

# FCC LTE Band30 Test Data

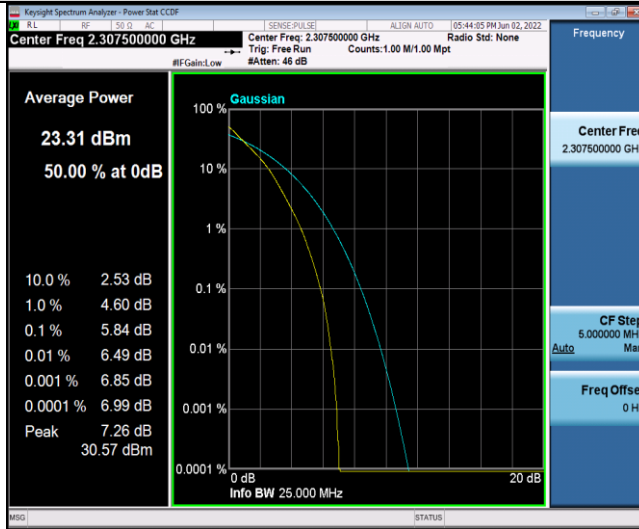
## Appendix B: Peak-to-Average Ratio(CCDF)

### Test Result

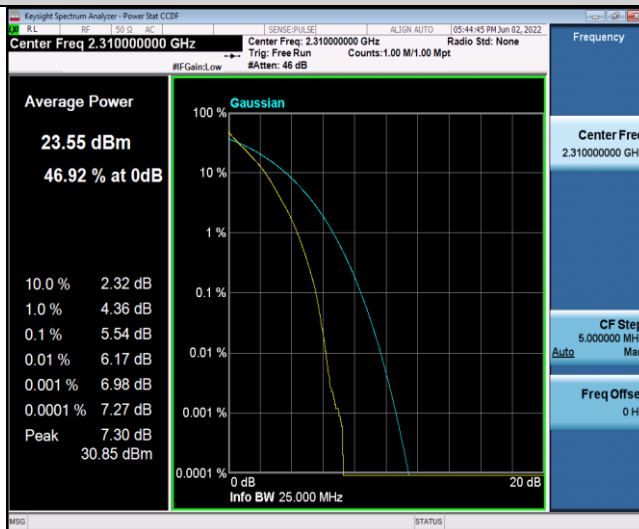
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band30	5MHz	QPSK	27685	25RB#0	5.84	13	PASS
Band30	5MHz	QPSK	27710	25RB#0	5.54	13	PASS
Band30	5MHz	QPSK	27735	25RB#0	5.47	13	PASS
Band30	5MHz	16QAM	27685	25RB#0	7.56	13	PASS
Band30	5MHz	16QAM	27710	25RB#0	7.16	13	PASS
Band30	5MHz	16QAM	27735	25RB#0	7.57	13	PASS
Band30	10MHz	QPSK	27710	50RB#0	5.99	13	PASS
Band30	10MHz	16QAM	27710	50RB#0	6.31	13	PASS

### Test Graphs

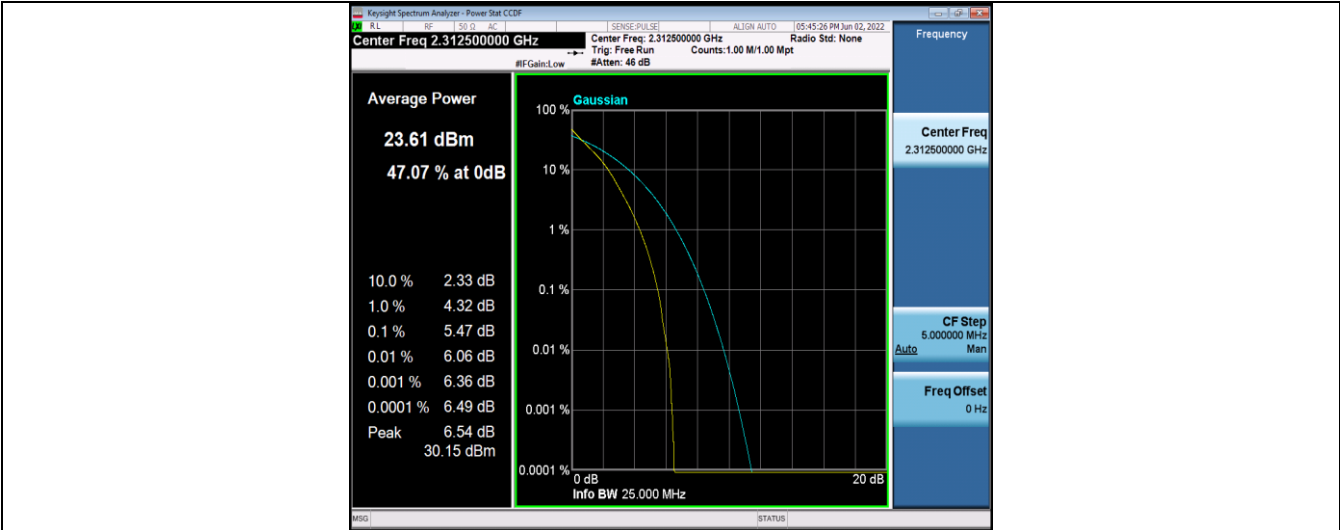
Band30-5MHz-QPSK-27685-25RB#0



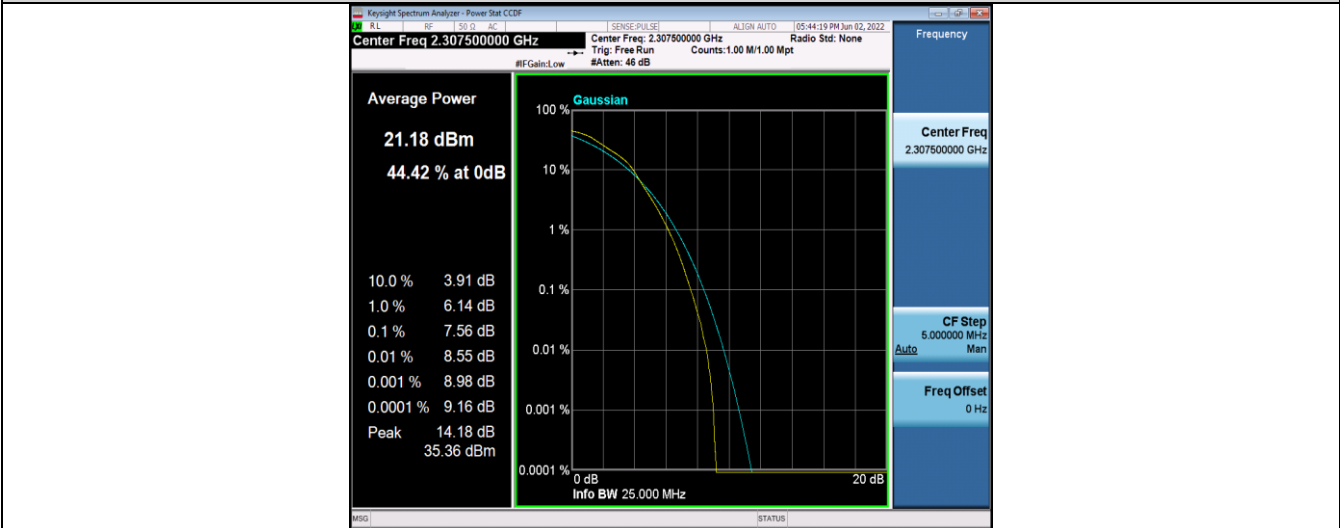
Band30-5MHz-QPSK-27710-25RB#0



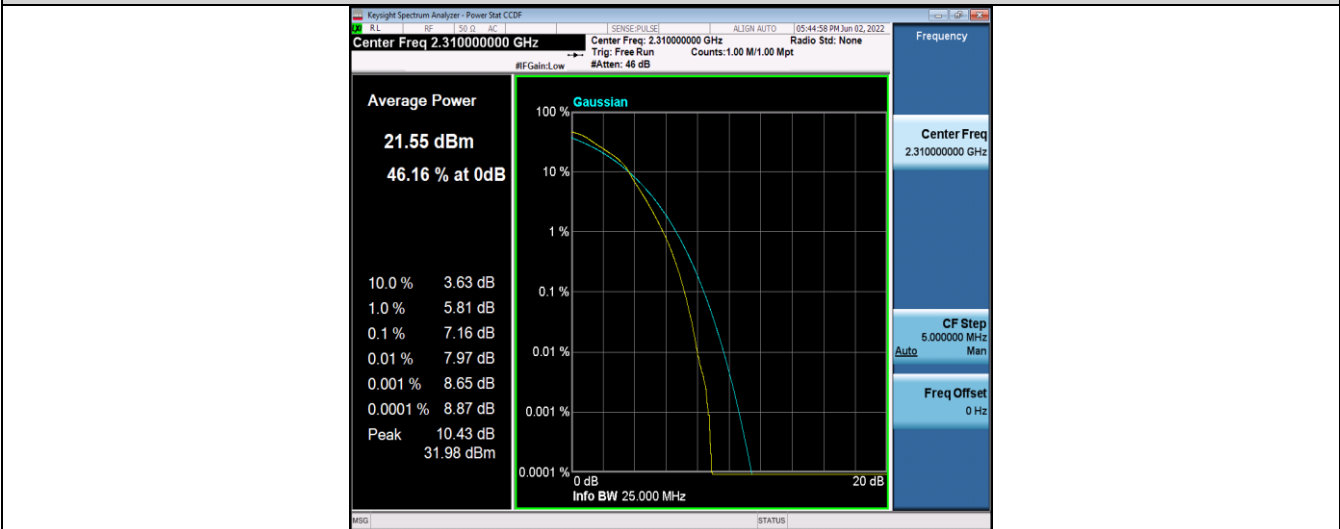
Band30-5MHz-QPSK-27735-25RB#0



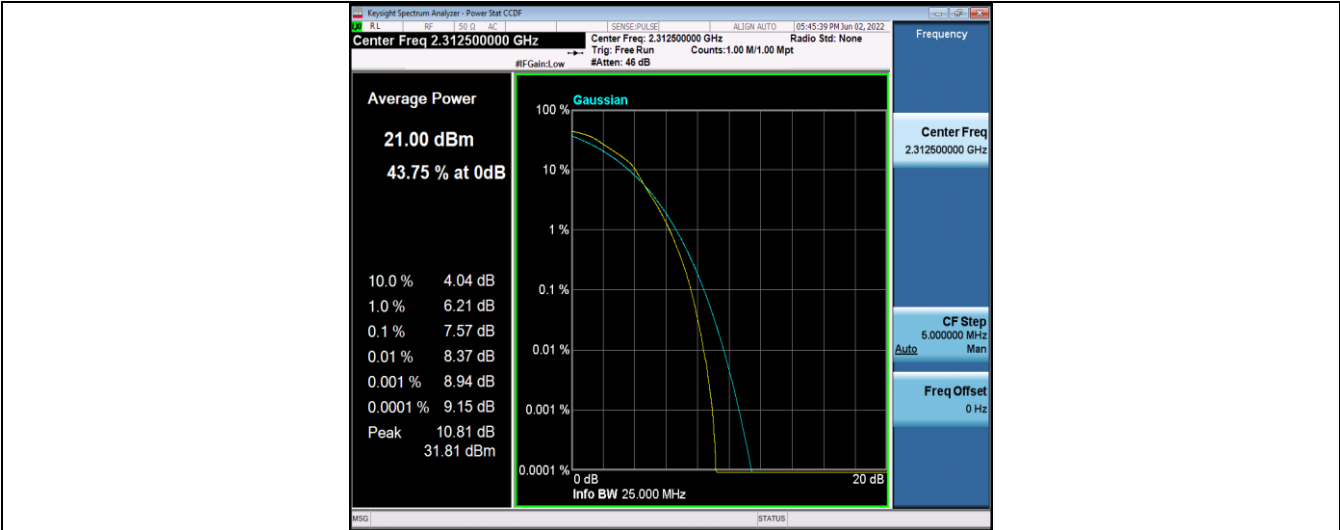
Band30-5MHz-16QAM-27685-25RB#0



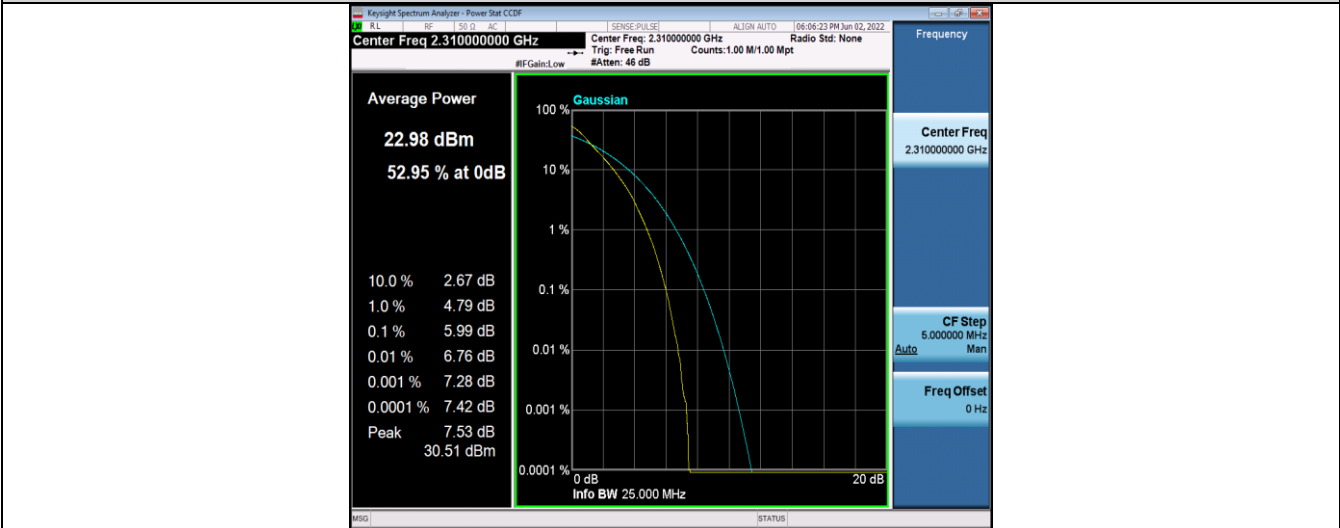
Band30-5MHz-16QAM-27710-25RB#0



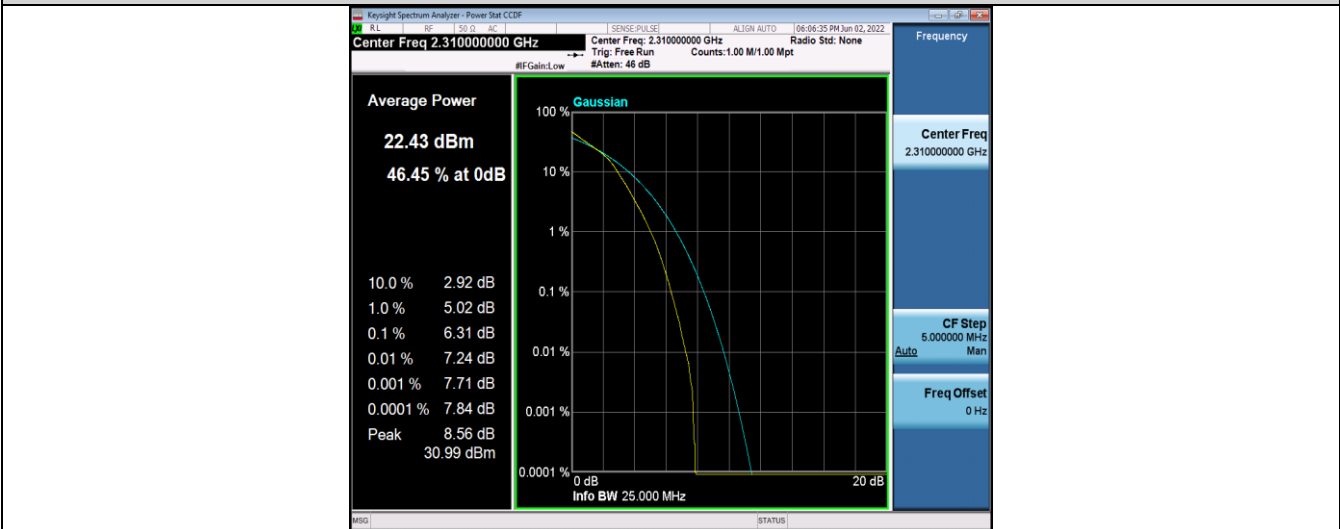
Band30-5MHz-16QAM-27735-25RB#0



Band30-10MHz-QPSK-27710-50RB#0



Band30-10MHz-16QAM-27710-50RB#0



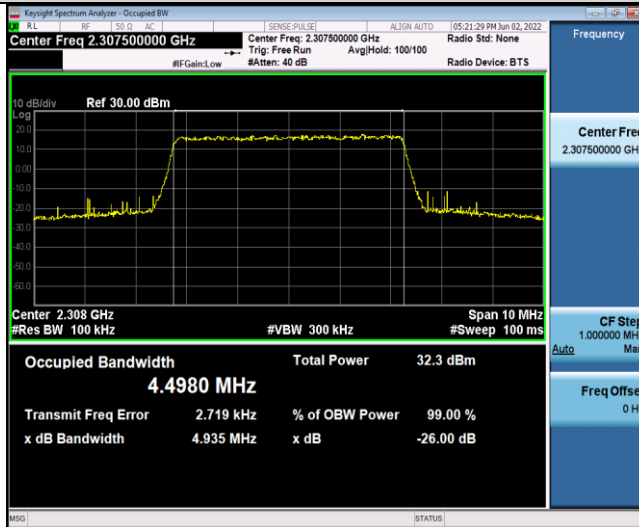
### Appendix C: 26dB Bandwidth and Occupied Bandwidth

#### Test Result

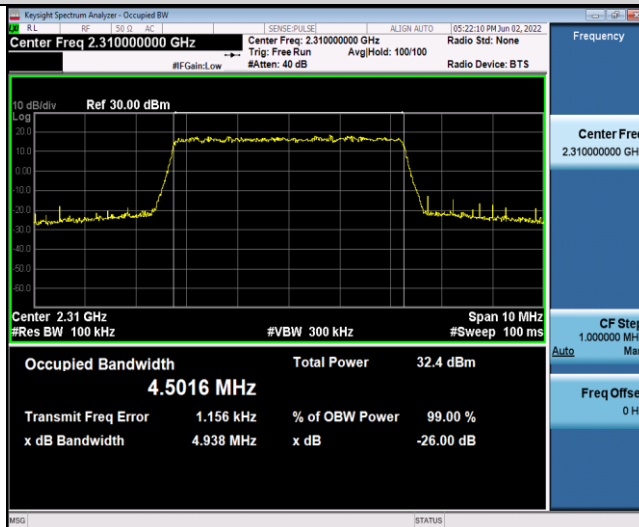
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band30	5MHz	QPSK	27685	25RB#0	4.4980	4.935	PASS
Band30	5MHz	QPSK	27710	25RB#0	4.5016	4.938	PASS
Band30	5MHz	QPSK	27735	25RB#0	4.4838	4.875	PASS
Band30	5MHz	16QAM	27685	25RB#0	4.5024	4.941	PASS
Band30	5MHz	16QAM	27710	25RB#0	4.4800	4.900	PASS
Band30	5MHz	16QAM	27735	25RB#0	4.4936	4.939	PASS
Band30	10MHz	QPSK	27710	50RB#0	8.9682	9.751	PASS
Band30	10MHz	16QAM	27710	50RB#0	8.9582	9.722	PASS

### Test Graphs

Band30-5MHz-QPSK-27685-25RB#0



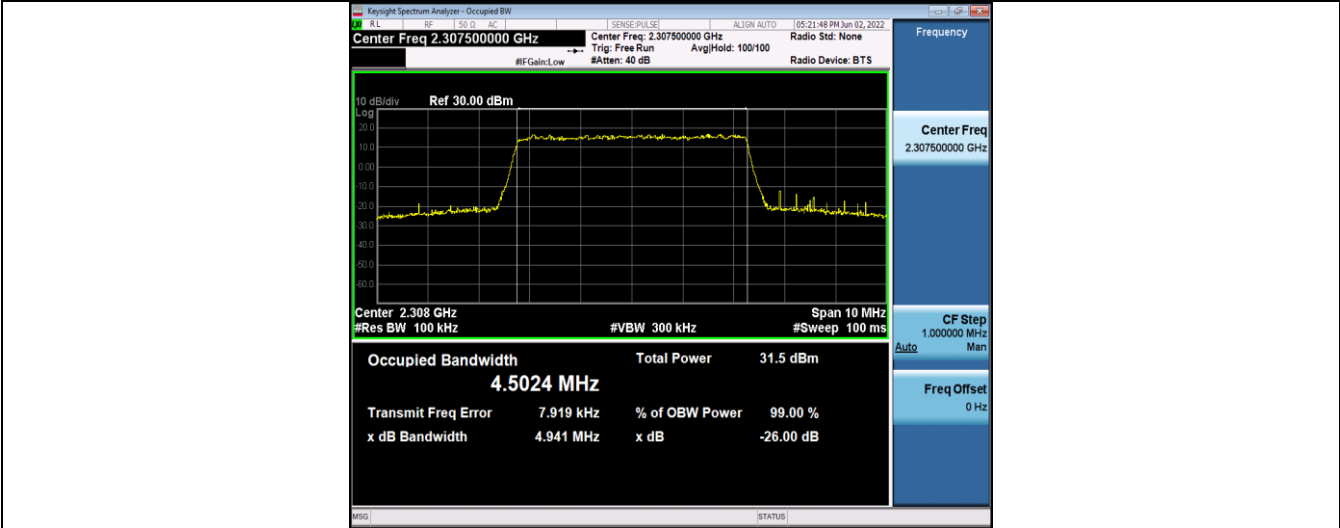
Band30-5MHz-QPSK-27710-25RB#0



Band30-5MHz-QPSK-27735-25RB#0



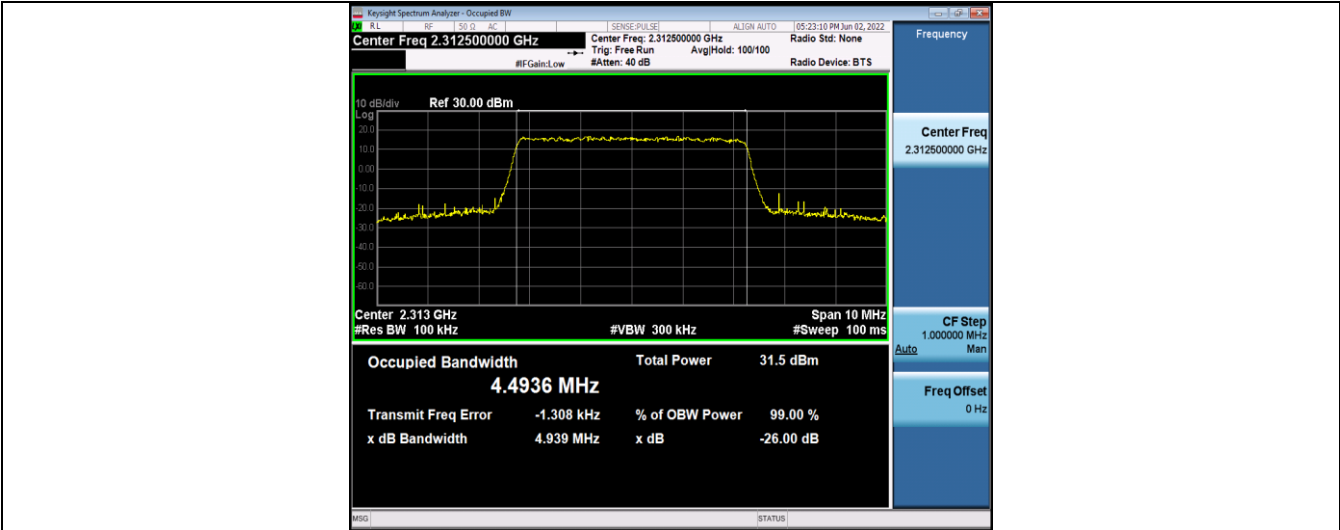
Band30-5MHz-16QAM-27685-25RB#0



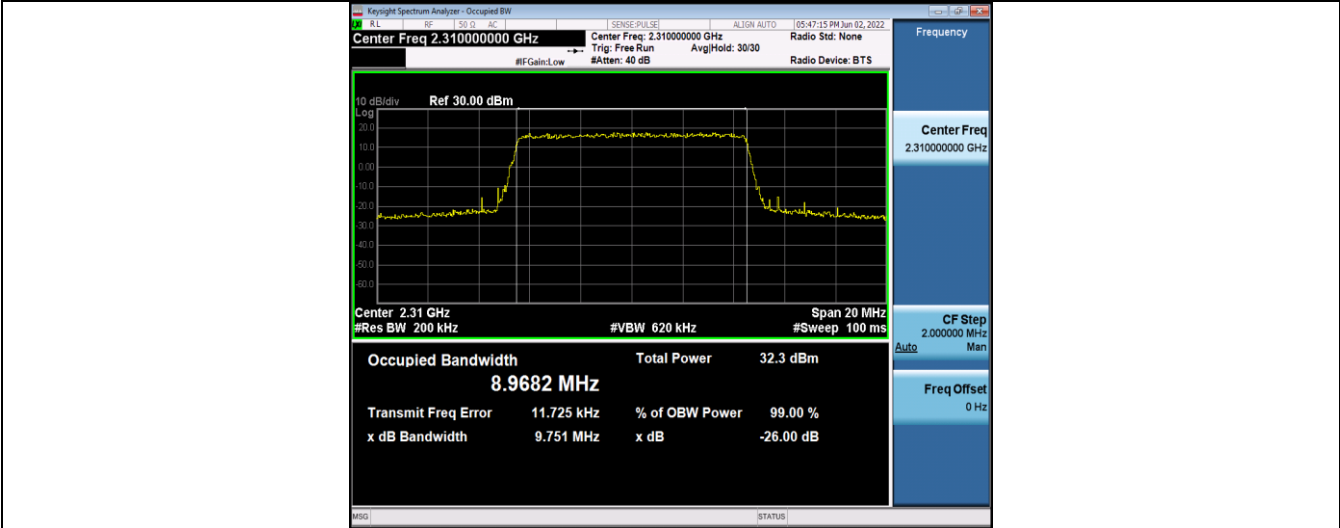
Band30-5MHz-16QAM-27710-25RB#0



Band30-5MHz-16QAM-27735-25RB#0



Band30-10MHz-QPSK-27710-50RB#0



Band30-10MHz-16QAM-27710-50RB#0





# Appendix D: Band Edge

## Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band30	5MHz	QPSK	27685	25RB#0	-27.08	PASS
Band30	5MHz	QPSK	27735	25RB#0	-26.14	PASS
Band30	5MHz	16QAM	27685	25RB#0	-27.39	PASS
Band30	5MHz	16QAM	27735	25RB#0	-27.31	PASS
Band30	10MHz	QPSK	27710	50RB#0	-28.40,-28.92	PASS
Band30	10MHz	16QAM	27710	50RB#0	-28.60,-29.34	PASS

### Test Graphs

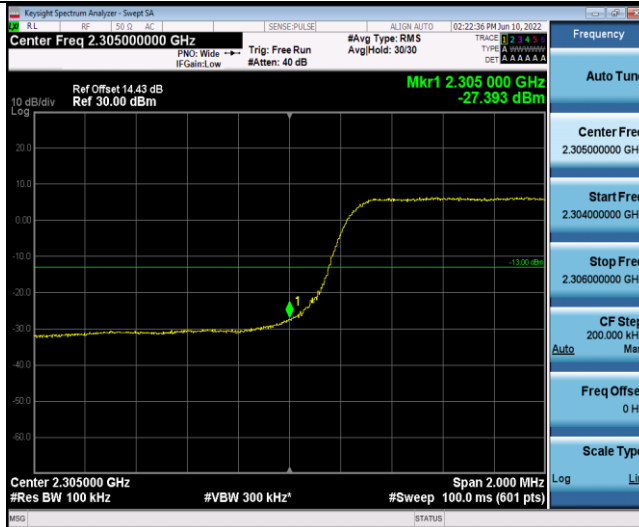
Band30-5MHz-QPSK-27685-25RB#0



Band30-5MHz-QPSK-27735-25RB#0



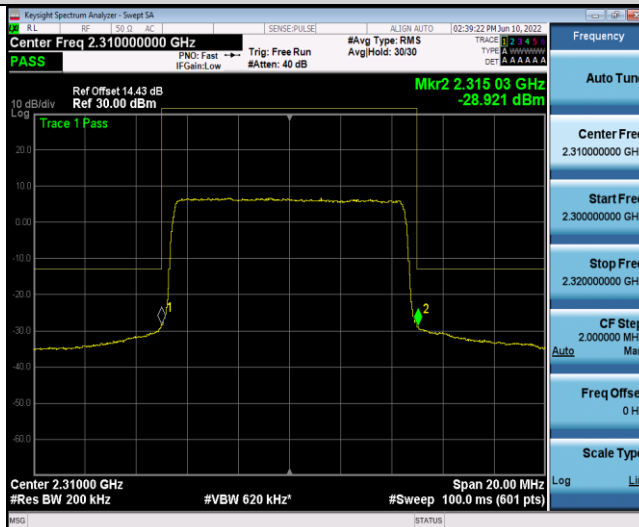
Band30-5MHz-16QAM-27685-25RB#0



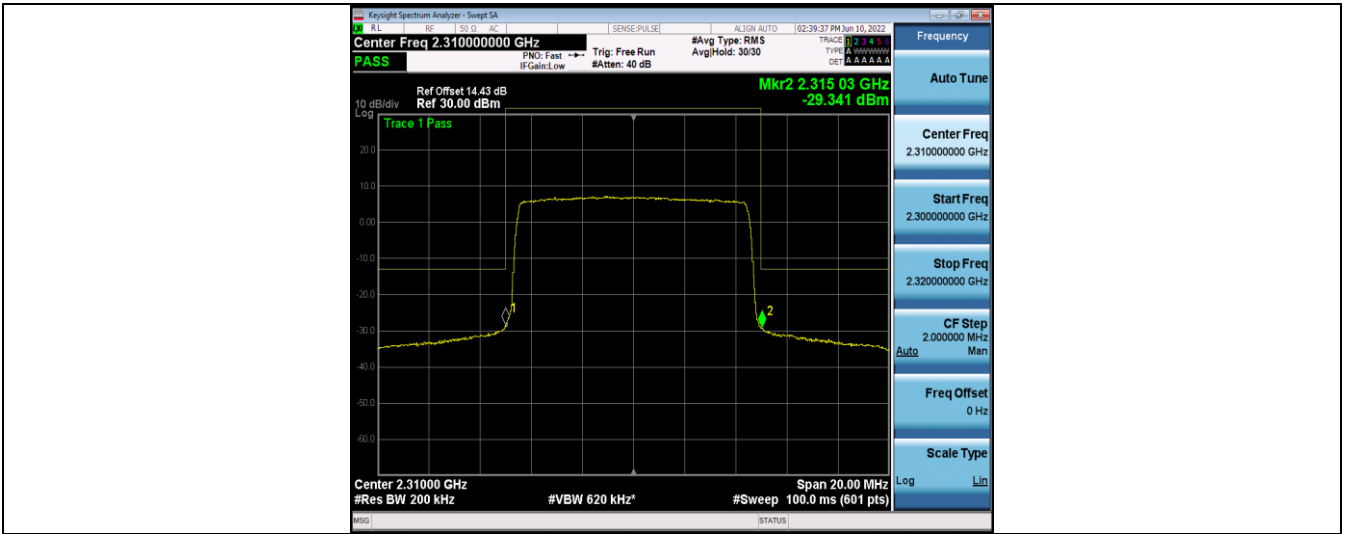
Band30-5MHz-16QAM-27735-25RB#0



Band30-10MHz-QPSK-27710-50RB#0



Band30-10MHz-16QAM-27710-50RB#0



## Appendix E: Conducted Spurious Emission

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band30	5MHz	QPSK	27685	25RB#0	Range1:30~1000MHz	-51.99	PASS
Band30	5MHz	QPSK	27685	25RB#0	Range2:1000~2288MHz	-58.76	PASS
Band30	5MHz	QPSK	27685	25RB#0	Range3:2288~2292MHz	-59.47	PASS
Band30	5MHz	QPSK	27685	25RB#0	Range4:2292~2296MHz	-58.87	PASS
Band30	5MHz	QPSK	27685	25RB#0	Range5:2296~2300MHz	-55.23	PASS
Band30	5MHz	QPSK	27685	25RB#0	Range6:2300~2304MHz	-34.14	PASS
Band30	5MHz	QPSK	27685	25RB#0	Range7:2320~2324MHz	-58.68	PASS
Band30	5MHz	QPSK	27685	25RB#0	Range8:2324~2328MHz	-59.43	PASS
Band30	5MHz	QPSK	27685	25RB#0	Range9:2328~2337MHz	-59.45	PASS
Band30	5MHz	QPSK	27685	25RB#0	Range10:2337~2341MHz	-59.16	PASS
Band30	5MHz	QPSK	27685	25RB#0	Range11:2341~2345MHz	-59.13	PASS
Band30	5MHz	QPSK	27685	25RB#0	Range12:2360~2365MHz	-53	PASS
Band30	5MHz	QPSK	27685	25RB#0	Range13:2365~6000MHz	-57.06	PASS
Band30	5MHz	QPSK	27685	25RB#0	Range14:6000~26500MHz	-42.32	PASS
Band30	5MHz	QPSK	27710	25RB#0	Range1:30~1000MHz	-51.99	PASS
Band30	5MHz	QPSK	27710	25RB#0	Range2:1000~2288MHz	-58.86	PASS
Band30	5MHz	QPSK	27710	25RB#0	Range3:2288~2292MHz	-59.44	PASS
Band30	5MHz	QPSK	27710	25RB#0	Range4:2292~2296MHz	-58.69	PASS
Band30	5MHz	QPSK	27710	25RB#0	Range5:2296~2300MHz	-54.02	PASS
Band30	5MHz	QPSK	27710	25RB#0	Range6:2300~2305MHz	-43.01	PASS
Band30	5MHz	QPSK	27710	25RB#0	Range7:2320~2324MHz	-53.48	PASS
Band30	5MHz	QPSK	27710	25RB#0	Range8:2324~2328MHz	-58.67	PASS
Band30	5MHz	QPSK	27710	25RB#0	Range9:2328~2337MHz	-59.39	PASS
Band30	5MHz	QPSK	27710	25RB#0	Range10:2337~2341MHz	-59.13	PASS
Band30	5MHz	QPSK	27710	25RB#0	Range11:2341~2345MHz	-59.08	PASS
Band30	5MHz	QPSK	27710	25RB#0	Range12:2360~2365MHz	-52.97	PASS
Band30	5MHz	QPSK	27710	25RB#0	Range13:2365~6000MHz	-56.97	PASS
Band30	5MHz	QPSK	27710	25RB#0	Range14:6000~26500MHz	-42.27	PASS
Band30	5MHz	QPSK	27735	25RB#0	Range1:30~1000MHz	-51.53	PASS
Band30	5MHz	QPSK	27735	25RB#0	Range2:1000~2288MHz	-58.8	PASS

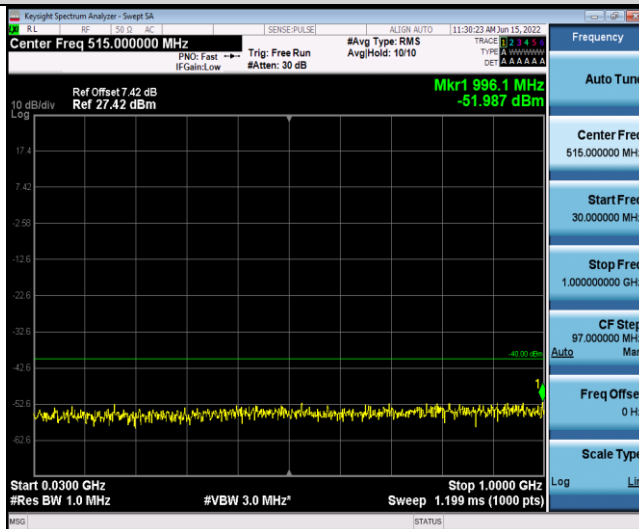
Band30	5MHz	QPSK	27735	25RB#0	Range3:2288~2292MHz	-59.37	PASS
Band30	5MHz	QPSK	27735	25RB#0	Range4:2292~2296MHz	-59.24	PASS
Band30	5MHz	QPSK	27735	25RB#0	Range5:2296~2300MHz	-57.79	PASS
Band30	5MHz	QPSK	27735	25RB#0	Range6:2300~2305MHz	-50.8	PASS
Band30	5MHz	QPSK	27735	25RB#0	Range7:2320~2324MHz	-52.89	PASS
Band30	5MHz	QPSK	27735	25RB#0	Range8:2324~2328MHz	-58.23	PASS
Band30	5MHz	QPSK	27735	25RB#0	Range9:2328~2337MHz	-59.29	PASS
Band30	5MHz	QPSK	27735	25RB#0	Range10:2337~2341MHz	-59.08	PASS
Band30	5MHz	QPSK	27735	25RB#0	Range11:2341~2345MHz	-59.05	PASS
Band30	5MHz	QPSK	27735	25RB#0	Range12:2360~2365MHz	-52.91	PASS
Band30	5MHz	QPSK	27735	25RB#0	Range13:2365~6000MHz	-56.91	PASS
Band30	5MHz	QPSK	27735	25RB#0	Range14:6000~26500MHz	-42.1	PASS
Band30	5MHz	16QAM	27685	25RB#0	Range1:30~1000MHz	-51.89	PASS
Band30	5MHz	16QAM	27685	25RB#0	Range2:1000~2288MHz	-58.99	PASS
Band30	5MHz	16QAM	27685	25RB#0	Range3:2288~2292MHz	-59.45	PASS
Band30	5MHz	16QAM	27685	25RB#0	Range4:2292~2296MHz	-58.9	PASS
Band30	5MHz	16QAM	27685	25RB#0	Range5:2296~2300MHz	-53.58	PASS
Band30	5MHz	16QAM	27685	25RB#0	Range6:2300~2304MHz	-33.93	PASS
Band30	5MHz	16QAM	27685	25RB#0	Range7:2320~2324MHz	-58.7	PASS
Band30	5MHz	16QAM	27685	25RB#0	Range8:2324~2328MHz	-59.46	PASS
Band30	5MHz	16QAM	27685	25RB#0	Range9:2328~2337MHz	-59.42	PASS
Band30	5MHz	16QAM	27685	25RB#0	Range10:2337~2341MHz	-59.15	PASS
Band30	5MHz	16QAM	27685	25RB#0	Range11:2341~2345MHz	-59.15	PASS
Band30	5MHz	16QAM	27685	25RB#0	Range12:2360~2365MHz	-53.02	PASS
Band30	5MHz	16QAM	27685	25RB#0	Range13:2365~6000MHz	-57.11	PASS
Band30	5MHz	16QAM	27685	25RB#0	Range14:6000~26500MHz	-42.39	PASS
Band30	5MHz	16QAM	27710	25RB#0	Range1:30~1000MHz	-52.17	PASS
Band30	5MHz	16QAM	27710	25RB#0	Range2:1000~2288MHz	-59.24	PASS
Band30	5MHz	16QAM	27710	25RB#0	Range3:2288~2292MHz	-59.4	PASS
Band30	5MHz	16QAM	27710	25RB#0	Range4:2292~2296MHz	-59.1	PASS
Band30	5MHz	16QAM	27710	25RB#0	Range5:2296~2300MHz	-55.89	PASS
Band30	5MHz	16QAM	27710	25RB#0	Range6:2300~2305MHz	-44.53	PASS
Band30	5MHz	16QAM	27710	25RB#0	Range7:2320~2324MHz	-55.7	PASS
Band30	5MHz	16QAM	27710	25RB#0	Range8:2324~2328MHz	-59.25	PASS
Band30	5MHz	16QAM	27710	25RB#0	Range9:2328~2337MHz	-59.4	PASS
Band30	5MHz	16QAM	27710	25RB#0	Range10:2337~2341MHz	-59.11	PASS
Band30	5MHz	16QAM	27710	25RB#0	Range11:2341~2345MHz	-58.86	PASS

Band30	5MHz	16QAM	27710	25RB#0	Range12:2360~2365MHz	-52.94	PASS
Band30	5MHz	16QAM	27710	25RB#0	Range13:2365~6000MHz	-56.98	PASS
Band30	5MHz	16QAM	27710	25RB#0	Range14:6000~26500MHz	-42.24	PASS
Band30	5MHz	16QAM	27735	25RB#0	Range1:30~1000MHz	-51.51	PASS
Band30	5MHz	16QAM	27735	25RB#0	Range2:1000~2288MHz	-58.65	PASS
Band30	5MHz	16QAM	27735	25RB#0	Range3:2288~2292MHz	-59.35	PASS
Band30	5MHz	16QAM	27735	25RB#0	Range4:2292~2296MHz	-59.33	PASS
Band30	5MHz	16QAM	27735	25RB#0	Range5:2296~2300MHz	-57.82	PASS
Band30	5MHz	16QAM	27735	25RB#0	Range6:2300~2305MHz	-50.31	PASS
Band30	5MHz	16QAM	27735	25RB#0	Range7:2320~2324MHz	-51.73	PASS
Band30	5MHz	16QAM	27735	25RB#0	Range8:2324~2328MHz	-58.36	PASS
Band30	5MHz	16QAM	27735	25RB#0	Range9:2328~2337MHz	-59.32	PASS
Band30	5MHz	16QAM	27735	25RB#0	Range10:2337~2341MHz	-59.03	PASS
Band30	5MHz	16QAM	27735	25RB#0	Range11:2341~2345MHz	-59.02	PASS
Band30	5MHz	16QAM	27735	25RB#0	Range12:2360~2365MHz	-52.89	PASS
Band30	5MHz	16QAM	27735	25RB#0	Range13:2365~6000MHz	-56.87	PASS
Band30	5MHz	16QAM	27735	25RB#0	Range14:6000~26500MHz	-42.14	PASS
Band30	10MHz	QPSK	27710	50RB#0	Range1:30~1000MHz	-52.1	PASS
Band30	10MHz	QPSK	27710	50RB#0	Range2:1000~2288MHz	-55.07	PASS
Band30	10MHz	QPSK	27710	50RB#0	Range3:2288~2292MHz	-43.53	PASS
Band30	10MHz	QPSK	27710	50RB#0	Range4:2292~2296MHz	-40.32	PASS
Band30	10MHz	QPSK	27710	50RB#0	Range5:2296~2300MHz	-30.58	PASS
Band30	10MHz	QPSK	27710	50RB#0	Range6:2300~2304MHz	-26.26	PASS
Band30	10MHz	QPSK	27710	50RB#0	Range7:2320~2324MHz	-30.63	PASS
Band30	10MHz	QPSK	27710	50RB#0	Range8:2324~2328MHz	-43.51	PASS
Band30	10MHz	QPSK	27710	50RB#0	Range9:2328~2337MHz	-48	PASS
Band30	10MHz	QPSK	27710	50RB#0	Range10:2337~2341MHz	-58.78	PASS
Band30	10MHz	QPSK	27710	50RB#0	Range11:2341~2345MHz	-58.78	PASS
Band30	10MHz	QPSK	27710	50RB#0	Range12:2360~2365MHz	-52.9	PASS
Band30	10MHz	QPSK	27710	50RB#0	Range13:2365~6000MHz	-56.76	PASS
Band30	10MHz	QPSK	27710	50RB#0	Range14:6000~26500MHz	-42.3	PASS
Band30	10MHz	16QAM	27710	50RB#0	Range1:30~1000MHz	-52.56	PASS
Band30	10MHz	16QAM	27710	50RB#0	Range2:1000~2288MHz	-54.06	PASS
Band30	10MHz	16QAM	27710	50RB#0	Range3:2288~2292MHz	-45.57	PASS
Band30	10MHz	16QAM	27710	50RB#0	Range4:2292~2296MHz	-39.31	PASS
Band30	10MHz	16QAM	27710	50RB#0	Range5:2296~2300MHz	-31.85	PASS
Band30	10MHz	16QAM	27710	50RB#0	Range6:2300~2304MHz	-25.75	PASS

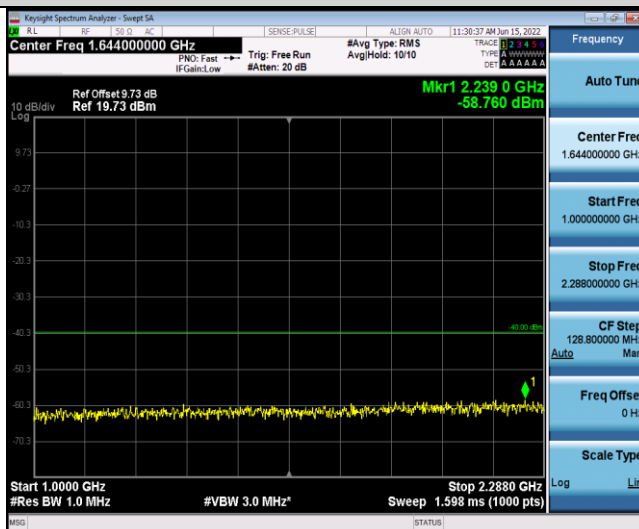
Band30	10MHz	16QAM	27710	50RB#0	Range7:2320~2324MHz	-32.33	PASS
Band30	10MHz	16QAM	27710	50RB#0	Range8:2324~2328MHz	-42.01	PASS
Band30	10MHz	16QAM	27710	50RB#0	Range9:2328~2337MHz	-49.49	PASS
Band30	10MHz	16QAM	27710	50RB#0	Range10:2337~2341MHz	-58.86	PASS
Band30	10MHz	16QAM	27710	50RB#0	Range11:2341~2345MHz	-58.85	PASS
Band30	10MHz	16QAM	27710	50RB#0	Range12:2360~2365MHz	-52.93	PASS
Band30	10MHz	16QAM	27710	50RB#0	Range13:2365~6000MHz	-57.02	PASS
Band30	10MHz	16QAM	27710	50RB#0	Range14:6000~26500MHz	-42.33	PASS

### Test Graphs

Band30-5MHz-QPSK-27685-25RB#0-Range1:30~1000MHz

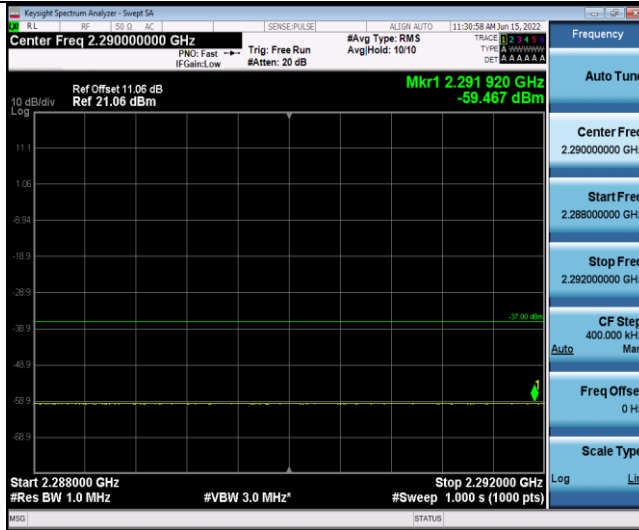


Band30-5MHz-QPSK-27685-25RB#0-Range2:1000~2288MHz

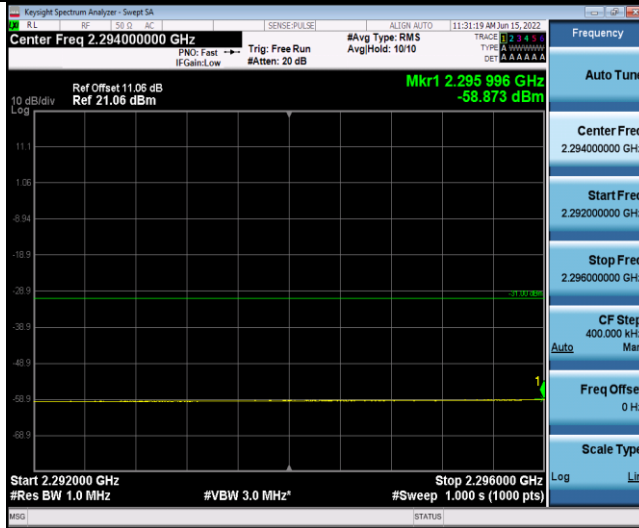


Band30-5MHz-QPSK-27685-25RB#0-Range3:2288~2292MHz





Band30-5MHz-QPSK-27685-25RB#0-Range4:2292~2296MHz



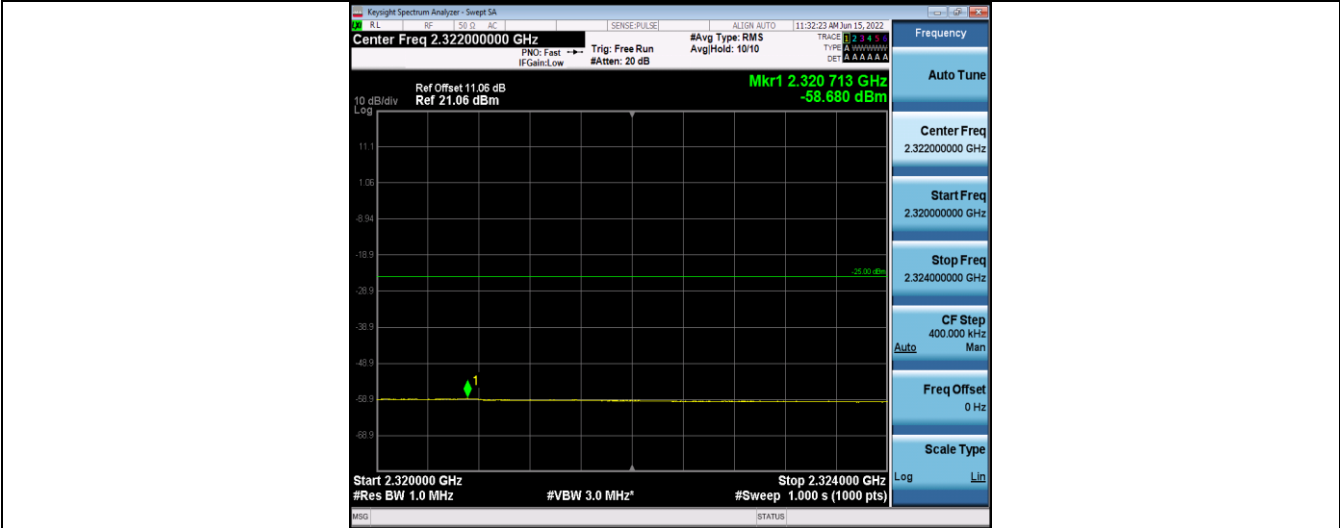
Band30-5MHz-QPSK-27685-25RB#0-Range5:2296~2300MHz



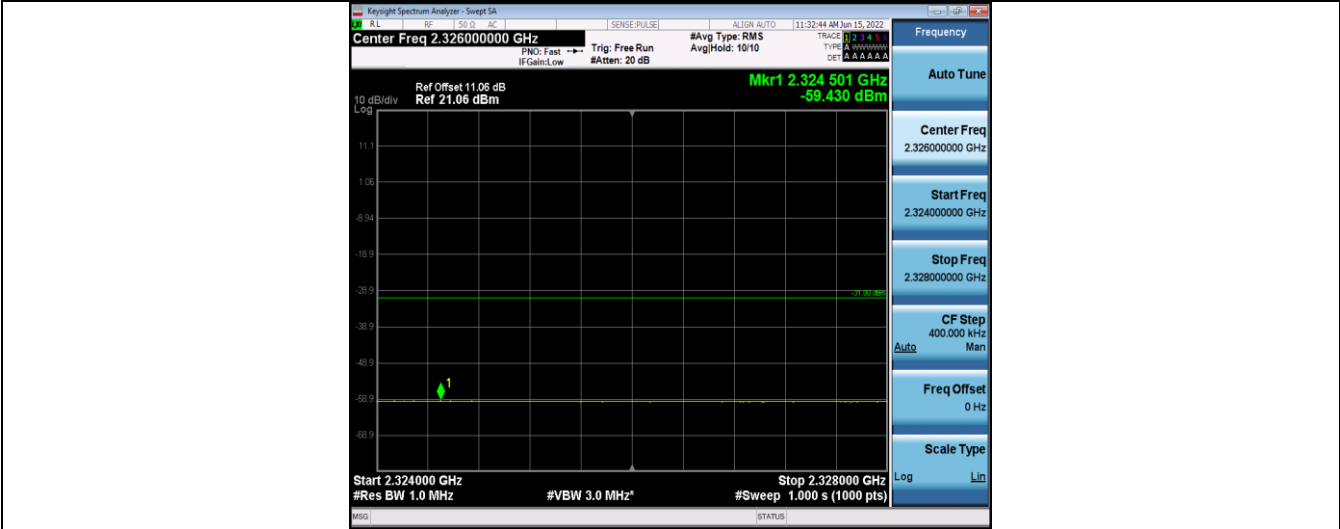
Band30-5MHz-QPSK-27685-25RB#0-Range6:2300~2304MHz



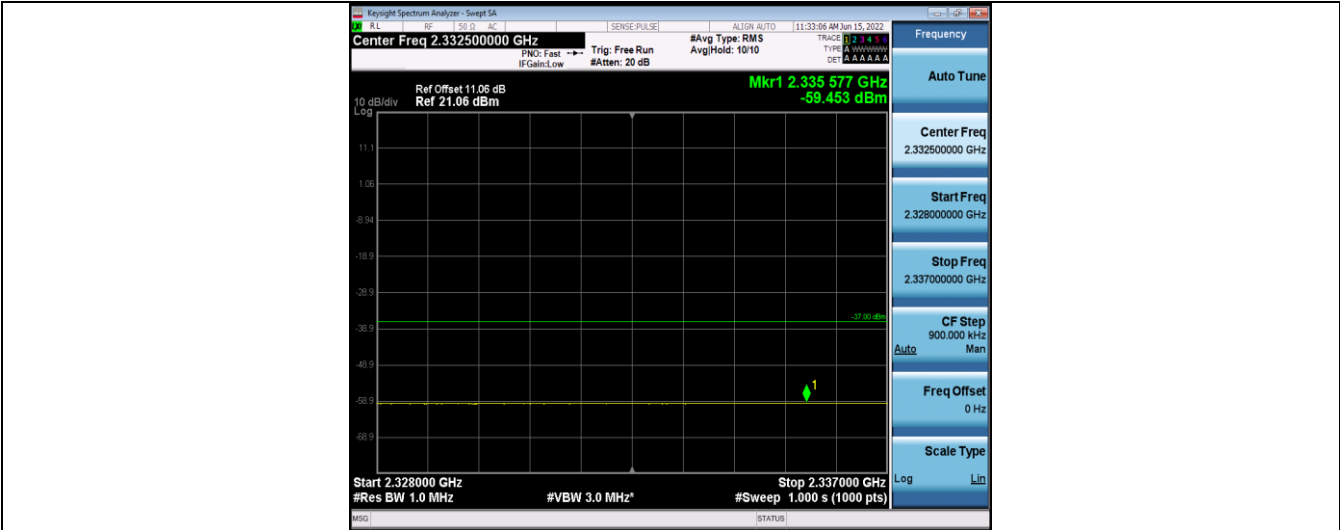
Band30-5MHz-QPSK-27685-25RB#0-Range7:2320~2324MHz



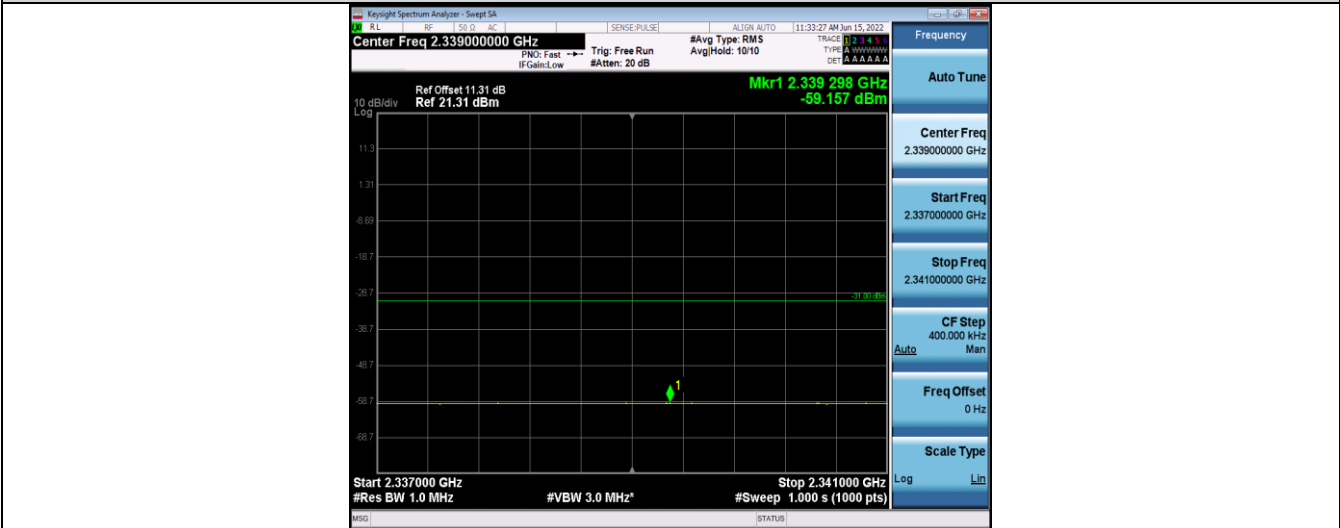
Band30-5MHz-QPSK-27685-25RB#0-Range8:2324~2328MHz



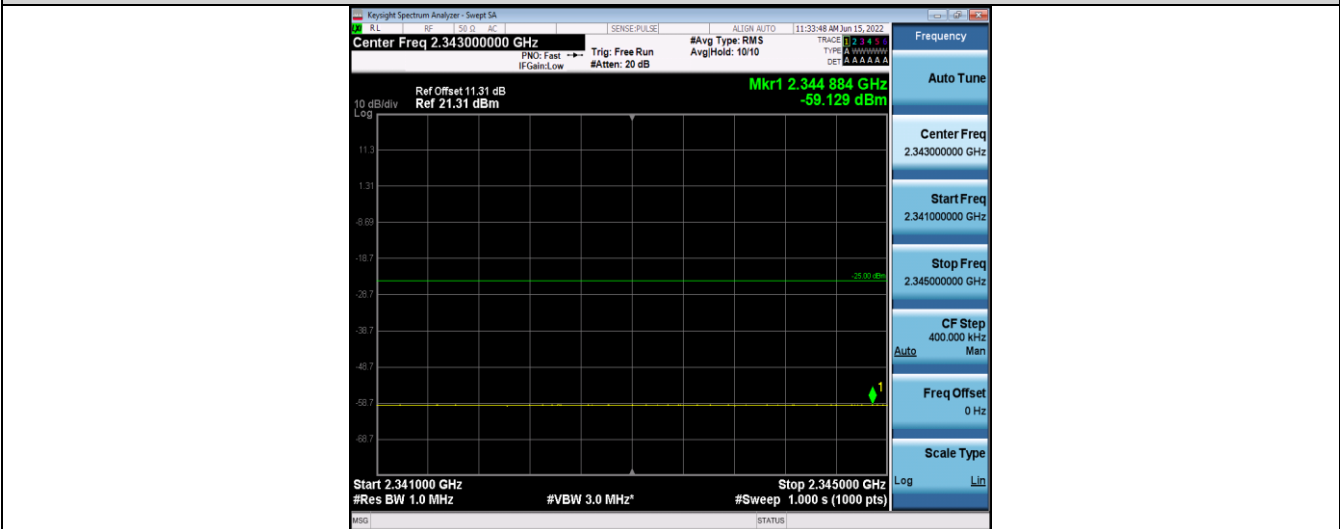
Band30-5MHz-QPSK-27685-25RB#0-Range9:2328~2337MHz



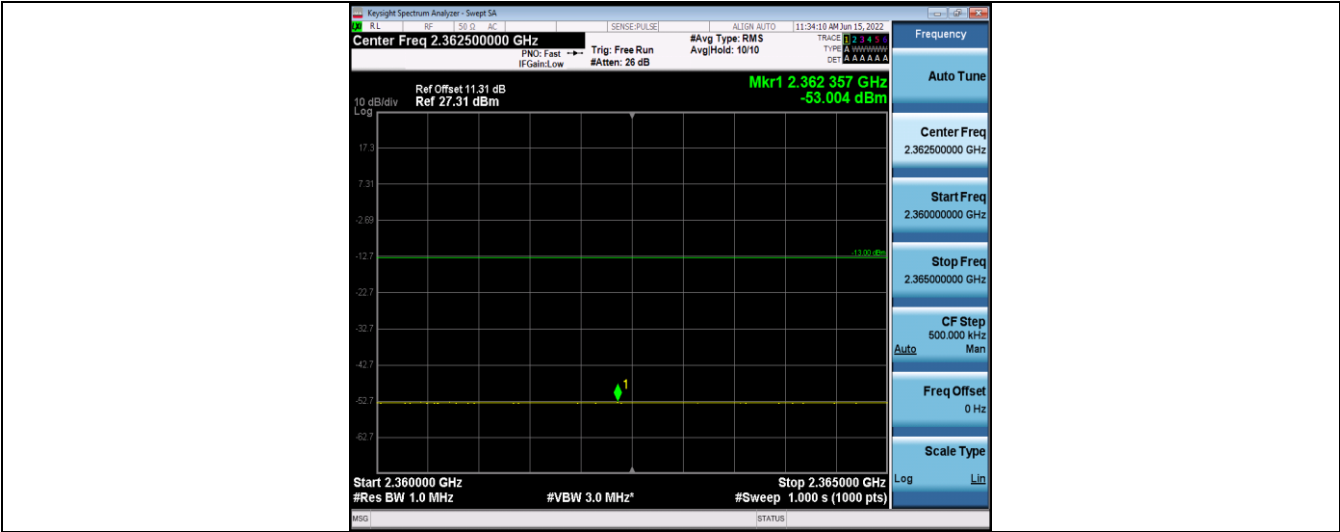
Band30-5MHz-QPSK-27685-25RB#0-Range10:2337~2341MHz



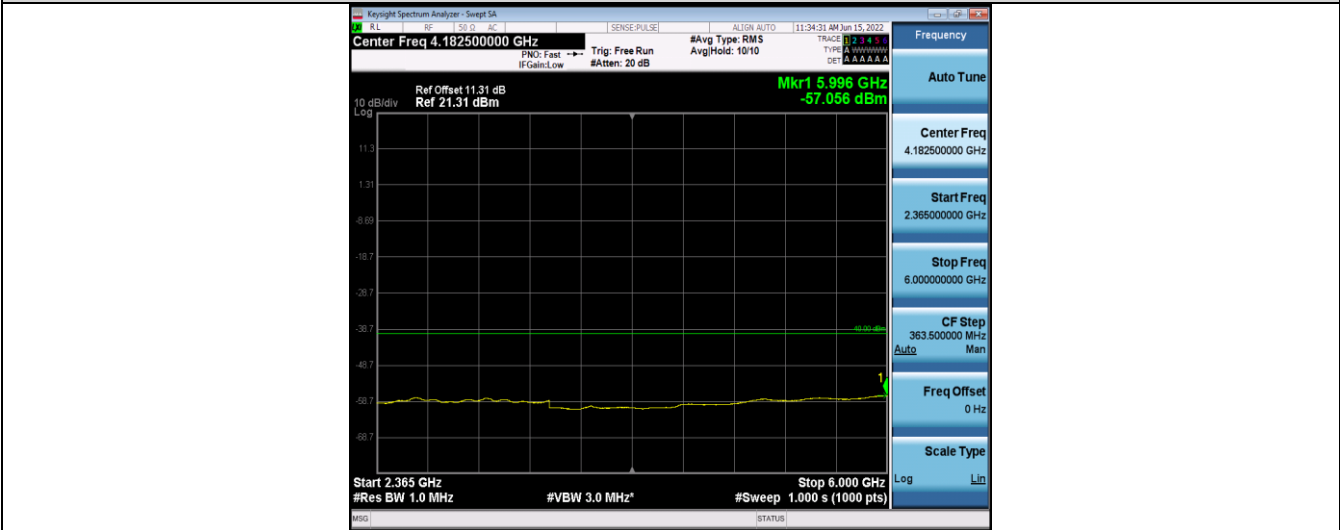
Band30-5MHz-QPSK-27685-25RB#0-Range11:2341~2345MHz



Band30-5MHz-QPSK-27685-25RB#0-Range12:2360~2365MHz



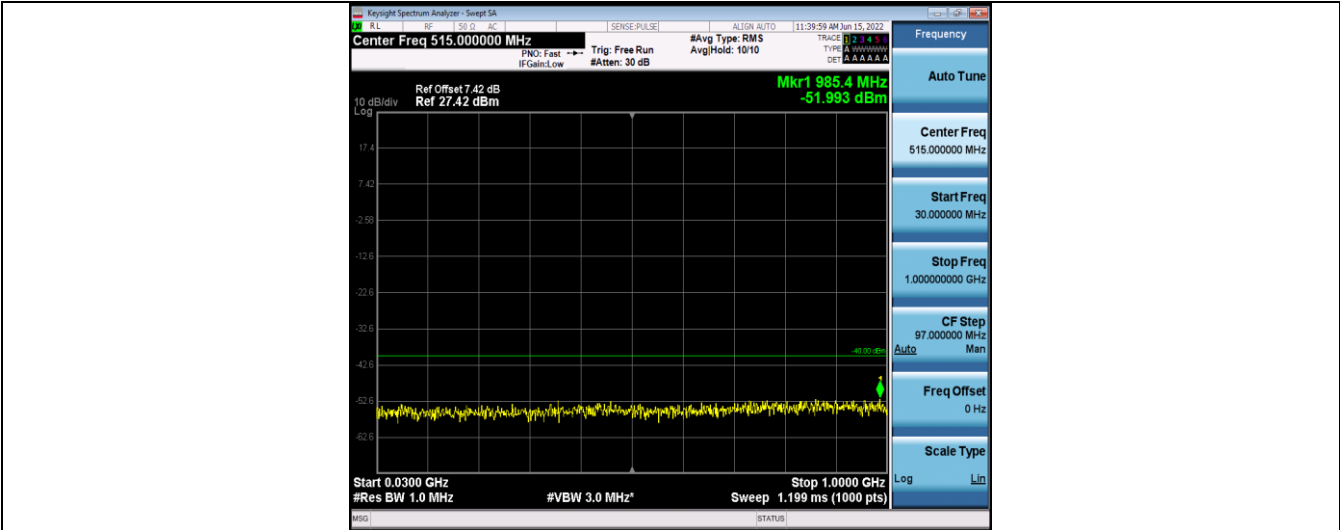
Band30-5MHz-QPSK-27685-25RB#0-Range13:2365~6000MHz



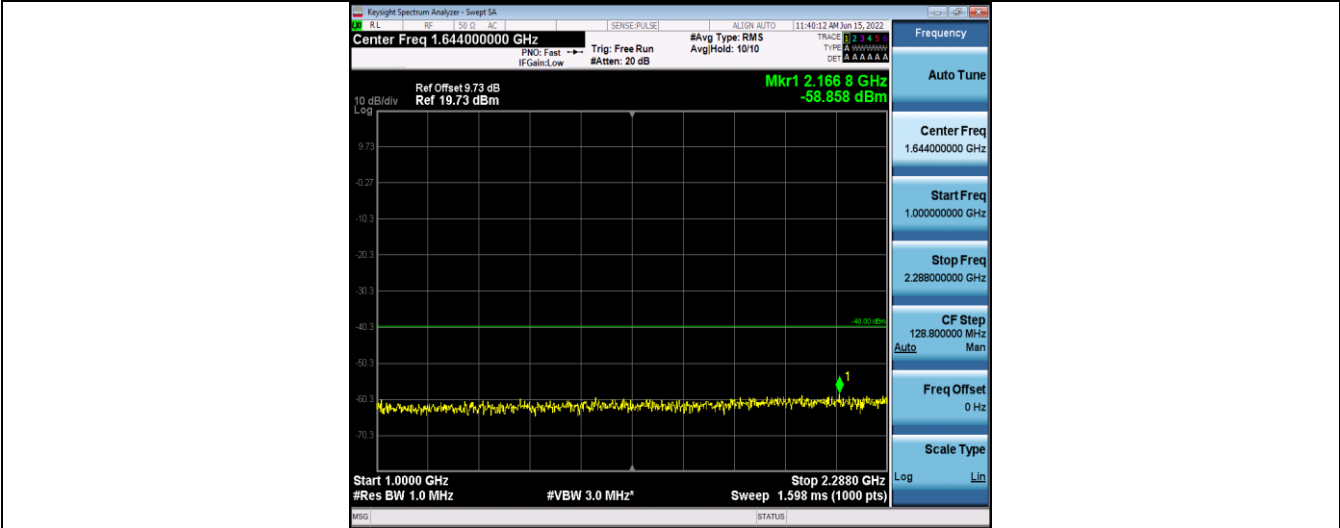
Band30-5MHz-QPSK-27685-25RB#0-Range14:6000~26500MHz



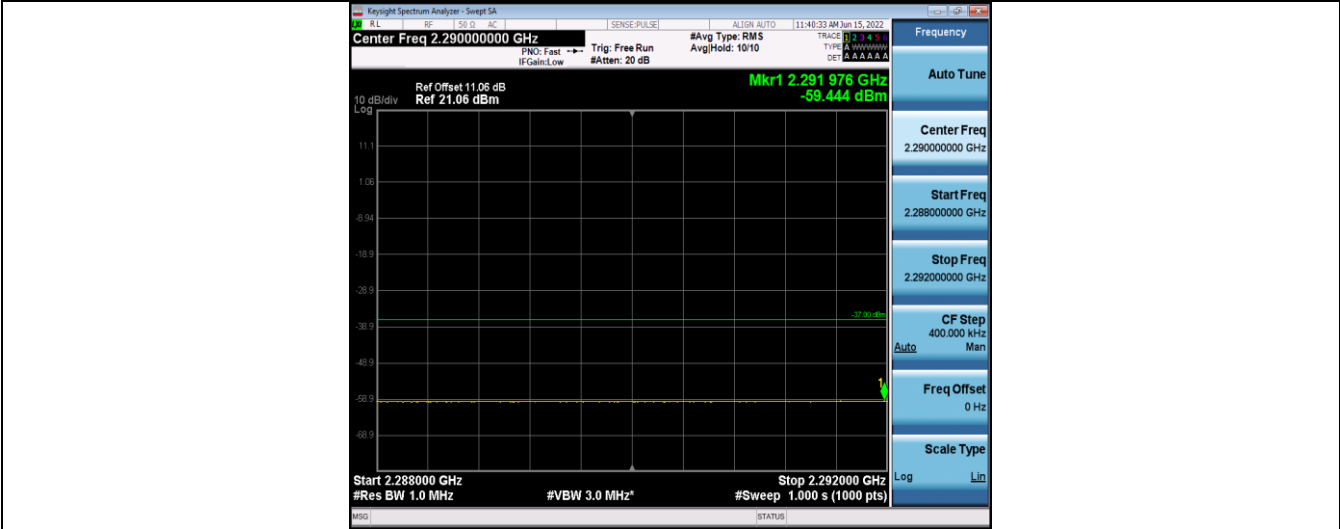
Band30-5MHz-QPSK-27710-25RB#0-Range1:30~1000MHz



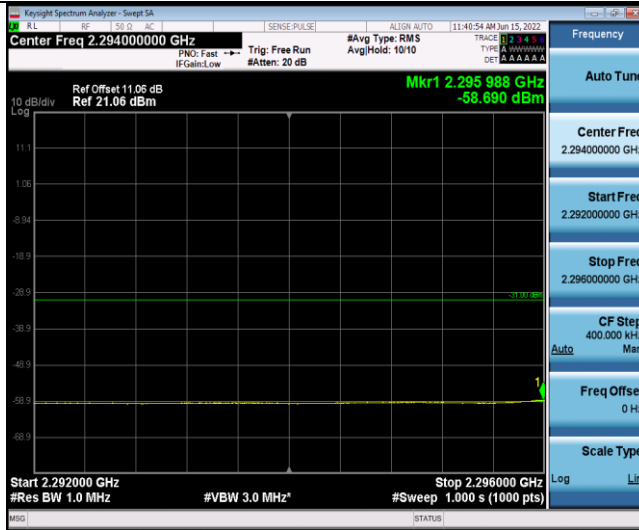
Band30-5MHz-QPSK-27710-25RB#0-Range2:1000~2288MHz



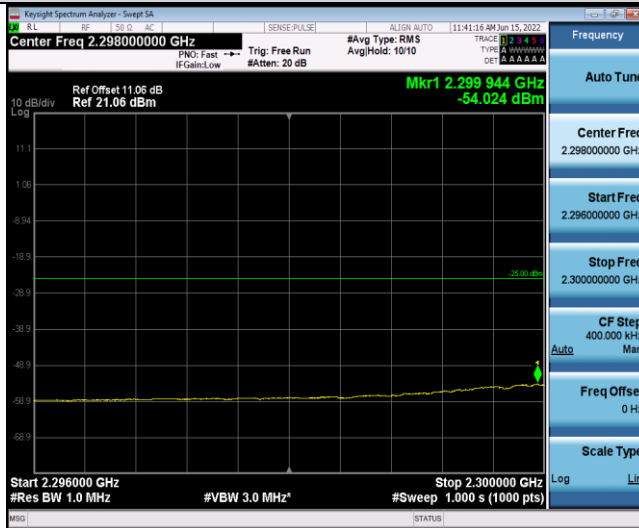
Band30-5MHz-QPSK-27710-25RB#0-Range3:2288~2292MHz



Band30-5MHz-QPSK-27710-25RB#0-Range4:2292~2296MHz



Band30-5MHz-QPSK-27710-25RB#0-Range5:2296~2300MHz



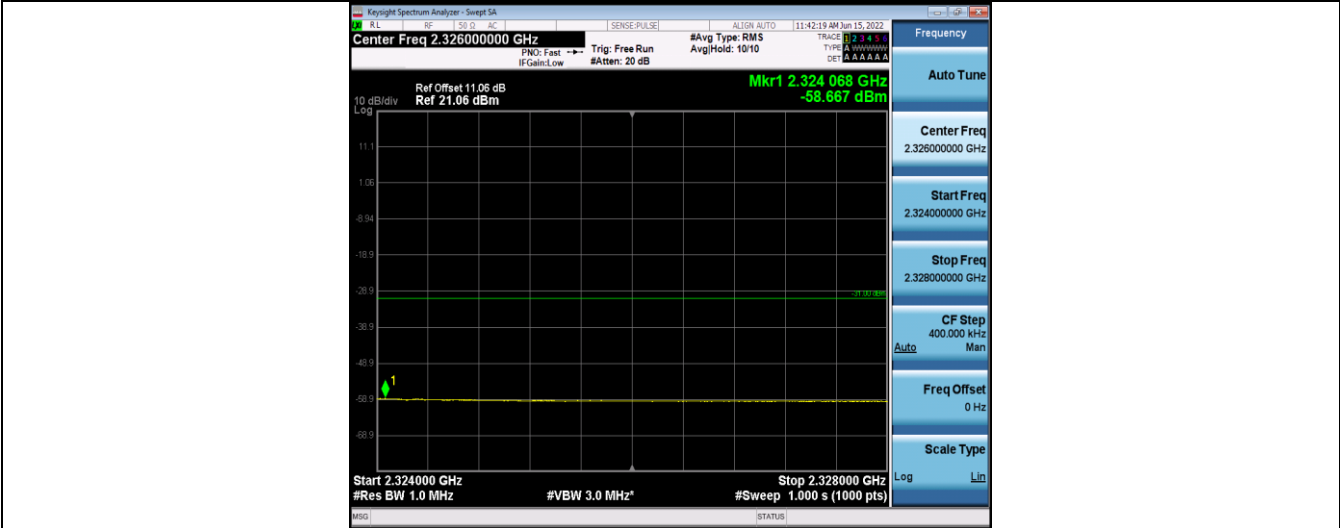
Band30-5MHz-QPSK-27710-25RB#0-Range6:2300~2305MHz



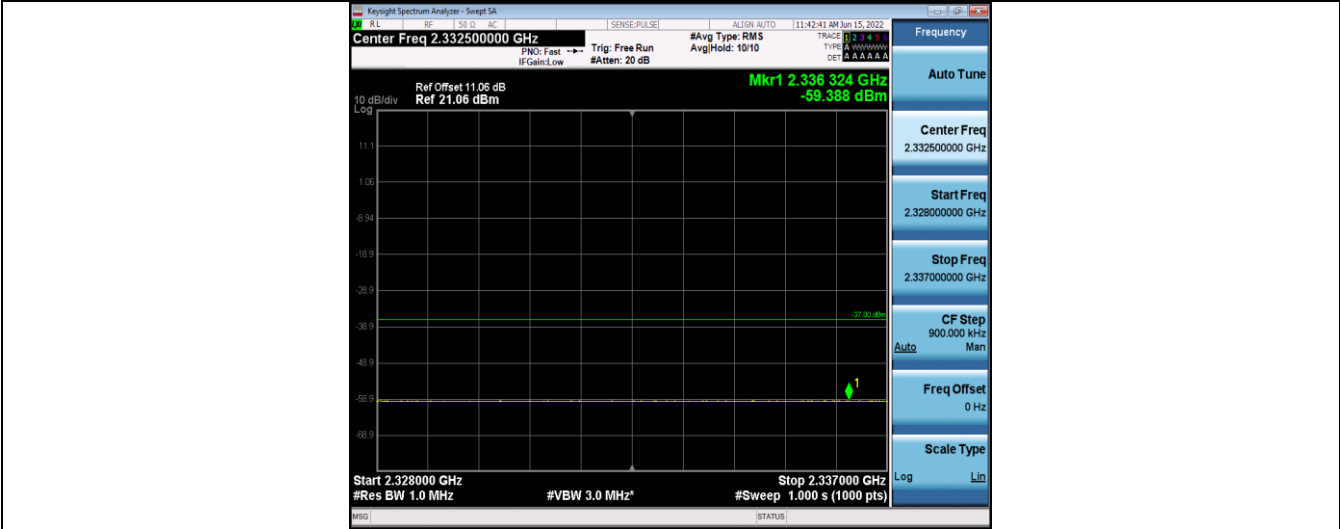
Band30-5MHz-QPSK-27710-25RB#0-Range7:2320~2324MHz



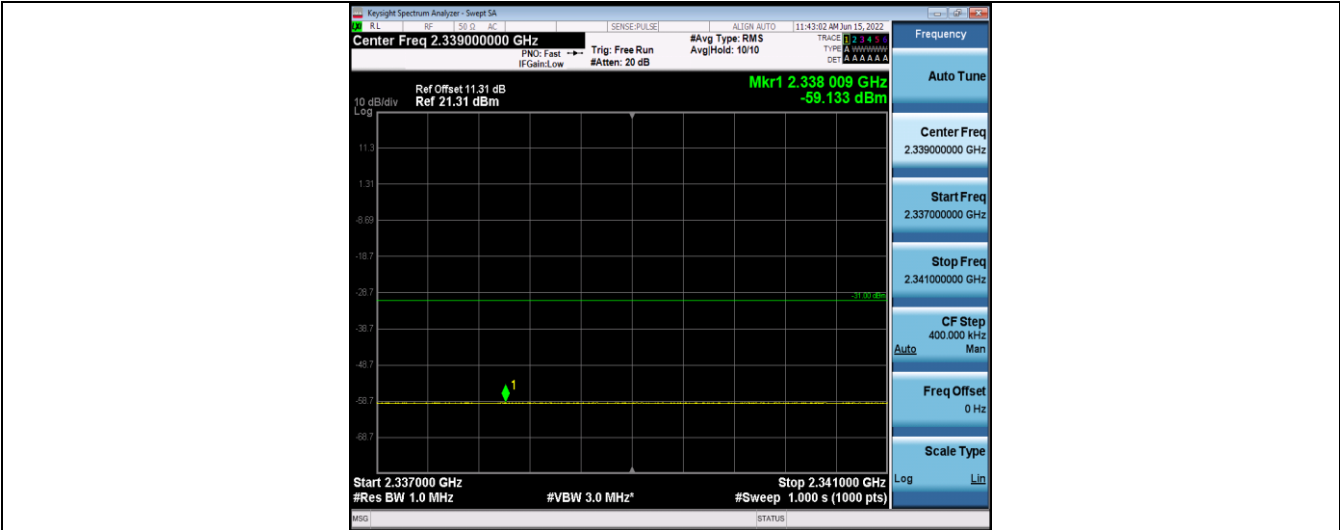
Band30-5MHz-QPSK-27710-25RB#0-Range8:2324~2328MHz



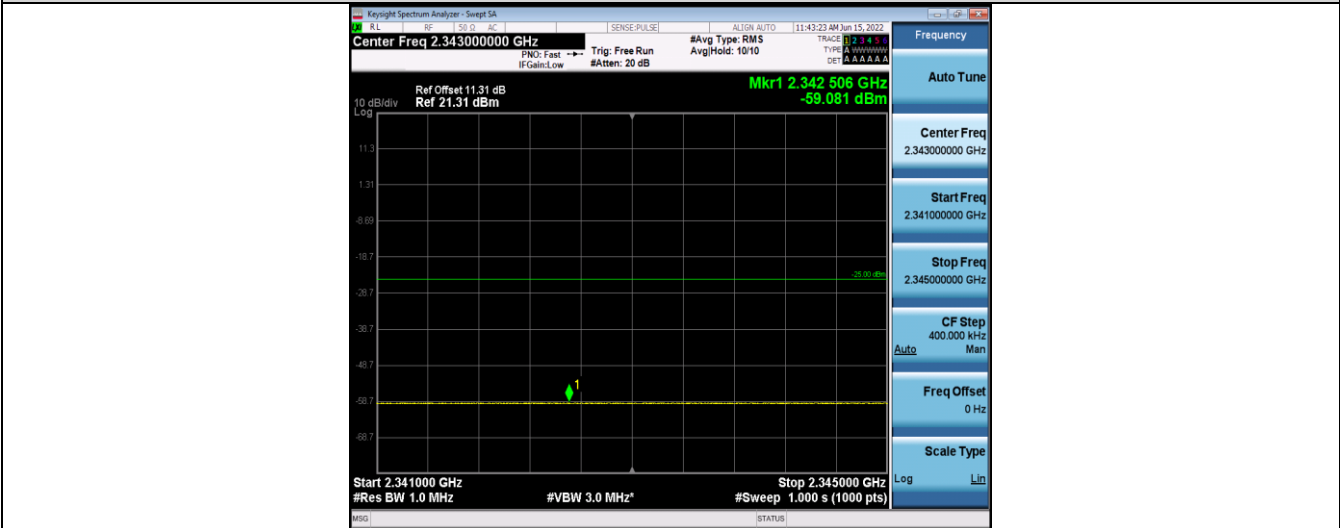
Band30-5MHz-QPSK-27710-25RB#0-Range9:2328~2337MHz



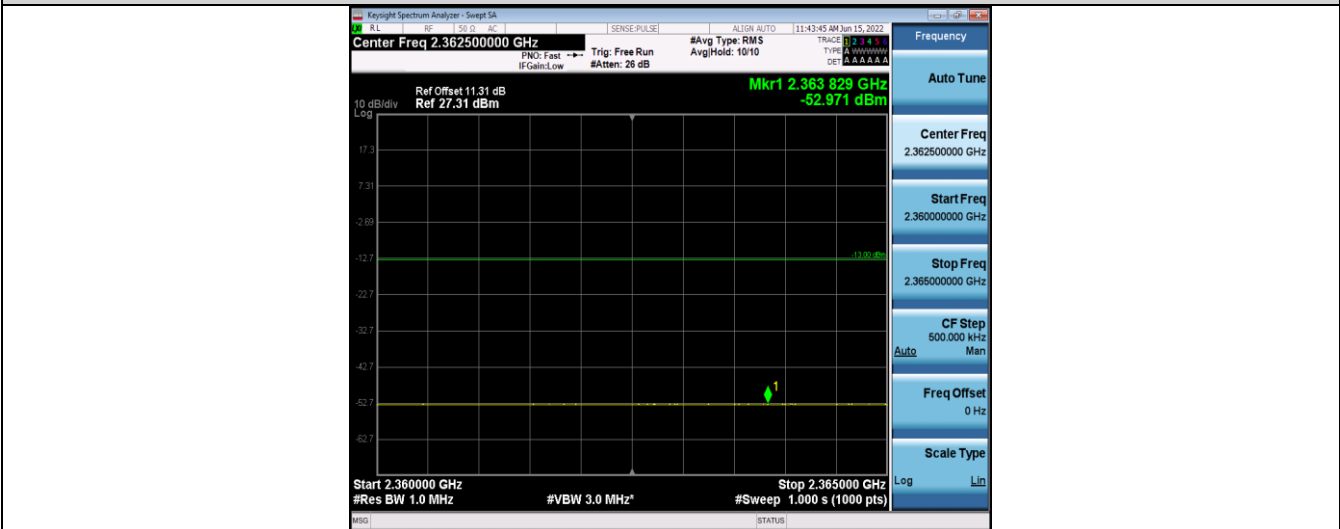
Band30-5MHz-QPSK-27710-25RB#0-Range10:2337~2341MHz



Band30-5MHz-QPSK-27710-25RB#0-Range11:2341~2345MHz

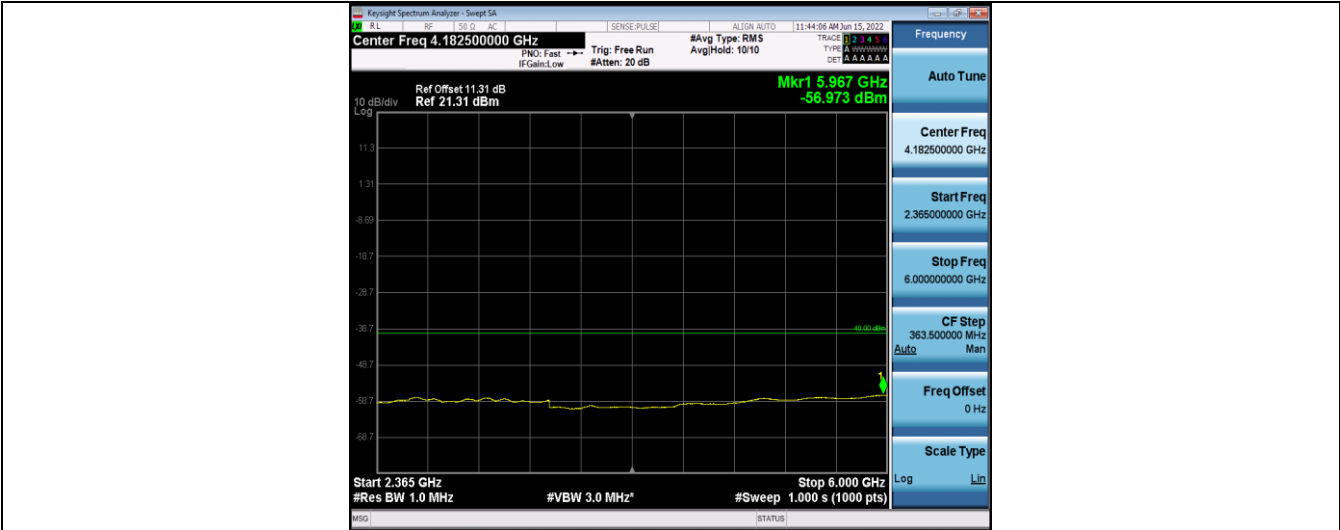


Band30-5MHz-QPSK-27710-25RB#0-Range12:2360~2365MHz



Band30-5MHz-QPSK-27710-25RB#0-Range13:2365~6000MHz

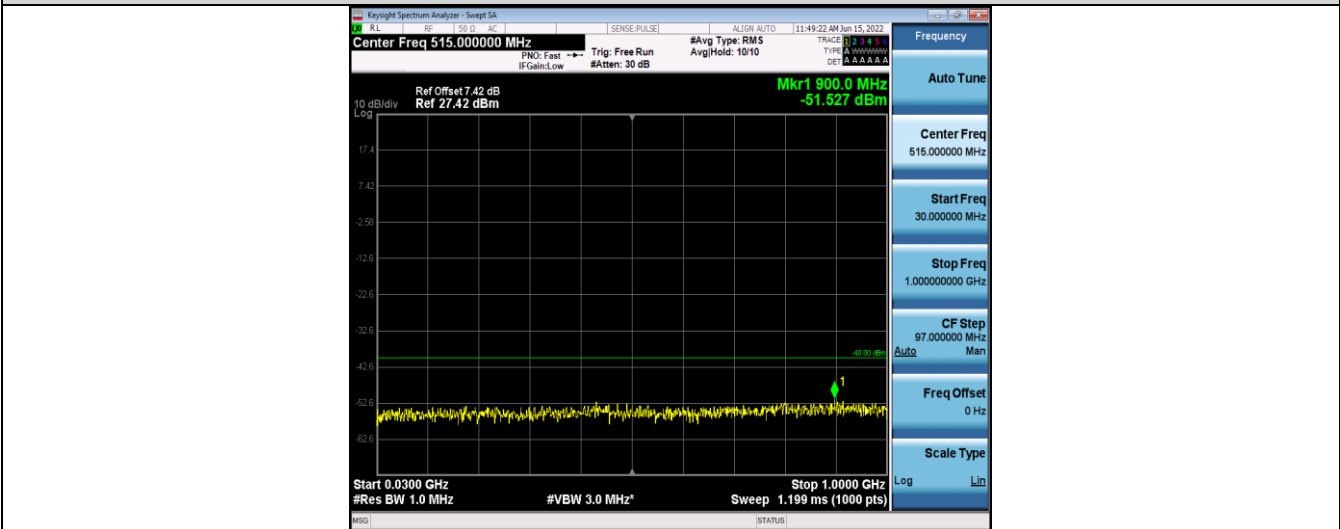




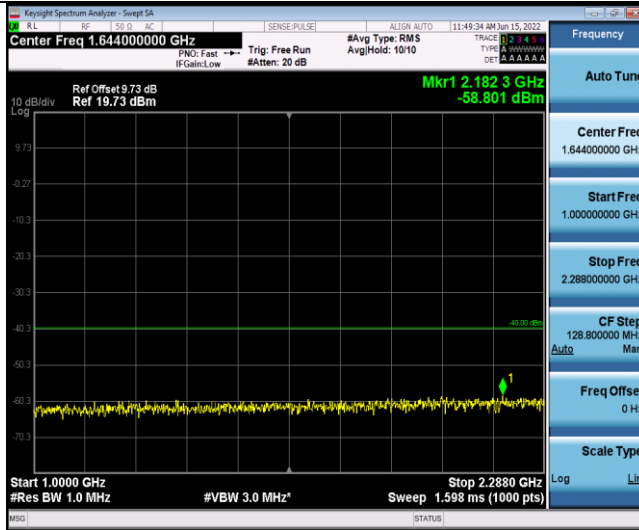
Band30-5MHz-QPSK-27710-25RB#0-Range14:6000~26500MHz



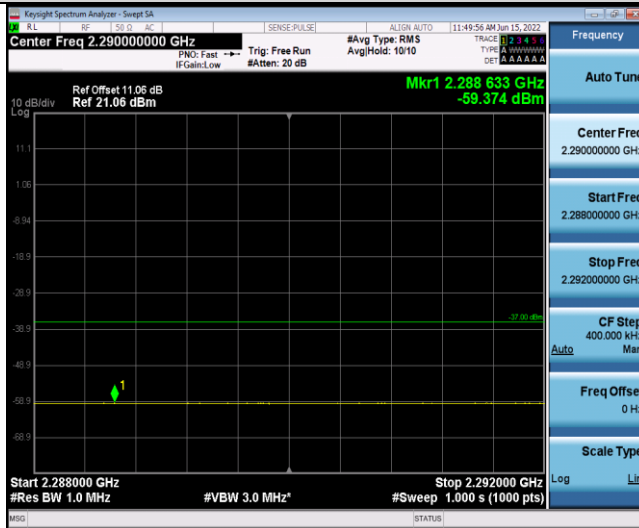
Band30-5MHz-QPSK-27735-25RB#0-Range1:30~1000MHz



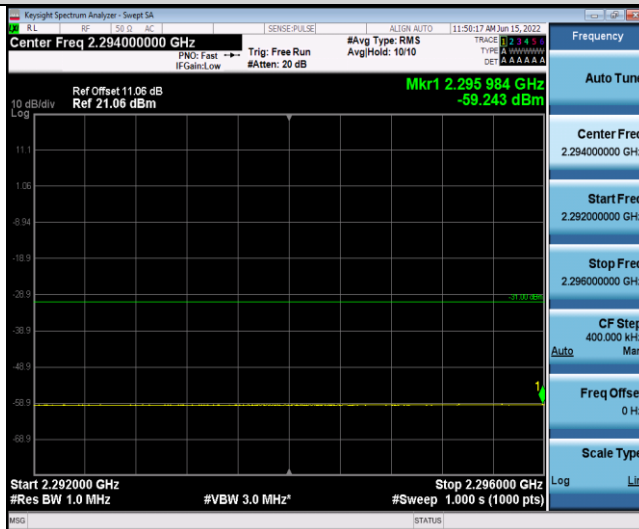
Band30-5MHz-QPSK-27735-25RB#0-Range2:1000~2288MHz



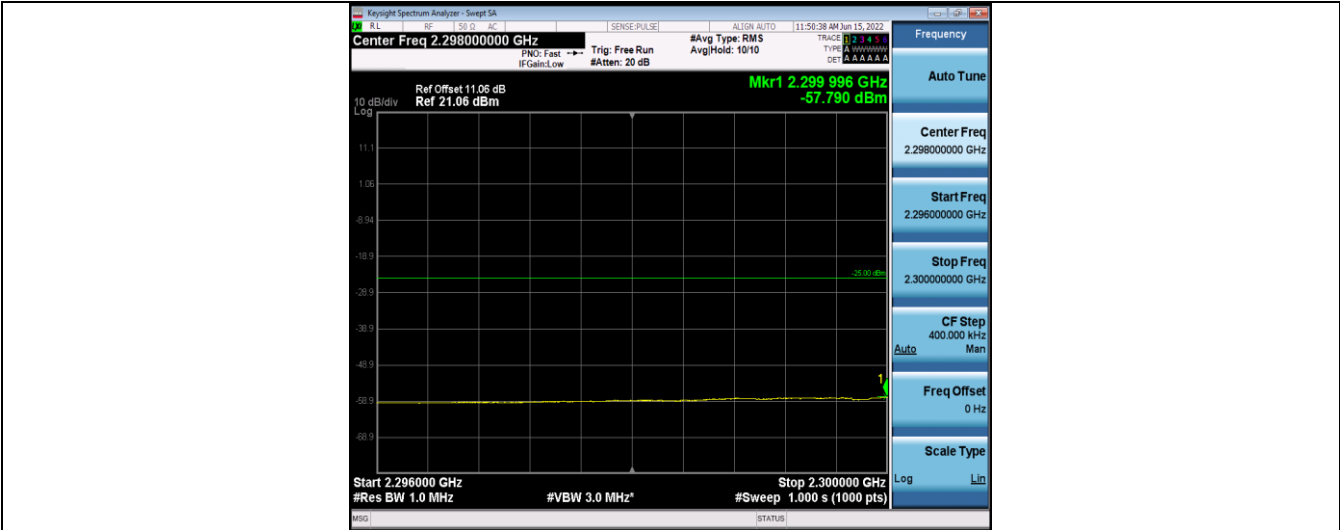
Band30-5MHz-QPSK-27735-25RB#0-Range3:2288~2292MHz



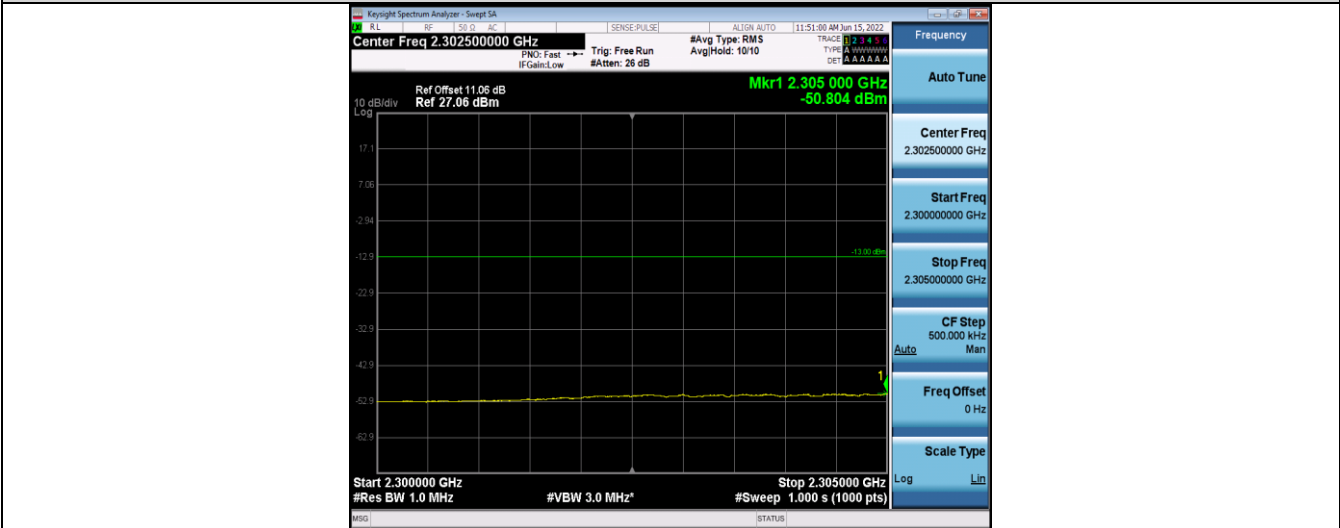
Band30-5MHz-QPSK-27735-25RB#0-Range4:2292~2296MHz



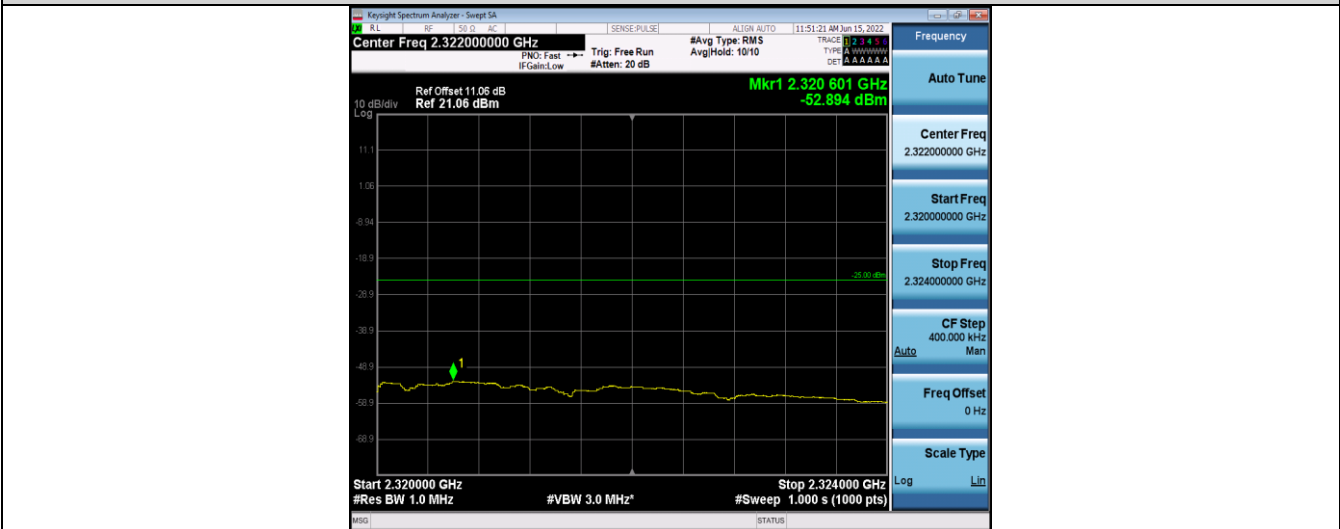
Band30-5MHz-QPSK-27735-25RB#0-Range5:2296~2300MHz



Band30-5MHz-QPSK-27735-25RB#0-Range6:2300~2305MHz



Band30-5MHz-QPSK-27735-25RB#0-Range7:2320~2324MHz



Band30-5MHz-QPSK-27735-25RB#0-Range8:2324~2328MHz