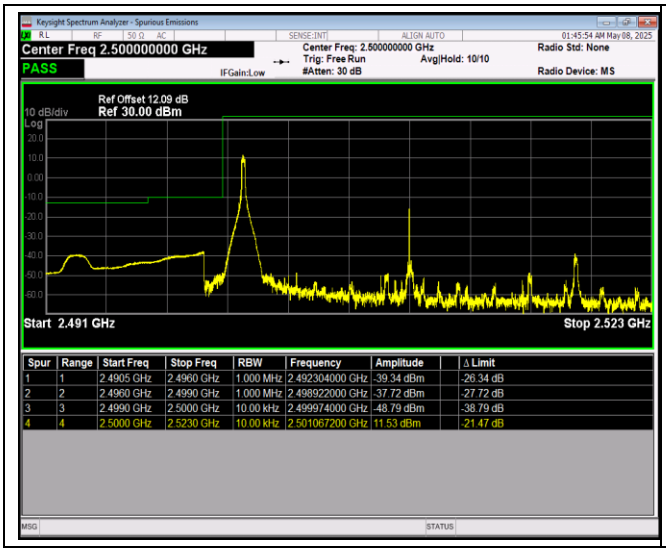
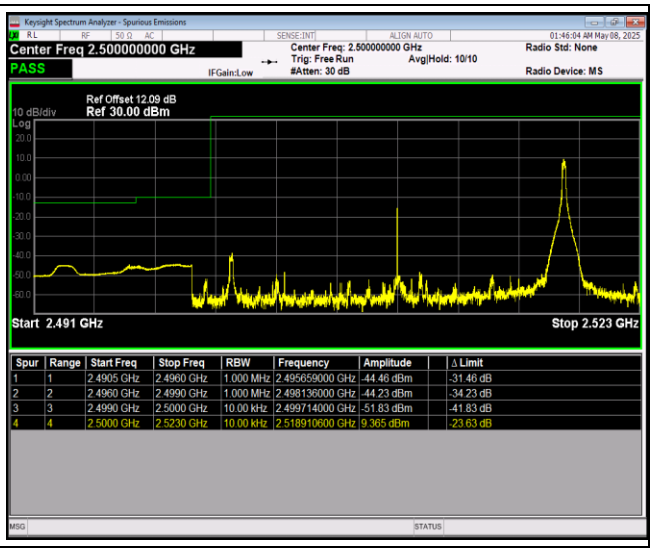
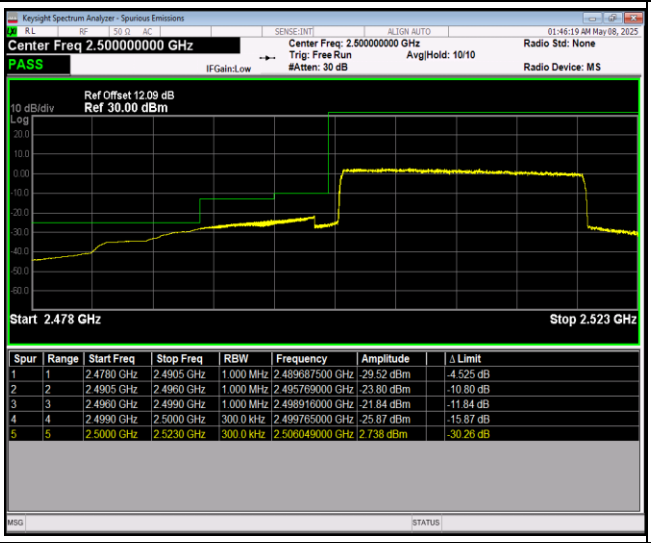


Band7-20MHz-QPSK-20850-100RB#0

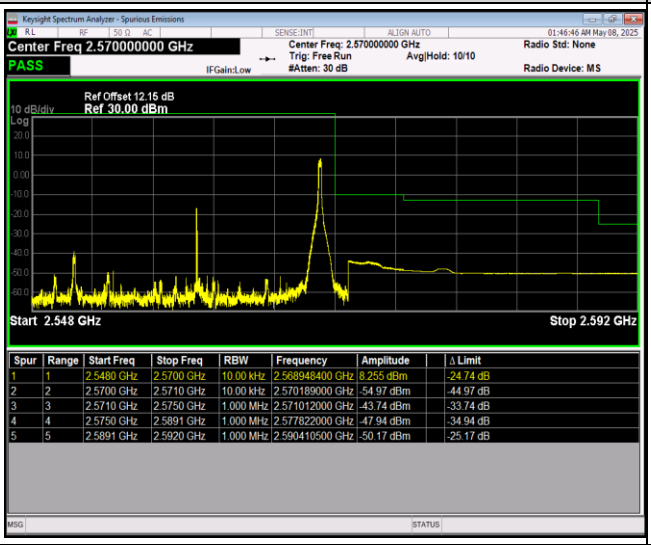


Band7-20MHz-QPSK-21350-1RB#0

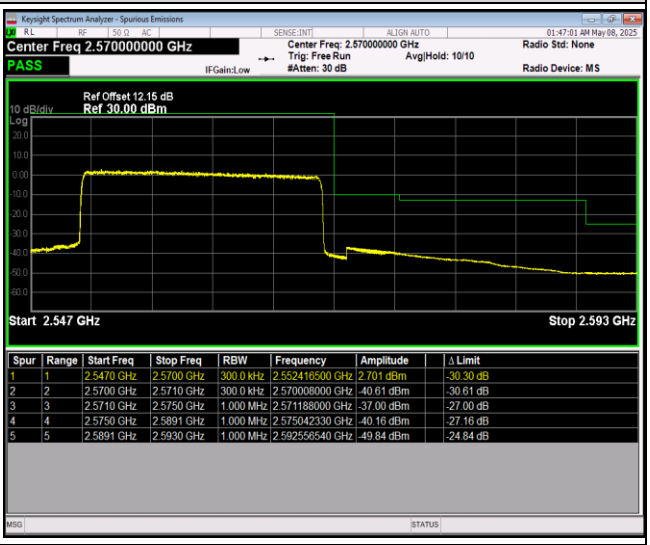


Band7-20MHz-QPSK-21350-1RB#99

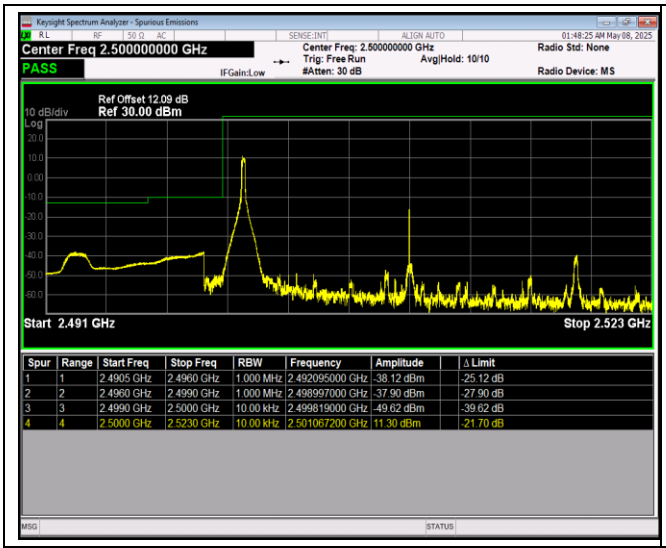
Band7-20MHz-QPSK-21350-100RB#0



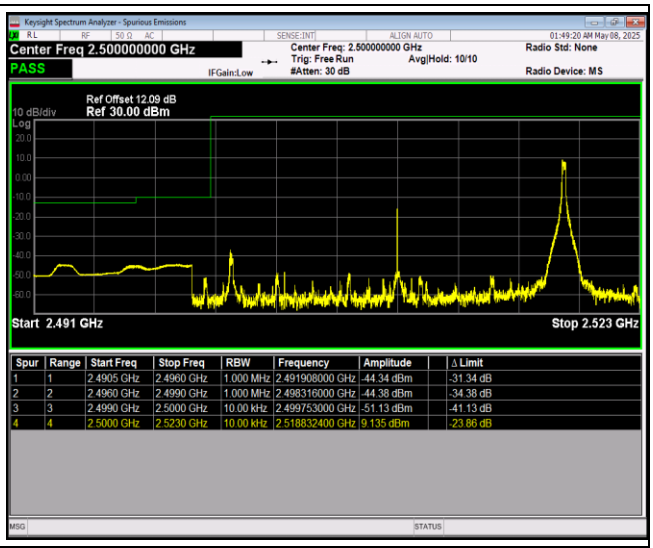
Band7-20MHz-16QAM-20850-1RB#0



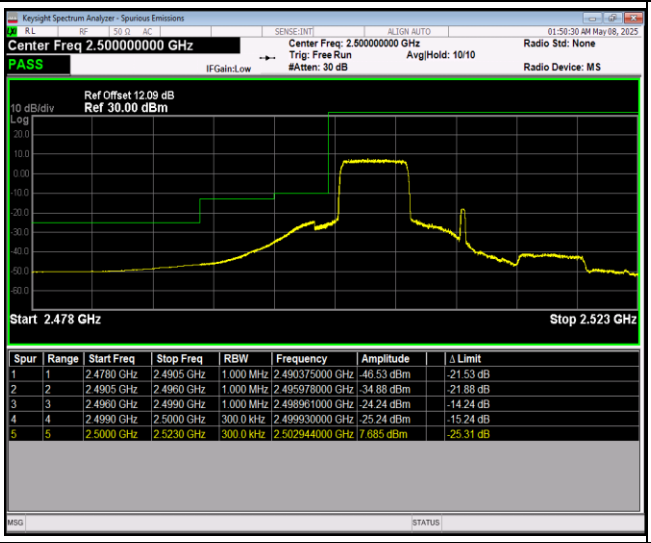
Band7-20MHz-16QAM-20850-1RB#99



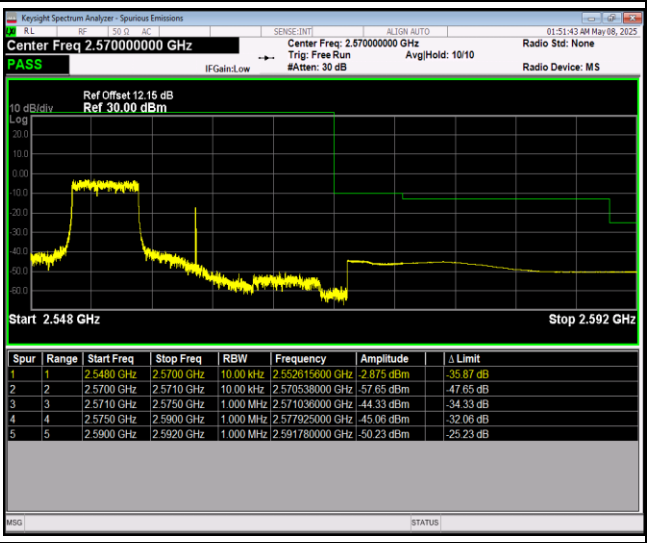
Band7-20MHz-16QAM-20850-27RB#0



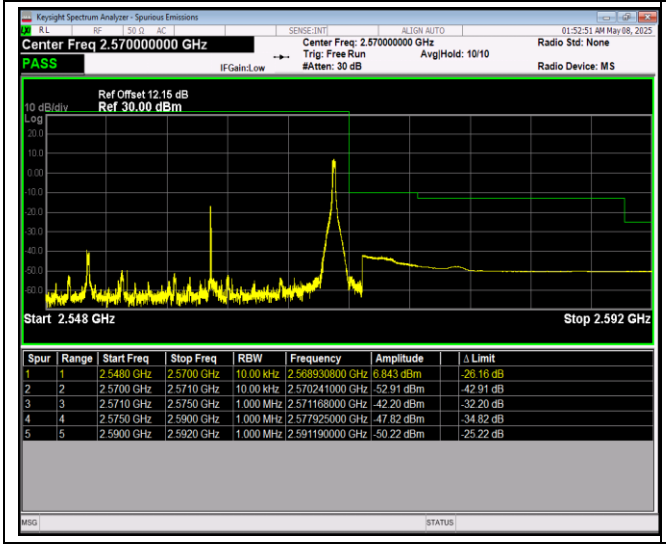
Band7-20MHz-16QAM-21350-1RB#0

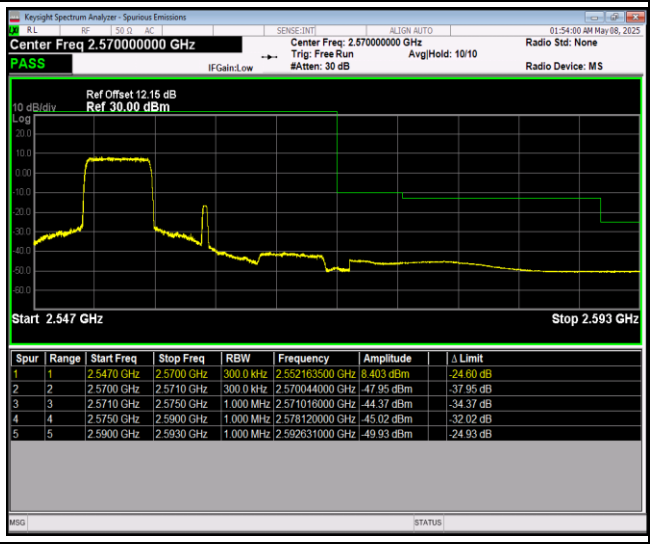


Band7-20MHz-16QAM-21350-1RB#99



Band7-20MHz-16QAM-21350-27RB#0





Appendix E: Conducted Spurious Emission

Test Result (worst case)

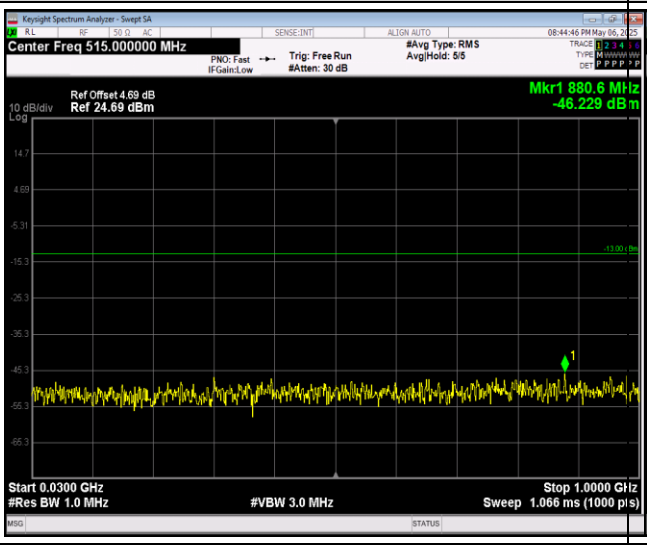
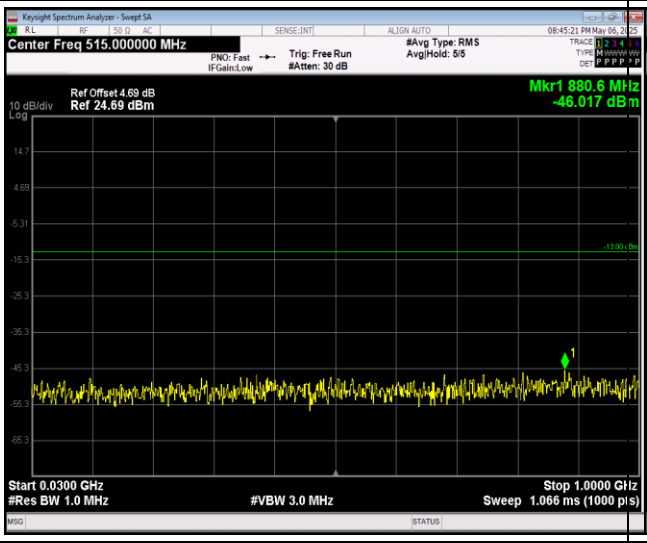
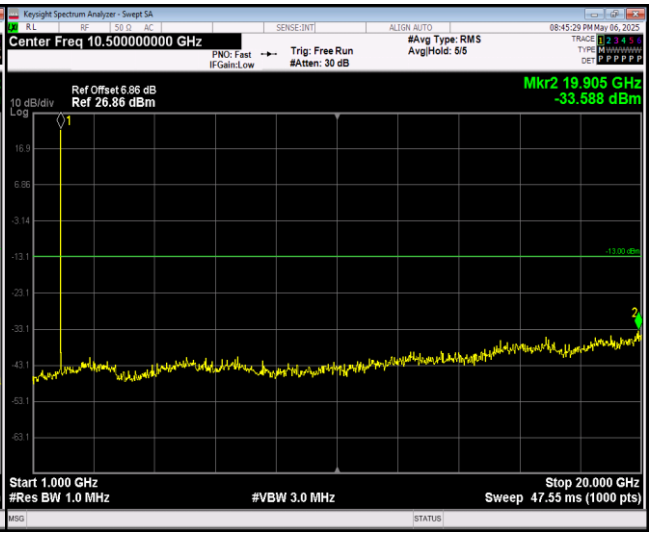
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	Range1:30~1000MHz	-46.23	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	Range2:1000~20000MHz	-34.64	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-46.02	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range2:1000~20000MHz	-33.59	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range1:30~1000MHz	-46.6	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range2:1000~20000MHz	-33.77	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range1:30~1000MHz	-46.51	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range2:1000~20000MHz	-34.41	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-46.62	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range2:1000~20000MHz	-34.63	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range1:30~1000MHz	-46.71	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range2:1000~20000MHz	-33.58	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range1:30~1000MHz	-45.23	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range2:1000~20000MHz	-33.48	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-46.03	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range2:1000~20000MHz	-33.51	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range1:30~1000MHz	-46.27	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range2:1000~20000MHz	-35.29	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range1:30~1000MHz	-45.85	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range2:1000~20000MHz	-34.21	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-46.34	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range2:1000~20000MHz	-34.58	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range1:30~1000MHz	-45.33	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range2:1000~20000MHz	-34.3	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range1:30~1000MHz	-46.65	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range2:1000~20000MHz	-35.13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-46.36	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-34.45	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range1:30~1000MHz	-46.19	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range2:1000~20000MHz	-35.27	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range1:30~1000MHz	-45.84	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range2:1000~20000MHz	-34.2	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-45.98	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-33.76	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range1:30~1000MHz	-46.32	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range2:1000~20000MHz	-34.64	PASS

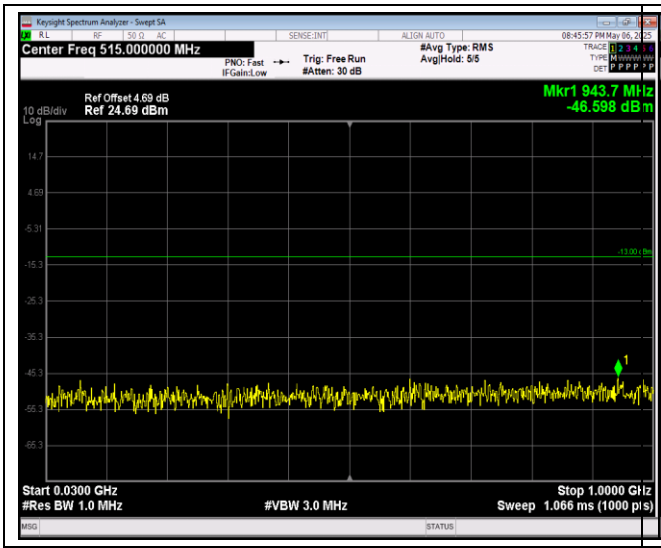
Band4	20MHz	QPSK	20050	1RB#0	Range1:30~1000MHz	-45.18	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range2:1000~20000MHz	-34.72	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-46.54	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-34.7	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range1:30~1000MHz	-46.42	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range2:1000~20000MHz	-33.52	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range1:30~1000MHz	-46.06	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range2:1000~20000MHz	-34.06	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-46.52	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-33.26	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range1:30~1000MHz	-46.42	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range2:1000~20000MHz	-31.55	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range1:30~1000MHz	-46.11	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range2:1000~10000MHz	-41.33	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-45.82	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-41.43	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range1:30~1000MHz	-44.15	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range2:1000~10000MHz	-41.06	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range1:30~1000MHz	-45.1	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range2:1000~10000MHz	-41.46	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-45.59	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-41.1	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range1:30~1000MHz	-46.03	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range2:1000~10000MHz	-40.4	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range1:30~1000MHz	-45.68	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range2:1000~10000MHz	-40.69	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-46.17	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-40.98	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range1:30~1000MHz	-46.32	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range2:1000~10000MHz	-40.96	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range1:30~1000MHz	-46.42	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range2:1000~10000MHz	-40.56	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-47.27	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-40.48	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range1:30~1000MHz	-46.59	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range2:1000~10000MHz	-41.19	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range1:30~1000MHz	-46.41	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range2:1000~26500MHz	-28.98	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-46.34	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range2:1000~26500MHz	-29.19	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range1:30~1000MHz	-46.63	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range2:1000~26500MHz	-29.58	PASS

Band7	5MHz	16QAM	20775	1RB#0	Range1:30~1000MHz	-46.37	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range2:1000~26500MHz	-28.65	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-46.57	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range2:1000~26500MHz	-29.86	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range1:30~1000MHz	-46.51	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range2:1000~26500MHz	-29.01	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range1:30~1000MHz	-45.8	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range2:1000~26500MHz	-29.09	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-47	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range2:1000~26500MHz	-29.56	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range1:30~1000MHz	-46.55	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range2:1000~26500MHz	-28.86	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range1:30~1000MHz	-47.16	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range2:1000~26500MHz	-29.1	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-46.44	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range2:1000~26500MHz	-28.41	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range1:30~1000MHz	-46.81	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range2:1000~26500MHz	-28.75	PASS

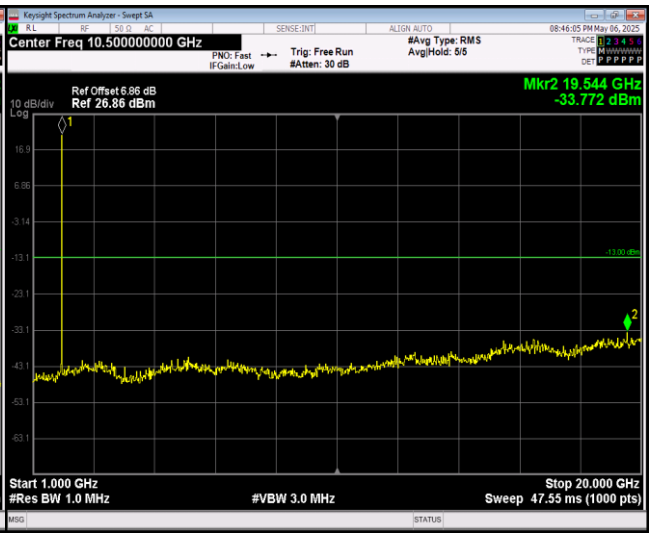
Remark: All bandwidth and all modulation had been tested, but only the worst case data displayed in this report.

Test Graphs

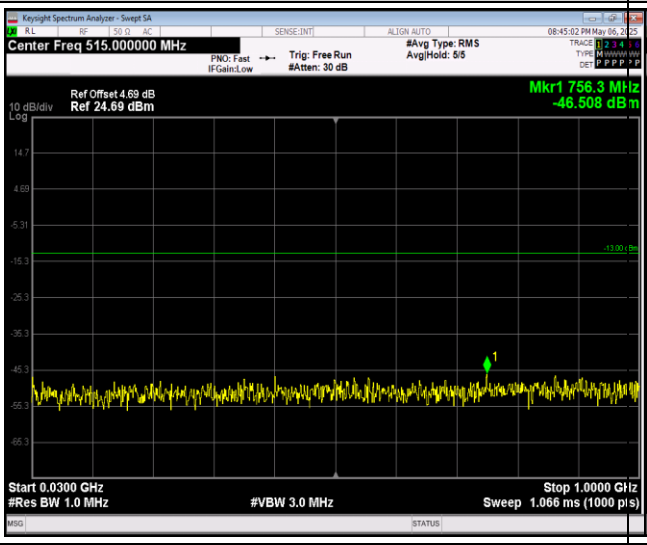
Band2-1.4MHz-QPSK-18607-1RB#0-Range1:30~1000MHz	Band2-1.4MHz-QPSK-18607-1RB#0-Range2:1000~20000MHz
	
Band2-1.4MHz-QPSK-18900-1RB#0-Range1:30~1000MHz	Band2-1.4MHz-QPSK-18900-1RB#0-Range2:1000~20000MHz
	
Band2-1.4MHz-QPSK-19193-1RB#0-Range1:30~1000MHz	Band2-1.4MHz-QPSK-19193-1RB#0-Range2:1000~20000MHz



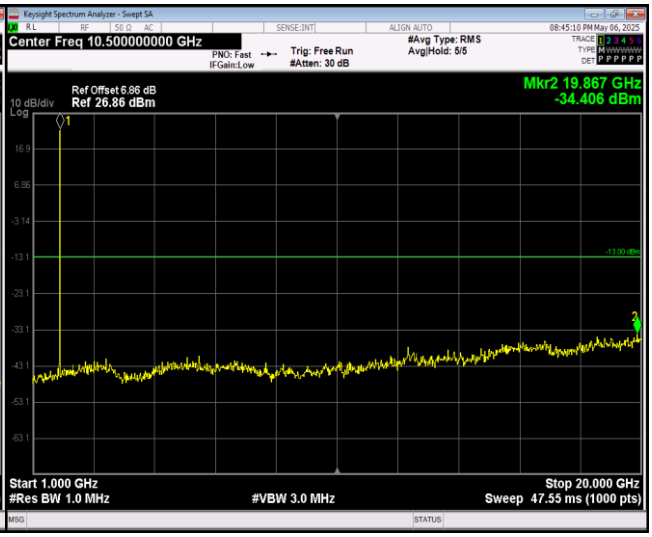
Band2-1.4MHz-16QAM-18607-1RB#0-Range1:30~1000MHz



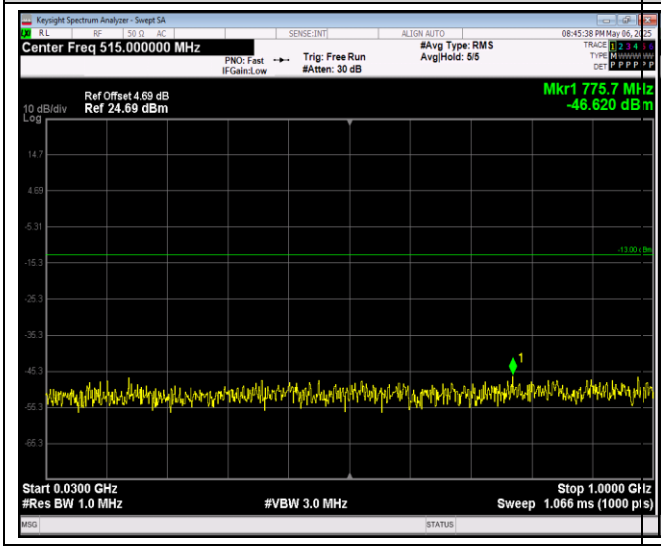
Band2-1.4MHz-16QAM-18607-1RB#0-Range2:1000~20000MHz

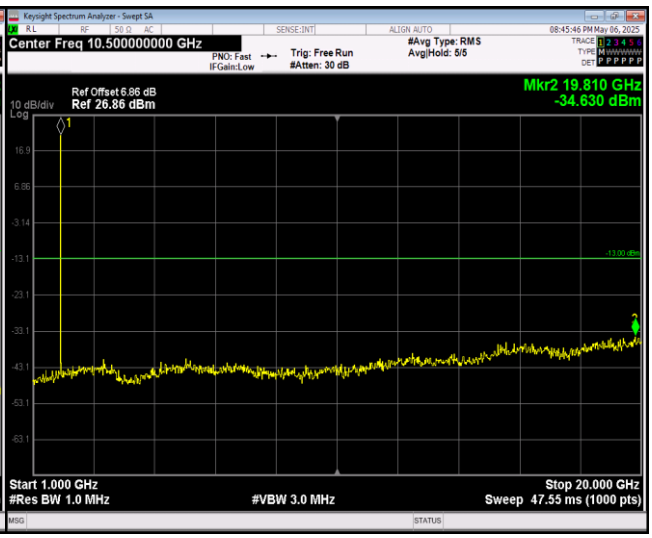


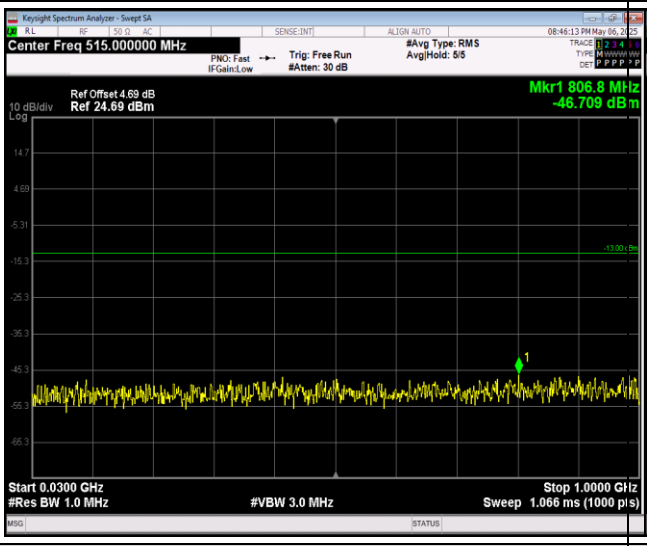
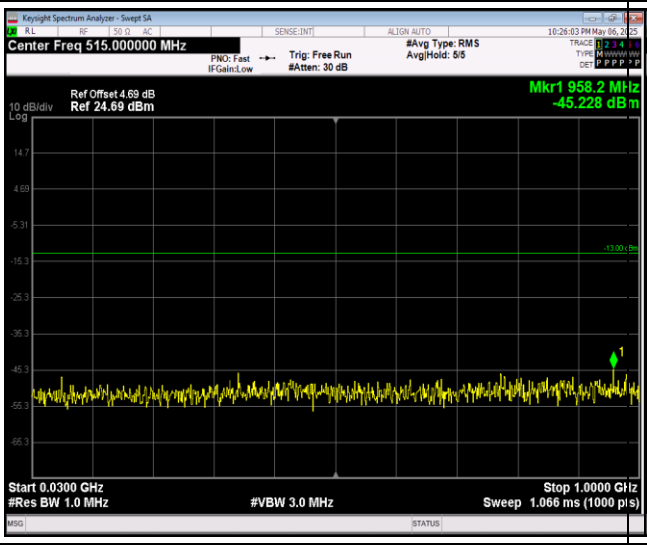
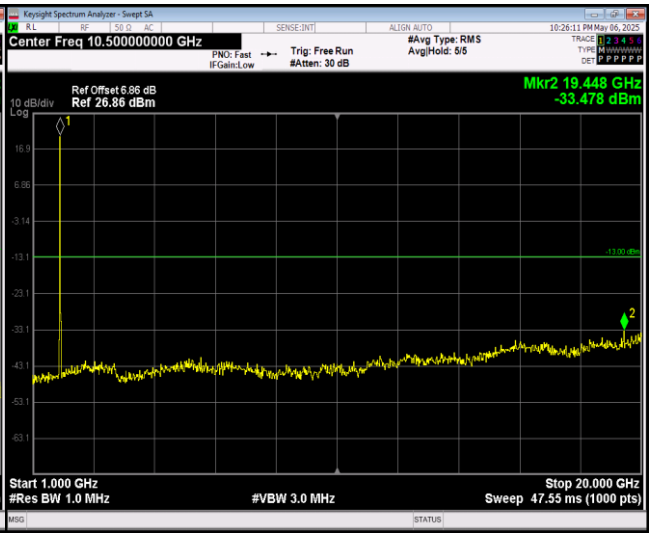
Band2-1.4MHz-16QAM-18900-1RB#0-Range1:30~1000MHz

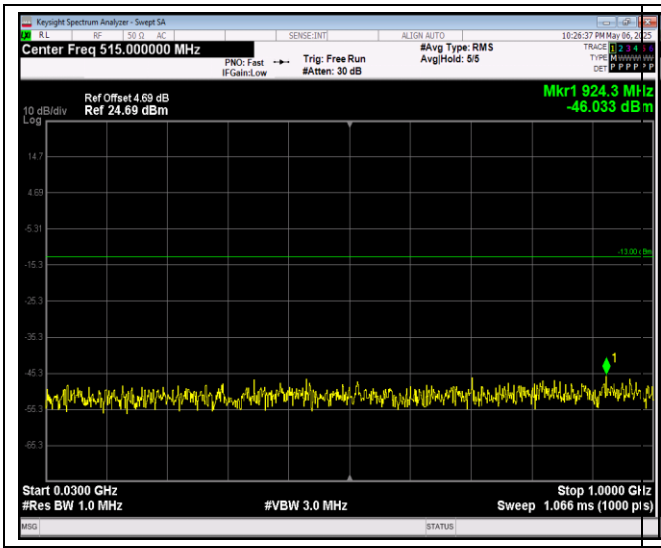


Band2-1.4MHz-16QAM-18900-1RB#0-Range2:1000~20000MHz

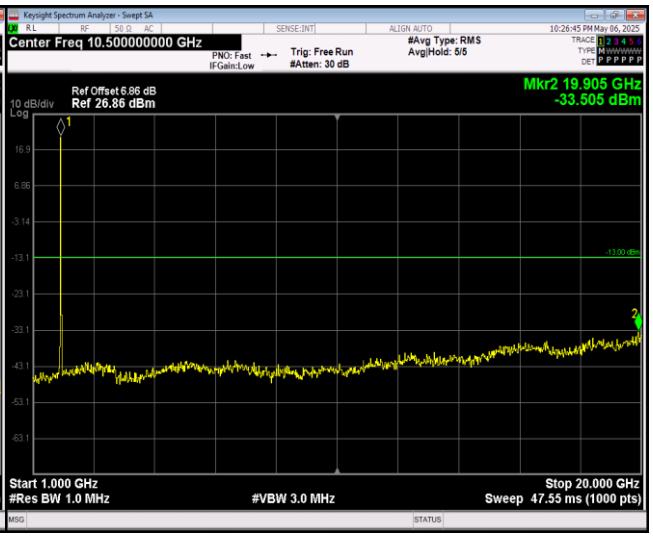




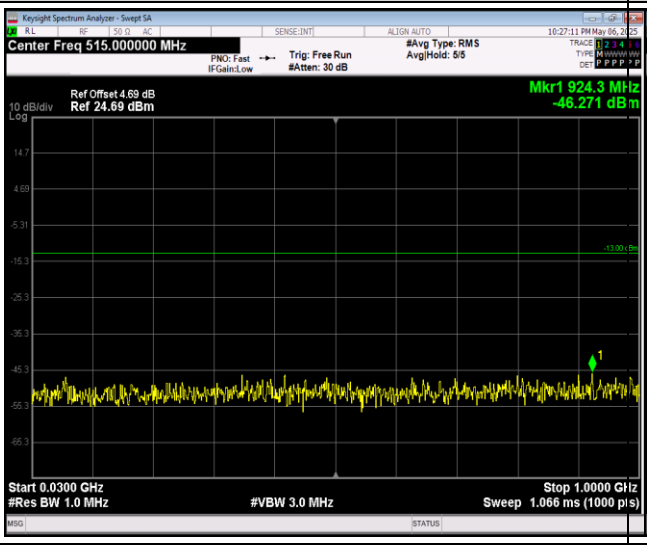
Band2-1.4MHz-16QAM-19193-1RB#0-Range1:30~1000MHz	Band2-1.4MHz-16QAM-19193-1RB#0-Range2:1000~20000MHz
	
Band2-20MHz-QPSK-18700-1RB#0-Range1:30~1000MHz	Band2-20MHz-QPSK-18700-1RB#0-Range2:1000~20000MHz
	
Band2-20MHz-QPSK-18900-1RB#0-Range1:30~1000MHz	Band2-20MHz-QPSK-18900-1RB#0-Range2:1000~20000MHz



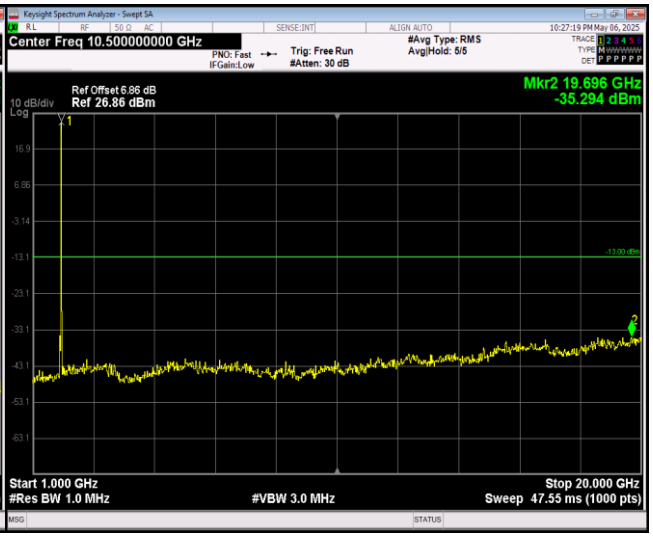
Band2-20MHz-QPSK-19100-1RB#0-Range1:30~1000MHz



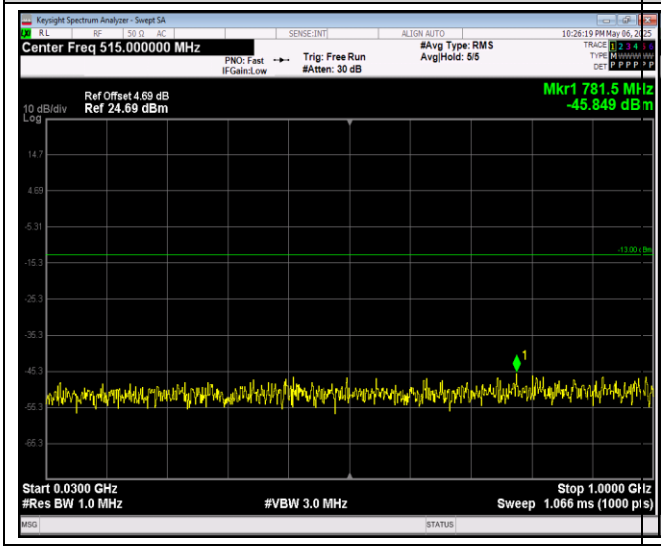
Band2-20MHz-QPSK-19100-1RB#0-Range2:1000~20000MHz

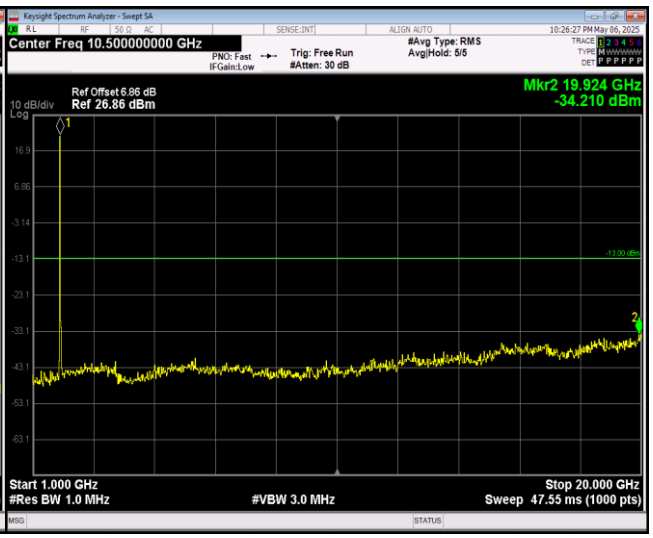


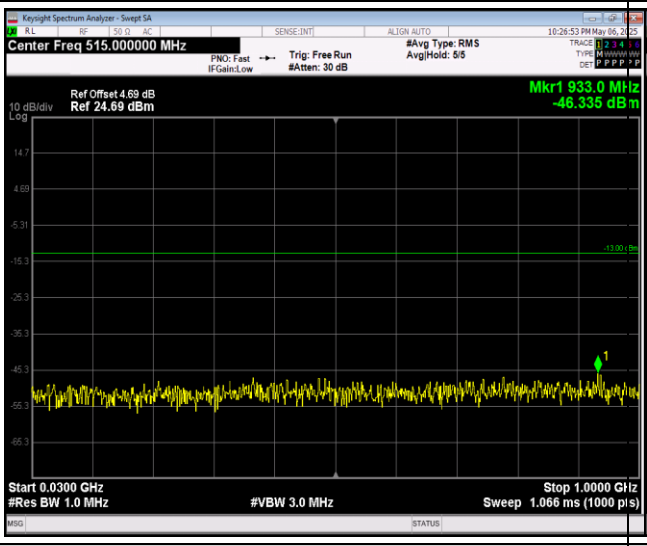
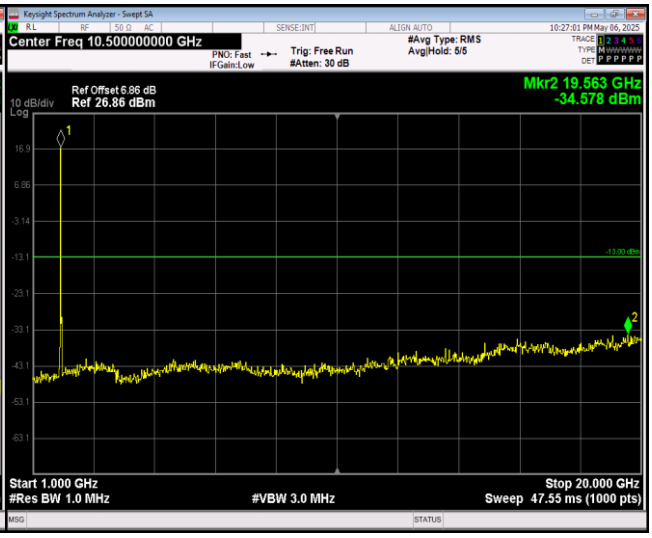
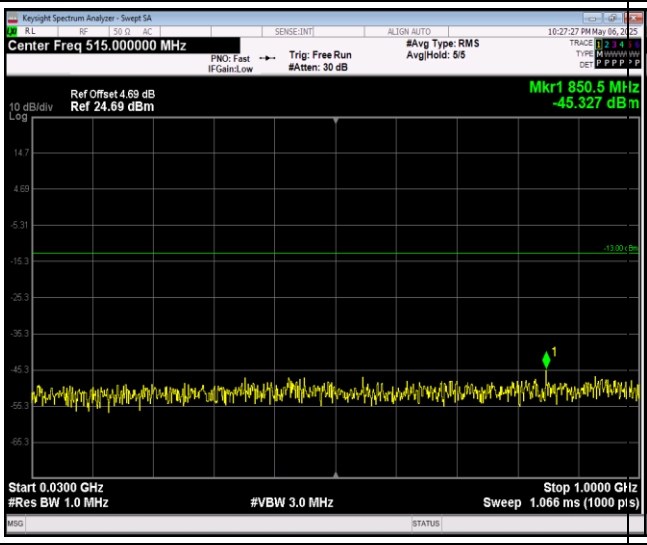
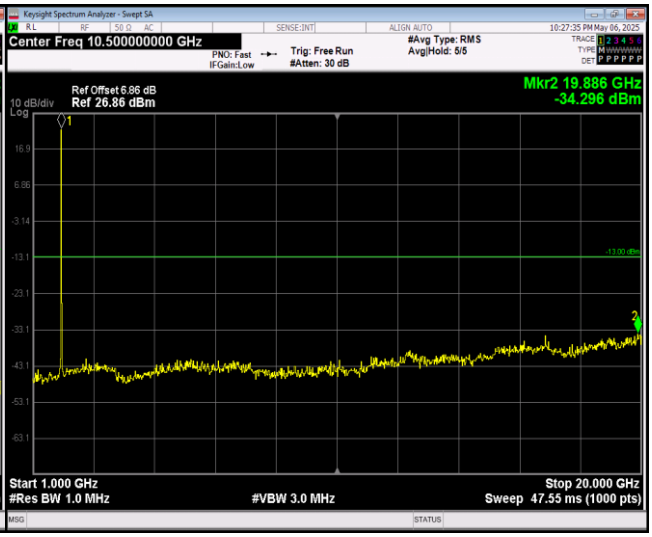
Band2-20MHz-16QAM-18700-1RB#0-Range1:30~1000MHz

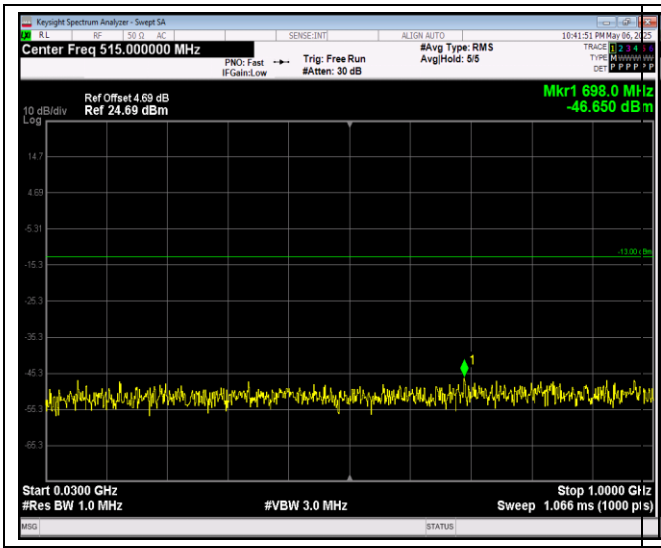


Band2-20MHz-16QAM-18700-1RB#0-Range2:1000~20000MHz

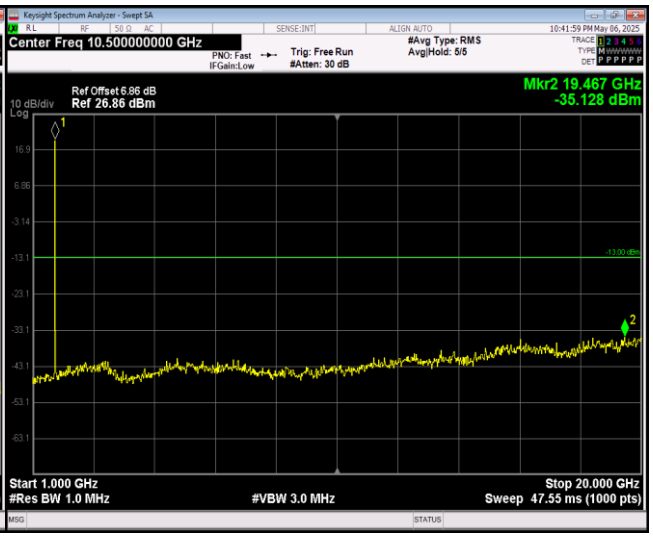




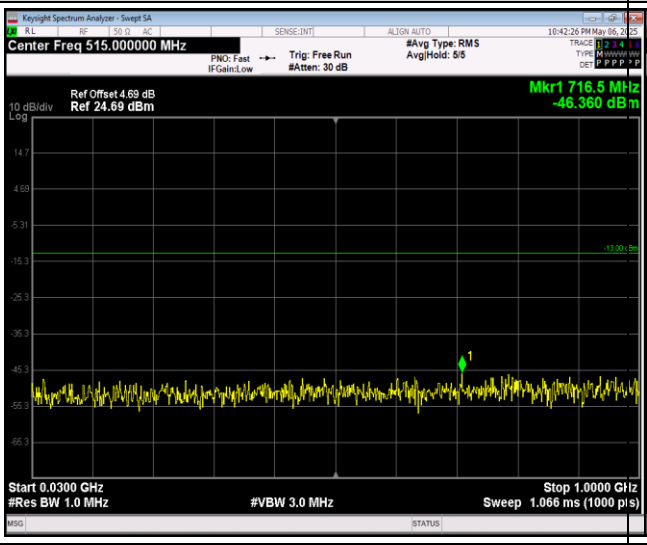
Band2-20MHz-16QAM-18900-1RB#0-Range1:30~1000MHz	Band2-20MHz-16QAM-18900-1RB#0-Range2:1000~20000MHz
	
Band2-20MHz-16QAM-19100-1RB#0-Range1:30~1000MHz	Band2-20MHz-16QAM-19100-1RB#0-Range2:1000~20000MHz
	
Band4-1.4MHz-QPSK-19957-1RB#0-Range1:30~1000MHz	Band4-1.4MHz-QPSK-19957-1RB#0-Range2:1000~20000MHz



Band4-1.4MHz-QPSK-20175-1RB#0-Range1:30~1000MHz

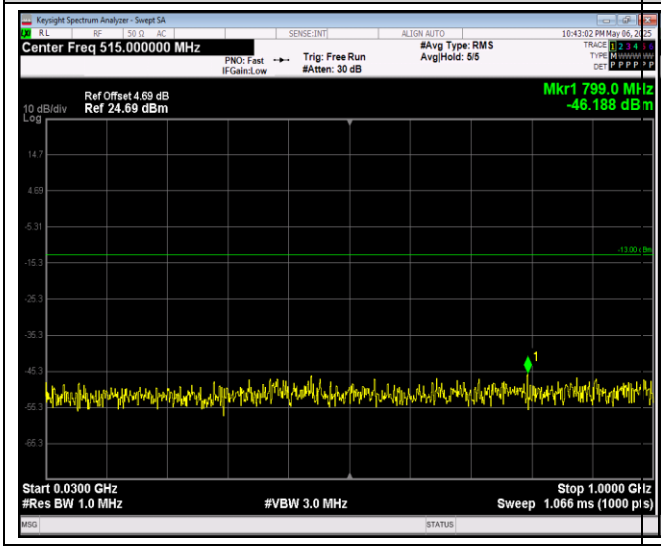


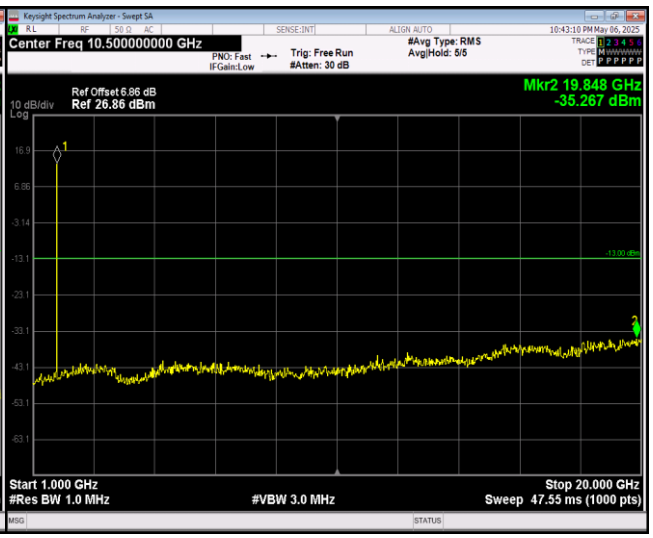
Band4-1.4MHz-QPSK-20175-1RB#0-Range2:1000~20000MHz

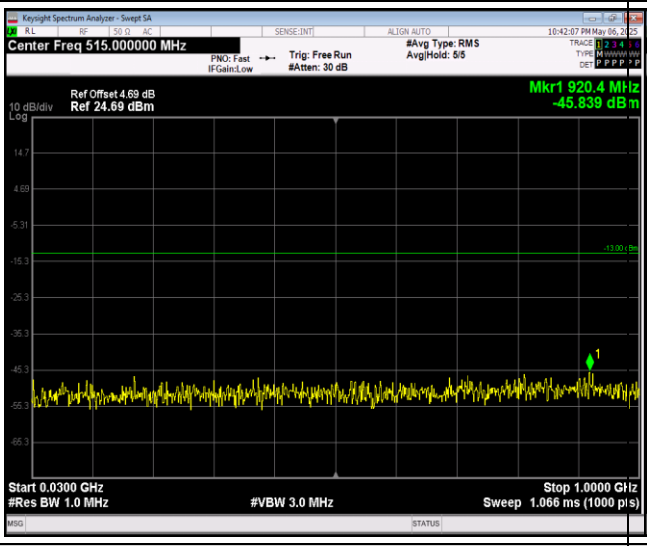
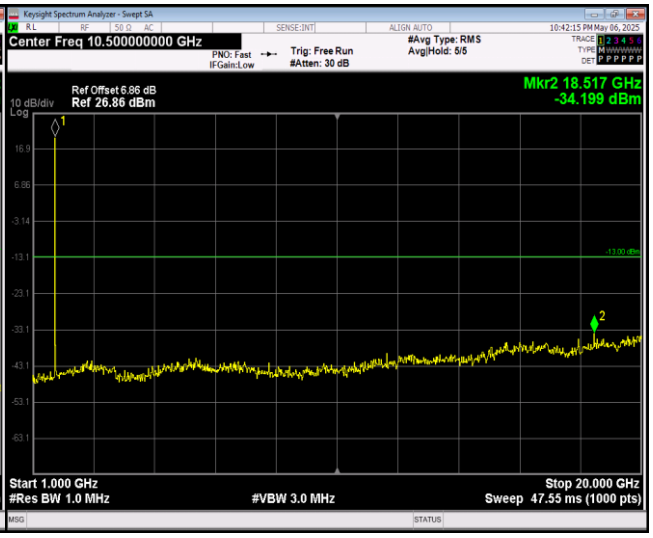
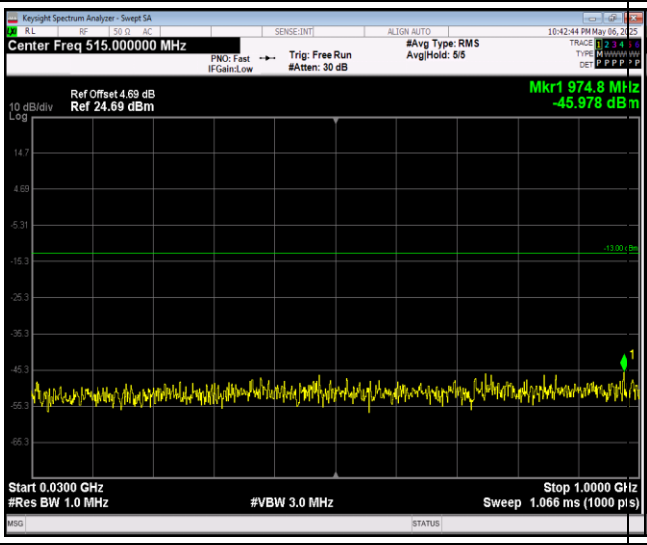
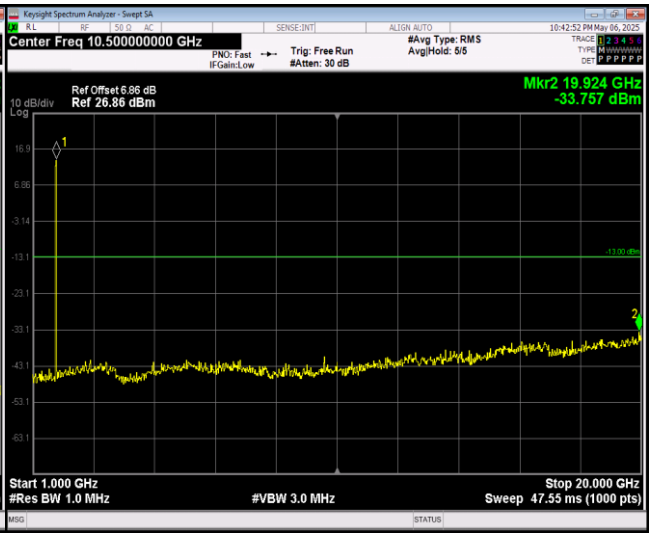


Band4-1.4MHz-QPSK-20393-1RB#0-Range1:30~1000MHz

Band4-1.4MHz-QPSK-20393-1RB#0-Range2:1000~20000MHz





Band4-1.4MHz-16QAM-19957-1RB#0-Range1:30~1000MHz	Band4-1.4MHz-16QAM-19957-1RB#0-Range2:1000~20000MHz
	
Band4-1.4MHz-16QAM-20175-1RB#0-Range1:30~1000MHz	Band4-1.4MHz-16QAM-20175-1RB#0-Range2:1000~20000MHz
	
Band4-1.4MHz-16QAM-20393-1RB#0-Range1:30~1000MHz	Band4-1.4MHz-16QAM-20393-1RB#0-Range2:1000~20000MHz