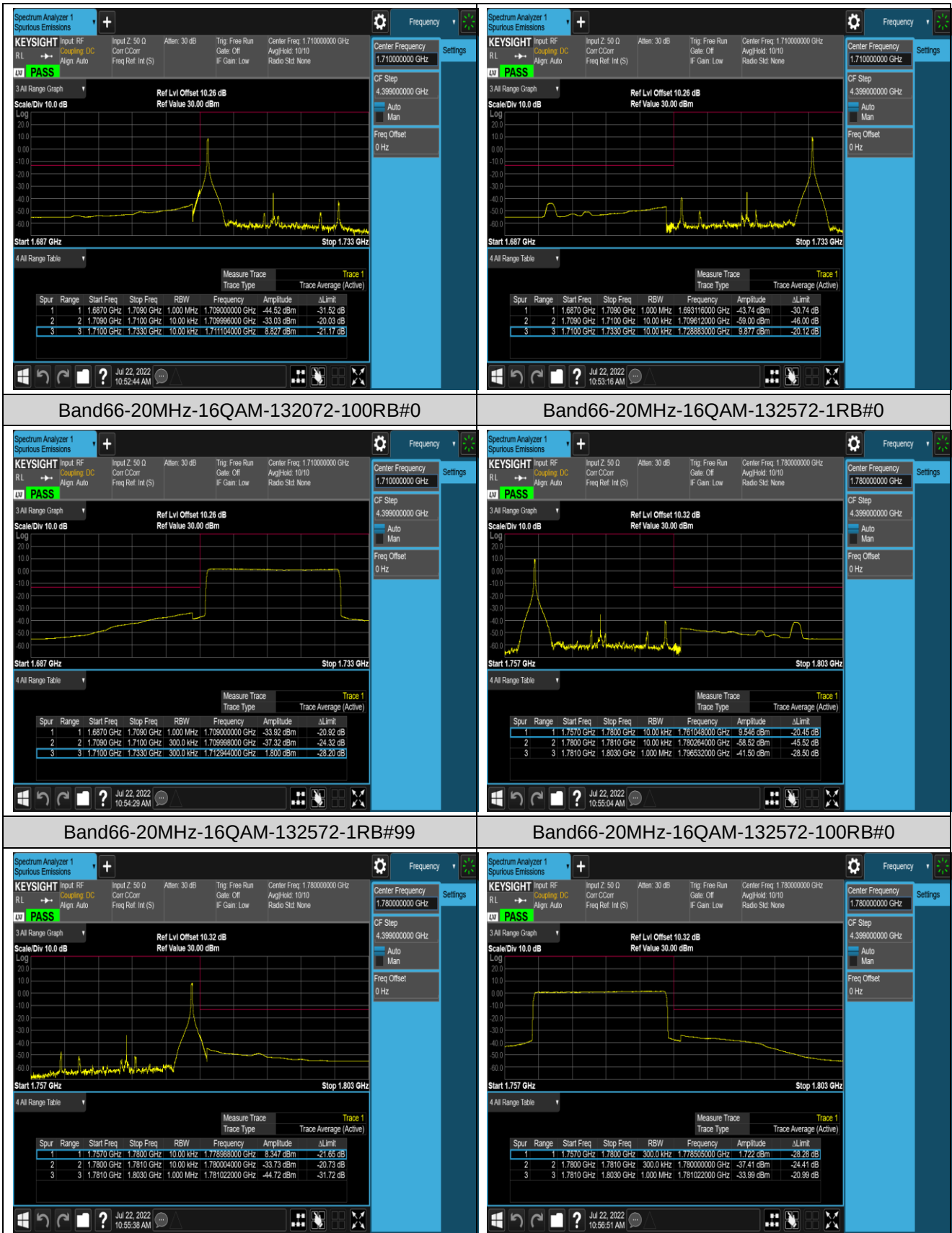




Appendix E: Conducted Spurious Emission

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	-38.25	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	Range2:1000~20000MHz	-38.68	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-37.93	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range2:1000~20000MHz	-38	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range1:30~1000MHz	-38.23	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range2:1000~20000MHz	-38.31	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range1:30~1000MHz	-38.25	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range2:1000~20000MHz	-38.35	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-38.24	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range2:1000~20000MHz	-38.3	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range1:30~1000MHz	-38.18	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range2:1000~20000MHz	-38.38	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range1:30~1000MHz	-37.32	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range2:1000~20000MHz	-38.7	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-38.58	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range2:1000~20000MHz	-38.53	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range1:30~1000MHz	-38.76	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range2:1000~20000MHz	-38.32	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range1:30~1000MHz	-37.88	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range2:1000~20000MHz	-36.87	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-37.01	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range2:1000~20000MHz	-38.37	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range1:30~1000MHz	-37.96	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range2:1000~20000MHz	-37.9	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range1:30~1000MHz	-47.63	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range2:1000~10000MHz	-38.17	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-47.96	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-38.1	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range1:30~1000MHz	-32.68	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range2:1000~10000MHz	-38.28	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range1:30~1000MHz	-46.22	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range2:1000~10000MHz	-38.79	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-46.93	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-38.91	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range1:30~1000MHz	-33.08	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range2:1000~10000MHz	-33.37	PASS

Band5	10MHz	QPSK	20450	1RB#0	Range1:30~1000MHz	-47.17	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range2:1000~10000MHz	-39.28	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-47.57	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-38.59	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range1:30~1000MHz	-47.96	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range2:1000~10000MHz	-38.8	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range1:30~1000MHz	-47.69	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range2:1000~10000MHz	-38.84	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-47.83	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-37.19	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range1:30~1000MHz	-46.41	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range2:1000~10000MHz	-38.73	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range1:30~1000MHz	-47.07	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range2:1000~27000MHz	-35.78	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-46.79	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range2:1000~27000MHz	-35.44	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range1:30~1000MHz	-47.6	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range2:1000~27000MHz	-34.52	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range1:30~1000MHz	-47.17	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range2:1000~27000MHz	-32.46	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-47.57	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range2:1000~27000MHz	-35.14	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range1:30~1000MHz	-48.4	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range2:1000~27000MHz	-35.98	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range1:30~1000MHz	-47.71	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range2:1000~27000MHz	-35.05	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-48.11	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range2:1000~27000MHz	-35.58	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range1:30~1000MHz	-47.96	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range2:1000~27000MHz	-35.32	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range1:30~1000MHz	-47.84	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range2:1000~27000MHz	-35.62	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-47.02	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range2:1000~27000MHz	-35.67	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range1:30~1000MHz	-48.52	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range2:1000~27000MHz	-35.14	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range1:30~1000MHz	-46.96	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range2:1000~10000MHz	-37.56	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-47.47	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-37.84	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range1:30~1000MHz	-47.14	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range2:1000~10000MHz	-38.53	PASS

Band12	1.4MHz	16QAM	23017	1RB#0	Range1:30~1000MHz	-46.78	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range2:1000~10000MHz	-37.79	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-46.88	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-38.9	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range1:30~1000MHz	-46.07	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range2:1000~10000MHz	-38.34	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range1:30~1000MHz	-46.25	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range2:1000~10000MHz	-38.49	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-46.32	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-38.6	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range1:30~1000MHz	-47.67	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range2:1000~10000MHz	-39.37	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range1:30~1000MHz	-47.54	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range2:1000~10000MHz	-38.33	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-46.6	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-38.19	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range1:30~1000MHz	-46.52	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range2:1000~10000MHz	-39.51	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range1:30~1000MHz	-47.22	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range2:1000~10000MHz	-37.98	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range3:1559~1610MHz	-60.6	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range1:30~1000MHz	-46.72	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range2:1000~10000MHz	-37.82	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range3:1559~1610MHz	-52.33	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range1:30~1000MHz	-47.03	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range2:1000~10000MHz	-38.86	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range3:1559~1610MHz	-56.96	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range1:30~1000MHz	-47.55	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range2:1000~10000MHz	-39.05	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range3:1559~1610MHz	-60.61	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range1:30~1000MHz	-46.5	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range2:1000~10000MHz	-38.98	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range3:1559~1610MHz	-53.43	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range1:30~1000MHz	-47.22	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range2:1000~10000MHz	-38.93	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range3:1559~1610MHz	-58.39	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range1:30~1000MHz	-46.16	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range2:1000~10000MHz	-39.72	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range3:1559~1610MHz	-61.06	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range1:30~1000MHz	-46.44	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range2:1000~10000MHz	-39.06	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range3:1559~1610MHz	-60.61	PASS

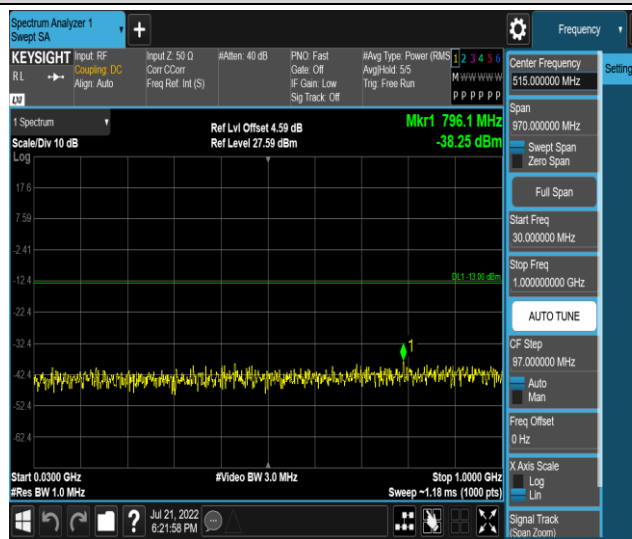
Band17	5MHz	QPSK	23755	1RB#0	Range1:30~1000MHz	-48.33	PASS
Band17	5MHz	QPSK	23755	1RB#0	Range2:1000~10000MHz	-40.17	PASS
Band17	5MHz	QPSK	23790	1RB#0	Range1:30~1000MHz	-49.07	PASS
Band17	5MHz	QPSK	23790	1RB#0	Range2:1000~10000MHz	-40.65	PASS
Band17	5MHz	QPSK	23825	1RB#0	Range1:30~1000MHz	-48.31	PASS
Band17	5MHz	QPSK	23825	1RB#0	Range2:1000~10000MHz	-40.25	PASS
Band17	5MHz	16QAM	23755	1RB#0	Range1:30~1000MHz	-48.85	PASS
Band17	5MHz	16QAM	23755	1RB#0	Range2:1000~10000MHz	-39.99	PASS
Band17	5MHz	16QAM	23790	1RB#0	Range1:30~1000MHz	-48.21	PASS
Band17	5MHz	16QAM	23790	1RB#0	Range2:1000~10000MHz	-40.22	PASS
Band17	5MHz	16QAM	23825	1RB#0	Range1:30~1000MHz	-48.65	PASS
Band17	5MHz	16QAM	23825	1RB#0	Range2:1000~10000MHz	-38.91	PASS
Band17	10MHz	QPSK	23780	1RB#0	Range1:30~1000MHz	-48.51	PASS
Band17	10MHz	QPSK	23780	1RB#0	Range2:1000~10000MHz	-39.76	PASS
Band17	10MHz	QPSK	23790	1RB#0	Range1:30~1000MHz	-48.21	PASS
Band17	10MHz	QPSK	23790	1RB#0	Range2:1000~10000MHz	-40.53	PASS
Band17	10MHz	QPSK	23800	1RB#0	Range1:30~1000MHz	-47.71	PASS
Band17	10MHz	QPSK	23800	1RB#0	Range2:1000~10000MHz	-40	PASS
Band17	10MHz	16QAM	23780	1RB#0	Range1:30~1000MHz	-48.17	PASS
Band17	10MHz	16QAM	23780	1RB#0	Range2:1000~10000MHz	-39.95	PASS
Band17	10MHz	16QAM	23790	1RB#0	Range1:30~1000MHz	-48.35	PASS
Band17	10MHz	16QAM	23790	1RB#0	Range2:1000~10000MHz	-40.05	PASS
Band17	10MHz	16QAM	23800	1RB#0	Range1:30~1000MHz	-48.24	PASS
Band17	10MHz	16QAM	23800	1RB#0	Range2:1000~10000MHz	-39.95	PASS
Band66	1.4MHz	QPSK	131979	1RB#0	Range1:30~1000MHz	-38.11	PASS
Band66	1.4MHz	QPSK	131979	1RB#0	Range2:1000~20000MHz	-37.83	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	Range1:30~1000MHz	-38.86	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	Range2:1000~20000MHz	-38.03	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	Range1:30~1000MHz	-37.41	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	Range2:1000~20000MHz	-38.06	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	Range1:30~1000MHz	-37.96	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	Range2:1000~20000MHz	-37.82	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	Range1:30~1000MHz	-37.62	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	Range2:1000~20000MHz	-38.53	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	Range1:30~1000MHz	-37.88	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	Range2:1000~20000MHz	-37.84	PASS
Band66	20MHz	QPSK	132072	1RB#0	Range1:30~1000MHz	-38.43	PASS
Band66	20MHz	QPSK	132072	1RB#0	Range2:1000~20000MHz	-37.98	PASS
Band66	20MHz	QPSK	132322	1RB#0	Range1:30~1000MHz	-37.5	PASS
Band66	20MHz	QPSK	132322	1RB#0	Range2:1000~20000MHz	-37.2	PASS
Band66	20MHz	QPSK	132572	1RB#0	Range1:30~1000MHz	-37.86	PASS
Band66	20MHz	QPSK	132572	1RB#0	Range2:1000~20000MHz	-38.05	PASS

Band66	20MHz	16QAM	132072	1RB#0	Range1:30~1000MHz	-37.31	PASS
Band66	20MHz	16QAM	132072	1RB#0	Range2:1000~20000MHz	-38.15	PASS
Band66	20MHz	16QAM	132322	1RB#0	Range1:30~1000MHz	-38.82	PASS
Band66	20MHz	16QAM	132322	1RB#0	Range2:1000~20000MHz	-38.57	PASS
Band66	20MHz	16QAM	132572	1RB#0	Range1:30~1000MHz	-36.47	PASS
Band66	20MHz	16QAM	132572	1RB#0	Range2:1000~20000MHz	-38.48	PASS

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

Test Graphs

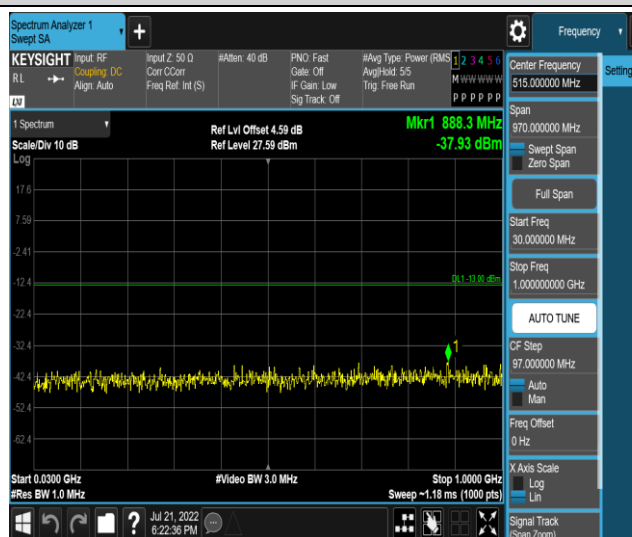
Band2-1.4MHz-QPSK-18607-1RB#0-Range1:30~1000MHz



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



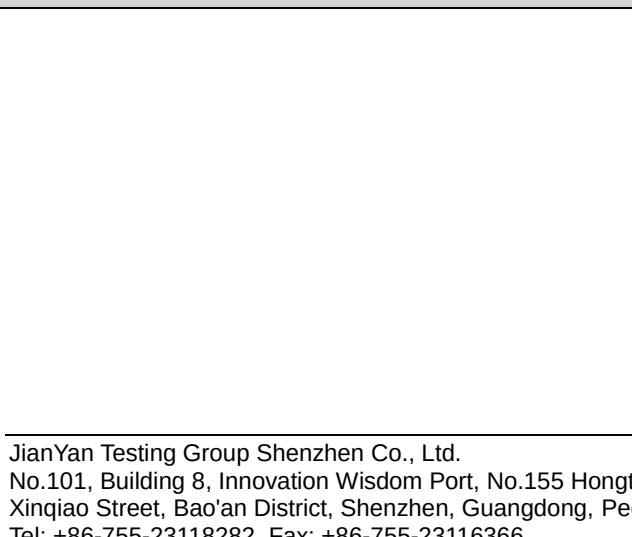
Band2-1.4MHz-QPSK-18900-1RB#0-Range1:30~1000MHz



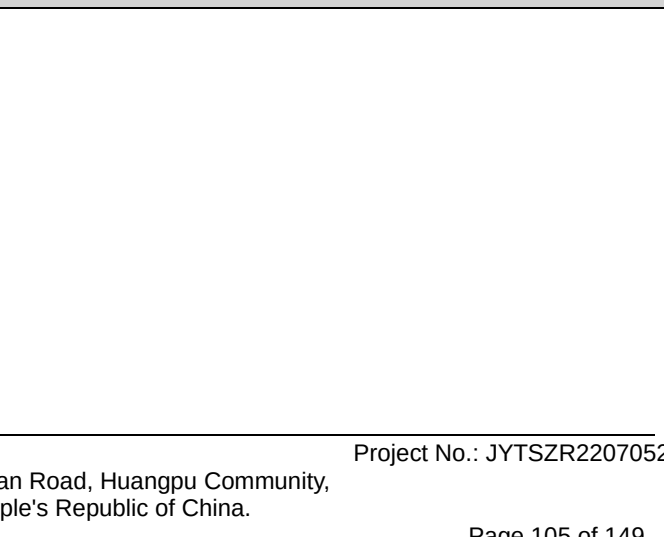
Band2-1.4MHz-QPSK-18900-1RB#0-Range2:1000~20000MHz



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



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





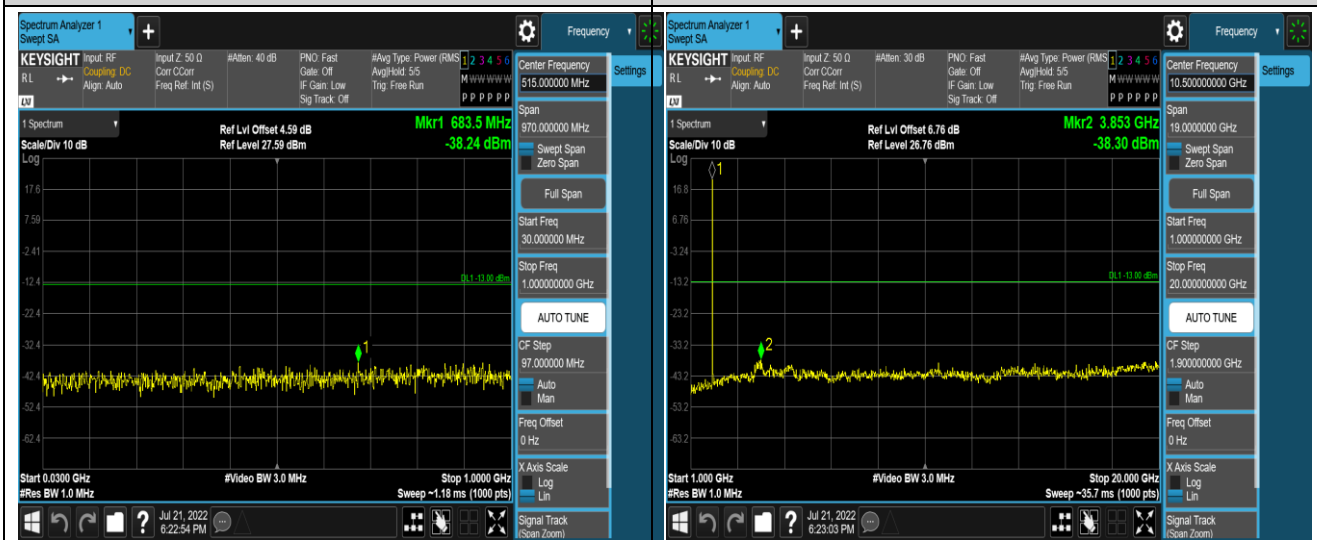
Band2-1.4MHz-16QAM-18607-1RB#0-Range1:30~1000MHz

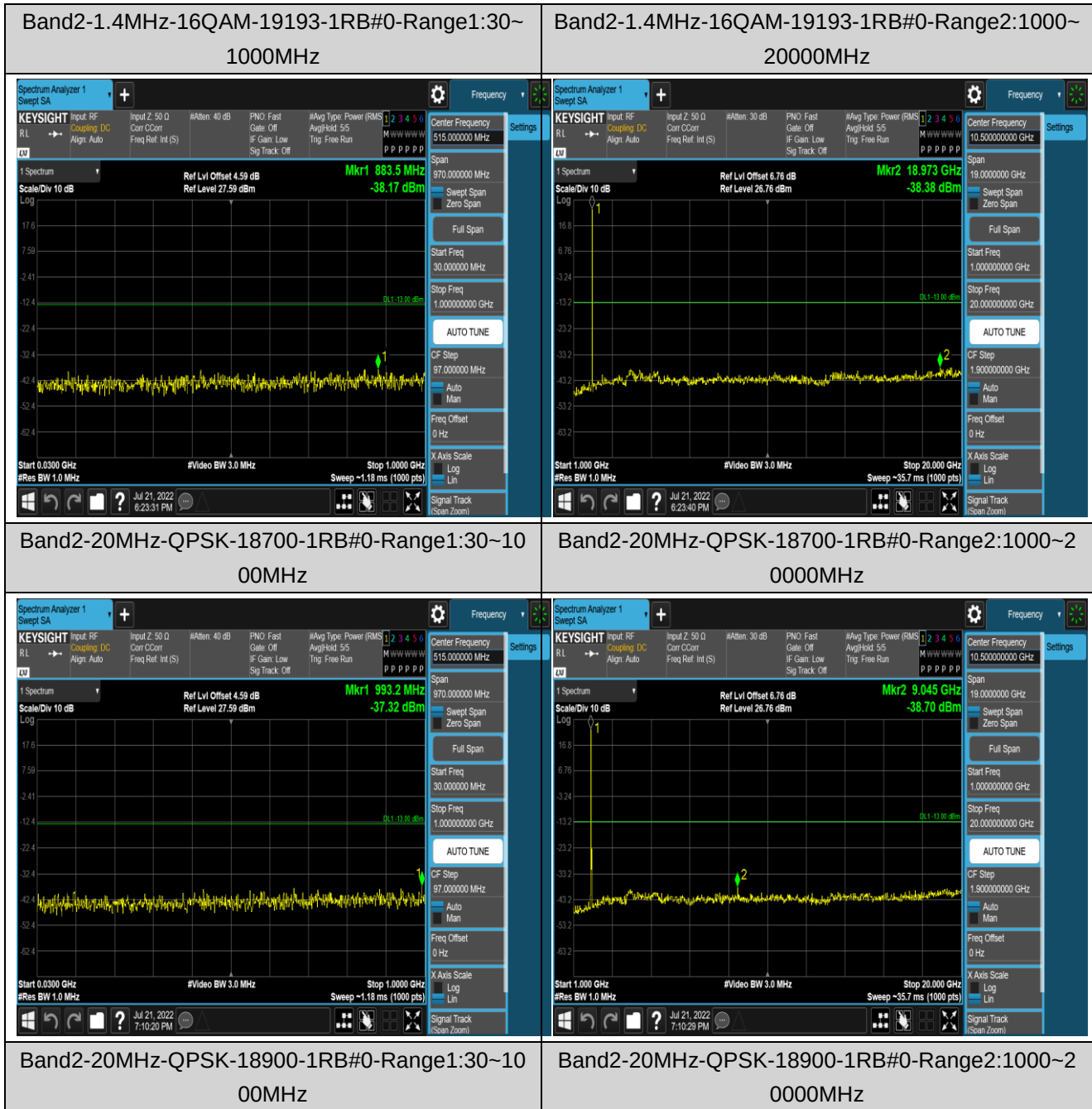
Band2-1.4MHz-16QAM-18607-1RB#0-Range2:1000~20000MHz



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

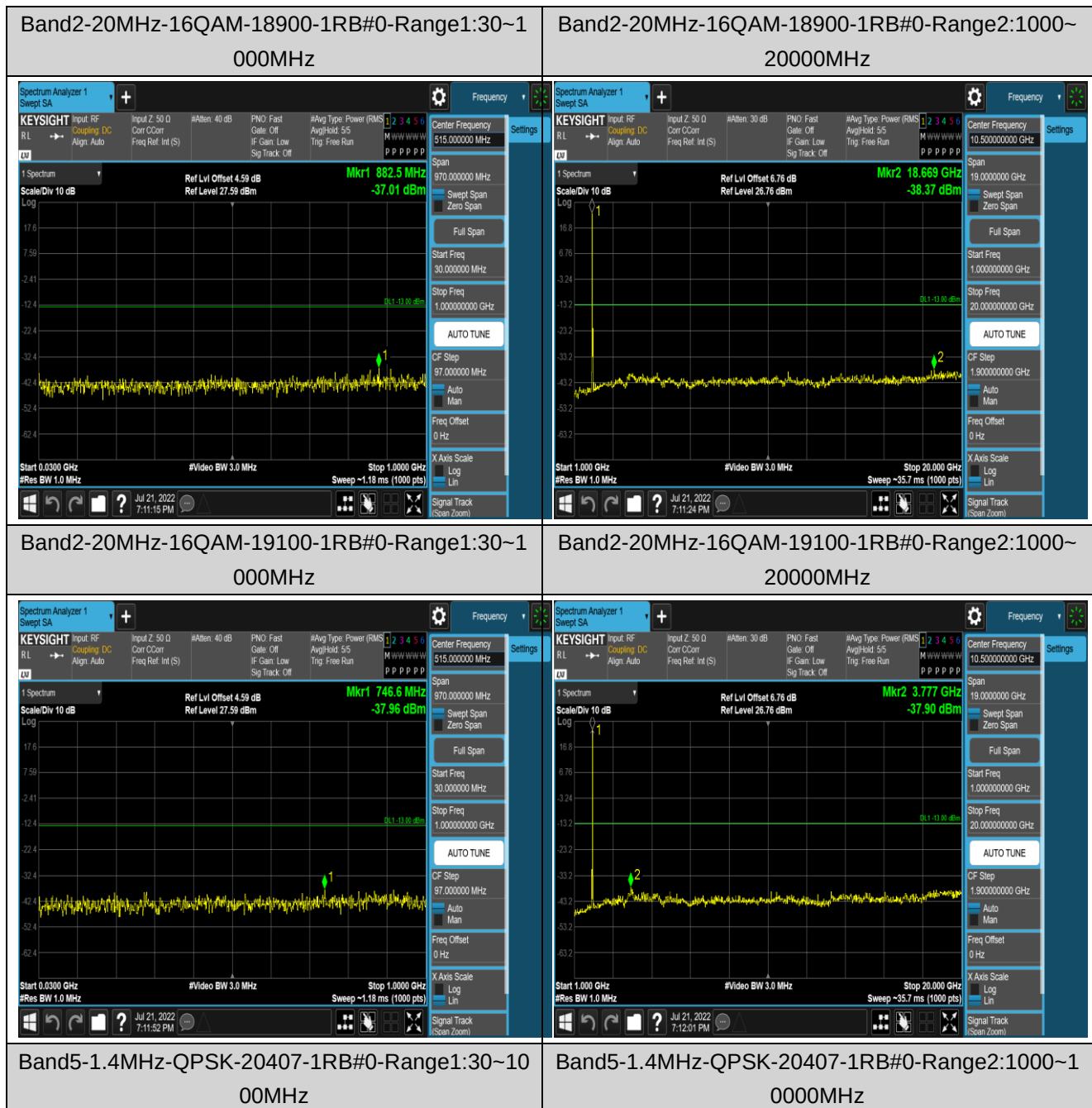
Band2-20MHz-QPSK-19100-1RB#0-Range2:1000~20000MHz



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

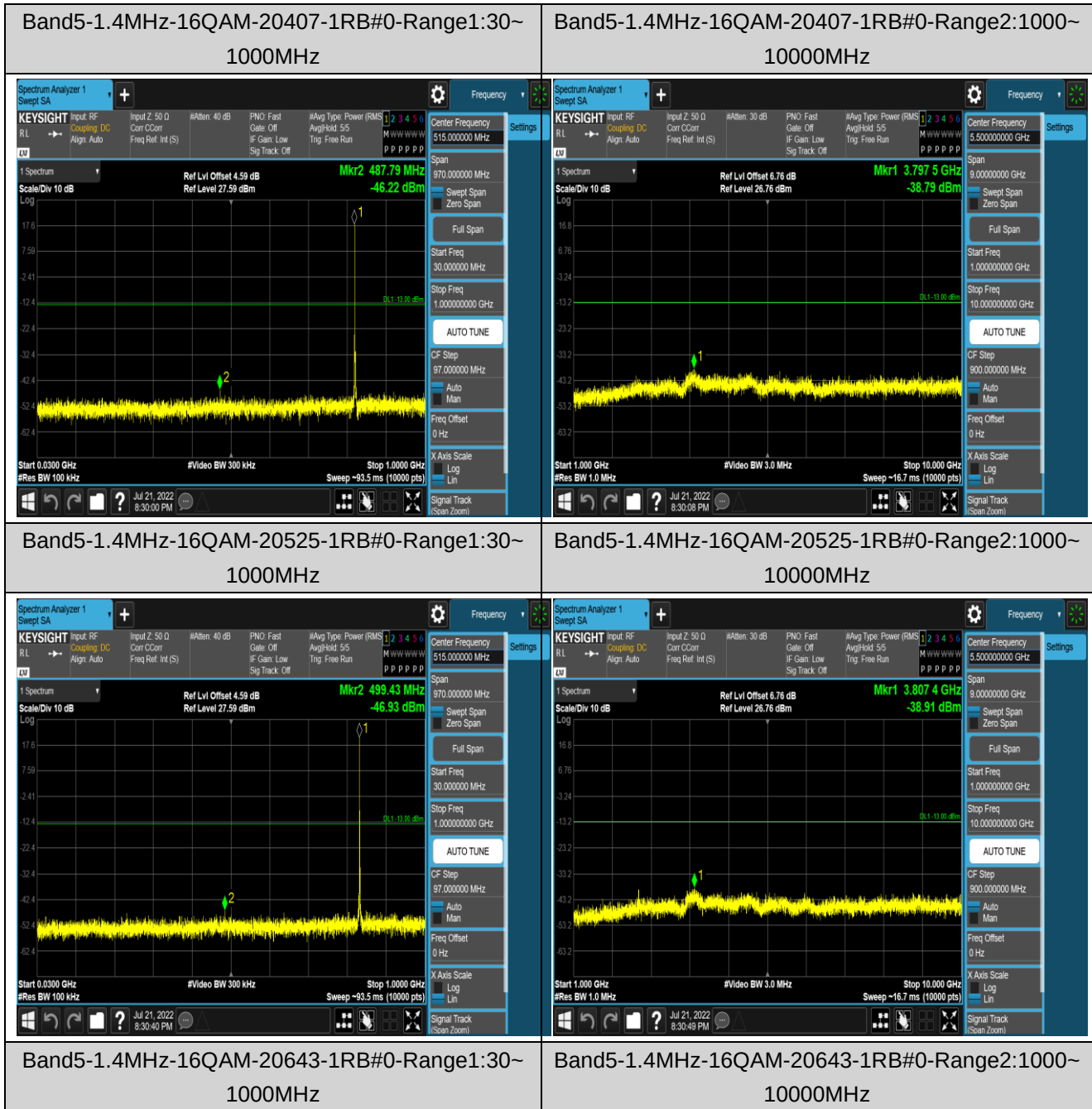


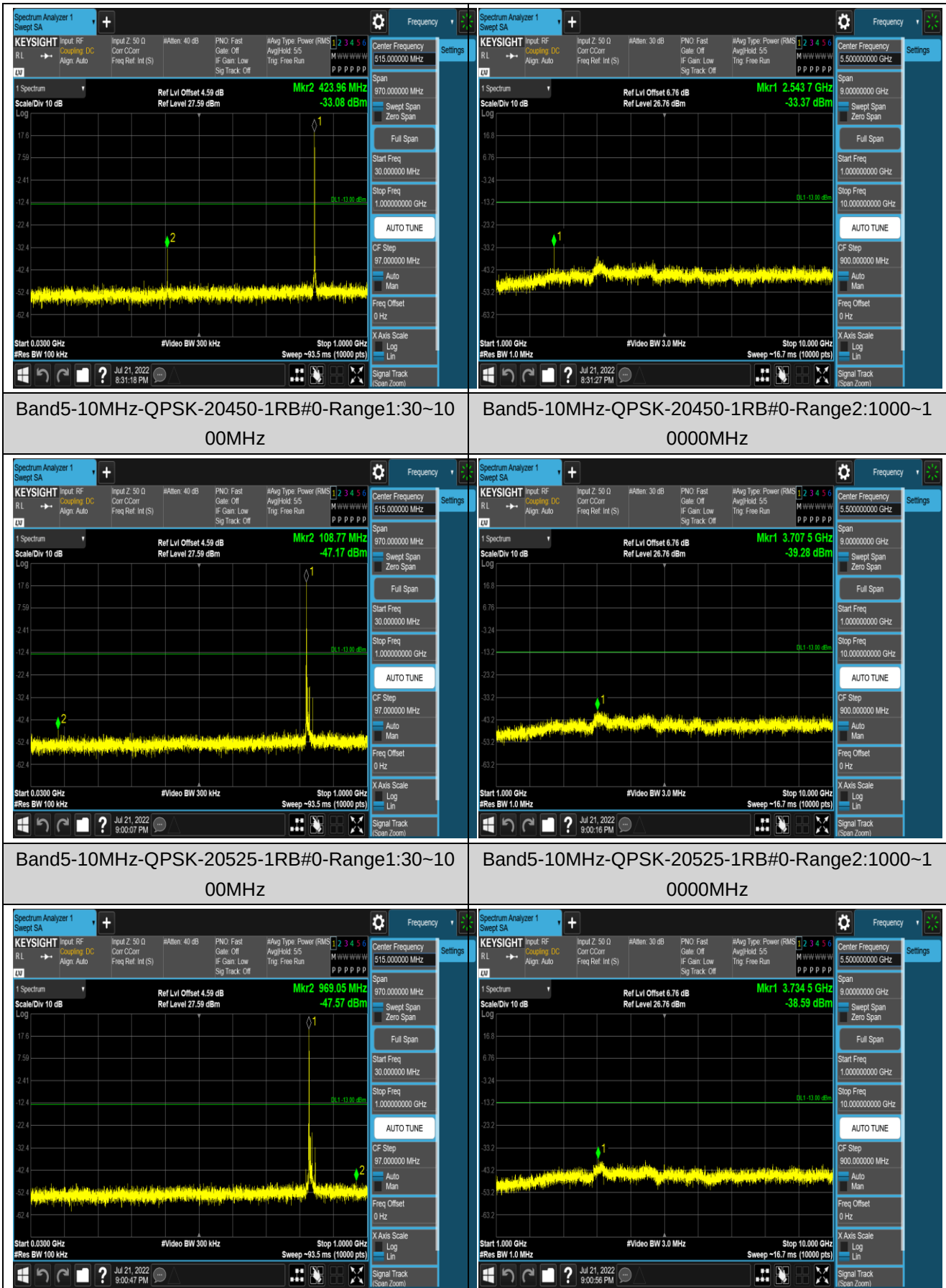
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