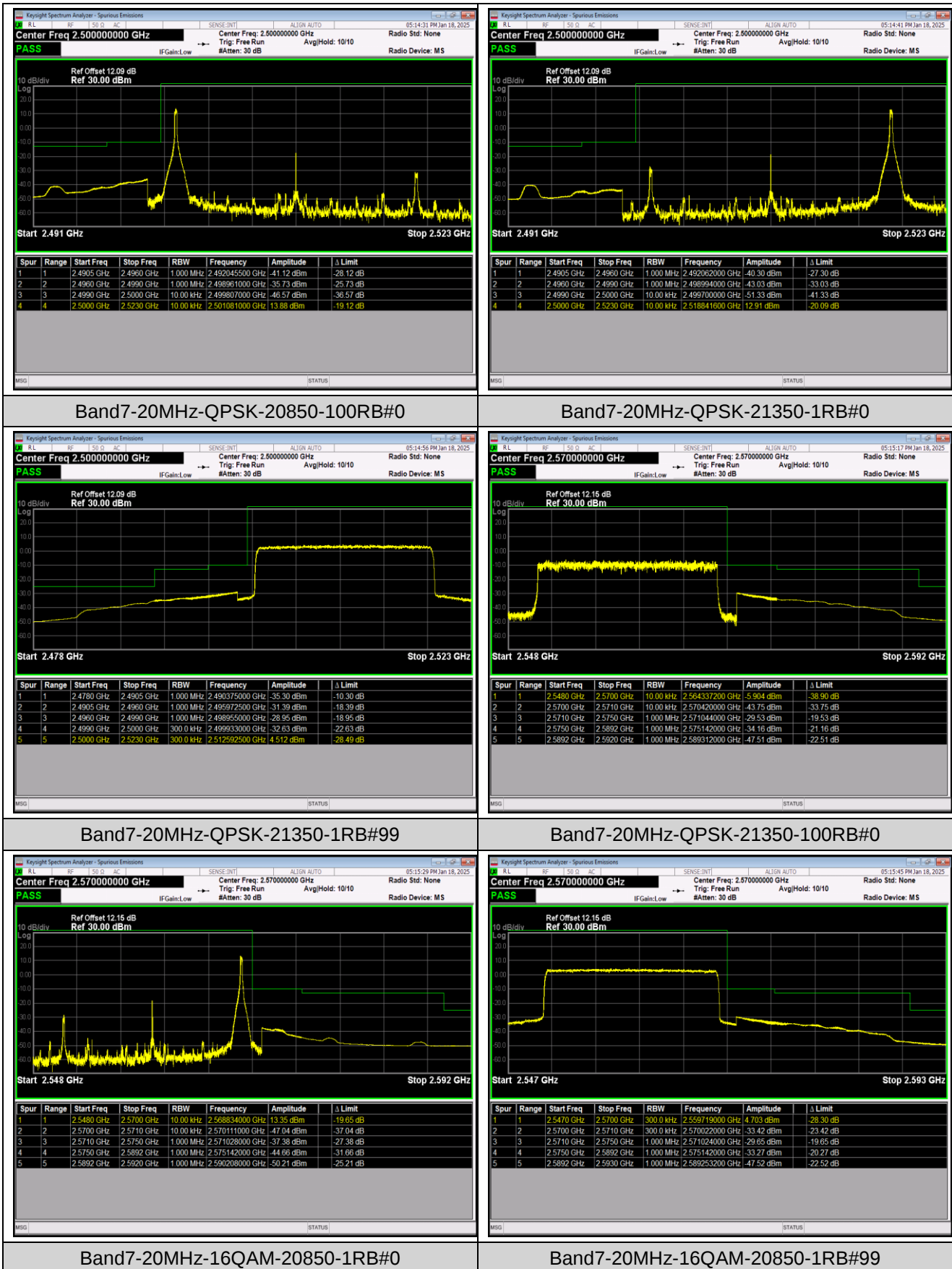






Appendix E: Conducted Spurious Emission

Test Result (worst case)

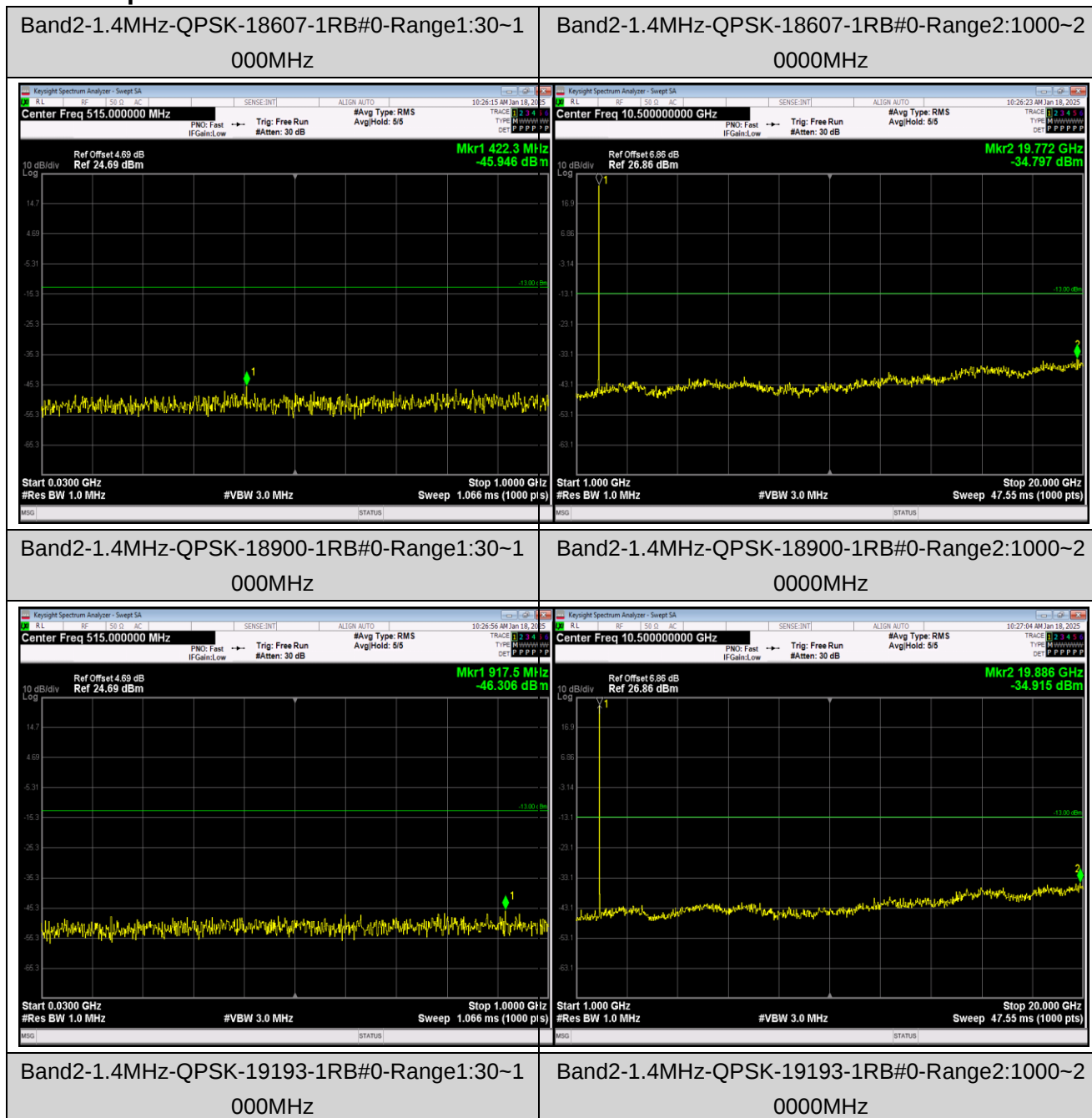
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	Range1:30~1000MHz	-45.95	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	Range2:1000~20000MHz	-34.8	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-46.31	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range2:1000~20000MHz	-34.92	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range1:30~1000MHz	-46.32	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range2:1000~20000MHz	-34.67	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range1:30~1000MHz	-46.16	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range2:1000~20000MHz	-35.1	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-45.38	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range2:1000~20000MHz	-33.07	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range1:30~1000MHz	-45.86	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range2:1000~20000MHz	-35.16	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range1:30~1000MHz	-46.28	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range2:1000~20000MHz	-34.62	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-45.86	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range2:1000~20000MHz	-33.69	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range1:30~1000MHz	-45.54	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range2:1000~20000MHz	-33.43	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range1:30~1000MHz	-46.75	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range2:1000~20000MHz	-34.9	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-46.62	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range2:1000~20000MHz	-33.46	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range1:30~1000MHz	-46.02	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range2:1000~20000MHz	-34.09	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range1:30~1000MHz	-46.65	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range2:1000~20000MHz	-34.88	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-47.36	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-34.16	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range1:30~1000MHz	-47.02	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range2:1000~20000MHz	-34.5	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range1:30~1000MHz	-46.05	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range2:1000~20000MHz	-34.81	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-46.85	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-34.28	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range1:30~1000MHz	-46.98	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range2:1000~20000MHz	-34.01	PASS

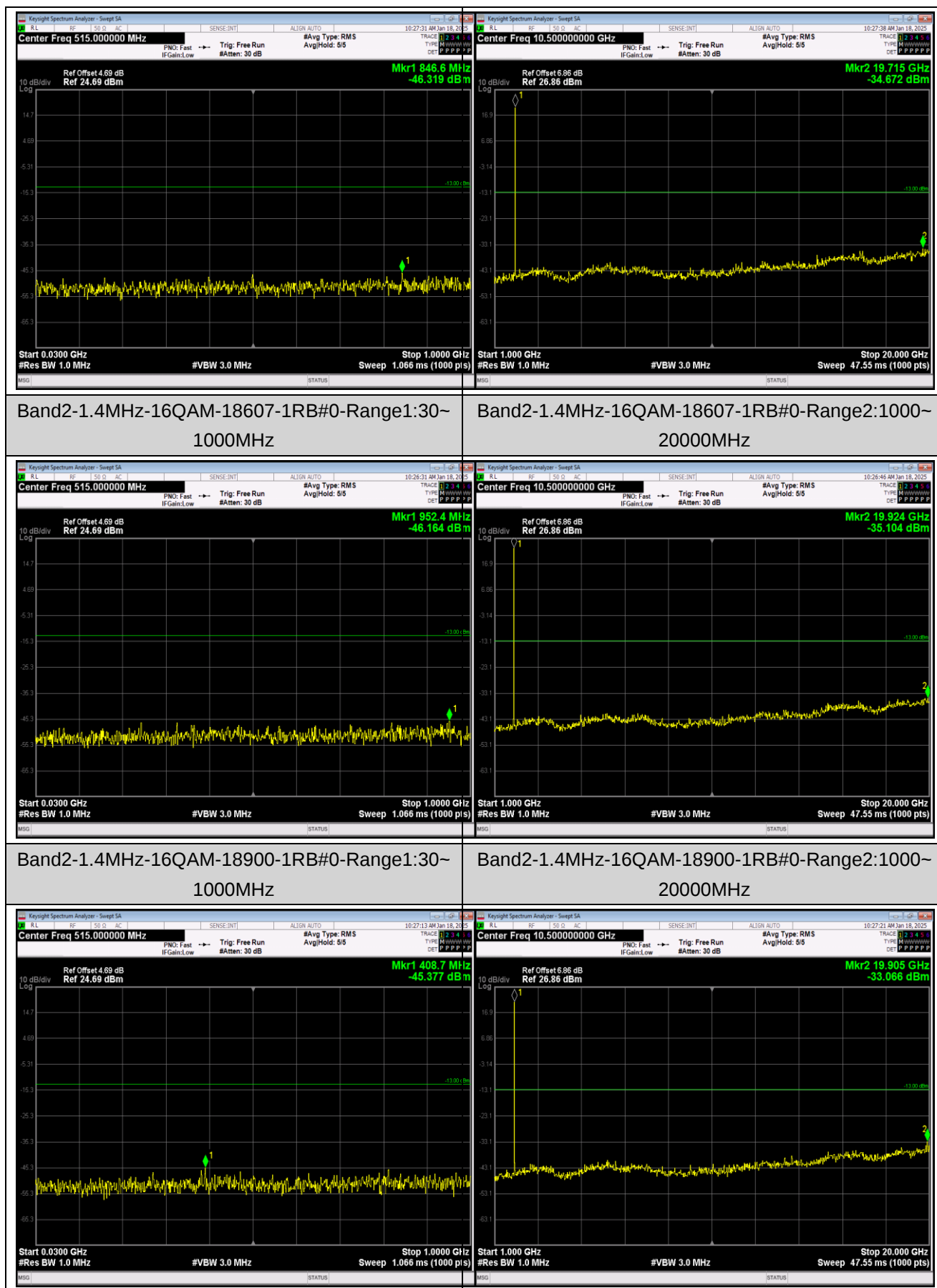
Band4	20MHz	QPSK	20050	1RB#0	Range1:30~1000MHz	-46.63	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range2:1000~20000MHz	-34.84	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-46.21	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-34.73	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range1:30~1000MHz	-46.52	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range2:1000~20000MHz	-34.59	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range1:30~1000MHz	-46.78	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range2:1000~20000MHz	-34.54	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-46.15	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-34.83	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range1:30~1000MHz	-46.85	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range2:1000~20000MHz	-34.17	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range1:30~1000MHz	-44.99	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range2:1000~10000MHz	-40.74	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-45.77	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-40.54	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range1:30~1000MHz	-45.83	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range2:1000~10000MHz	-41.19	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range1:30~1000MHz	-45.66	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range2:1000~10000MHz	-39.49	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-45.61	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-40.03	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range1:30~1000MHz	-45.95	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range2:1000~10000MHz	-40.94	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range1:30~1000MHz	-45.32	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range2:1000~10000MHz	-41.3	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-46.07	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-41.13	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range1:30~1000MHz	-45.46	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range2:1000~10000MHz	-40.72	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range1:30~1000MHz	-44.79	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range2:1000~10000MHz	-40.83	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-45.57	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-40.89	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range1:30~1000MHz	-45.87	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range2:1000~10000MHz	-41.21	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range1:30~1000MHz	-46.12	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range2:1000~26500MHz	-29.08	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-46.38	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range2:1000~26500MHz	-29.78	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range1:30~1000MHz	-46.14	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range2:1000~26500MHz	-28.92	PASS

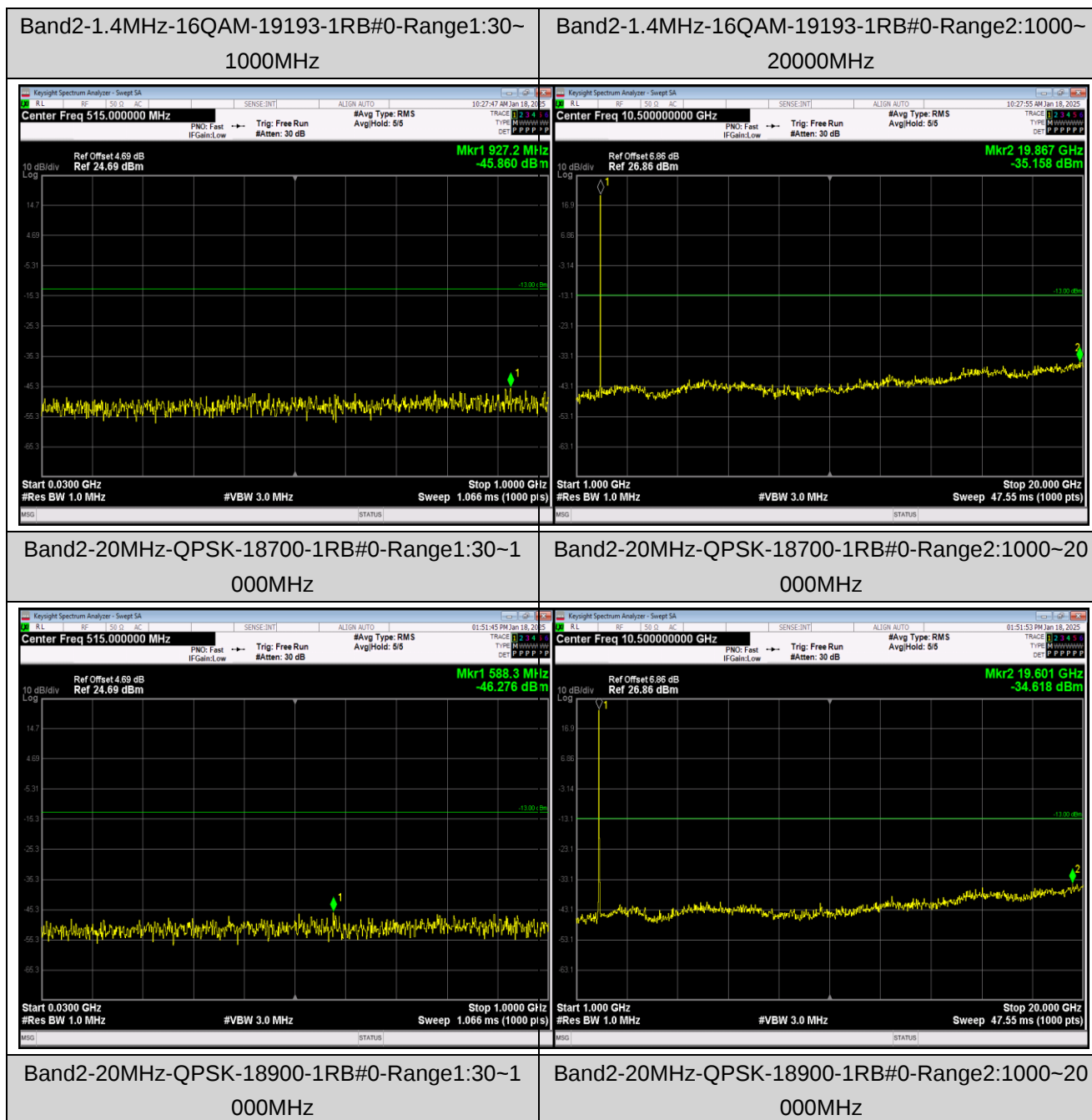
Band7	5MHz	16QAM	20775	1RB#0	Range1:30~1000MHz	-47.05	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range2:1000~26500MHz	-26.74	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-46.41	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range2:1000~26500MHz	-28.72	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range1:30~1000MHz	-46.46	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range2:1000~26500MHz	-28.79	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range1:30~1000MHz	-45.95	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range2:1000~26500MHz	-29.74	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-46.71	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range2:1000~26500MHz	-26.5	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range1:30~1000MHz	-46.58	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range2:1000~26500MHz	-29.37	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range1:30~1000MHz	-46.89	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range2:1000~26500MHz	-29.79	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-45.31	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range2:1000~26500MHz	-29.43	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range1:30~1000MHz	-46.24	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range2:1000~26500MHz	-30.14	PASS

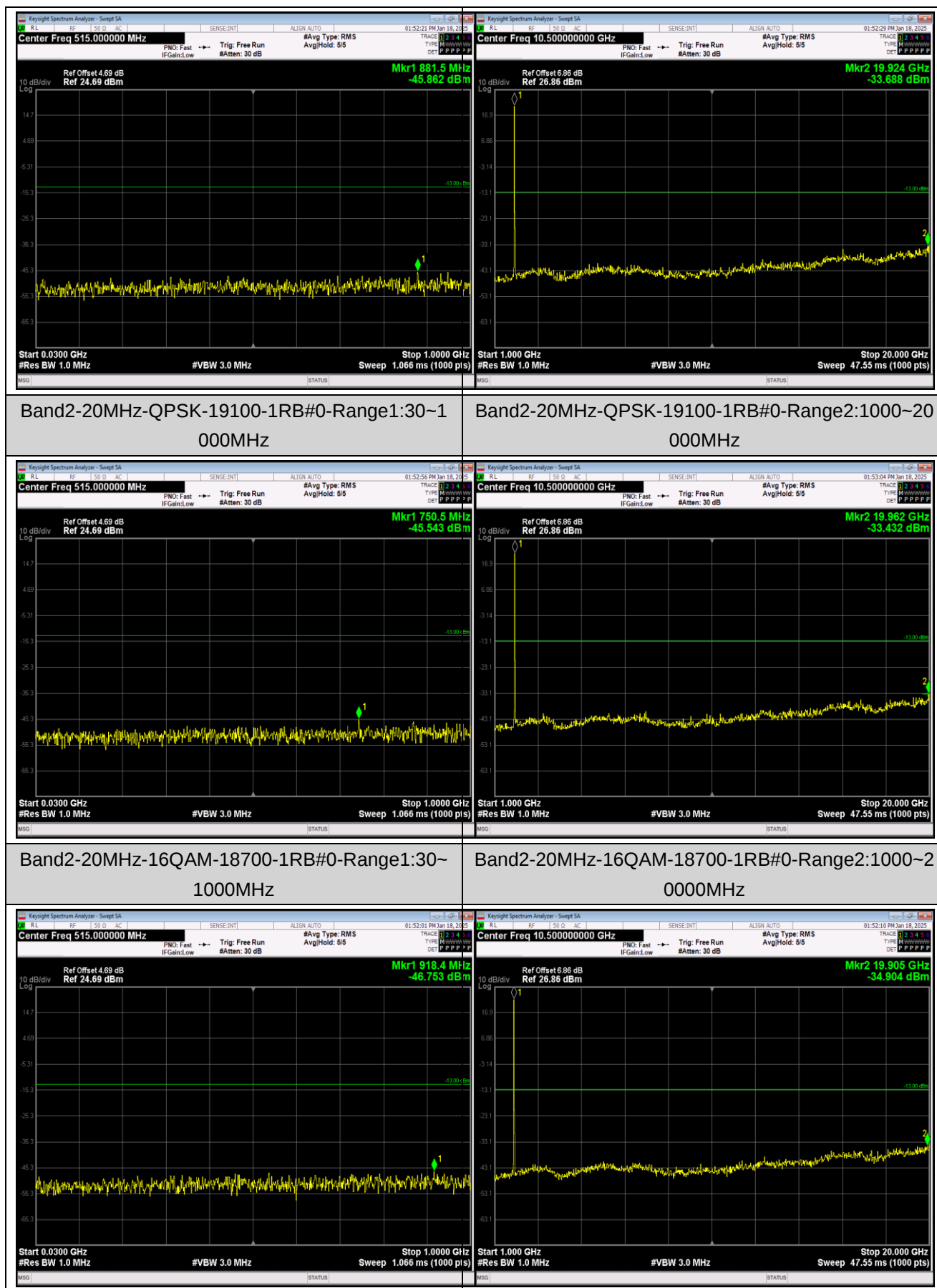
Remark: All bandwidth and all modulation had been tested, but only the worst case data displayed in this report.

Test Graphs









Band2-20MHz-QPSK-19100-1RB#0-Range1:30~1
000MHz

Band2-20MHz-QPSK-19100-1RB#0-Range2:1000~20
000MHz

Band2-20MHz-16QAM-18700-1RB#0-Range1:30~
1000MHz

Band2-20MHz-16QAM-18700-1RB#0-Range2:1000~2
000MHz

