

Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	0.009~0.15	-70.28	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	0.15~30	-75.23	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	30~1000	-66.99	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	1000~3000	-48.11	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	3000~20000	-36.93	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	0.009~0.15	-72.60	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	0.15~30	-74.69	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	30~1000	-67.51	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	1000~3000	-49.42	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	3000~20000	-37.22	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	0.009~0.15	-72.68	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	0.15~30	-73.79	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	30~1000	-67.34	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	1000~3000	-48.90	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	3000~20000	-37.01	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	0.009~0.15	-71.08	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	0.15~30	-75.12	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	30~1000	-67.79	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	1000~3000	-49.91	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	3000~20000	-37.16	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	0.009~0.15	-69.44	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	0.15~30	-74.17	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	30~1000	-67.50	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	1000~3000	-49.44	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	3000~20000	-36.95	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	0.009~0.15	-70.71	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	0.15~30	-74.97	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	30~1000	-67.18	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	1000~3000	-49.49	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	3000~20000	-37.08	PASS
Band2	3MHz	QPSK	18615	1RB#0	0.009~0.15	-70.72	PASS
Band2	3MHz	QPSK	18615	1RB#0	0.15~30	-75.28	PASS
Band2	3MHz	QPSK	18615	1RB#0	30~1000	-67.56	PASS
Band2	3MHz	QPSK	18615	1RB#0	1000~3000	-53.65	PASS
Band2	3MHz	QPSK	18615	1RB#0	3000~20000	-37.13	PASS

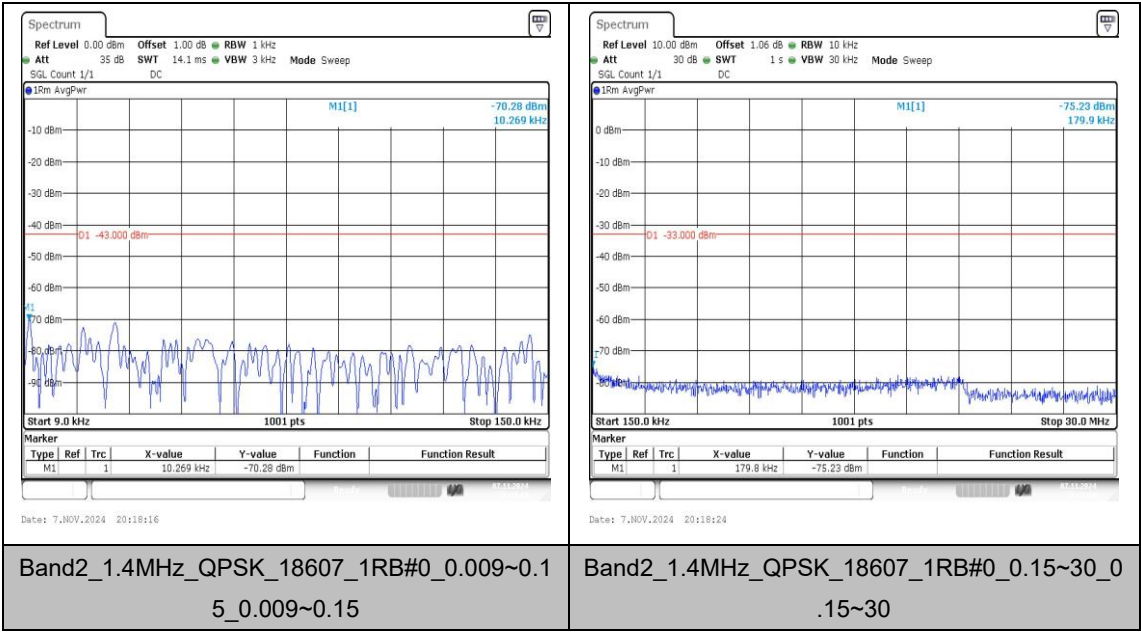
Band2	3MHz	16QAM	18615	1RB#0	0.009~0.15	-72.10	PASS
Band2	3MHz	16QAM	18615	1RB#0	0.15~30	-74.69	PASS
Band2	3MHz	16QAM	18615	1RB#0	30~1000	-67.68	PASS
Band2	3MHz	16QAM	18615	1RB#0	1000~3000	-53.83	PASS
Band2	3MHz	16QAM	18615	1RB#0	3000~20000	-37.13	PASS
Band2	3MHz	QPSK	18900	1RB#0	0.009~0.15	-73.04	PASS
Band2	3MHz	QPSK	18900	1RB#0	0.15~30	-74.39	PASS
Band2	3MHz	QPSK	18900	1RB#0	30~1000	-67.56	PASS
Band2	3MHz	QPSK	18900	1RB#0	1000~3000	-53.57	PASS
Band2	3MHz	QPSK	18900	1RB#0	3000~20000	-37.07	PASS
Band2	3MHz	16QAM	18900	1RB#0	0.009~0.15	-70.26	PASS
Band2	3MHz	16QAM	18900	1RB#0	0.15~30	-74.55	PASS
Band2	3MHz	16QAM	18900	1RB#0	30~1000	-67.51	PASS
Band2	3MHz	16QAM	18900	1RB#0	1000~3000	-53.70	PASS
Band2	3MHz	16QAM	18900	1RB#0	3000~20000	-37.02	PASS
Band2	3MHz	QPSK	19185	1RB#0	0.009~0.15	-73.16	PASS
Band2	3MHz	QPSK	19185	1RB#0	0.15~30	-74.81	PASS
Band2	3MHz	QPSK	19185	1RB#0	30~1000	-67.65	PASS
Band2	3MHz	QPSK	19185	1RB#0	1000~3000	-53.14	PASS
Band2	3MHz	QPSK	19185	1RB#0	3000~20000	-37.11	PASS
Band2	3MHz	16QAM	19185	1RB#0	0.009~0.15	-73.51	PASS
Band2	3MHz	16QAM	19185	1RB#0	0.15~30	-74.57	PASS
Band2	3MHz	16QAM	19185	1RB#0	30~1000	-67.85	PASS
Band2	3MHz	16QAM	19185	1RB#0	1000~3000	-53.26	PASS
Band2	3MHz	16QAM	19185	1RB#0	3000~20000	-37.10	PASS
Band2	5MHz	QPSK	18625	1RB#0	0.009~0.15	-72.70	PASS
Band2	5MHz	QPSK	18625	1RB#0	0.15~30	-74.08	PASS
Band2	5MHz	QPSK	18625	1RB#0	30~1000	-67.82	PASS
Band2	5MHz	QPSK	18625	1RB#0	1000~3000	-53.75	PASS
Band2	5MHz	QPSK	18625	1RB#0	3000~20000	-37.03	PASS
Band2	5MHz	16QAM	18625	1RB#0	0.009~0.15	-68.57	PASS
Band2	5MHz	16QAM	18625	1RB#0	0.15~30	-74.63	PASS
Band2	5MHz	16QAM	18625	1RB#0	30~1000	-67.28	PASS
Band2	5MHz	16QAM	18625	1RB#0	1000~3000	-53.78	PASS
Band2	5MHz	16QAM	18625	1RB#0	3000~20000	-37.13	PASS
Band2	5MHz	QPSK	18900	1RB#0	0.009~0.15	-72.93	PASS
Band2	5MHz	QPSK	18900	1RB#0	0.15~30	-75.49	PASS
Band2	5MHz	QPSK	18900	1RB#0	30~1000	-67.72	PASS
Band2	5MHz	QPSK	18900	1RB#0	1000~3000	-53.82	PASS
Band2	5MHz	QPSK	18900	1RB#0	3000~20000	-37.01	PASS
Band2	5MHz	16QAM	18900	1RB#0	0.009~0.15	-71.11	PASS
Band2	5MHz	16QAM	18900	1RB#0	0.15~30	-73.83	PASS
Band2	5MHz	16QAM	18900	1RB#0	30~1000	-67.31	PASS

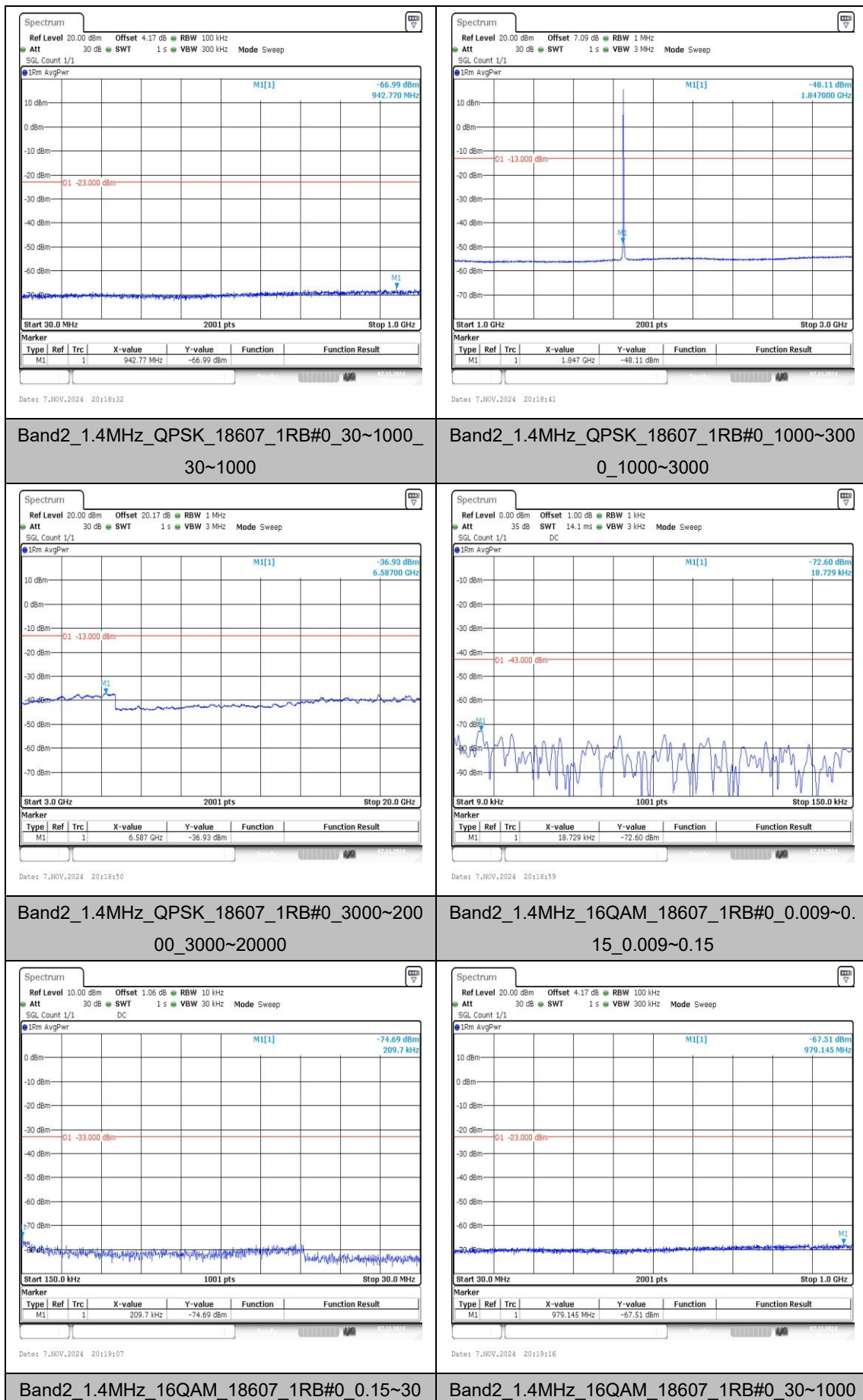
Band2	5MHz	16QAM	18900	1RB#0	1000~3000	-53.79	PASS
Band2	5MHz	16QAM	18900	1RB#0	3000~20000	-37.08	PASS
Band2	5MHz	QPSK	19175	1RB#0	0.009~0.15	-70.43	PASS
Band2	5MHz	QPSK	19175	1RB#0	0.15~30	-74.16	PASS
Band2	5MHz	QPSK	19175	1RB#0	30~1000	-67.67	PASS
Band2	5MHz	QPSK	19175	1RB#0	1000~3000	-53.85	PASS
Band2	5MHz	QPSK	19175	1RB#0	3000~20000	-37.12	PASS
Band2	5MHz	16QAM	19175	1RB#0	0.009~0.15	-74.17	PASS
Band2	5MHz	16QAM	19175	1RB#0	0.15~30	-75.39	PASS
Band2	5MHz	16QAM	19175	1RB#0	30~1000	-67.55	PASS
Band2	5MHz	16QAM	19175	1RB#0	1000~3000	-53.77	PASS
Band2	5MHz	16QAM	19175	1RB#0	3000~20000	-37.04	PASS
Band2	10MHz	QPSK	18650	1RB#0	0.009~0.15	-74.73	PASS
Band2	10MHz	QPSK	18650	1RB#0	0.15~30	-74.96	PASS
Band2	10MHz	QPSK	18650	1RB#0	30~1000	-67.41	PASS
Band2	10MHz	QPSK	18650	1RB#0	1000~3000	-53.71	PASS
Band2	10MHz	QPSK	18650	1RB#0	3000~20000	-37.21	PASS
Band2	10MHz	16QAM	18650	1RB#0	0.009~0.15	-72.29	PASS
Band2	10MHz	16QAM	18650	1RB#0	0.15~30	-75.36	PASS
Band2	10MHz	16QAM	18650	1RB#0	30~1000	-67.71	PASS
Band2	10MHz	16QAM	18650	1RB#0	1000~3000	-53.83	PASS
Band2	10MHz	16QAM	18650	1RB#0	3000~20000	-37.20	PASS
Band2	10MHz	QPSK	18900	1RB#0	0.009~0.15	-70.05	PASS
Band2	10MHz	QPSK	18900	1RB#0	0.15~30	-76.00	PASS
Band2	10MHz	QPSK	18900	1RB#0	30~1000	-67.67	PASS
Band2	10MHz	QPSK	18900	1RB#0	1000~3000	-53.81	PASS
Band2	10MHz	QPSK	18900	1RB#0	3000~20000	-37.13	PASS
Band2	10MHz	16QAM	18900	1RB#0	0.009~0.15	-71.32	PASS
Band2	10MHz	16QAM	18900	1RB#0	0.15~30	-75.53	PASS
Band2	10MHz	16QAM	18900	1RB#0	30~1000	-67.46	PASS
Band2	10MHz	16QAM	18900	1RB#0	1000~3000	-53.82	PASS
Band2	10MHz	16QAM	18900	1RB#0	3000~20000	-36.90	PASS
Band2	10MHz	QPSK	19150	1RB#0	0.009~0.15	-71.72	PASS
Band2	10MHz	QPSK	19150	1RB#0	0.15~30	-75.17	PASS
Band2	10MHz	QPSK	19150	1RB#0	30~1000	-67.52	PASS
Band2	10MHz	QPSK	19150	1RB#0	1000~3000	-53.78	PASS
Band2	10MHz	QPSK	19150	1RB#0	3000~20000	-37.07	PASS
Band2	10MHz	16QAM	19150	1RB#0	0.009~0.15	-72.92	PASS
Band2	10MHz	16QAM	19150	1RB#0	0.15~30	-75.97	PASS
Band2	10MHz	16QAM	19150	1RB#0	30~1000	-67.67	PASS
Band2	10MHz	16QAM	19150	1RB#0	1000~3000	-53.81	PASS
Band2	10MHz	16QAM	19150	1RB#0	3000~20000	-37.09	PASS
Band2	15MHz	QPSK	18675	1RB#0	0.009~0.15	-70.29	PASS

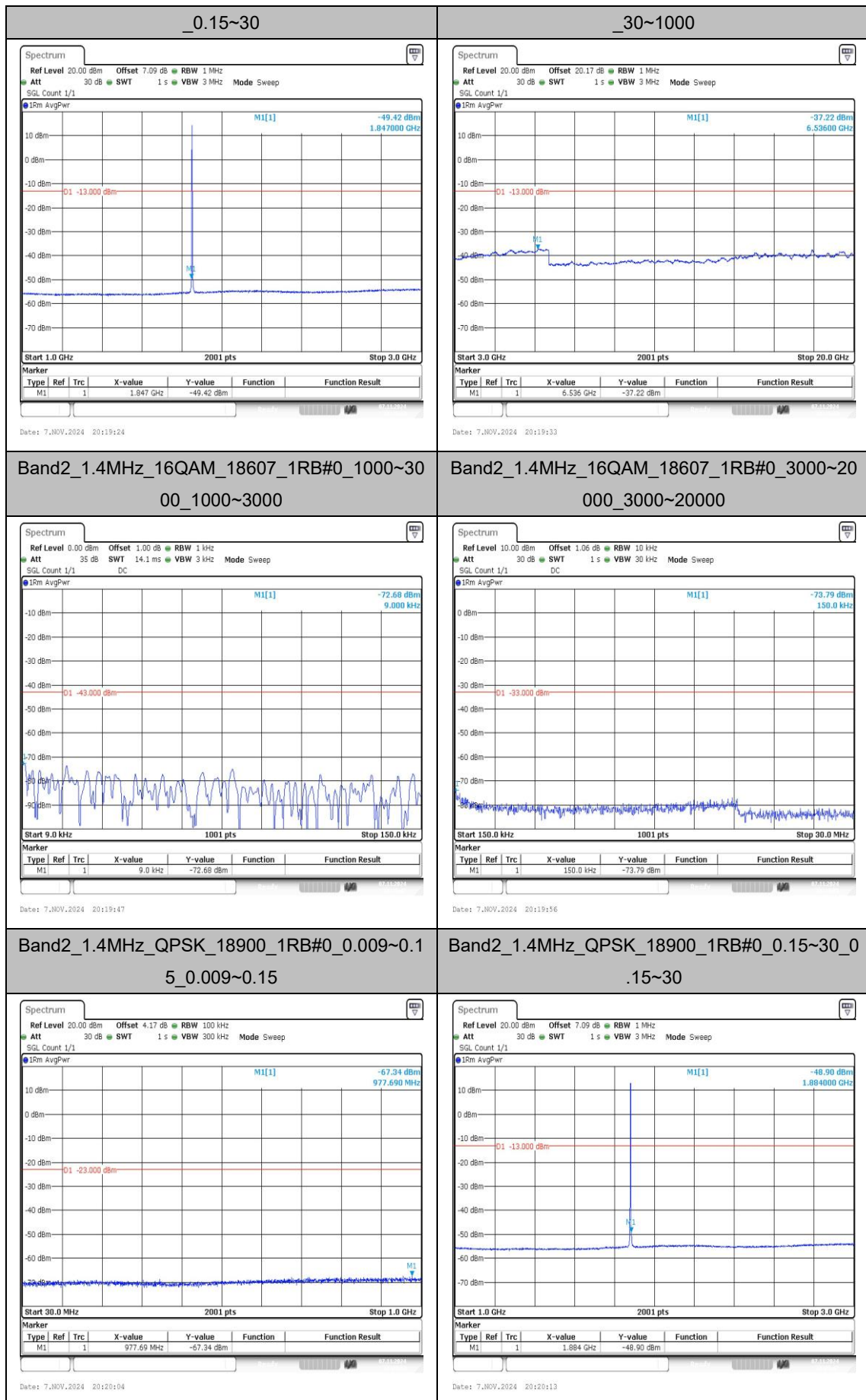
Band2	15MHz	QPSK	18675	1RB#0	0.15~30	-74.98	PASS
Band2	15MHz	QPSK	18675	1RB#0	30~1000	-67.44	PASS
Band2	15MHz	QPSK	18675	1RB#0	1000~3000	-53.77	PASS
Band2	15MHz	QPSK	18675	1RB#0	3000~20000	-37.02	PASS
Band2	15MHz	16QAM	18675	1RB#0	0.009~0.15	-71.54	PASS
Band2	15MHz	16QAM	18675	1RB#0	0.15~30	-74.98	PASS
Band2	15MHz	16QAM	18675	1RB#0	30~1000	-67.80	PASS
Band2	15MHz	16QAM	18675	1RB#0	1000~3000	-53.67	PASS
Band2	15MHz	16QAM	18675	1RB#0	3000~20000	-36.99	PASS
Band2	15MHz	QPSK	18900	1RB#0	0.009~0.15	-72.58	PASS
Band2	15MHz	QPSK	18900	1RB#0	0.15~30	-75.32	PASS
Band2	15MHz	QPSK	18900	1RB#0	30~1000	-67.65	PASS
Band2	15MHz	QPSK	18900	1RB#0	1000~3000	-53.65	PASS
Band2	15MHz	QPSK	18900	1RB#0	3000~20000	-37.06	PASS
Band2	15MHz	16QAM	18900	1RB#0	0.009~0.15	-71.14	PASS
Band2	15MHz	16QAM	18900	1RB#0	0.15~30	-73.86	PASS
Band2	15MHz	16QAM	18900	1RB#0	30~1000	-67.56	PASS
Band2	15MHz	16QAM	18900	1RB#0	1000~3000	-53.76	PASS
Band2	15MHz	16QAM	18900	1RB#0	3000~20000	-37.02	PASS
Band2	15MHz	QPSK	19125	1RB#0	0.009~0.15	-72.54	PASS
Band2	15MHz	QPSK	19125	1RB#0	0.15~30	-74.70	PASS
Band2	15MHz	QPSK	19125	1RB#0	30~1000	-67.54	PASS
Band2	15MHz	QPSK	19125	1RB#0	1000~3000	-53.82	PASS
Band2	15MHz	QPSK	19125	1RB#0	3000~20000	-37.18	PASS
Band2	15MHz	16QAM	19125	1RB#0	0.009~0.15	-70.91	PASS
Band2	15MHz	16QAM	19125	1RB#0	0.15~30	-75.37	PASS
Band2	15MHz	16QAM	19125	1RB#0	30~1000	-67.86	PASS
Band2	15MHz	16QAM	19125	1RB#0	1000~3000	-53.79	PASS
Band2	15MHz	16QAM	19125	1RB#0	3000~20000	-37.11	PASS
Band2	20MHz	QPSK	18700	1RB#0	0.009~0.15	-71.54	PASS
Band2	20MHz	QPSK	18700	1RB#0	0.15~30	-74.19	PASS
Band2	20MHz	QPSK	18700	1RB#0	30~1000	-67.50	PASS
Band2	20MHz	QPSK	18700	1RB#0	1000~3000	-53.77	PASS
Band2	20MHz	QPSK	18700	1RB#0	3000~20000	-37.07	PASS
Band2	20MHz	16QAM	18700	1RB#0	0.009~0.15	-71.83	PASS
Band2	20MHz	16QAM	18700	1RB#0	0.15~30	-74.12	PASS
Band2	20MHz	16QAM	18700	1RB#0	30~1000	-67.40	PASS
Band2	20MHz	16QAM	18700	1RB#0	1000~3000	-53.82	PASS
Band2	20MHz	16QAM	18700	1RB#0	3000~20000	-37.06	PASS
Band2	20MHz	QPSK	18900	1RB#0	0.009~0.15	-72.55	PASS
Band2	20MHz	QPSK	18900	1RB#0	0.15~30	-74.97	PASS
Band2	20MHz	QPSK	18900	1RB#0	30~1000	-67.77	PASS
Band2	20MHz	QPSK	18900	1RB#0	1000~3000	-53.69	PASS

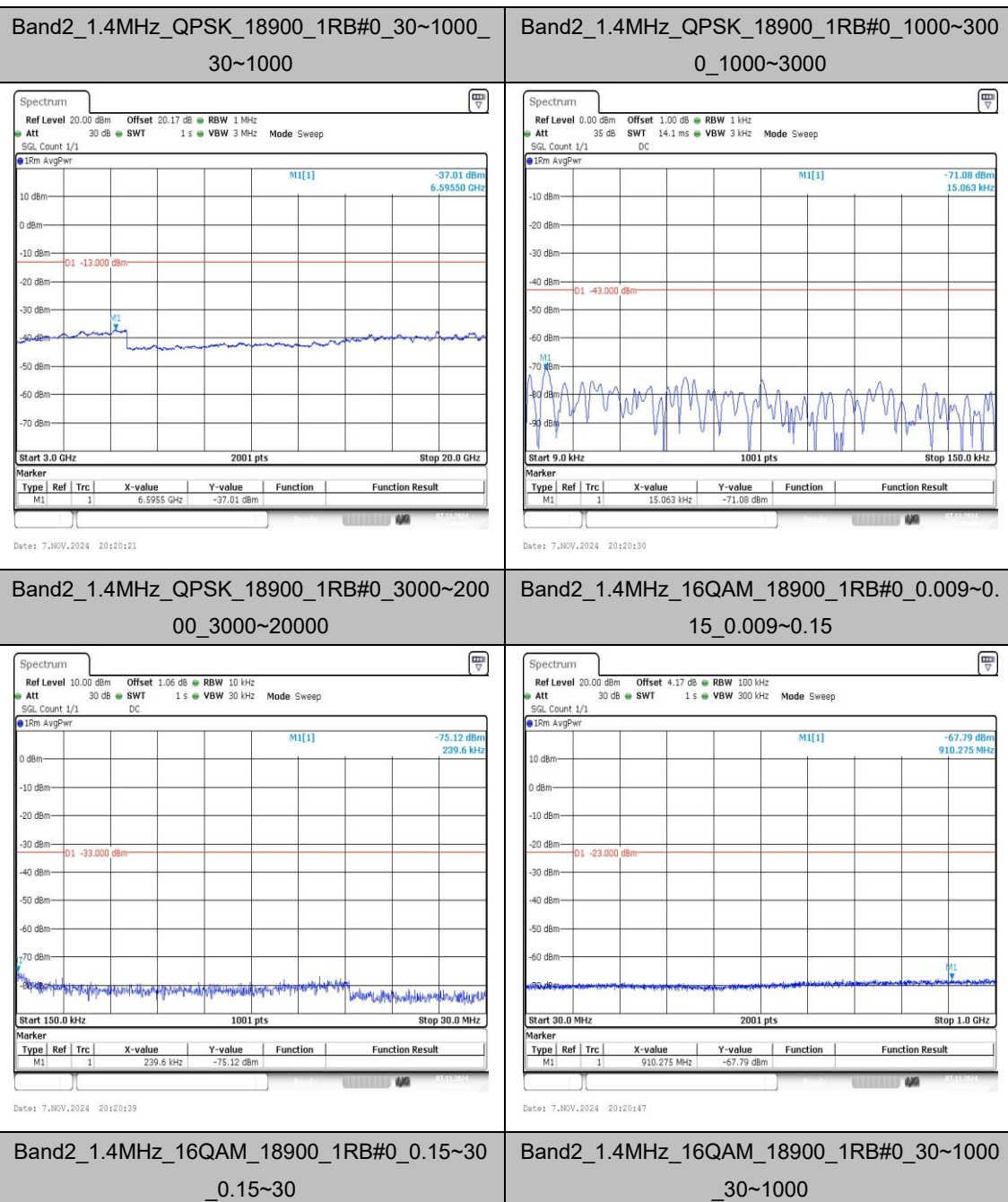
Band2	20MHz	16QAM	18900	1RB#0	0.009~0.15	-72.05	PASS
Band2	20MHz	16QAM	18900	1RB#0	0.15~30	-74.97	PASS
Band2	20MHz	16QAM	18900	1RB#0	30~1000	-67.81	PASS
Band2	20MHz	16QAM	18900	1RB#0	1000~3000	-53.73	PASS
Band2	20MHz	16QAM	18900	1RB#0	3000~20000	-37.05	PASS
Band2	20MHz	QPSK	19100	1RB#0	0.009~0.15	-73.71	PASS
Band2	20MHz	QPSK	19100	1RB#0	0.15~30	-75.73	PASS
Band2	20MHz	QPSK	19100	1RB#0	30~1000	-67.76	PASS
Band2	20MHz	QPSK	19100	1RB#0	1000~3000	-53.85	PASS
Band2	20MHz	QPSK	19100	1RB#0	3000~20000	-37.17	PASS
Band2	20MHz	16QAM	19100	1RB#0	0.009~0.15	-69.16	PASS
Band2	20MHz	16QAM	19100	1RB#0	0.15~30	-73.66	PASS
Band2	20MHz	16QAM	19100	1RB#0	30~1000	-67.54	PASS
Band2	20MHz	16QAM	19100	1RB#0	1000~3000	-53.71	PASS
Band2	20MHz	QPSK	18900	1RB#0	3000~20000	-36.98	PASS
Band2	20MHz	16QAM	19100	1RB#0	3000~20000	-37.17	PASS

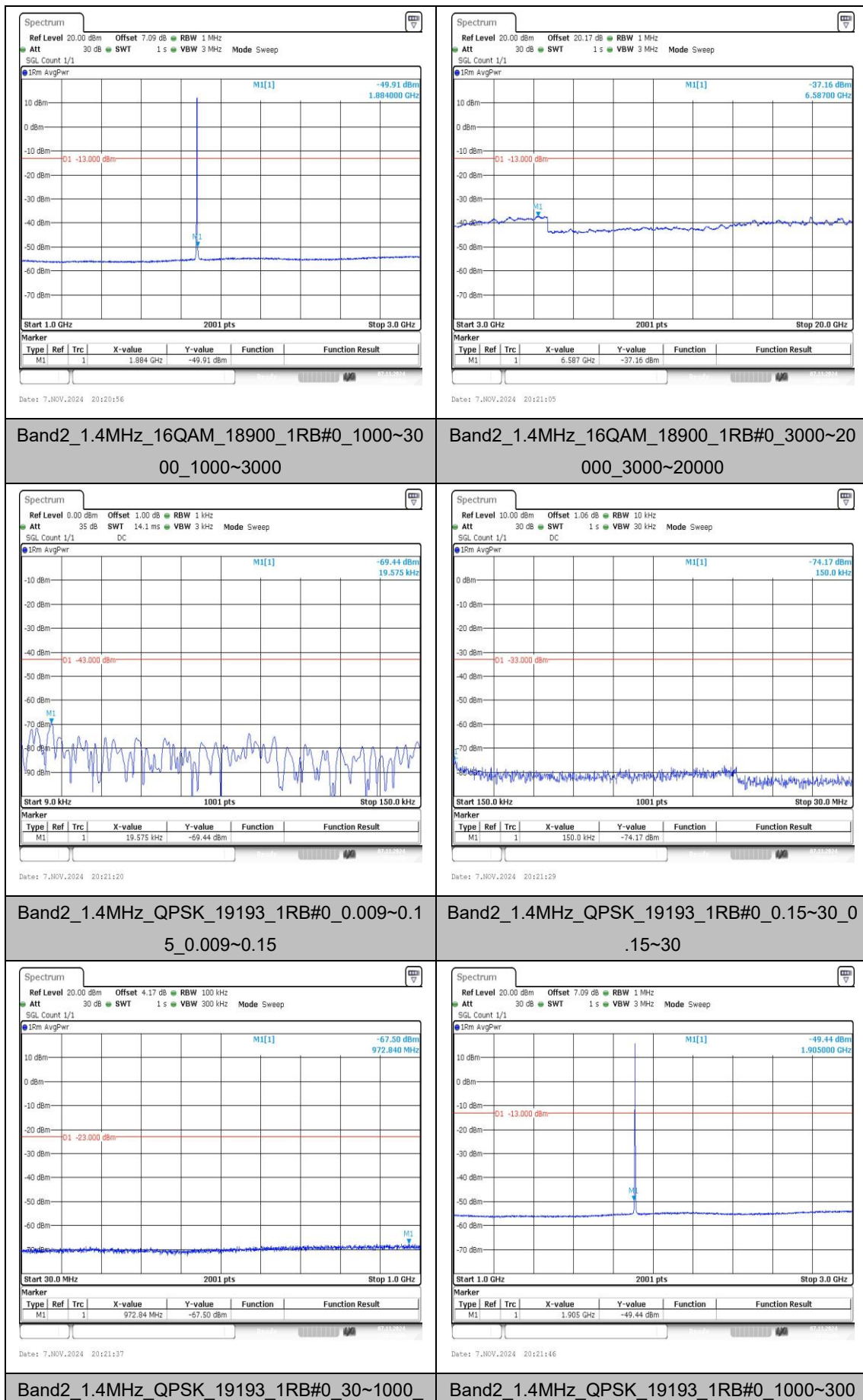
Test Graphs

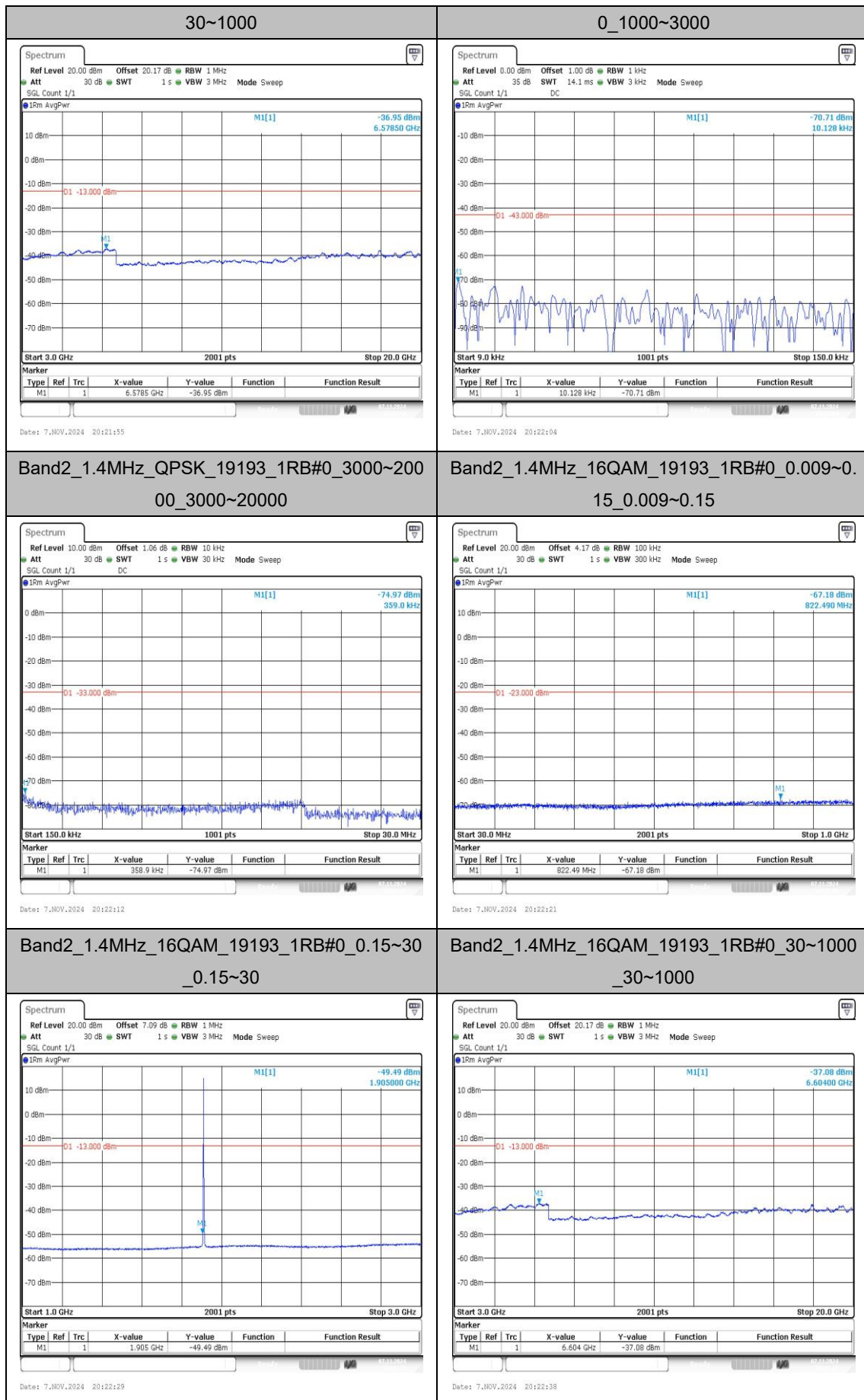


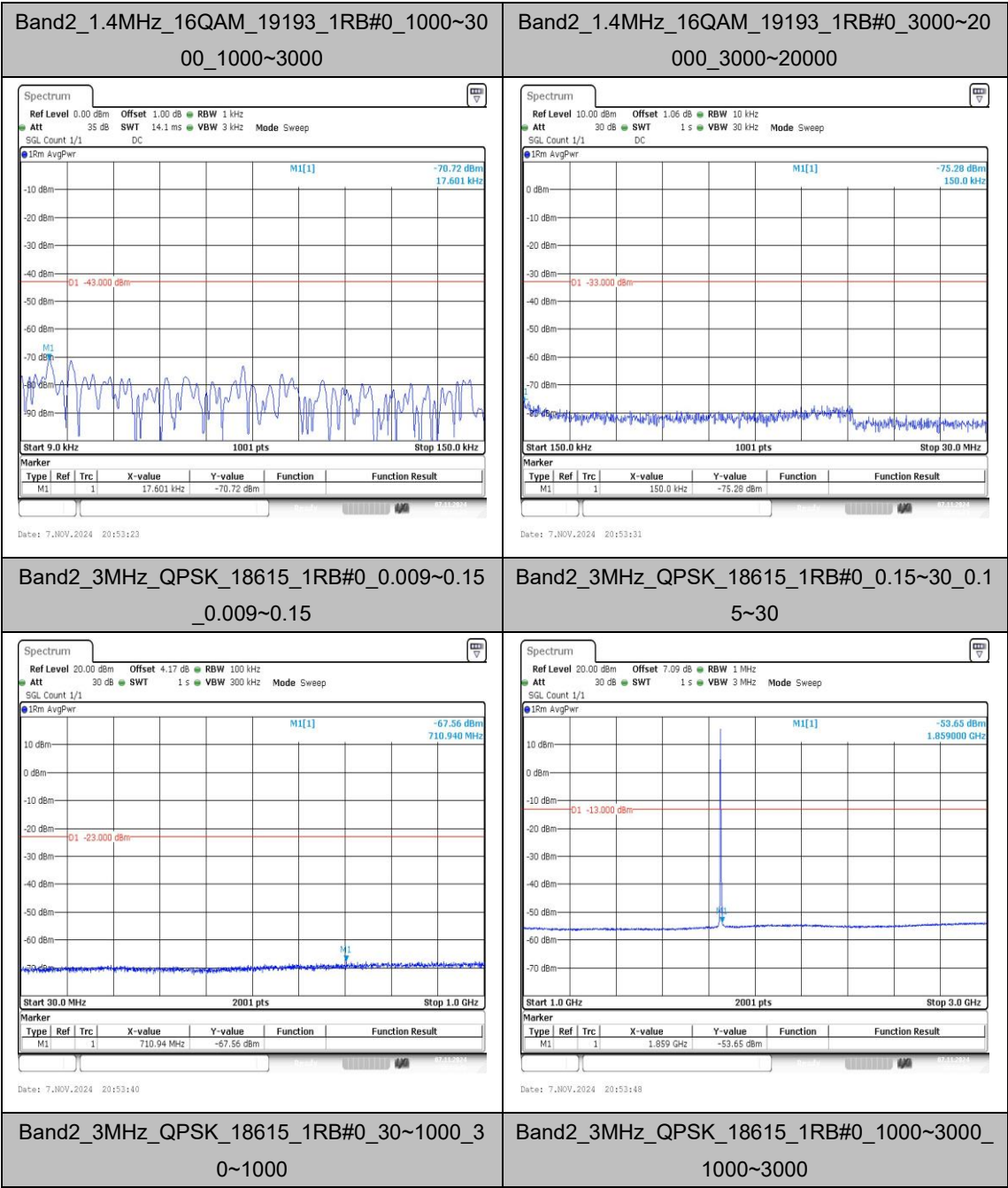


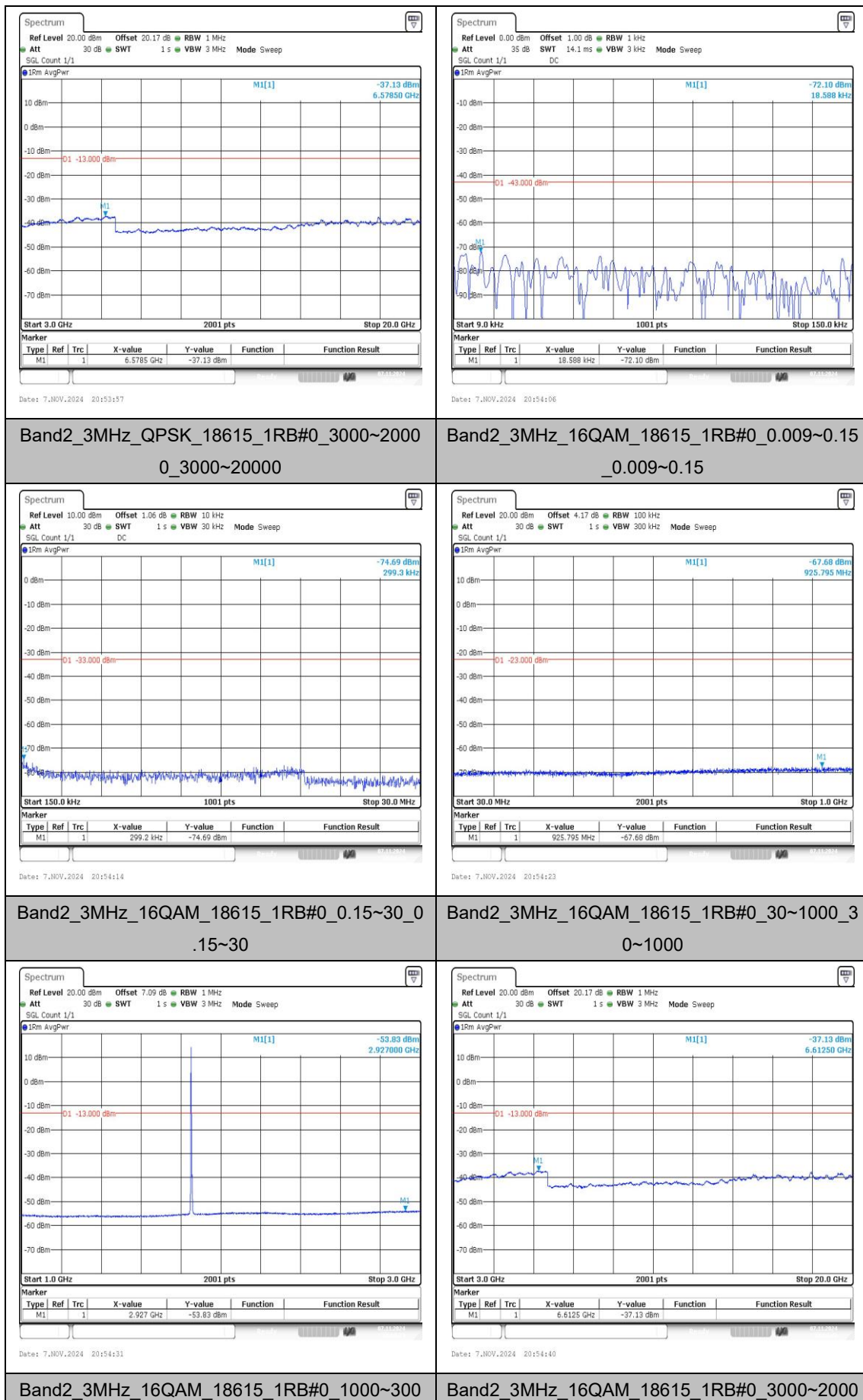


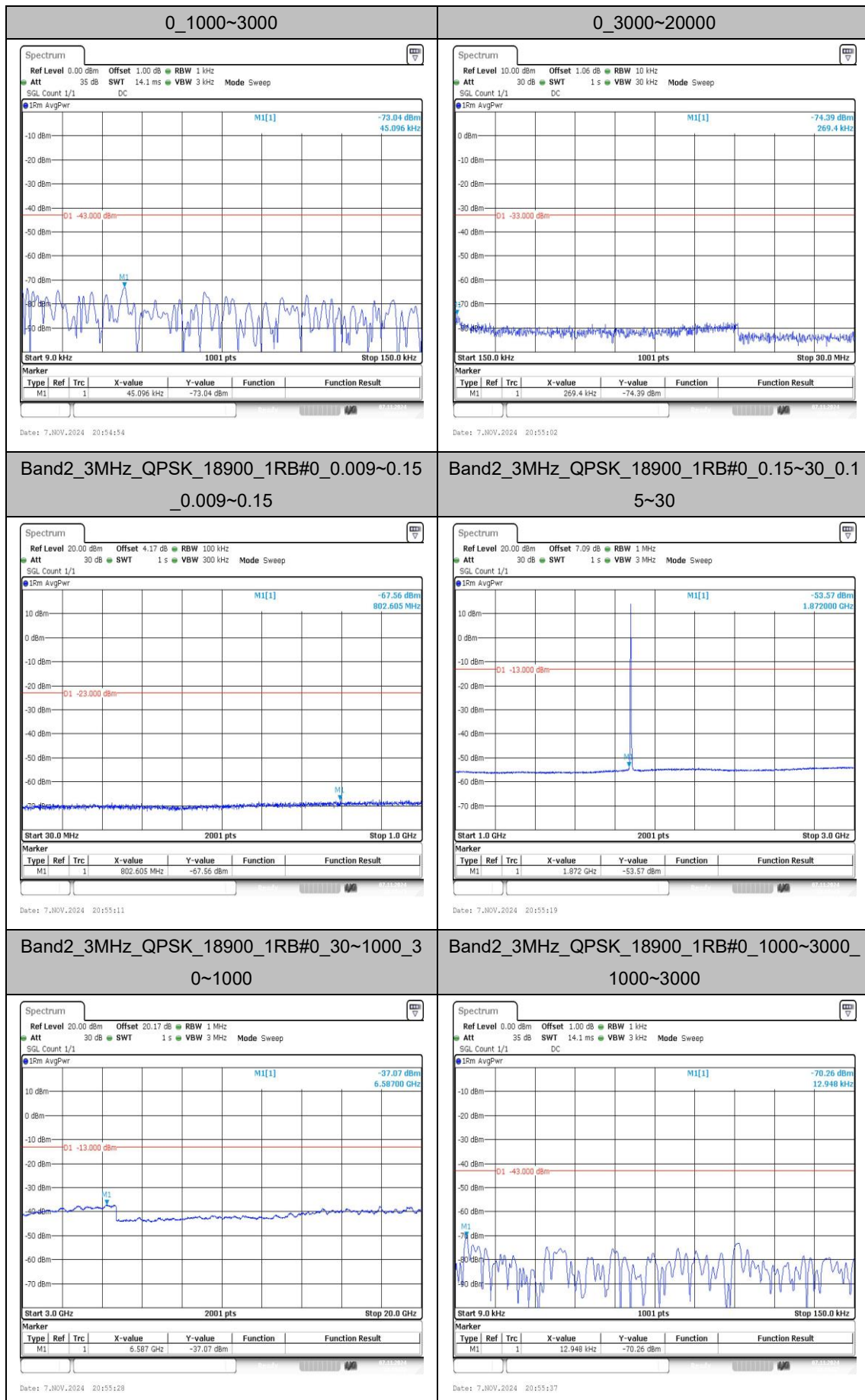


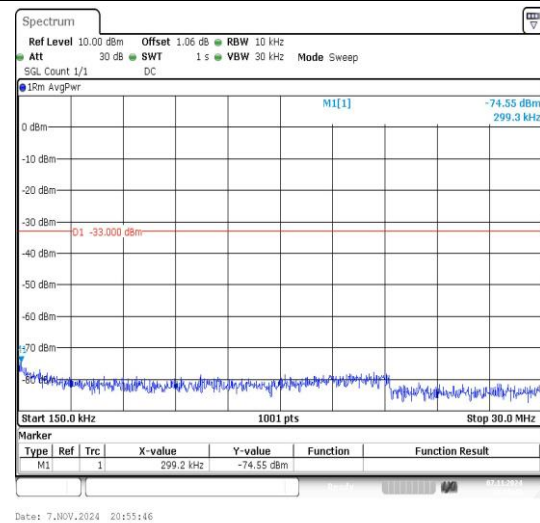
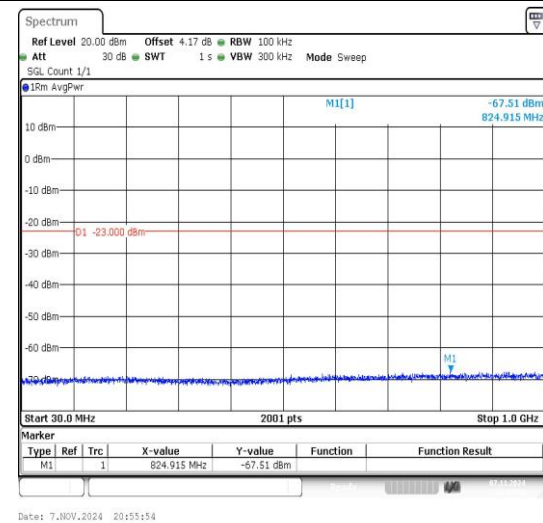
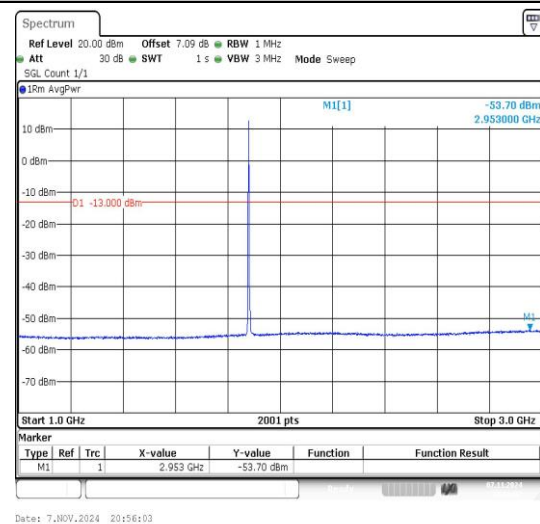
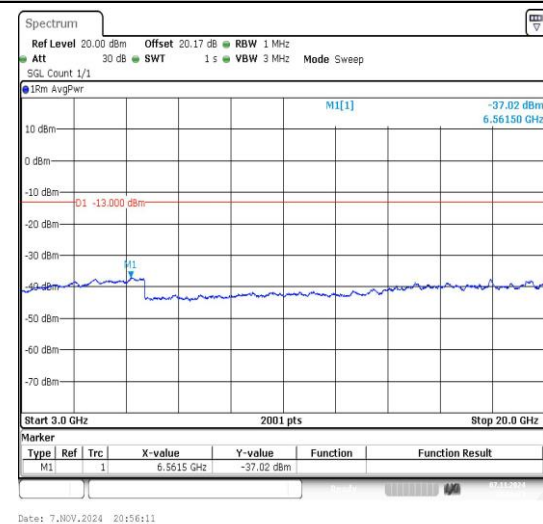










Band2_3MHz_QPSK_18900_1RB#0_3000~2000
0_3000~20000Band2_3MHz_16QAM_18900_1RB#0_0.009~0.15
_0.009~0.15Band2_3MHz_16QAM_18900_1RB#0_0.15~30_0
.15~30Band2_3MHz_16QAM_18900_1RB#0_30~1000_3
0~1000Band2_3MHz_16QAM_18900_1RB#0_1000~300
0_1000~3000Band2_3MHz_16QAM_18900_1RB#0_3000~2000
0_3000~20000

