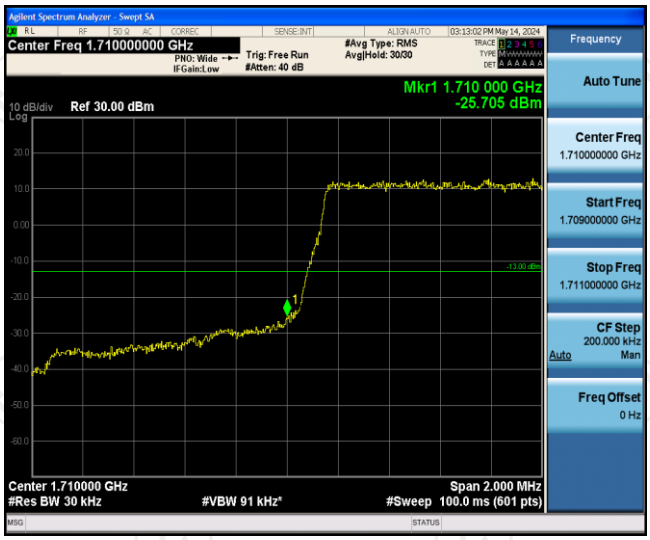
Appendix D: Band Edge

Test Result

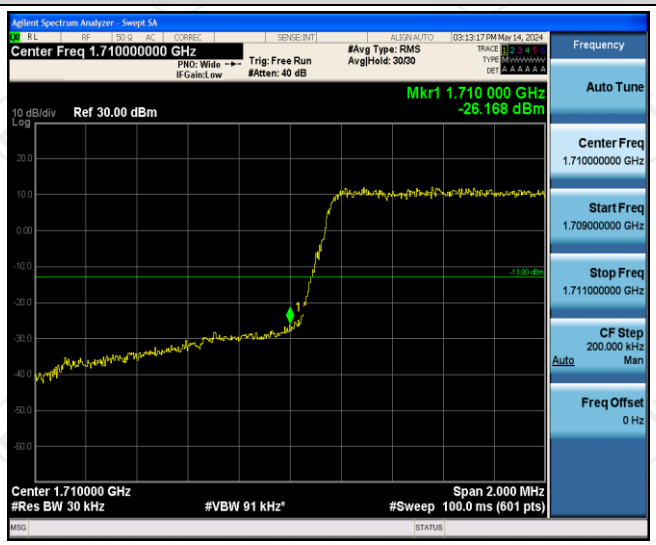
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	-25.71	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-26.31	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-26.17	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-26.89	PASS
Band4	3MHz	QPSK	19965	15RB#0	-16.44	PASS
Band4	3MHz	QPSK	20385	15RB#0	-16.35	PASS
Band4	3MHz	16QAM	19965	15RB#0	-17.07	PASS
Band4	3MHz	16QAM	20385	15RB#0	-17.62	PASS
Band4	5MHz	QPSK	19975	25RB#0	-21.11	PASS
Band4	5MHz	QPSK	20375	25RB#0	-22.22	PASS
Band4	5MHz	16QAM	19975	25RB#0	-20.84	PASS
Band4	5MHz	16QAM	20375	25RB#0	-23.75	PASS
Band4	10MHz	QPSK	20000	50RB#0	-25.42	PASS
Band4	10MHz	QPSK	20350	50RB#0	-24.78	PASS
Band4	10MHz	16QAM	20000	50RB#0	-25.86	PASS
Band4	10MHz	16QAM	20350	50RB#0	-25.00	PASS
Band4	15MHz	QPSK	20025	75RB#0	-25.57	PASS
Band4	15MHz	QPSK	20325	75RB#0	-25.78	PASS
Band4	15MHz	16QAM	20025	75RB#0	-25.80	PASS
Band4	15MHz	16QAM	20325	75RB#0	-24.34	PASS
Band4	20MHz	QPSK	20050	100RB#0	-28.41	PASS
Band4	20MHz	QPSK	20300	100RB#0	-27.04	PASS
Band4	20MHz	16QAM	20050	100RB#0	-28.53	PASS
Band4	20MHz	16QAM	20300	100RB#0	-27.96	PASS

Test Graphs



Band4-1.4MHz-QPSK-19957-6RB#0

Band4-1.4MHz-QPSK-20393-6RB#0



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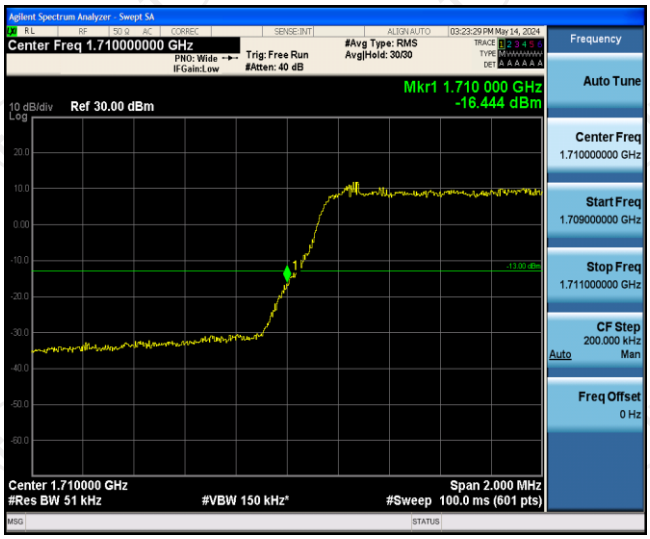
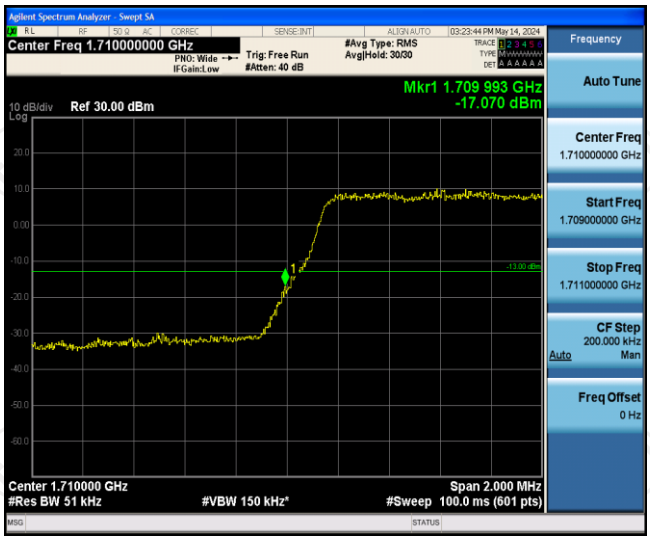
Band4-1.4MHz-16QAM-20393-6RB#0

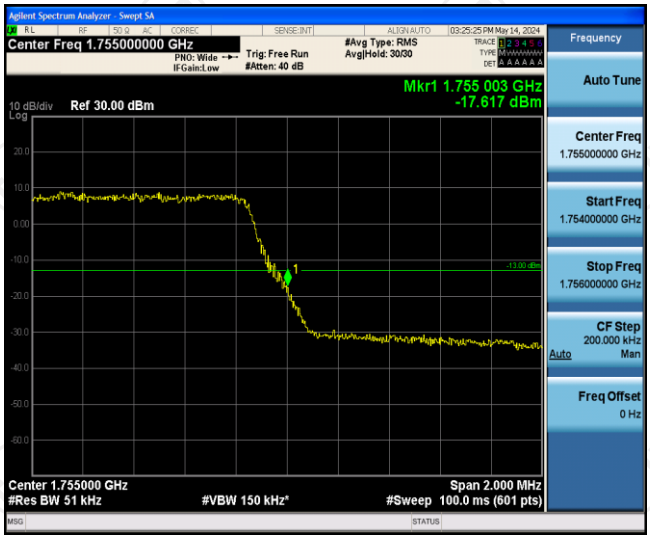


Band4-3MHz-QPSK-19965-15RB#0

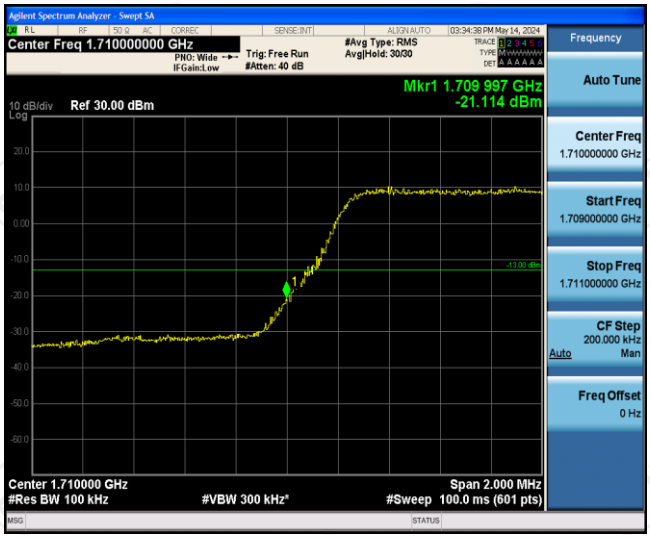
Band4-3MHz-QPSK-20385-15RB#0



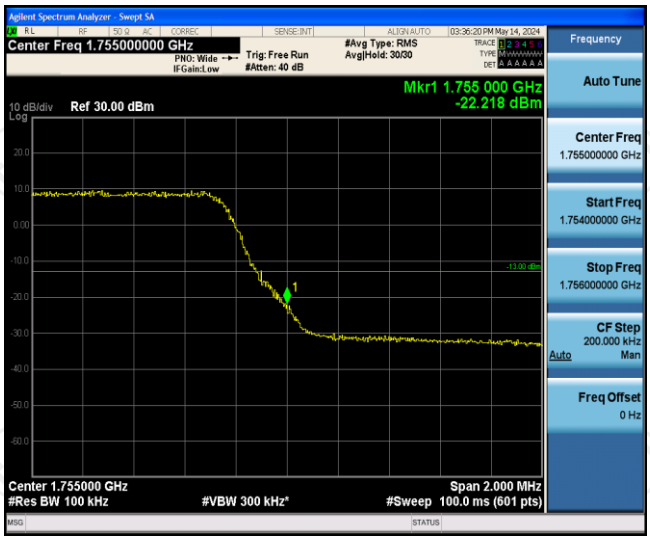
Band4-3MHz-16QAM-19965-15RB#0



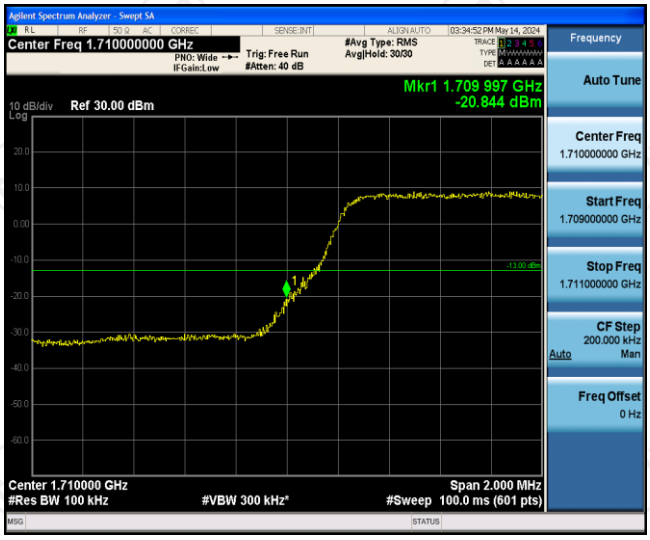
Band4-3MHz-16QAM-20385-15RB#0



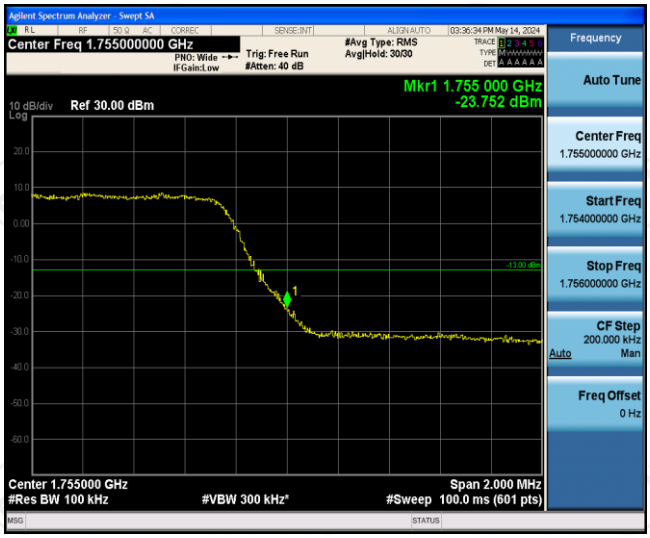
Band4-5MHz-QPSK-19975-25RB#0



Band4-5MHz-QPSK-20375-25RB#0



Band4-5MHz-16QAM-19975-25RB#0



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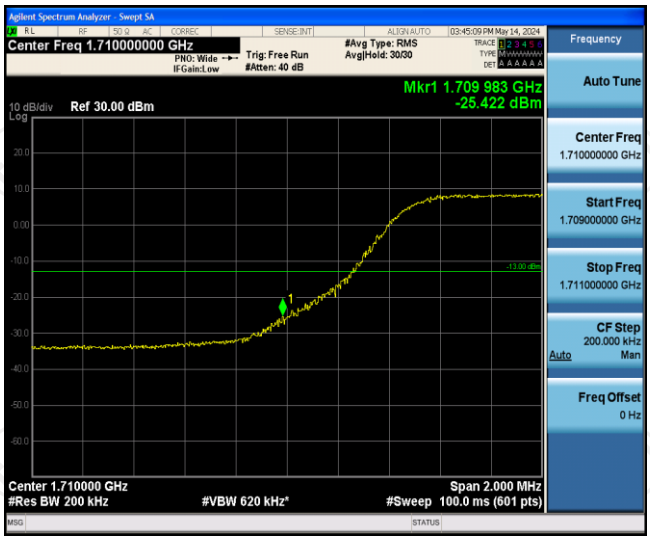
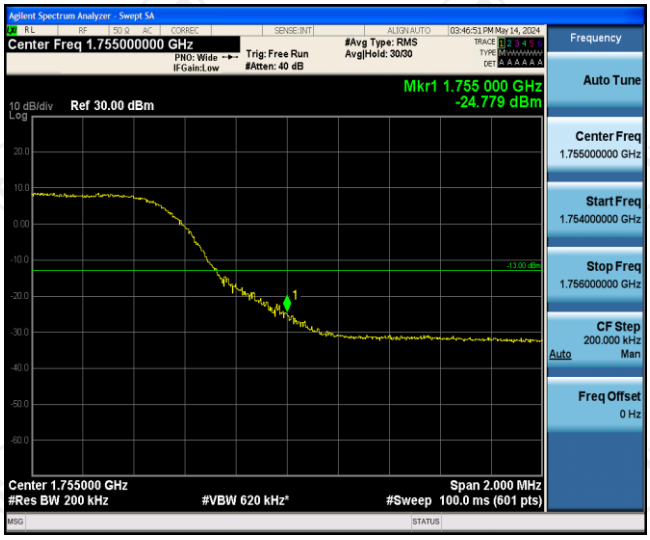
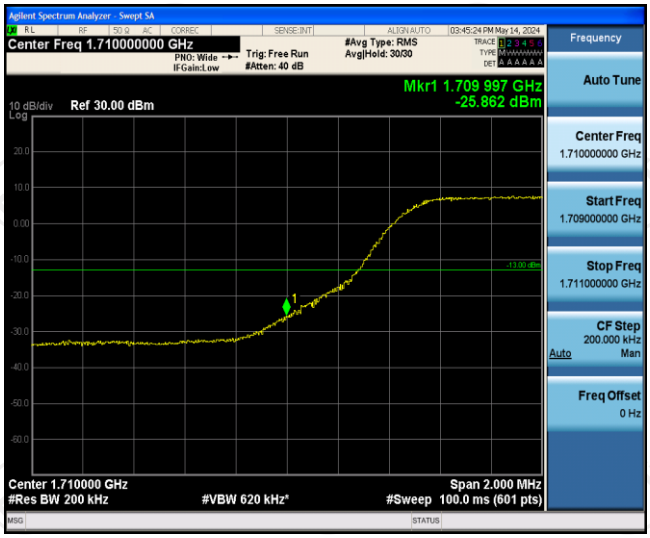


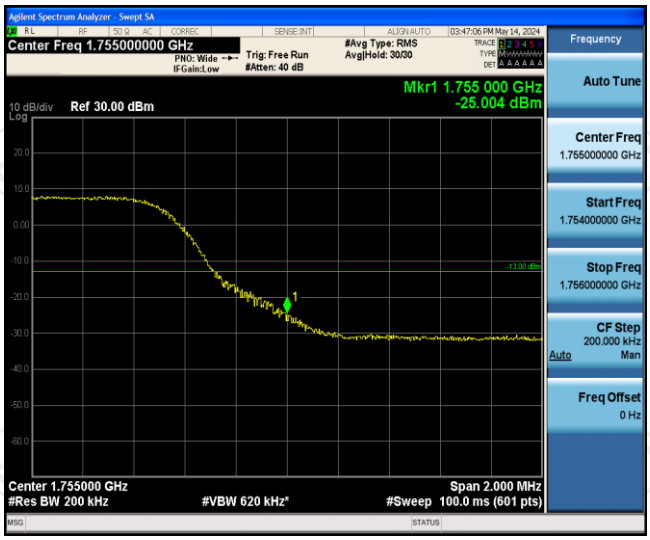
Band4-10MHz-QPSK-20000-50RB#0



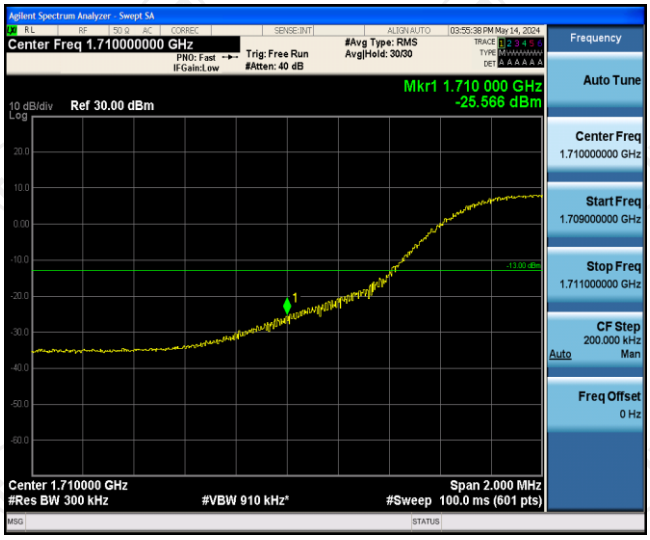
Band4-10MHz-QPSK-20350-50RB#0



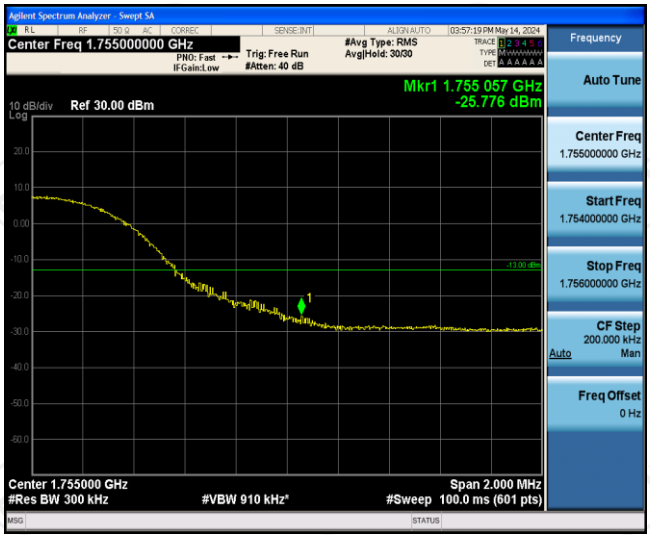
Band4-10MHz-16QAM-20000-50RB#0



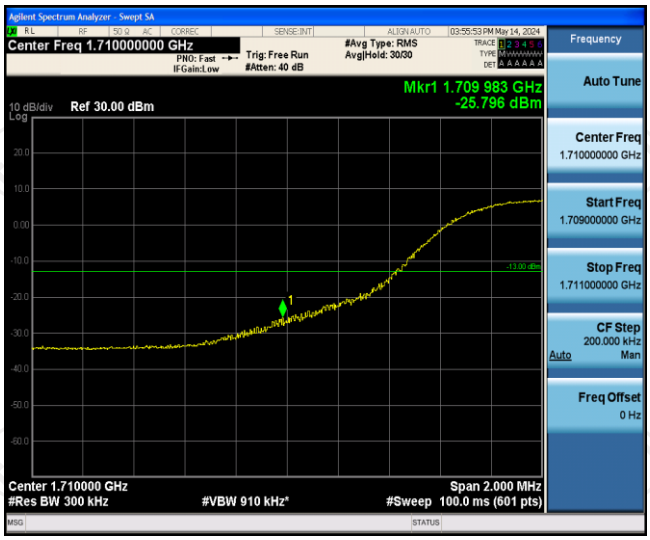
Band4-10MHz-16QAM-20350-50RB#0



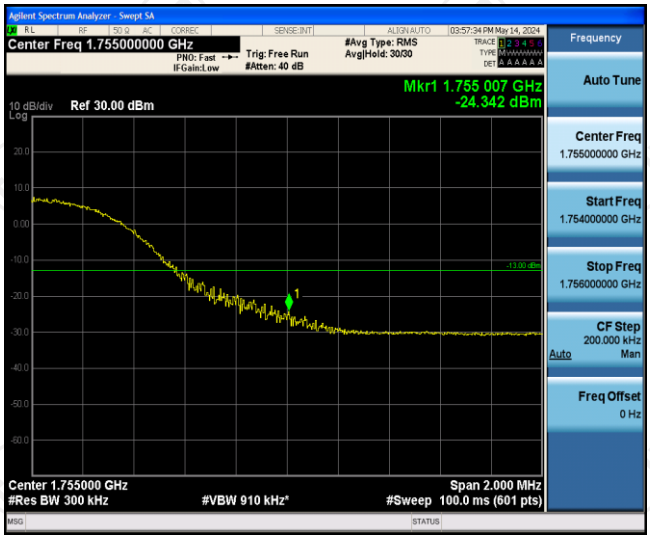
Band4-15MHz-QPSK-20025-75RB#0



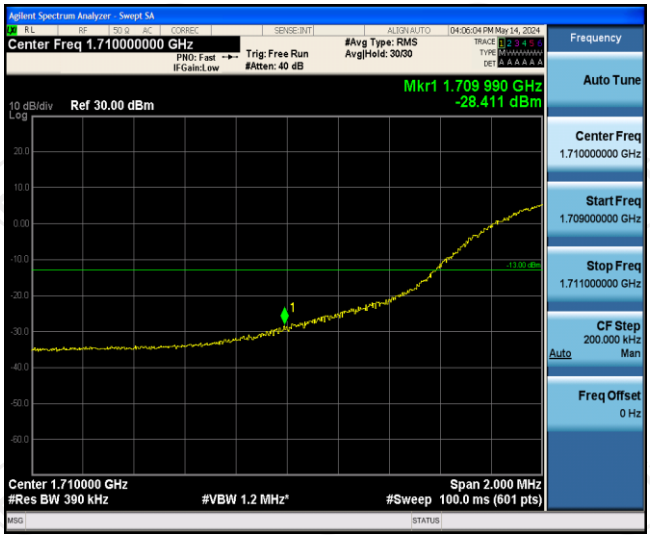
Band4-15MHz-QPSK-20325-75RB#0



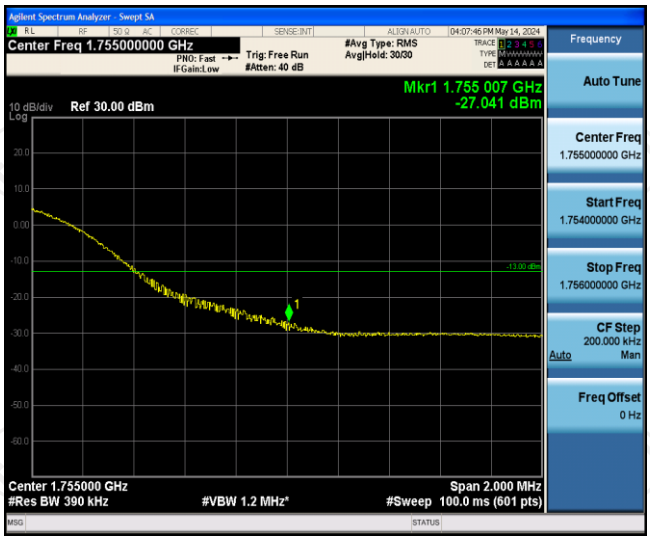
Band4-15MHz-16QAM-20025-75RB#0



Band4-15MHz-16QAM-20325-75RB#0

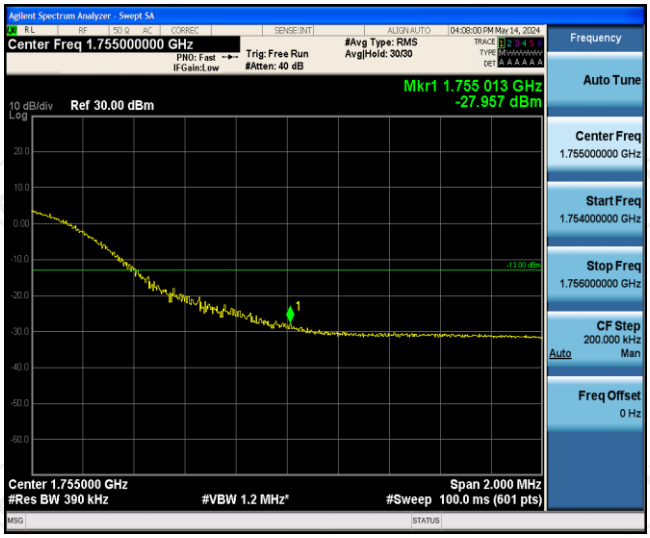


Band4-20MHz-QPSK-20050-100RB#0



Band4-20MHz-QPSK-20300-100RB#0

Band4-20MHz-16QAM-20050-100RB#0



Band4-20MHz-16QAM-20300-100RB#0

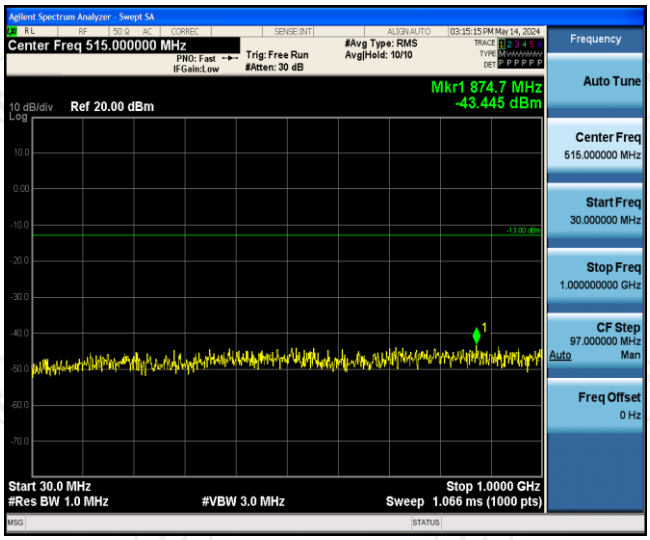
Appendix E: Conducted Spurious Emission

Test Result

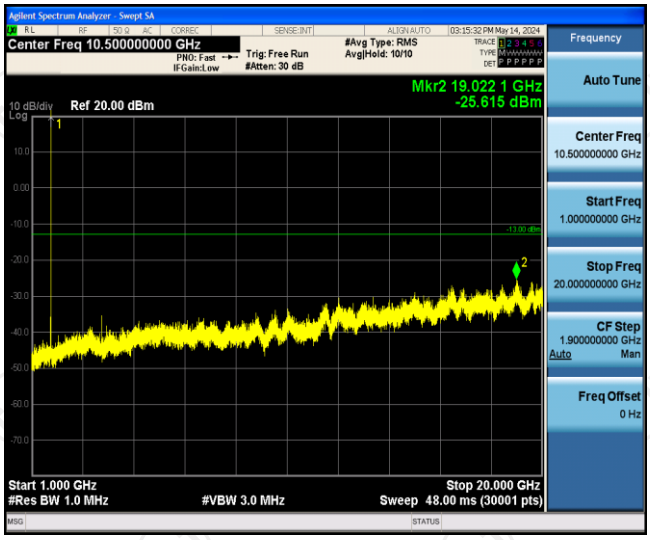
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	Range1:30~1000MHz	-43.45	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range2:1000~20000MHz	-25.62	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-42.43	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-25.93	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range1:30~1000MHz	-42.81	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range2:1000~20000MHz	-26.3	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range1:30~1000MHz	-42.66	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range2:1000~20000MHz	-26.07	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-42.64	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-25.93	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range1:30~1000MHz	-43.13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range2:1000~20000MHz	-24.28	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range1:30~1000MHz	-43.12	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range2:1000~20000MHz	-25.53	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-42.95	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-25.47	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range1:30~1000MHz	-43.1	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range2:1000~20000MHz	-25.27	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range1:30~1000MHz	-42.31	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range2:1000~20000MHz	-24.91	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-42.7	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-25.49	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range1:30~1000MHz	-42.76	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range2:1000~20000MHz	-25.64	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range1:30~1000MHz	-43.49	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range2:1000~20000MHz	-26.12	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-43.08	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-25.27	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range1:30~1000MHz	-42.67	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range2:1000~20000MHz	-25.67	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range1:30~1000MHz	-41.85	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range2:1000~20000MHz	-24.71	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-42.45	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-25.41	PASS

Band4	5MHz	16QAM	20375	1RB#0	Range1:30~1000MHz	-43.21	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range2:1000~20000MHz	-25.18	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range1:30~1000MHz	-42.49	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range2:1000~20000MHz	-25.2	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-42.87	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-25.71	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range1:30~1000MHz	-41.73	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range2:1000~20000MHz	-25.56	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range1:30~1000MHz	-41.81	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range2:1000~20000MHz	-25.23	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-42.81	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-25.72	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range1:30~1000MHz	-43.13	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range2:1000~20000MHz	-25.83	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range1:30~1000MHz	-41.63	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range2:1000~20000MHz	-25.7	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-43.41	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-25.35	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range1:30~1000MHz	-43.25	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range2:1000~20000MHz	-25.29	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range1:30~1000MHz	-43.02	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range2:1000~20000MHz	-25.42	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-42.7	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-26.07	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range1:30~1000MHz	-42.33	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range2:1000~20000MHz	-25.43	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range1:30~1000MHz	-42.57	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range2:1000~20000MHz	-25.89	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-41.99	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-26.46	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range1:30~1000MHz	-42.78	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range2:1000~20000MHz	-25.56	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range1:30~1000MHz	-42.59	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range2:1000~20000MHz	-26.05	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-42.61	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-26.08	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range1:30~1000MHz	-42.36	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range2:1000~20000MHz	-25.95	PASS

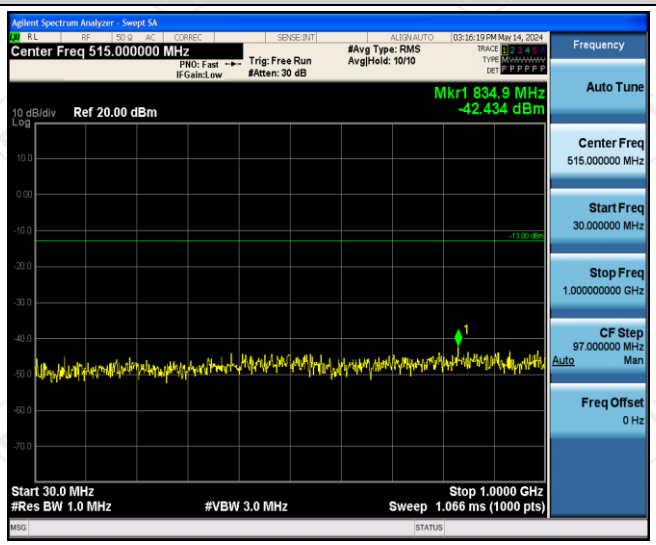
Test Graphs



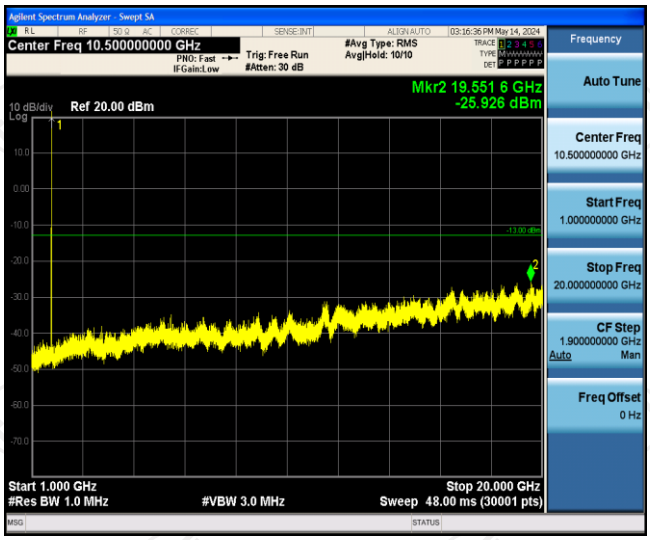
Band4-1.4MHz-QPSK-19957-1RB#0-Range1:30~1000MHz



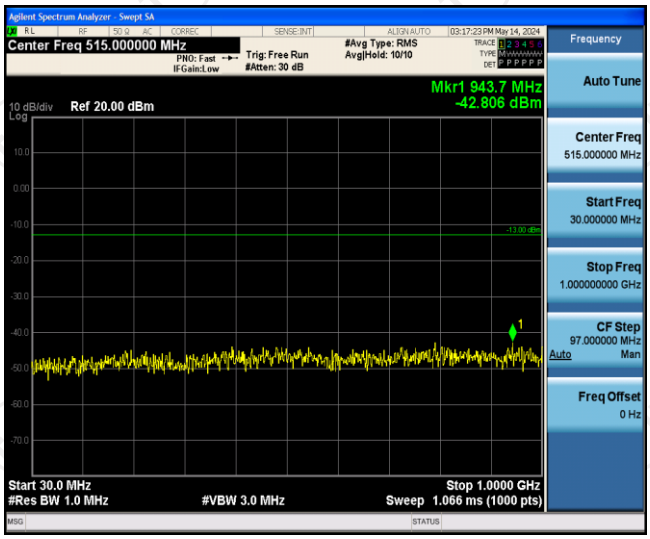
Band4-1.4MHz-QPSK-19957-1RB#0-Range2:1000~20000MHz



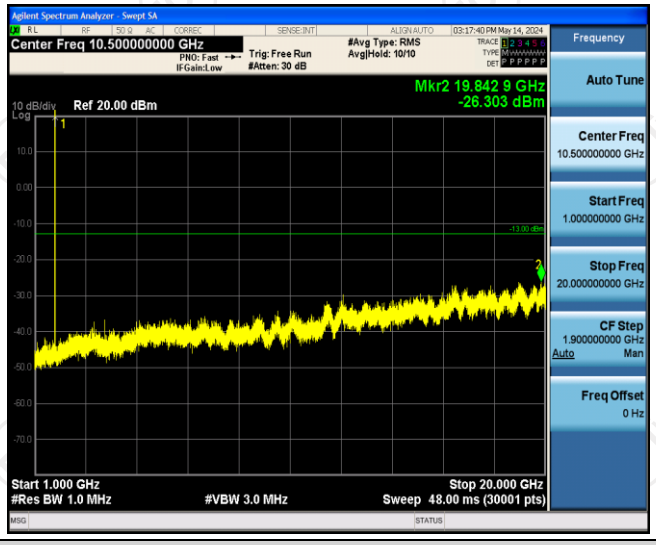
Band4-1.4MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



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

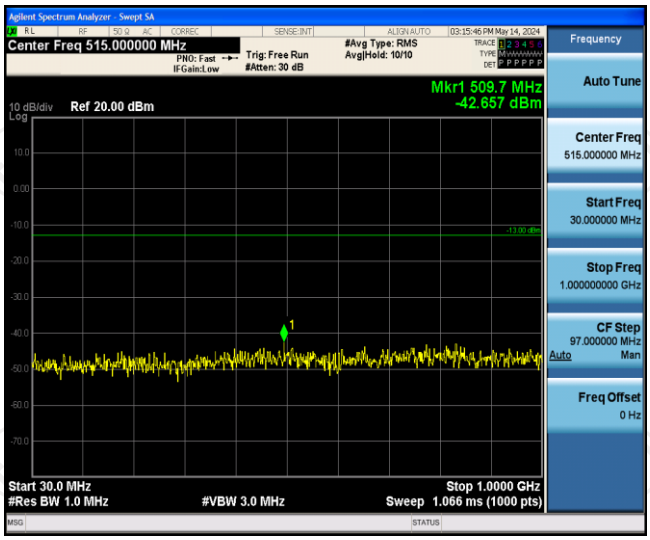


Band4-1.4MHz-QPSK-20393-1RB#0-Range1:30~1000MHz

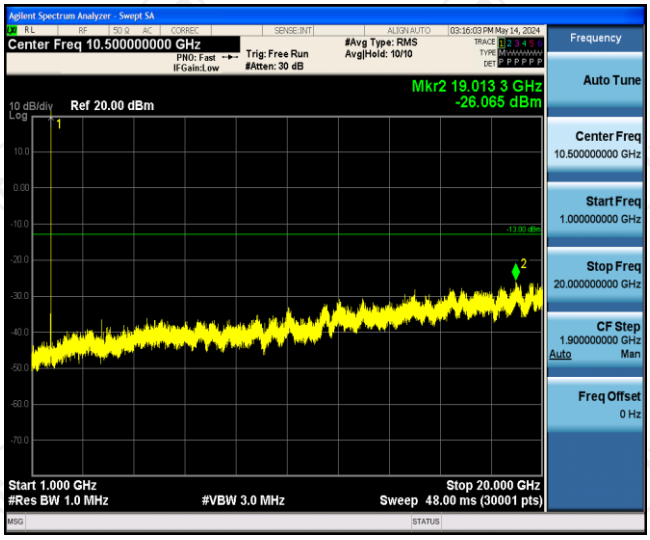


Band4-1.4MHz-QPSK-20393-1RB#0-Range2:1000~20000MHz

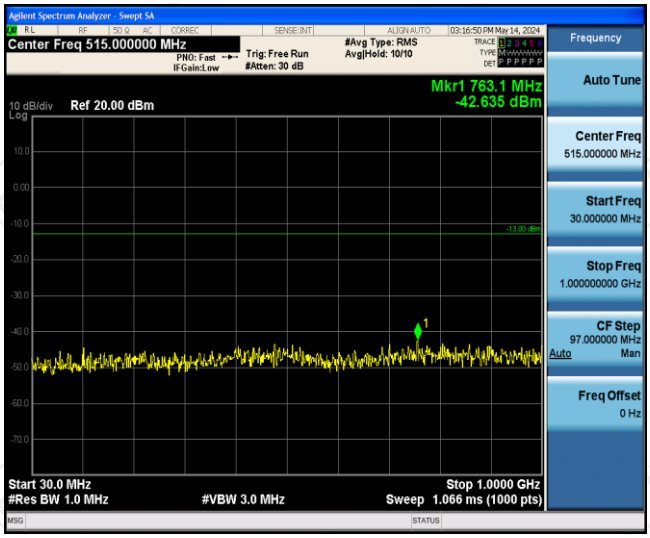
Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com



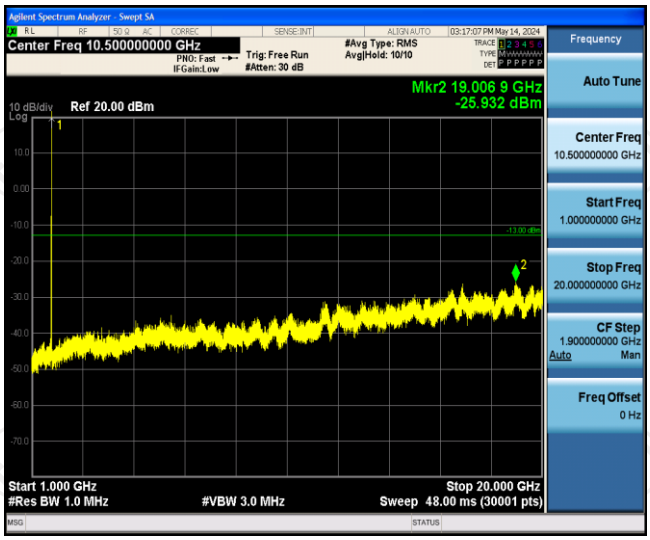
Band4-1.4MHz-16QAM-19957-1RB#0-Range1:30~1000MHz



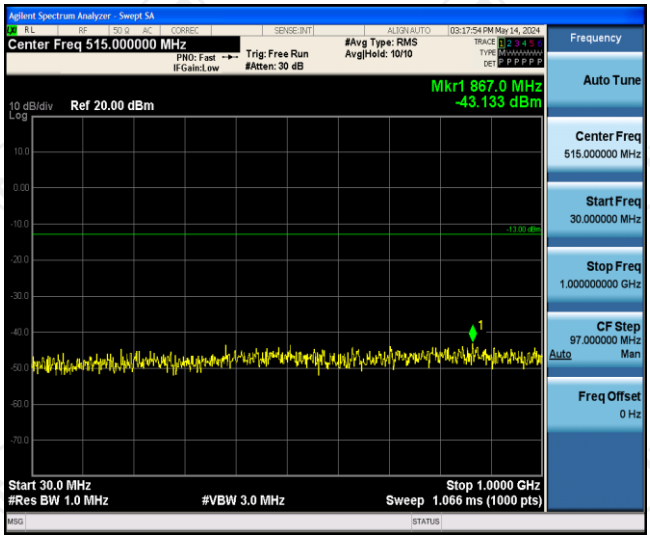
Band4-1.4MHz-16QAM-19957-1RB#0-Range2:1000~20000MHz



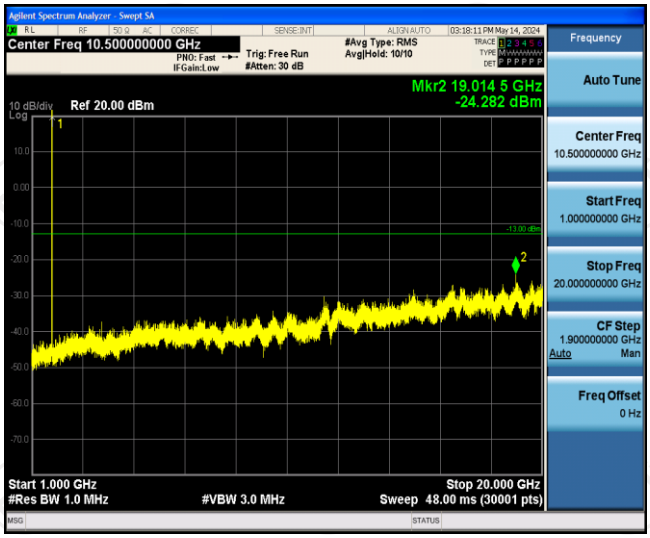
Band4-1.4MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



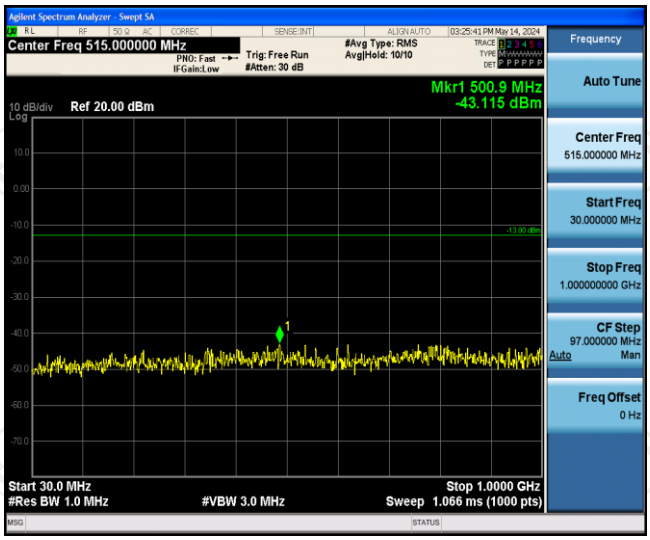
Band4-1.4MHz-16QAM-20175-1RB#0-Range2:1000~20000MHz



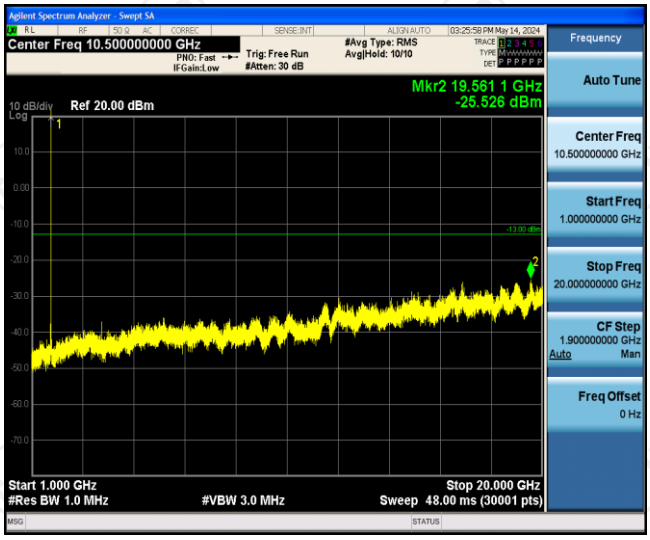
Band4-1.4MHz-16QAM-20393-1RB#0-Range1:30~1000MHz



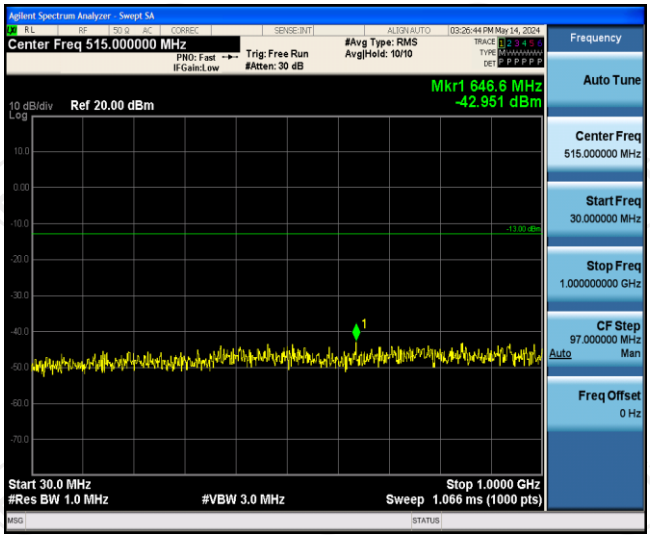
Band4-1.4MHz-16QAM-20393-1RB#0-Range2:1000~20000MHz



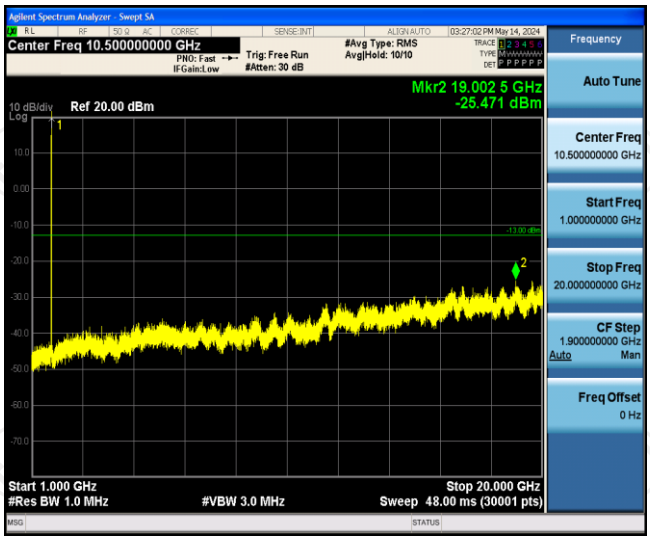
Band4-3MHz-QPSK-19965-1RB#0-Range1:30~1000MHz



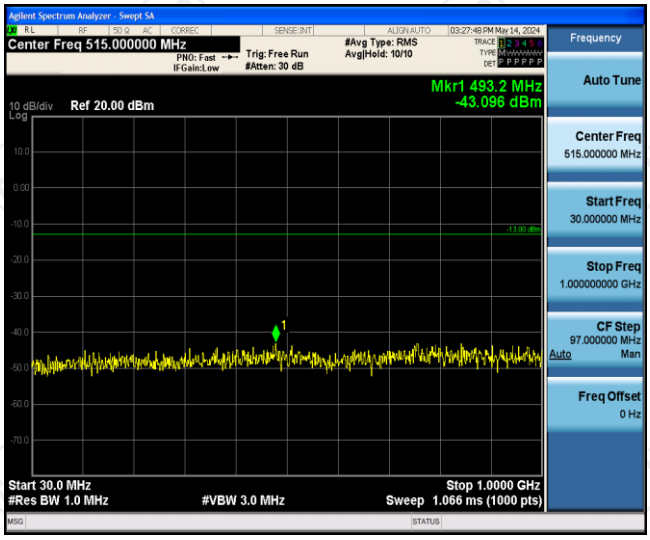
Band4-3MHz-QPSK-19965-1RB#0-Range2:1000~20000MHz



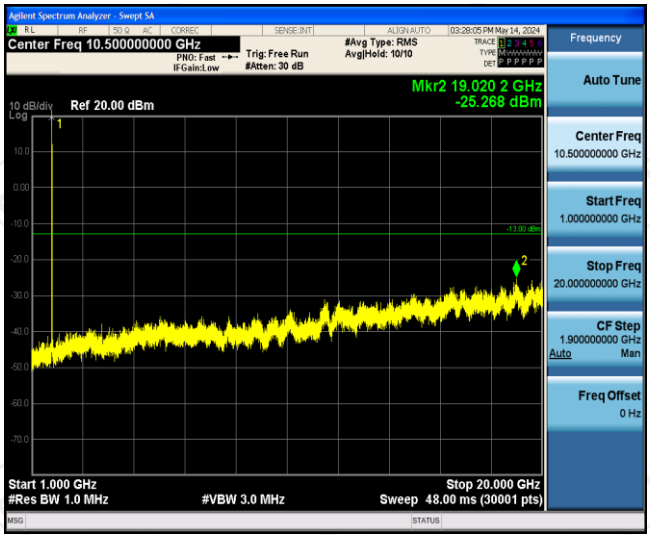
Band4-3MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



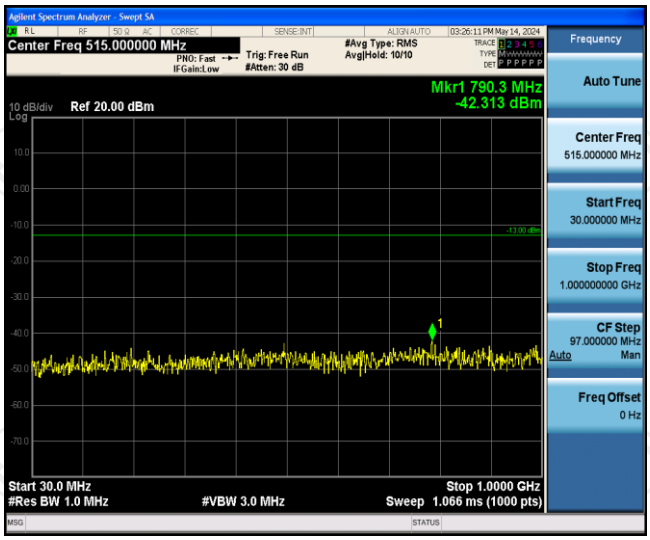
Band4-3MHz-QPSK-20175-1RB#0-Range2:1000~20000MHz



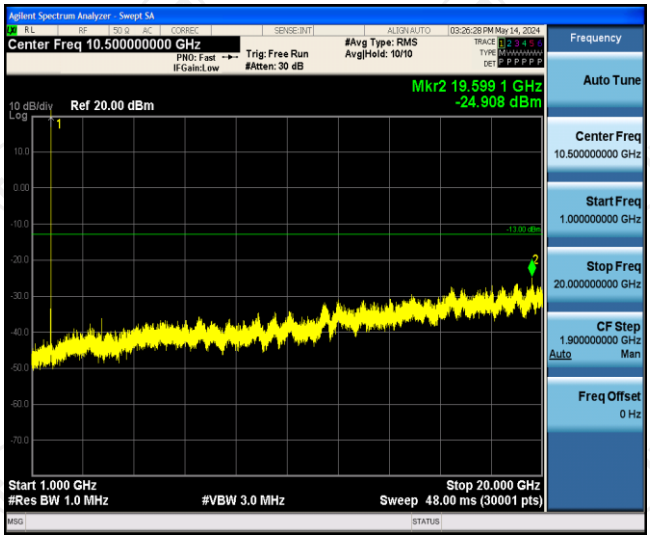
Band4-3MHz-QPSK-20385-1RB#0-Range1:30~1000MHz



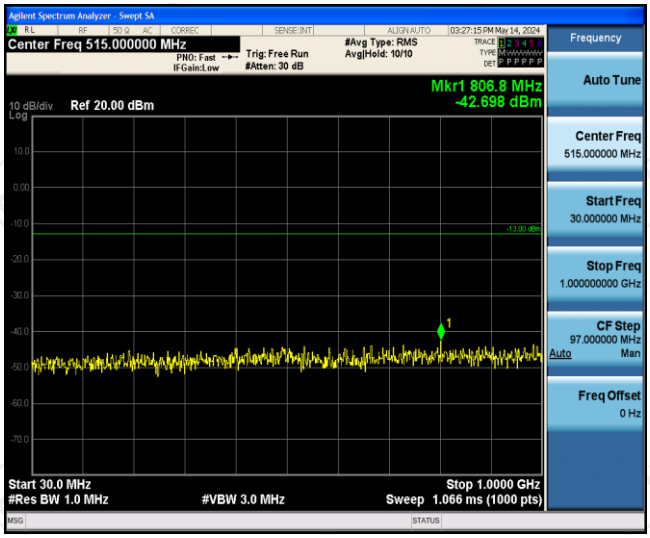
Band4-3MHz-QPSK-20385-1RB#0-Range2:1000~20000MHz



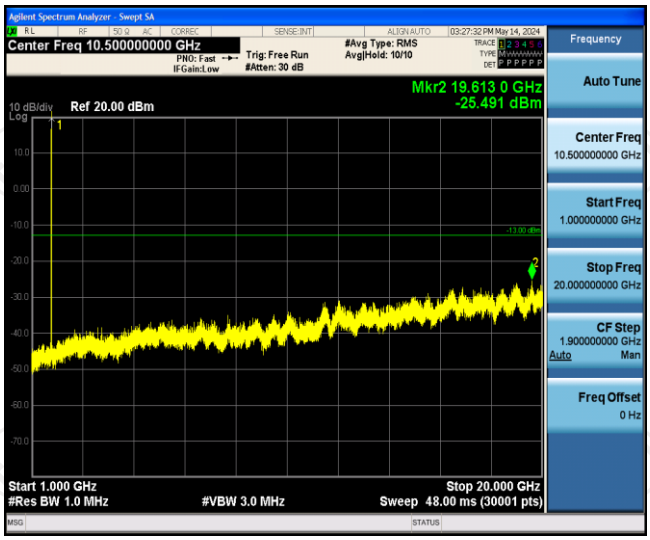
Band4-3MHz-16QAM-19965-1RB#0-Range1:30~1000MHz



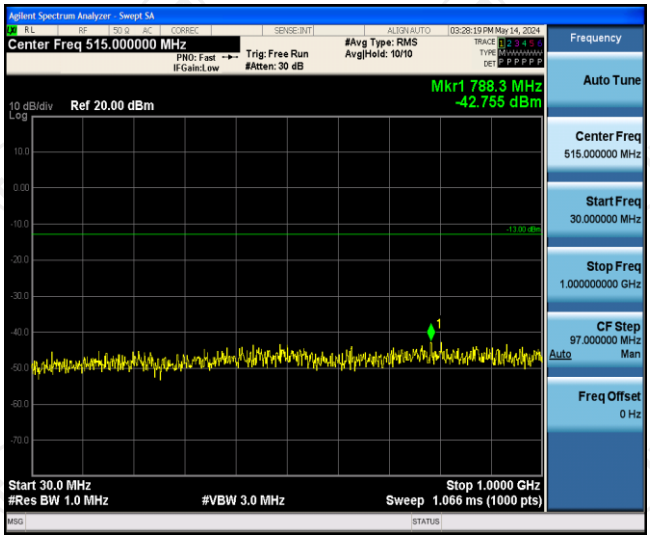
Band4-3MHz-16QAM-19965-1RB#0-Range2:1000~20000MHz



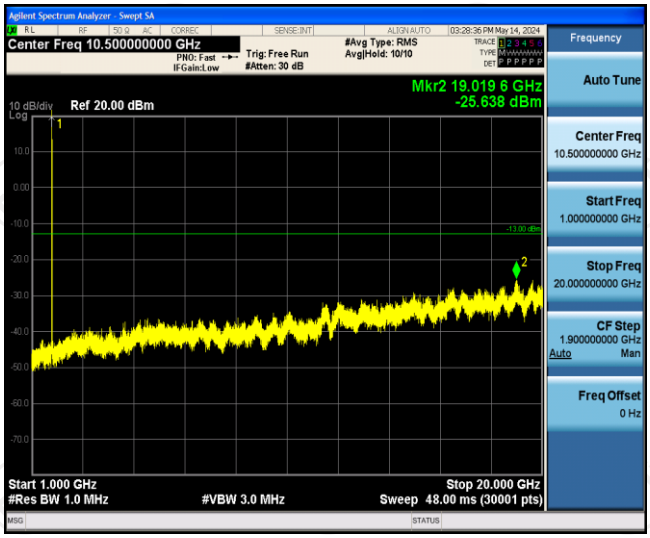
Band4-3MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



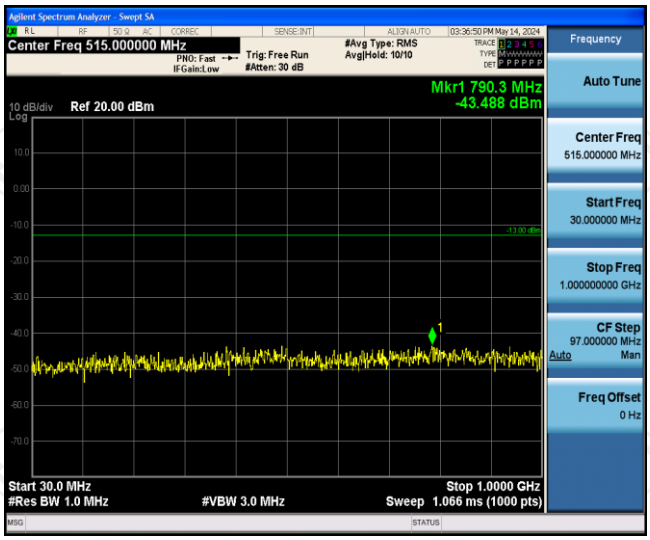
Band4-3MHz-16QAM-20175-1RB#0-Range2:1000~20000MHz



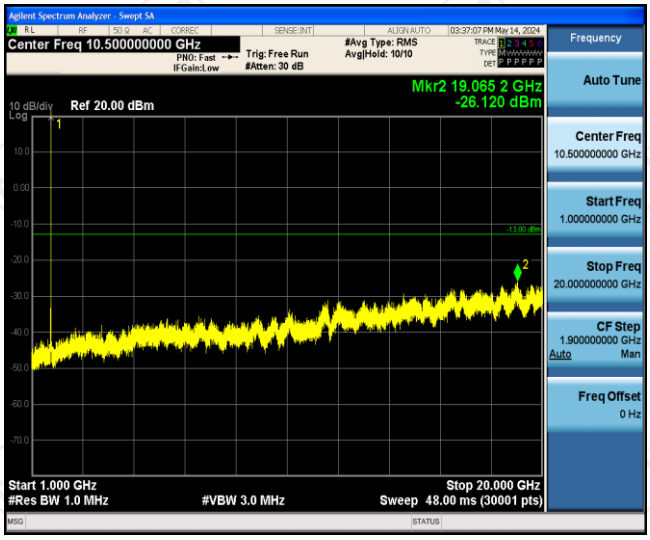
Band4-3MHz-16QAM-20385-1RB#0-Range1:30~1000MHz



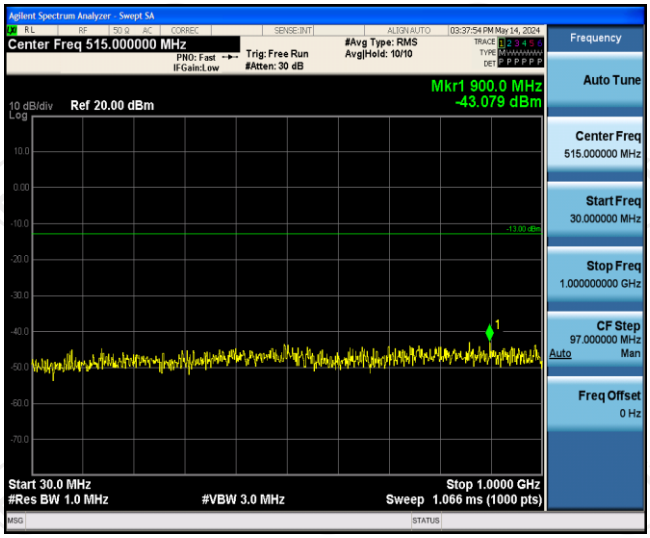
Band4-3MHz-16QAM-20385-1RB#0-Range2:1000~20000MHz



Band4-5MHz-QPSK-19975-1RB#0-Range1:30~1000MHz



Band4-5MHz-QPSK-19975-1RB#0-Range2:1000~20000MHz



Band4-5MHz-QPSK-20175-1RB#0-Range1:30~1000MHz