

Band66-1.4MHz-16QAM-131979-1RB#0



Band66-1.4MHz-16QAM-131979-1RB#5



Band66-1.4MHz-16QAM-131979-6RB#0



Band66-1.4MHz-16QAM-132665-1RB#0



Band66-1.4MHz-16QAM-132665-1RB#5



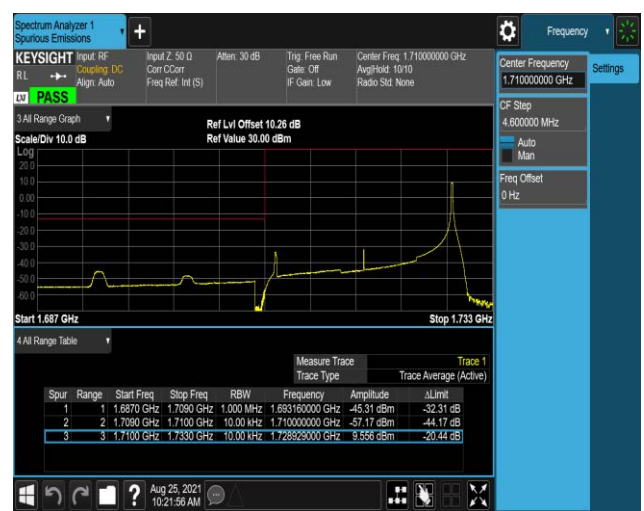
Band66-1.4MHz-16QAM-132665-6RB#0



Band66-20MHz-QPSK-132072-1RB#0



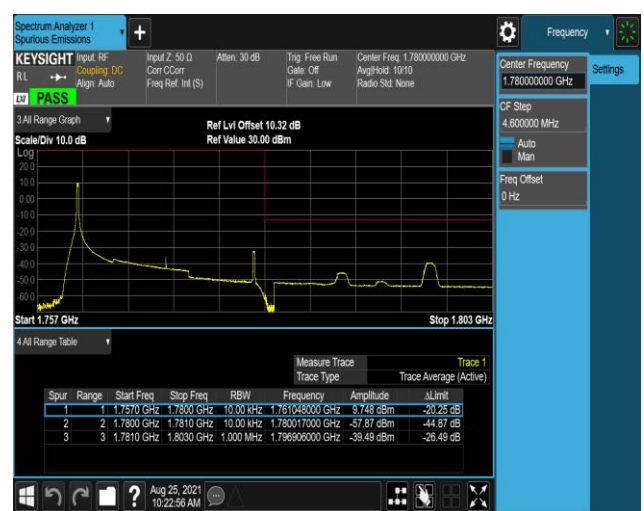
Band66-20MHz-QPSK-132072-1RB#99



Band66-20MHz-QPSK-132072-100RB#0



Band66-20MHz-QPSK-132572-1RB#0



Band66-20MHz-QPSK-132572-1RB#99



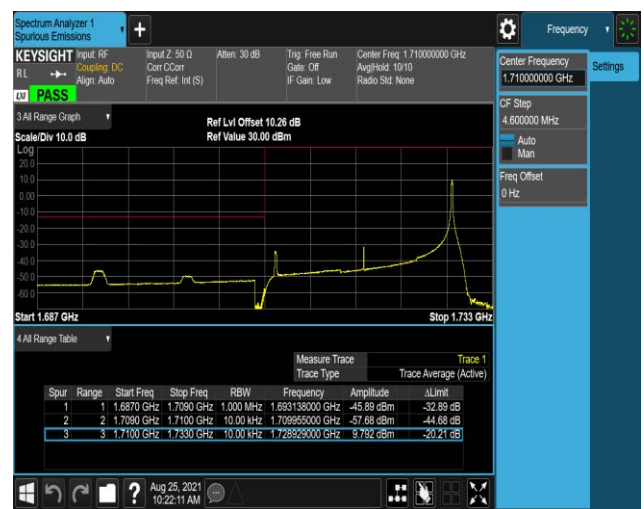
Band66-20MHz-QPSK-132572-100RB#0



Band66-20MHz-16QAM-132072-1RB#0



Band66-20MHz-16QAM-132072-1RB#99



Band66-20MHz-16QAM-132072-100RB#0



Band66-20MHz-16QAM-132572-1RB#0



Band66-20MHz-16QAM-132572-1RB#99



Band66-20MHz-16QAM-132572-100RB#0



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	-37.93	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	Range2:1000~20000MHz	-38.09	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-38.79	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range2:1000~20000MHz	-38.57	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range1:30~1000MHz	-38.51	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range2:1000~20000MHz	-39.11	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range1:30~1000MHz	-38.67	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range2:1000~20000MHz	-38.51	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-37.6	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range2:1000~20000MHz	-37.66	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range1:30~1000MHz	-38.64	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range2:1000~20000MHz	-38.2	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range1:30~1000MHz	-38.09	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range2:1000~20000MHz	-38.01	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-38.06	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range2:1000~20000MHz	-38.16	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range1:30~1000MHz	-38.14	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range2:1000~20000MHz	-38.1	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range1:30~1000MHz	-37.67	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range2:1000~20000MHz	-38.47	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-37.5	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range2:1000~20000MHz	-38.45	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range1:30~1000MHz	-36.58	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range2:1000~20000MHz	-38.03	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range1:30~1000MHz	-36.89	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range2:1000~20000MHz	-38.48	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-36.56	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-38.06	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range1:30~1000MHz	-37.73	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range2:1000~20000MHz	-39.16	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range1:30~1000MHz	-38.8	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range2:1000~20000MHz	-39.07	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-39.1	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-38.96	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range1:30~1000MHz	-38.27	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range2:1000~20000MHz	-38.42	PASS

Band4	20MHz	QPSK	20050	1RB#0	Range1:30~1000MHz	-36.73	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range2:1000~20000MHz	-37.93	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-37.29	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-38.85	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range1:30~1000MHz	-37.97	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range2:1000~20000MHz	-38.26	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range1:30~1000MHz	-38.2	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range2:1000~20000MHz	-38.46	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-37.68	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-38.79	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range1:30~1000MHz	-38.07	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range2:1000~20000MHz	-38.83	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range1:30~1000MHz	-47.01	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range2:1000~10000MHz	-37.48	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-47.16	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-39.21	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range1:30~1000MHz	-47.41	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range2:1000~10000MHz	-36.41	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range1:30~1000MHz	-47.95	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range2:1000~10000MHz	-37.88	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-47.14	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-39.73	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range1:30~1000MHz	-47.81	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range2:1000~10000MHz	-37.81	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range1:30~1000MHz	-46.12	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range2:1000~10000MHz	-39.63	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-46.23	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-38.91	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range1:30~1000MHz	-47.92	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range2:1000~10000MHz	-39.68	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range1:30~1000MHz	-46.73	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range2:1000~10000MHz	-38.97	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-47.2	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-38.15	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range1:30~1000MHz	-48.13	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range2:1000~10000MHz	-37.38	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range1:30~1000MHz	-46.65	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range2:1000~10000MHz	-39	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-47.15	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-38.73	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range1:30~1000MHz	-46.79	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range2:1000~10000MHz	-39.27	PASS

Band12	1.4MHz	16QAM	23017	1RB#0	Range1:30~1000MHz	-47.63	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range2:1000~10000MHz	-39.12	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-47.36	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-37.66	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range1:30~1000MHz	-46.89	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range2:1000~10000MHz	-39.75	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range1:30~1000MHz	-46.44	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range2:1000~10000MHz	-38.09	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-47.01	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-38.26	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range1:30~1000MHz	-46.32	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range2:1000~10000MHz	-38.14	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range1:30~1000MHz	-47.14	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range2:1000~10000MHz	-39.7	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-47.59	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-38.88	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range1:30~1000MHz	-46.2	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range2:1000~10000MHz	-37.93	PASS
Band17	5MHz	QPSK	23755	1RB#0	Range1:30~1000MHz	-46.73	PASS
Band17	5MHz	QPSK	23755	1RB#0	Range2:1000~10000MHz	-38.86	PASS
Band17	5MHz	QPSK	23790	1RB#0	Range1:30~1000MHz	-47.19	PASS
Band17	5MHz	QPSK	23790	1RB#0	Range2:1000~10000MHz	-39.02	PASS
Band17	5MHz	QPSK	23825	1RB#0	Range1:30~1000MHz	-47.61	PASS
Band17	5MHz	QPSK	23825	1RB#0	Range2:1000~10000MHz	-39.23	PASS
Band17	5MHz	16QAM	23755	1RB#0	Range1:30~1000MHz	-47.33	PASS
Band17	5MHz	16QAM	23755	1RB#0	Range2:1000~10000MHz	-39.08	PASS
Band17	5MHz	16QAM	23790	1RB#0	Range1:30~1000MHz	-46.88	PASS
Band17	5MHz	16QAM	23790	1RB#0	Range2:1000~10000MHz	-39.21	PASS
Band17	5MHz	16QAM	23825	1RB#0	Range1:30~1000MHz	-47.27	PASS
Band17	5MHz	16QAM	23825	1RB#0	Range2:1000~10000MHz	-39.02	PASS
Band17	10MHz	QPSK	23780	1RB#0	Range1:30~1000MHz	-47.11	PASS
Band17	10MHz	QPSK	23780	1RB#0	Range2:1000~10000MHz	-37.8	PASS
Band17	10MHz	QPSK	23790	1RB#0	Range1:30~1000MHz	-47.5	PASS
Band17	10MHz	QPSK	23790	1RB#0	Range2:1000~10000MHz	-38.88	PASS
Band17	10MHz	QPSK	23800	1RB#0	Range1:30~1000MHz	-47.21	PASS
Band17	10MHz	QPSK	23800	1RB#0	Range2:1000~10000MHz	-38.66	PASS
Band17	10MHz	16QAM	23780	1RB#0	Range1:30~1000MHz	-47.45	PASS
Band17	10MHz	16QAM	23780	1RB#0	Range2:1000~10000MHz	-39.29	PASS
Band17	10MHz	16QAM	23790	1RB#0	Range1:30~1000MHz	-46.4	PASS
Band17	10MHz	16QAM	23790	1RB#0	Range2:1000~10000MHz	-39.13	PASS
Band17	10MHz	16QAM	23800	1RB#0	Range1:30~1000MHz	-47.87	PASS
Band17	10MHz	16QAM	23800	1RB#0	Range2:1000~10000MHz	-37.37	PASS

Band66	1.4MHz	QPSK	131979	1RB#0	Range1:30~1000MHz	-37.35	PASS
Band66	1.4MHz	QPSK	131979	1RB#0	Range2:1000~20000MHz	-37.95	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	Range1:30~1000MHz	-38.13	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	Range2:1000~20000MHz	-38.22	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	Range1:30~1000MHz	-38.23	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	Range2:1000~20000MHz	-38.55	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	Range1:30~1000MHz	-36.95	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	Range2:1000~20000MHz	-38.58	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	Range1:30~1000MHz	-37.1	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	Range2:1000~20000MHz	-38.57	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	Range1:30~1000MHz	-37.98	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	Range2:1000~20000MHz	-38.11	PASS
Band66	20MHz	QPSK	132072	1RB#0	Range1:30~1000MHz	-37.38	PASS
Band66	20MHz	QPSK	132072	1RB#0	Range2:1000~20000MHz	-38.03	PASS
Band66	20MHz	QPSK	132322	1RB#0	Range1:30~1000MHz	-38.83	PASS
Band66	20MHz	QPSK	132322	1RB#0	Range2:1000~20000MHz	-37.85	PASS
Band66	20MHz	QPSK	132572	1RB#0	Range1:30~1000MHz	-38.38	PASS
Band66	20MHz	QPSK	132572	1RB#0	Range2:1000~20000MHz	-38.17	PASS
Band66	20MHz	16QAM	132072	1RB#0	Range1:30~1000MHz	-38.92	PASS
Band66	20MHz	16QAM	132072	1RB#0	Range2:1000~20000MHz	-38.26	PASS
Band66	20MHz	16QAM	132322	1RB#0	Range1:30~1000MHz	-38.53	PASS
Band66	20MHz	16QAM	132322	1RB#0	Range2:1000~20000MHz	-37.95	PASS
Band66	20MHz	16QAM	132572	1RB#0	Range1:30~1000MHz	-38.5	PASS
Band66	20MHz	16QAM	132572	1RB#0	Range2:1000~20000MHz	-38.57	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-18607:30~1000MHz



Band2-1.4MHz-QPSK-18607:1000~20000MHz



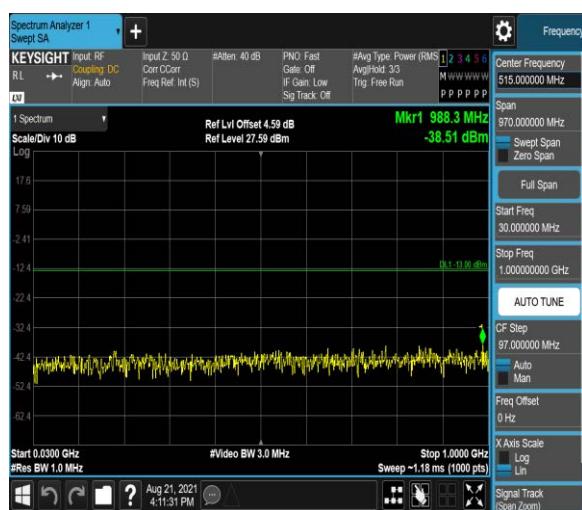
Band2-1.4MHz-QPSK-18900:30~1000MHz



Band2-1.4MHz-QPSK-18900:1000~20000MHz



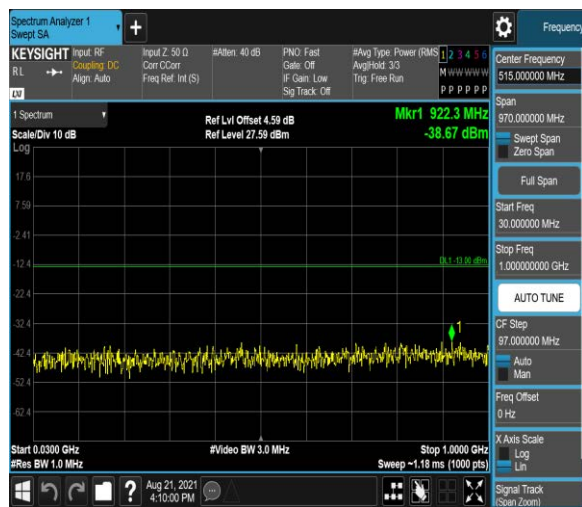
Band2-1.4MHz-QPSK-19193:30~1000MHz



Band2-1.4MHz-QPSK-19193:1000~20000MHz



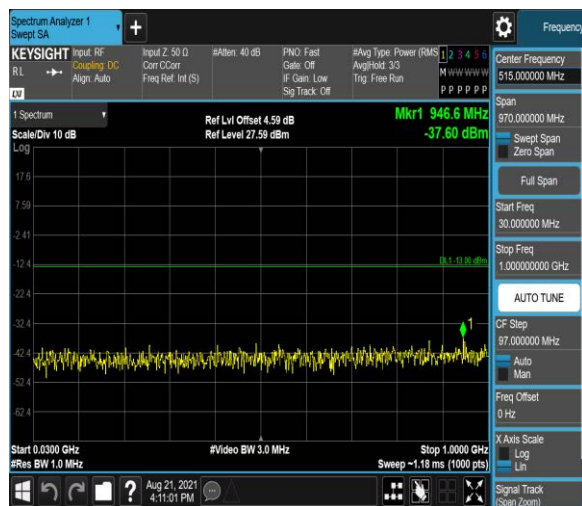
Band2-1.4MHz-16QAM-18607:30~1000MHz



Band2-1.4MHz-16QAM-18607:1000~20000MHz



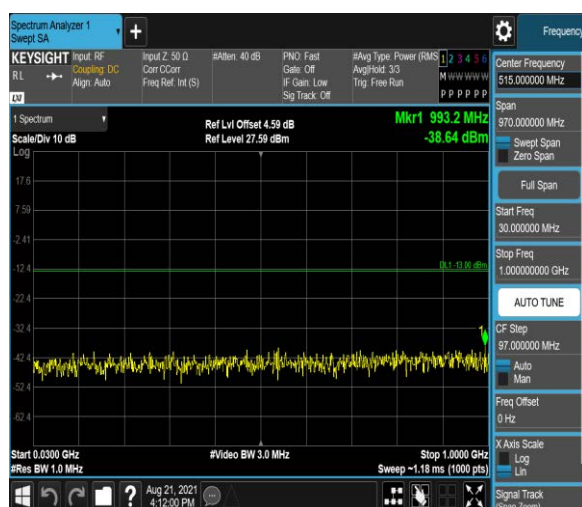
Band2-1.4MHz-16QAM-18900:30~1000MHz



Band2-1.4MHz-16QAM-18900:1000~20000MHz



Band2-1.4MHz-16QAM-19193:30~1000MHz



Band2-1.4MHz-16QAM-19193:1000~20000MHz



Band2-20MHz-QPSK-18700:30~1000MHz



Band2-20MHz-QPSK-18700:1000~20000MHz



Band2-20MHz-QPSK-18900:30~1000MHz



Band2-20MHz-QPSK-18900:1000~20000MHz



Band2-20MHz-QPSK-19100:30~1000MHz



Band2-20MHz-QPSK-19100:1000~20000MHz



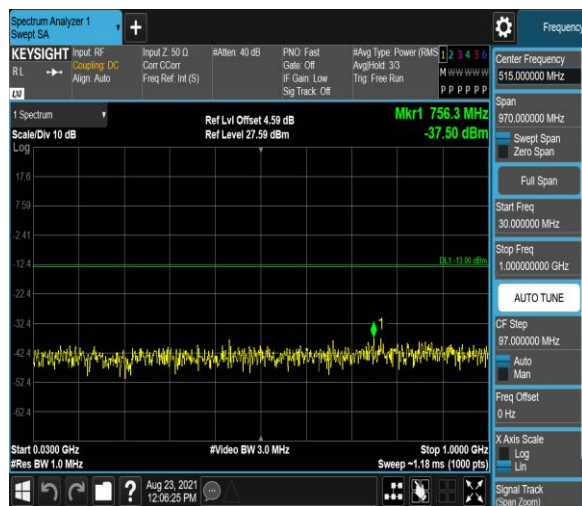
Band2-20MHz-16QAM-18700:30~1000MHz



Band2-20MHz-16QAM-18700:1000~20000MHz



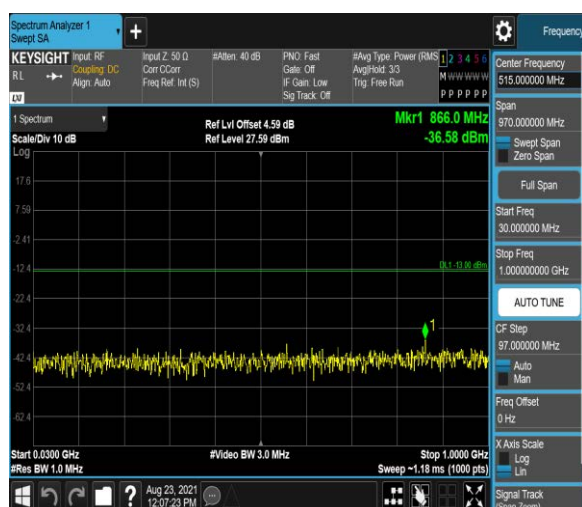
Band2-20MHz-16QAM-18900:30~1000MHz



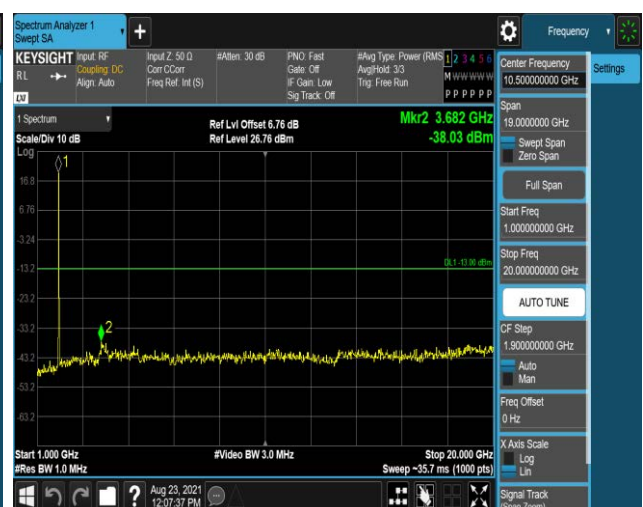
Band2-20MHz-16QAM-18900:1000~20000MHz



Band2-20MHz-16QAM-19100:30~1000MHz



Band2-20MHz-16QAM-19100:1000~20000MHz



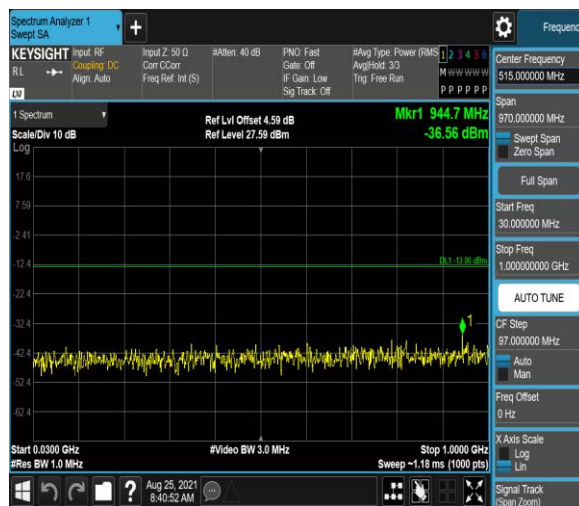
Band4-1.4MHz-QPSK-19957:30~1000MHz



Band4-1.4MHz-QPSK-19957:1000~20000MHz



Band4-1.4MHz-QPSK-20175:30~1000MHz



Band4-1.4MHz-QPSK-20175:1000~20000MHz



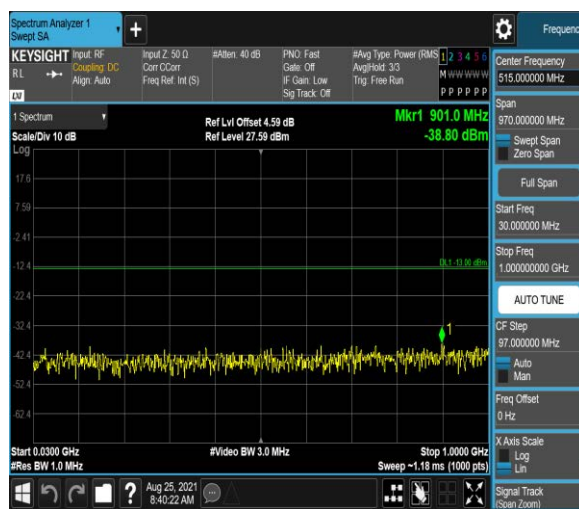
Band4-1.4MHz-QPSK-20393:30~1000MHz



Band4-1.4MHz-QPSK-20393:1000~20000MHz



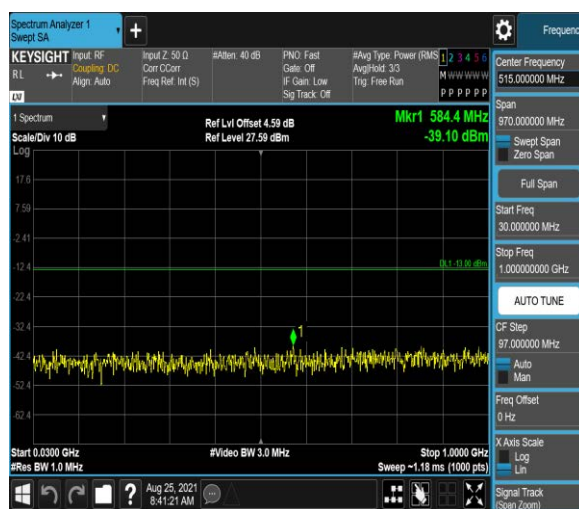
Band4-1.4MHz-16QAM-19957:30~1000MHz



Band4-1.4MHz-16QAM-19957:1000~20000MHz



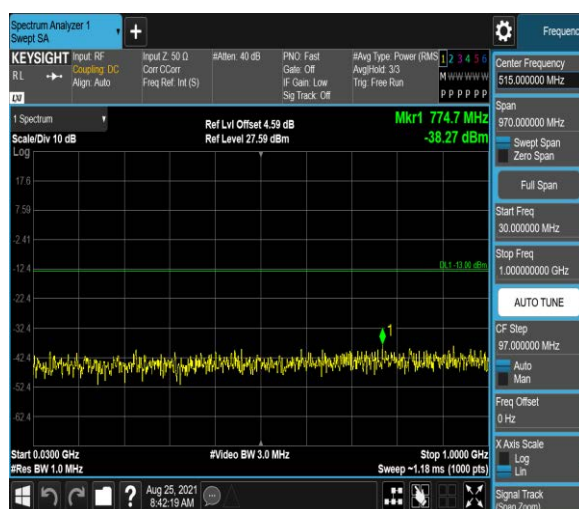
Band4-1.4MHz-16QAM-20175:30~1000MHz



Band4-1.4MHz-16QAM-20175:1000~20000MHz



Band4-1.4MHz-16QAM-20393:30~1000MHz



Band4-1.4MHz-16QAM-20393:1000~20000MHz



Band4-20MHz-QPSK-20050:30~1000MHz



Band4-20MHz-QPSK-20050:1000~20000MHz



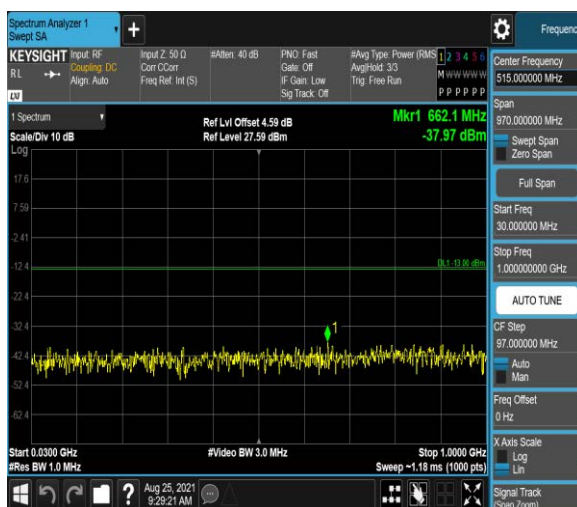
Band4-20MHz-QPSK-20175:30~1000MHz



Band4-20MHz-QPSK-20175:1000~20000MHz



Band4-20MHz-QPSK-20300:30~1000MHz



Band4-20MHz-QPSK-20300:1000~20000MHz



Band4-20MHz-16QAM-20050:30~1000MHz



Band4-20MHz-16QAM-20050:1000~20000MHz



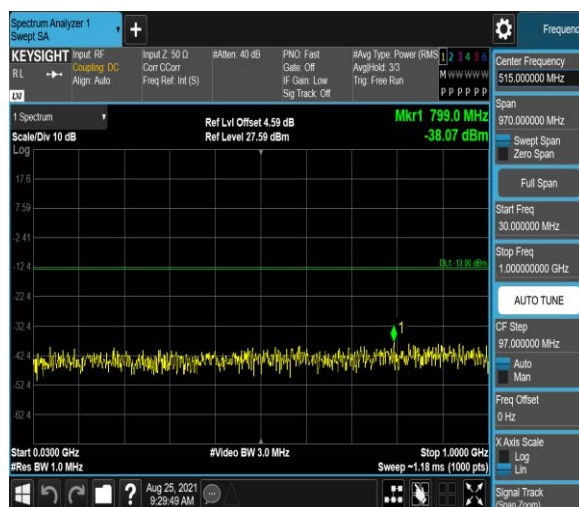
Band4-20MHz-16QAM-20175:30~1000MHz



Band4-20MHz-16QAM-20175:1000~20000MHz



Band4-20MHz-16QAM-20300:30~1000MHz



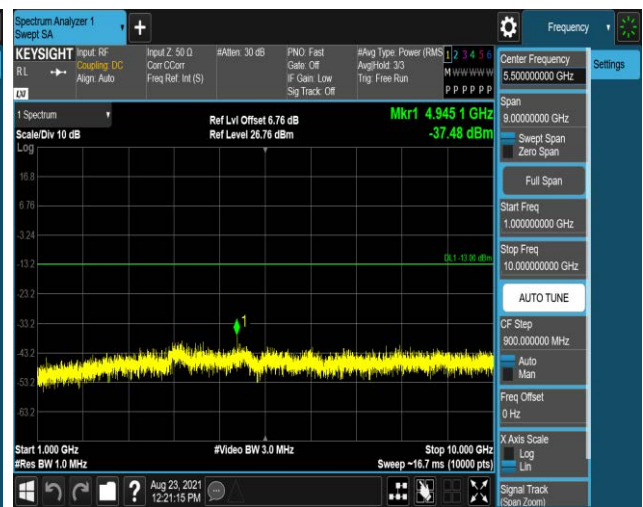
Band4-20MHz-16QAM-20300:1000~20000MHz



Band5-1.4MHz-QPSK-20407:30~1000MHz



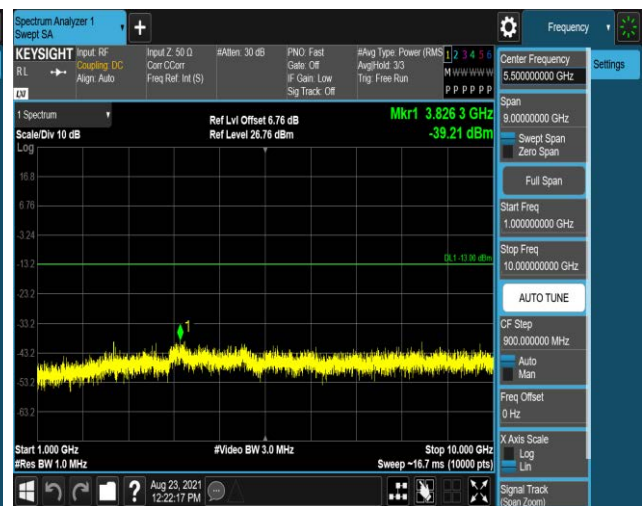
Band5-1.4MHz-QPSK-20407:1000~10000MHz



Band5-1.4MHz-QPSK-20525:30~1000MHz



Band5-1.4MHz-QPSK-20525:1000~10000MHz



Band5-1.4MHz-QPSK-20643:30~1000MHz



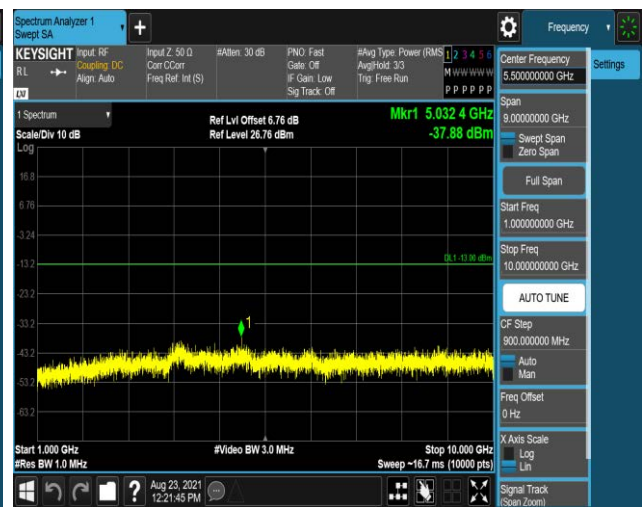
Band5-1.4MHz-QPSK-20643:1000~10000MHz



Band5-1.4MHz-16QAM-20407:30~1000MHz



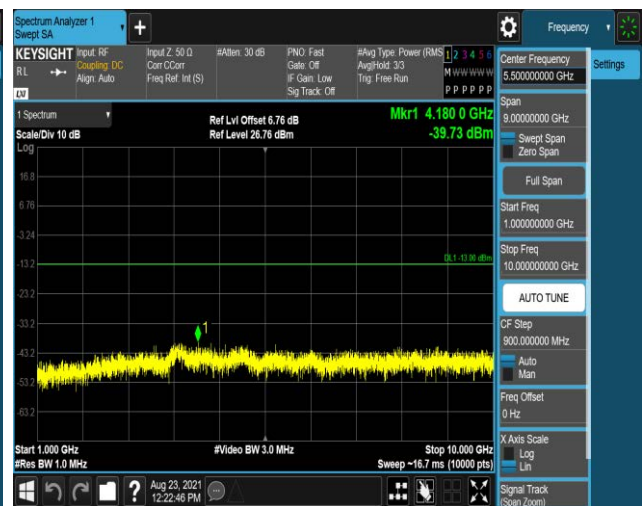
Band5-1.4MHz-16QAM-20407:1000~10000MHz



Band5-1.4MHz-16QAM-20525:30~1000MHz



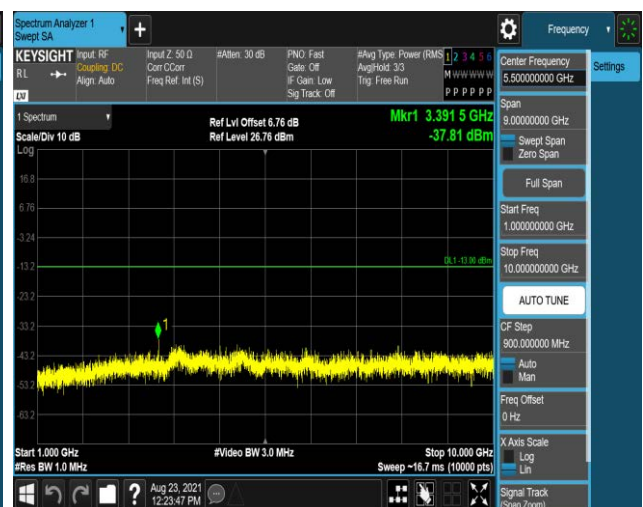
Band5-1.4MHz-16QAM-20525:1000~10000MHz



Band5-1.4MHz-16QAM-20643:30~1000MHz



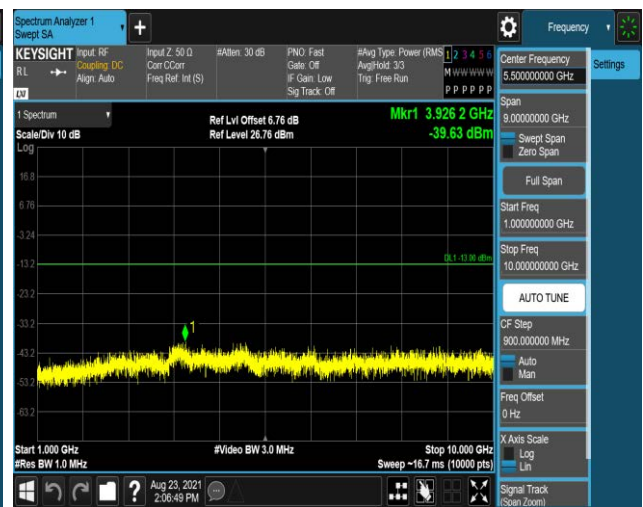
Band5-1.4MHz-16QAM-20643:1000~10000MHz



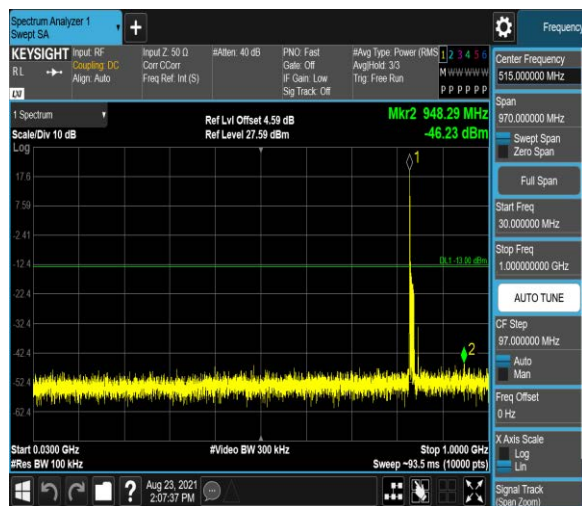
Band5-10MHz-QPSK-20450:30~1000MHz



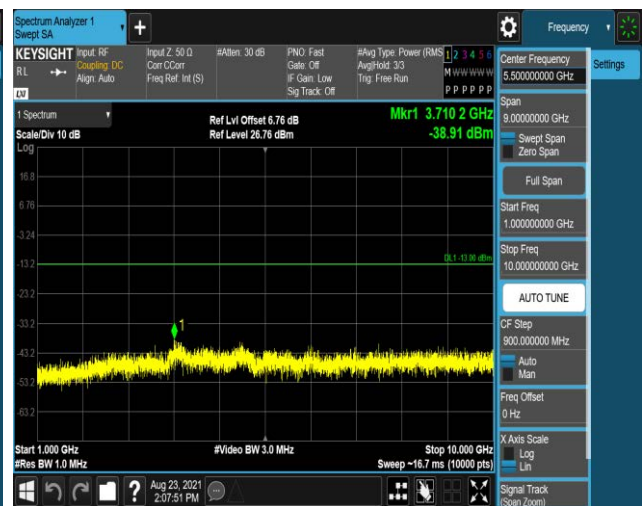
Band5-10MHz-QPSK-20450:1000~10000MHz



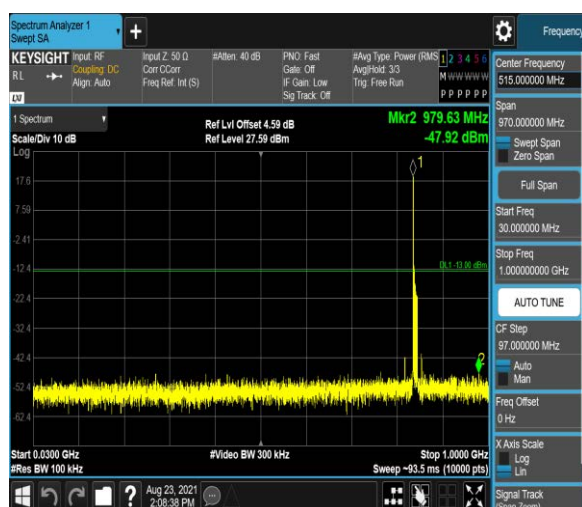
Band5-10MHz-QPSK-20525:30~1000MHz



Band5-10MHz-QPSK-20525:1000~10000MHz



Band5-10MHz-QPSK-20600:30~1000MHz



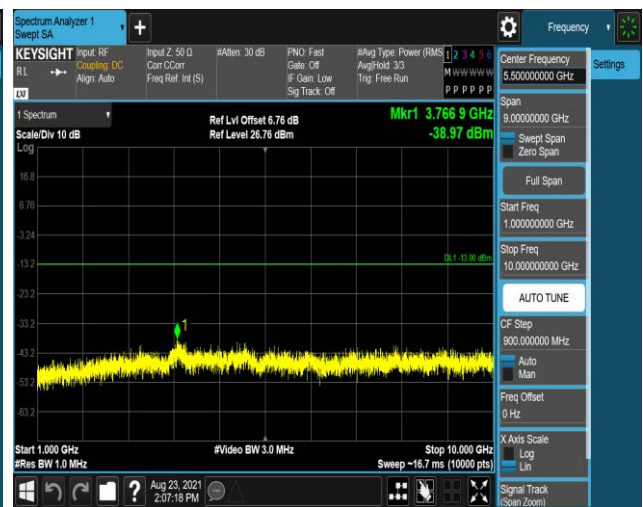
Band5-10MHz-QPSK-20600:1000~10000MHz



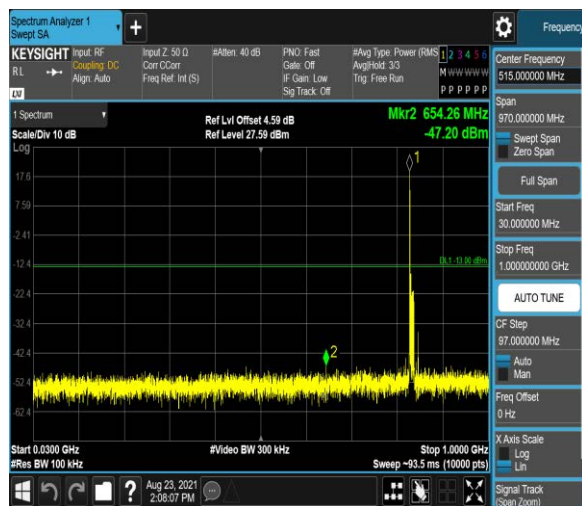
Band5-10MHz-16QAM-20450:30~1000MHz



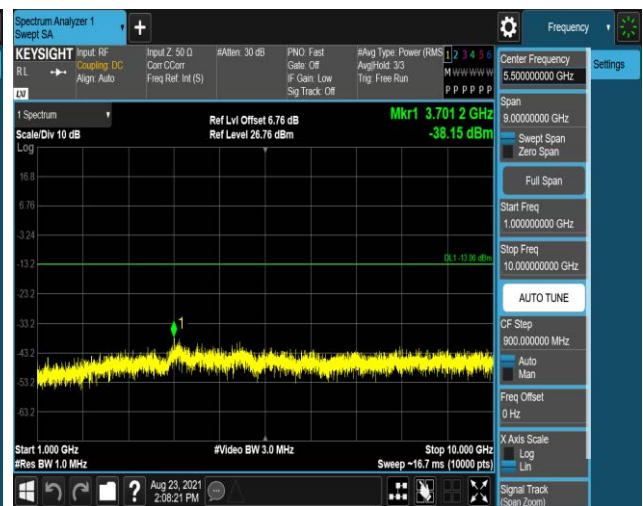
Band5-10MHz-16QAM-20450:1000~10000MHz



Band5-10MHz-16QAM-20525:30~1000MHz



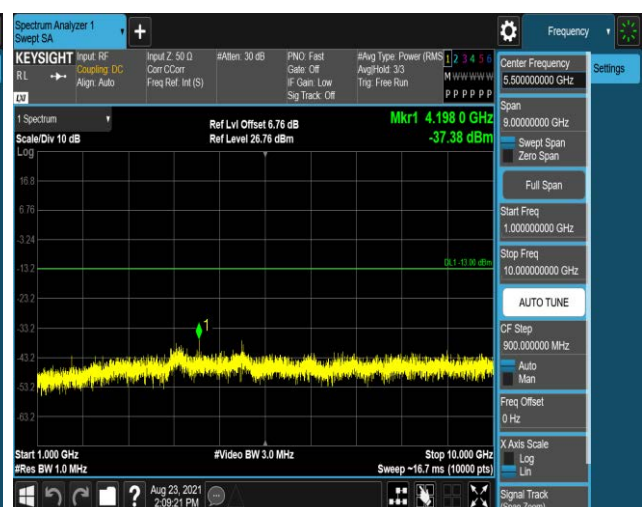
Band5-10MHz-16QAM-20525:1000~10000MHz



Band5-10MHz-16QAM-20600:30~1000MHz



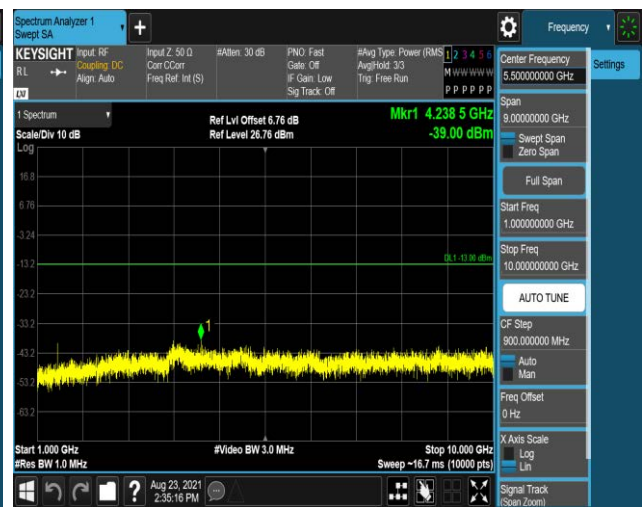
Band5-10MHz-16QAM-20600:1000~10000MHz



Band12-1.4MHz-QPSK-23017:30~1000MHz



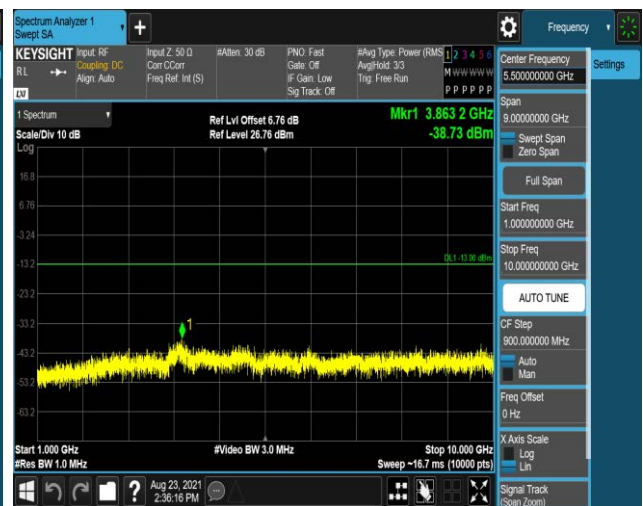
Band12-1.4MHz-QPSK-23017:1000~10000MHz



Band12-1.4MHz-QPSK-23095:30~1000MHz



Band12-1.4MHz-QPSK-23095:1000~10000MHz



Band12-1.4MHz-QPSK-23173:30~1000MHz



Band12-1.4MHz-QPSK-23173:1000~10000MHz

