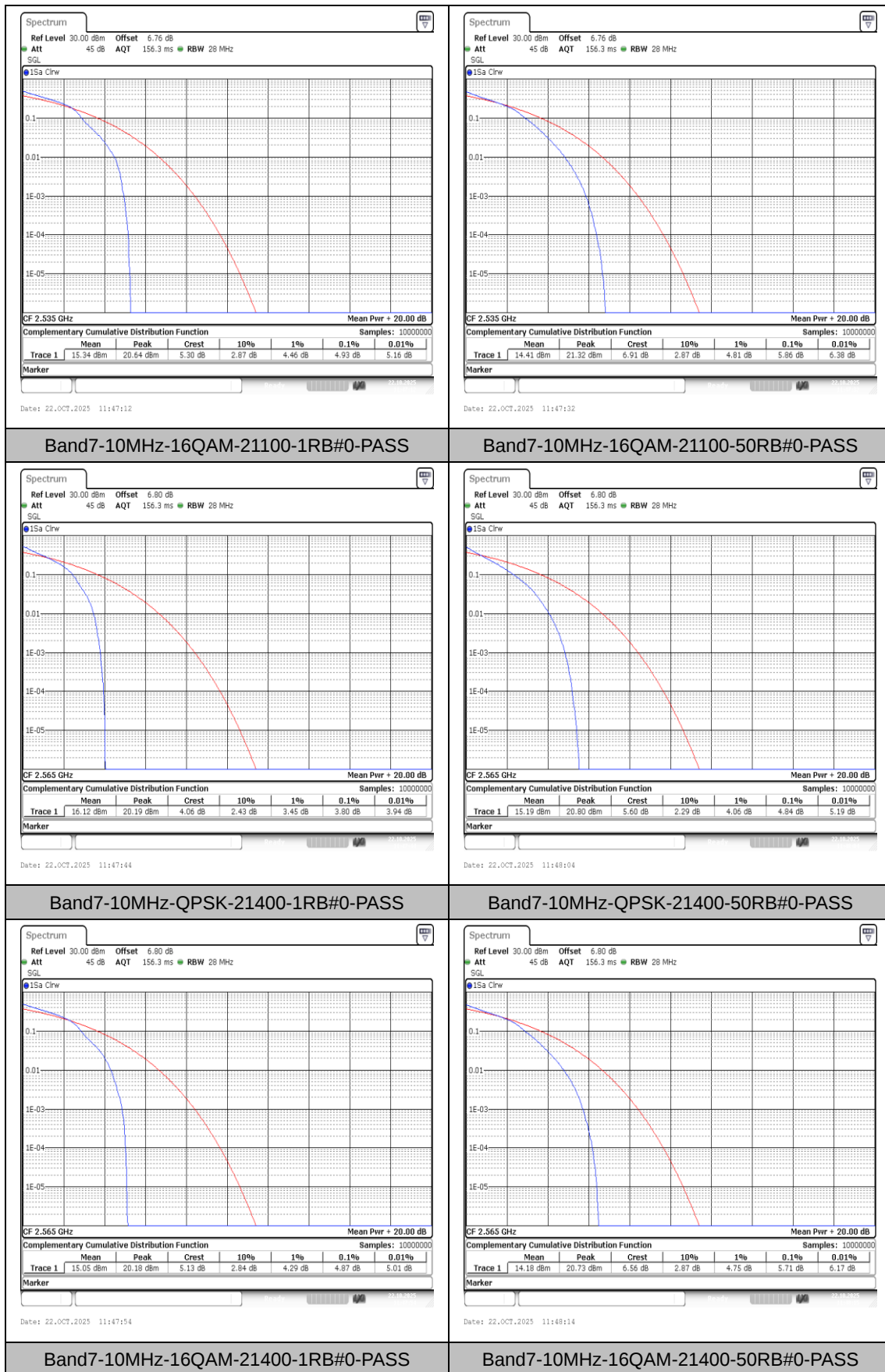
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	4.61	13	PASS
Band7	5MHz	QPSK	20775	25RB#0	4.78	13	PASS
Band7	5MHz	16QAM	20775	1RB#0	4.78	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	5.74	13	PASS
Band7	5MHz	QPSK	21100	1RB#0	4.14	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.29	13	PASS
Band7	5MHz	16QAM	21100	1RB#0	4.26	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	5.39	13	PASS
Band7	5MHz	QPSK	21425	1RB#0	3.48	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	3.91	13	PASS
Band7	5MHz	16QAM	21425	1RB#0	3.68	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.70	13	PASS
Band7	10MHz	QPSK	20800	1RB#0	4.06	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	4.75	13	PASS
Band7	10MHz	16QAM	20800	1RB#0	4.99	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	5.62	13	PASS
Band7	10MHz	QPSK	21100	1RB#0	4.03	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	4.99	13	PASS
Band7	10MHz	16QAM	21100	1RB#0	4.93	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	5.86	13	PASS
Band7	10MHz	QPSK	21400	1RB#0	3.80	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	4.84	13	PASS
Band7	10MHz	16QAM	21400	1RB#0	4.87	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	5.71	13	PASS

Test Graphs







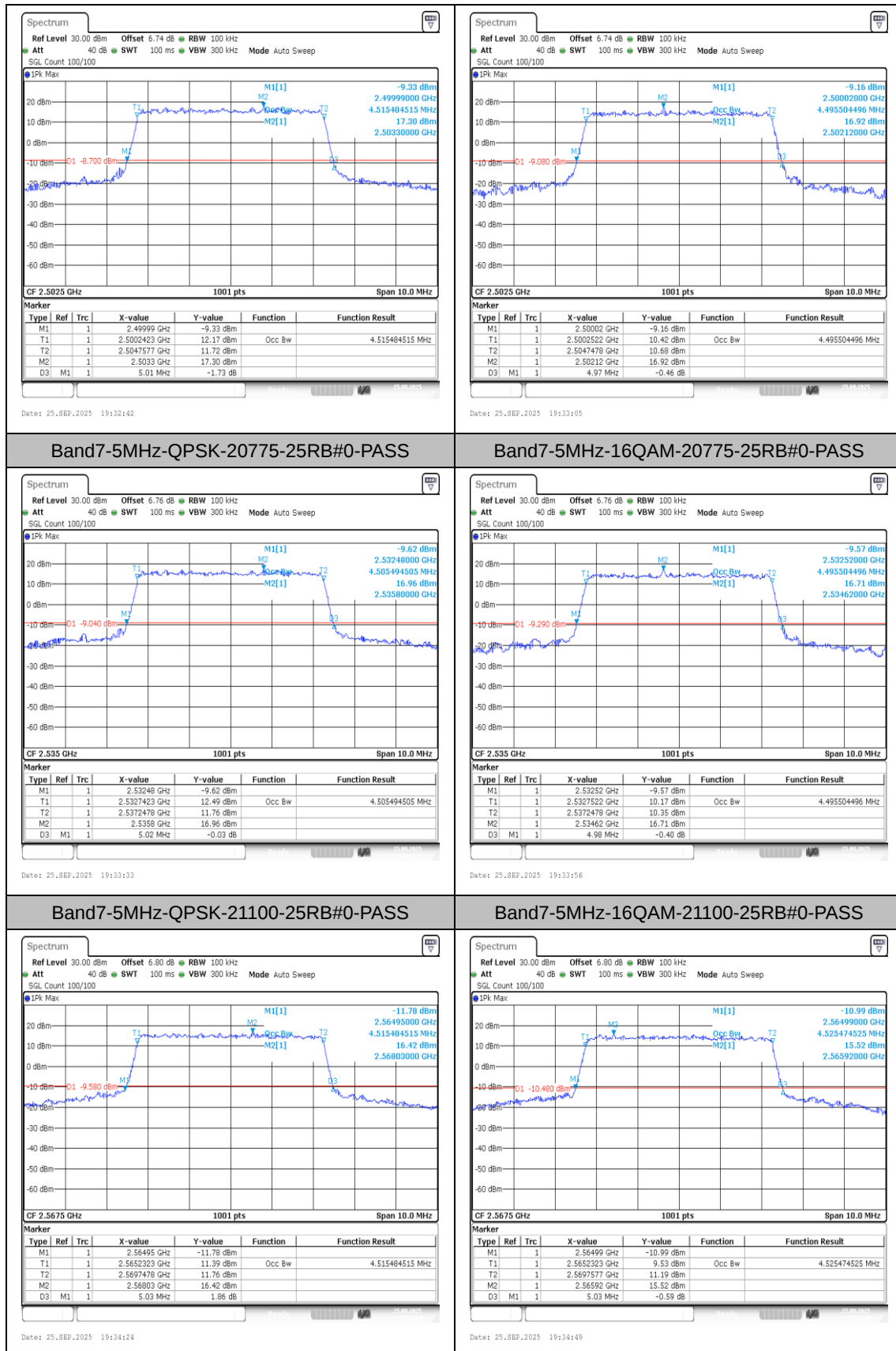


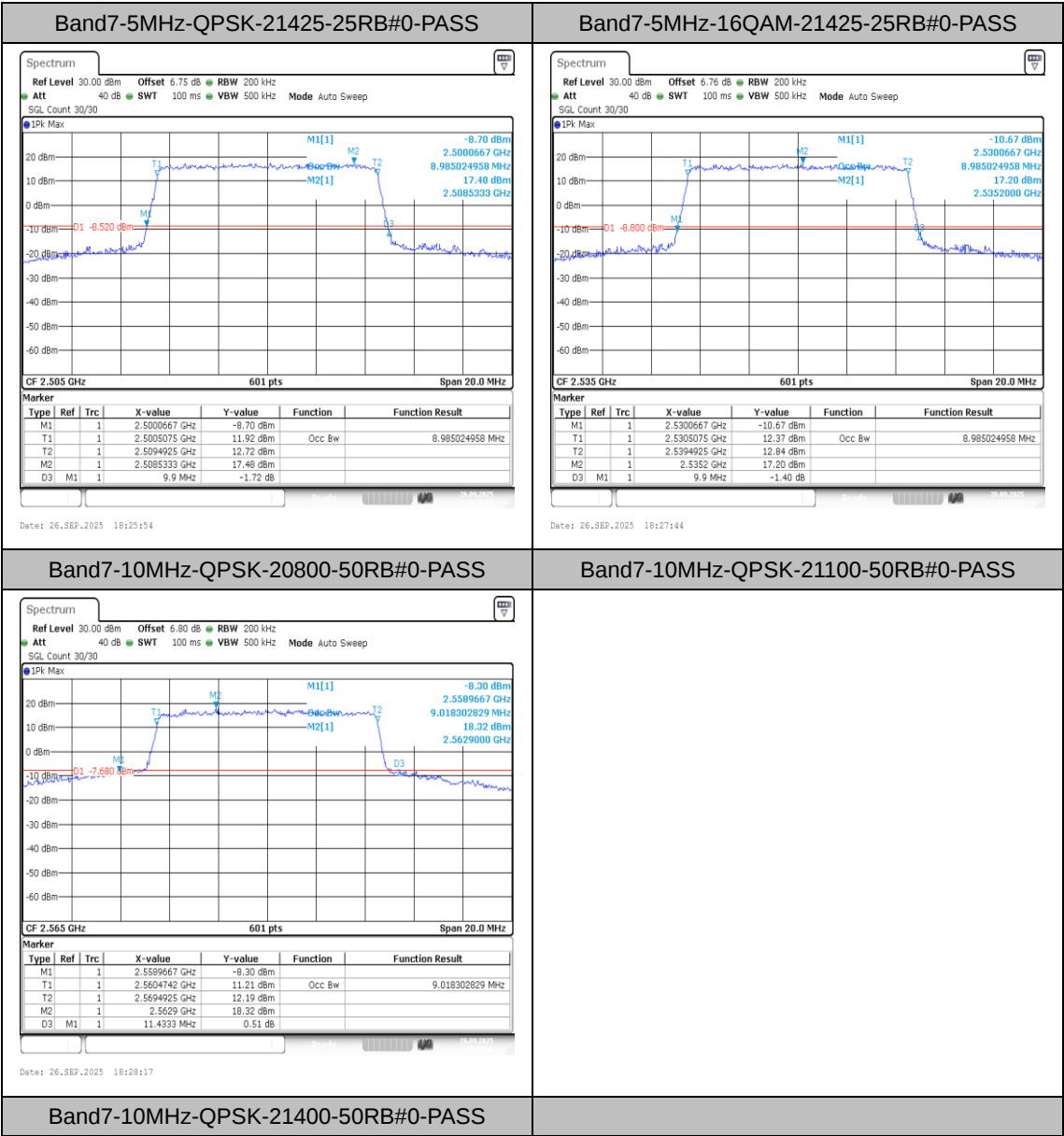
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.515	5.01	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.496	4.97	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.505	5.02	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.496	4.98	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.515	5.03	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.525	5.03	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.985	9.90	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.985	9.90	PASS
Band7	10MHz	QPSK	21400	50RB#0	9.018	11.43	PASS

Test Graphs



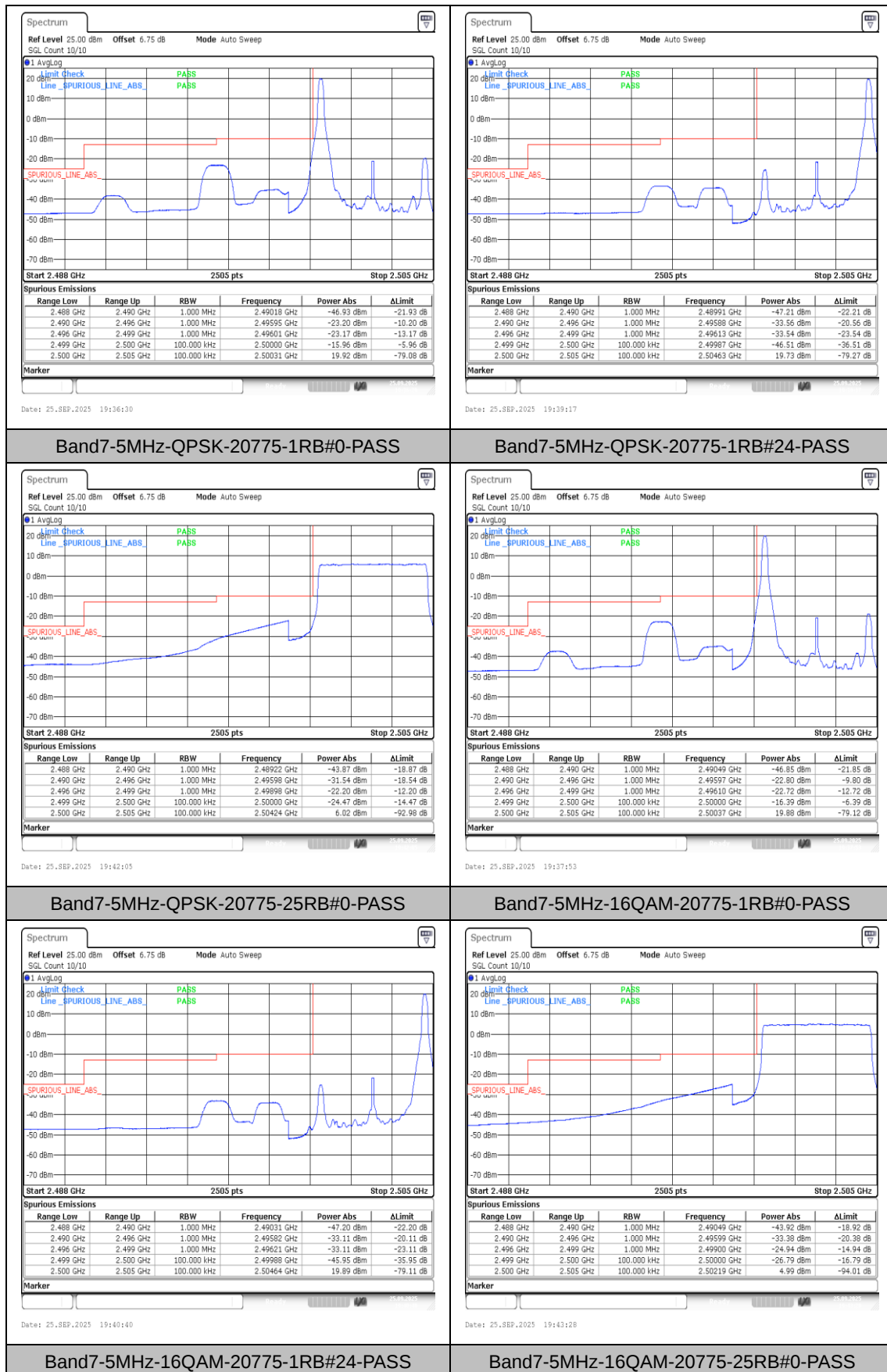


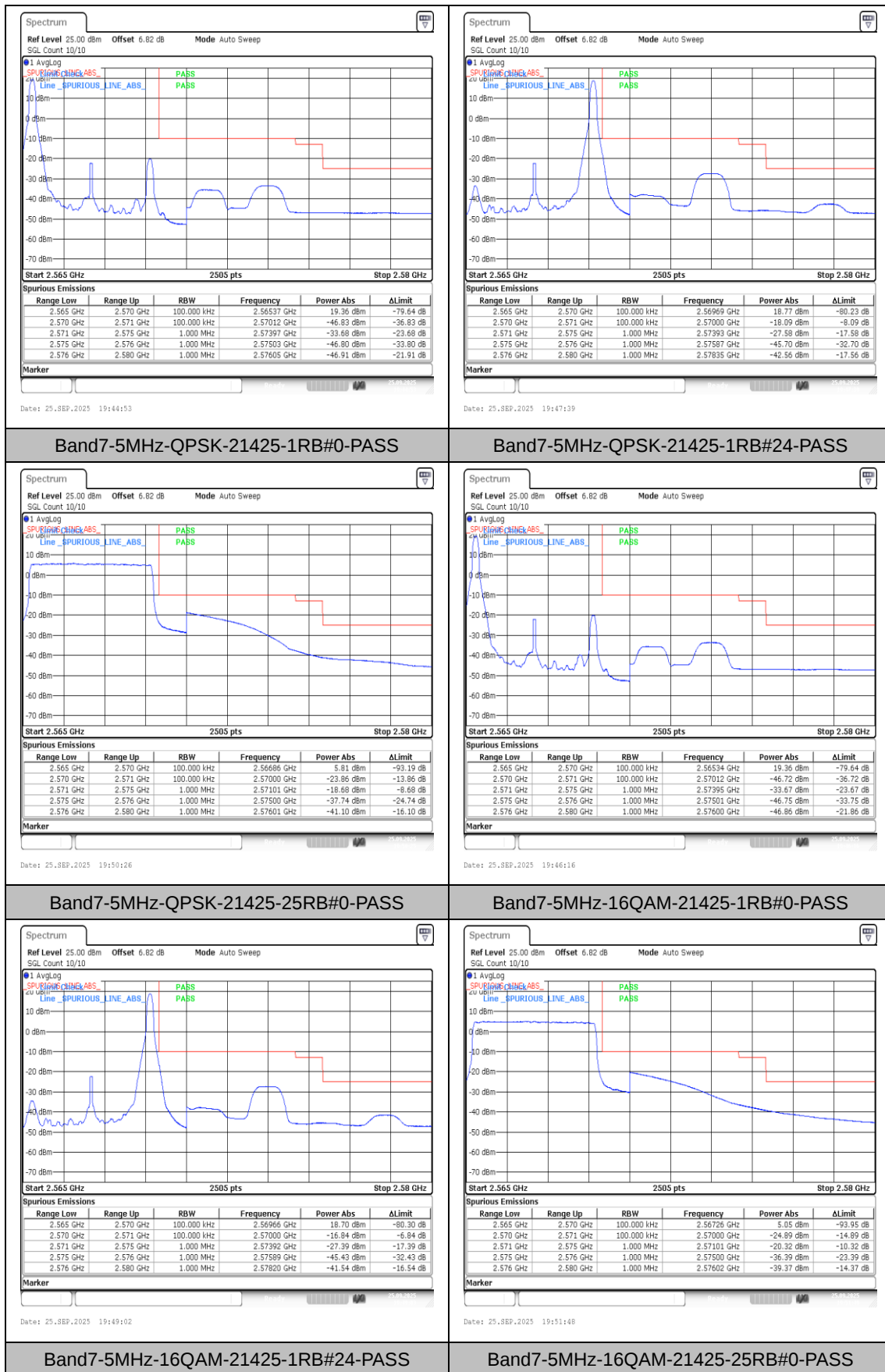
Appendix D: Band Edge

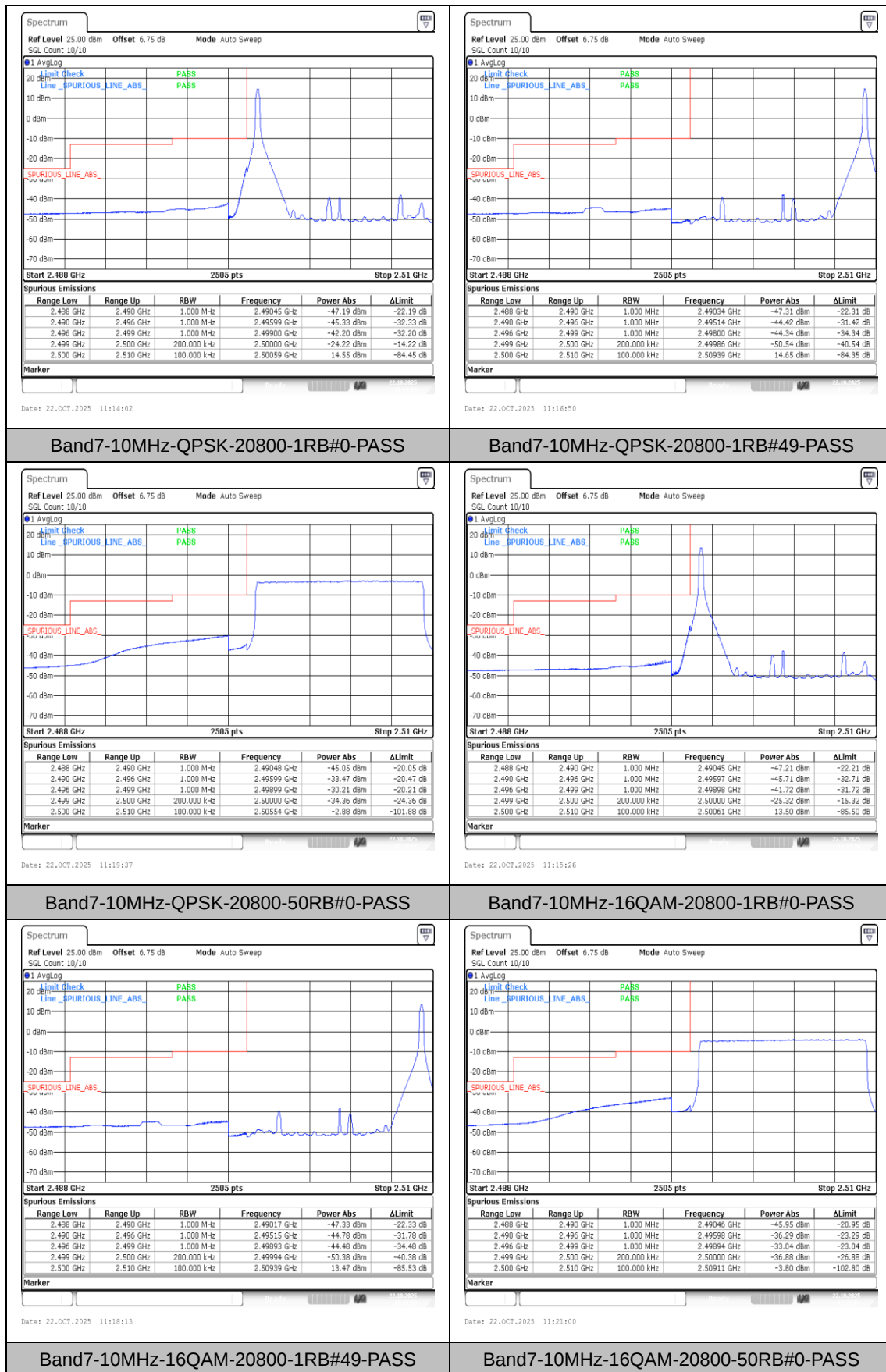
Test Result

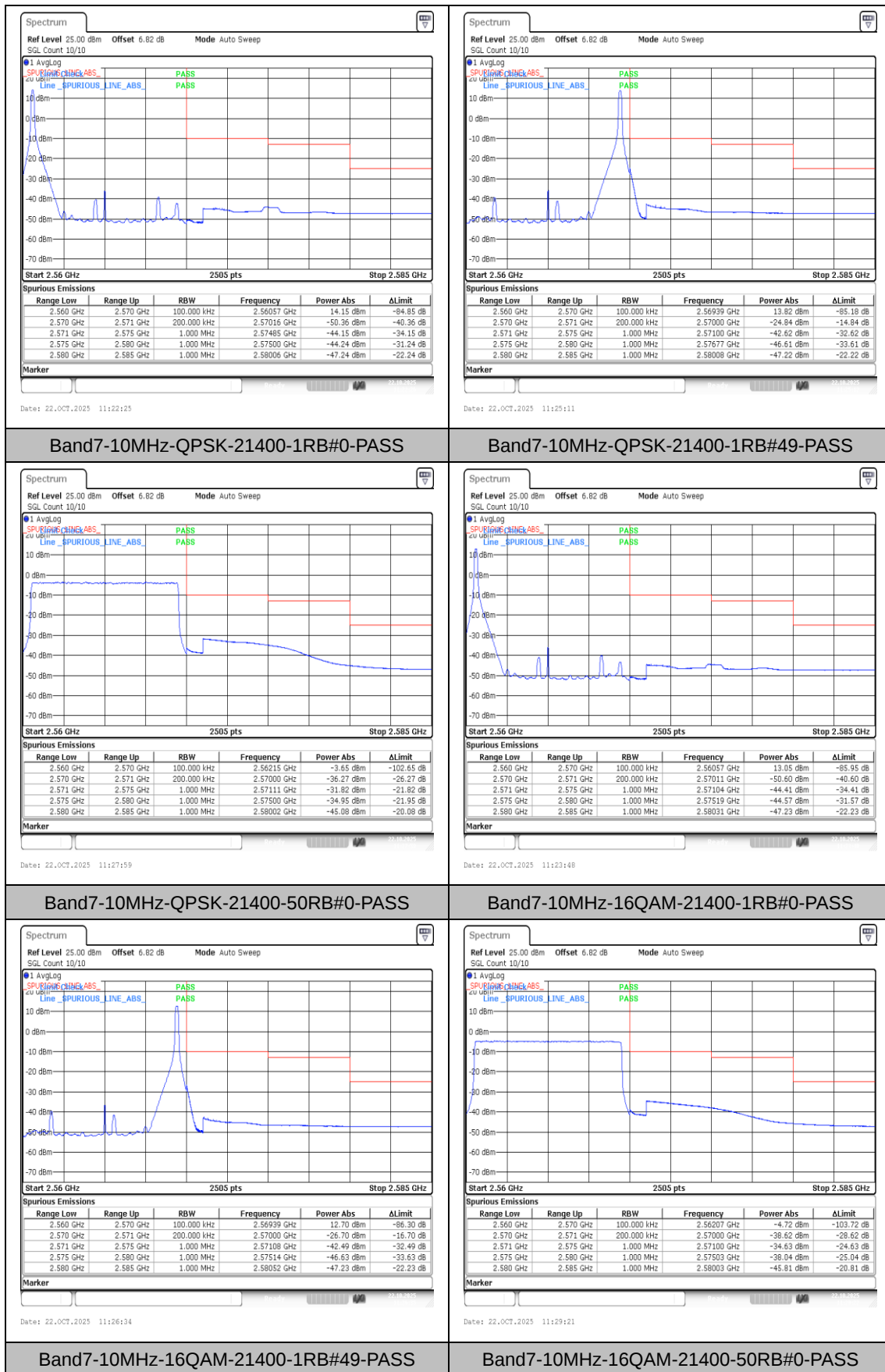
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	-15.96	PASS
Band7	5MHz	QPSK	20775	1RB#24	-33.56	PASS
Band7	5MHz	QPSK	20775	25RB#0	-22.20	PASS
Band7	5MHz	16QAM	20775	1RB#0	-16.39	PASS
Band7	5MHz	16QAM	20775	1RB#24	-33.11	PASS
Band7	5MHz	16QAM	20775	25RB#0	-24.94	PASS
Band7	5MHz	QPSK	21425	1RB#0	-46.91	PASS
Band7	5MHz	QPSK	21425	1RB#24	-18.09	PASS
Band7	5MHz	QPSK	21425	25RB#0	-18.68	PASS
Band7	5MHz	16QAM	21425	1RB#0	-46.86	PASS
Band7	5MHz	16QAM	21425	1RB#24	-16.84	PASS
Band7	5MHz	16QAM	21425	25RB#0	-20.32	PASS
Band7	10MHz	QPSK	20800	1RB#0	-24.22	PASS
Band7	10MHz	QPSK	20800	1RB#49	-47.31	PASS
Band7	10MHz	QPSK	20800	50RB#0	-45.05	PASS
Band7	10MHz	16QAM	20800	1RB#0	-25.32	PASS
Band7	10MHz	16QAM	20800	1RB#49	-47.33	PASS
Band7	10MHz	16QAM	20800	50RB#0	-45.95	PASS
Band7	10MHz	QPSK	21400	1RB#0	-47.24	PASS
Band7	10MHz	QPSK	21400	1RB#49	-24.84	PASS
Band7	10MHz	QPSK	21400	50RB#0	-45.08	PASS
Band7	10MHz	16QAM	21400	1RB#0	-47.23	PASS
Band7	10MHz	16QAM	21400	1RB#49	-26.70	PASS
Band7	10MHz	16QAM	21400	50RB#0	-45.81	PASS

Test Graphs









Appendix E: Conducted Spurious Emission

Test Result

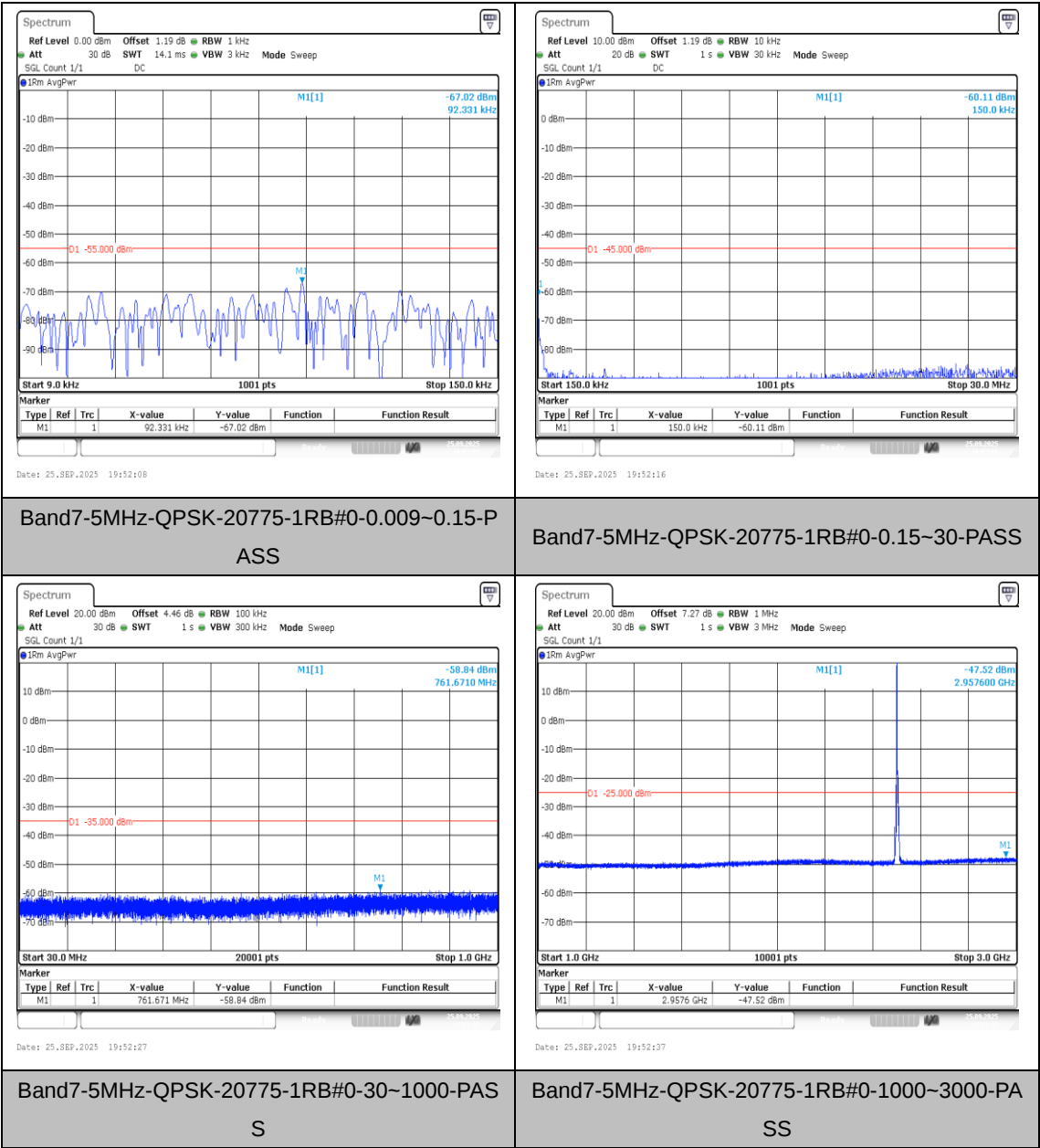
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	0.009~0.15	-67.02	PASS
Band7	5MHz	QPSK	20775	1RB#0	0.15~30	-60.11	PASS
Band7	5MHz	QPSK	20775	1RB#0	30~1000	-58.84	PASS
Band7	5MHz	QPSK	20775	1RB#0	1000~3000	-47.52	PASS
Band7	5MHz	QPSK	20775	1RB#0	3000~18000	-32.43	PASS
Band7	5MHz	QPSK	20775	1RB#0	18000~27000	-32.91	PASS
Band7	5MHz	16QAM	20775	1RB#0	0.009~0.15	-66.84	PASS
Band7	5MHz	16QAM	20775	1RB#0	0.15~30	-60.91	PASS
Band7	5MHz	16QAM	20775	1RB#0	30~1000	-59.11	PASS
Band7	5MHz	16QAM	20775	1RB#0	1000~3000	-47.55	PASS
Band7	5MHz	16QAM	20775	1RB#0	3000~18000	-32.87	PASS
Band7	5MHz	16QAM	20775	1RB#0	18000~27000	-32.65	PASS
Band7	5MHz	QPSK	21100	1RB#0	0.009~0.15	-66.91	PASS
Band7	5MHz	QPSK	21100	1RB#0	0.15~30	-59.50	PASS
Band7	5MHz	QPSK	21100	1RB#0	30~1000	-58.48	PASS
Band7	5MHz	QPSK	21100	1RB#0	1000~3000	-47.39	PASS
Band7	5MHz	QPSK	21100	1RB#0	3000~18000	-32.61	PASS
Band7	5MHz	QPSK	21100	1RB#0	18000~27000	-33.13	PASS
Band7	5MHz	16QAM	21100	1RB#0	0.009~0.15	-67.41	PASS
Band7	5MHz	16QAM	21100	1RB#0	0.15~30	-57.30	PASS
Band7	5MHz	16QAM	21100	1RB#0	30~1000	-58.42	PASS
Band7	5MHz	16QAM	21100	1RB#0	1000~3000	-47.55	PASS
Band7	5MHz	16QAM	21100	1RB#0	3000~18000	-33.14	PASS
Band7	5MHz	16QAM	21100	1RB#0	18000~27000	-32.72	PASS
Band7	5MHz	QPSK	21425	1RB#0	0.009~0.15	-69.73	PASS
Band7	5MHz	QPSK	21425	1RB#0	0.15~30	-55.88	PASS
Band7	5MHz	QPSK	21425	1RB#0	30~1000	-57.79	PASS
Band7	5MHz	QPSK	21425	1RB#0	1000~3000	-47.51	PASS
Band7	5MHz	QPSK	21425	1RB#0	3000~18000	-32.71	PASS
Band7	5MHz	QPSK	21425	1RB#0	18000~27000	-33.03	PASS
Band7	5MHz	16QAM	21425	1RB#0	0.009~0.15	-68.43	PASS
Band7	5MHz	16QAM	21425	1RB#0	0.15~30	-58.73	PASS
Band7	5MHz	16QAM	21425	1RB#0	30~1000	-57.87	PASS
Band7	5MHz	16QAM	21425	1RB#0	1000~3000	-47.43	PASS
Band7	5MHz	16QAM	21425	1RB#0	3000~18000	-33.01	PASS

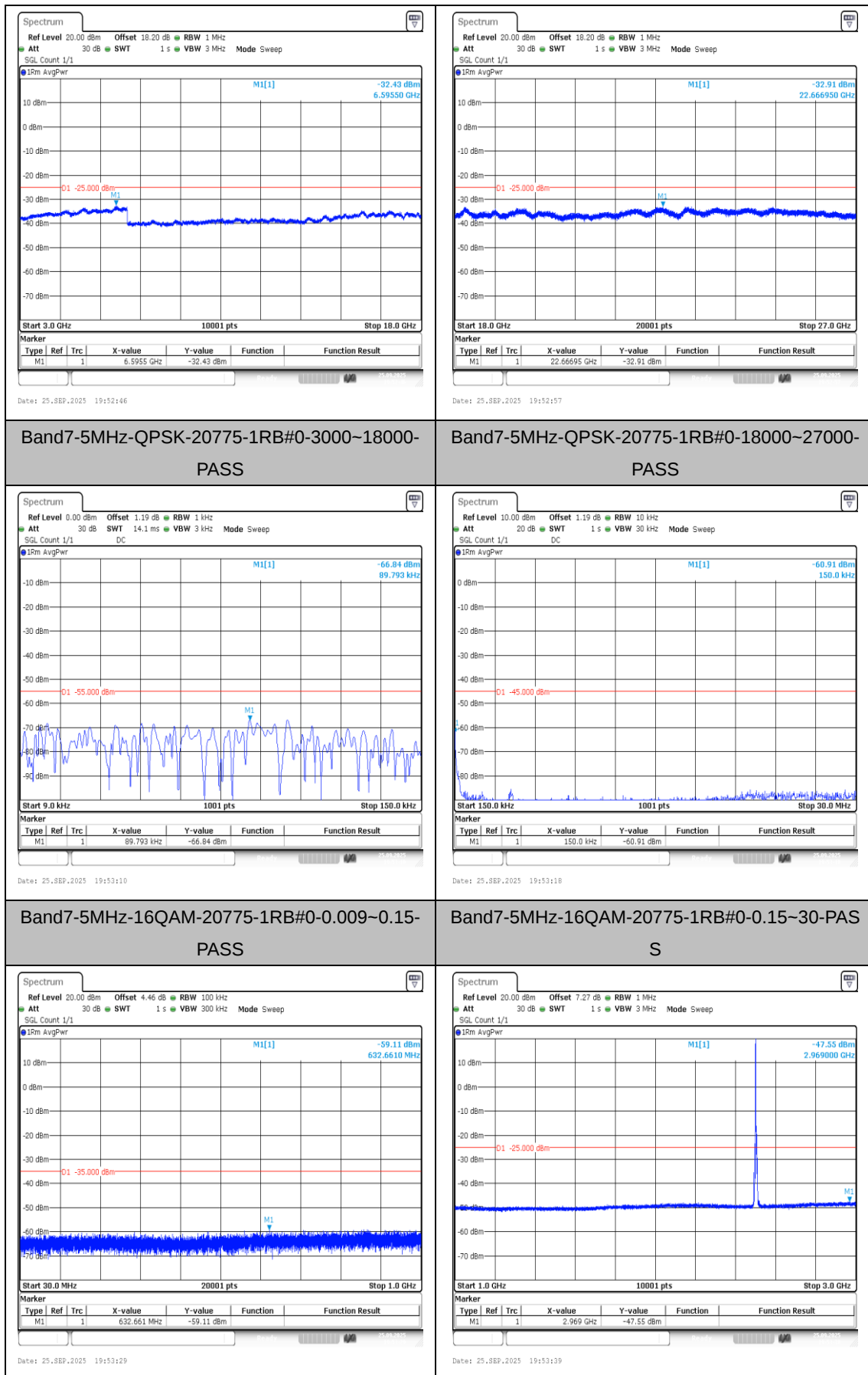
Waltek Testing Group (Shenzhen) Co., Ltd.

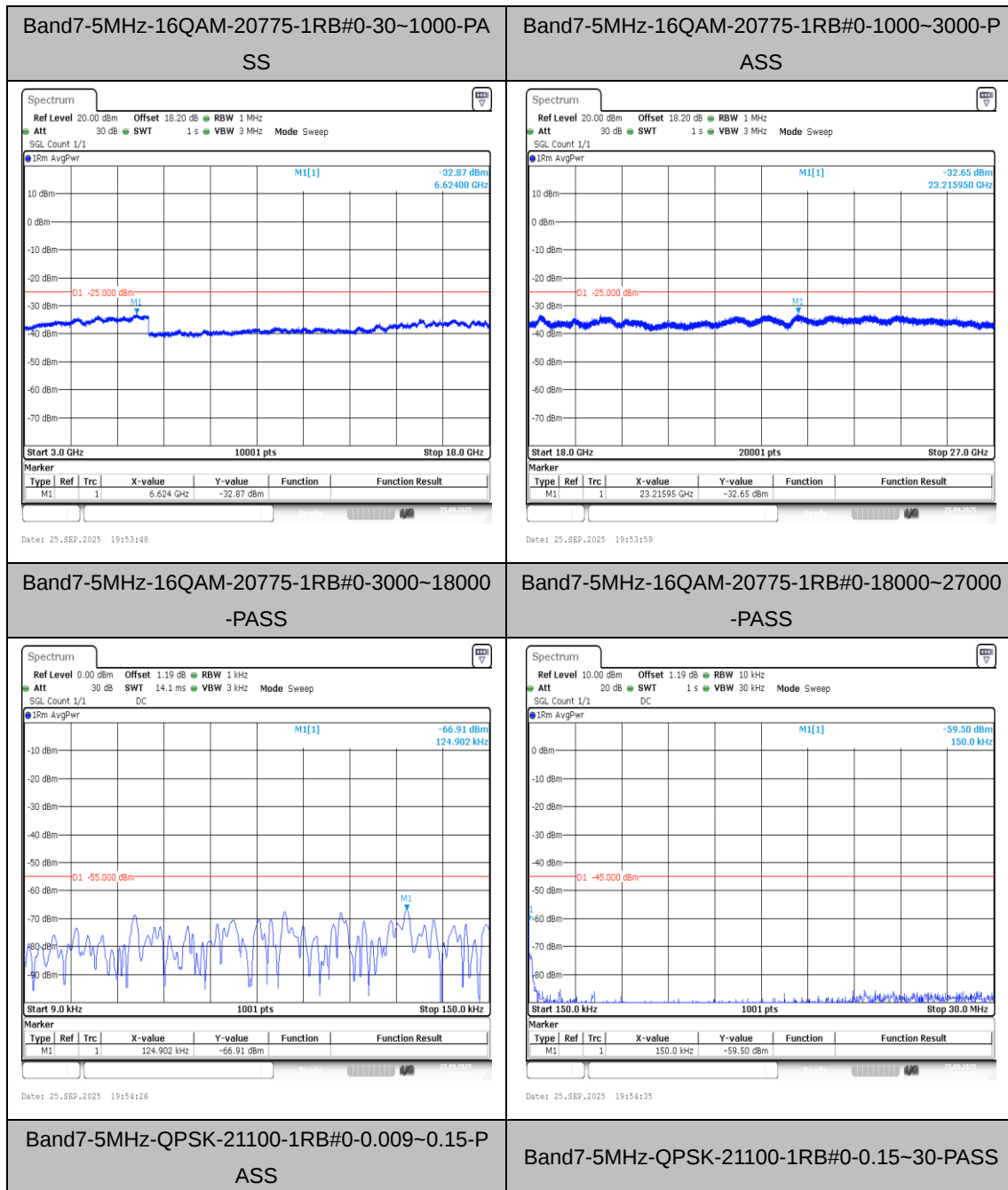
[Http://www.waltek.com.cn](http://www.waltek.com.cn)

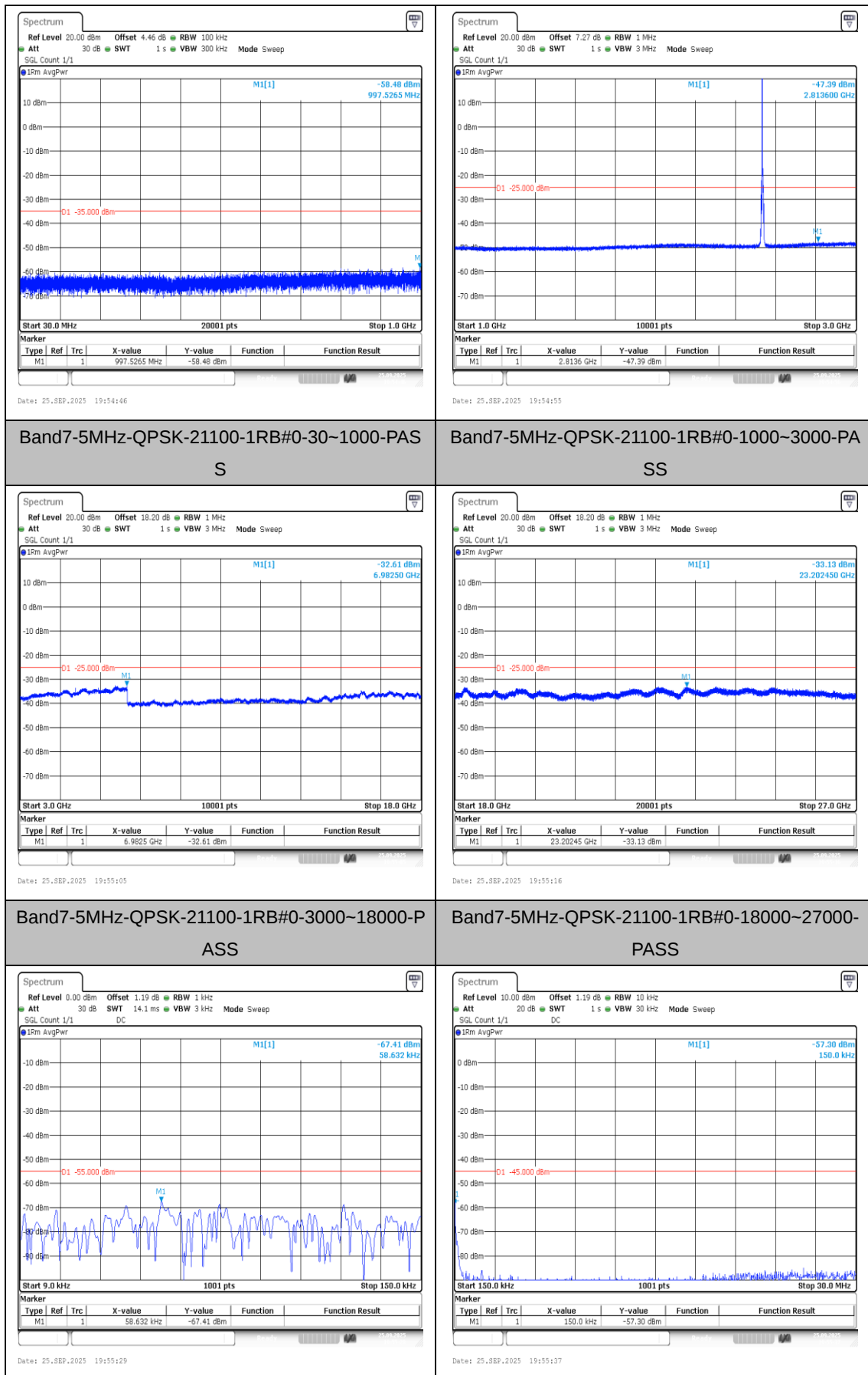
Band7	5MHz	16QAM	21425	1RB#0	18000~27000	-33.04	PASS
Band7	10MHz	QPSK	20800	1RB#0	0.009~0.15	-75.33	PASS
Band7	10MHz	QPSK	20800	1RB#0	0.15~30	-64.45	PASS
Band7	10MHz	QPSK	20800	1RB#0	30~1000	-58.20	PASS
Band7	10MHz	QPSK	20800	1RB#0	1000~3000	-47.29	PASS
Band7	10MHz	QPSK	20800	1RB#0	3000~18000	-33.05	PASS
Band7	10MHz	QPSK	20800	1RB#0	18000~27000	-32.78	PASS
Band7	10MHz	16QAM	20800	1RB#0	0.009~0.15	-73.85	PASS
Band7	10MHz	16QAM	20800	1RB#0	0.15~30	-65.20	PASS
Band7	10MHz	16QAM	20800	1RB#0	30~1000	-57.77	PASS
Band7	10MHz	16QAM	20800	1RB#0	1000~3000	-47.51	PASS
Band7	10MHz	16QAM	20800	1RB#0	3000~18000	-32.96	PASS
Band7	10MHz	16QAM	20800	1RB#0	18000~27000	-32.90	PASS
Band7	10MHz	QPSK	21100	1RB#0	0.009~0.15	-75.32	PASS
Band7	10MHz	QPSK	21100	1RB#0	0.15~30	-66.04	PASS
Band7	10MHz	QPSK	21100	1RB#0	30~1000	-58.37	PASS
Band7	10MHz	QPSK	21100	1RB#0	1000~3000	-47.67	PASS
Band7	10MHz	QPSK	21100	1RB#0	3000~18000	-33.03	PASS
Band7	10MHz	QPSK	21100	1RB#0	18000~27000	-32.96	PASS
Band7	10MHz	16QAM	21100	1RB#0	0.009~0.15	-76.50	PASS
Band7	10MHz	16QAM	21100	1RB#0	0.15~30	-64.93	PASS
Band7	10MHz	16QAM	21100	1RB#0	30~1000	-58.41	PASS
Band7	10MHz	16QAM	21100	1RB#0	1000~3000	-46.03	PASS
Band7	10MHz	16QAM	21100	1RB#0	3000~18000	-33.18	PASS
Band7	10MHz	16QAM	21100	1RB#0	18000~27000	-32.81	PASS
Band7	10MHz	QPSK	21400	1RB#0	0.009~0.15	-76.36	PASS
Band7	10MHz	QPSK	21400	1RB#0	0.15~30	-64.93	PASS
Band7	10MHz	QPSK	21400	1RB#0	30~1000	-58.68	PASS
Band7	10MHz	QPSK	21400	1RB#0	1000~3000	-46.73	PASS
Band7	10MHz	QPSK	21400	1RB#0	3000~18000	-32.93	PASS
Band7	10MHz	QPSK	21400	1RB#0	18000~27000	-32.83	PASS
Band7	10MHz	16QAM	21400	1RB#0	0.009~0.15	-75.61	PASS
Band7	10MHz	16QAM	21400	1RB#0	0.15~30	-65.16	PASS
Band7	10MHz	16QAM	21400	1RB#0	30~1000	-58.66	PASS
Band7	10MHz	16QAM	21400	1RB#0	1000~3000	-46.44	PASS
Band7	10MHz	16QAM	21400	1RB#0	3000~18000	-32.83	PASS
Band7	10MHz	16QAM	21400	1RB#0	18000~27000	-33.21	PASS

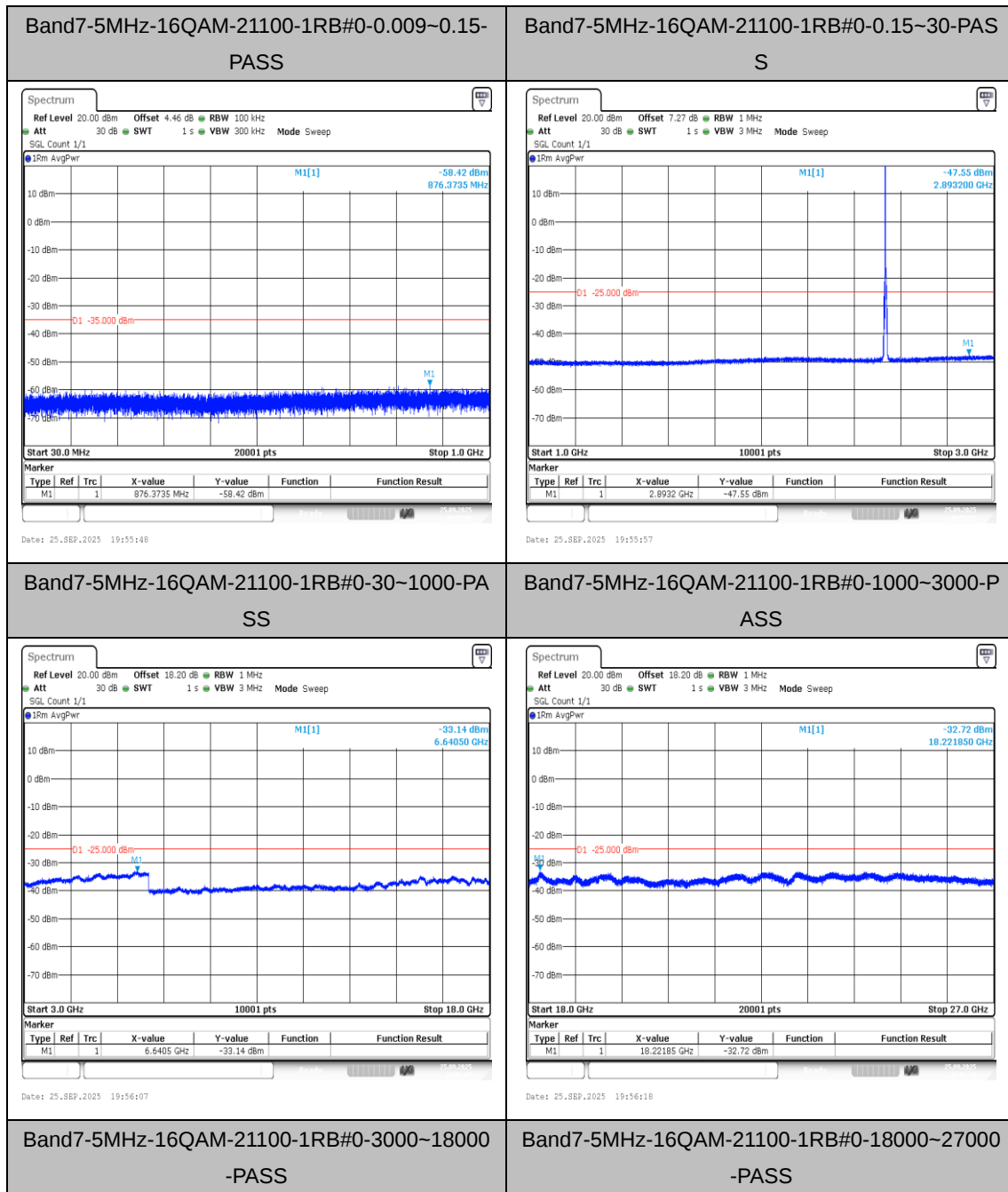
Test Graphs

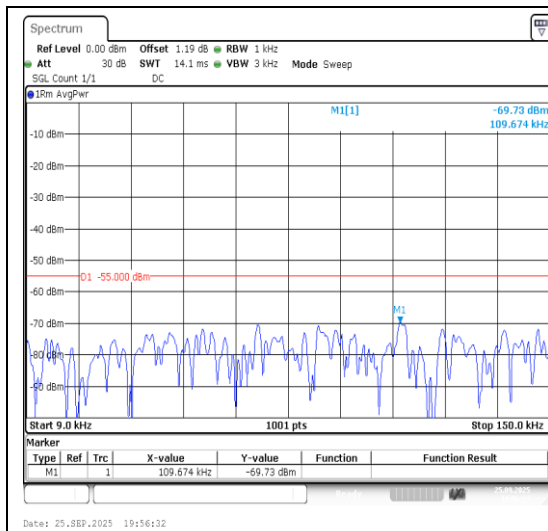




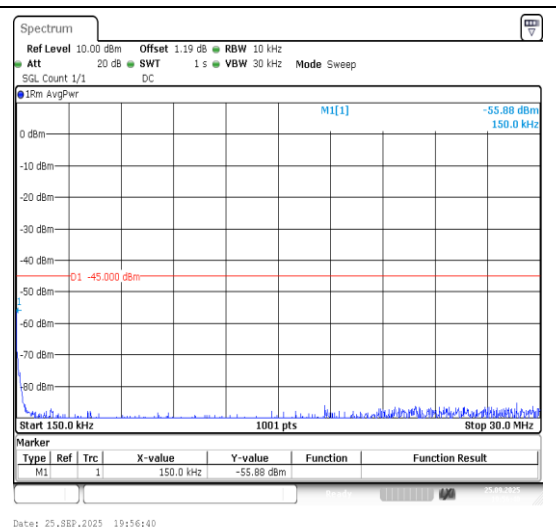




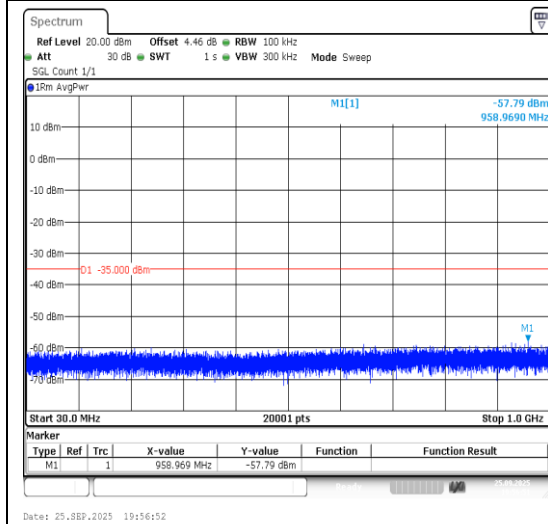




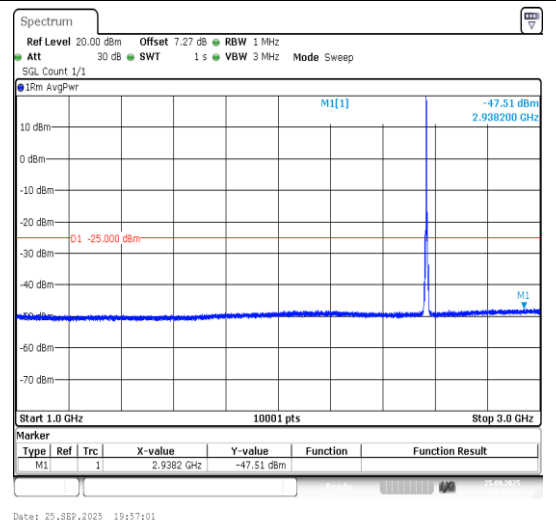
Band7-5MHz-QPSK-21425-1RB#0-0.009~0.15-P
ASS



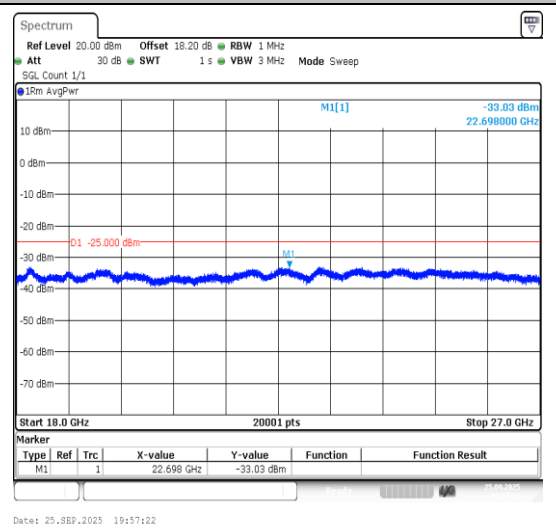
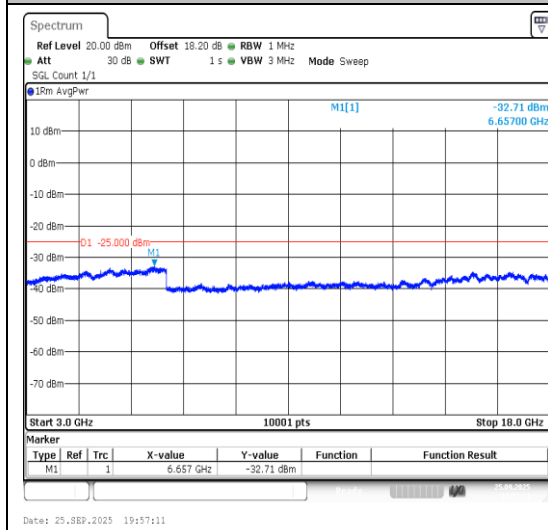
Band7-5MHz-QPSK-21425-1RB#0-0.15~30-PASS

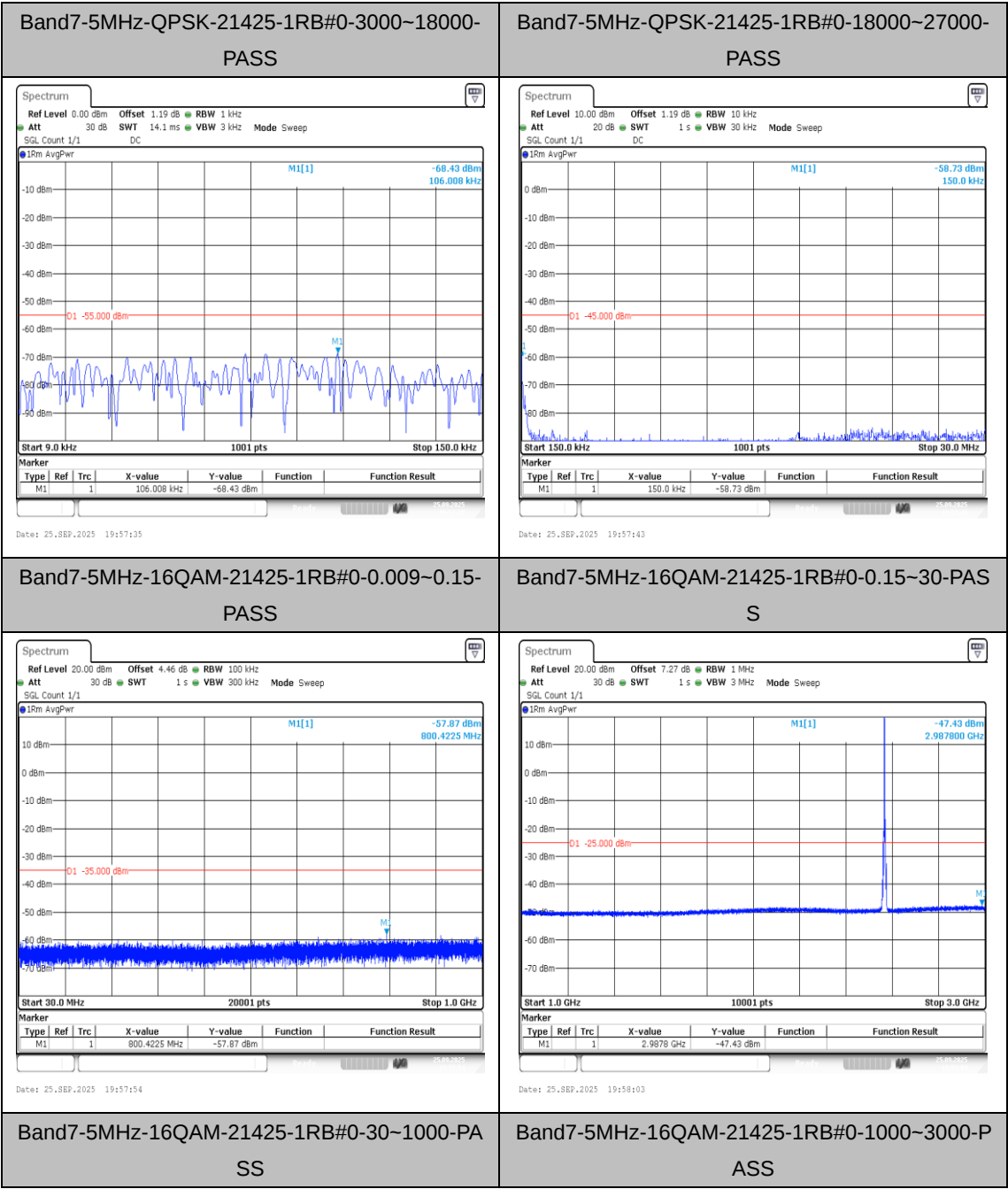


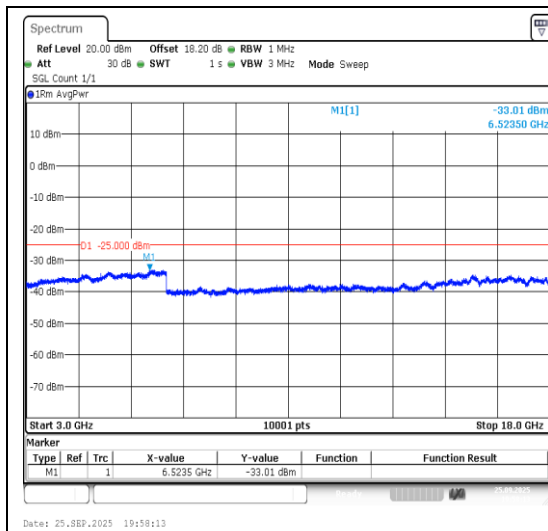
Band7-5MHz-QPSK-21425-1RB#0-30~1000-PAS
S



Band7-5MHz-QPSK-21425-1RB#0-1000~3000-PASS
SS

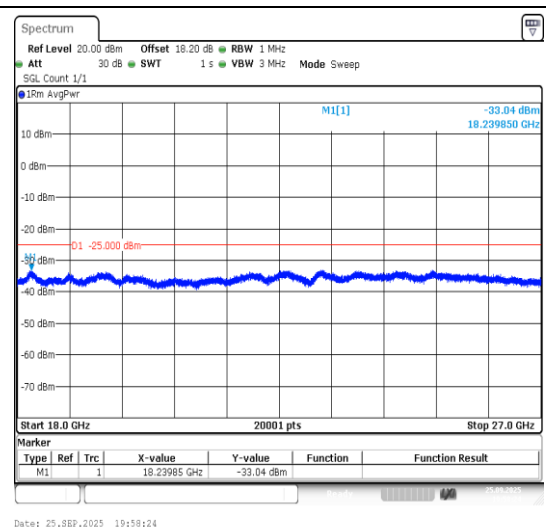






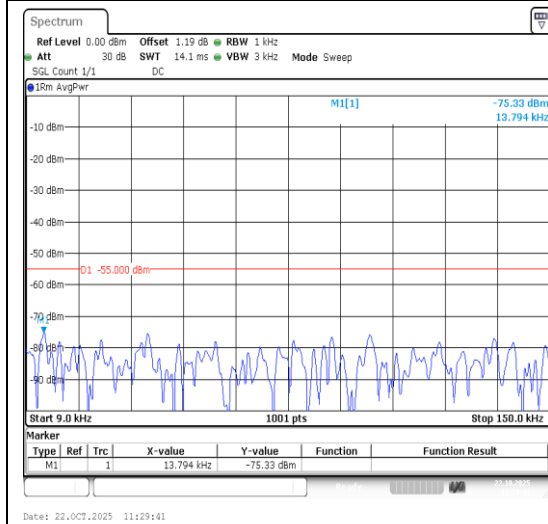
Band7-5MHz-16QAM-21425-1RB#0-3000~18000

-PASS



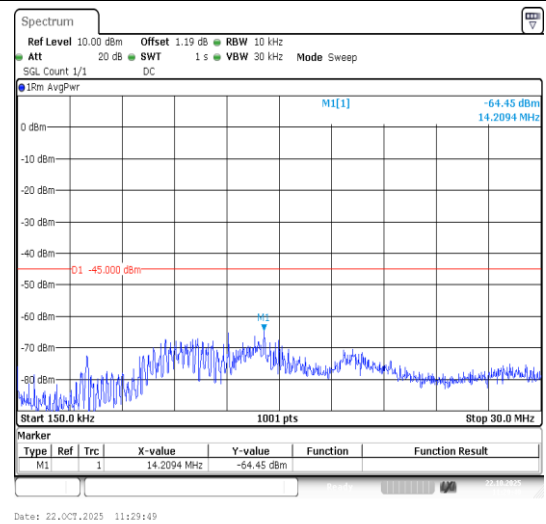
Band7-5MHz-16QAM-21425-1RB#0-18000~27000

-PASS



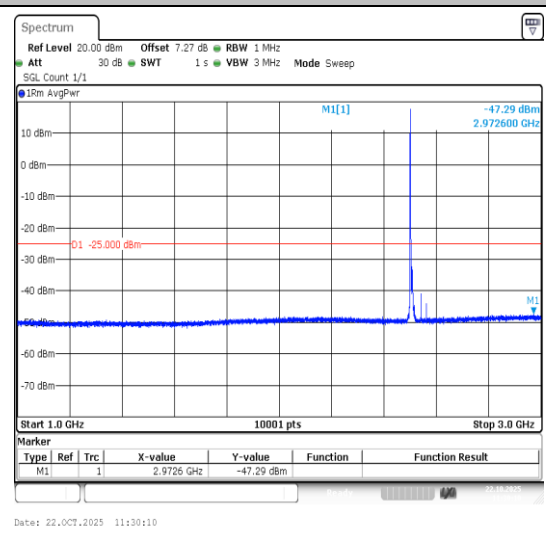
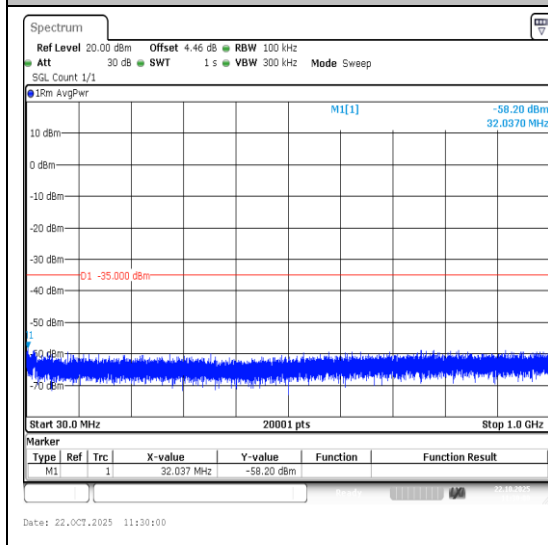
Band7-10MHz-QPSK-20800-1RB#0-0.009~0.15-

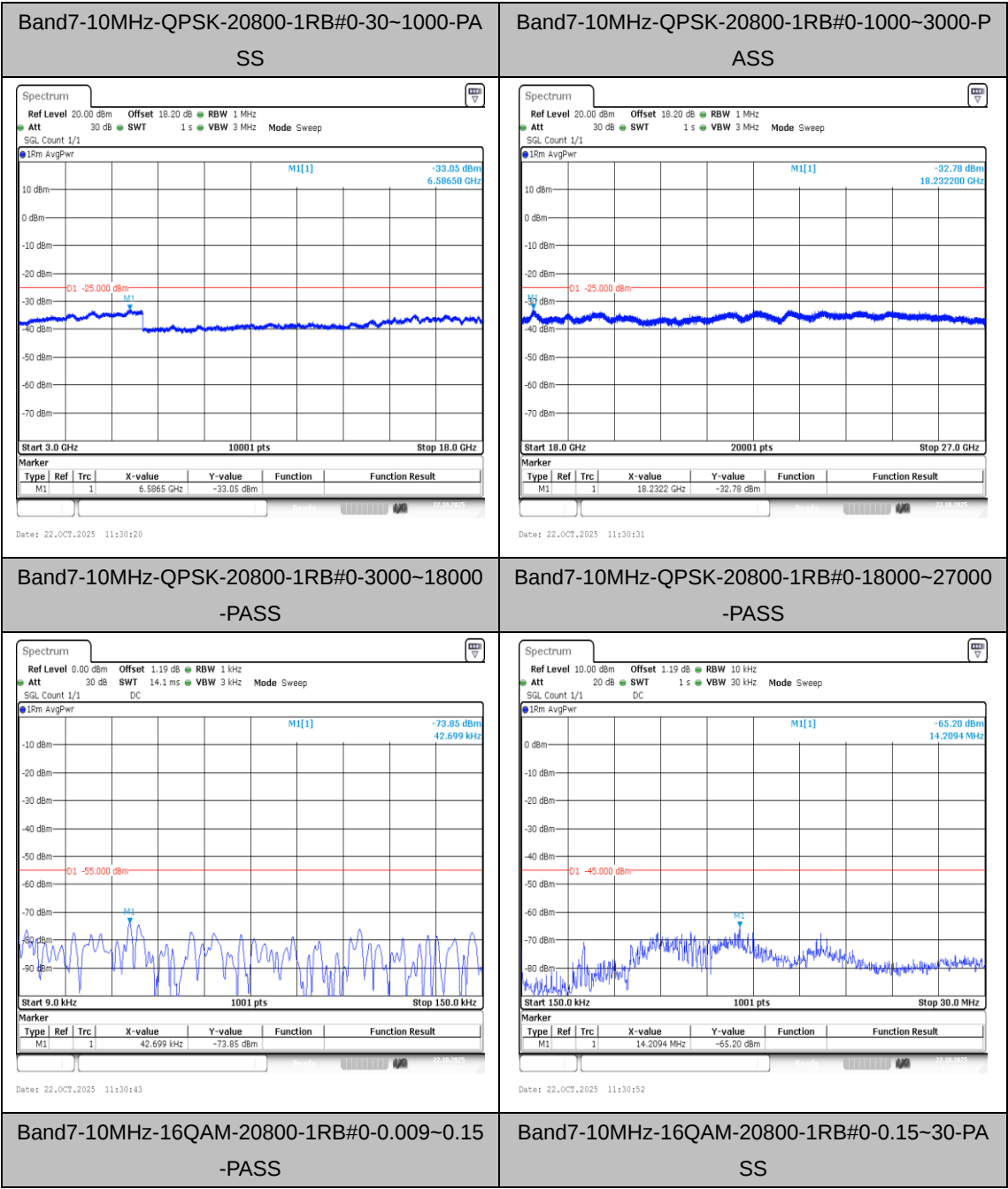
PASS

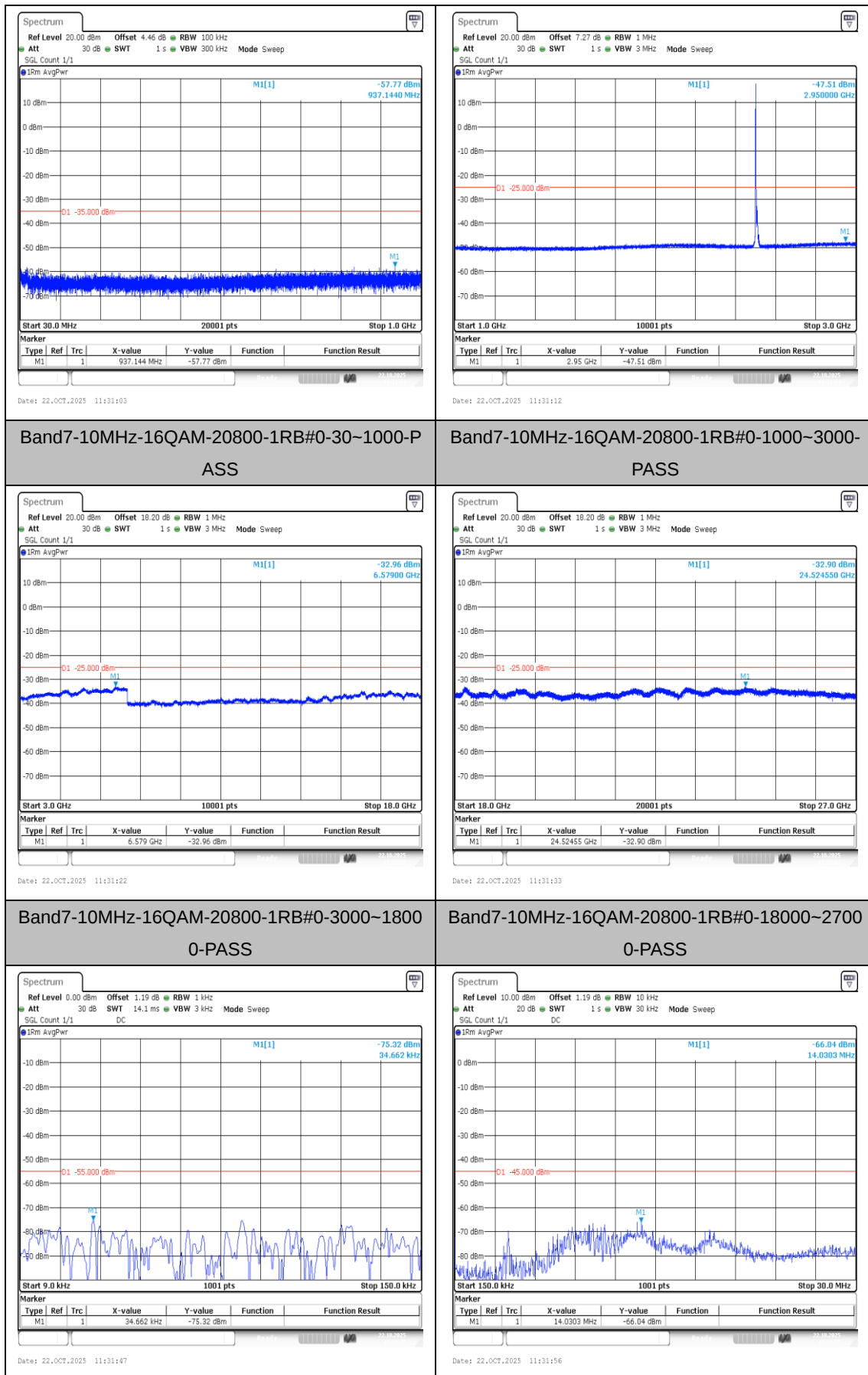


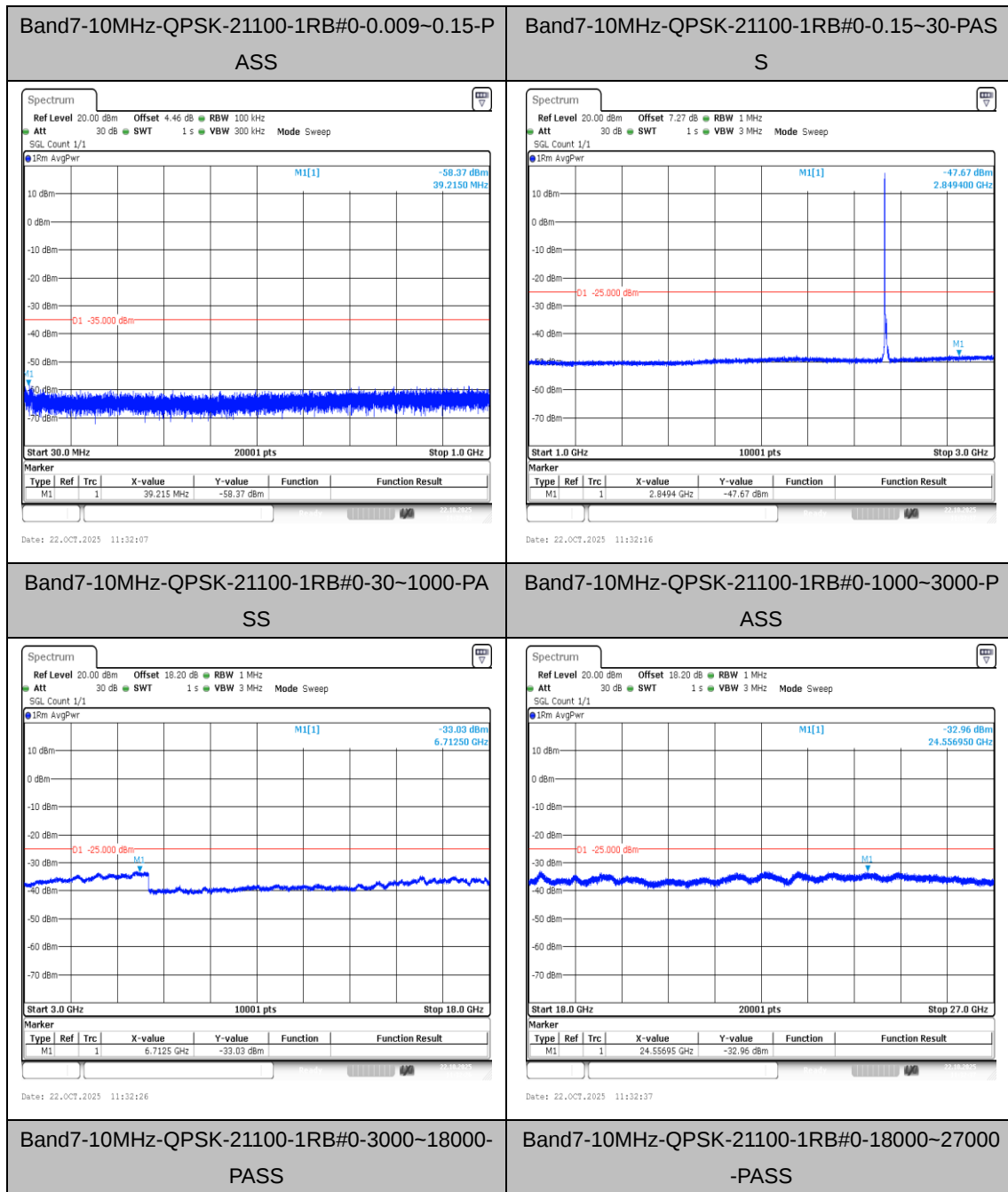
Band7-10MHz-QPSK-20800-1RB#0-0.15~30-PAS

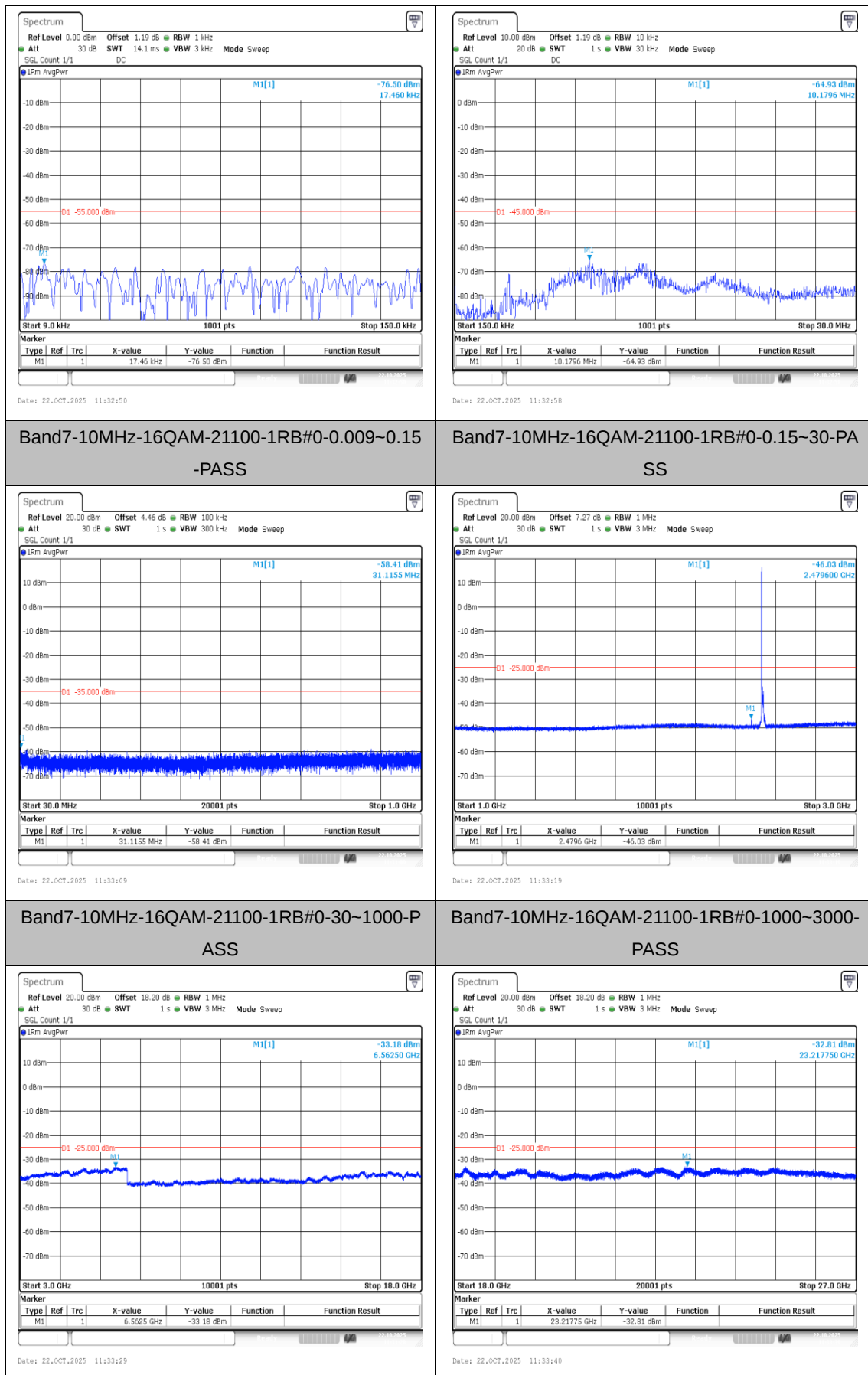
S

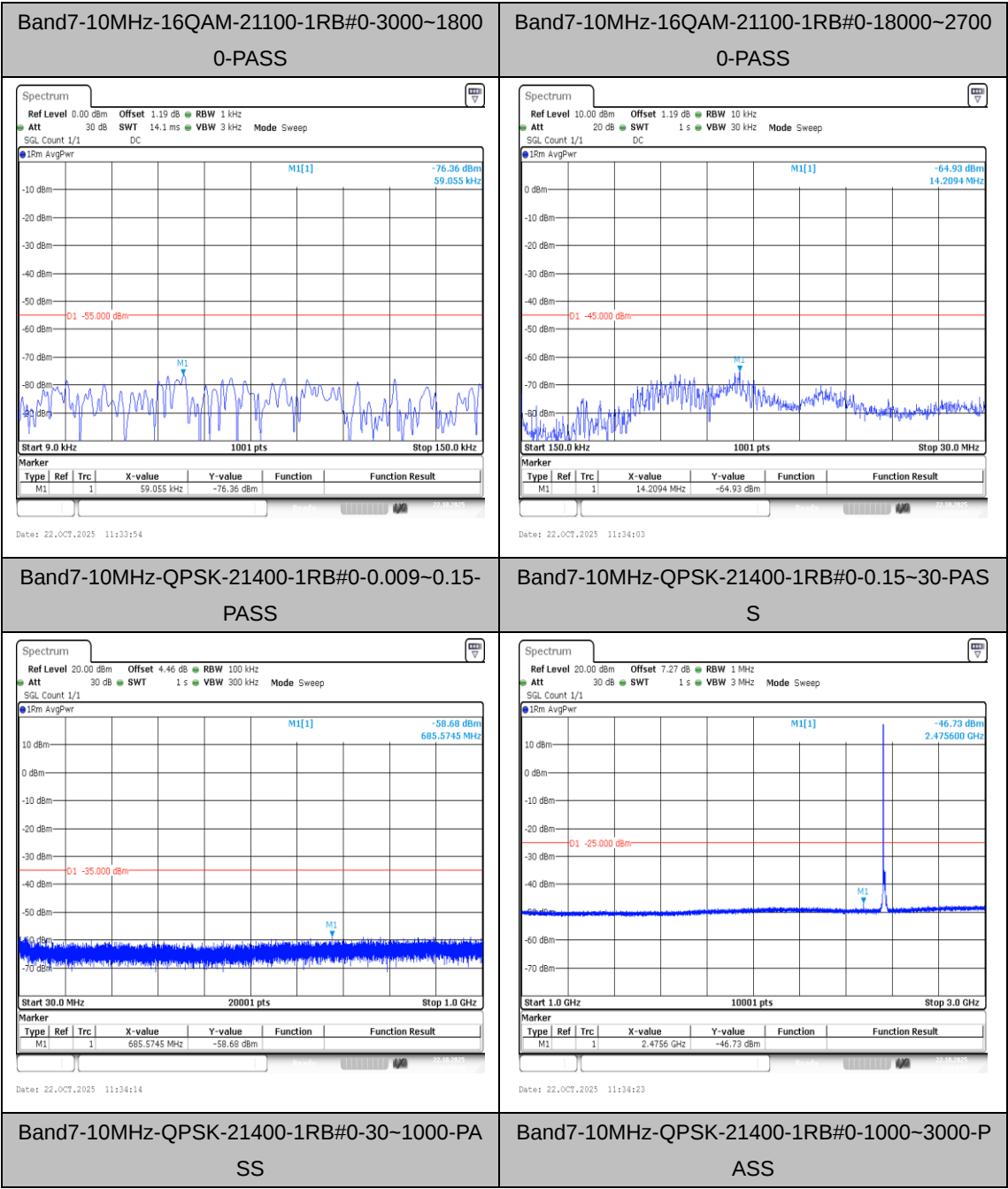


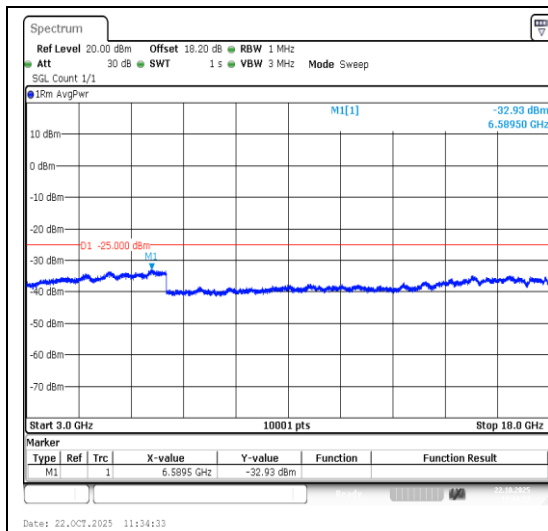






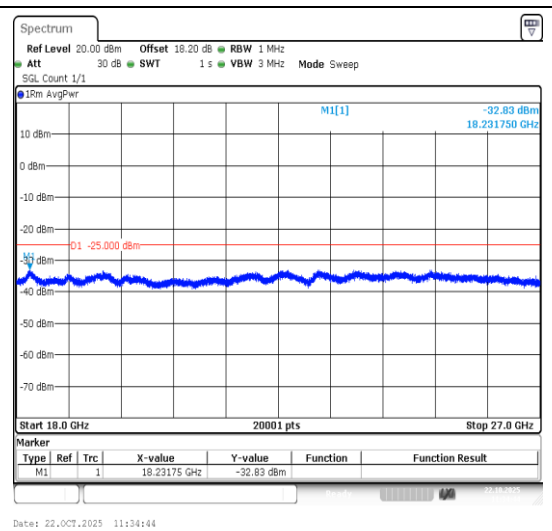






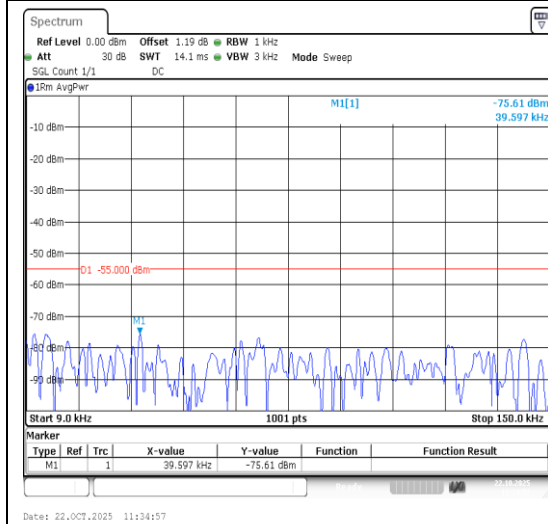
Band7-10MHz-QPSK-21400-1RB#0-3000~18000

-PASS



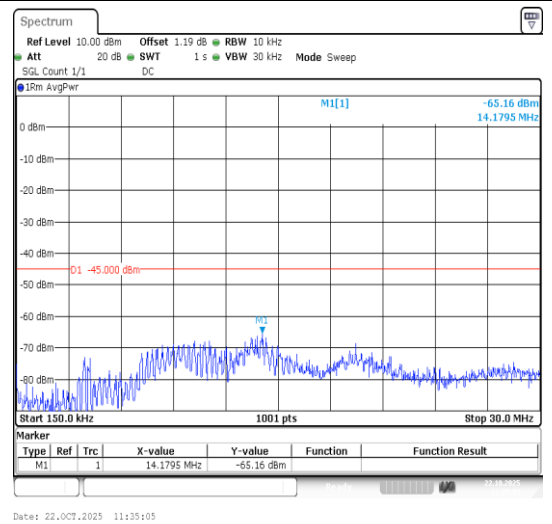
Band7-10MHz-QPSK-21400-1RB#0-18000~27000

-PASS



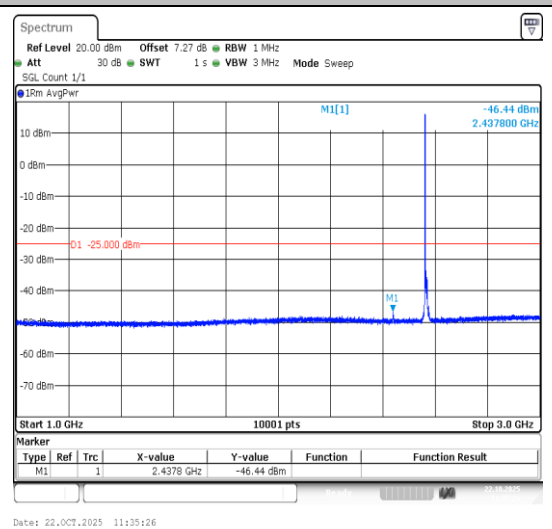
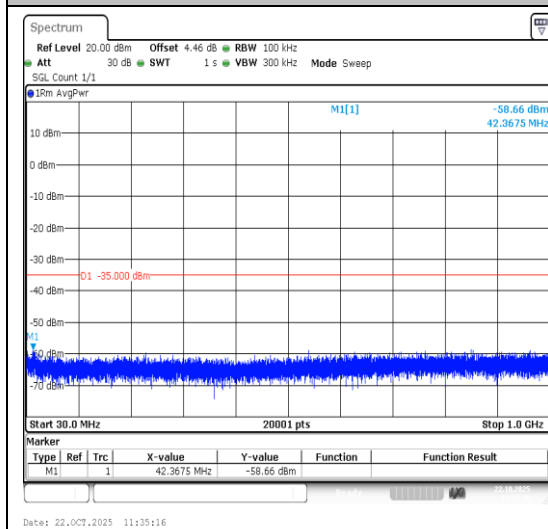
Band7-10MHz-16QAM-21400-1RB#0-0.009~0.15

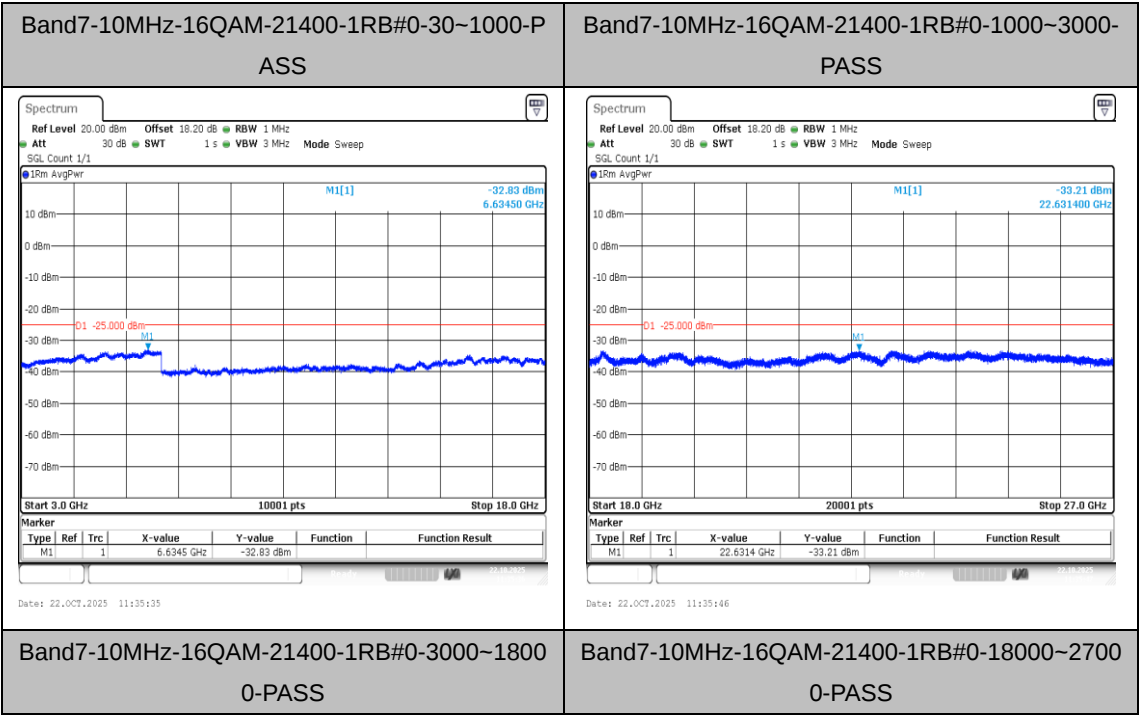
-PASS



Band7-10MHz-16QAM-21400-1RB#0-0.15~30-PA

SS





Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	VN	NT	40.96	0.016368	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	VL	NT	35.13	0.014038	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	VH	NT	39.20	0.015664	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VN	NT	-30.78	-0.012300	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VL	NT	-25.28	-0.010102	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VH	NT	-27.71	-0.011073	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VN	NT	41.61	0.016414	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VL	NT	57.81	0.022805	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VH	NT	26.52	0.010462	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VN	NT	-19.45	-0.007673	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VL	NT	-20.00	-0.007890	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VH	NT	-43.87	-0.017306	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VN	NT	-30.87	-0.012023	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VL	NT	44.03	0.017149	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VH	NT	34.86	0.013577	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VN	NT	23.82	0.009278	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VL	NT	39.51	0.015389	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VH	NT	36.72	0.014302	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VN	NT	10.70	0.004271	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VL	NT	20.69	0.008259	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VH	NT	14.98	0.005980	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	VN	NT	24.09	0.009617	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	VL	NT	-10.46	-0.004176	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	VH	NT	8.15	0.003253	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VN	NT	14.78	0.005830	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VL	NT	9.80	0.003866	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VH	NT	11.67	0.004604	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	VN	NT	17.68	0.006974	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	VL	NT	15.26	0.006020	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	VH	NT	4.82	0.001901	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VN	NT	19.56	0.007626	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VL	NT	10.16	0.003961	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VH	NT	-12.12	-0.004725	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	VN	NT	-6.64	-0.002589	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	VL	NT	16.69	0.006507	±2.5	PASS

Band7	10MHz	16QAM	21400	50RB#0	VH	NT	9.36	0.003649	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	VN	NT	16.88	0.006732	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	VL	NT	9.58	0.003821	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	VH	NT	-9.23	-0.003681	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	VN	NT	13.58	0.005416	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	VL	NT	17.60	0.007019	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	VH	NT	12.23	0.004877	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	VN	NT	9.94	0.003921	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	VL	NT	-8.97	-0.003538	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	VH	NT	-5.19	-0.002047	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	VN	NT	13.40	0.005286	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	VL	NT	-13.29	-0.005243	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	VH	NT	12.96	0.005112	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	VN	NT	-11.56	-0.004511	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	VL	NT	11.79	0.004601	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	VH	NT	12.02	0.004691	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	VN	NT	14.49	0.005655	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	VL	NT	-6.69	-0.002611	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	VH	NT	12.87	0.005022	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	NV	-30	31.86	0.012731	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	-20	39.70	0.015864	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	-10	26.26	0.010494	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	0	22.85	0.009131	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	10	25.66	0.010254	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	20	22.79	0.009107	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	30	20.37	0.008140	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	40	33.57	0.013415	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	50	32.70	0.013067	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	-30	22.22	0.008879	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	-20	-28.54	-0.011405	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	-10	-39.45	-0.015764	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	0	-51.34	-0.020515	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	10	-34.07	-0.013614	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	20	-33.63	-0.013439	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	30	25.81	0.010314	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	40	-23.56	-0.009415	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	50	-17.55	-0.007013	±2.5	PASS

Band7	5MHz	QPSK	21100	25RB#0	NV	-30	40.18	0.015850	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-20	31.91	0.012588	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-10	31.66	0.012489	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	0	19.24	0.007590	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	10	38.82	0.015314	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	20	-25.55	-0.010079	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	30	24.76	0.009767	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	40	39.47	0.015570	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	50	22.93	0.009045	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-30	42.77	0.016872	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-20	32.72	0.012907	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-10	27.97	0.011034	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	0	-29.75	-0.011736	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	10	32.90	0.012978	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	20	-23.36	-0.009215	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	30	31.77	0.012533	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	40	-29.04	-0.011456	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	50	35.33	0.013937	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-30	26.11	0.010169	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-20	44.15	0.017196	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-10	23.50	0.009153	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	0	-14.52	-0.005655	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	10	36.22	0.014107	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	20	24.33	0.009476	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	30	44.90	0.017488	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	40	31.09	0.012109	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	50	-35.49	-0.013823	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-30	-33.12	-0.012900	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-20	16.77	0.006532	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-10	49.92	0.019443	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	0	30.74	0.011973	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	10	17.14	0.006676	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	20	24.49	0.009538	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	30	-29.57	-0.011517	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	40	44.45	0.017313	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	50	-28.75	-0.011198	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-30	11.27	0.004499	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-20	-10.80	-0.004311	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-10	18.28	0.007297	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	0	-11.00	-0.004391	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	10	15.95	0.006367	±2.5	PASS

Band7	10MHz	QPSK	20800	50RB#0	NV	20	19.23	0.007677	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	30	-14.09	-0.005625	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	40	19.41	0.007749	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	50	-41.30	-0.016487	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	-30	18.27	0.007293	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	-20	-14.19	-0.005665	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	-10	-11.14	-0.004447	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	0	12.60	0.005030	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	10	-15.41	-0.006152	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	20	-9.17	-0.003661	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	30	14.95	0.005968	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	40	18.90	0.007545	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	50	24.49	0.009776	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-30	-14.31	-0.005645	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-20	-11.10	-0.004379	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-10	15.91	0.006276	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	0	21.43	0.008454	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	10	-8.37	-0.003302	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	20	17.32	0.006832	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	30	17.19	0.006781	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	40	18.91	0.007460	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	50	-9.76	-0.003850	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	-30	-15.32	-0.006043	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	-20	15.88	0.006264	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	-10	17.81	0.007026	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	0	10.30	0.004063	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	10	2.89	0.001140	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	20	23.13	0.009124	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	30	9.28	0.003661	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	40	12.43	0.004903	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	50	-7.14	-0.002817	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-30	18.24	0.007111	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-20	13.93	0.005431	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-10	15.91	0.006203	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	0	-9.27	-0.003614	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	10	20.03	0.007809	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	20	12.23	0.004768	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	30	20.96	0.008172	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	40	5.65	0.002203	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	50	-12.25	-0.004776	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	-30	13.98	0.005450	±2.5	PASS

Band7	10MHz	16QAM	21400	50RB#0	NV	-20	19.31	0.007528	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	-10	11.39	0.004441	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	0	-9.48	-0.003696	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	10	2.76	0.001076	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	20	-7.98	-0.003111	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	30	-3.56	-0.001388	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	40	13.99	0.005454	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	50	16.44	0.006409	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	-30	13.50	0.005384	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	-20	9.60	0.003829	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	-10	15.79	0.006297	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	0	15.26	0.006086	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	10	18.81	0.007501	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	20	12.29	0.004901	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	30	22.19	0.008849	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	40	12.82	0.005113	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	50	10.19	0.004064	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	-30	13.06	0.005208	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	-20	16.55	0.006600	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	-10	-12.86	-0.005129	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	0	10.27	0.004096	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	10	13.69	0.005460	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	20	13.35	0.005324	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	30	18.44	0.007354	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	40	20.30	0.008096	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	50	15.88	0.006333	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-30	14.62	0.005767	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-20	8.70	0.003432	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-10	6.74	0.002659	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	0	20.06	0.007913	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	10	9.71	0.003830	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	20	17.60	0.006943	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	30	11.86	0.004679	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	40	15.38	0.006067	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	50	12.42	0.004899	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	-30	11.36	0.004481	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	-20	7.78	0.003069	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	-10	14.02	0.005531	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	0	-2.68	-0.001057	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	10	15.64	0.006170	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	20	15.72	0.006201	±2.5	PASS

Band7	15MHz	16QAM	21100	75RB#0	NV	30	10.60	0.004181	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	40	11.74	0.004631	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	50	-10.50	-0.004142	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	-30	11.94	0.004660	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	-20	18.01	0.007028	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	-10	12.80	0.004995	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	0	10.76	0.004199	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	10	-11.70	-0.004566	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	20	-3.86	-0.001506	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	30	13.38	0.005221	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	40	10.54	0.004113	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	50	9.80	0.003824	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	-30	8.15	0.003180	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	-20	6.28	0.002451	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	-10	10.36	0.004043	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	0	-12.29	-0.004796	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	10	-13.45	-0.005249	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	20	22.02	0.008593	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	30	13.30	0.005190	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	40	-12.07	-0.004710	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	50	9.51	0.003711	±2.5	PASS