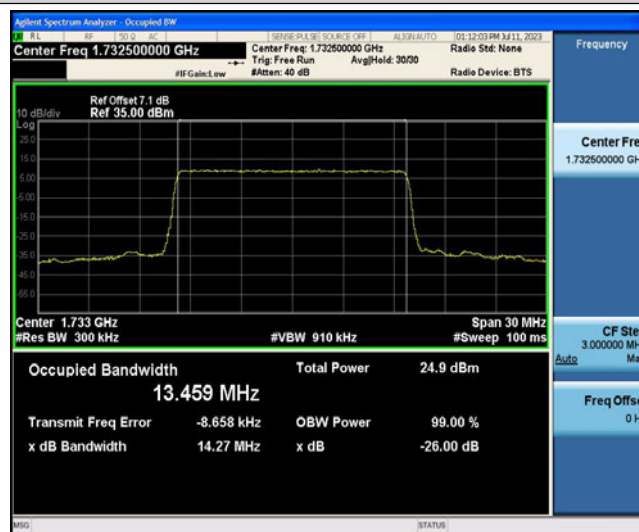




Band4-15MHz-QPSK-20025-75RB#0



Band4-15MHz-QPSK-20175-75RB#0



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



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



Band4-15MHz-16QAM-20175-75RB#0



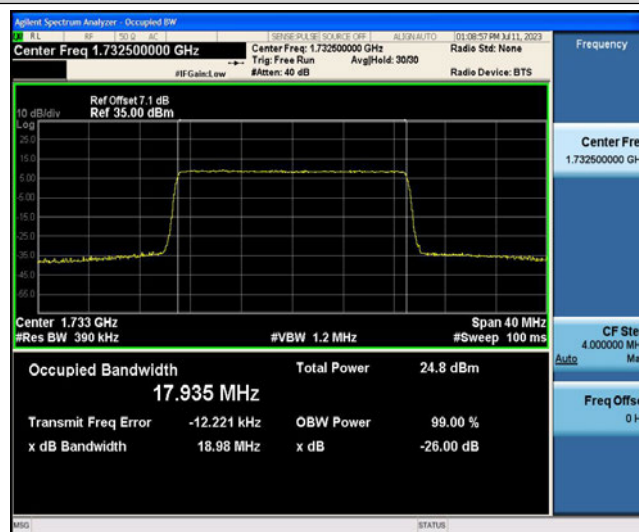
Band4-15MHz-16QAM-20325-75RB#0



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



Band4-20MHz-QPSK-20175-100RB#0



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



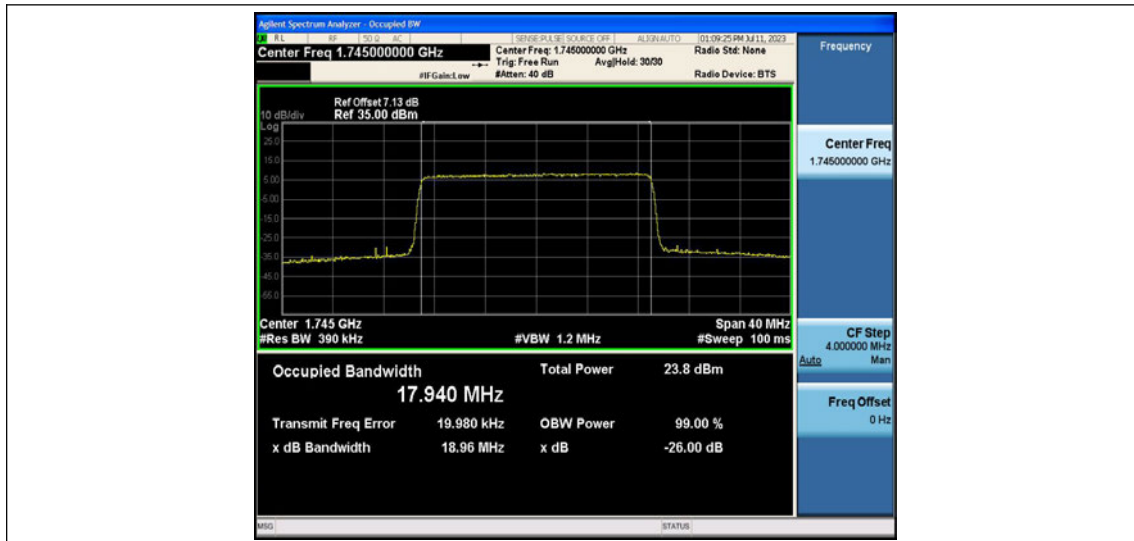
Band4-20MHz-16QAM-20050-100RB#0



Band4-20MHz-16QAM-20175-100RB#0



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



Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	-28.56	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	-50.76	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	-36.71	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	-50.97	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	-27.91	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-35.03	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	-30.32	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	-51.37	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-39.10	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	-51.31	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	-30.73	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-36.83	PASS
Band4	3MHz	QPSK	19965	1RB#0	-21.66	PASS
Band4	3MHz	QPSK	19965	1RB#14	-46.96	PASS
Band4	3MHz	QPSK	19965	15RB#0	-33.69	PASS
Band4	3MHz	QPSK	20385	1RB#0	-46.08	PASS
Band4	3MHz	QPSK	20385	1RB#14	-21.03	PASS
Band4	3MHz	QPSK	20385	15RB#0	-33.54	PASS
Band4	3MHz	16QAM	19965	1RB#0	-22.60	PASS
Band4	3MHz	16QAM	19965	1RB#14	-45.69	PASS
Band4	3MHz	16QAM	19965	15RB#0	-35.62	PASS
Band4	3MHz	16QAM	20385	1RB#0	-47.08	PASS
Band4	3MHz	16QAM	20385	1RB#14	-22.63	PASS
Band4	3MHz	16QAM	20385	15RB#0	-33.73	PASS
Band4	5MHz	QPSK	19975	1RB#0	-22.65	PASS
Band4	5MHz	QPSK	19975	1RB#24	-46.27	PASS
Band4	5MHz	QPSK	19975	25RB#0	-37.60	PASS
Band4	5MHz	QPSK	20375	1RB#0	-46.08	PASS
Band4	5MHz	QPSK	20375	1RB#24	-24.56	PASS
Band4	5MHz	QPSK	20375	25RB#0	-35.74	PASS
Band4	5MHz	16QAM	19975	1RB#0	-25.02	PASS
Band4	5MHz	16QAM	19975	1RB#24	-47.35	PASS
Band4	5MHz	16QAM	19975	25RB#0	-38.78	PASS
Band4	5MHz	16QAM	20375	1RB#0	-47.21	PASS
Band4	5MHz	16QAM	20375	1RB#24	-25.88	PASS

Band4	5MHz	16QAM	20375	25RB#0	-37.07	PASS
Band4	10MHz	QPSK	20000	1RB#0	-28.53	PASS
Band4	10MHz	QPSK	20000	1RB#49	-46.81	PASS
Band4	10MHz	QPSK	20000	50RB#0	-40.79	PASS
Band4	10MHz	QPSK	20350	1RB#0	-45.18	PASS
Band4	10MHz	QPSK	20350	1RB#49	-27.64	PASS
Band4	10MHz	QPSK	20350	50RB#0	-38.18	PASS
Band4	10MHz	16QAM	20000	1RB#0	-29.56	PASS
Band4	10MHz	16QAM	20000	1RB#49	-47.30	PASS
Band4	10MHz	16QAM	20000	50RB#0	-42.13	PASS
Band4	10MHz	16QAM	20350	1RB#0	-45.95	PASS
Band4	10MHz	16QAM	20350	1RB#49	-25.45	PASS
Band4	10MHz	16QAM	20350	50RB#0	-40.01	PASS
Band4	15MHz	QPSK	20025	1RB#0	-29.15	PASS
Band4	15MHz	QPSK	20025	1RB#74	-42.04	PASS
Band4	15MHz	QPSK	20025	75RB#0	-40.46	PASS
Band4	15MHz	QPSK	20325	1RB#0	-40.67	PASS
Band4	15MHz	QPSK	20325	1RB#74	-29.40	PASS
Band4	15MHz	QPSK	20325	75RB#0	-36.97	PASS
Band4	15MHz	16QAM	20025	1RB#0	-28.60	PASS
Band4	15MHz	16QAM	20025	1RB#74	-43.02	PASS
Band4	15MHz	16QAM	20025	75RB#0	-42.64	PASS
Band4	15MHz	16QAM	20325	1RB#0	-41.56	PASS
Band4	15MHz	16QAM	20325	1RB#74	-30.09	PASS
Band4	15MHz	16QAM	20325	75RB#0	-40.43	PASS
Band4	20MHz	QPSK	20050	1RB#0	-31.27	PASS
Band4	20MHz	QPSK	20050	1RB#99	-42.12	PASS
Band4	20MHz	QPSK	20050	100RB#0	-43.16	PASS
Band4	20MHz	QPSK	20300	1RB#0	-40.77	PASS
Band4	20MHz	QPSK	20300	1RB#99	-31.27	PASS
Band4	20MHz	QPSK	20300	100RB#0	-39.39	PASS
Band4	20MHz	16QAM	20050	1RB#0	-31.18	PASS
Band4	20MHz	16QAM	20050	1RB#99	-42.84	PASS
Band4	20MHz	16QAM	20050	100RB#0	-43.30	PASS
Band4	20MHz	16QAM	20300	1RB#0	-41.57	PASS
Band4	20MHz	16QAM	20300	1RB#99	-31.40	PASS
Band4	20MHz	16QAM	20300	100RB#0	-41.19	PASS

Test Graphs

Band4-1.4MHz-QPSK-19957-1RB#0



Band4-1.4MHz-QPSK-19957-1RB#5



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



Band4-1.4MHz-QPSK-20393-1RB#0



Band4-1.4MHz-QPSK-20393-1RB#5



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



Band4-1.4MHz-16QAM-19957-1RB#0



Band4-1.4MHz-16QAM-19957-1RB#5



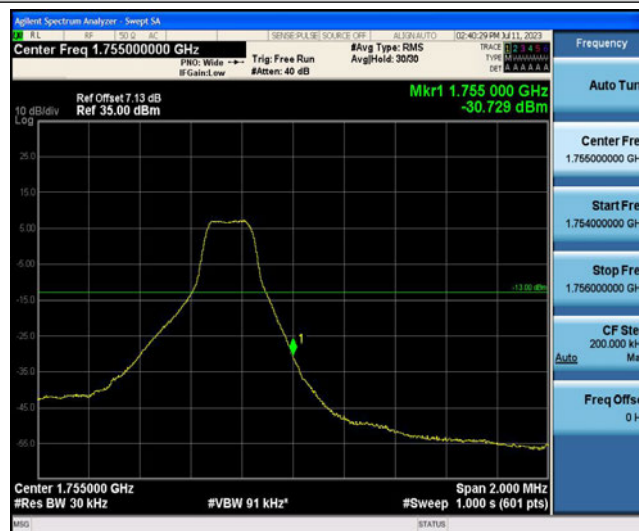
Band4-1.4MHz-16QAM-19957-6RB#0



Band4-1.4MHz-16QAM-20393-1RB#0



Band4-1.4MHz-16QAM-20393-1RB#5



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



Band4-3MHz-QPSK-19965-1RB#0



Band4-3MHz-QPSK-19965-1RB#14



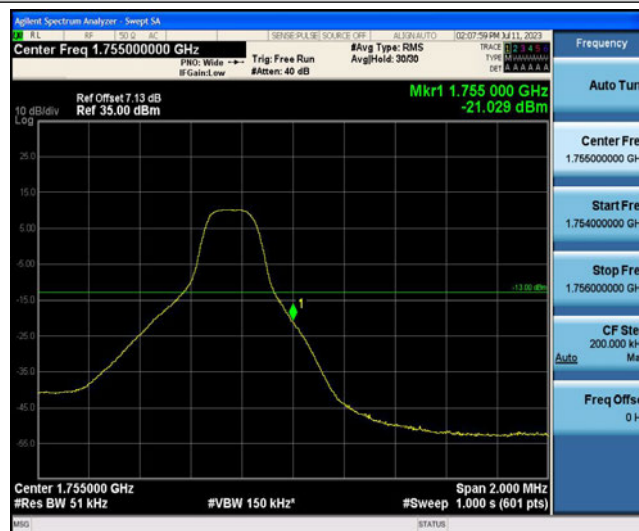
Band4-3MHz-QPSK-19965-15RB#0



Band4-3MHz-QPSK-20385-1RB#0



Band4-3MHz-QPSK-20385-1RB#14



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



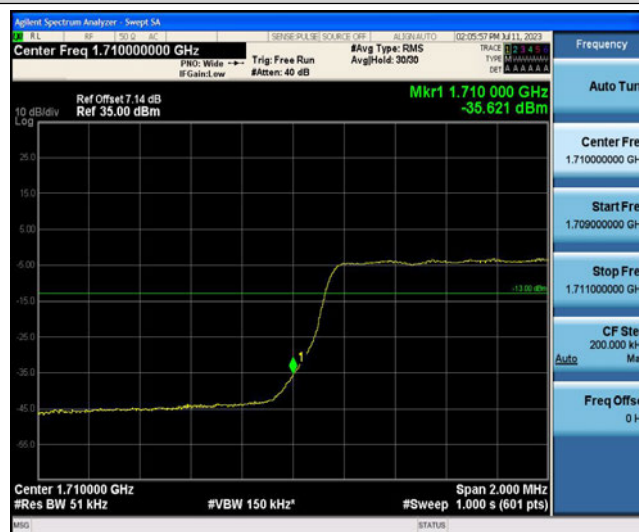
Band4-3MHz-16QAM-19965-1RB#0



Band4-3MHz-16QAM-19965-1RB#14



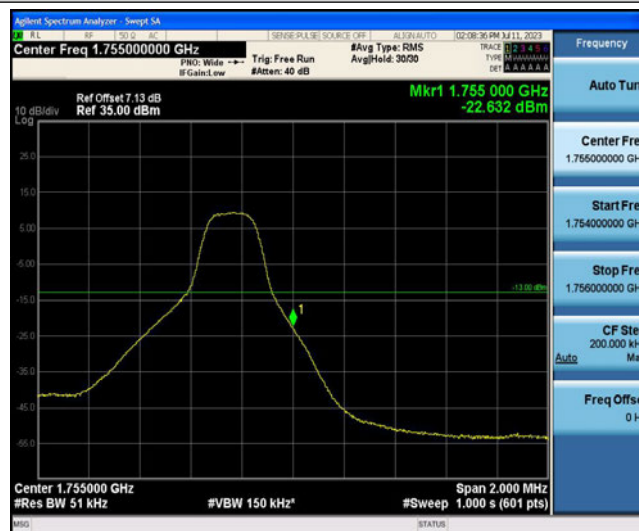
Band4-3MHz-16QAM-19965-15RB#0



Band4-3MHz-16QAM-20385-1RB#0



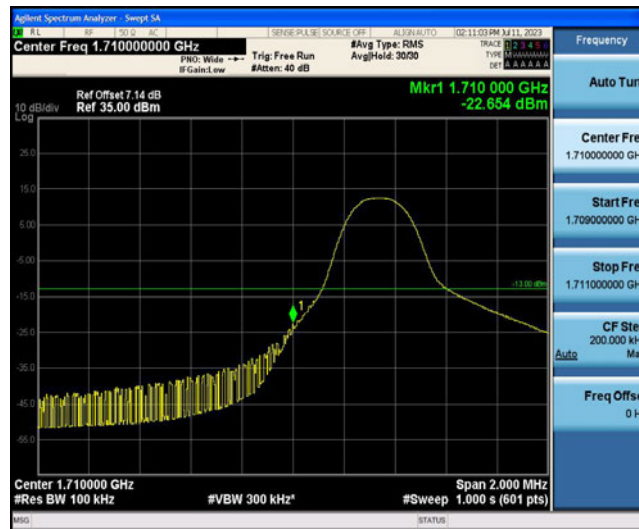
Band4-3MHz-16QAM-20385-1RB#14



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



Band4-5MHz-QPSK-19975-1RB#0



Band4-5MHz-QPSK-19975-1RB#24



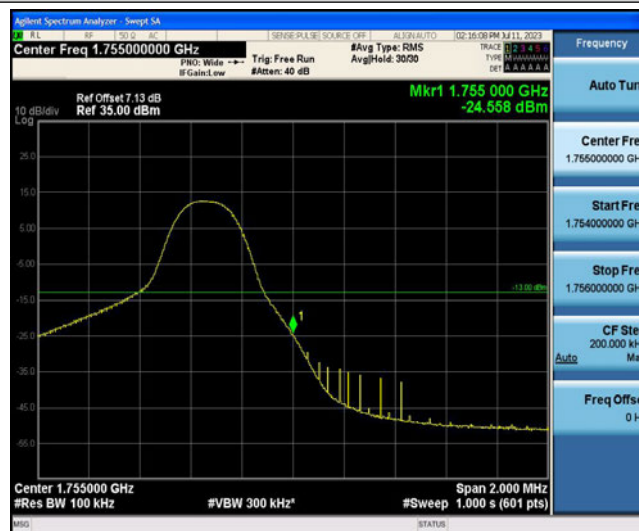
Band4-5MHz-QPSK-19975-25RB#0



Band4-5MHz-QPSK-20375-1RB#0



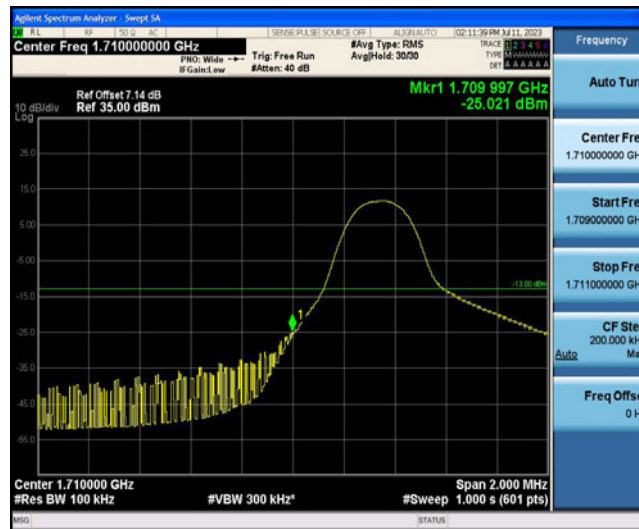
Band4-5MHz-QPSK-20375-1RB#24



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



Band4-5MHz-16QAM-19975-1RB#0



Band4-5MHz-16QAM-19975-1RB#24



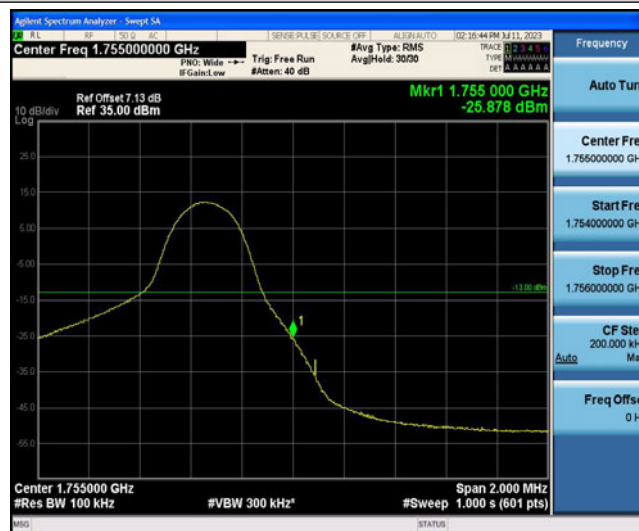
Band4-5MHz-16QAM-19975-25RB#0



Band4-5MHz-16QAM-20375-1RB#0



Band4-5MHz-16QAM-20375-1RB#24



Band4-5MHz-16QAM-20375-25RB#0



Band4-10MHz-QPSK-20000-1RB#0



Band4-10MHz-QPSK-20000-1RB#49



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



Band4-10MHz-QPSK-20350-1RB#0



Band4-10MHz-QPSK-20350-1RB#49



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



Band4-10MHz-16QAM-20000-1RB#0



Band4-10MHz-16QAM-20000-1RB#49



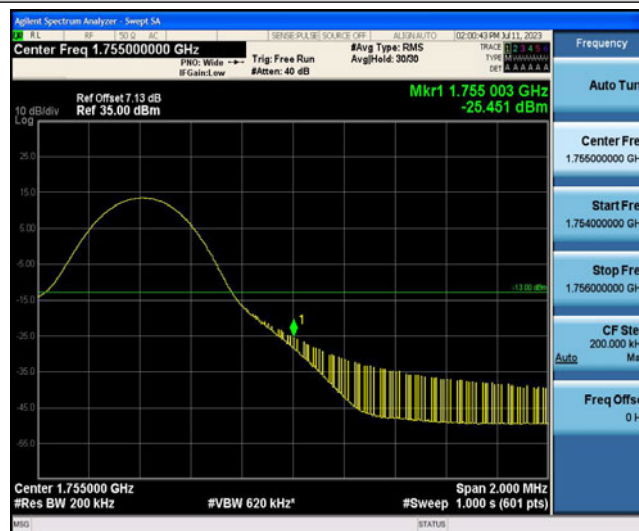
Band4-10MHz-16QAM-20000-50RB#0



Band4-10MHz-16QAM-20350-1RB#0



Band4-10MHz-16QAM-20350-1RB#49



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



Band4-15MHz-QPSK-20025-1RB#0



Band4-15MHz-QPSK-20025-1RB#74



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



Band4-15MHz-QPSK-20325-1RB#0



Band4-15MHz-QPSK-20325-1RB#74



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



Band4-15MHz-16QAM-20025-1RB#0



Band4-15MHz-16QAM-20025-1RB#74



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



Band4-15MHz-16QAM-20325-1RB#0



Band4-15MHz-16QAM-20325-1RB#74



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



Band4-20MHz-QPSK-20050-1RB#0



Band4-20MHz-QPSK-20050-1RB#99



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



Band4-20MHz-QPSK-20300-1RB#0



Band4-20MHz-QPSK-20300-1RB#99



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



Band4-20MHz-16QAM-20050-1RB#0



Band4-20MHz-16QAM-20050-1RB#99



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



Band4-20MHz-16QAM-20300-1RB#0



Band4-20MHz-16QAM-20300-1RB#99



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



Appendix E: Conducted Spurious Emission

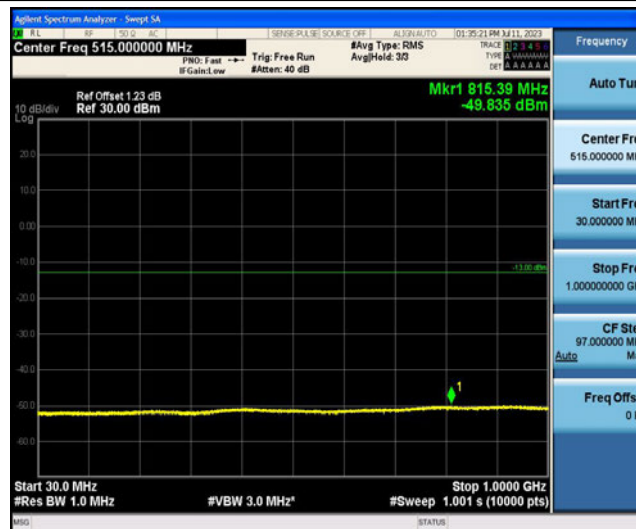
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	Range1:30~1000MHz	-49.84	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range2:1000~20000MHz	-47.33	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-49.62	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-47.45	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range1:30~1000MHz	-49.79	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range2:1000~20000MHz	-47.37	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range1:30~1000MHz	-49.78	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range2:1000~20000MHz	-47.18	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-49.83	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-47.38	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range1:30~1000MHz	-49.81	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range2:1000~20000MHz	-47.45	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range1:30~1000MHz	-49.76	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range2:1000~20000MHz	-47.47	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-49.7	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-47.42	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range1:30~1000MHz	-49.87	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range2:1000~20000MHz	-47.31	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range1:30~1000MHz	-49.75	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range2:1000~20000MHz	-47.48	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-49.8	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-47.42	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range1:30~1000MHz	-49.86	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range2:1000~20000MHz	-47.36	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range1:30~1000MHz	-49.76	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range2:1000~20000MHz	-47.35	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-49.69	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-47.4	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range1:30~1000MHz	-49.62	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range2:1000~20000MHz	-47.36	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range1:30~1000MHz	-49.83	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range2:1000~20000MHz	-47.46	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-49.74	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-47.26	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range1:30~1000MHz	-49.62	PASS

Band4	5MHz	16QAM	20375	1RB#0	Range2:1000~20000MHz	-47.41	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range1:30~1000MHz	-49.57	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range2:1000~20000MHz	-47.36	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-49.82	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-47.21	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range1:30~1000MHz	-49.84	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range2:1000~20000MHz	-47.43	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range1:30~1000MHz	-49.76	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range2:1000~20000MHz	-47.44	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-49.82	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-47.41	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range1:30~1000MHz	-49.82	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range2:1000~20000MHz	-47.47	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range1:30~1000MHz	-49.88	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range2:1000~20000MHz	-47.49	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-49.59	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-47.21	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range1:30~1000MHz	-49.76	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range2:1000~20000MHz	-47.48	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range1:30~1000MHz	-49.79	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range2:1000~20000MHz	-47.51	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-49.78	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-47.47	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range1:30~1000MHz	-49.78	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range2:1000~20000MHz	-47.4	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range1:30~1000MHz	-49.76	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range2:1000~20000MHz	-47.4	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-49.94	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-47.47	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range1:30~1000MHz	-49.79	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range2:1000~20000MHz	-47.53	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range1:30~1000MHz	-49.78	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range2:1000~20000MHz	-47.48	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-49.66	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-47.41	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range1:30~1000MHz	-49.74	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range2:1000~20000MHz	-47.1	PASS

Test Graphs

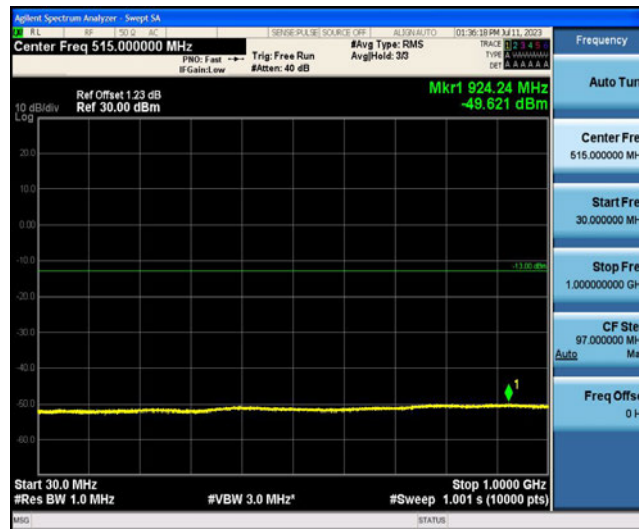
Band4-1.4MHz-QPSK-19957-1RB#0-Range1:30~1000MHz



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



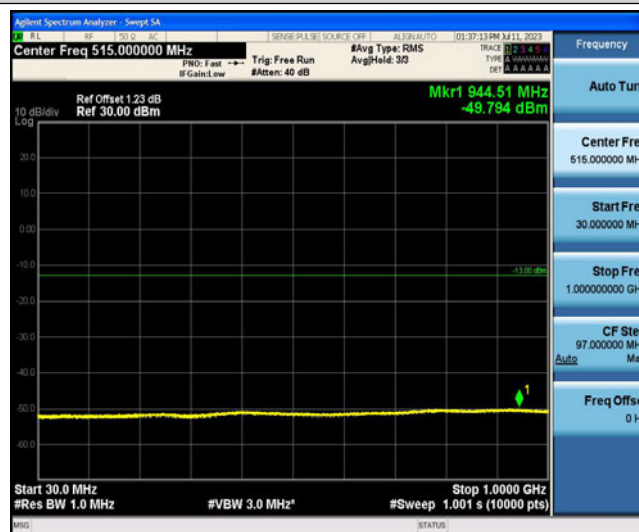
Band4-1.4MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



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



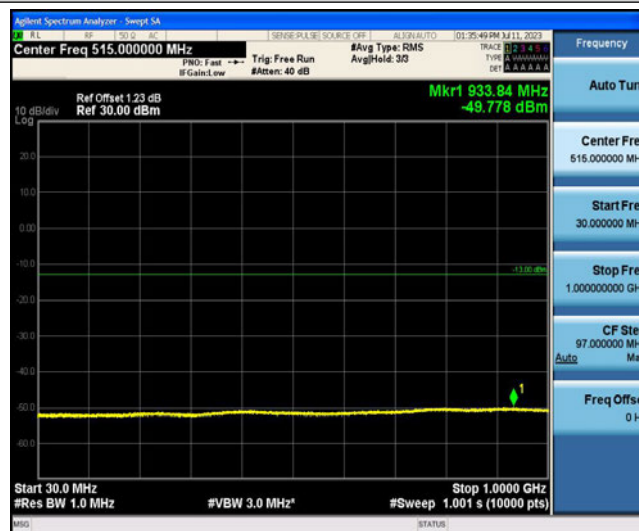
Band4-1.4MHz-QPSK-20393-1RB#0-Range1:30~1000MHz



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



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



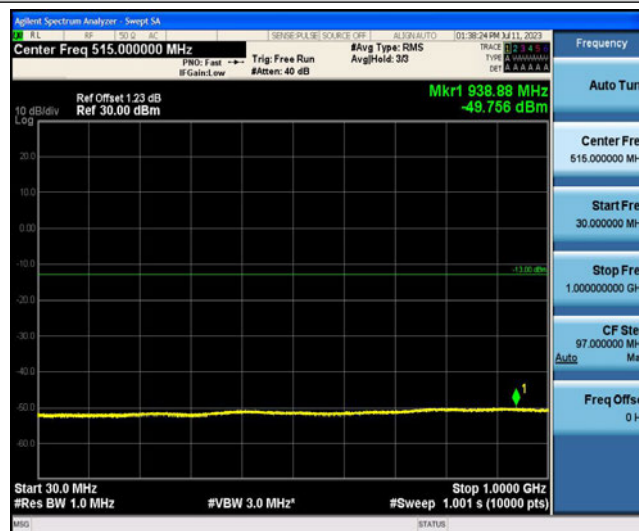
Band4-1.4MHz-16QAM-20393-1RB#0-Range1:30~1000MHz



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