Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	Range1:0.009~0.15MHz	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range2:0.15~30MHz	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range3:30~1000MHz	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range4:1000~2000MHz	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range5:2000~20000MHz	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range1:0.009~0.15MHz	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range2:0.15~30MHz	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range3:30~1000MHz	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range4:1000~2000MHz	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range5:2000~20000MHz	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range1:0.009~0.15MHz	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range2:0.15~30MHz	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range3:30~1000MHz	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range4:1000~2000MHz	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range5:2000~20000MHz	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range1:0.009~0.15MHz	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range2:0.15~30MHz	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range3:30~1000MHz	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range4:1000~2000MHz	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range5:2000~20000MHz	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range1:0.009~0.15MHz	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range2:0.15~30MHz	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range3:30~1000MHz	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range4:1000~2000MHz	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range5:2000~20000MHz	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range1:0.009~0.15MHz	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range2:0.15~30MHz	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range3:30~1000MHz	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range4:1000~2000MHz	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range5:2000~20000MHz	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range1:0.009~0.15MHz	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range2:0.15~30MHz	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range3:30~1000MHz	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range4:1000~2000MHz	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range5:2000~20000MHz	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range1:0.009~0.15MHz	PASS

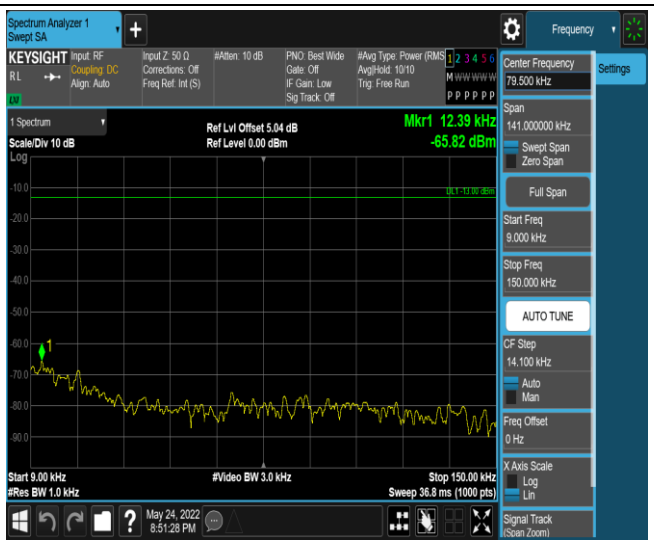
Band4	3MHz	QPSK	20175	1RB#0	Range2:0.15~30MHz	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range3:30~1000MHz	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range4:1000~2000MHz	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range5:2000~20000MHz	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range1:0.009~0.15MHz	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range2:0.15~30MHz	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range3:30~1000MHz	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range4:1000~2000MHz	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range5:2000~20000MHz	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range1:0.009~0.15MHz	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range2:0.15~30MHz	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range3:30~1000MHz	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range4:1000~2000MHz	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range5:2000~20000MHz	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range1:0.009~0.15MHz	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range2:0.15~30MHz	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range3:30~1000MHz	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range4:1000~2000MHz	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range5:2000~20000MHz	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range1:0.009~0.15MHz	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range2:0.15~30MHz	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range3:30~1000MHz	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range4:1000~2000MHz	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range5:2000~20000MHz	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range1:0.009~0.15MHz	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range2:0.15~30MHz	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range3:30~1000MHz	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range4:1000~2000MHz	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range5:2000~20000MHz	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range1:0.009~0.15MHz	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range2:0.15~30MHz	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range3:30~1000MHz	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range4:1000~2000MHz	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range5:2000~20000MHz	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range1:0.009~0.15MHz	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range2:0.15~30MHz	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range3:30~1000MHz	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range4:1000~2000MHz	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range5:2000~20000MHz	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range1:0.009~0.15MHz	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range2:0.15~30MHz	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range3:30~1000MHz	PASS

Band4	5MHz	16QAM	19975	1RB#0	Range4:1000~2000MHz	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range5:2000~20000MHz	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range1:0.009~0.15MHz	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range2:0.15~30MHz	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range3:30~1000MHz	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range4:1000~2000MHz	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range5:2000~20000MHz	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range1:0.009~0.15MHz	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range2:0.15~30MHz	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range3:30~1000MHz	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range4:1000~2000MHz	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range5:2000~20000MHz	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range1:0.009~0.15MHz	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range2:0.15~30MHz	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range3:30~1000MHz	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range4:1000~2000MHz	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range5:2000~20000MHz	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range1:0.009~0.15MHz	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range2:0.15~30MHz	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range3:30~1000MHz	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range4:1000~2000MHz	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range5:2000~20000MHz	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range1:0.009~0.15MHz	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range2:0.15~30MHz	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range3:30~1000MHz	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range4:1000~2000MHz	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range5:2000~20000MHz	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range1:0.009~0.15MHz	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range2:0.15~30MHz	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range3:30~1000MHz	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range4:1000~2000MHz	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range5:2000~20000MHz	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range1:0.009~0.15MHz	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range2:0.15~30MHz	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range3:30~1000MHz	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range4:1000~2000MHz	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range5:2000~20000MHz	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range1:0.009~0.15MHz	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range2:0.15~30MHz	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range3:30~1000MHz	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range4:1000~2000MHz	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range5:2000~20000MHz	PASS

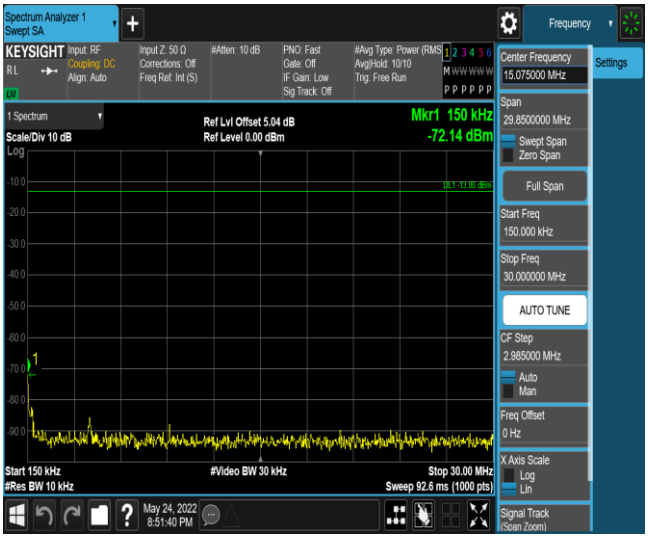
Band4	15MHz	QPSK	20025	1RB#0	Range1:0.009~0.15MHz	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range2:0.15~30MHz	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range3:30~1000MHz	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range4:1000~2000MHz	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range5:2000~20000MHz	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range1:0.009~0.15MHz	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range2:0.15~30MHz	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range3:30~1000MHz	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range4:1000~2000MHz	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range5:2000~20000MHz	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range1:0.009~0.15MHz	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range2:0.15~30MHz	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range3:30~1000MHz	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range4:1000~2000MHz	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range5:2000~20000MHz	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range1:0.009~0.15MHz	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range2:0.15~30MHz	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range3:30~1000MHz	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range4:1000~2000MHz	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range5:2000~20000MHz	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range1:0.009~0.15MHz	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range2:0.15~30MHz	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range3:30~1000MHz	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range4:1000~2000MHz	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range5:2000~20000MHz	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range1:0.009~0.15MHz	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range2:0.15~30MHz	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range3:30~1000MHz	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range4:1000~2000MHz	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range5:2000~20000MHz	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range1:0.009~0.15MHz	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range2:0.15~30MHz	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range3:30~1000MHz	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range4:1000~2000MHz	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range5:2000~20000MHz	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range1:0.009~0.15MHz	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range2:0.15~30MHz	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range3:30~1000MHz	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range4:1000~2000MHz	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range5:2000~20000MHz	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range1:0.009~0.15MHz	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range2:0.15~30MHz	PASS

Band4	20MHz	QPSK	20300	1RB#0	Range3:30~1000MHz	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range4:1000~2000MHz	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range5:2000~20000MHz	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range1:0.009~0.15MHz	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range2:0.15~30MHz	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range3:30~1000MHz	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range4:1000~2000MHz	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range5:2000~20000MHz	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range1:0.009~0.15MHz	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range2:0.15~30MHz	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range3:30~1000MHz	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range4:1000~2000MHz	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range5:2000~20000MHz	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range1:0.009~0.15MHz	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range2:0.15~30MHz	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range3:30~1000MHz	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range4:1000~2000MHz	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range5:2000~20000MHz	PASS

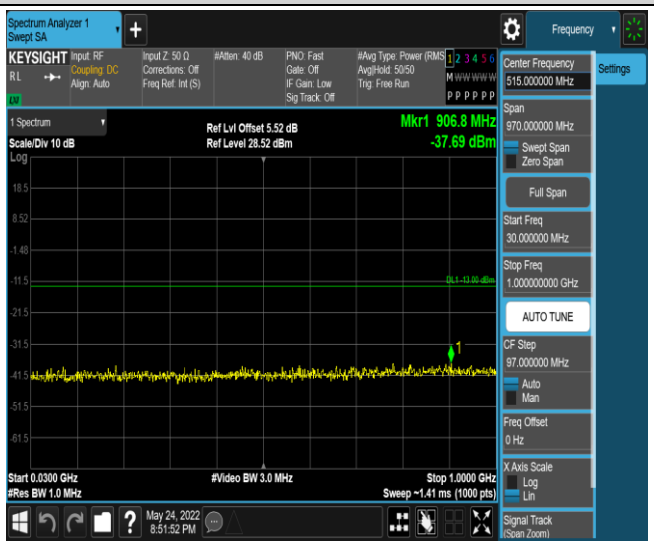
Test Graphs



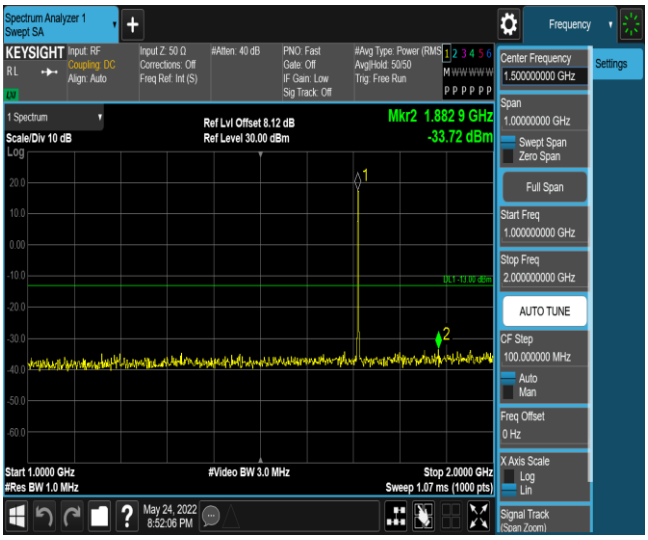
Band4-1.4MHz-QPSK-19957-1RB#0-Range1:0.009~0.15MHz



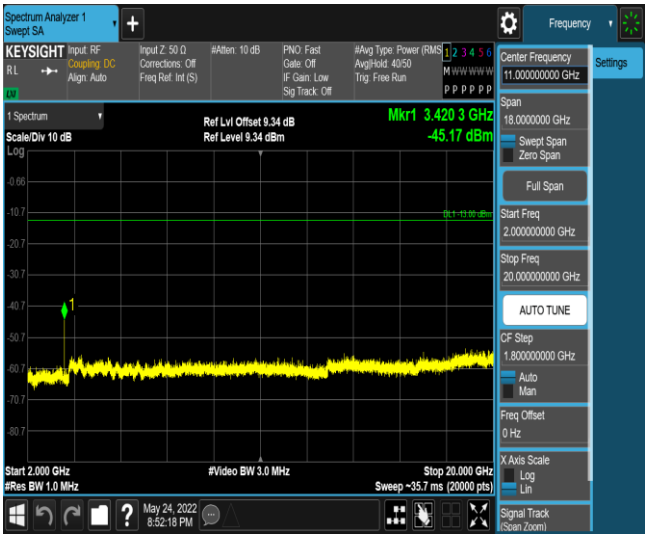
Band4-1.4MHz-QPSK-19957-1RB#0-Range2:0.15~30MHz



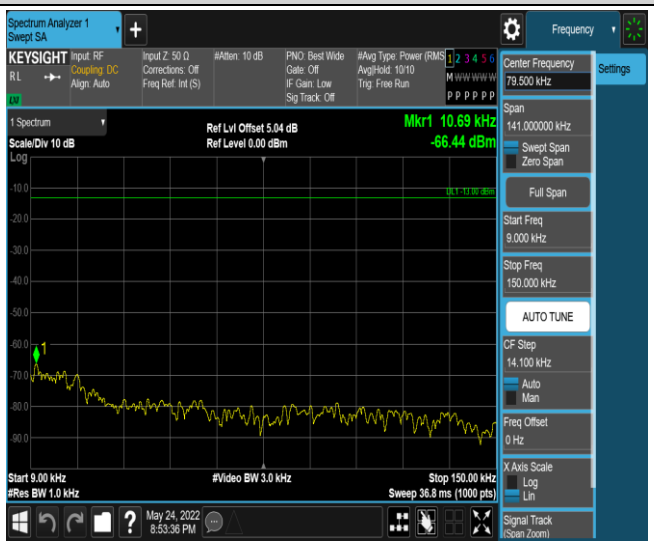
Band4-1.4MHz-QPSK-19957-1RB#0-Range3:30~1000MHz



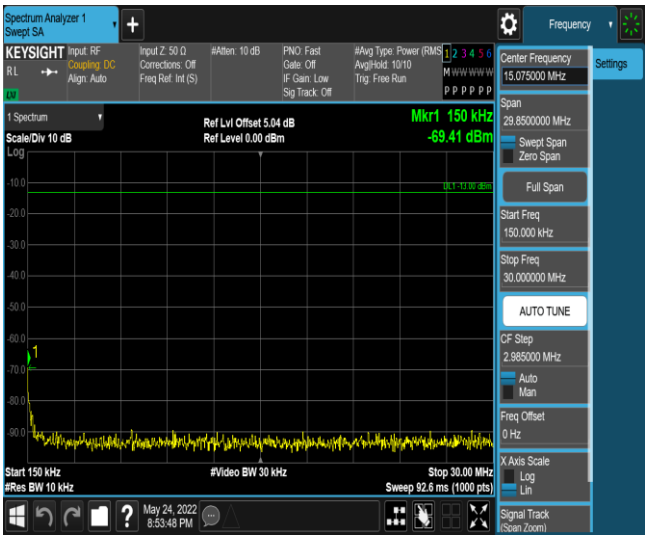
Band4-1.4MHz-QPSK-19957-1RB#0-Range4:1000~2000MHz



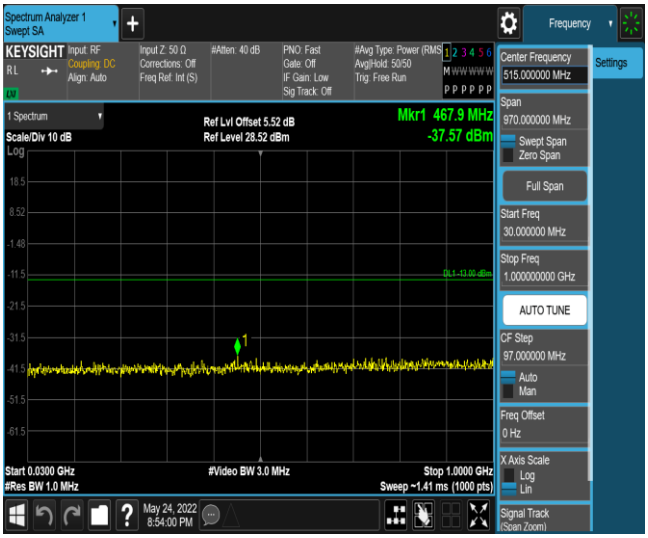
Band4-1.4MHz-QPSK-19957-1RB#0-Range5:2000~20000MHz



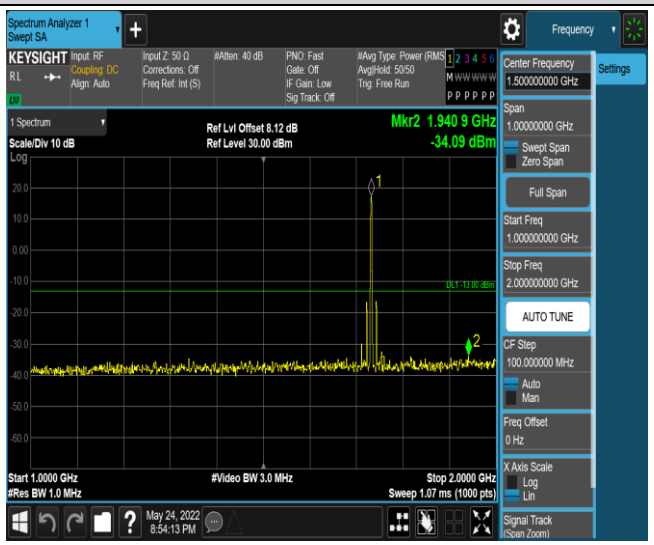
Band4-1.4MHz-QPSK-20175-1RB#0-Range1:0.009~0.15MHz



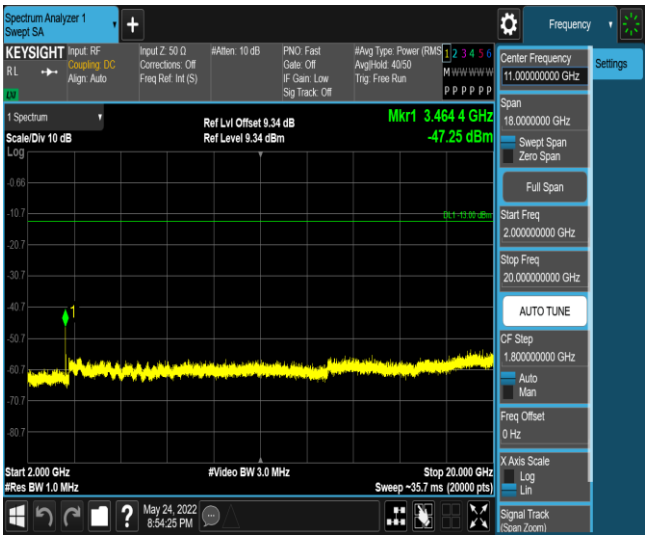
Band4-1.4MHz-QPSK-20175-1RB#0-Range2:0.15~30MHz



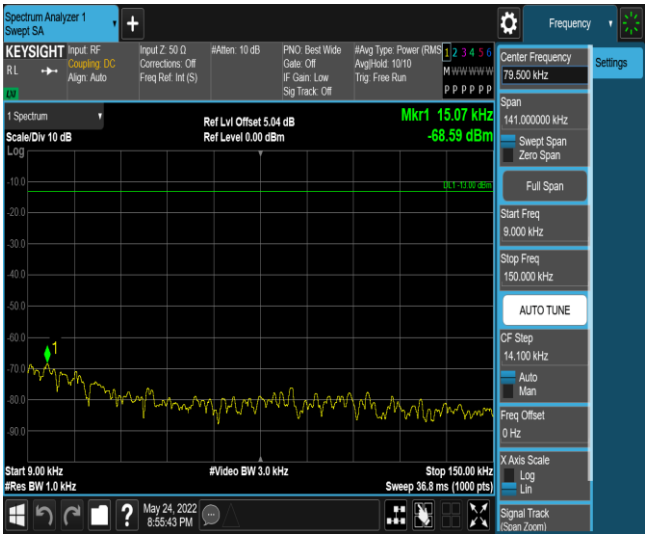
Band4-1.4MHz-QPSK-20175-1RB#0-Range3:30~1000MHz



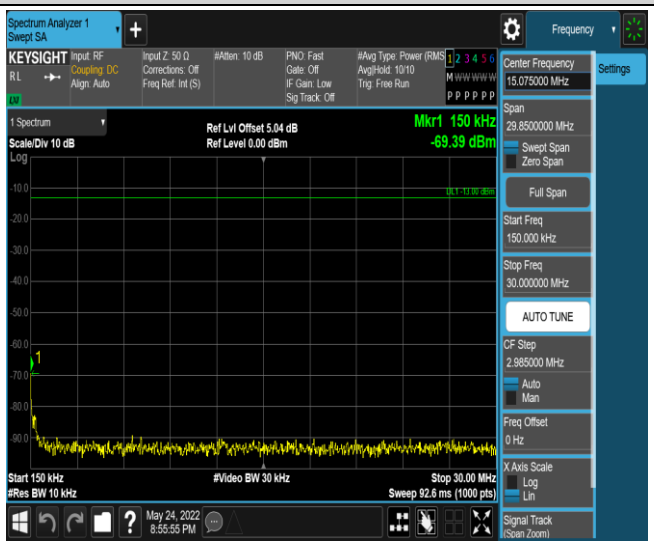
Band4-1.4MHz-QPSK-20175-1RB#0-Range4:1000~2000MHz



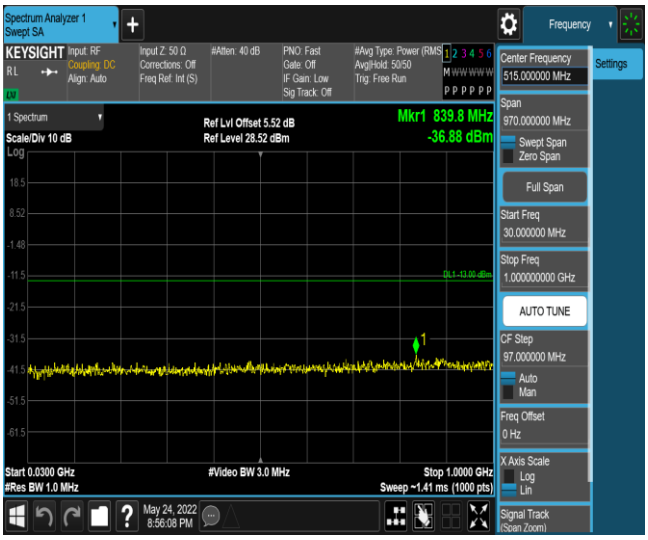
Band4-1.4MHz-QPSK-20175-1RB#0-Range5:2000~20000MHz



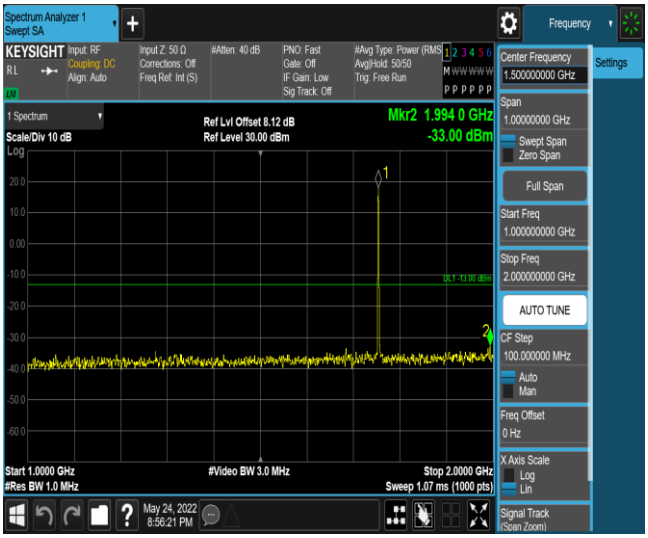
Band4-1.4MHz-QPSK-20393-1RB#0-Range1:0.009~0.15MHz



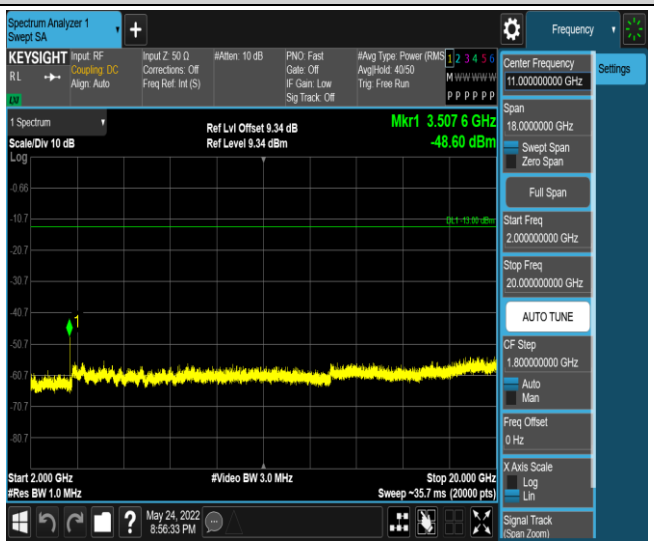
Band4-1.4MHz-QPSK-20393-1RB#0-Range2:0.15~30MHz



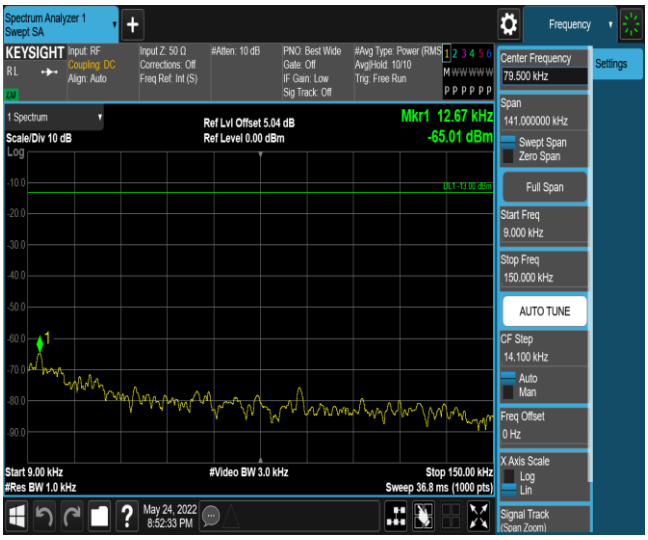
Band4-1.4MHz-QPSK-20393-1RB#0-Range3:30~1000MHz



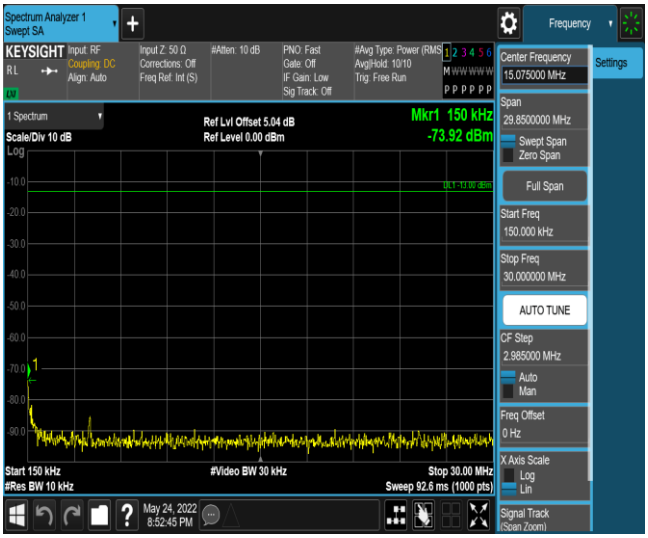
Band4-1.4MHz-QPSK-20393-1RB#0-Range4:1000~2000MHz



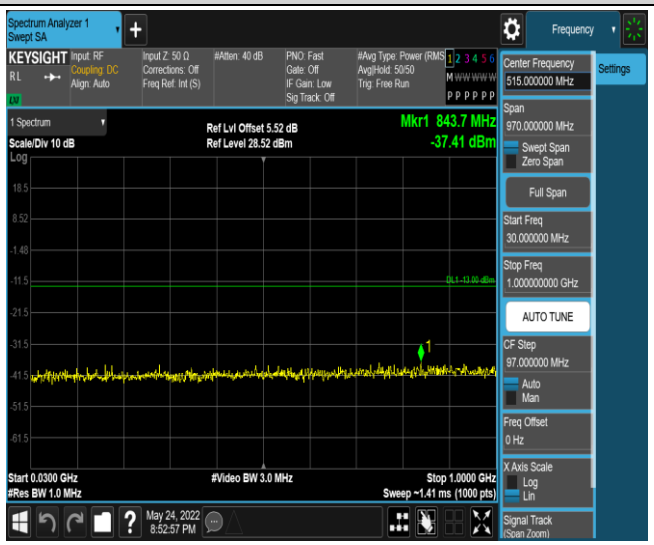
Band4-1.4MHz-QPSK-20393-1RB#0-Range5:2000~20000MHz



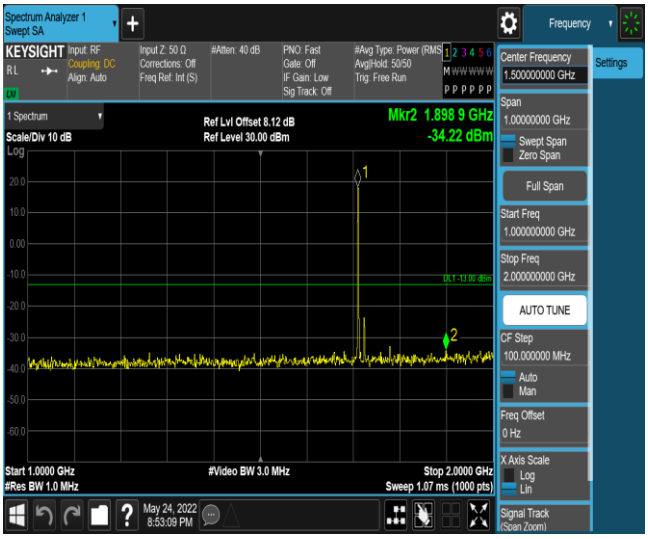
Band4-1.4MHz-16QAM-19957-1RB#0-Range1:0.009~0.15MHz



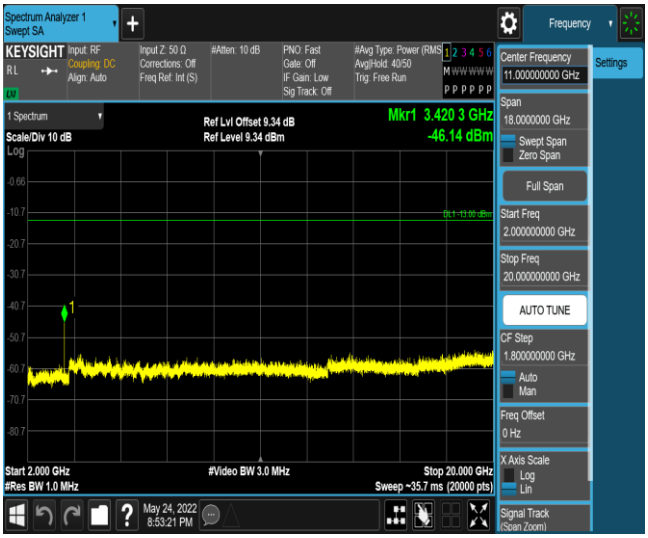
Band4-1.4MHz-16QAM-19957-1RB#0-Range2:0.15~30MHz



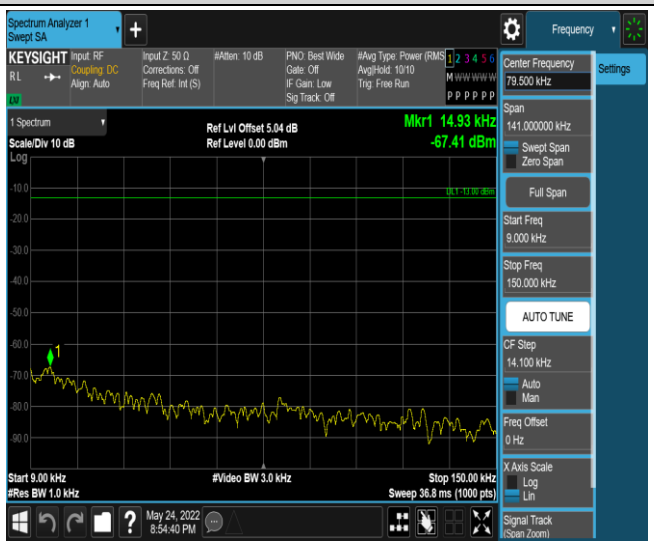
Band4-1.4MHz-16QAM-19957-1RB#0-Range3:30~1000MHz



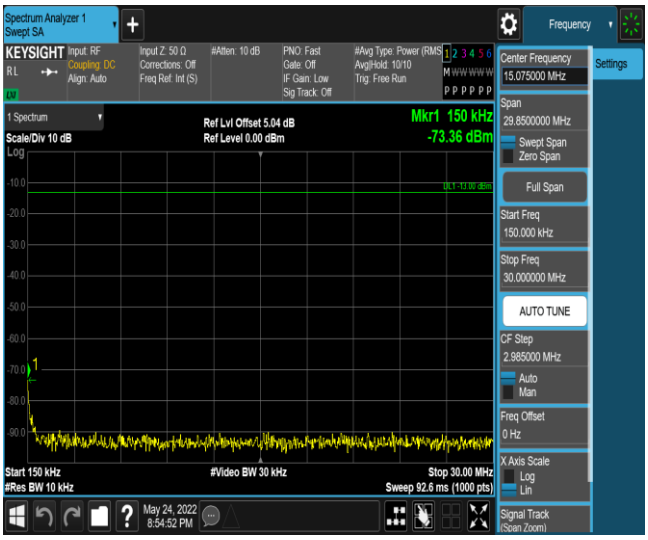
Band4-1.4MHz-16QAM-19957-1RB#0-Range4:1000~2000MHz



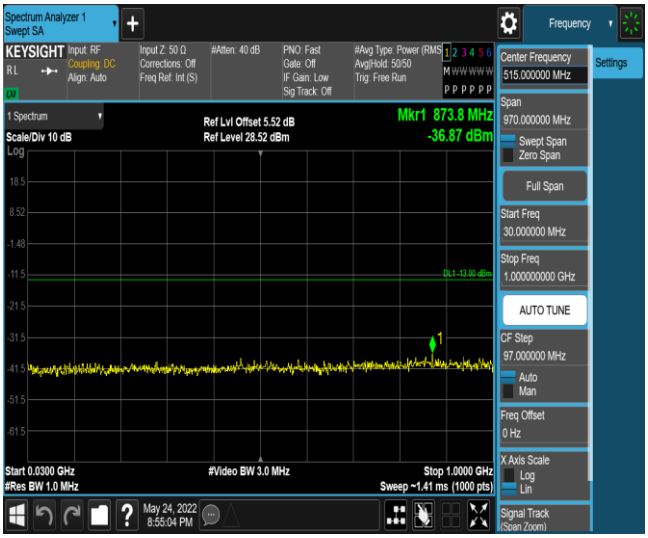
Band4-1.4MHz-16QAM-19957-1RB#0-Range5:2000~20000MHz



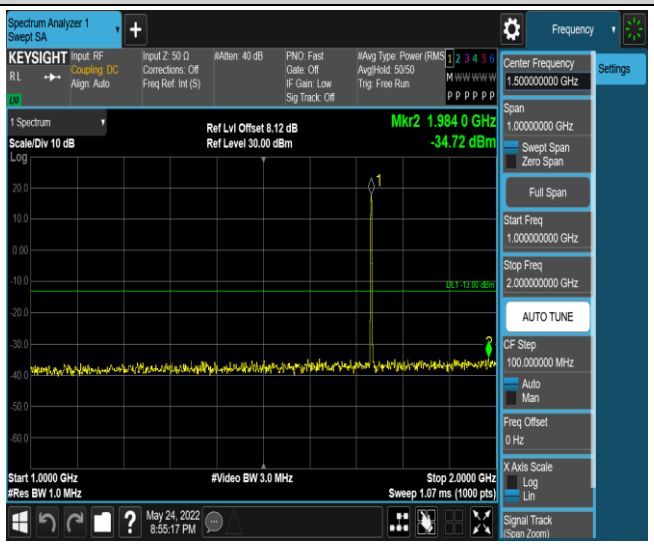
Band4-1.4MHz-16QAM-20175-1RB#0-Range1:0.009~0.15MHz



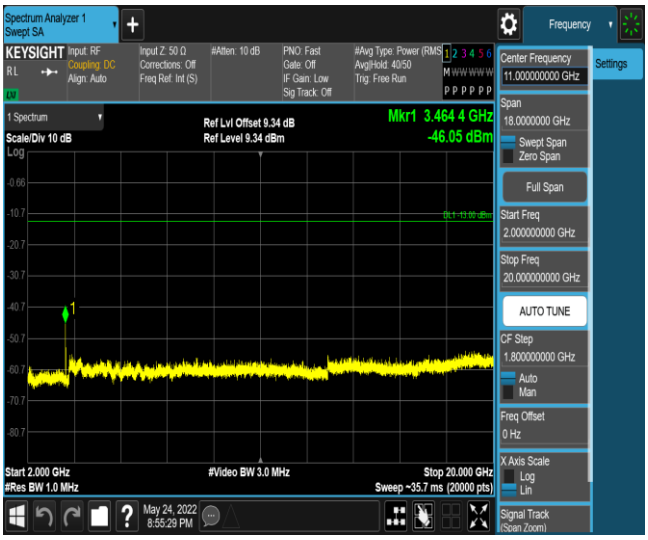
Band4-1.4MHz-16QAM-20175-1RB#0-Range2:0.15~30MHz



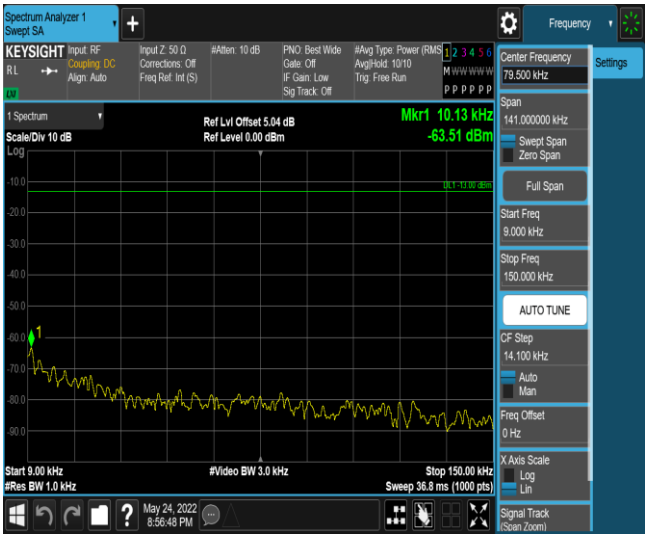
Band4-1.4MHz-16QAM-20175-1RB#0-Range3:30~1000MHz



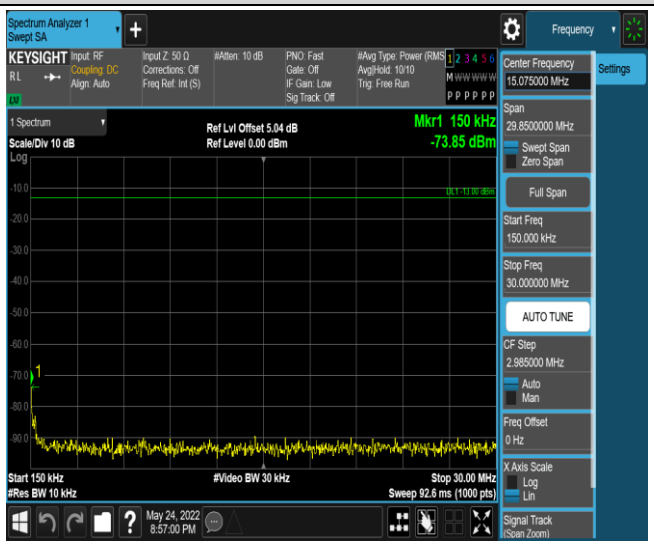
Band4-1.4MHz-16QAM-20175-1RB#0-Range4:1000~2000MHz



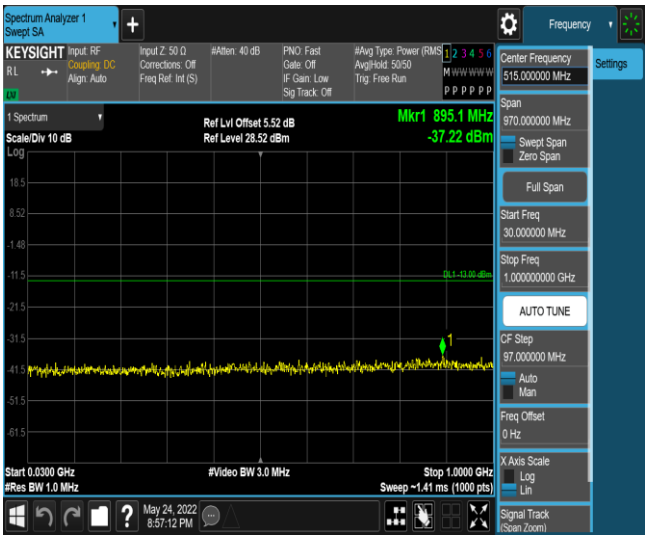
Band4-1.4MHz-16QAM-20175-1RB#0-Range5:2000~20000MHz



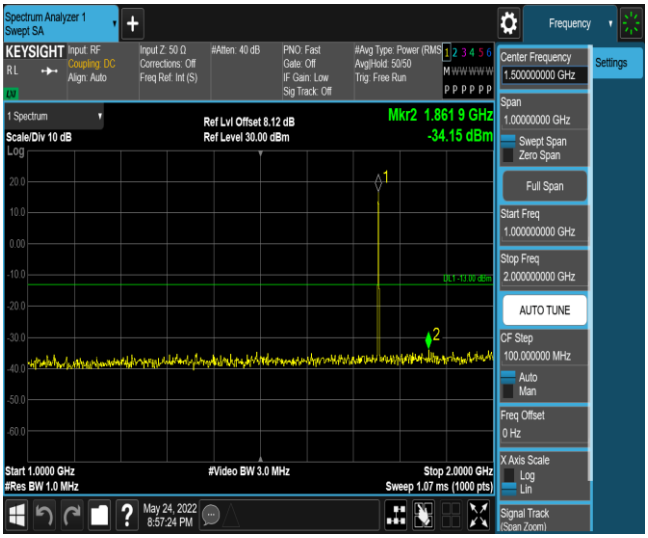
Band4-1.4MHz-16QAM-20393-1RB#0-Range1:0.009~0.15MHz



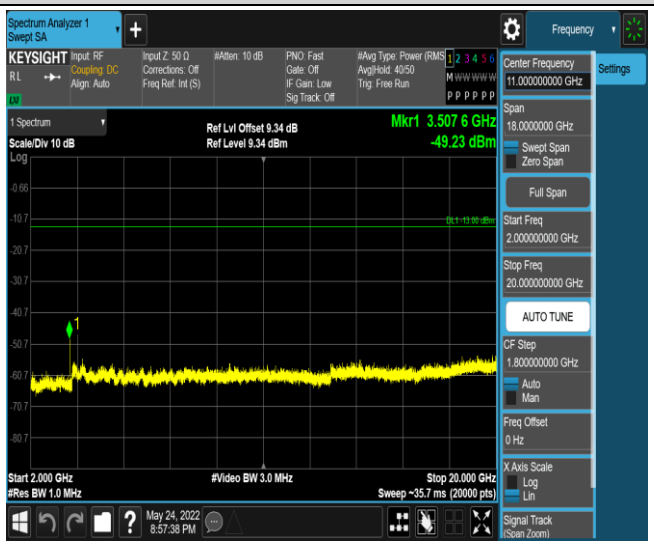
Band4-1.4MHz-16QAM-20393-1RB#0-Range2:0.15~30MHz



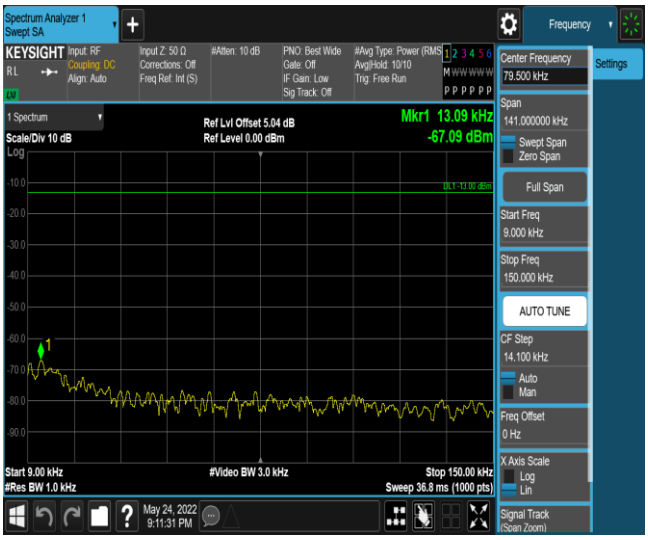
Band4-1.4MHz-16QAM-20393-1RB#0-Range3:30~1000MHz



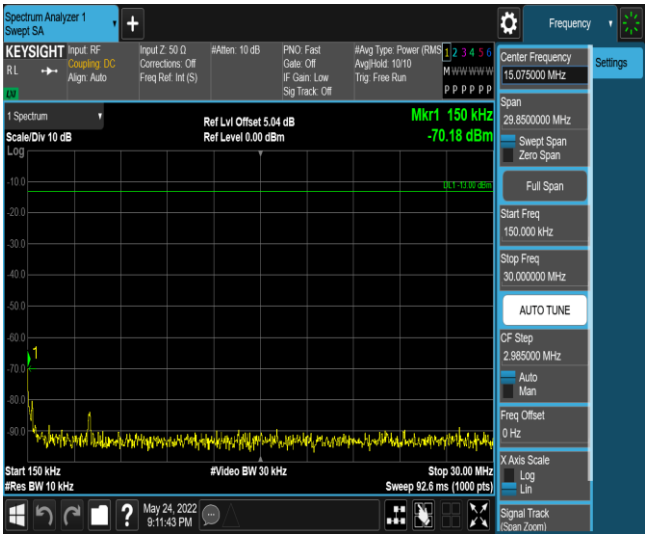
Band4-1.4MHz-16QAM-20393-1RB#0-Range4:1000~2000MHz



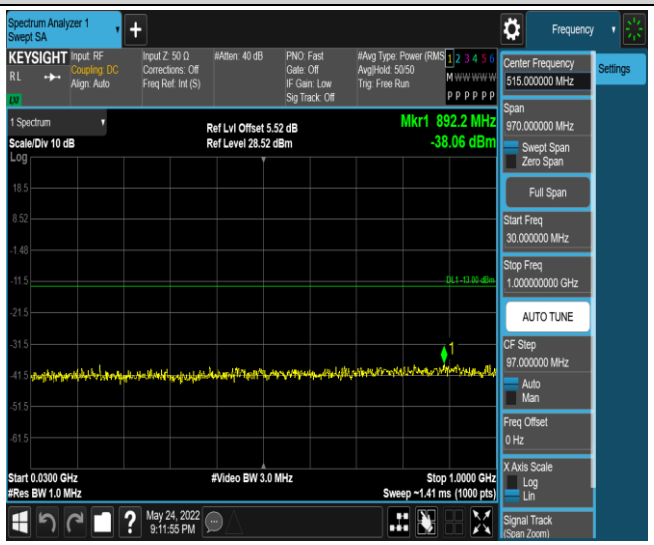
Band4-1.4MHz-16QAM-20393-1RB#0-Range5:2000~20000MHz



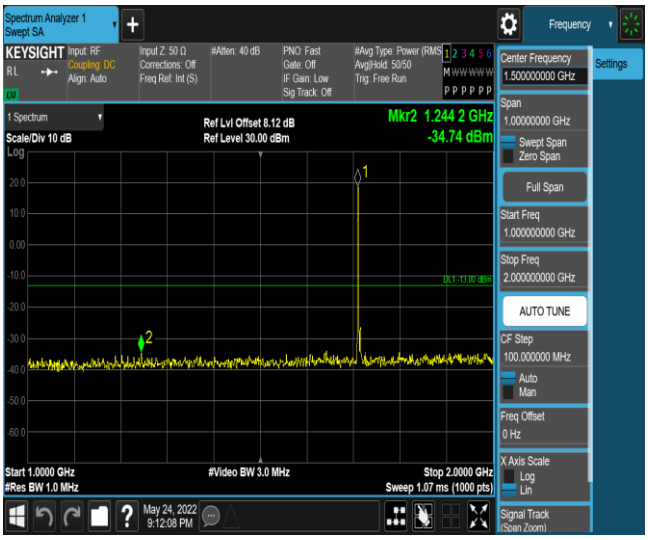
Band4-3MHz-QPSK-19965-1RB#0-Range1:0.009~0.15MHz



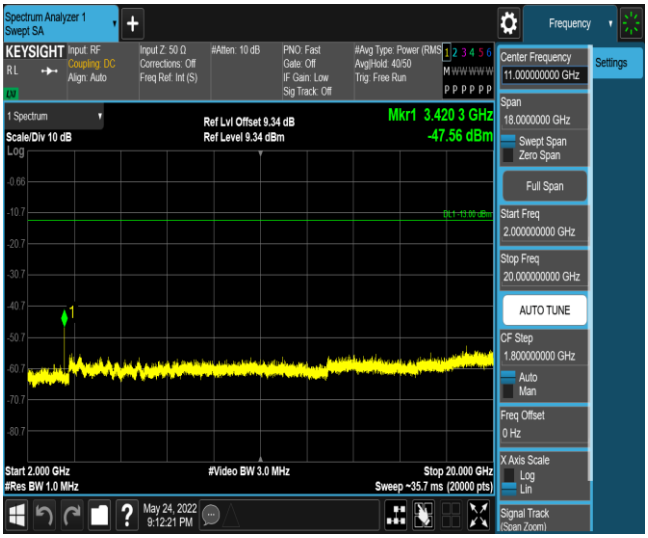
Band4-3MHz-QPSK-19965-1RB#0-Range2:0.15~30MHz



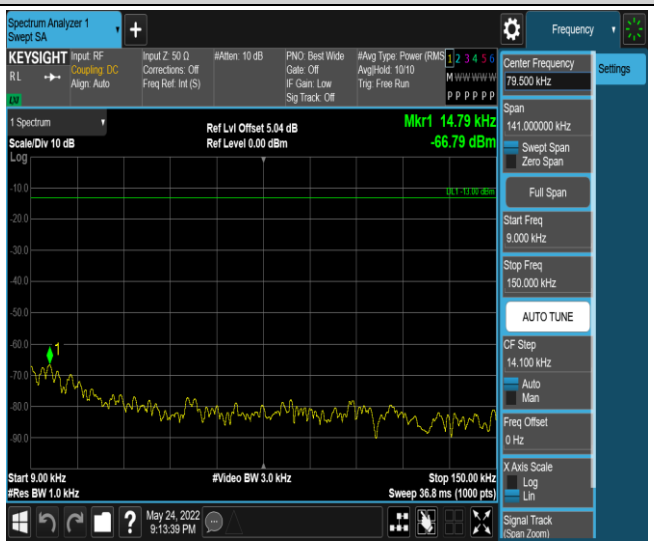
Band4-3MHz-QPSK-19965-1RB#0-Range3:30~1000MHz



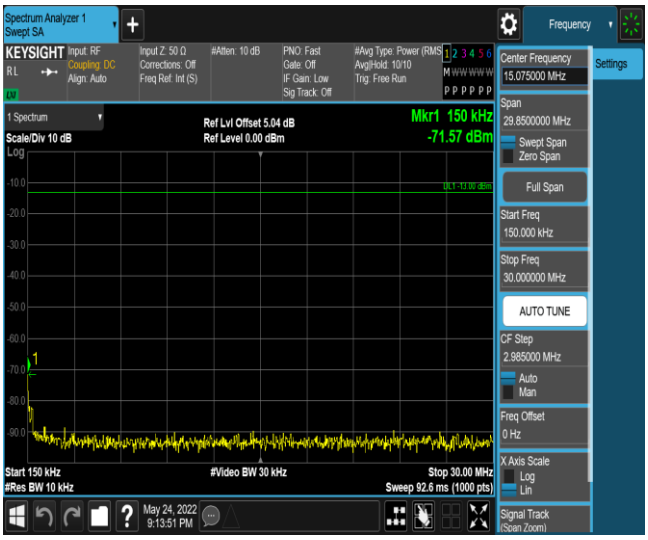
Band4-3MHz-QPSK-19965-1RB#0-Range4:1000~2000MHz



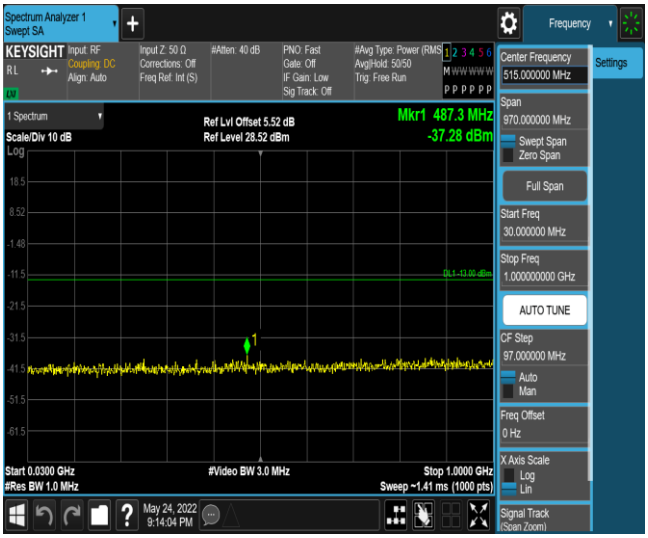
Band4-3MHz-QPSK-19965-1RB#0-Range5:2000~20000MHz



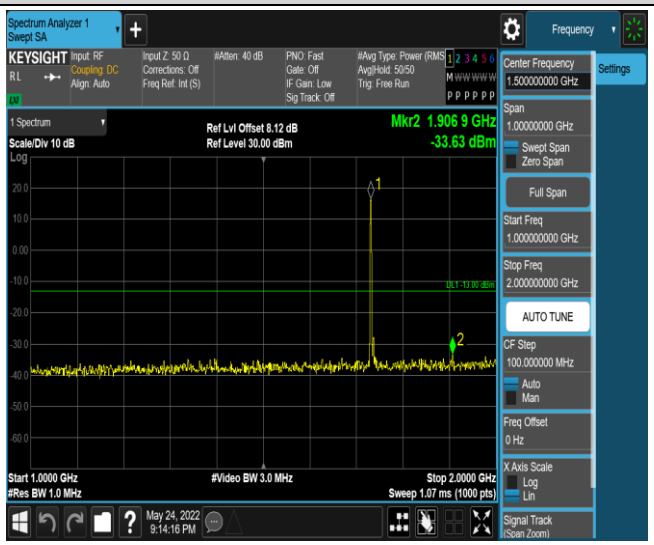
Band4-3MHz-QPSK-20175-1RB#0-Range1:0.009~0.15MHz



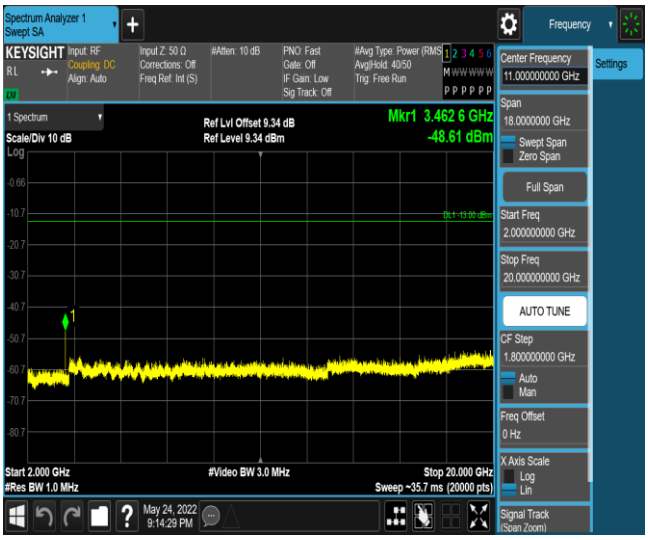
Band4-3MHz-QPSK-20175-1RB#0-Range2:0.15~30MHz



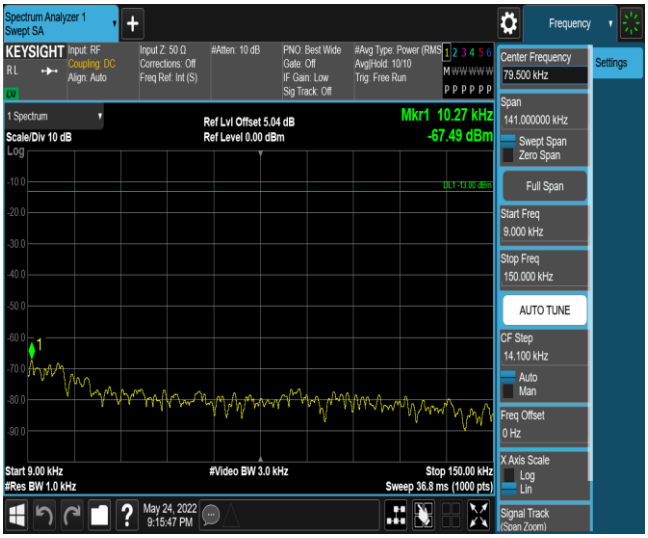
Band4-3MHz-QPSK-20175-1RB#0-Range3:30~1000MHz



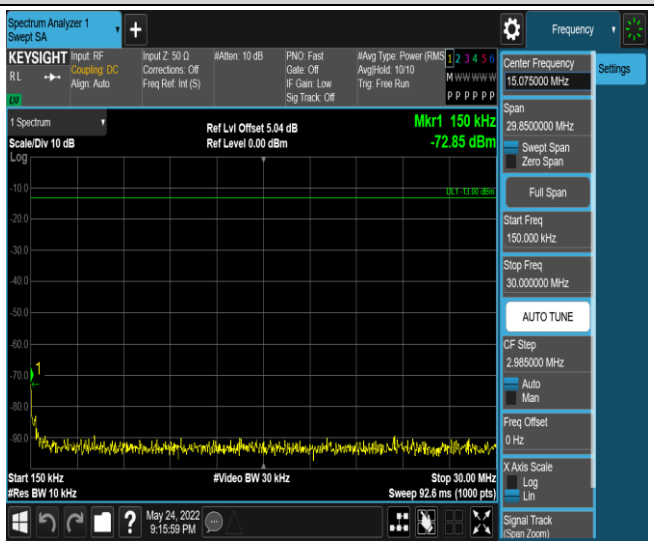
Band4-3MHz-QPSK-20175-1RB#0-Range4:1000~2000MHz



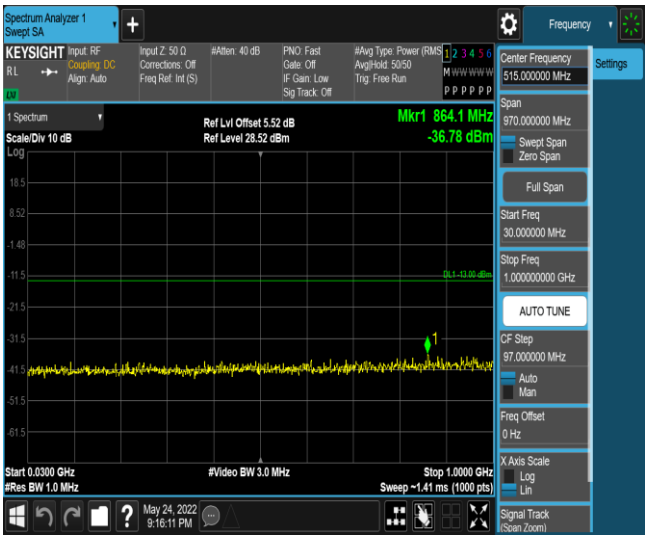
Band4-3MHz-QPSK-20175-1RB#0-Range5:2000~20000MHz



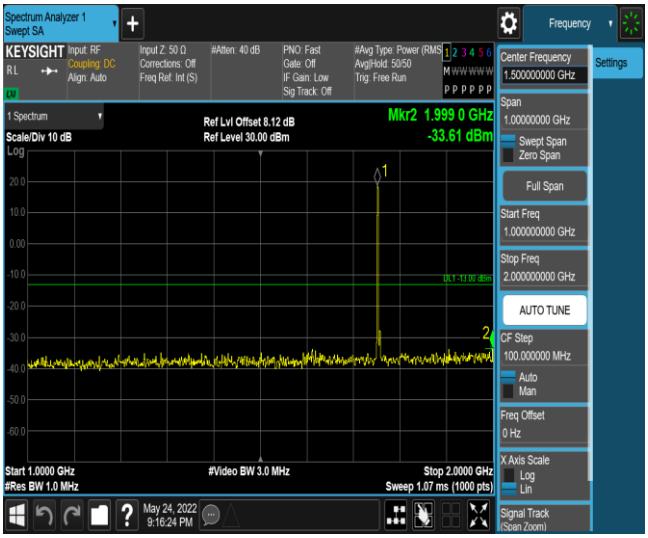
Band4-3MHz-QPSK-20385-1RB#0-Range1:0.009~0.15MHz



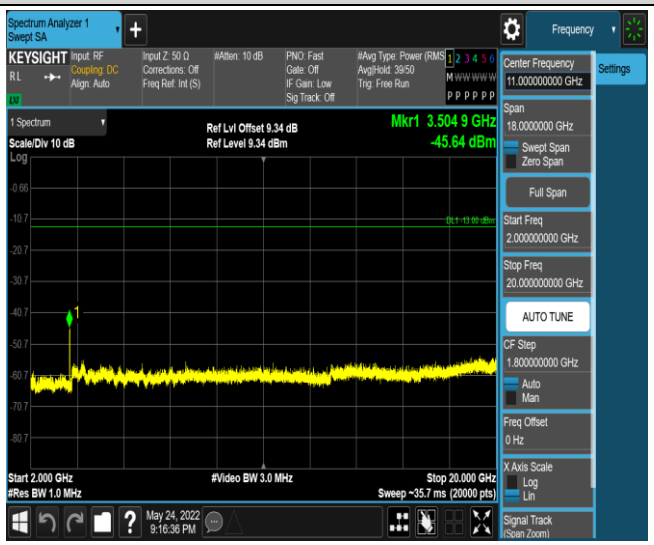
Band4-3MHz-QPSK-20385-1RB#0-Range2:0.15~30MHz



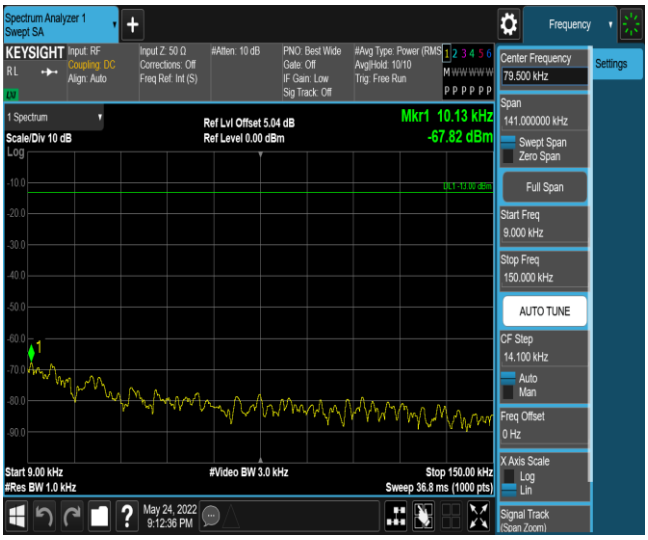
Band4-3MHz-QPSK-20385-1RB#0-Range3:30~1000MHz



Band4-3MHz-QPSK-20385-1RB#0-Range4:1000~2000MHz



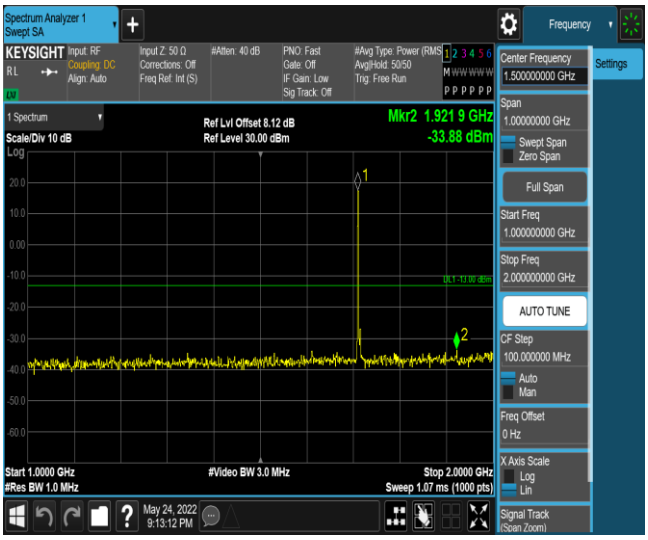
Band4-3MHz-QPSK-20385-1RB#0-Range5:2000~20000MHz



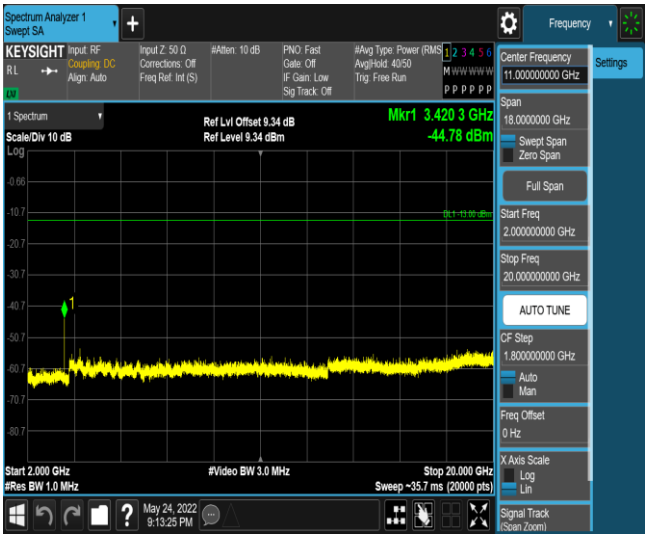
Band4-3MHz-16QAM-19965-1RB#0-Range1:0.009~0.15MHz

Band4-3MHz-16QAM-19965-1RB#0-Range2:0.15~30MHz

Band4-3MHz-16QAM-19965-1RB#0-Range3:30~1000MHz

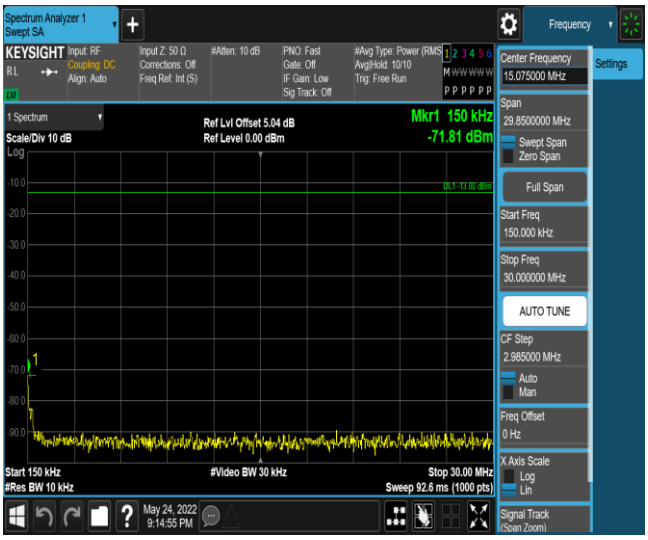


Band4-3MHz-16QAM-19965-1RB#0-Range4:1000~2000MHz



Band4-3MHz-16QAM-19965-1RB#0-Range5:2000~20000MHz

Band4-3MHz-16QAM-20175-1RB#0-Range1:0.009~0.15MHz



Band4-3MHz-16QAM-20175-1RB#0-Range2:0.15~30MHz