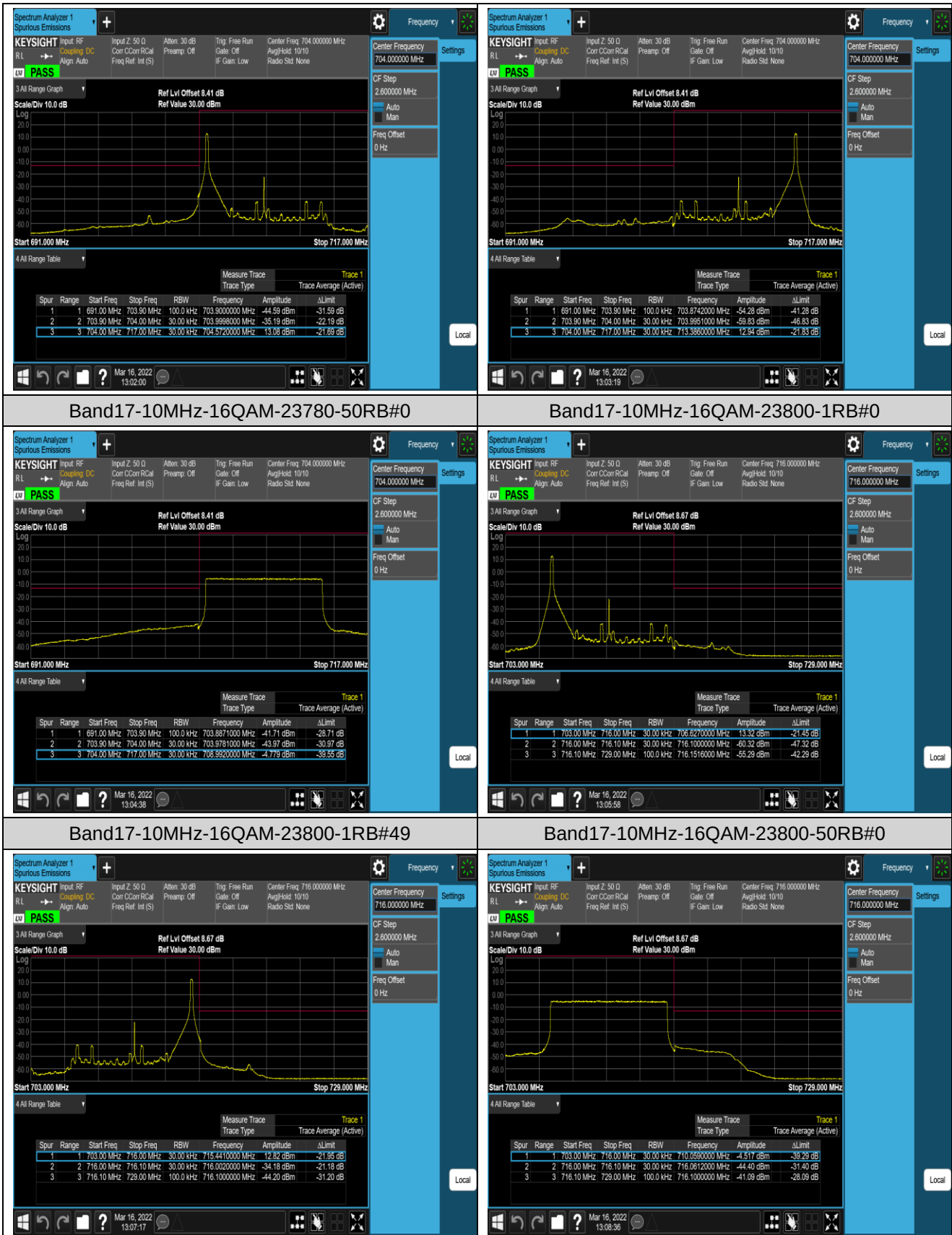






Appendix E: Conducted Spurious Emission

Test Result (worst case)

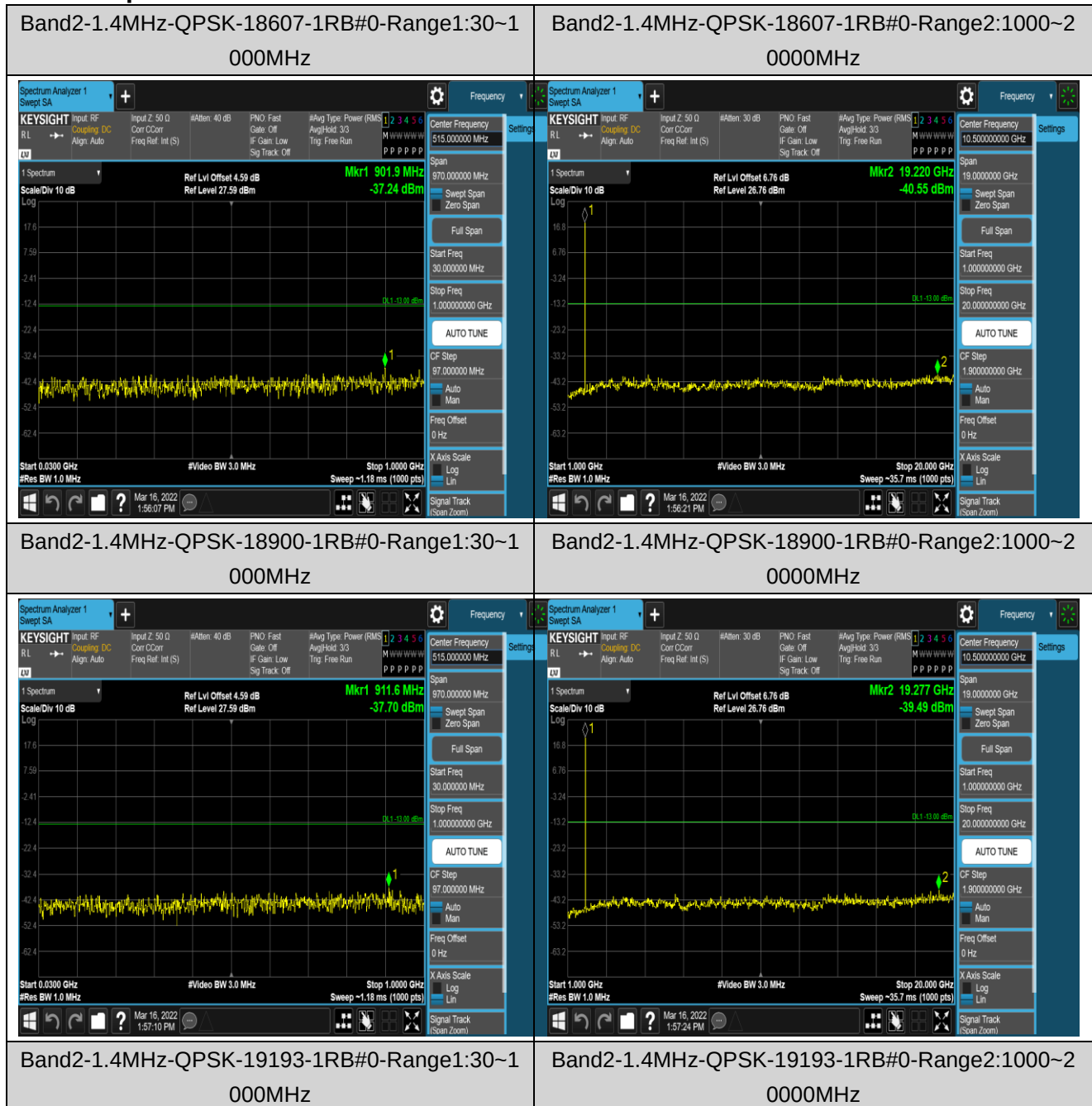
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	Range1:30~1000MHz	-37.24	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	Range2:1000~20000MHz	-40.55	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-37.7	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range2:1000~20000MHz	-39.49	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range1:30~1000MHz	-38.73	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range2:1000~20000MHz	-40.89	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range1:30~1000MHz	-38	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range2:1000~20000MHz	-40.22	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-38.02	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range2:1000~20000MHz	-40.67	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range1:30~1000MHz	-38.72	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range2:1000~20000MHz	-40.39	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range1:30~1000MHz	-38.73	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range2:1000~20000MHz	-39.28	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-38.06	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range2:1000~20000MHz	-39.26	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range1:30~1000MHz	-38.44	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range2:1000~20000MHz	-38.93	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range1:30~1000MHz	-38.32	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range2:1000~20000MHz	-39	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-38.59	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range2:1000~20000MHz	-38.81	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range1:30~1000MHz	-37.85	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range2:1000~20000MHz	-39.09	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range1:30~1000MHz	-48.79	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range2:1000~10000MHz	-40.7	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-48.53	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-40.52	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range1:30~1000MHz	-48.86	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range2:1000~10000MHz	-39.86	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range1:30~1000MHz	-49.24	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range2:1000~10000MHz	-40.63	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-49.2	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-40.13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range1:30~1000MHz	-48.99	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range2:1000~10000MHz	-40.19	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range1:30~1000MHz	-48.64	PASS

Band5	10MHz	QPSK	20450	1RB#0	Range2:1000~10000MHz	-39.87	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-49.93	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-40.23	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range1:30~1000MHz	-49.03	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range2:1000~10000MHz	-40	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range1:30~1000MHz	-47.86	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range2:1000~10000MHz	-40.37	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-49.4	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-40.73	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range1:30~1000MHz	-48.12	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range2:1000~10000MHz	-40.46	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range1:30~1000MHz	-47.96	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range2:1000~27000MHz	-35.78	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-46.77	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range2:1000~27000MHz	-36.57	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range1:30~1000MHz	-47.31	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range2:1000~27000MHz	-35.48	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range1:30~1000MHz	-48.07	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range2:1000~27000MHz	-36.27	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-48.12	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range2:1000~27000MHz	-34.55	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range1:30~1000MHz	-47.72	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range2:1000~27000MHz	-35.77	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range1:30~1000MHz	-48.66	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range2:1000~27000MHz	-35.87	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-49.21	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range2:1000~27000MHz	-36.41	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range1:30~1000MHz	-47.61	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range2:1000~27000MHz	-35.95	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range1:30~1000MHz	-47.19	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range2:1000~27000MHz	-35.32	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-47.52	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range2:1000~27000MHz	-35.3	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range1:30~1000MHz	-48.67	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range2:1000~27000MHz	-36.69	PASS
Band17	5MHz	QPSK	23755	1RB#0	Range1:30~1000MHz	-48.13	PASS
Band17	5MHz	QPSK	23755	1RB#0	Range2:1000~10000MHz	-39.85	PASS
Band17	5MHz	QPSK	23790	1RB#0	Range1:30~1000MHz	-48.44	PASS
Band17	5MHz	QPSK	23790	1RB#0	Range2:1000~10000MHz	-40.23	PASS
Band17	5MHz	QPSK	23825	1RB#0	Range1:30~1000MHz	-48.86	PASS
Band17	5MHz	QPSK	23825	1RB#0	Range2:1000~10000MHz	-40.71	PASS
Band17	5MHz	16QAM	23755	1RB#0	Range1:30~1000MHz	-48.62	PASS
Band17	5MHz	16QAM	23755	1RB#0	Range2:1000~10000MHz	-39.46	PASS

Band17	5MHz	16QAM	23790	1RB#0	Range1:30~1000MHz	-48.79	PASS
Band17	5MHz	16QAM	23790	1RB#0	Range2:1000~10000MHz	-40.14	PASS
Band17	5MHz	16QAM	23825	1RB#0	Range1:30~1000MHz	-49.24	PASS
Band17	5MHz	16QAM	23825	1RB#0	Range2:1000~10000MHz	-40.67	PASS
Band17	10MHz	QPSK	23780	1RB#0	Range1:30~1000MHz	-48.14	PASS
Band17	10MHz	QPSK	23780	1RB#0	Range2:1000~10000MHz	-40.66	PASS
Band17	10MHz	QPSK	23790	1RB#0	Range1:30~1000MHz	-48.95	PASS
Band17	10MHz	QPSK	23790	1RB#0	Range2:1000~10000MHz	-40.98	PASS
Band17	10MHz	QPSK	23800	1RB#0	Range1:30~1000MHz	-48.59	PASS
Band17	10MHz	QPSK	23800	1RB#0	Range2:1000~10000MHz	-40.52	PASS
Band17	10MHz	16QAM	23780	1RB#0	Range1:30~1000MHz	-48.46	PASS
Band17	10MHz	16QAM	23780	1RB#0	Range2:1000~10000MHz	-40.49	PASS
Band17	10MHz	16QAM	23790	1RB#0	Range1:30~1000MHz	-47.99	PASS
Band17	10MHz	16QAM	23790	1RB#0	Range2:1000~10000MHz	-39.3	PASS
Band17	10MHz	16QAM	23800	1RB#0	Range1:30~1000MHz	-49.04	PASS
Band17	10MHz	16QAM	23800	1RB#0	Range2:1000~10000MHz	-40.75	PASS

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

Test Graphs





Band2-1.4MHz-16QAM-18607-1RB#0-Range1:30~1000MHz

Band2-1.4MHz-16QAM-18607-1RB#0-Range2:1000~20000MHz



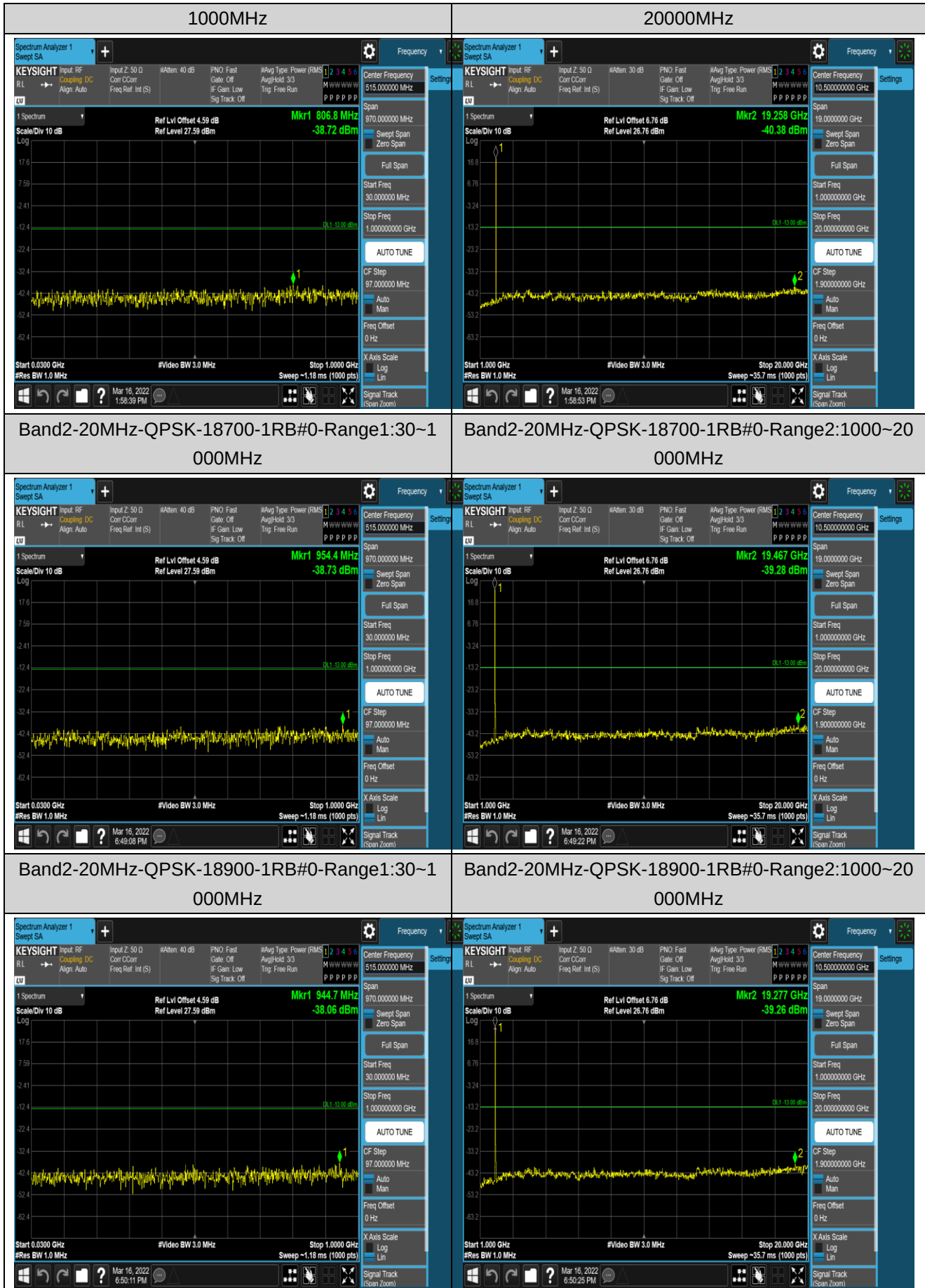
Band2-1.4MHz-16QAM-18900-1RB#0-Range1:30~1000MHz

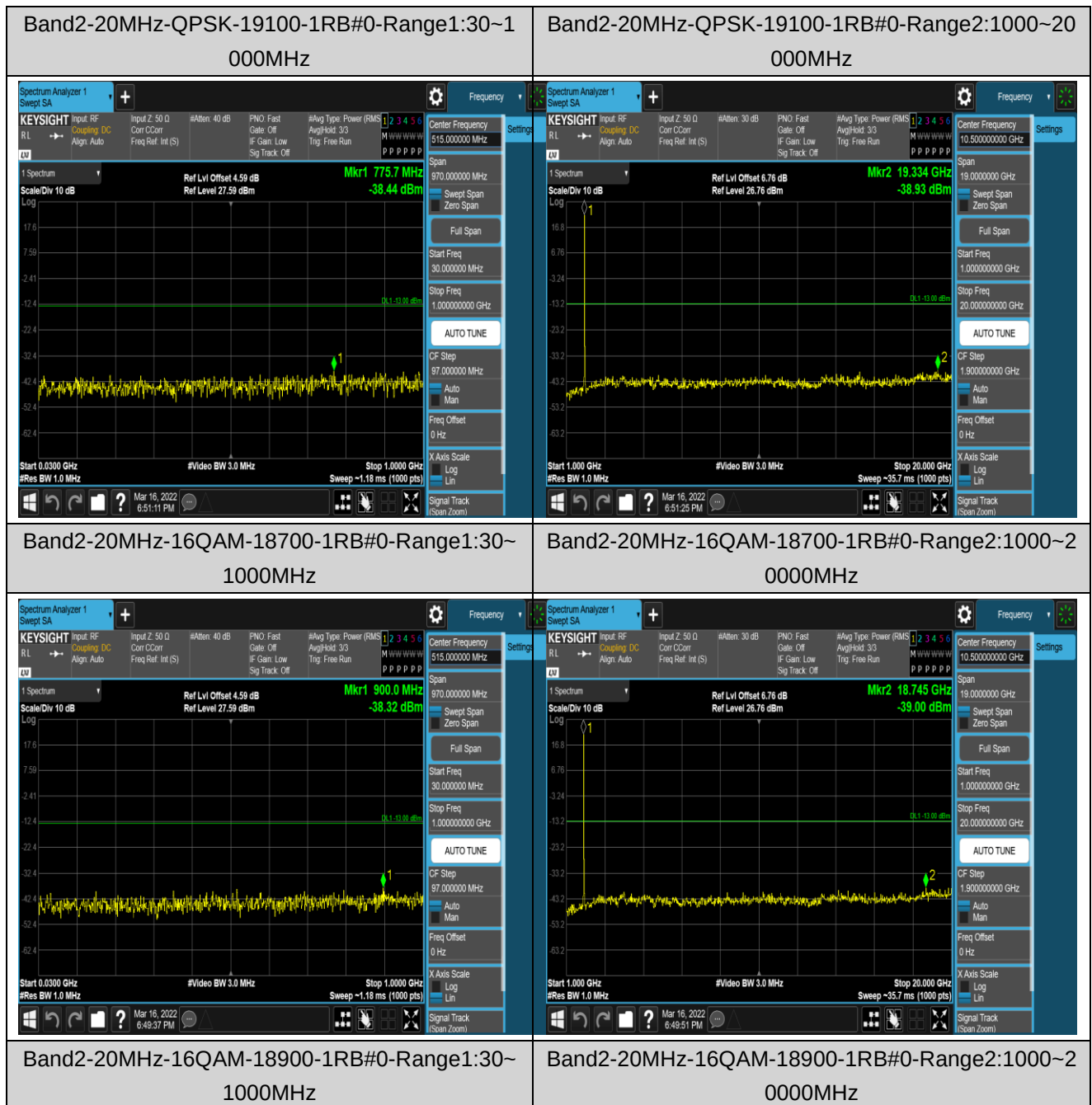
Band2-1.4MHz-16QAM-18900-1RB#0-Range2:1000~20000MHz

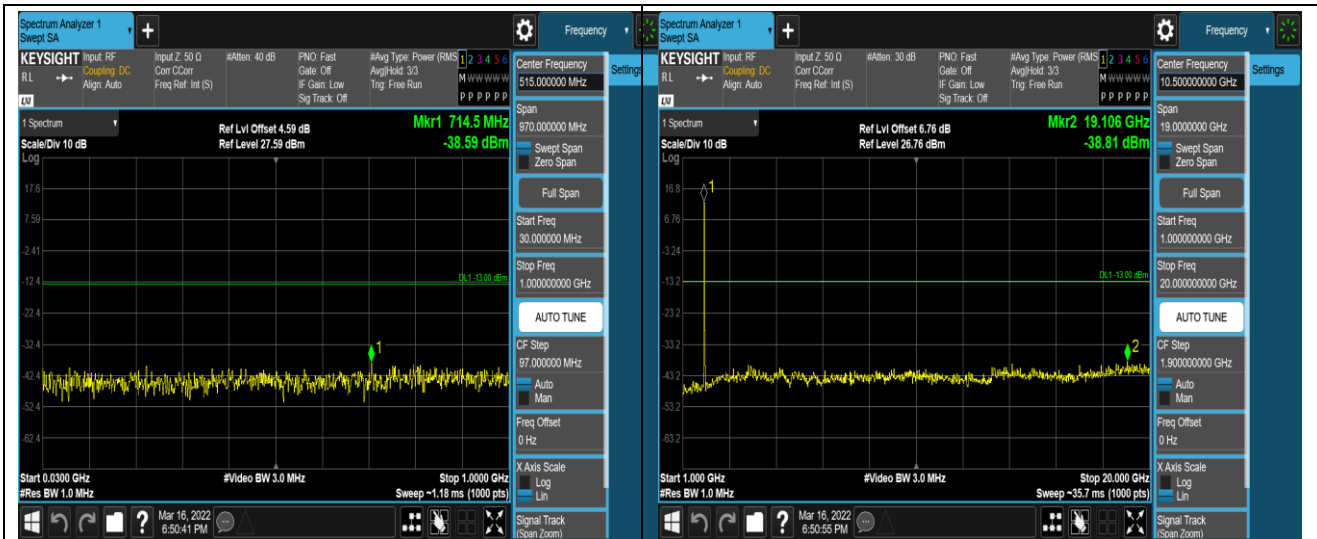


Band2-1.4MHz-16QAM-19193-1RB#0-Range1:30~1000MHz

Band2-1.4MHz-16QAM-19193-1RB#0-Range2:1000~20000MHz







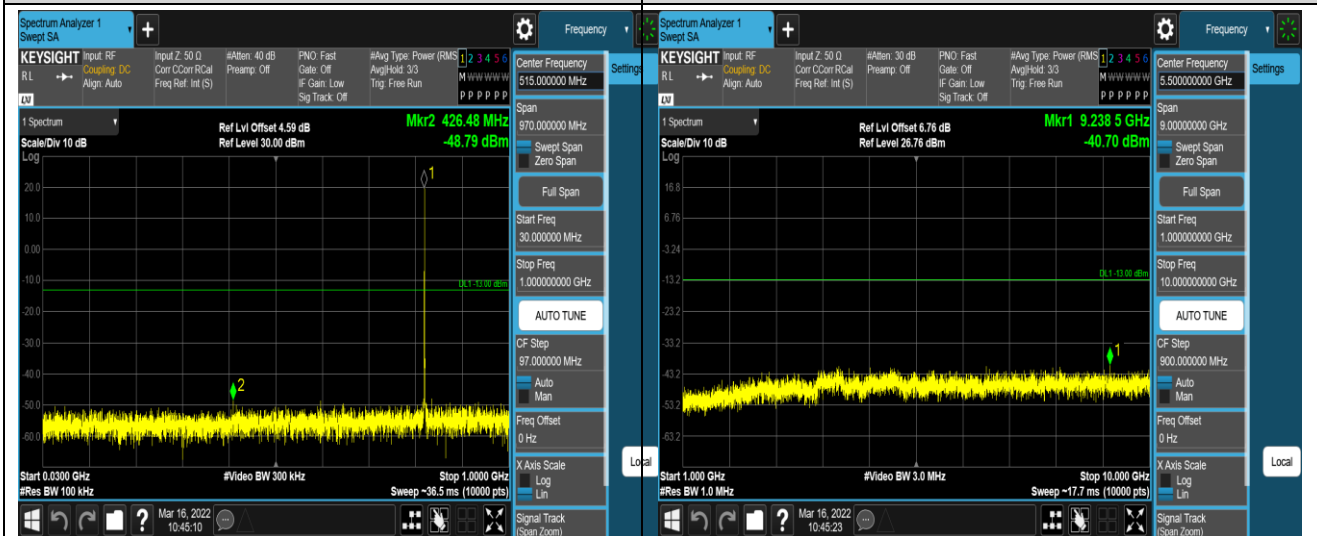
Band2-20MHz-16QAM-19100-1RB#0-Range1:30~1000MHz

Band2-20MHz-16QAM-19100-1RB#0-Range2:1000~2000MHz



Band5-1.4MHz-QPSK-20407-1RB#0-Range1:30~1000MHz

Band5-1.4MHz-QPSK-20407-1RB#0-Range2:1000~2000MHz



Band5-1.4MHz-QPSK-20525-1RB#0-Range1:30~1000MHz

Band5-1.4MHz-QPSK-20525-1RB#0-Range2:1000~2000MHz