

FCC LTE Band40 Test Data

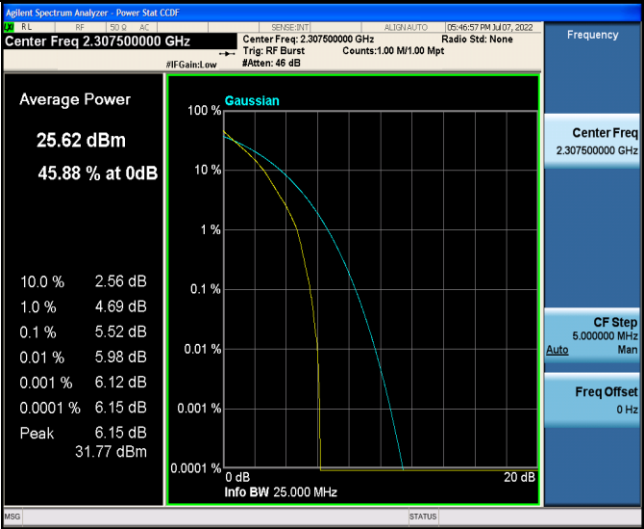
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

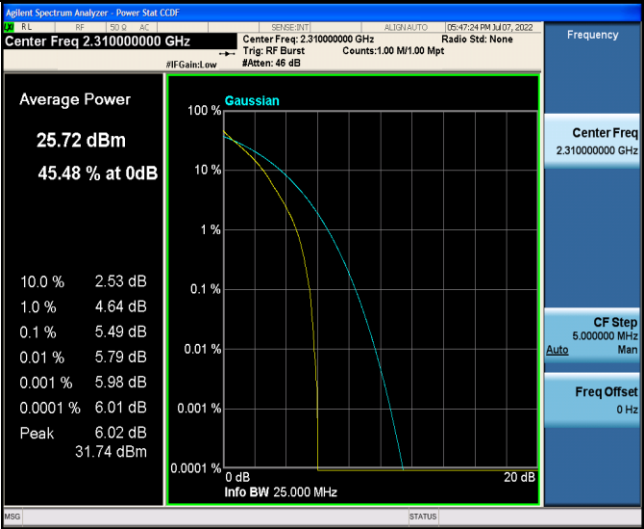
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band40	5MHz	QPSK	38725	25RB#0	5.52	13	PASS
Band40	5MHz	QPSK	38750	25RB#0	5.49	13	PASS
Band40	5MHz	QPSK	38775	25RB#0	5.44	13	PASS
Band40	5MHz	QPSK	39175	25RB#0	5.60	13	PASS
Band40	5MHz	QPSK	39200	25RB#0	5.71	13	PASS
Band40	5MHz	QPSK	39225	25RB#0	5.73	13	PASS
Band40	5MHz	16QAM	38725	25RB#0	6.28	13	PASS
Band40	5MHz	16QAM	38750	25RB#0	6.15	13	PASS
Band40	5MHz	16QAM	38775	25RB#0	6.28	13	PASS
Band40	5MHz	16QAM	39175	25RB#0	6.46	13	PASS
Band40	5MHz	16QAM	39200	25RB#0	6.48	13	PASS
Band40	5MHz	16QAM	39225	25RB#0	6.53	13	PASS
Band40	10MHz	QPSK	38750	50RB#0	5.44	13	PASS
Band40	10MHz	QPSK	39200	50RB#0	5.66	13	PASS
Band40	10MHz	16QAM	38750	50RB#0	6.15	13	PASS
Band40	10MHz	16QAM	39200	50RB#0	6.34	13	PASS

Test Graphs

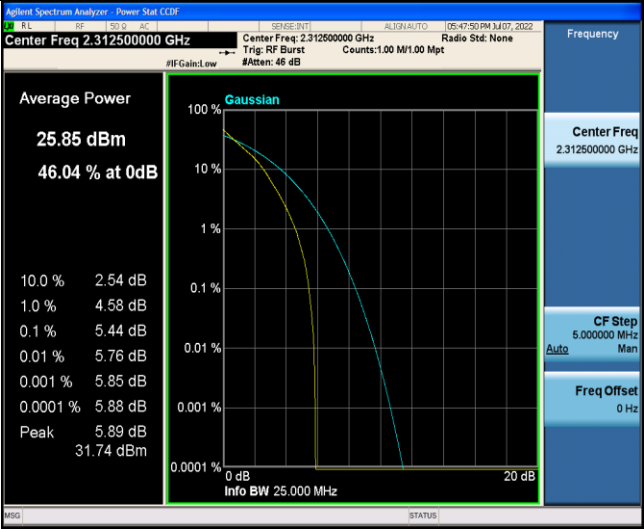
Band40-5MHz-QPSK-38725-25RB#0



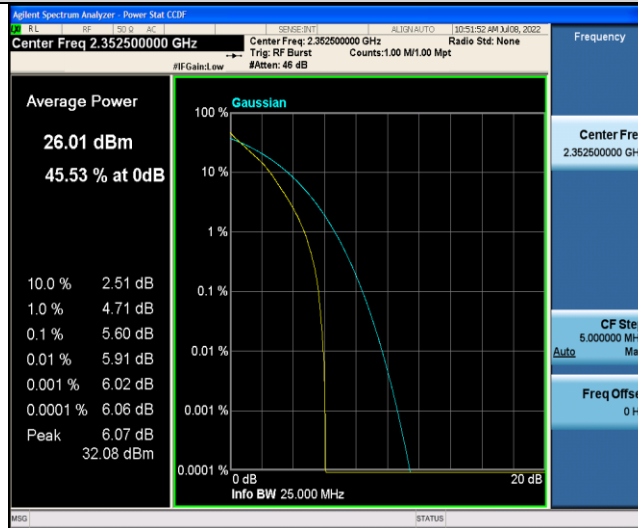
Band40-5MHz-QPSK-38750-25RB#0



Band40-5MHz-QPSK-38775-25RB#0



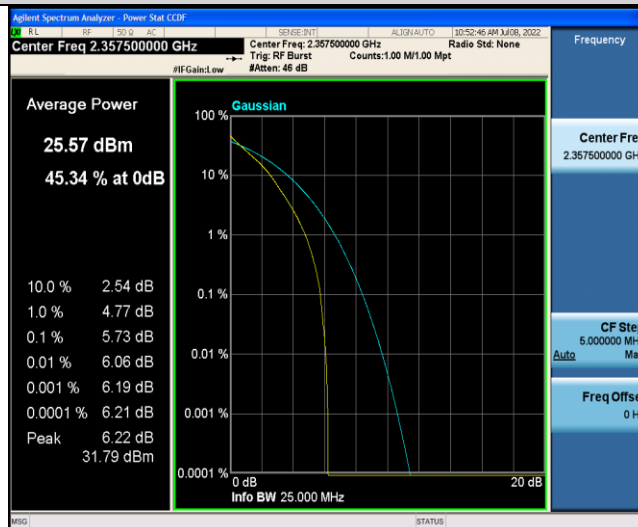
Band40-5MHz-QPSK-39175-25RB#0



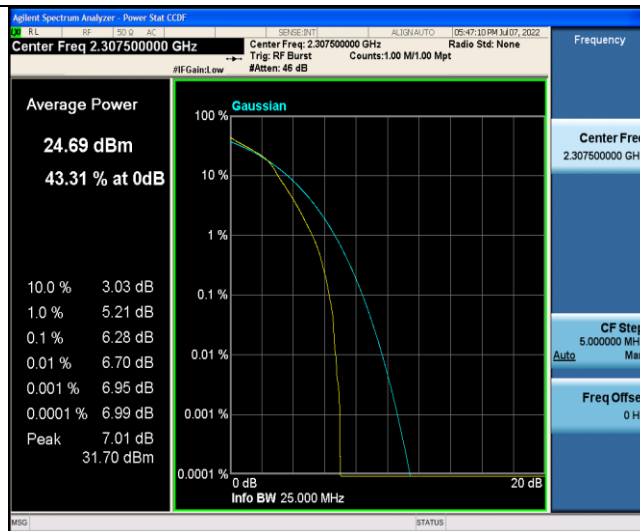
Band40-5MHz-QPSK-39200-25RB#0



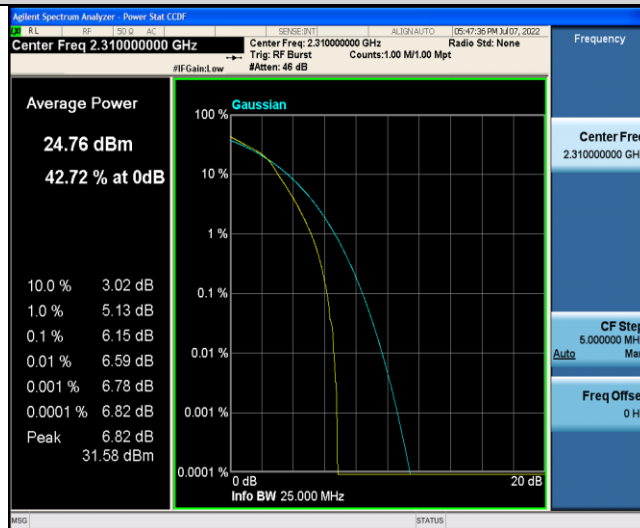
Band40-5MHz-QPSK-39225-25RB#0



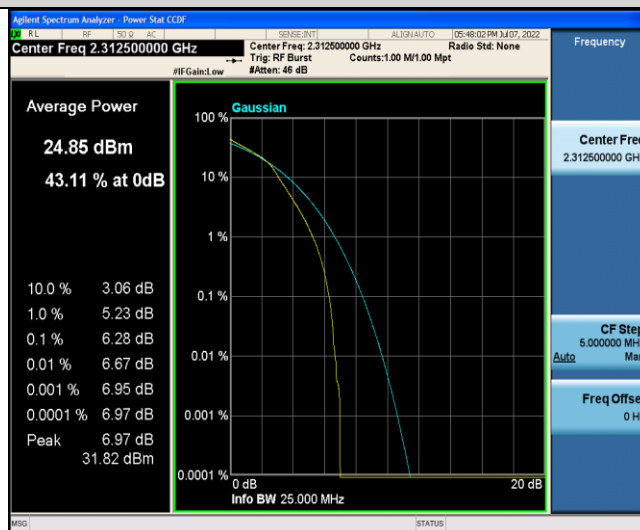
Band40-5MHz-16QAM-38725-25RB#0



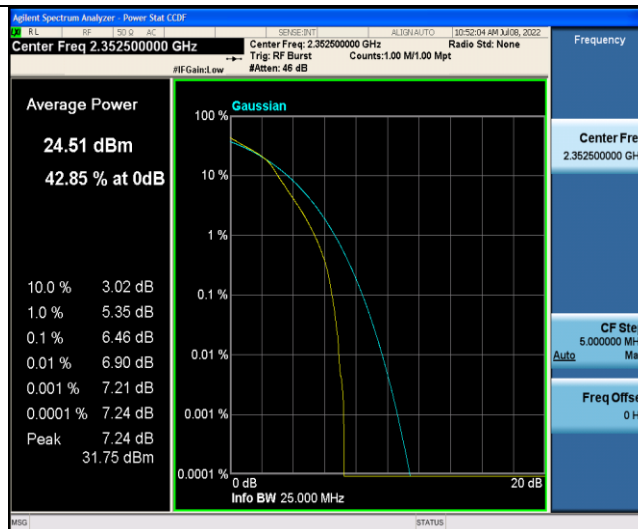
Band40-5MHz-16QAM-38750-25RB#0



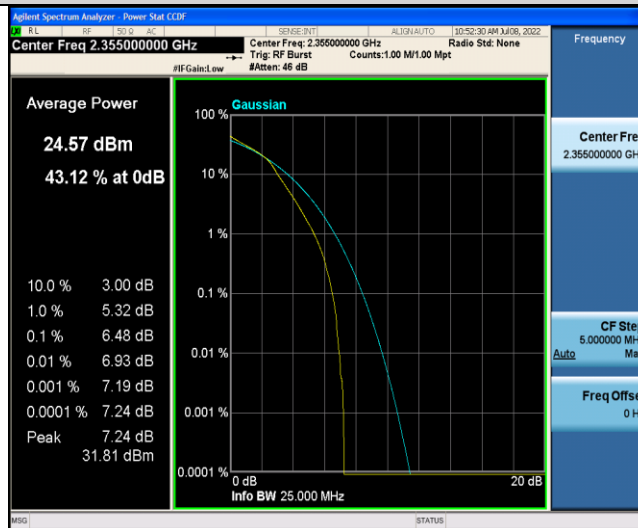
Band40-5MHz-16QAM-38775-25RB#0



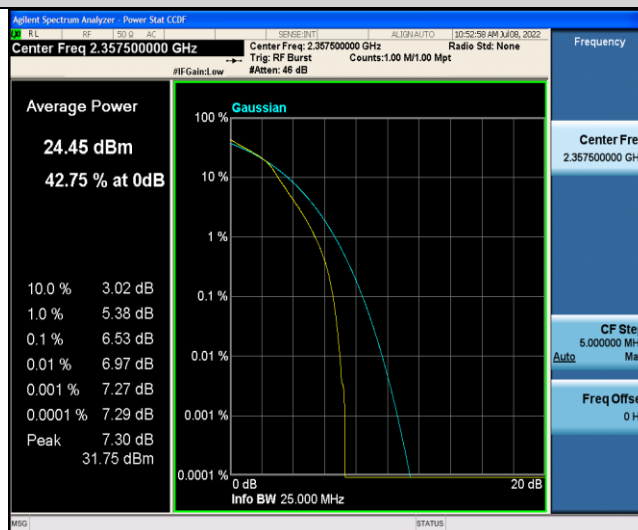
Band40-5MHz-16QAM-39175-25RB#0



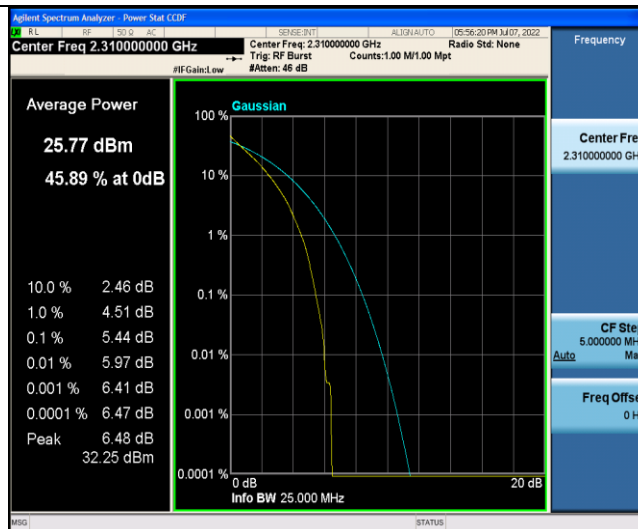
Band40-5MHz-16QAM-39200-25RB#0



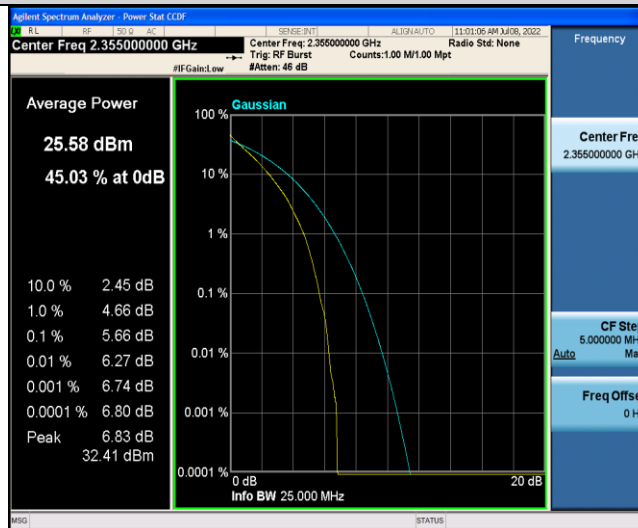
Band40-5MHz-16QAM-39225-25RB#0



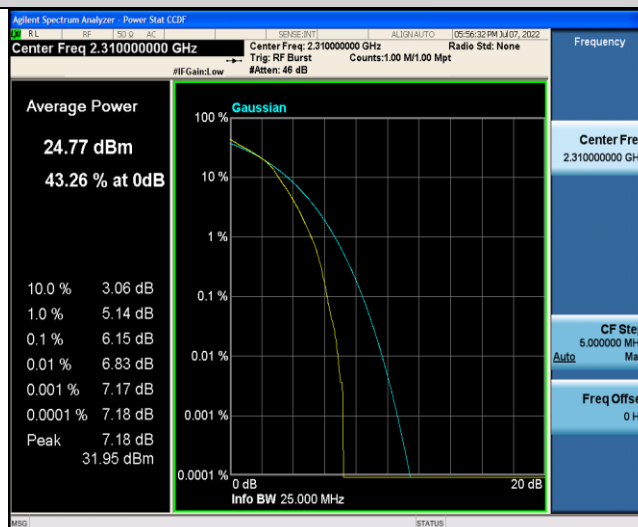
Band40-10MHz-QPSK-38750-50RB#0



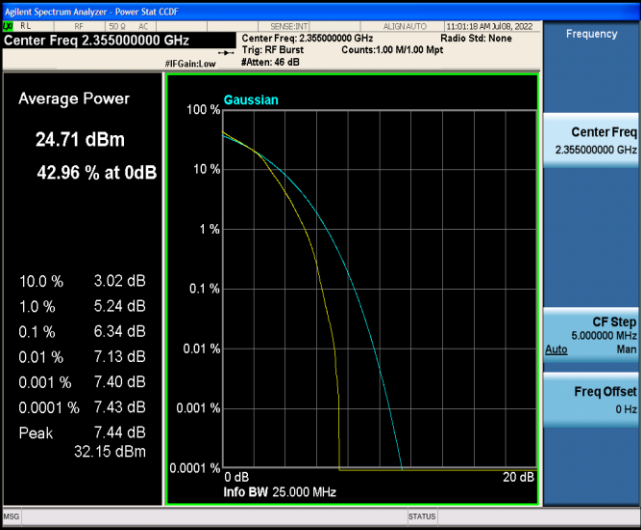
Band40-10MHz-QPSK-39200-50RB#0



Band40-10MHz-16QAM-38750-50RB#0



Band40-10MHz-16QAM-39200-50RB#0



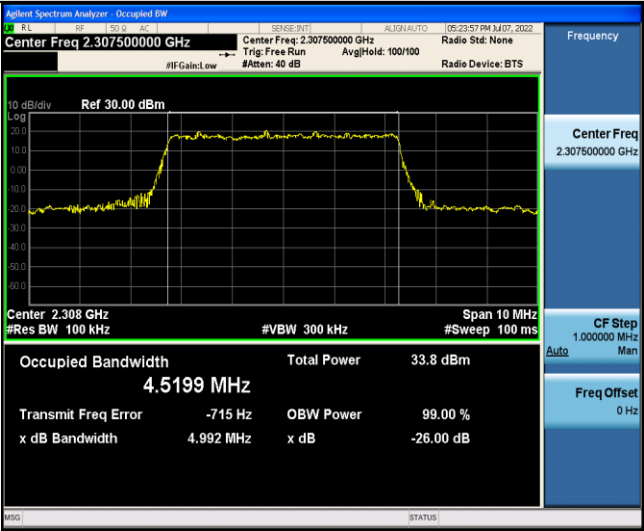
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

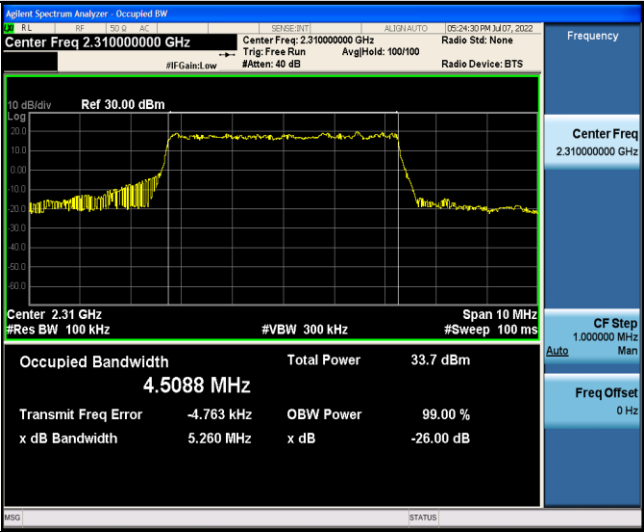
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band40	5MHz	QPSK	38725	25RB#0	4.5199	4.992	PASS
Band40	5MHz	QPSK	38750	25RB#0	4.5088	5.260	PASS
Band40	5MHz	QPSK	38775	25RB#0	4.5160	4.979	PASS
Band40	5MHz	QPSK	39175	25RB#0	4.5204	5.127	PASS
Band40	5MHz	QPSK	39200	25RB#0	4.5242	4.981	PASS
Band40	5MHz	QPSK	39225	25RB#0	4.5092	5.270	PASS
Band40	5MHz	16QAM	38725	25RB#0	4.5078	5.013	PASS
Band40	5MHz	16QAM	38750	25RB#0	4.5077	4.986	PASS
Band40	5MHz	16QAM	38775	25RB#0	4.5072	4.999	PASS
Band40	5MHz	16QAM	39175	25RB#0	4.5050	4.976	PASS
Band40	5MHz	16QAM	39200	25RB#0	4.5095	5.005	PASS
Band40	5MHz	16QAM	39225	25RB#0	4.5264	5.051	PASS
Band40	10MHz	QPSK	38750	50RB#0	8.9886	10.08	PASS
Band40	10MHz	QPSK	39200	50RB#0	8.9823	10.16	PASS
Band40	10MHz	16QAM	38750	50RB#0	8.9613	9.834	PASS
Band40	10MHz	16QAM	39200	50RB#0	8.9810	9.877	PASS

Test Graphs

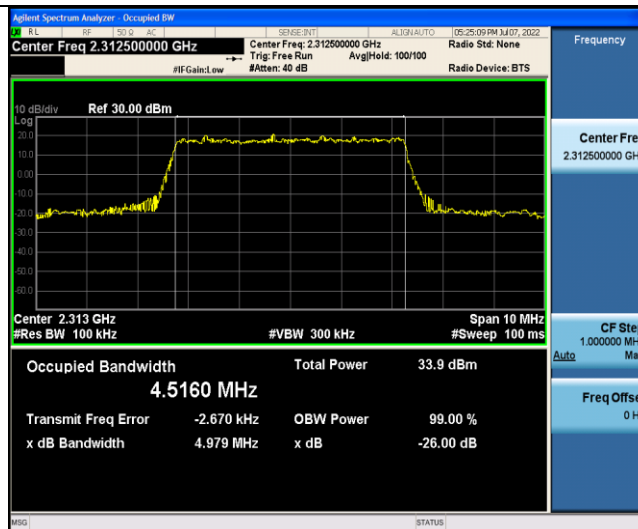
Band40-5MHz-QPSK-38725-25RB#0



Band40-5MHz-QPSK-38750-25RB#0



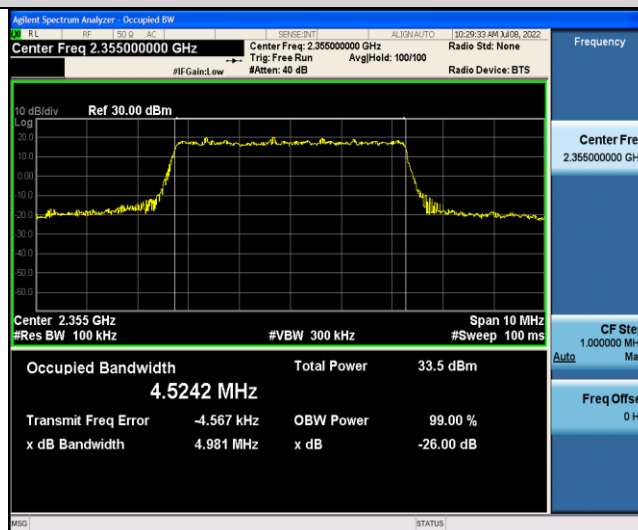
Band40-5MHz-QPSK-38775-25RB#0



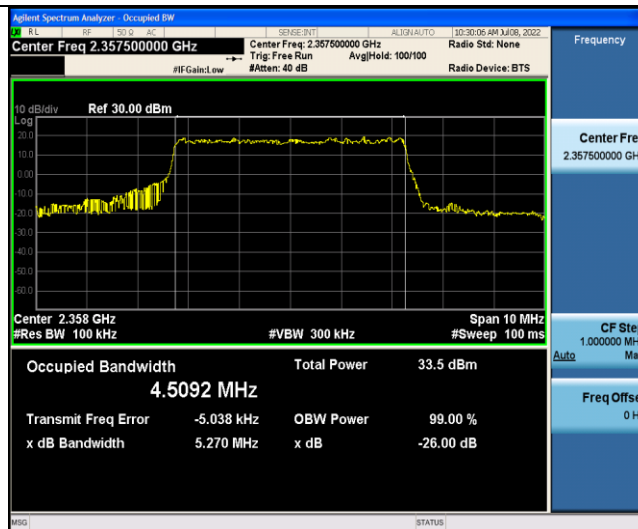
Band40-5MHz-QPSK-39175-25RB#0



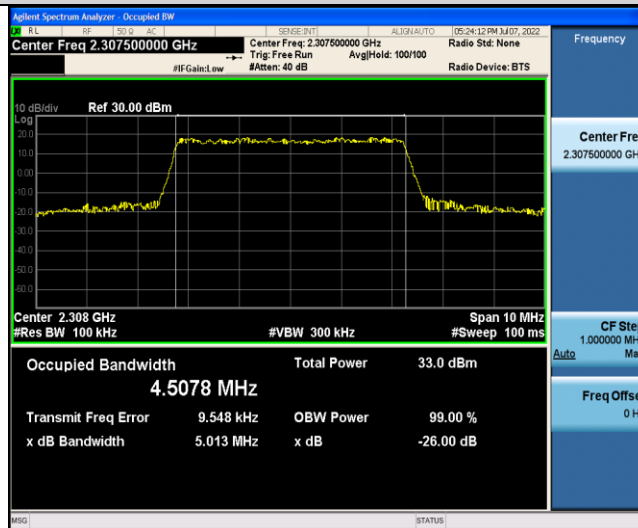
Band40-5MHz-QPSK-39200-25RB#0



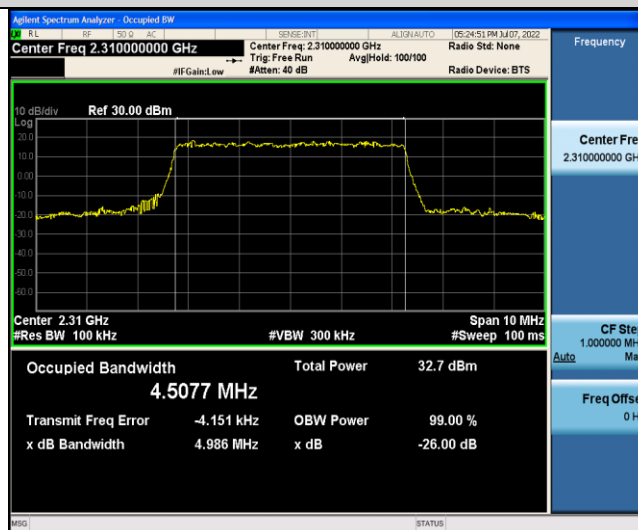
Band40-5MHz-QPSK-39225-25RB#0



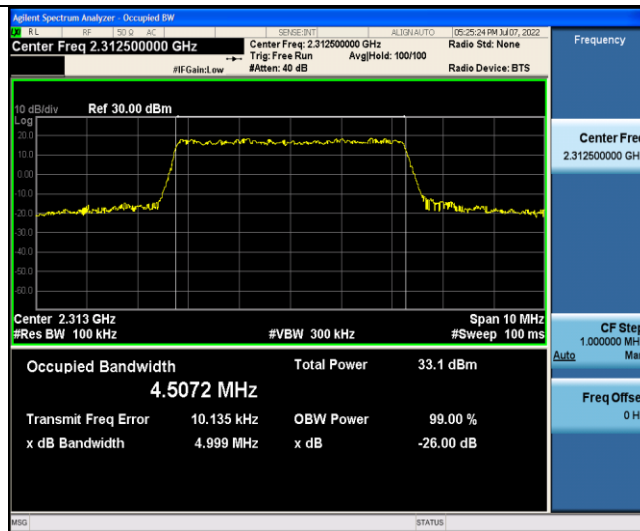
Band40-5MHz-16QAM-38725-25RB#0



Band40-5MHz-16QAM-38750-25RB#0



Band40-5MHz-16QAM-38775-25RB#0



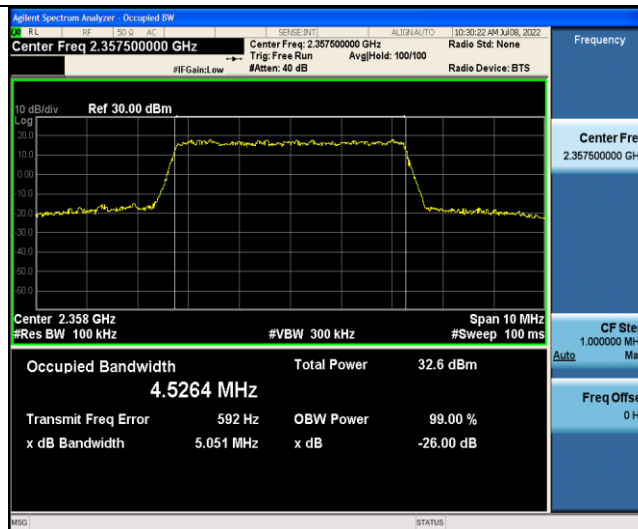
Band40-5MHz-16QAM-39175-25RB#0



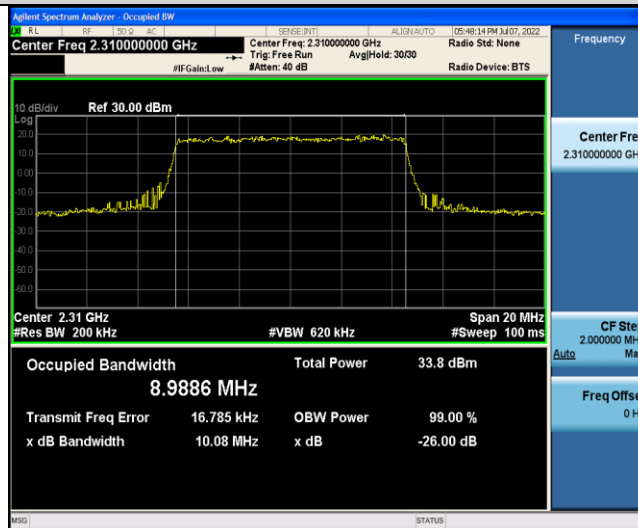
Band40-5MHz-16QAM-39200-25RB#0



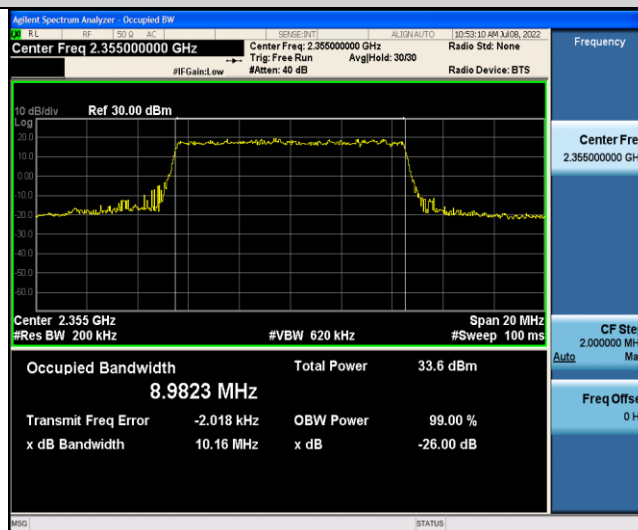
Band40-5MHz-16QAM-39225-25RB#0



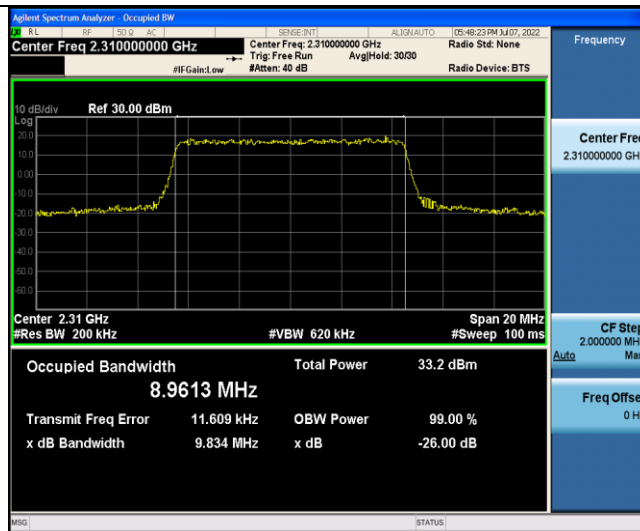
Band40-10MHz-QPSK-38750-50RB#0



Band40-10MHz-QPSK-39200-50RB#0



Band40-10MHz-16QAM-38750-50RB#0



Band40-10MHz-16QAM-39200-50RB#0



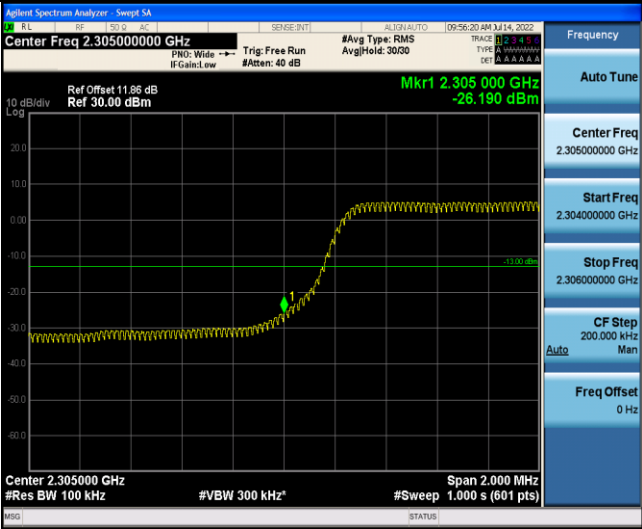
Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band40	5MHz	QPSK	38725	25RB#0	-26.19	PASS
Band40	5MHz	QPSK	38775	25RB#0	-25.97	PASS
Band40	5MHz	QPSK	39175	25RB#0	-25.92	PASS
Band40	5MHz	QPSK	39225	25RB#0	-26.65	PASS
Band40	5MHz	16QAM	38725	25RB#0	-26.34	PASS
Band40	5MHz	16QAM	38775	25RB#0	-25.51	PASS
Band40	5MHz	16QAM	39175	25RB#0	-27.11	PASS
Band40	5MHz	16QAM	39225	25RB#0	-26.86	PASS
Band40	10MHz	QPSK	38750	50RB#0	-27.75,-28.89	PASS
Band40	10MHz	QPSK	39200	50RB#0	-28.46,-29.71	PASS
Band40	10MHz	16QAM	38750	50RB#0	-28.20,-28.25	PASS
Band40	10MHz	16QAM	39200	50RB#0	-28.50,-29.47	PASS

Test Graphs

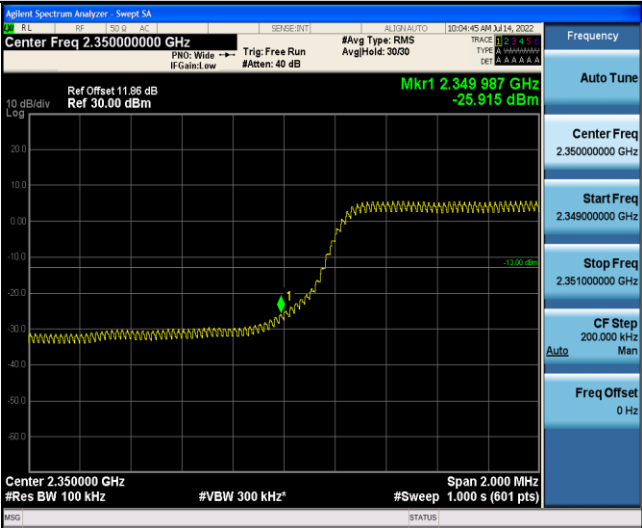
Band40-5MHz-QPSK-38725-25RB#0



Band40-5MHz-QPSK-38775-25RB#0



Band40-5MHz-QPSK-39175-25RB#0



Band40-5MHz-QPSK-39225-25RB#0



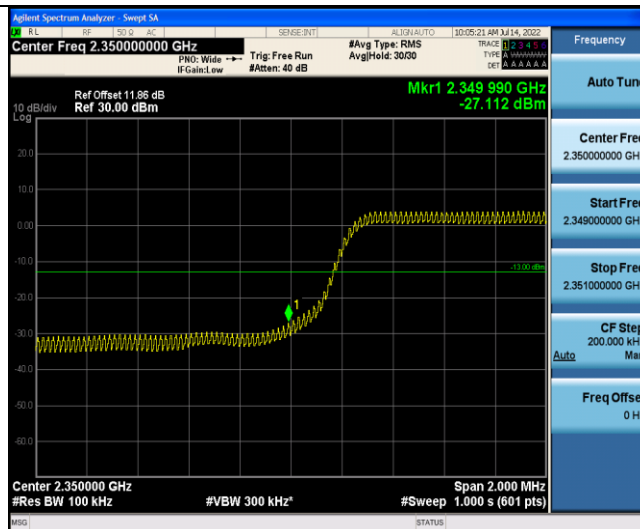
Band40-5MHz-16QAM-38725-25RB#0



Band40-5MHz-16QAM-38775-25RB#0



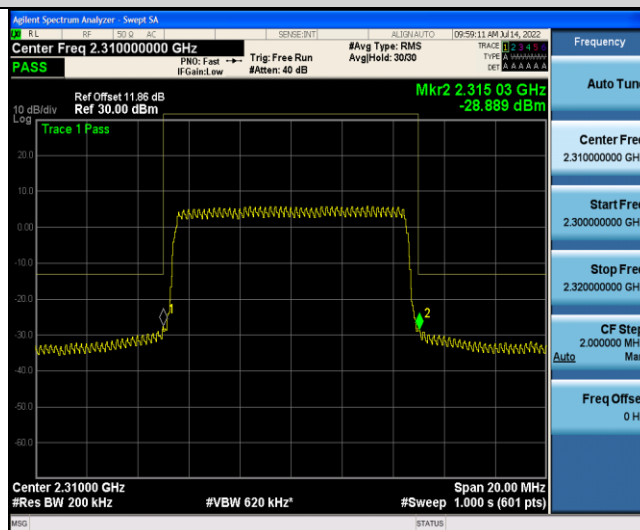
Band40-5MHz-16QAM-39175-25RB#0



Band40-5MHz-16QAM-39225-25RB#0



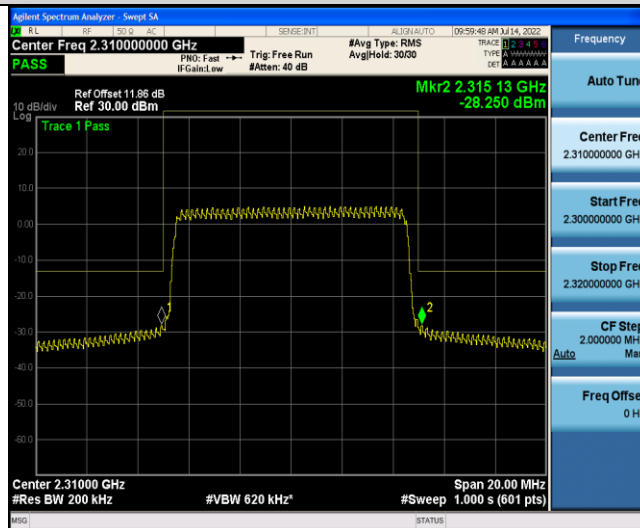
Band40-10MHz-QPSK-38750-50RB#0



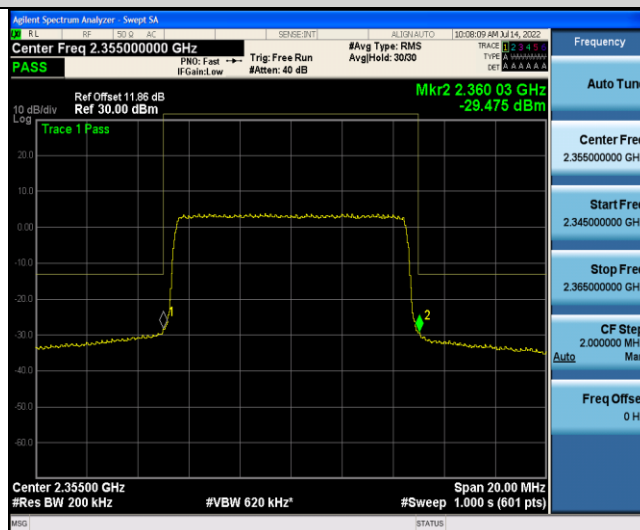
Band40-10MHz-QPSK-39200-50RB#0



Band40-10MHz-16QAM-38750-50RB#0



Band40-10MHz-16QAM-39200-50RB#0



Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band40	5MHz	QPSK	38725	25RB#0	Range1:30~1000MHz	-52.1	PASS
Band40	5MHz	QPSK	38725	25RB#0	Range2:1000~2288MHz	-59.23	PASS
Band40	5MHz	QPSK	38725	25RB#0	Range3:2288~2292MHz	-55.42	PASS
Band40	5MHz	QPSK	38725	25RB#0	Range4:2292~2296MHz	-48.55	PASS
Band40	5MHz	QPSK	38725	25RB#0	Range5:2296~2300MHz	-36.65	PASS
Band40	5MHz	QPSK	38725	25RB#0	Range6:2300~2304MHz	-17.59	PASS
Band40	5MHz	QPSK	38725	25RB#0	Range7:2320~2324MHz	-51.32	PASS
Band40	5MHz	QPSK	38725	25RB#0	Range8:2324~2328MHz	-54.79	PASS
Band40	5MHz	QPSK	38725	25RB#0	Range9:2328~2337MHz	-59.94	PASS
Band40	5MHz	QPSK	38725	25RB#0	Range10:2337~2341MHz	-61.14	PASS
Band40	5MHz	QPSK	38725	25RB#0	Range11:2341~2345MHz	-61.1	PASS
Band40	5MHz	QPSK	38725	25RB#0	Range12:2365~6000MHz	-59.66	PASS
Band40	5MHz	QPSK	38725	25RB#0	Range13:6000~26500MHz	-45.98	PASS
Band40	5MHz	QPSK	38750	25RB#0	Range1:30~1000MHz	-52.53	PASS
Band40	5MHz	QPSK	38750	25RB#0	Range2:1000~2288MHz	-60.48	PASS
Band40	5MHz	QPSK	38750	25RB#0	Range3:2288~2292MHz	-58.63	PASS
Band40	5MHz	QPSK	38750	25RB#0	Range4:2292~2296MHz	-54.1	PASS
Band40	5MHz	QPSK	38750	25RB#0	Range5:2296~2300MHz	-42.53	PASS
Band40	5MHz	QPSK	38750	25RB#0	Range6:2300~2305MHz	-26.7	PASS
Band40	5MHz	QPSK	38750	25RB#0	Range7:2320~2324MHz	-41.26	PASS
Band40	5MHz	QPSK	38750	25RB#0	Range8:2324~2328MHz	-51.48	PASS
Band40	5MHz	QPSK	38750	25RB#0	Range9:2328~2337MHz	-57.49	PASS
Band40	5MHz	QPSK	38750	25RB#0	Range10:2337~2341MHz	-60.72	PASS
Band40	5MHz	QPSK	38750	25RB#0	Range11:2341~2345MHz	-61.11	PASS
Band40	5MHz	QPSK	38750	25RB#0	Range12:2365~6000MHz	-59.65	PASS
Band40	5MHz	QPSK	38750	25RB#0	Range13:6000~26500MHz	-46.03	PASS
Band40	5MHz	QPSK	38775	25RB#0	Range1:30~1000MHz	-52.31	PASS
Band40	5MHz	QPSK	38775	25RB#0	Range2:1000~2288MHz	-60.52	PASS
Band40	5MHz	QPSK	38775	25RB#0	Range3:2288~2292MHz	-59.67	PASS
Band40	5MHz	QPSK	38775	25RB#0	Range4:2292~2296MHz	-57.24	PASS

Band40	5MHz	QPSK	38775	25RB#0	Range5:2296~2300MHz	-53.24	PASS
Band40	5MHz	QPSK	38775	25RB#0	Range6:2300~2305MHz	-35.87	PASS
Band40	5MHz	QPSK	38775	25RB#0	Range7:2320~2324MHz	-36.19	PASS
Band40	5MHz	QPSK	38775	25RB#0	Range8:2324~2328MHz	-46.44	PASS
Band40	5MHz	QPSK	38775	25RB#0	Range9:2328~2337MHz	-53.79	PASS
Band40	5MHz	QPSK	38775	25RB#0	Range10:2337~2341MHz	-60.04	PASS
Band40	5MHz	QPSK	38775	25RB#0	Range11:2341~2345MHz	-61.14	PASS
Band40	5MHz	QPSK	38775	25RB#0	Range12:2365~6000MHz	-59.66	PASS
Band40	5MHz	QPSK	38775	25RB#0	Range13:6000~26500MHz	-46.04	PASS
Band40	5MHz	QPSK	39175	25RB#0	Range1:30~1000MHz	-51.74	PASS
Band40	5MHz	QPSK	39175	25RB#0	Range2:1000~2288MHz	-59.89	PASS
Band40	5MHz	QPSK	39175	25RB#0	Range3:2288~2292MHz	-61.86	PASS
Band40	5MHz	QPSK	39175	25RB#0	Range4:2292~2296MHz	-61.72	PASS
Band40	5MHz	QPSK	39175	25RB#0	Range5:2296~2300MHz	-61.5	PASS
Band40	5MHz	QPSK	39175	25RB#0	Range6:2320~2324MHz	-59.59	PASS
Band40	5MHz	QPSK	39175	25RB#0	Range7:2324~2328MHz	-59.54	PASS
Band40	5MHz	QPSK	39175	25RB#0	Range8:2328~2337MHz	-53.71	PASS
Band40	5MHz	QPSK	39175	25RB#0	Range9:2337~2341MHz	-48.84	PASS
Band40	5MHz	QPSK	39175	25RB#0	Range10:2341~2345MHz	-38.8	PASS
Band40	5MHz	QPSK	39175	25RB#0	Range11:2360~2365MHz	-39.48	PASS
Band40	5MHz	QPSK	39175	25RB#0	Range12:2365~6000MHz	-49.08	PASS
Band40	5MHz	QPSK	39175	25RB#0	Range13:6000~26500MHz	-46.02	PASS
Band40	5MHz	QPSK	39200	25RB#0	Range1:30~1000MHz	-52.35	PASS
Band40	5MHz	QPSK	39200	25RB#0	Range2:1000~2288MHz	-61.11	PASS
Band40	5MHz	QPSK	39200	25RB#0	Range3:2288~2292MHz	-61.64	PASS
Band40	5MHz	QPSK	39200	25RB#0	Range4:2292~2296MHz	-61.7	PASS
Band40	5MHz	QPSK	39200	25RB#0	Range5:2296~2300MHz	-61.76	PASS
Band40	5MHz	QPSK	39200	25RB#0	Range6:2320~2324MHz	-60.16	PASS
Band40	5MHz	QPSK	39200	25RB#0	Range7:2324~2328MHz	-59.73	PASS
Band40	5MHz	QPSK	39200	25RB#0	Range8:2328~2337MHz	-57.13	PASS
Band40	5MHz	QPSK	39200	25RB#0	Range9:2337~2341MHz	-52.01	PASS
Band40	5MHz	QPSK	39200	25RB#0	Range10:2341~2345MHz	-42.77	PASS
Band40	5MHz	QPSK	39200	25RB#0	Range11:2360~2365MHz	-26.08	PASS
Band40	5MHz	QPSK	39200	25RB#0	Range12:2365~6000MHz	-46.1	PASS
Band40	5MHz	QPSK	39200	25RB#0	Range13:6000~26500MHz	-46.01	PASS
Band40	5MHz	QPSK	39225	25RB#0	Range1:30~1000MHz	-52.17	PASS
Band40	5MHz	QPSK	39225	25RB#0	Range2:1000~2288MHz	-60.84	PASS

Band40	5MHz	QPSK	39225	25RB#0	Range3:2288~2292MHz	-61.59	PASS
Band40	5MHz	QPSK	39225	25RB#0	Range4:2292~2296MHz	-61.87	PASS
Band40	5MHz	QPSK	39225	25RB#0	Range5:2296~2300MHz	-61.83	PASS
Band40	5MHz	QPSK	39225	25RB#0	Range6:2320~2324MHz	-60.51	PASS
Band40	5MHz	QPSK	39225	25RB#0	Range7:2324~2328MHz	-60.21	PASS
Band40	5MHz	QPSK	39225	25RB#0	Range8:2328~2337MHz	-58.73	PASS
Band40	5MHz	QPSK	39225	25RB#0	Range9:2337~2341MHz	-56.71	PASS
Band40	5MHz	QPSK	39225	25RB#0	Range10:2341~2345MHz	-50.7	PASS
Band40	5MHz	QPSK	39225	25RB#0	Range11:2361~2365MHz	-17.82	PASS
Band40	5MHz	QPSK	39225	25RB#0	Range12:2365~6000MHz	-36.06	FAIL
Band40	5MHz	QPSK	39225	25RB#0	Range13:6000~26500MHz	-45.95	PASS
Band40	5MHz	16QAM	38725	25RB#0	Range1:30~1000MHz	-52.28	PASS
Band40	5MHz	16QAM	38725	25RB#0	Range2:1000~2288MHz	-60.76	PASS
Band40	5MHz	16QAM	38725	25RB#0	Range3:2288~2292MHz	-57.18	PASS
Band40	5MHz	16QAM	38725	25RB#0	Range4:2292~2296MHz	-51.38	PASS
Band40	5MHz	16QAM	38725	25RB#0	Range5:2296~2300MHz	-35.02	PASS
Band40	5MHz	16QAM	38725	25RB#0	Range6:2300~2304MHz	-17.06	PASS
Band40	5MHz	16QAM	38725	25RB#0	Range7:2320~2324MHz	-51.9	PASS
Band40	5MHz	16QAM	38725	25RB#0	Range8:2324~2328MHz	-56.58	PASS
Band40	5MHz	16QAM	38725	25RB#0	Range9:2328~2337MHz	-59.62	PASS
Band40	5MHz	16QAM	38725	25RB#0	Range10:2337~2341MHz	-61.09	PASS
Band40	5MHz	16QAM	38725	25RB#0	Range11:2341~2345MHz	-61.33	PASS
Band40	5MHz	16QAM	38725	25RB#0	Range12:2365~6000MHz	-59.64	PASS
Band40	5MHz	16QAM	38725	25RB#0	Range13:6000~26500MHz	-46.03	PASS
Band40	5MHz	16QAM	38750	25RB#0	Range1:30~1000MHz	-52.24	PASS
Band40	5MHz	16QAM	38750	25RB#0	Range2:1000~2288MHz	-60.37	PASS
Band40	5MHz	16QAM	38750	25RB#0	Range3:2288~2292MHz	-59.83	PASS
Band40	5MHz	16QAM	38750	25RB#0	Range4:2292~2296MHz	-57.01	PASS
Band40	5MHz	16QAM	38750	25RB#0	Range5:2296~2300MHz	-45.23	PASS
Band40	5MHz	16QAM	38750	25RB#0	Range6:2300~2305MHz	-26.11	PASS
Band40	5MHz	16QAM	38750	25RB#0	Range7:2320~2324MHz	-43.67	PASS
Band40	5MHz	16QAM	38750	25RB#0	Range8:2324~2328MHz	-53.82	PASS
Band40	5MHz	16QAM	38750	25RB#0	Range9:2328~2337MHz	-58.49	PASS
Band40	5MHz	16QAM	38750	25RB#0	Range10:2337~2341MHz	-60.93	PASS
Band40	5MHz	16QAM	38750	25RB#0	Range11:2341~2345MHz	-61.32	PASS
Band40	5MHz	16QAM	38750	25RB#0	Range12:2365~6000MHz	-59.68	PASS
Band40	5MHz	16QAM	38750	25RB#0	Range13:6000~26500MHz	-45.98	PASS