

Appendix E: Conducted Spurious Emission

Test Result (worst case)

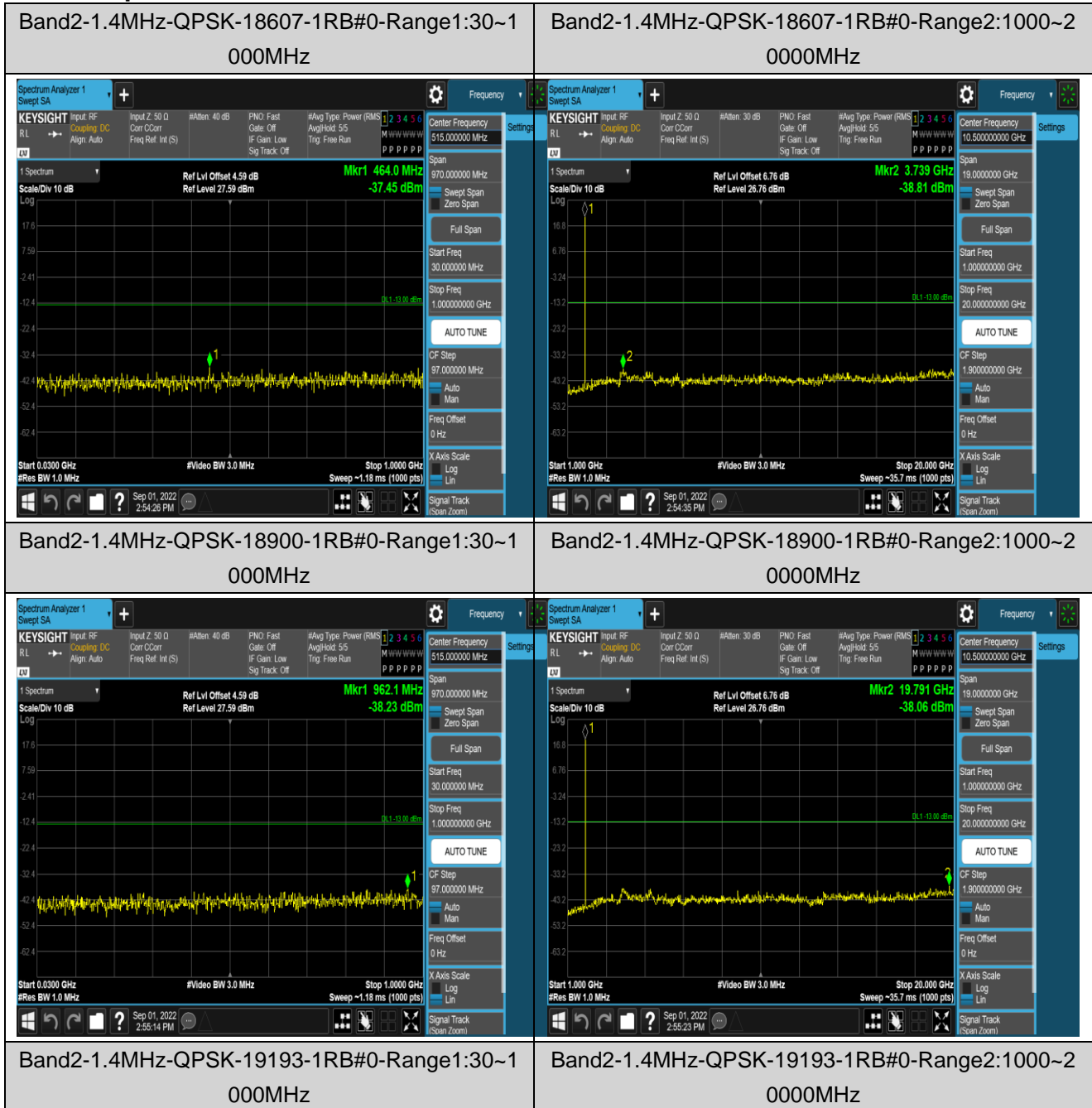
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	Range1:30~1000MHz	-37.46	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	Range2:1000~20000MHz	-38.81	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-38.23	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range2:1000~20000MHz	-38.06	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range1:30~1000MHz	-37.93	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range2:1000~20000MHz	-37.97	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range1:30~1000MHz	-37.08	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range2:1000~20000MHz	-38.43	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-34.02	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range2:1000~20000MHz	-38.26	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range1:30~1000MHz	-39.04	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range2:1000~20000MHz	-38.01	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range1:30~1000MHz	-38.1	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range2:1000~20000MHz	-39.01	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-37.91	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range2:1000~20000MHz	-38.15	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range1:30~1000MHz	-37.23	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range2:1000~20000MHz	-38.58	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range1:30~1000MHz	-38.33	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range2:1000~20000MHz	-38.57	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-37.52	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range2:1000~20000MHz	-38.45	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range1:30~1000MHz	-38.4	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range2:1000~20000MHz	-38.09	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range1:30~1000MHz	-47.09	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range2:1000~10000MHz	-39.35	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-46.78	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-39.06	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range1:30~1000MHz	-46.47	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range2:1000~10000MHz	-38.21	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range1:30~1000MHz	-46.96	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range2:1000~10000MHz	-37.62	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-46.93	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-38.08	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range1:30~1000MHz	-46.55	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range2:1000~10000MHz	-39.53	PASS

Band5	10MHz	QPSK	20450	1RB#0	Range1:30~1000MHz	-47.16	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range2:1000~10000MHz	-38.59	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-46.74	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-39.32	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range1:30~1000MHz	-47.17	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range2:1000~10000MHz	-39.43	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range1:30~1000MHz	-47.07	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range2:1000~10000MHz	-39.39	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-46.66	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-38.9	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range1:30~1000MHz	-47.12	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range2:1000~10000MHz	-36.09	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range1:30~1000MHz	-45.74	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range2:1000~10000MHz	-31.35	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-46.45	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-32.05	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range1:30~1000MHz	-46.31	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range2:1000~10000MHz	-31.15	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range1:30~1000MHz	-46.56	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range2:1000~10000MHz	-30.87	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-46.72	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-33.67	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range1:30~1000MHz	-47.02	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range2:1000~10000MHz	-30.44	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range1:30~1000MHz	-45.9	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range2:1000~10000MHz	-30.91	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-46.72	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-34.94	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range1:30~1000MHz	-47.09	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range2:1000~10000MHz	-31.92	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range1:30~1000MHz	-47.15	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range2:1000~10000MHz	-31.23	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-46.65	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-34.94	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range1:30~1000MHz	-45.59	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range2:1000~10000MHz	-31.9	PASS
Band17	5MHz	QPSK	23755	1RB#0	Range1:30~1000MHz	-46.7	PASS
Band17	5MHz	QPSK	23755	1RB#0	Range2:1000~10000MHz	-33.64	PASS
Band17	5MHz	QPSK	23790	1RB#0	Range1:30~1000MHz	-47.03	PASS
Band17	5MHz	QPSK	23790	1RB#0	Range2:1000~10000MHz	-32.65	PASS
Band17	5MHz	QPSK	23825	1RB#0	Range1:30~1000MHz	-47.22	PASS
Band17	5MHz	QPSK	23825	1RB#0	Range2:1000~10000MHz	-29.51	PASS

Band17	5MHz	16QAM	23755	1RB#0	Range1:30~1000MHz	-47.32	PASS
Band17	5MHz	16QAM	23755	1RB#0	Range2:1000~10000MHz	-34.64	PASS
Band17	5MHz	16QAM	23790	1RB#0	Range1:30~1000MHz	-46.82	PASS
Band17	5MHz	16QAM	23790	1RB#0	Range2:1000~10000MHz	-32.64	PASS
Band17	5MHz	16QAM	23825	1RB#0	Range1:30~1000MHz	-47.19	PASS
Band17	5MHz	16QAM	23825	1RB#0	Range2:1000~10000MHz	-29.45	PASS
Band17	10MHz	QPSK	23780	1RB#0	Range1:30~1000MHz	-48.46	PASS
Band17	10MHz	QPSK	23780	1RB#0	Range2:1000~10000MHz	-33.47	PASS
Band17	10MHz	QPSK	23790	1RB#0	Range1:30~1000MHz	-49.17	PASS
Band17	10MHz	QPSK	23790	1RB#0	Range2:1000~10000MHz	-32.14	PASS
Band17	10MHz	16QAM	23780	1RB#0	Range1:30~1000MHz	-47.83	PASS
Band17	10MHz	16QAM	23780	1RB#0	Range2:1000~10000MHz	-36	PASS
Band17	10MHz	16QAM	23790	1RB#0	Range1:30~1000MHz	-48.81	PASS
Band17	10MHz	16QAM	23790	1RB#0	Range2:1000~10000MHz	-28.8	PASS
Band66	1.4MHz	QPSK	131979	1RB#0	Range1:30~1000MHz	-38.79	PASS
Band66	1.4MHz	QPSK	131979	1RB#0	Range2:1000~20000MHz	-38.93	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	Range1:30~1000MHz	-38.5	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	Range2:1000~20000MHz	-38.51	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	Range1:30~1000MHz	-38.36	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	Range2:1000~20000MHz	-38.7	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	Range1:30~1000MHz	-37.54	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	Range2:1000~20000MHz	-38.35	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	Range1:30~1000MHz	-39.14	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	Range2:1000~20000MHz	-38.19	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	Range1:30~1000MHz	-38.54	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	Range2:1000~20000MHz	-38.55	PASS
Band66	20MHz	QPSK	132072	1RB#0	Range1:30~1000MHz	-38.59	PASS
Band66	20MHz	QPSK	132072	1RB#0	Range2:1000~20000MHz	-36.55	PASS
Band66	20MHz	QPSK	132322	1RB#0	Range1:30~1000MHz	-38.63	PASS
Band66	20MHz	QPSK	132322	1RB#0	Range2:1000~20000MHz	-36.47	PASS
Band66	20MHz	QPSK	132572	1RB#0	Range1:30~1000MHz	-39.25	PASS
Band66	20MHz	QPSK	132572	1RB#0	Range2:1000~20000MHz	-37.45	PASS
Band66	20MHz	16QAM	132072	1RB#0	Range1:30~1000MHz	-38.41	PASS
Band66	20MHz	16QAM	132072	1RB#0	Range2:1000~20000MHz	-38.74	PASS
Band66	20MHz	16QAM	132322	1RB#0	Range1:30~1000MHz	-39.1	PASS
Band66	20MHz	16QAM	132322	1RB#0	Range2:1000~20000MHz	-37.33	PASS
Band66	20MHz	16QAM	132572	1RB#0	Range1:30~1000MHz	-39.41	PASS
Band66	20MHz	16QAM	132572	1RB#0	Range2:1000~20000MHz	-37.74	PASS

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

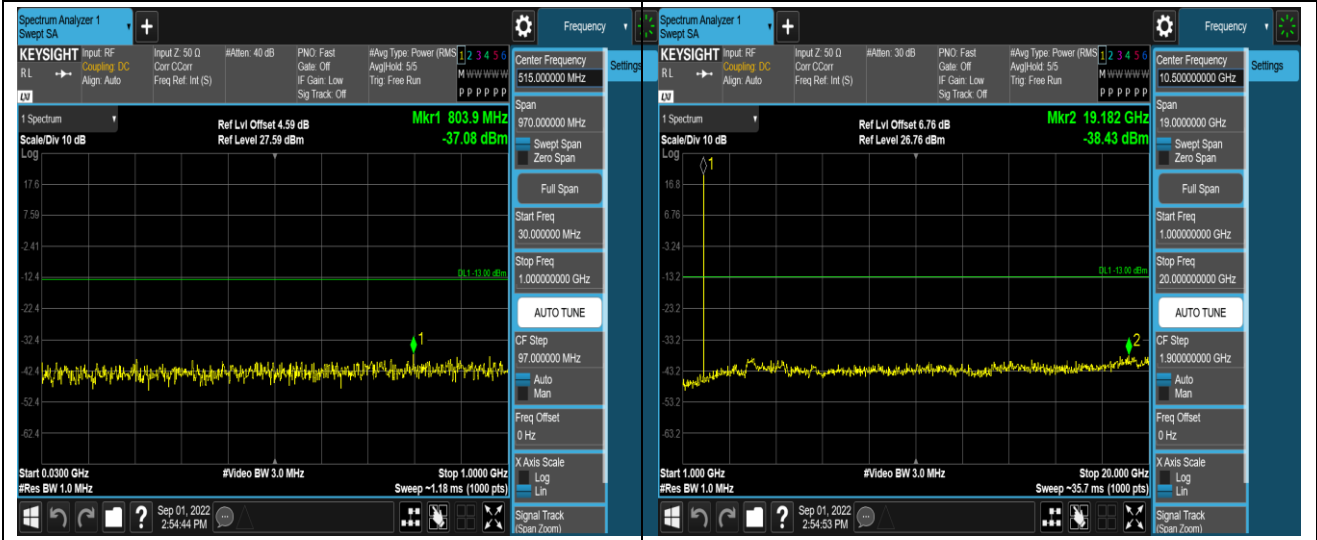
Test Graphs





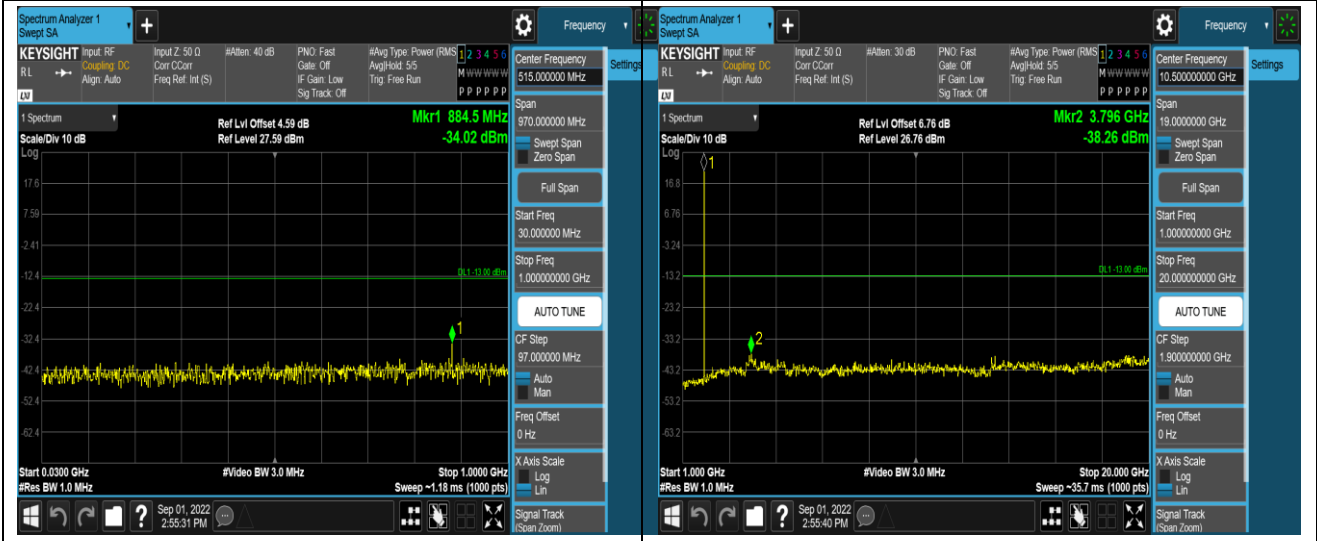
Band2-1.4MHz-16QAM-18607-1RB#0-Range1:30~1000MHz

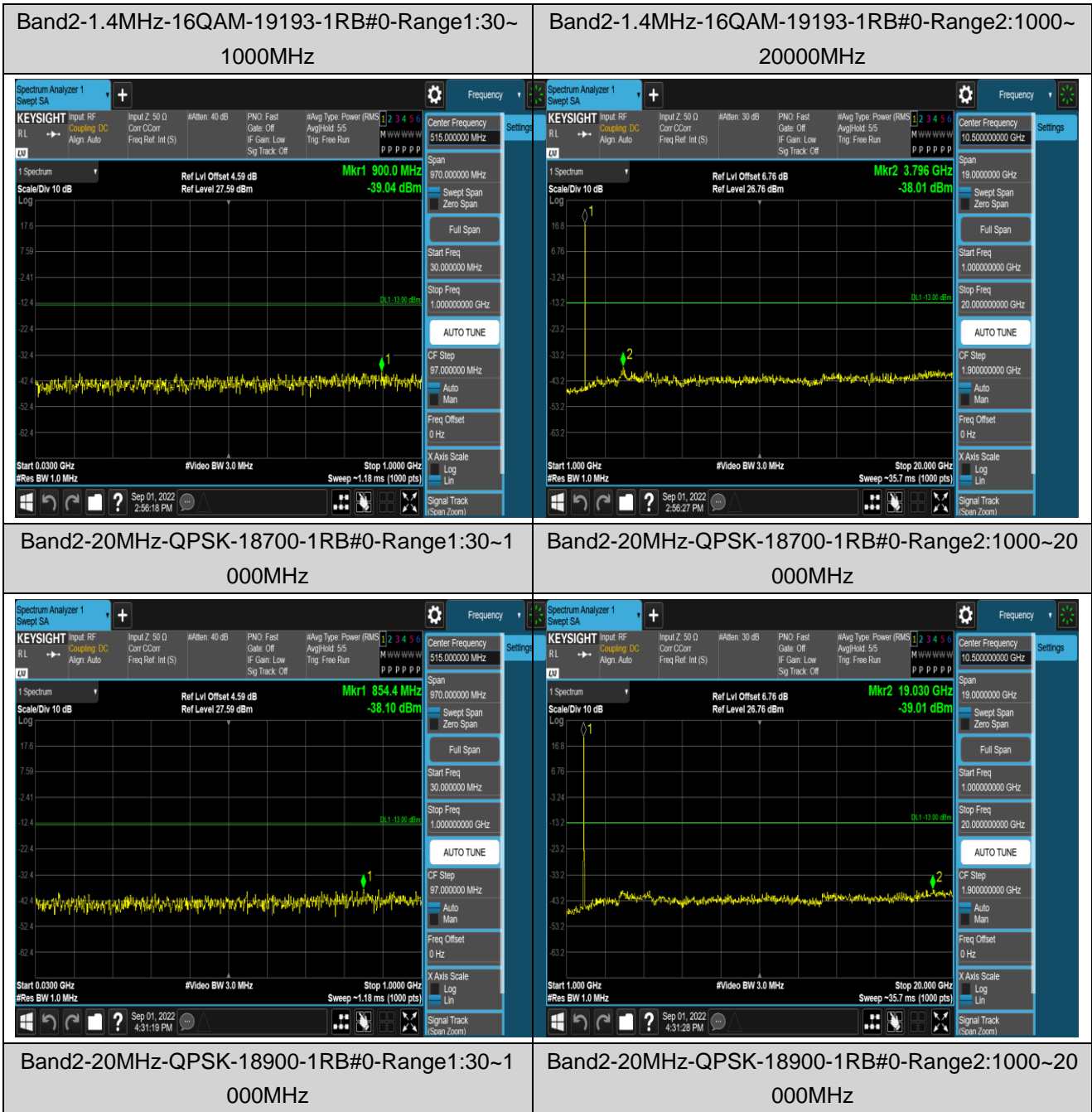
Band2-1.4MHz-16QAM-18607-1RB#0-Range2:1000~20000MHz

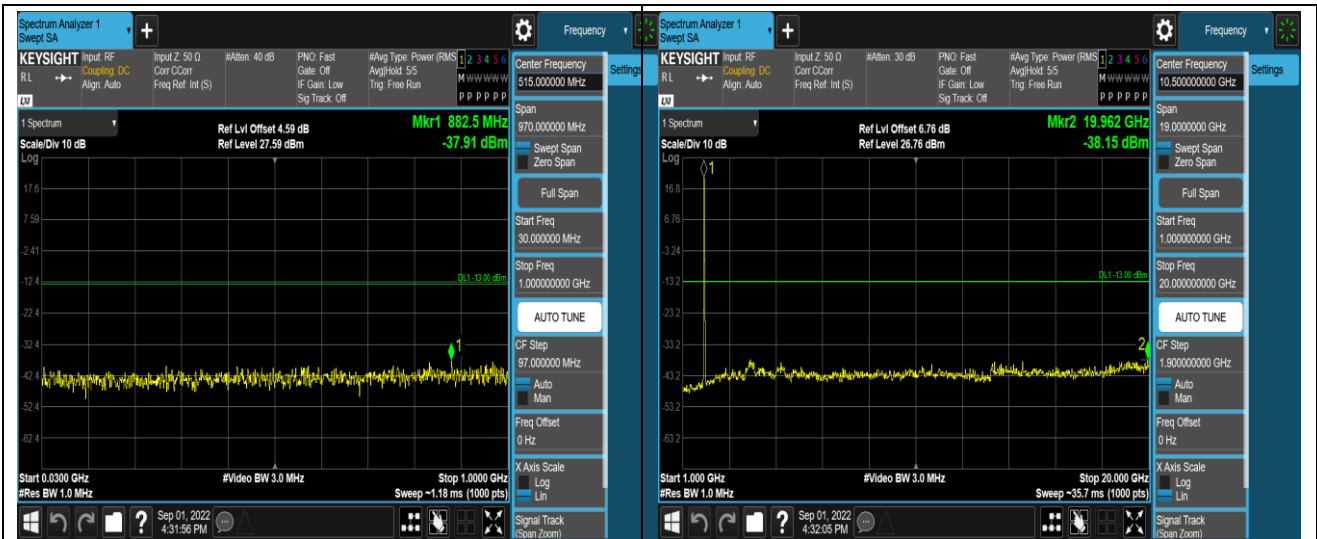


Band2-1.4MHz-16QAM-18900-1RB#0-Range1:30~1000MHz

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

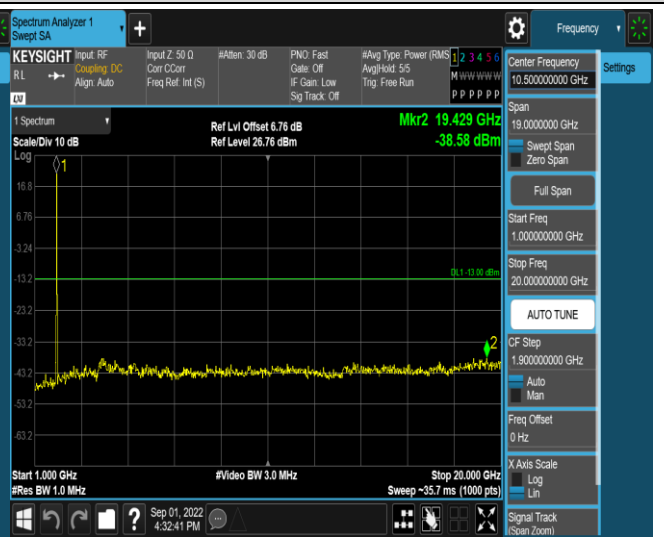






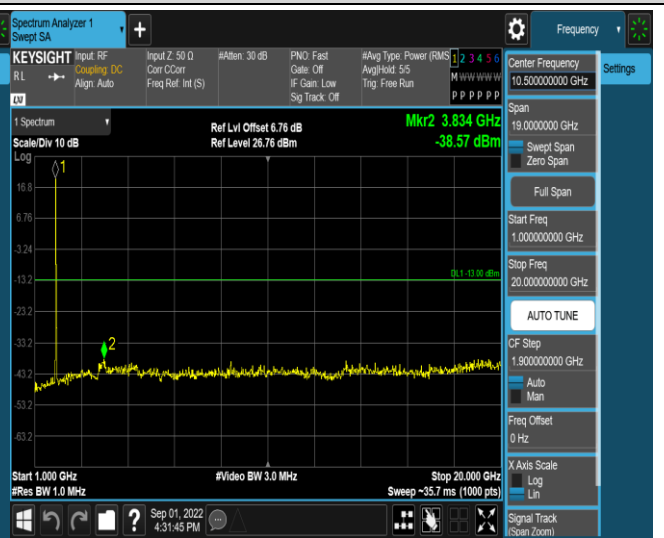
Band2-20MHz-QPSK-19100-1RB#0-Range1:30~1000MHz

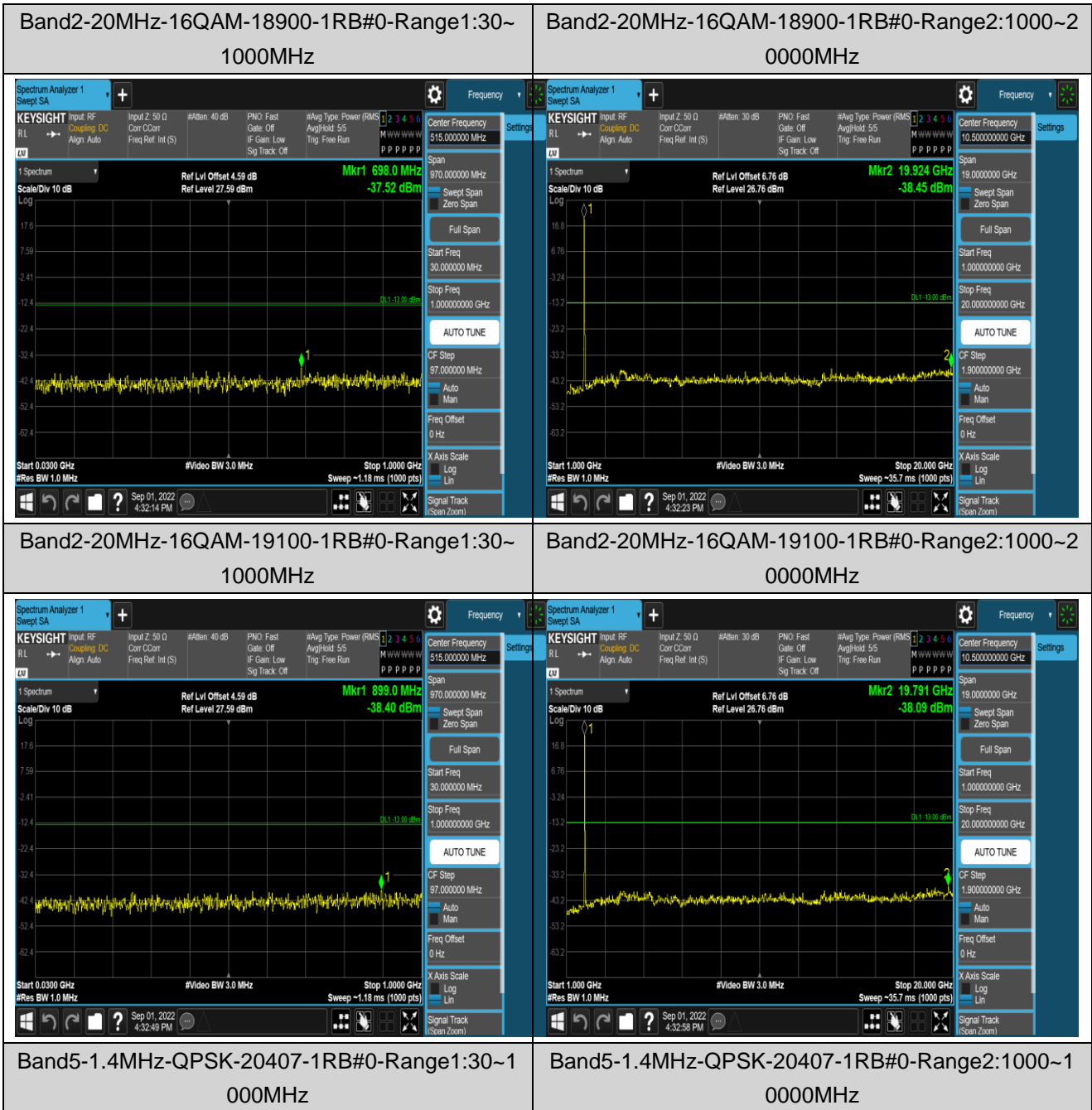
Band2-20MHz-QPSK-19100-1RB#0-Range2:1000~20000MHz

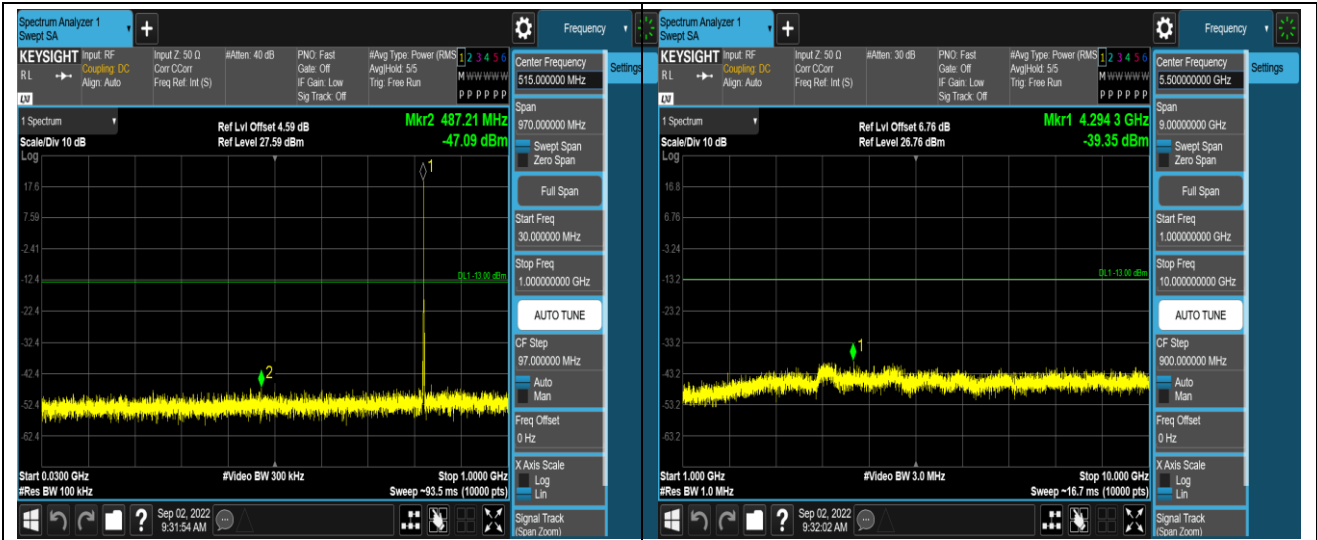


Band2-20MHz-16QAM-18700-1RB#0-Range1:30~1000MHz

Band2-20MHz-16QAM-18700-1RB#0-Range2:1000~20000MHz

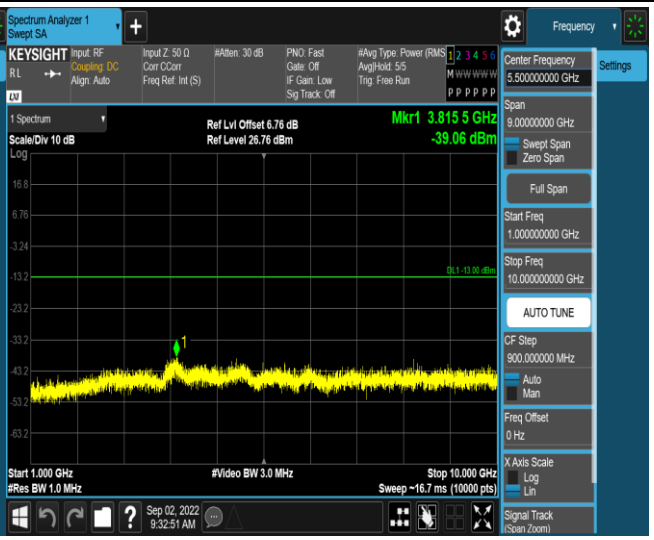
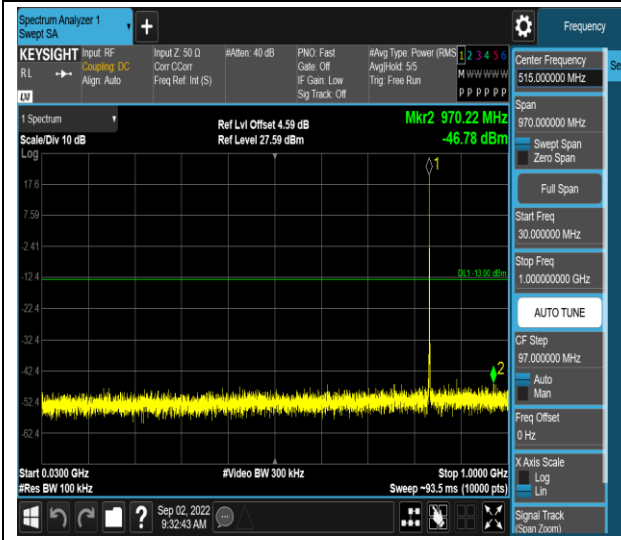






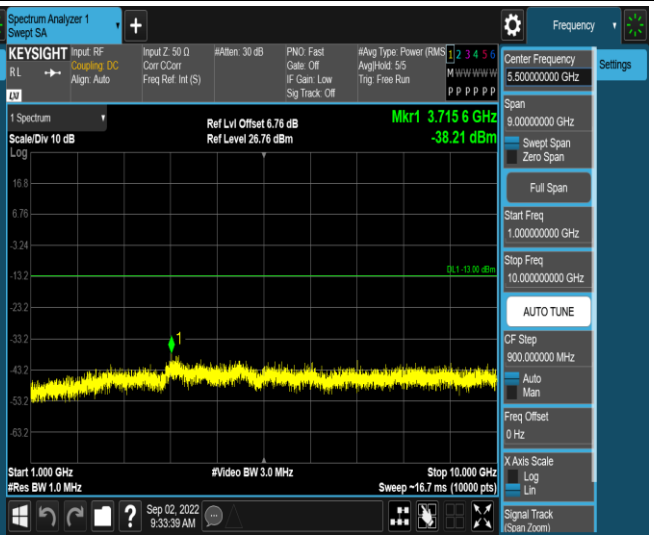
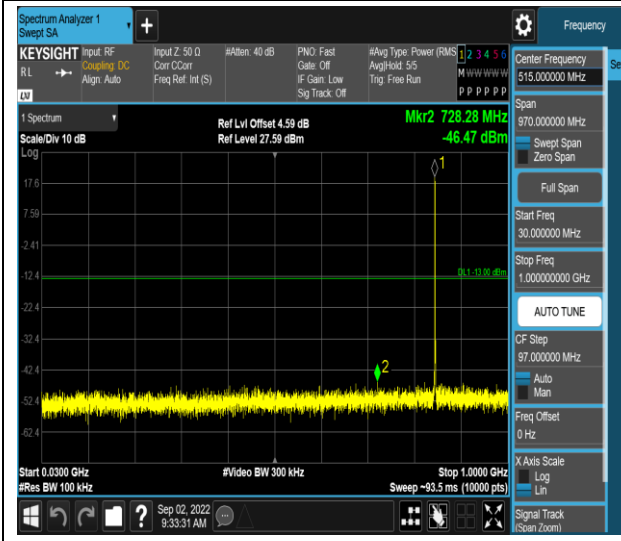
Band5-1.4MHz-QPSK-20525-1RB#0-Range1:30~1000MHz

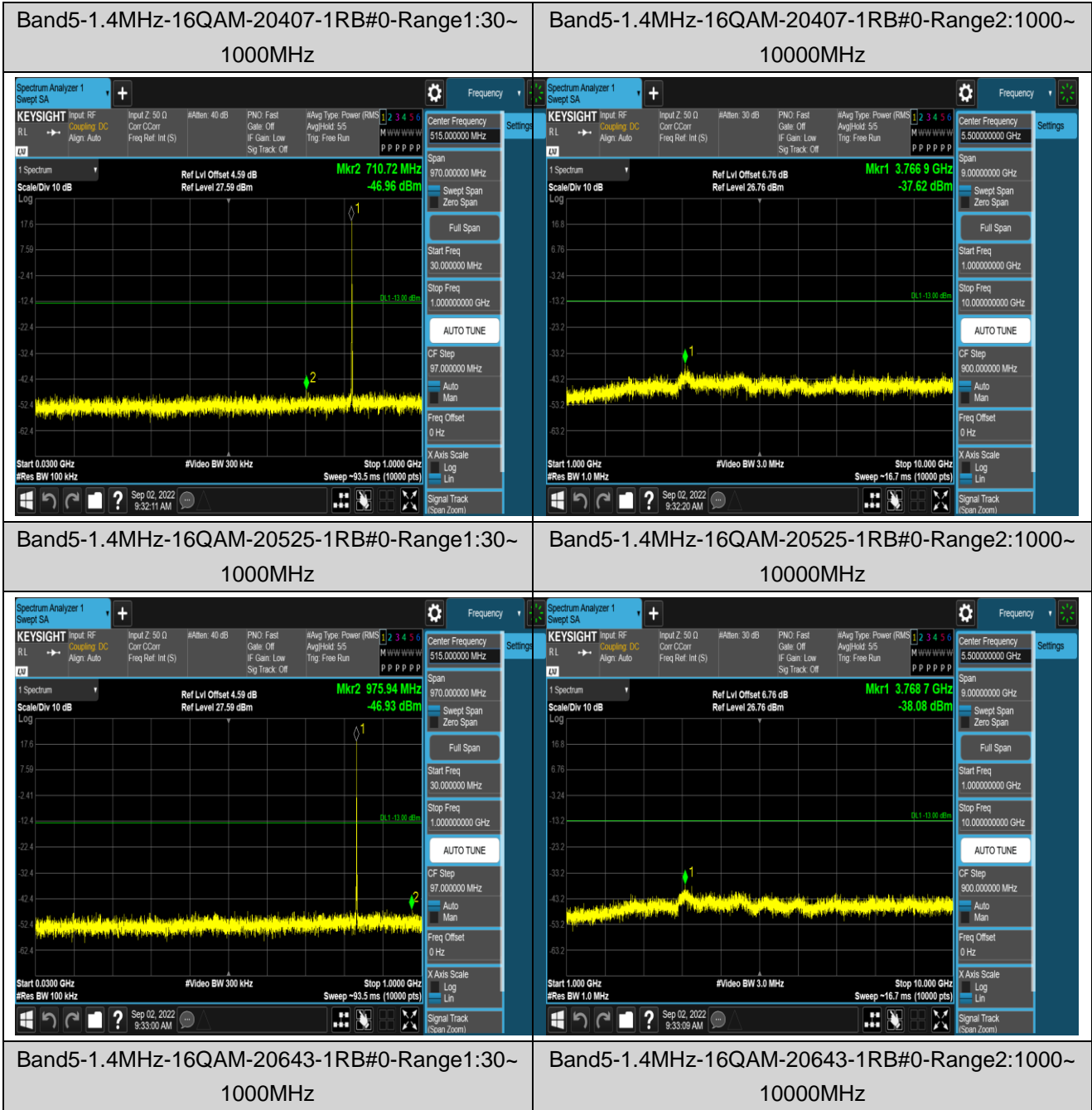
Band5-1.4MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



Band5-1.4MHz-QPSK-20643-1RB#0-Range1:30~1000MHz

Band5-1.4MHz-QPSK-20643-1RB#0-Range2:1000~10000MHz

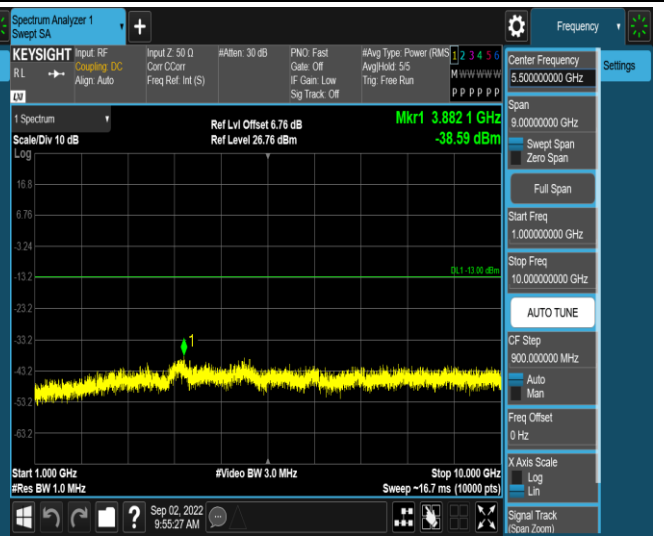
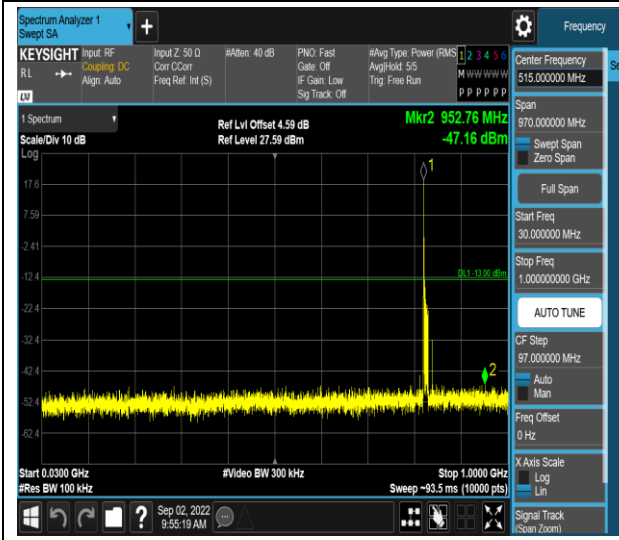






Band5-10MHz-QPSK-20450-1RB#0-Range1:30~1000MHz

Band5-10MHz-QPSK-20450-1RB#0-Range2:1000~10000MHz



Band5-10MHz-QPSK-20525-1RB#0-Range1:30~1000MHz

Band5-10MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz

