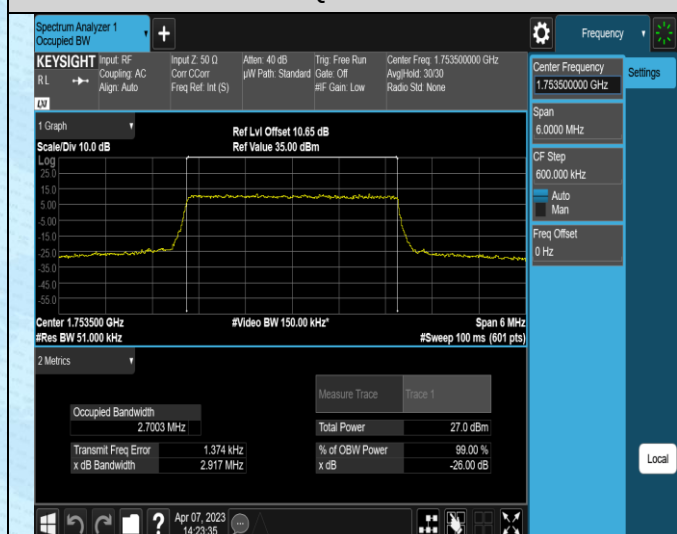




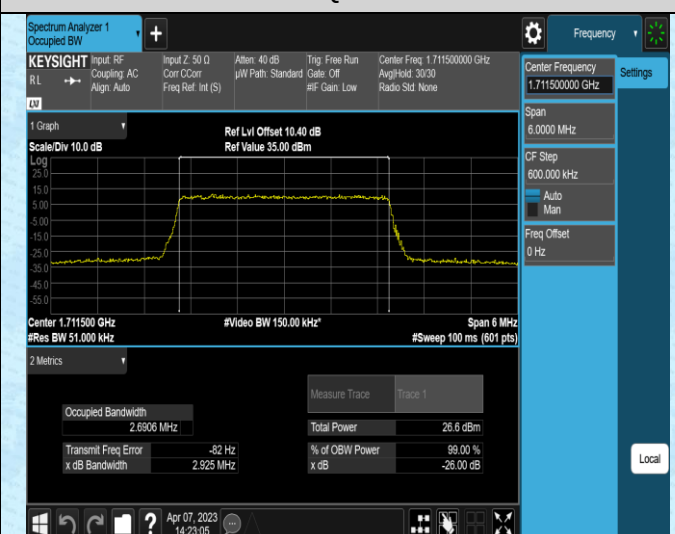
Band4-3MHz-QPSK-20385-15RB#0



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



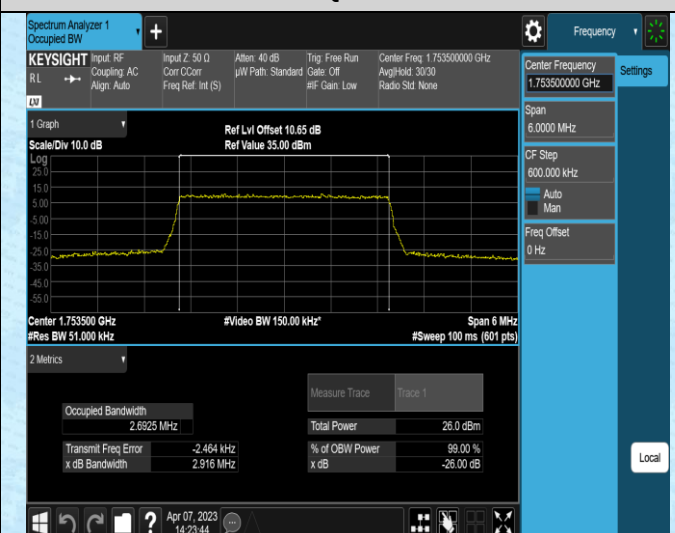
Band4-3MHz-16QAM-20175-15RB#0



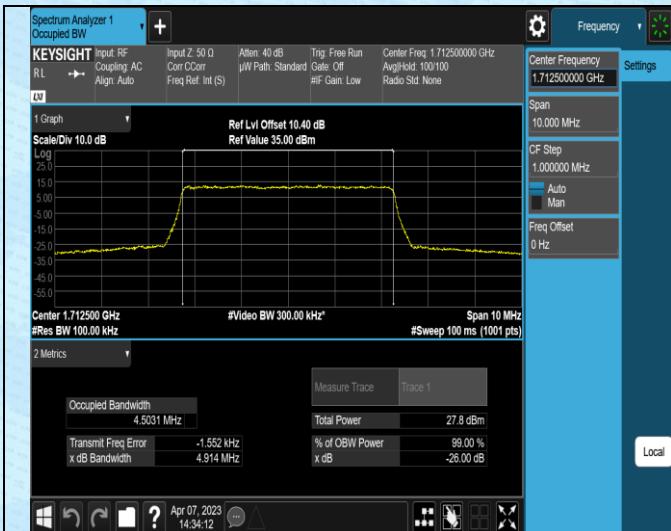
Band4-3MHz-16QAM-20385-15RB#0



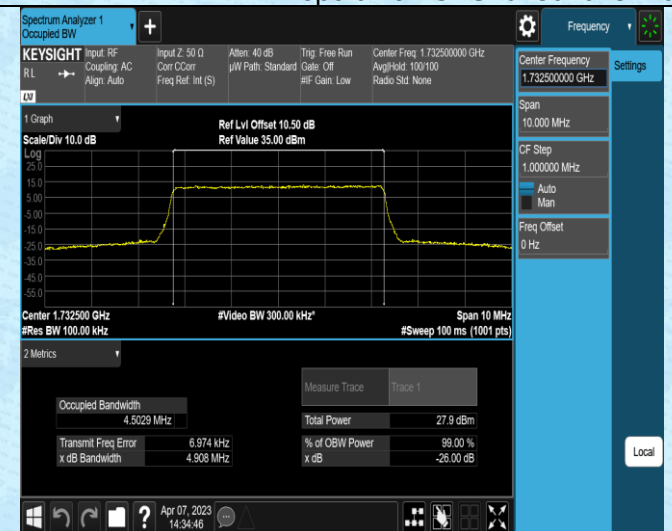
Band4-5MHz-QPSK-19975-25RB#0



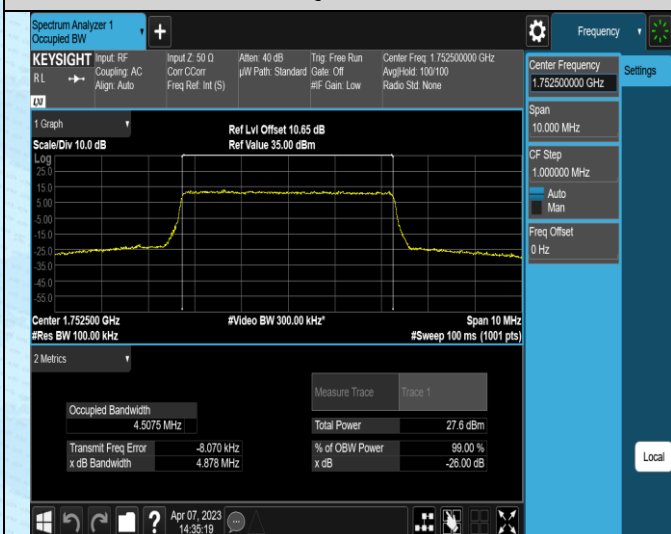
Band4-5MHz-QPSK-20175-25RB#0



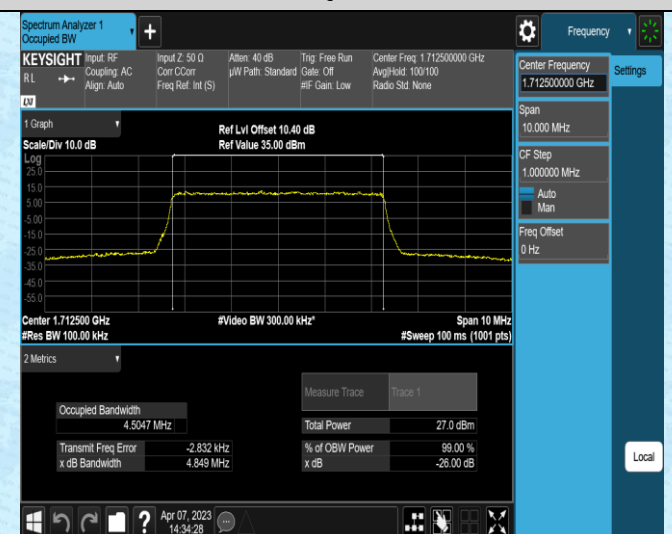
Band4-5MHz-QPSK-20375-25RB#0



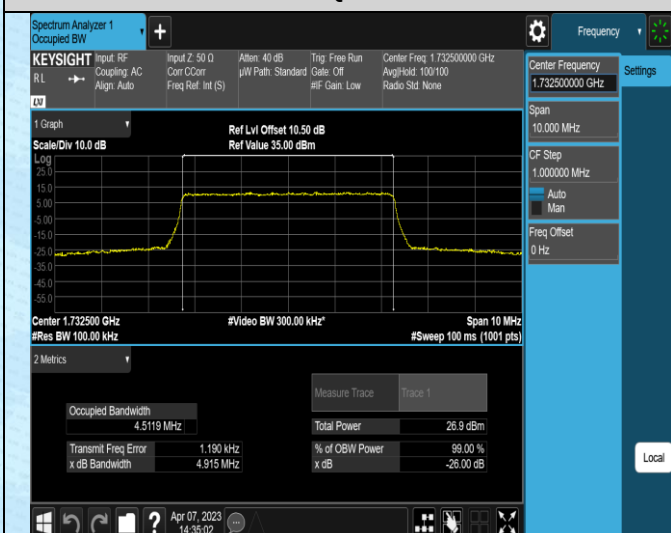
Band4-5MHz-16QAM-19975-25RB#0



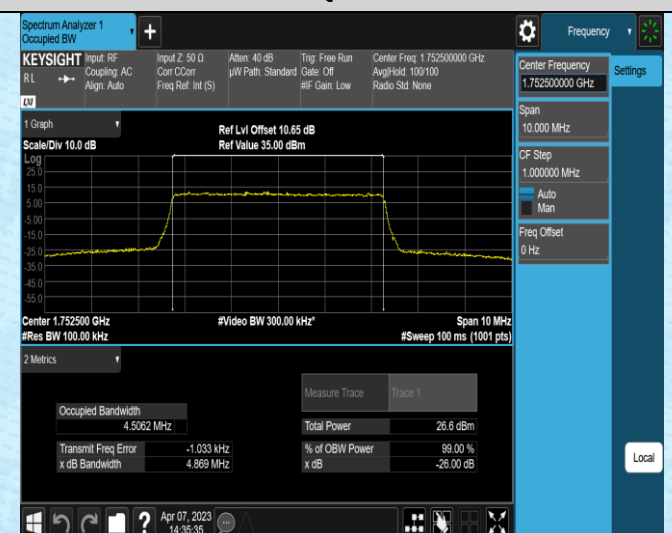
Band4-5MHz-16QAM-20175-25RB#0



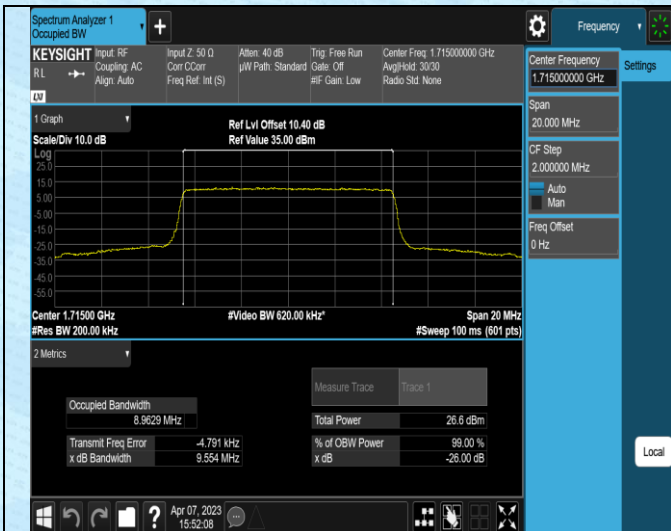
Band4-5MHz-16QAM-20375-25RB#0



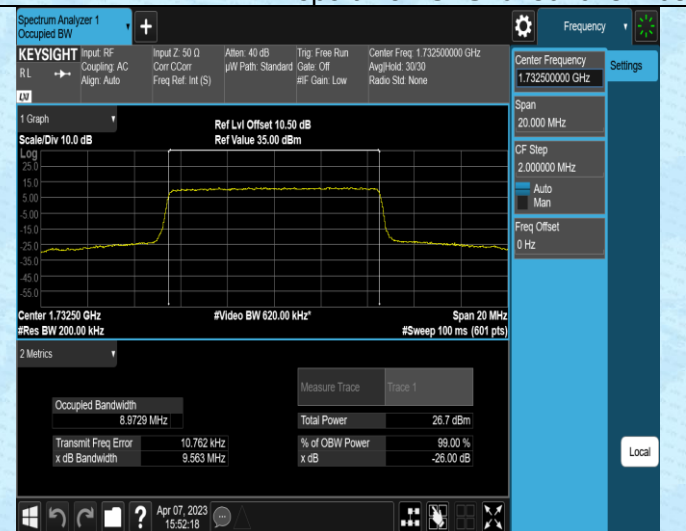
Band4-10MHz-QPSK -20000-50RB#0



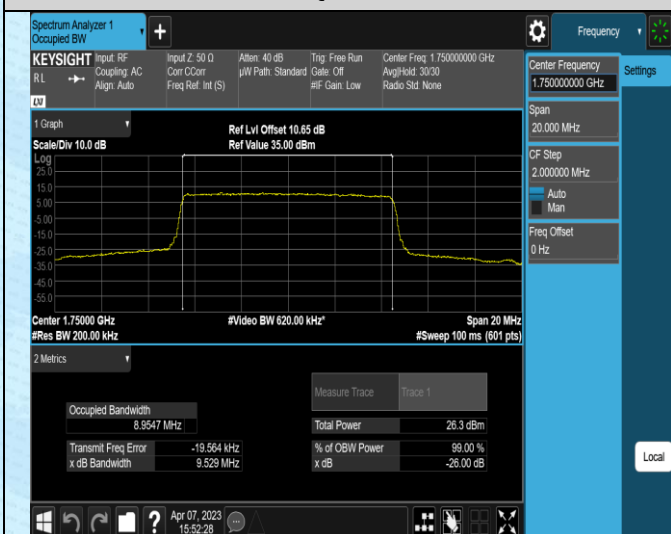
Band4-10MHz-QPSK -20175-50RB#0



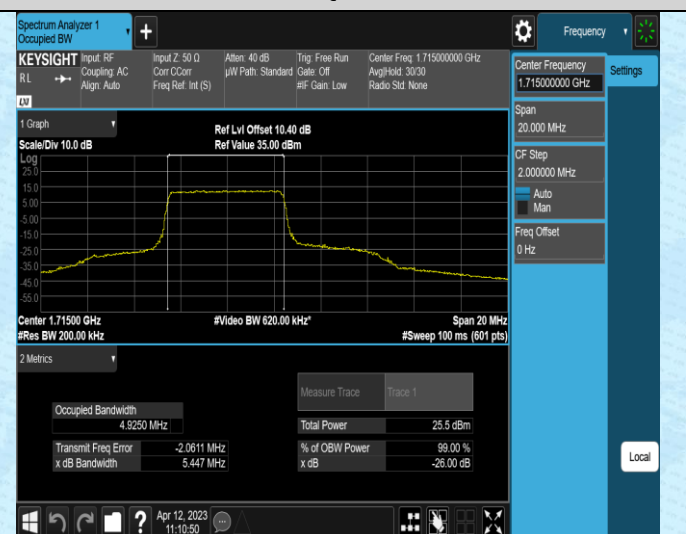
Band4-10MHz-QPSK -20350-50RB#0



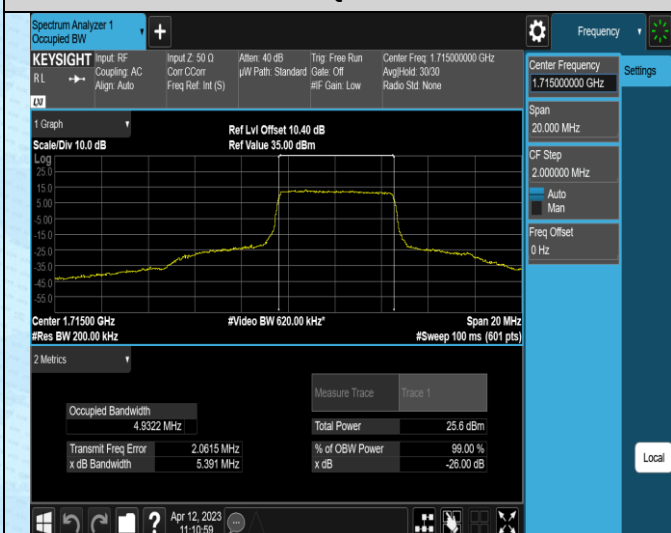
Band4-10MHz-16QAM-20000-27RB#0



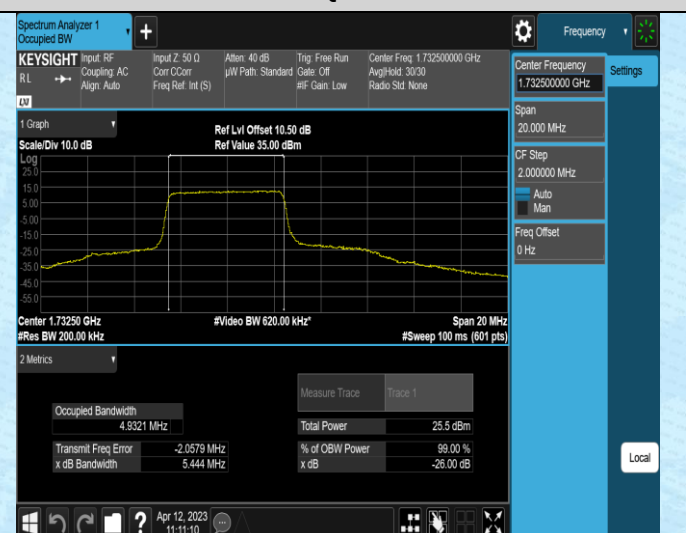
Band4-10MHz-16QAM-20000-27RB#23



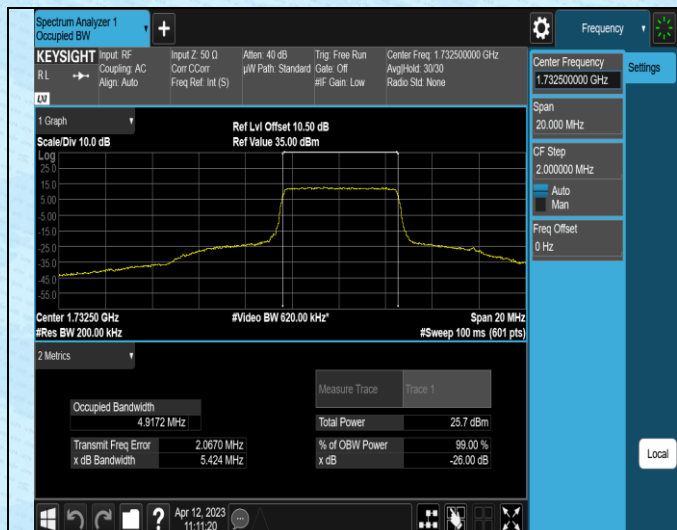
Band4-10MHz-16QAM-20175-27RB#0



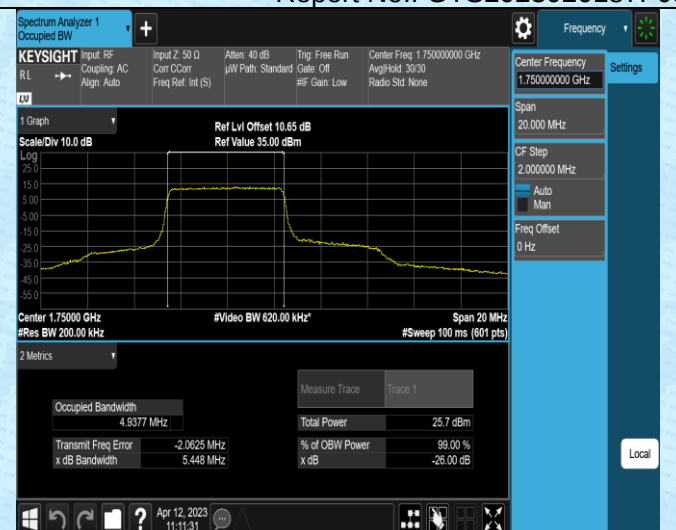
Band4-10MHz-16QAM-20175-27RB#23



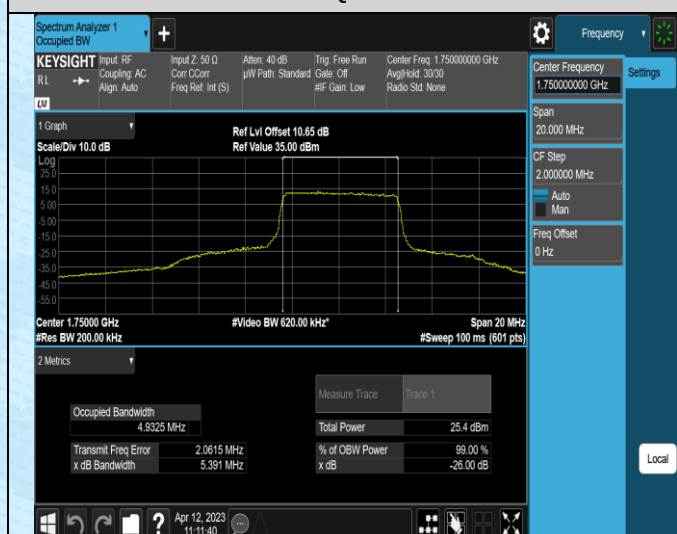
Band4-10MHz-16QAM-20350-27RB#0



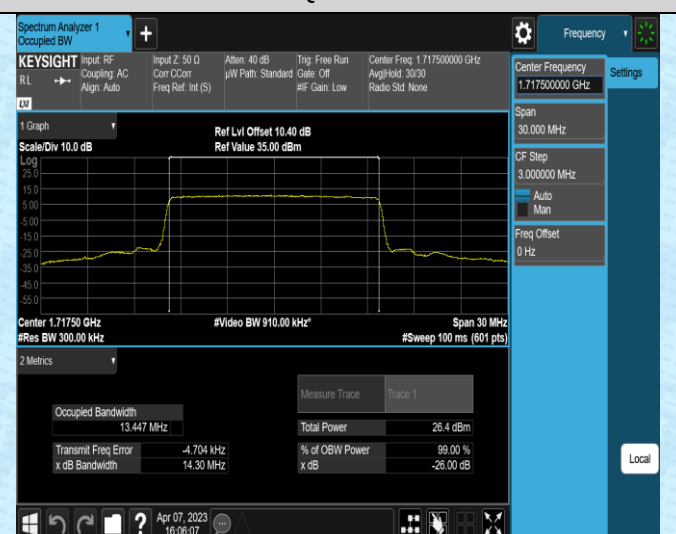
Band4-10MHz-16QAM-20350-27RB#23



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



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



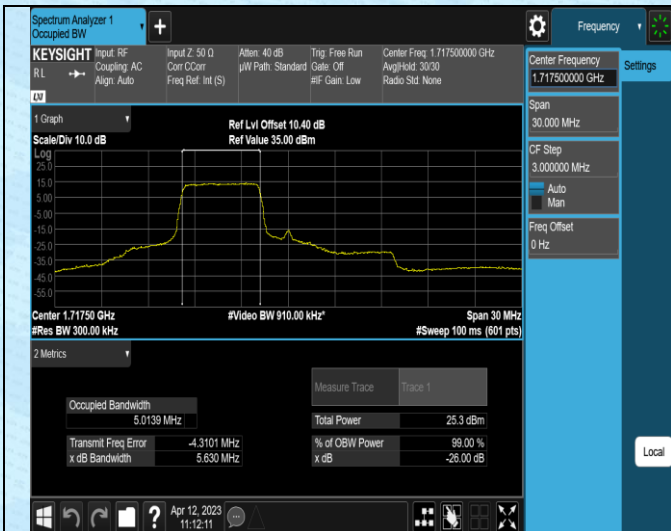
Band4-15MHz-QPSK-20325-75RB#0



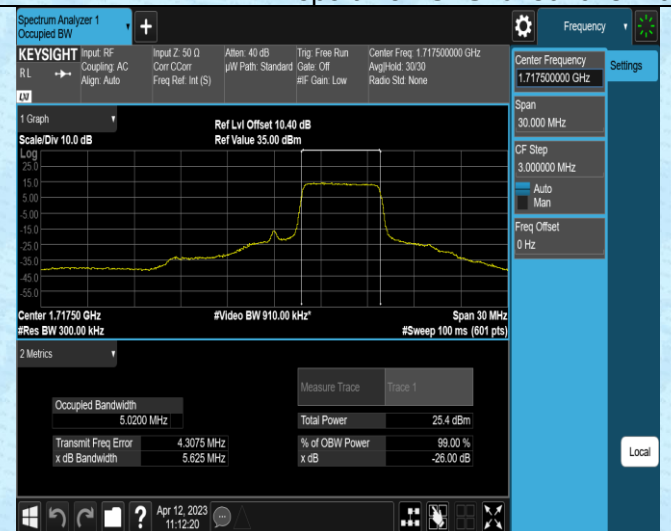
Band4-15MHz-16QAM-20025-27RB#0



Band4-15MHz-16QAM-20025-27RB#48



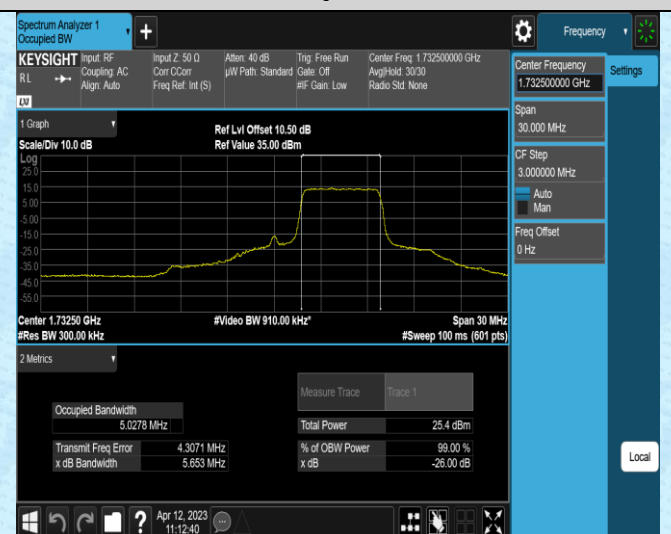
Band4-15MHz-16QAM-20175-27RB#0



Band4-15MHz-16QAM-20175-27RB#48



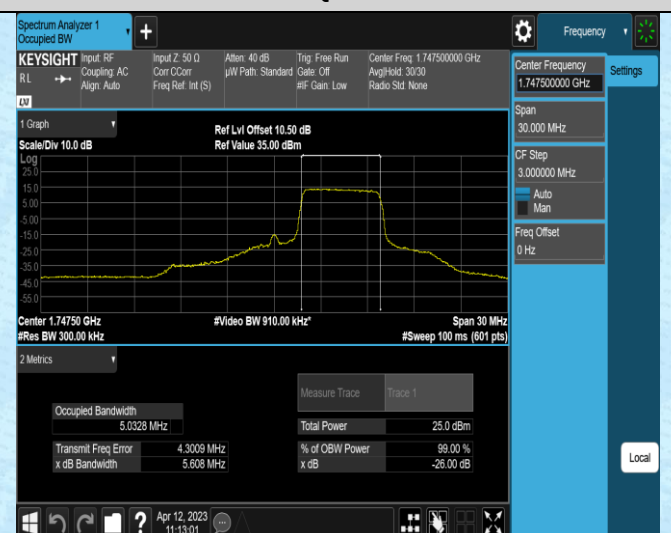
Band4-15MHz-16QAM-20325-27RB#0



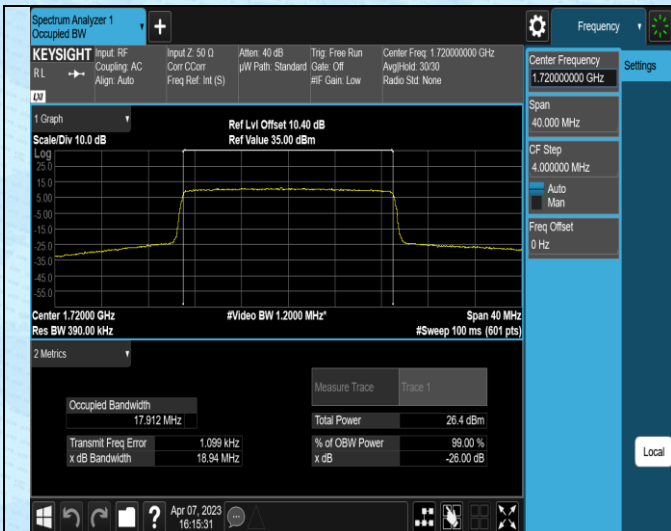
Band4-15MHz-16QAM-20325-27RB#48



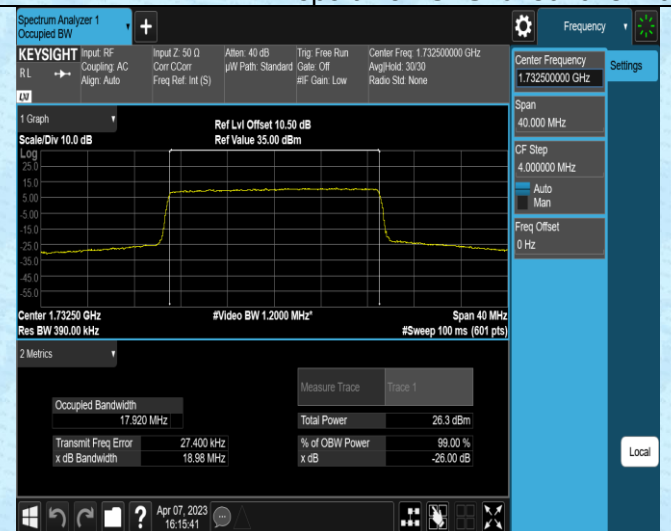
Band4-20MHz-QPSK-20050-100RB#0



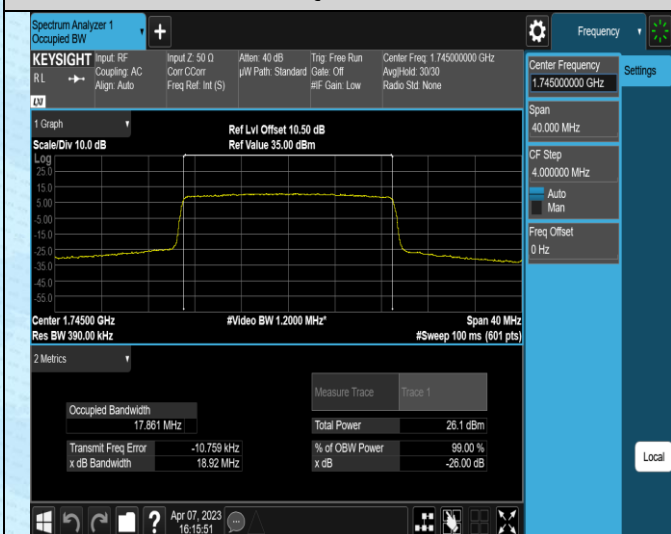
Band4-20MHz-QPSK-20175-100RB#0



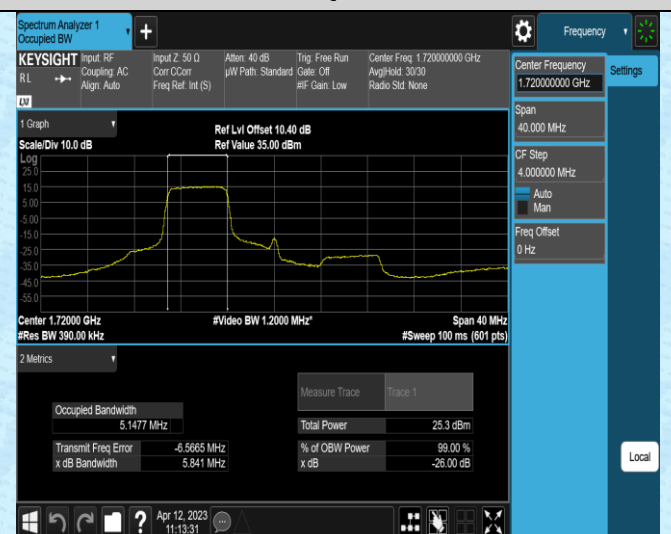
Band4-20MHz-QPSK-20300-100RB#0



Band4-20MHz-16QAM-20050-27RB#0



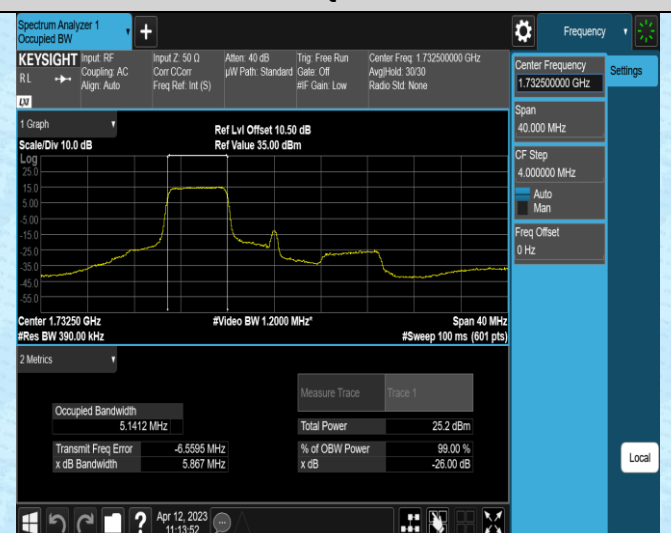
Band4-20MHz-16QAM-20050-27RB#73



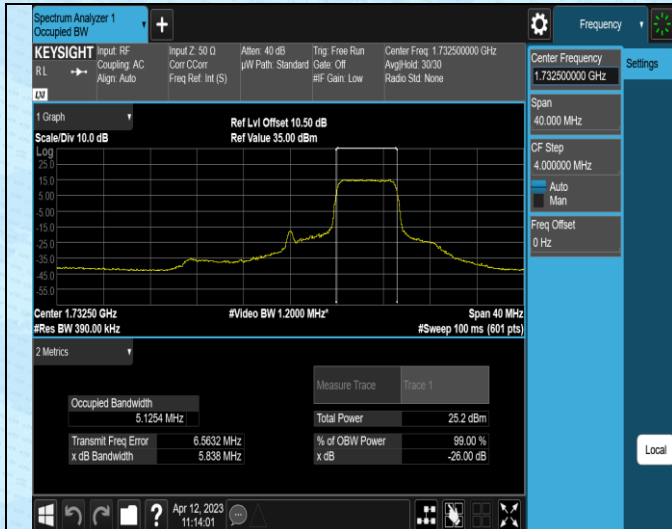
Band4-20MHz-16QAM-20175-27RB#0



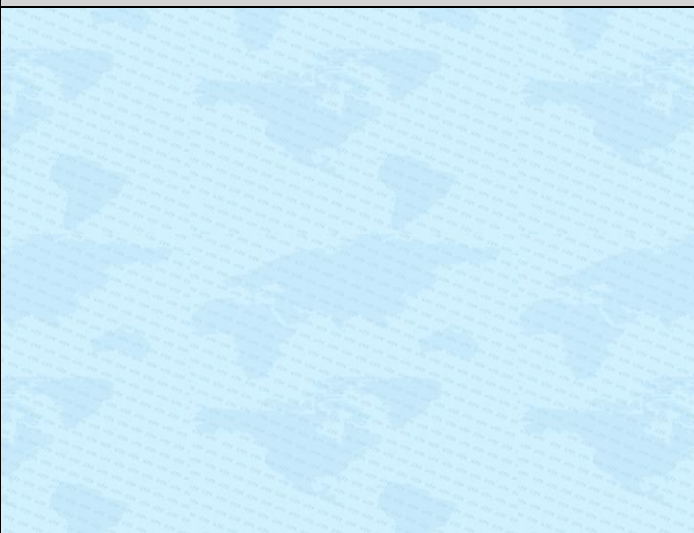
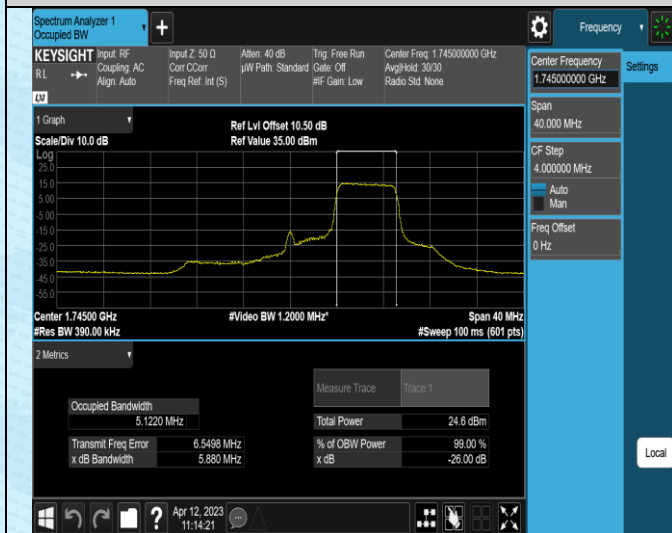
Band4-20MHz-16QAM-20175-27RB#73



Band4-20MHz-16QAM-20300-27RB#0



Band4-20MHz-16QAM-20300-27RB#73

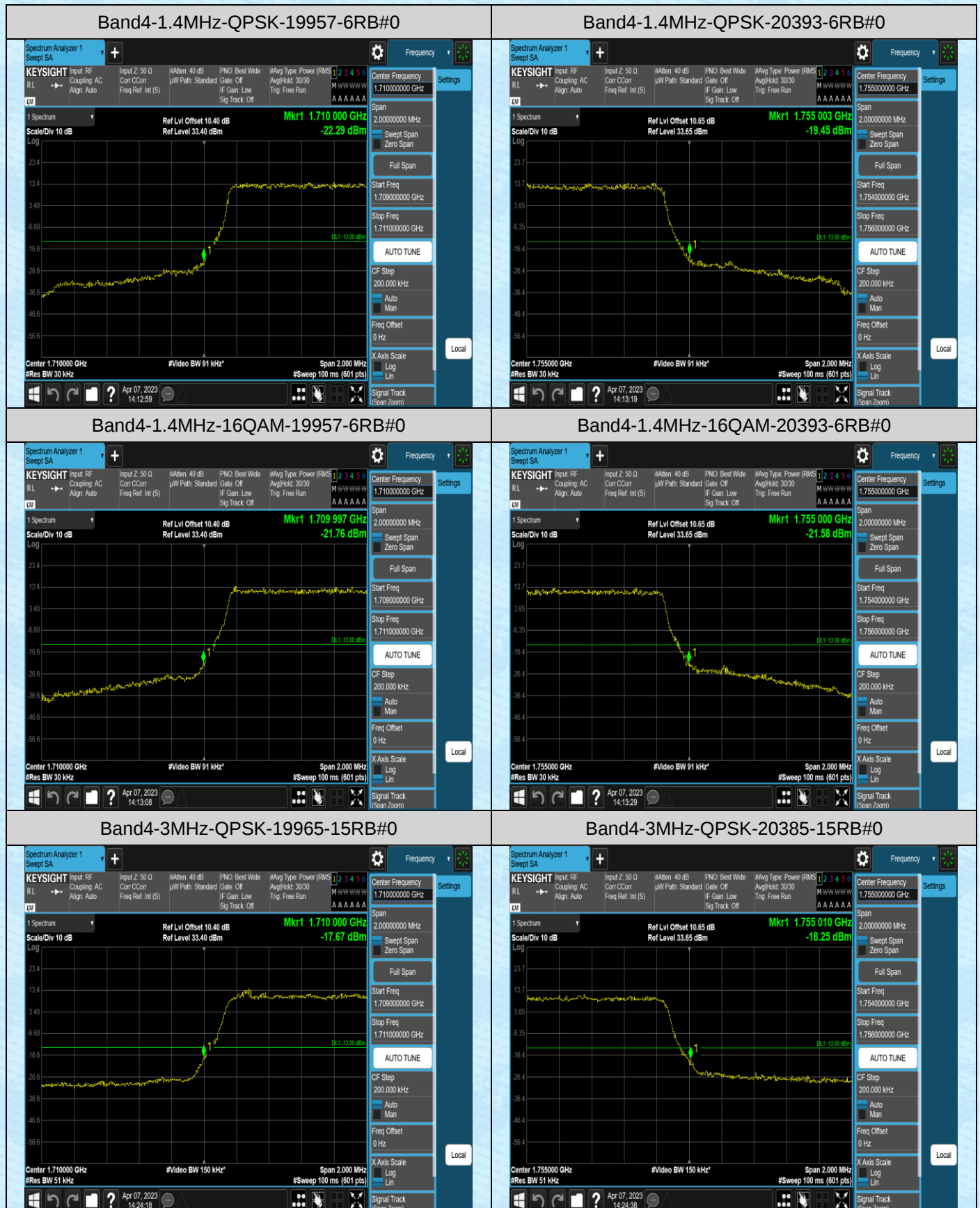


Appendix D:Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	-22.29	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-19.45	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-21.76	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-21.58	PASS
Band4	3MHz	QPSK	19965	15RB#0	-17.67	PASS
Band4	3MHz	QPSK	20385	15RB#0	-18.25	PASS
Band4	3MHz	16QAM	19965	15RB#0	-19.37	PASS
Band4	3MHz	16QAM	20385	15RB#0	-20.80	PASS
Band4	5MHz	QPSK	19975	25RB#0	-17.28	PASS
Band4	5MHz	QPSK	20375	25RB#0	-18.53	PASS
Band4	5MHz	16QAM	19975	25RB#0	-17.90	PASS
Band4	5MHz	16QAM	20375	25RB#0	-19.00	PASS
Band4	10MHz	QPSK	20000	50RB#0	-22.15	PASS
Band4	10MHz	QPSK	20350	50RB#0	-23.30	PASS
Band4	10MHz	16QAM	20000	27RB#0	-21.95	PASS
Band4	10MHz	16QAM	20350	27RB#23	-23.32	PASS
Band4	15MHz	QPSK	20025	75RB#0	-22.57	PASS
Band4	15MHz	QPSK	20325	75RB#0	-24.61	PASS
Band4	15MHz	16QAM	20025	27RB#0	-23.13	PASS
Band4	15MHz	16QAM	20325	27RB#48	-23.77	PASS
Band4	20MHz	QPSK	20050	100RB#0	-23.88	PASS
Band4	20MHz	QPSK	20300	100RB#0	-25.51	PASS
Band4	20MHz	16QAM	20050	27RB#0	-22.05	PASS
Band4	20MHz	16QAM	20300	27RB#73	-23.71	PASS

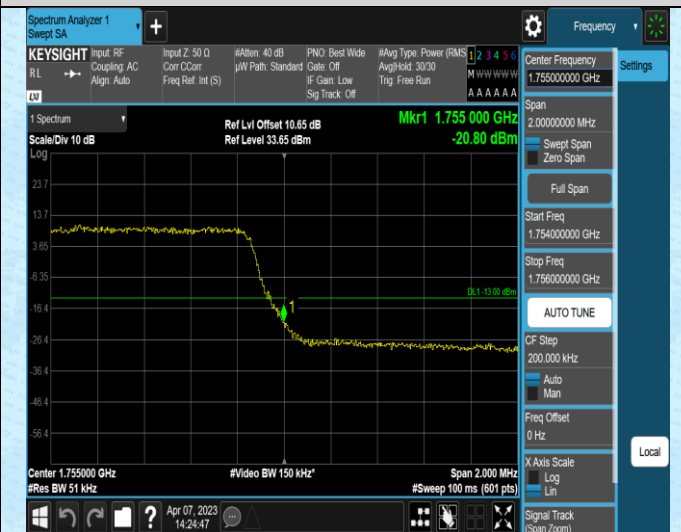
Test Graphs



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



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



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



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



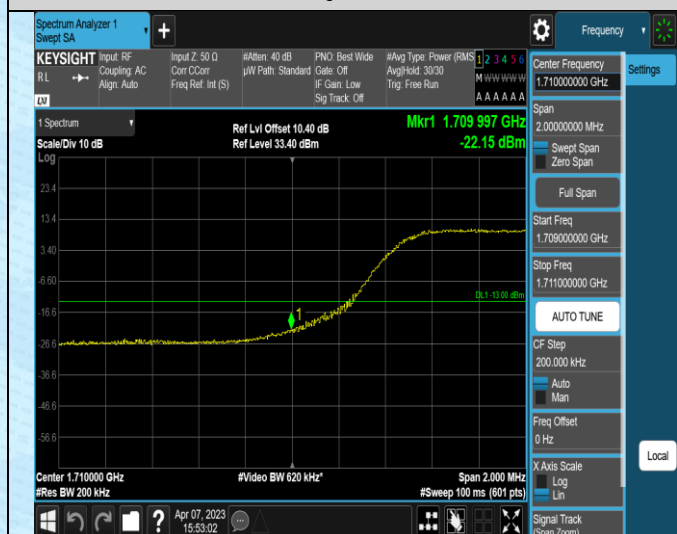
Band4-5MHz-16QAM-19975-25RB#0



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



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



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



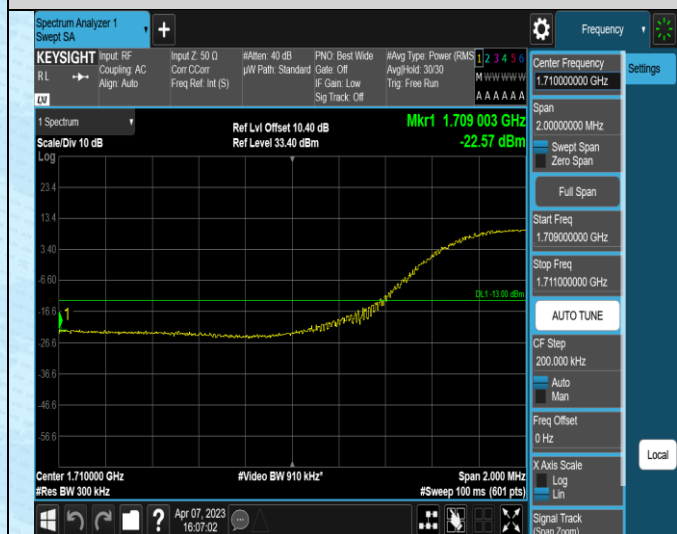
Band4-10MHz-16QAM-20000-27RB#0



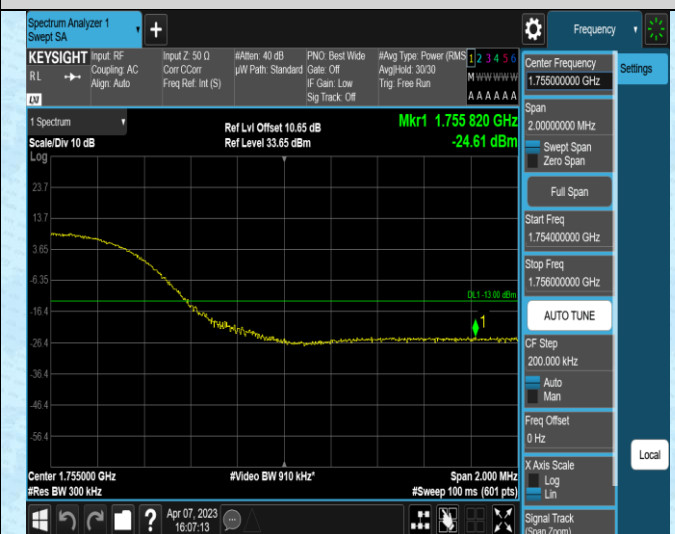
Band4-10MHz-16QAM-20350-27RB#23



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



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



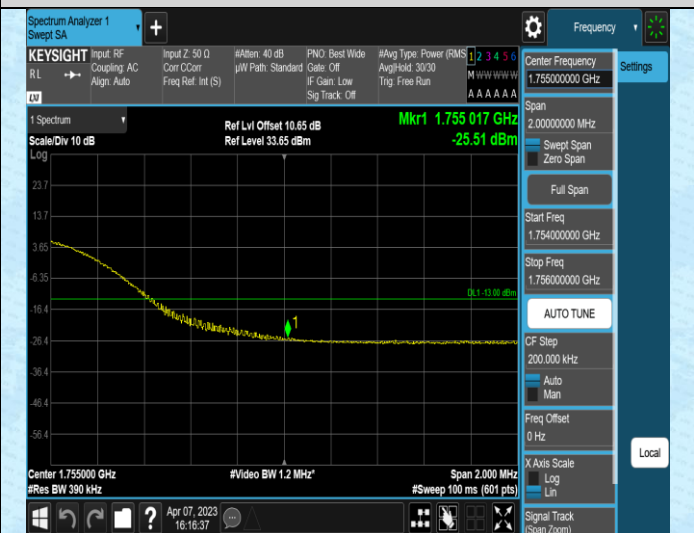
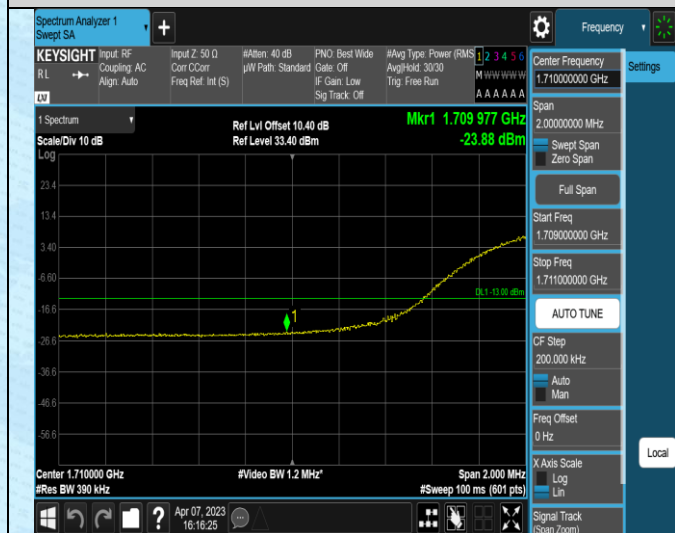
Band4-15MHz-16QAM-20025-27RB#0

Band4-15MHz-16QAM-20325-27RB#48



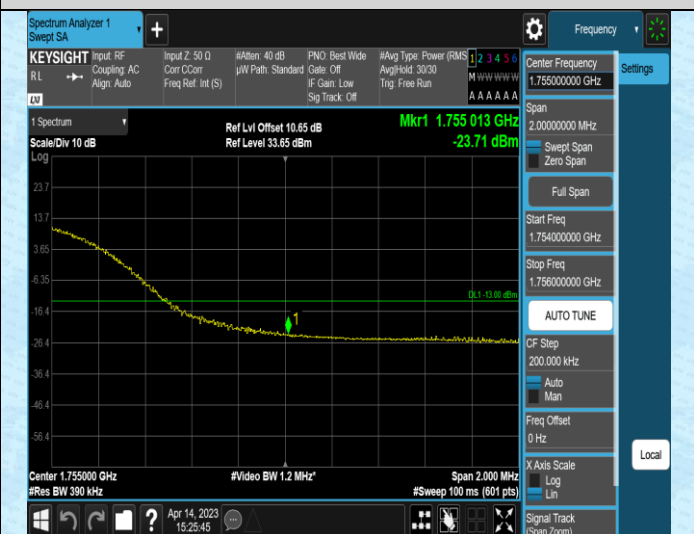
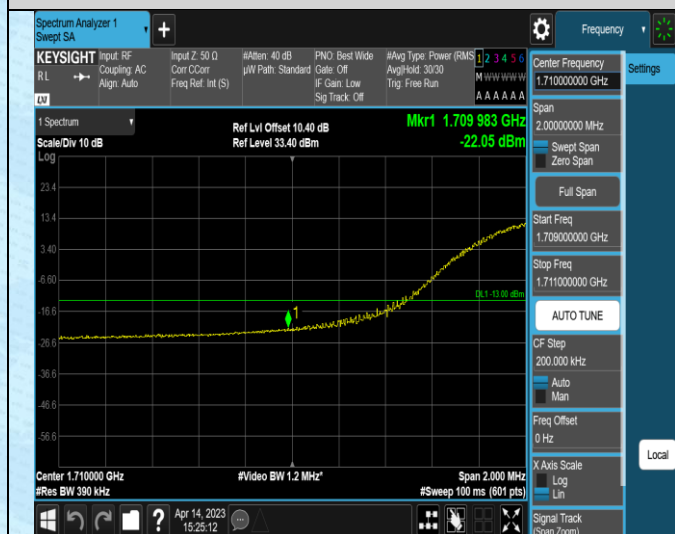
Band4-20MHz-QPSK-20050-100RB#0

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



Band4-20MHz-16QAM-20050-27RB#0

Band4-20MHz-16QAM-20300-27RB#73



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	-37.55	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range2:1000~2000MHz	-32.76	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range3:2000~20000MHz	-47.1	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-37.21	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range2:1000~2000MHz	-33.17	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range3:2000~20000MHz	-44.86	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range1:30~1000MHz	-37.04	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range2:1000~2000MHz	-33.45	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range3:2000~20000MHz	-44.88	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range1:30~1000MHz	-36.93	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range2:1000~2000MHz	-33.12	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range3:2000~20000MHz	-44.77	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-37.07	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range2:1000~2000MHz	-32.3	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range3:2000~20000MHz	-47.35	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range1:30~1000MHz	-37.12	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range2:1000~2000MHz	-32.74	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range3:2000~20000MHz	-40.66	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range1:30~1000MHz	-36.48	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range2:1000~2000MHz	-32.57	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range3:2000~20000MHz	-46.67	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-36.33	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range2:1000~2000MHz	-33.65	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range3:2000~20000MHz	-42.03	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range1:30~1000MHz	-37.06	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range2:1000~2000MHz	-33.04	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range3:2000~20000MHz	-41.61	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range1:30~1000MHz	-35.62	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range2:1000~2000MHz	-32.59	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range3:2000~20000MHz	-46.43	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-36.69	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range2:1000~2000MHz	-32.3	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range3:2000~20000MHz	-46.89	PASS

Band4	3MHz	16QAM	20385	1RB#0	Range1:30~1000MHz	-37.72	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range2:1000~2000MHz	-33.27	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range3:2000~20000MHz	-46.16	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range1:30~1000MHz	-36.5	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range2:1000~2000MHz	-31.71	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range3:2000~20000MHz	-45.39	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-37.5	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range2:1000~2000MHz	-32.12	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range3:2000~20000MHz	-47.68	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range1:30~1000MHz	-36.96	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range2:1000~2000MHz	-32.59	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range3:2000~20000MHz	-47.46	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range1:30~1000MHz	-36.43	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range2:1000~2000MHz	-31.76	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range3:2000~20000MHz	-45.71	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-36.55	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range2:1000~2000MHz	-31.6	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range3:2000~20000MHz	-45.52	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range1:30~1000MHz	-36.97	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range2:1000~2000MHz	-32.04	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range3:2000~20000MHz	-46.95	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range1:30~1000MHz	-37.06	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range2:1000~2000MHz	-32.45	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range3:2000~20000MHz	-46.01	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-36.98	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range2:1000~2000MHz	-32.9	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range3:2000~20000MHz	-44.33	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range1:30~1000MHz	-37.01	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range2:1000~2000MHz	-32.95	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range3:2000~20000MHz	-47.36	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range1:30~1000MHz	-36.23	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range2:1000~2000MHz	-32.17	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range3:2000~20000MHz	-46.76	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-37.08	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range2:1000~2000MHz	-31.84	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range3:2000~20000MHz	-39.42	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range1:30~1000MHz	-36.8	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range2:1000~2000MHz	-32.2	PASS

Band4	10MHz	16QAM	20350	1RB#0	Range3:2000~20000MHz	-46.02	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range1:30~1000MHz	-36.67	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range2:1000~2000MHz	-32.7	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range3:2000~20000MHz	-46.94	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-37.3	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range2:1000~2000MHz	-33.47	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range3:2000~20000MHz	-40.11	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range1:30~1000MHz	-36.76	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range2:1000~2000MHz	-32.32	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range3:2000~20000MHz	-46.26	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range1:30~1000MHz	-36.33	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range2:1000~2000MHz	-33.46	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range3:2000~20000MHz	-45.62	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-36.23	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range2:1000~2000MHz	-32.92	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range3:2000~20000MHz	-39.28	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range1:30~1000MHz	-37.13	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range2:1000~2000MHz	-32.85	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range3:2000~20000MHz	-47.28	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range1:30~1000MHz	-37.09	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range2:1000~2000MHz	-32.86	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range3:2000~20000MHz	-45.79	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-37.55	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range2:1000~2000MHz	-32.31	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range3:2000~20000MHz	-44	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range1:30~1000MHz	-37.02	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range2:1000~2000MHz	-31.56	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range3:2000~20000MHz	-45.89	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range1:30~1000MHz	-37.32	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range2:1000~2000MHz	-32.21	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range3:2000~20000MHz	-46.61	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-37.27	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range2:1000~2000MHz	-32.97	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range3:2000~20000MHz	-38.67	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range1:30~1000MHz	-36.5	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range2:1000~2000MHz	-31.54	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range3:2000~20000MHz	-47.39	PASS

Test Graphs

