



CTC Laboratories, Inc.

Room 101 Building B, No. 7, Lanqing 1st Road, Luhua Community, Guanhu Subdistrict, Longhua District, Shenzhen, Guangdong, China

Tel: +86-755- 27521059 Fax: +86-755- 27521011 [Http://www.sz-ctc.org.cn](http://www.sz-ctc.org.cn)

Appendix for LTE Band 7

Applicant: UCLOUDLINK (SINGAPORE) PTE.LTD

Address: 80 ROBINSON ROAD #02-00 SINGAPORE

Product Name: Smart Travel Adapter

Model: GLMX23A04

FCC ID: 2BB6E-GLMX23A04

TABLE OF CONTENTS

1	Summary of Test Results Data and Graph.....	3
1.1.	Appendix A: Conducted Power Output Data	3
1.2.	Appendix B: Peak-to-Average Ratio(CCDF)	8
1.3.	Appendix C: 26dB Bandwidth and Occupied Bandwidth	26
1.4.	Appendix D: Band Edge	35
1.5.	Appendix E: Conducted Spurious Emission.....	53
1.6.	Appendix F: Frequency Stability	97

1 Summary of Test Results Data and Graph

1.1. Appendix A: Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	23.40	PASS
Band7	5MHz	16QAM	20775	1RB#0	21.94	PASS
Band7	5MHz	QPSK	20775	1RB#12	23.22	PASS
Band7	5MHz	16QAM	20775	1RB#12	22.00	PASS
Band7	5MHz	QPSK	20775	1RB#24	22.99	PASS
Band7	5MHz	16QAM	20775	1RB#24	22.00	PASS
Band7	5MHz	QPSK	20775	12RB#0	22.65	PASS
Band7	5MHz	16QAM	20775	12RB#0	21.68	PASS
Band7	5MHz	QPSK	20775	12RB#6	22.58	PASS
Band7	5MHz	16QAM	20775	12RB#6	21.56	PASS
Band7	5MHz	QPSK	20775	12RB#13	22.36	PASS
Band7	5MHz	16QAM	20775	12RB#13	21.56	PASS
Band7	5MHz	QPSK	20775	25RB#0	22.70	PASS
Band7	5MHz	16QAM	20775	25RB#0	21.80	PASS
Band7	5MHz	QPSK	21100	1RB#0	23.27	PASS
Band7	5MHz	16QAM	21100	1RB#0	22.52	PASS
Band7	5MHz	QPSK	21100	1RB#12	23.23	PASS
Band7	5MHz	16QAM	21100	1RB#12	22.51	PASS
Band7	5MHz	QPSK	21100	1RB#24	23.47	PASS
Band7	5MHz	16QAM	21100	1RB#24	22.48	PASS
Band7	5MHz	QPSK	21100	12RB#0	22.78	PASS
Band7	5MHz	16QAM	21100	12RB#0	21.78	PASS
Band7	5MHz	QPSK	21100	12RB#6	22.80	PASS
Band7	5MHz	16QAM	21100	12RB#6	21.79	PASS
Band7	5MHz	QPSK	21100	12RB#13	22.67	PASS
Band7	5MHz	16QAM	21100	12RB#13	21.74	PASS
Band7	5MHz	QPSK	21100	25RB#0	22.74	PASS
Band7	5MHz	16QAM	21100	25RB#0	21.65	PASS
Band7	5MHz	QPSK	21425	1RB#0	23.34	PASS
Band7	5MHz	16QAM	21425	1RB#0	22.48	PASS
Band7	5MHz	QPSK	21425	1RB#12	23.35	PASS
Band7	5MHz	16QAM	21425	1RB#12	22.54	PASS
Band7	5MHz	QPSK	21425	1RB#24	23.32	PASS

Band7	5MHz	16QAM	21425	1RB#24	22.52	PASS
Band7	5MHz	QPSK	21425	12RB#0	22.75	PASS
Band7	5MHz	16QAM	21425	12RB#0	21.78	PASS
Band7	5MHz	QPSK	21425	12RB#6	22.80	PASS
Band7	5MHz	16QAM	21425	12RB#6	21.75	PASS
Band7	5MHz	QPSK	21425	12RB#13	22.66	PASS
Band7	5MHz	16QAM	21425	12RB#13	21.86	PASS
Band7	5MHz	QPSK	21425	25RB#0	22.64	PASS
Band7	5MHz	16QAM	21425	25RB#0	21.81	PASS
Band7	10MHz	QPSK	20800	1RB#0	22.83	PASS
Band7	10MHz	16QAM	20800	1RB#0	22.35	PASS
Band7	10MHz	QPSK	20800	1RB#24	22.85	PASS
Band7	10MHz	16QAM	20800	1RB#24	22.26	PASS
Band7	10MHz	QPSK	20800	1RB#49	22.86	PASS
Band7	10MHz	16QAM	20800	1RB#49	22.25	PASS
Band7	10MHz	QPSK	20800	25RB#0	22.80	PASS
Band7	10MHz	16QAM	20800	25RB#0	21.59	PASS
Band7	10MHz	QPSK	20800	25RB#12	22.53	PASS
Band7	10MHz	16QAM	20800	25RB#12	21.61	PASS
Band7	10MHz	QPSK	20800	25RB#25	22.69	PASS
Band7	10MHz	16QAM	20800	25RB#25	21.63	PASS
Band7	10MHz	QPSK	20800	50RB#0	22.57	PASS
Band7	10MHz	16QAM	20800	50RB#0	21.71	PASS
Band7	10MHz	QPSK	21100	1RB#0	23.29	PASS
Band7	10MHz	16QAM	21100	1RB#0	22.13	PASS
Band7	10MHz	QPSK	21100	1RB#24	23.33	PASS
Band7	10MHz	16QAM	21100	1RB#24	22.10	PASS
Band7	10MHz	QPSK	21100	1RB#49	23.35	PASS
Band7	10MHz	16QAM	21100	1RB#49	22.10	PASS
Band7	10MHz	QPSK	21100	25RB#0	22.76	PASS
Band7	10MHz	16QAM	21100	25RB#0	21.94	PASS
Band7	10MHz	QPSK	21100	25RB#12	22.77	PASS
Band7	10MHz	16QAM	21100	25RB#12	21.92	PASS
Band7	10MHz	QPSK	21100	25RB#25	22.72	PASS
Band7	10MHz	16QAM	21100	25RB#25	21.88	PASS
Band7	10MHz	QPSK	21100	50RB#0	22.75	PASS
Band7	10MHz	16QAM	21100	50RB#0	21.79	PASS
Band7	10MHz	QPSK	21400	1RB#0	23.18	PASS

Band7	10MHz	16QAM	21400	1RB#0	22.88	PASS
Band7	10MHz	QPSK	21400	1RB#24	23.13	PASS
Band7	10MHz	16QAM	21400	1RB#24	22.84	PASS
Band7	10MHz	QPSK	21400	1RB#49	23.17	PASS
Band7	10MHz	16QAM	21400	1RB#49	22.97	PASS
Band7	10MHz	QPSK	21400	25RB#0	22.74	PASS
Band7	10MHz	16QAM	21400	25RB#0	21.92	PASS
Band7	10MHz	QPSK	21400	25RB#12	22.75	PASS
Band7	10MHz	16QAM	21400	25RB#12	21.89	PASS
Band7	10MHz	QPSK	21400	25RB#25	22.74	PASS
Band7	10MHz	16QAM	21400	25RB#25	21.84	PASS
Band7	10MHz	QPSK	21400	50RB#0	22.80	PASS
Band7	10MHz	16QAM	21400	50RB#0	21.84	PASS
Band7	15MHz	QPSK	20825	1RB#0	23.02	PASS
Band7	15MHz	16QAM	20825	1RB#0	22.54	PASS
Band7	15MHz	QPSK	20825	1RB#38	22.95	PASS
Band7	15MHz	16QAM	20825	1RB#38	22.42	PASS
Band7	15MHz	QPSK	20825	1RB#74	23.24	PASS
Band7	15MHz	16QAM	20825	1RB#74	22.38	PASS
Band7	15MHz	QPSK	20825	38RB#0	22.53	PASS
Band7	15MHz	16QAM	20825	38RB#0	22.58	PASS
Band7	15MHz	QPSK	20825	38RB#18	22.58	PASS
Band7	15MHz	16QAM	20825	38RB#18	22.58	PASS
Band7	15MHz	QPSK	20825	38RB#37	22.56	PASS
Band7	15MHz	16QAM	20825	38RB#37	22.55	PASS
Band7	15MHz	QPSK	20825	75RB#0	22.52	PASS
Band7	15MHz	16QAM	20825	75RB#0	21.69	PASS
Band7	15MHz	QPSK	21100	1RB#0	23.39	PASS
Band7	15MHz	16QAM	21100	1RB#0	22.97	PASS
Band7	15MHz	QPSK	21100	1RB#38	23.39	PASS
Band7	15MHz	16QAM	21100	1RB#38	23.03	PASS
Band7	15MHz	QPSK	21100	1RB#74	23.32	PASS
Band7	15MHz	16QAM	21100	1RB#74	23.04	PASS
Band7	15MHz	QPSK	21100	38RB#0	22.82	PASS
Band7	15MHz	16QAM	21100	38RB#0	22.85	PASS
Band7	15MHz	QPSK	21100	38RB#18	22.86	PASS
Band7	15MHz	16QAM	21100	38RB#18	22.85	PASS
Band7	15MHz	QPSK	21100	38RB#37	22.85	PASS

Band7	15MHz	16QAM	21100	38RB#37	22.85	PASS
Band7	15MHz	QPSK	21100	75RB#0	22.85	PASS
Band7	15MHz	16QAM	21100	75RB#0	21.94	PASS
Band7	15MHz	QPSK	21375	1RB#0	23.22	PASS
Band7	15MHz	16QAM	21375	1RB#0	22.96	PASS
Band7	15MHz	QPSK	21375	1RB#38	23.16	PASS
Band7	15MHz	16QAM	21375	1RB#38	23.01	PASS
Band7	15MHz	QPSK	21375	1RB#74	23.14	PASS
Band7	15MHz	16QAM	21375	1RB#74	23.03	PASS
Band7	15MHz	QPSK	21375	38RB#0	22.79	PASS
Band7	15MHz	16QAM	21375	38RB#0	22.78	PASS
Band7	15MHz	QPSK	21375	38RB#18	22.77	PASS
Band7	15MHz	16QAM	21375	38RB#18	22.76	PASS
Band7	15MHz	QPSK	21375	38RB#37	22.73	PASS
Band7	15MHz	16QAM	21375	38RB#37	22.77	PASS
Band7	15MHz	QPSK	21375	75RB#0	22.77	PASS
Band7	15MHz	16QAM	21375	75RB#0	21.83	PASS
Band7	20MHz	QPSK	20850	1RB#0	23.26	PASS
Band7	20MHz	16QAM	20850	1RB#0	22.19	PASS
Band7	20MHz	QPSK	20850	1RB#49	23.22	PASS
Band7	20MHz	16QAM	20850	1RB#49	22.33	PASS
Band7	20MHz	QPSK	20850	1RB#99	23.22	PASS
Band7	20MHz	16QAM	20850	1RB#99	22.46	PASS
Band7	20MHz	QPSK	20850	50RB#0	22.54	PASS
Band7	20MHz	16QAM	20850	50RB#0	21.70	PASS
Band7	20MHz	QPSK	20850	50RB#25	22.48	PASS
Band7	20MHz	16QAM	20850	50RB#25	21.70	PASS
Band7	20MHz	QPSK	20850	50RB#50	22.56	PASS
Band7	20MHz	16QAM	20850	50RB#50	21.73	PASS
Band7	20MHz	QPSK	20850	100RB#0	22.60	PASS
Band7	20MHz	16QAM	20850	100RB#0	21.63	PASS
Band7	20MHz	QPSK	21100	1RB#0	23.22	PASS
Band7	20MHz	16QAM	21100	1RB#0	23.38	PASS
Band7	20MHz	QPSK	21100	1RB#49	23.28	PASS
Band7	20MHz	16QAM	21100	1RB#49	23.19	PASS
Band7	20MHz	QPSK	21100	1RB#99	23.27	PASS
Band7	20MHz	16QAM	21100	1RB#99	23.18	PASS
Band7	20MHz	QPSK	21100	50RB#0	22.74	PASS

Band7	20MHz	16QAM	21100	50RB#0	21.95	PASS
Band7	20MHz	QPSK	21100	50RB#25	22.72	PASS
Band7	20MHz	16QAM	21100	50RB#25	21.85	PASS
Band7	20MHz	QPSK	21100	50RB#50	22.77	PASS
Band7	20MHz	16QAM	21100	50RB#50	21.81	PASS
Band7	20MHz	QPSK	21100	100RB#0	22.80	PASS
Band7	20MHz	16QAM	21100	100RB#0	21.95	PASS
Band7	20MHz	QPSK	21350	1RB#0	23.27	PASS
Band7	20MHz	16QAM	21350	1RB#0	22.73	PASS
Band7	20MHz	QPSK	21350	1RB#49	23.29	PASS
Band7	20MHz	16QAM	21350	1RB#49	22.52	PASS
Band7	20MHz	QPSK	21350	1RB#99	23.29	PASS
Band7	20MHz	16QAM	21350	1RB#99	22.62	PASS
Band7	20MHz	QPSK	21350	50RB#0	22.63	PASS
Band7	20MHz	16QAM	21350	50RB#0	21.91	PASS
Band7	20MHz	QPSK	21350	50RB#25	22.77	PASS
Band7	20MHz	16QAM	21350	50RB#25	21.90	PASS
Band7	20MHz	QPSK	21350	50RB#50	22.76	PASS
Band7	20MHz	16QAM	21350	50RB#50	21.95	PASS
Band7	20MHz	QPSK	21350	100RB#0	22.71	PASS
Band7	20MHz	16QAM	21350	100RB#0	21.76	PASS

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

Test Result

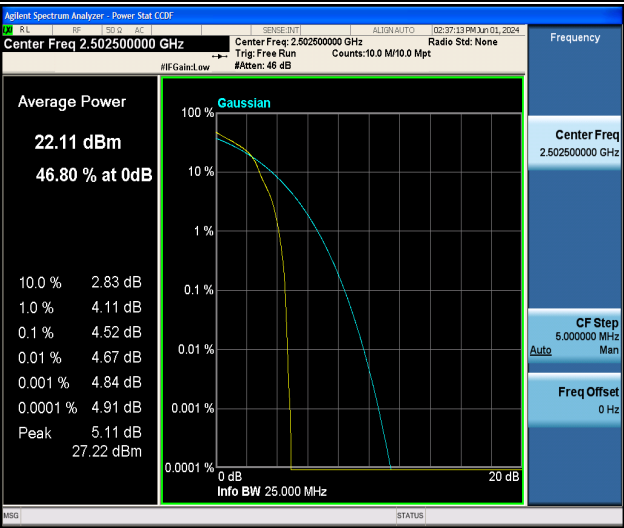
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	3.85	13	PASS
Band7	5MHz	16QAM	20775	1RB#0	4.52	13	PASS
Band7	5MHz	QPSK	20775	25RB#0	4.88	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	5.64	13	PASS
Band7	5MHz	QPSK	21100	1RB#0	3.97	13	PASS
Band7	5MHz	16QAM	21100	1RB#0	4.83	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.67	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	5.42	13	PASS
Band7	5MHz	QPSK	21425	1RB#0	4.22	13	PASS
Band7	5MHz	16QAM	21425	1RB#0	4.62	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.42	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	5.23	13	PASS
Band7	10MHz	QPSK	20800	1RB#0	4.00	13	PASS
Band7	10MHz	16QAM	20800	1RB#0	4.37	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	5.13	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	5.94	13	PASS
Band7	10MHz	QPSK	21100	1RB#0	4.00	13	PASS
Band7	10MHz	16QAM	21100	1RB#0	4.68	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	4.77	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	5.49	13	PASS
Band7	10MHz	QPSK	21400	1RB#0	4.44	13	PASS
Band7	10MHz	16QAM	21400	1RB#0	5.19	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	4.68	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	5.36	13	PASS
Band7	15MHz	QPSK	20825	1RB#0	4.10	13	PASS
Band7	15MHz	16QAM	20825	1RB#0	4.36	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.50	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	6.08	13	PASS
Band7	15MHz	QPSK	21100	1RB#0	3.98	13	PASS
Band7	15MHz	16QAM	21100	1RB#0	4.52	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.17	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	5.79	13	PASS
Band7	15MHz	QPSK	21375	1RB#0	4.76	13	PASS
Band7	15MHz	16QAM	21375	1RB#0	5.37	13	PASS

Band7	15MHz	QPSK	21375	75RB#0	5.15	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	5.68	13	PASS
Band7	20MHz	QPSK	20850	1RB#0	4.21	13	PASS
Band7	20MHz	16QAM	20850	1RB#0	4.67	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.32	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	6.08	13	PASS
Band7	20MHz	QPSK	21100	1RB#0	3.60	13	PASS
Band7	20MHz	16QAM	21100	1RB#0	4.49	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.16	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	5.90	13	PASS
Band7	20MHz	QPSK	21350	1RB#0	4.87	13	PASS
Band7	20MHz	16QAM	21350	1RB#0	5.24	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.21	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	5.85	13	PASS

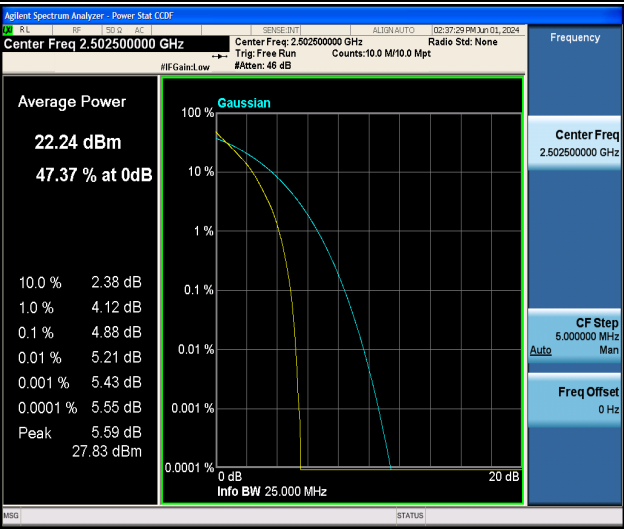
Test Graphs



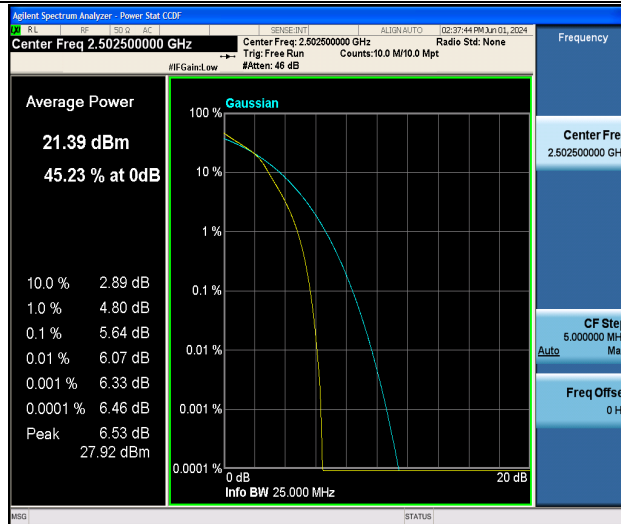
Band7-5MHz-QPSK-20775-1RB#0-PASS



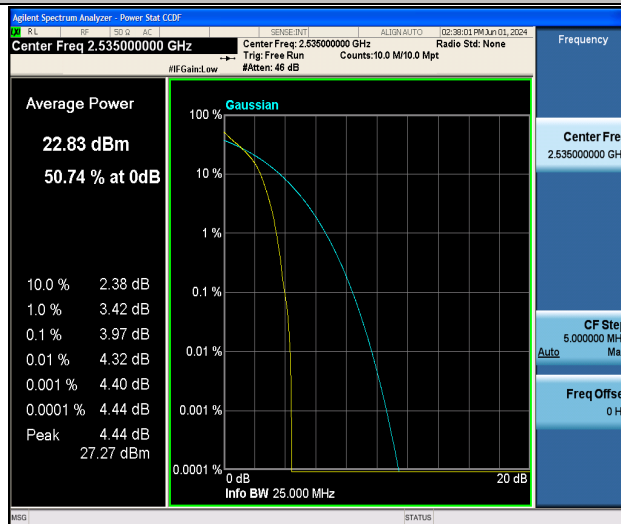
Band7-5MHz-16QAM-20775-1RB#0-PASS



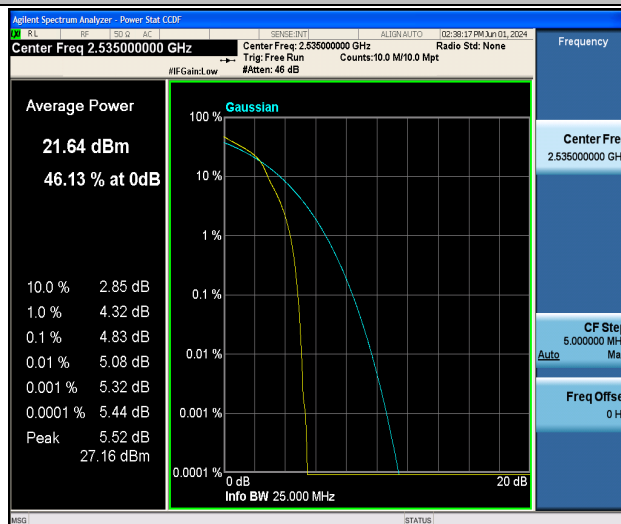
Band7-5MHz-QPSK-20775-25RB#0-PASS



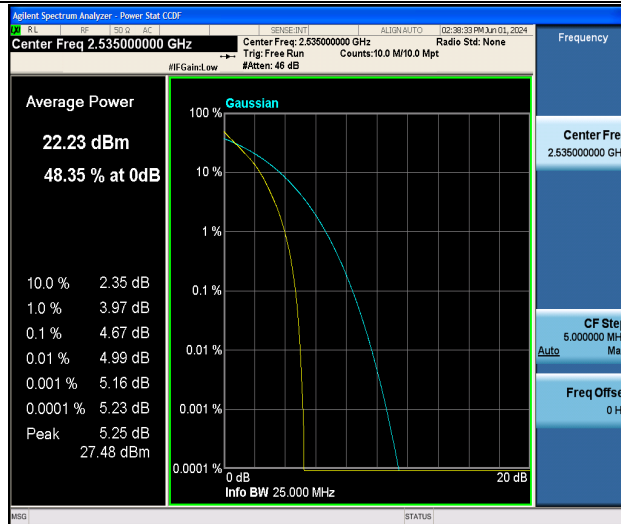
Band7-5MHz-16QAM-20775-25RB#0-PASS



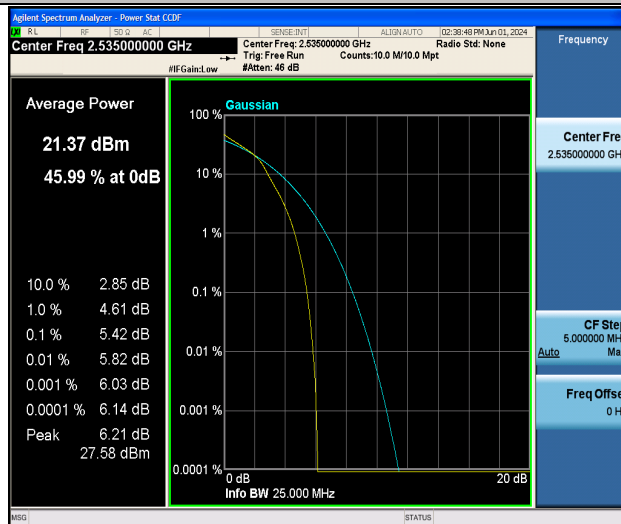
Band7-5MHz-QPSK-21100-1RB#0-PASS



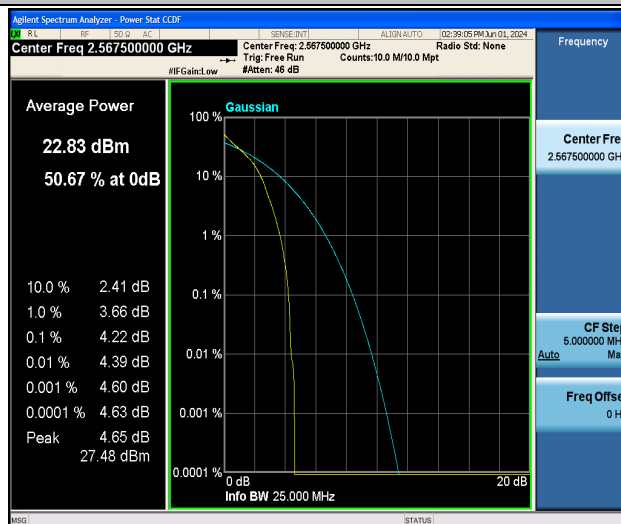
Band7-5MHz-16QAM-21100-1RB#0-PASS



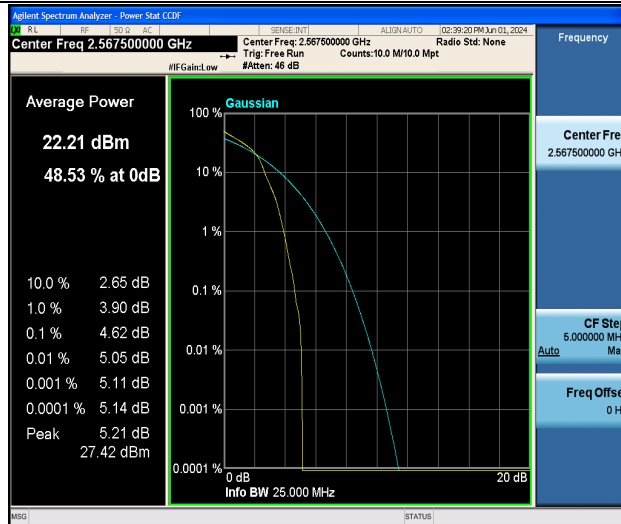
Band7-5MHz-QPSK-21100-25RB#0-PASS



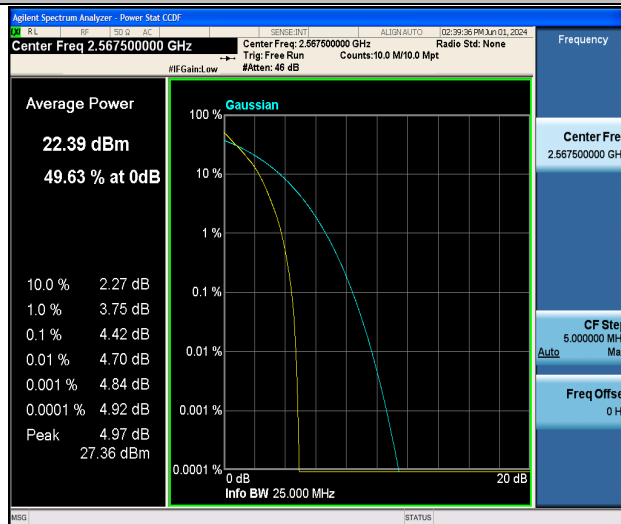
Band7-5MHz-16QAM-21100-25RB#0-PASS



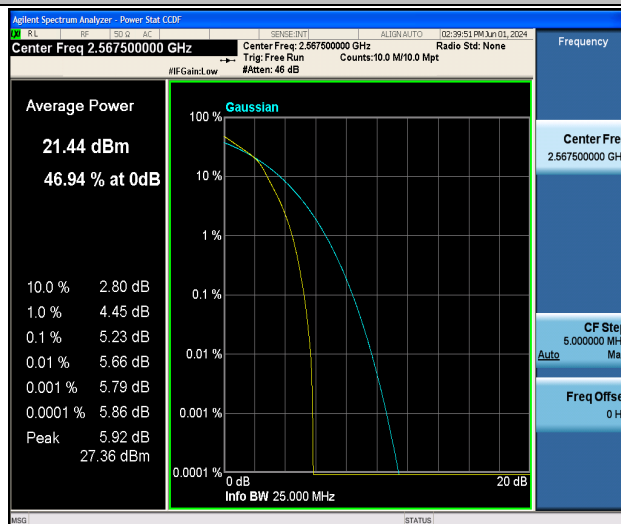
Band7-5MHz-QPSK-21425-1RB#0-PASS



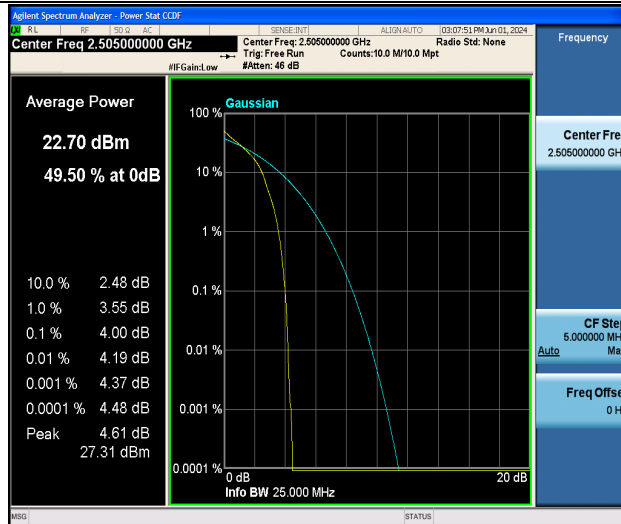
Band7-5MHz-16QAM-21425-1RB#0-PASS



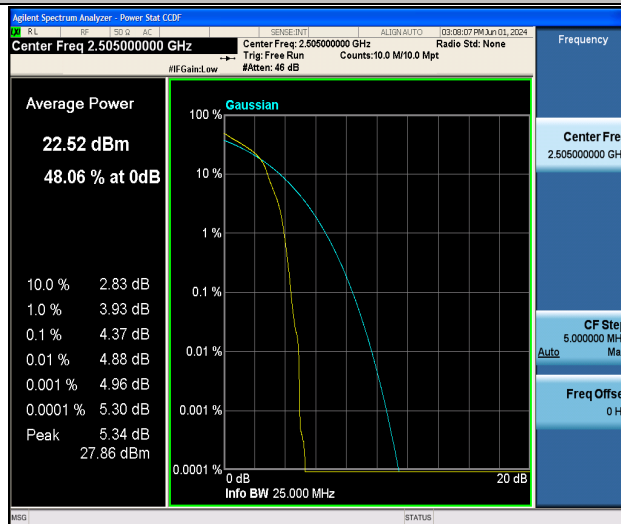
Band7-5MHz-QPSK-21425-25RB#0-PASS



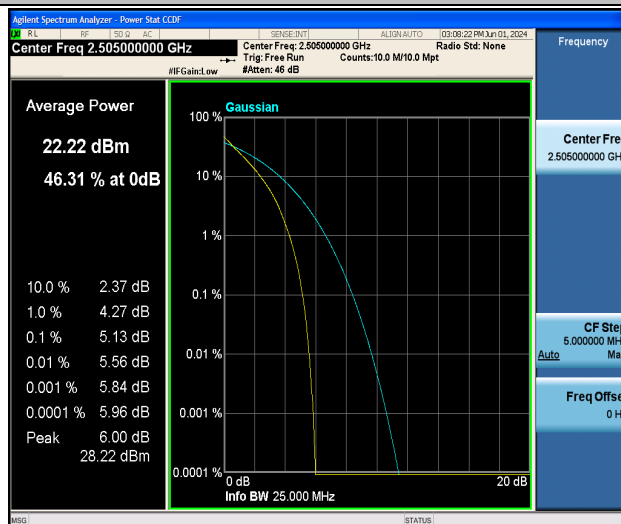
Band7-5MHz-16QAM-21425-25RB#0-PASS



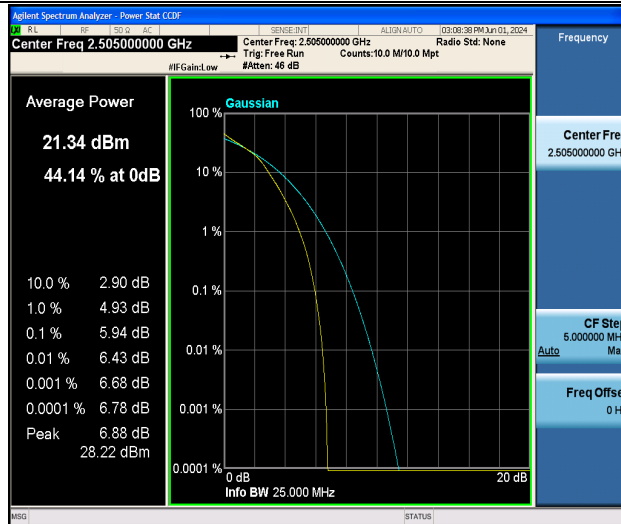
Band7-10MHz-QPSK-20800-1RB#0-PASS



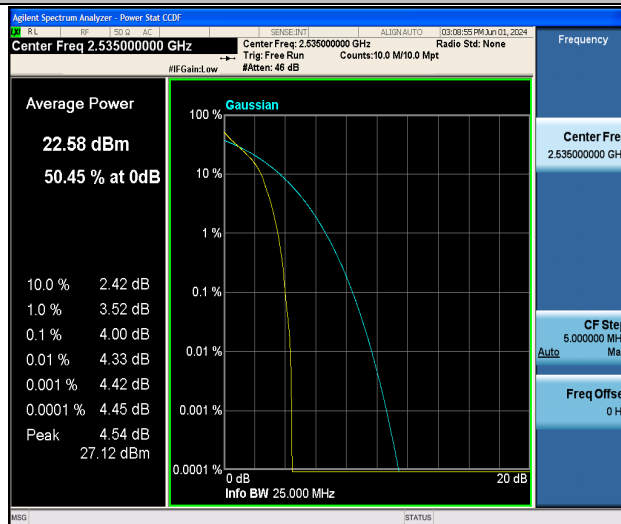
Band7-10MHz-16QAM-20800-1RB#0-PASS



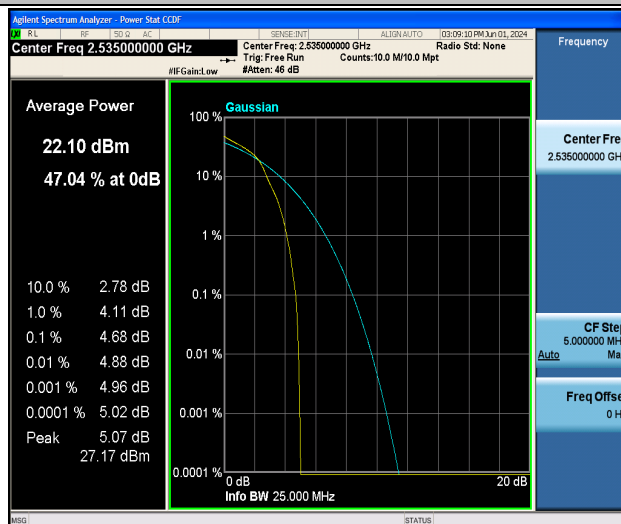
Band7-10MHz-QPSK-20800-50RB#0-PASS



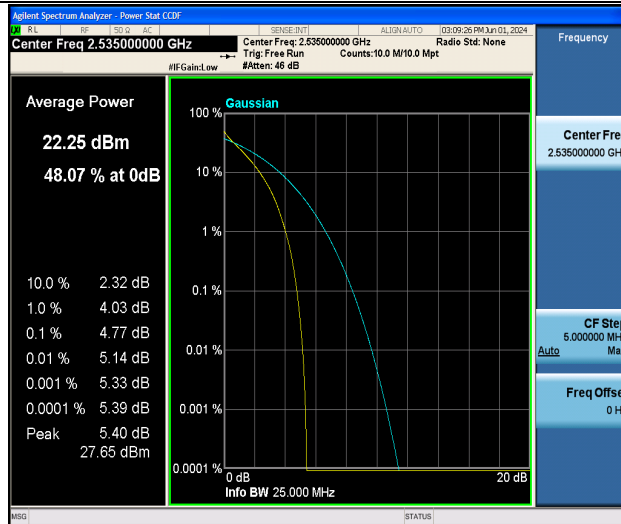
Band7-10MHz-16QAM-20800-50RB#0-PASS



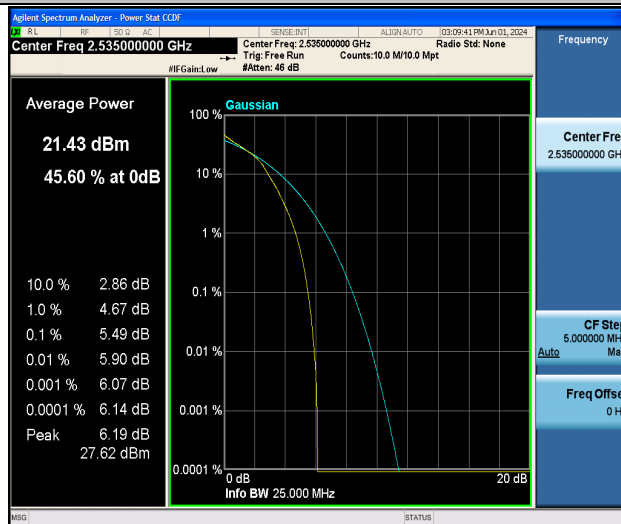
Band7-10MHz-QPSK-21100-1RB#0-PASS



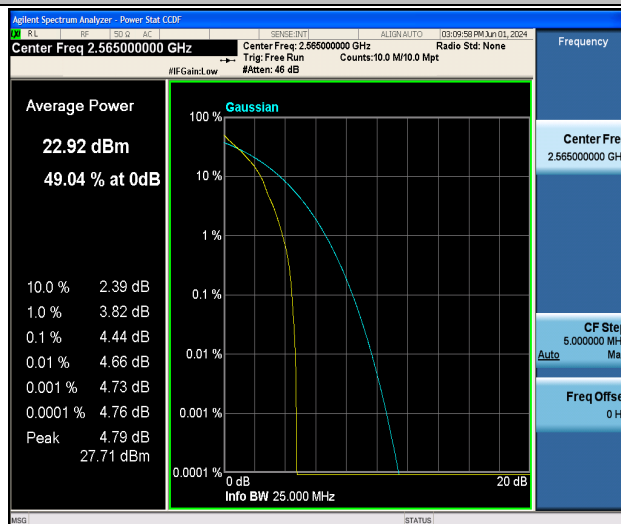
Band7-10MHz-16QAM-21100-1RB#0-PASS



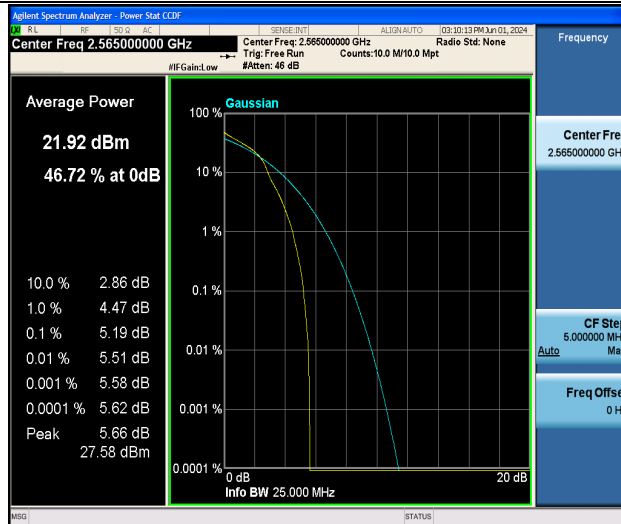
Band7-10MHz-QPSK-21100-50RB#0-PASS



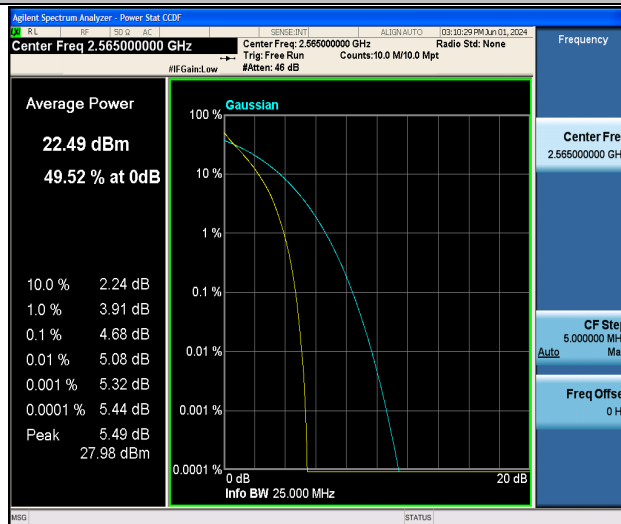
Band7-10MHz-16QAM-21100-50RB#0-PASS



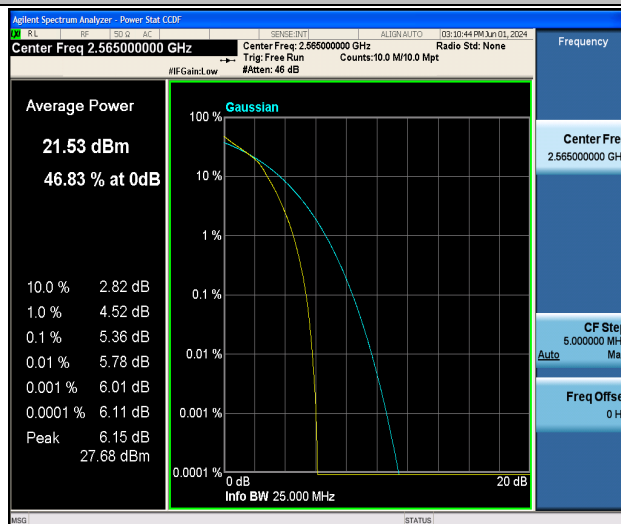
Band7-10MHz-QPSK-21400-1RB#0-PASS



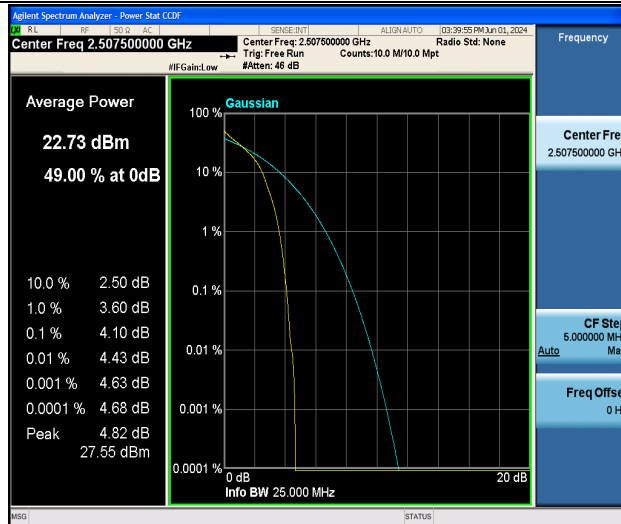
Band7-10MHz-16QAM-21400-1RB#0-PASS



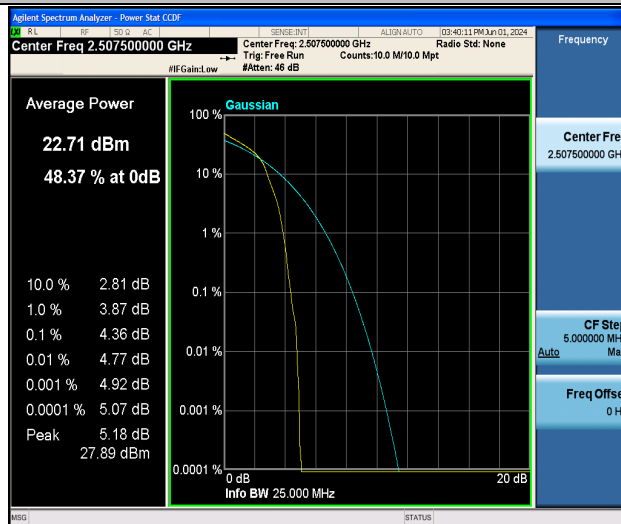
Band7-10MHz-QPSK-21400-50RB#0-PASS



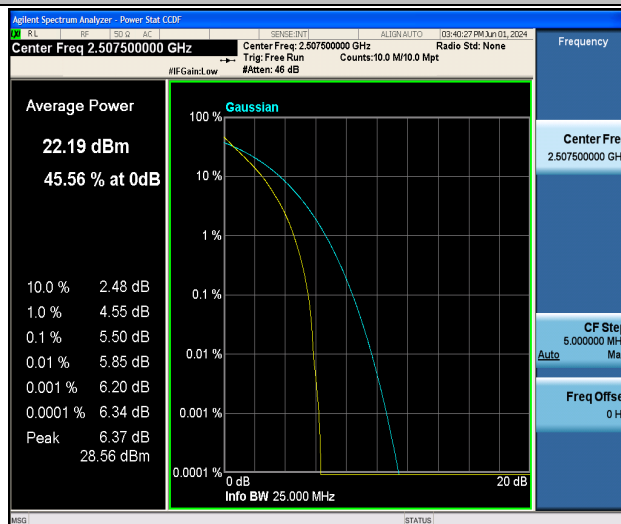
Band7-10MHz-16QAM-21400-50RB#0-PASS



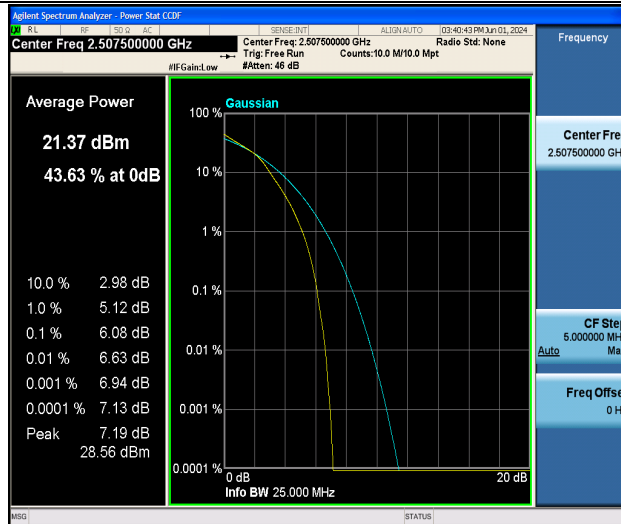
Band7-15MHz-QPSK-20825-1RB#0-PASS



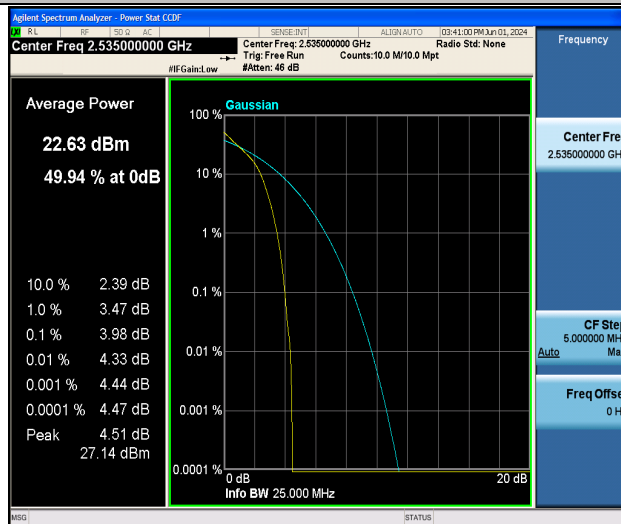
Band7-15MHz-16QAM-20825-1RB#0-PASS



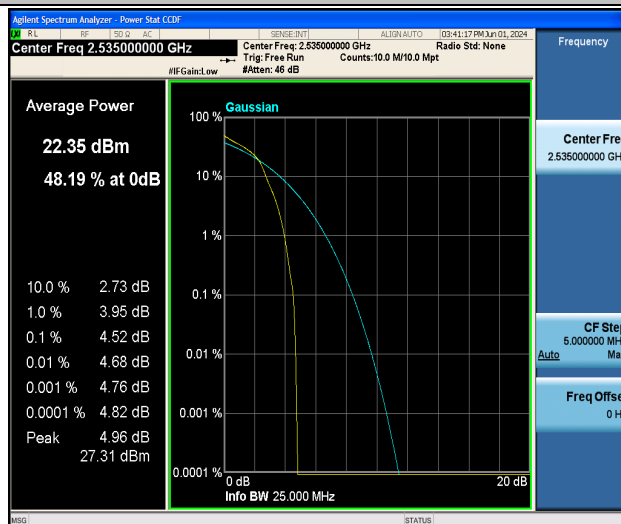
Band7-15MHz-QPSK-20825-75RB#0-PASS



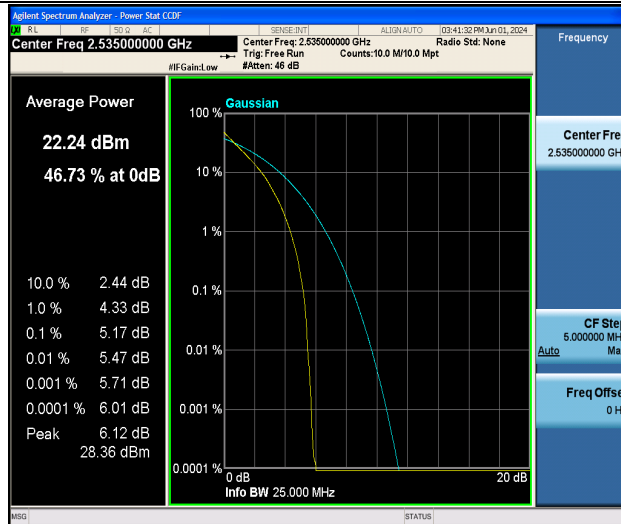
Band7-15MHz-16QAM-20825-75RB#0-PASS



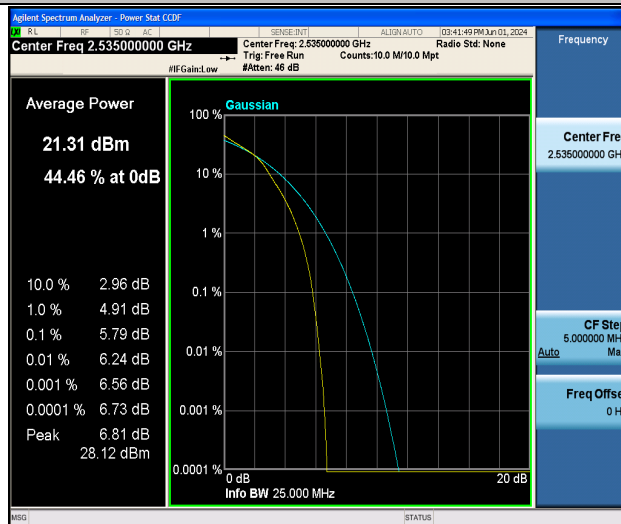
Band7-15MHz-QPSK-21100-1RB#0-PASS



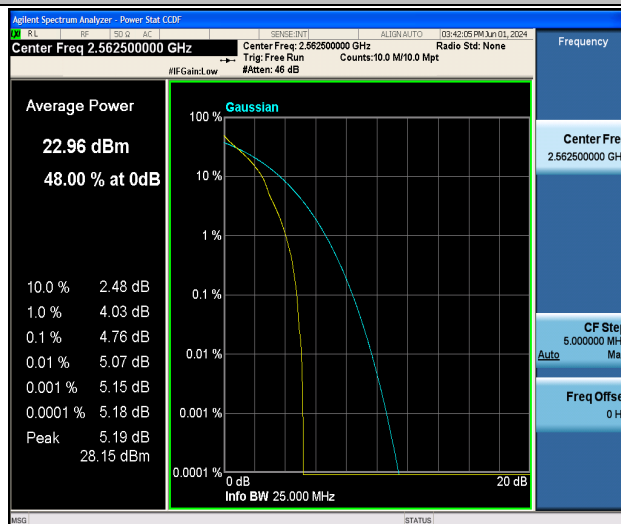
Band7-15MHz-16QAM-21100-1RB#0-PASS



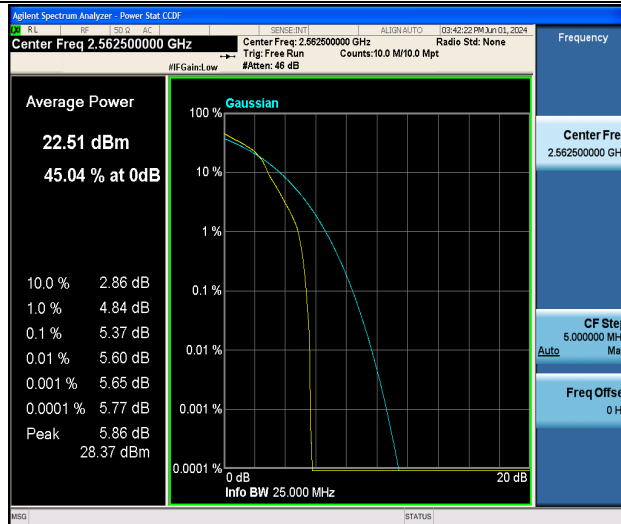
Band7-15MHz-QPSK-21100-75RB#0-PASS



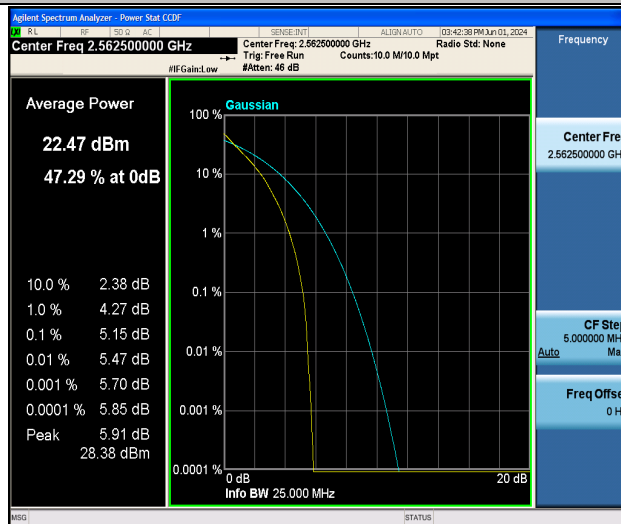
Band7-15MHz-16QAM-21100-75RB#0-PASS



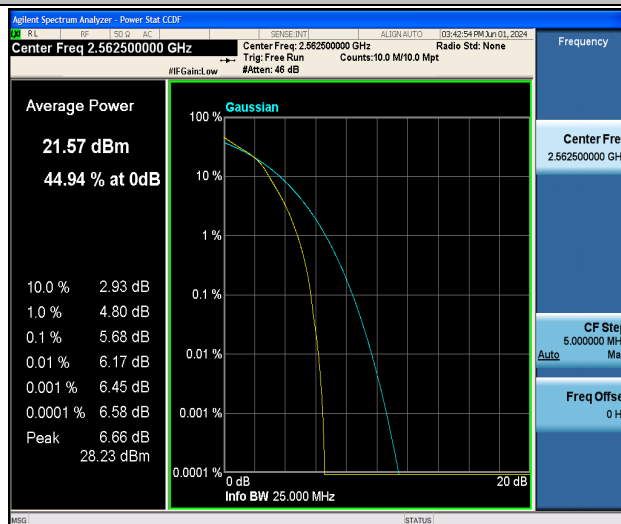
Band7-15MHz-QPSK-21375-1RB#0-PASS



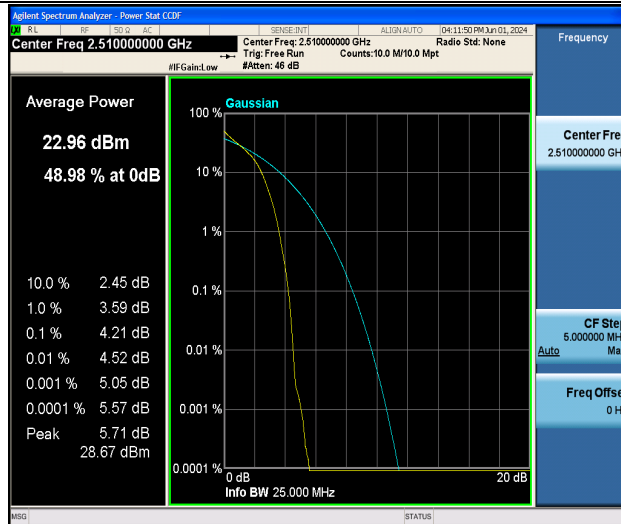
Band7-15MHz-16QAM-21375-1RB#0-PASS



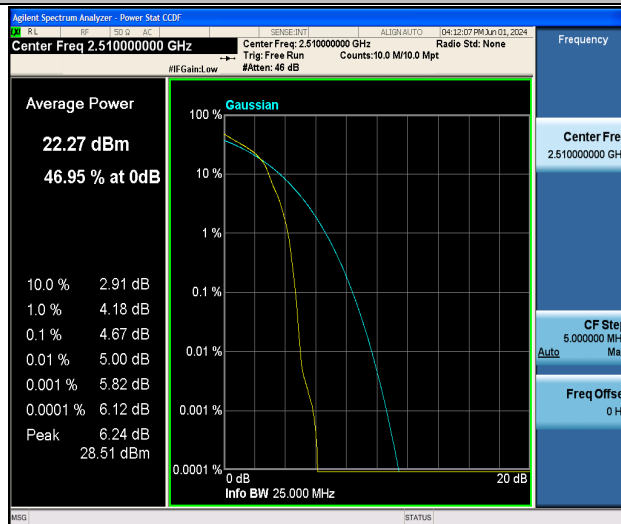
Band7-15MHz-QPSK-21375-75RB#0-PASS



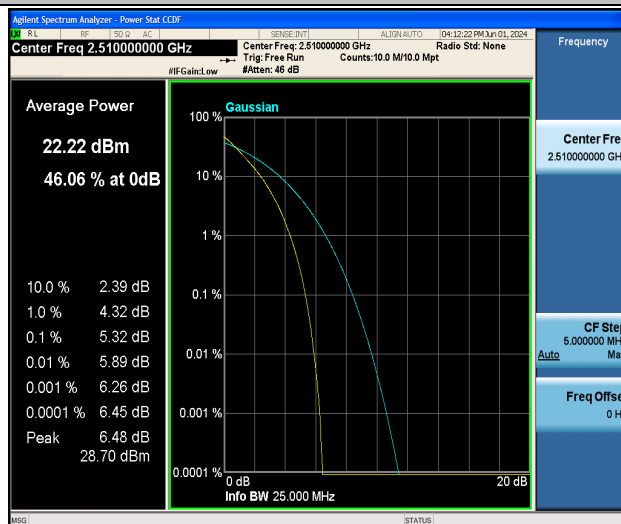
Band7-15MHz-16QAM-21375-75RB#0-PASS



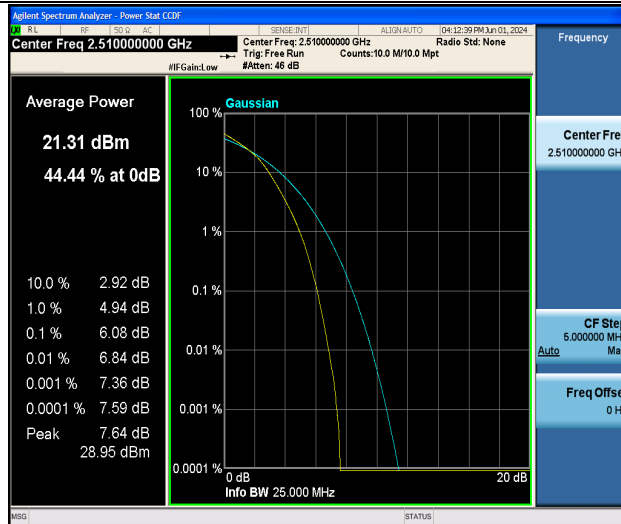
Band7-20MHz-QPSK-20850-1RB#0-PASS



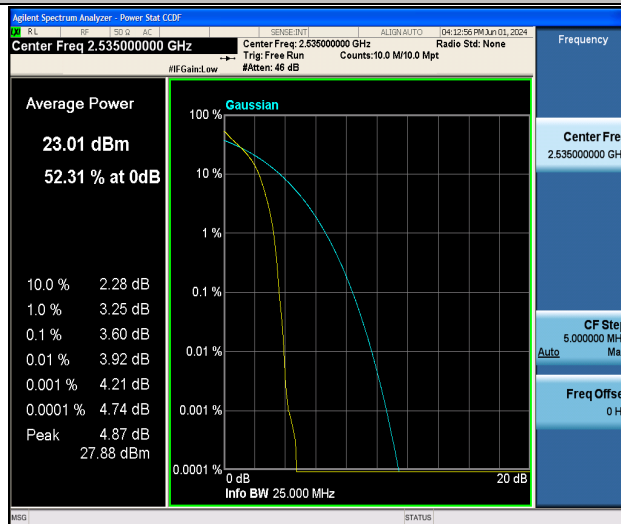
Band7-20MHz-16QAM-20850-1RB#0-PASS



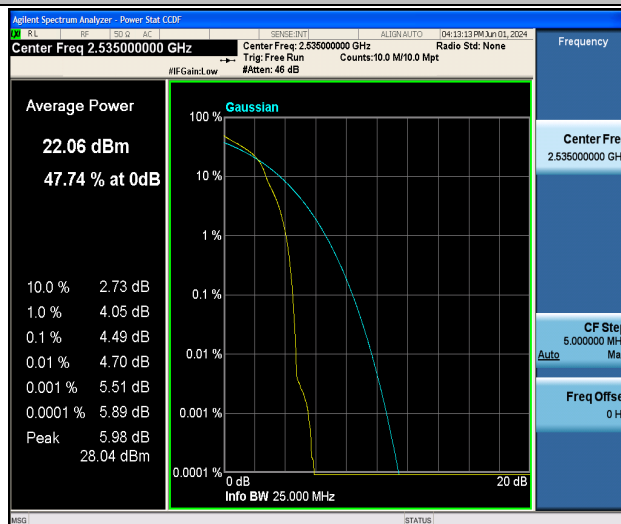
Band7-20MHz-QPSK-20850-100RB#0-PASS



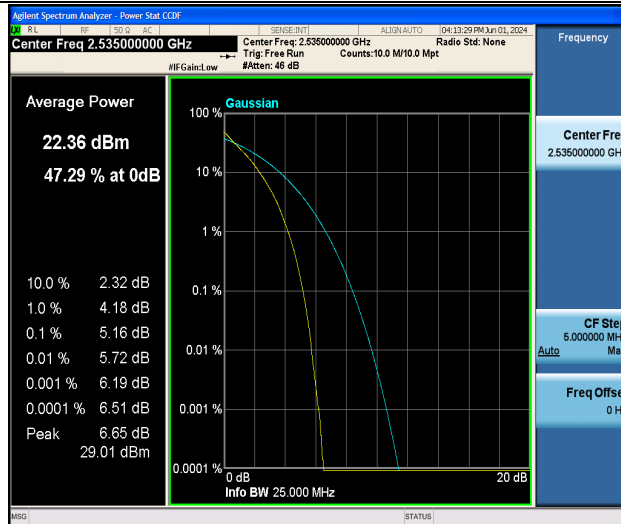
Band7-20MHz-16QAM-20850-100RB#0-PASS



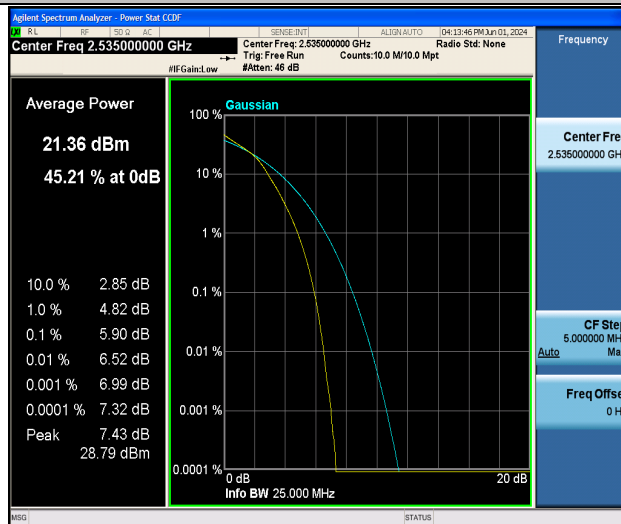
Band7-20MHz-QPSK-21100-1RB#0-PASS



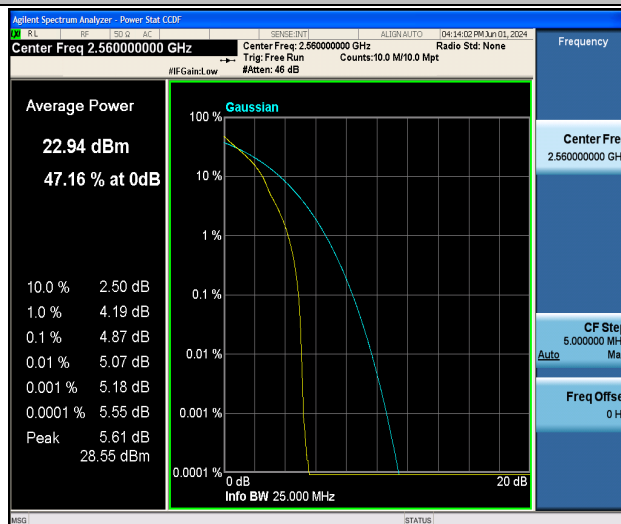
Band7-20MHz-16QAM-21100-1RB#0-PASS



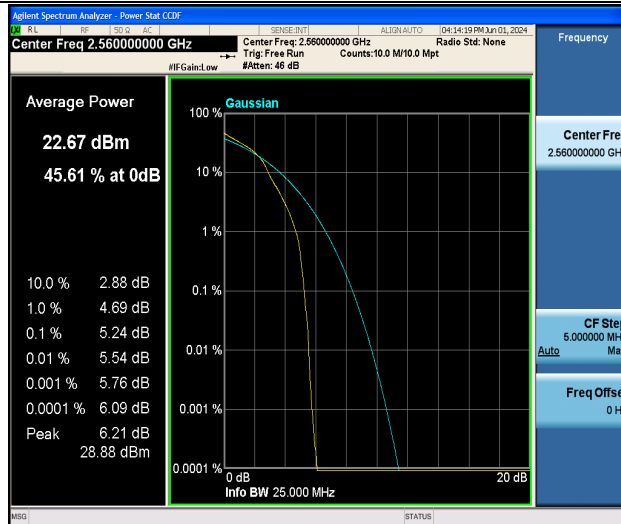
Band7-20MHz-QPSK-21100-100RB#0-PASS



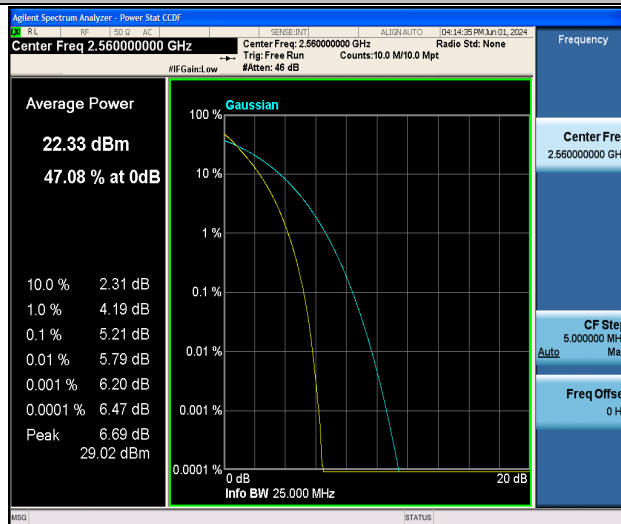
Band7-20MHz-16QAM-21100-100RB#0-PASS



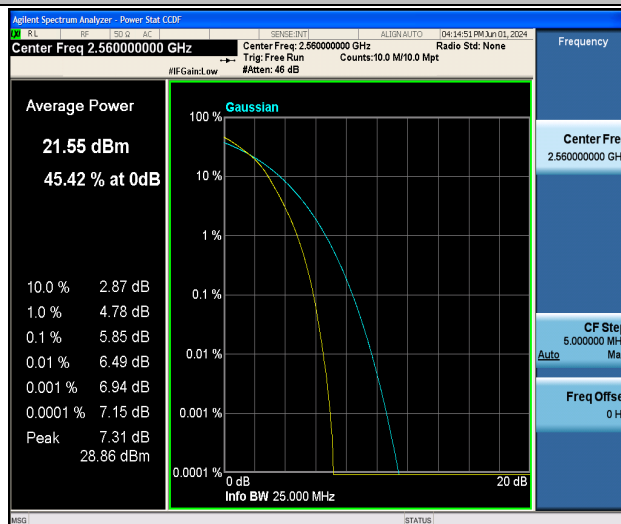
Band7-20MHz-QPSK-21350-1RB#0-PASS



Band7-20MHz-16QAM-21350-1RB#0-PASS



Band7-20MHz-QPSK-21350-100RB#0-PASS



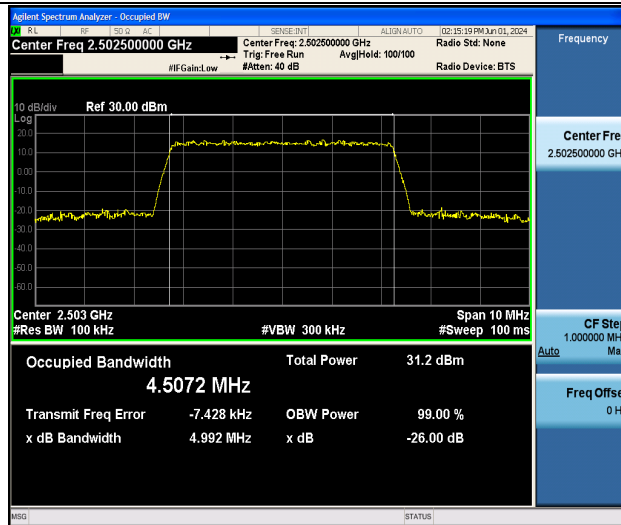
Band7-20MHz-16QAM-21350-100RB#0-PASS

1.3. Appendix C: 26dB Bandwidth and Occupied Bandwidth

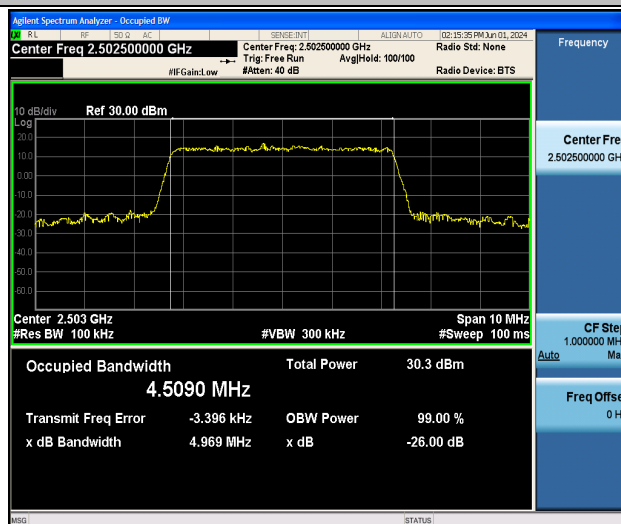
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.5072	4.992	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.5090	4.969	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.5044	4.977	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5189	4.997	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5118	4.985	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5309	4.985	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9960	9.902	PASS
Band7	10MHz	16QAM	20800	50RB#0	9.0010	9.940	PASS
Band7	10MHz	QPSK	21100	50RB#0	9.0041	9.912	PASS
Band7	10MHz	16QAM	21100	50RB#0	9.0169	9.956	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9625	9.873	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9746	9.911	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.526	14.95	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.511	14.90	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.494	15.00	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.506	14.78	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.424	14.79	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.458	14.97	PASS
Band7	20MHz	QPSK	20850	100RB#0	18.032	19.70	PASS
Band7	20MHz	16QAM	20850	100RB#0	18.015	19.71	PASS
Band7	20MHz	QPSK	21100	100RB#0	18.041	19.82	PASS
Band7	20MHz	16QAM	21100	100RB#0	18.001	19.76	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.944	19.54	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.949	19.68	PASS

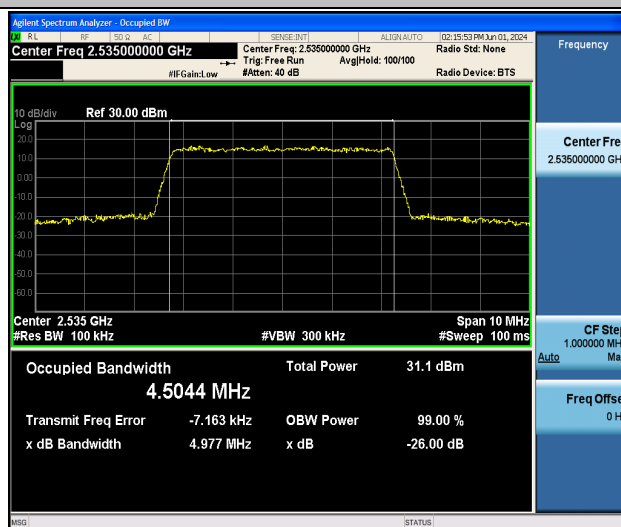
Test Graphs



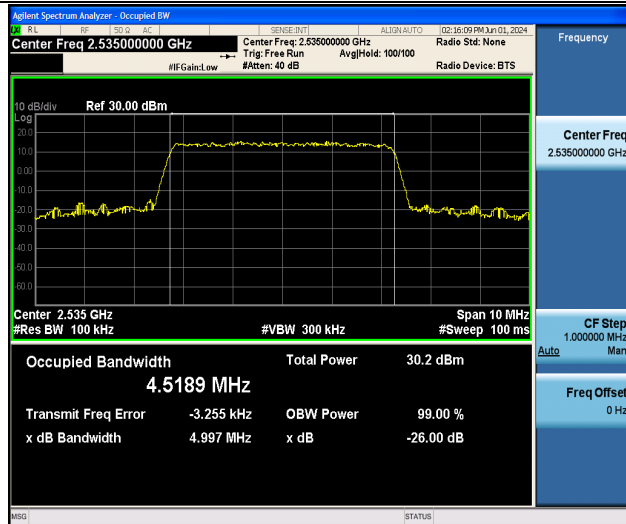
Band7-5MHz-QPSK-20775-25RB#0-PASS



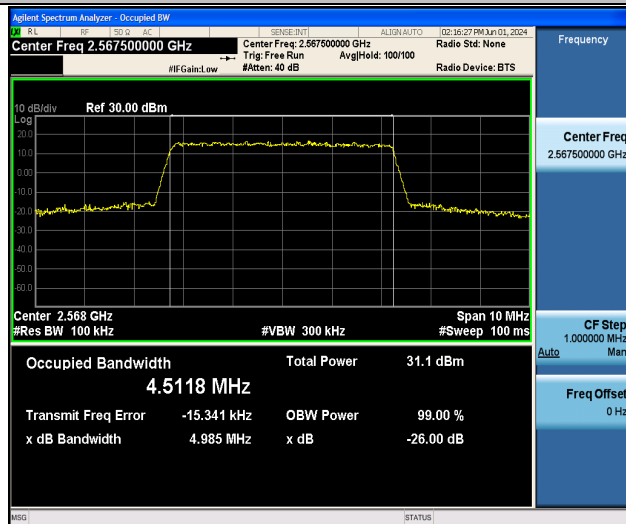
Band7-5MHz-16QAM-20775-25RB#0-PASS



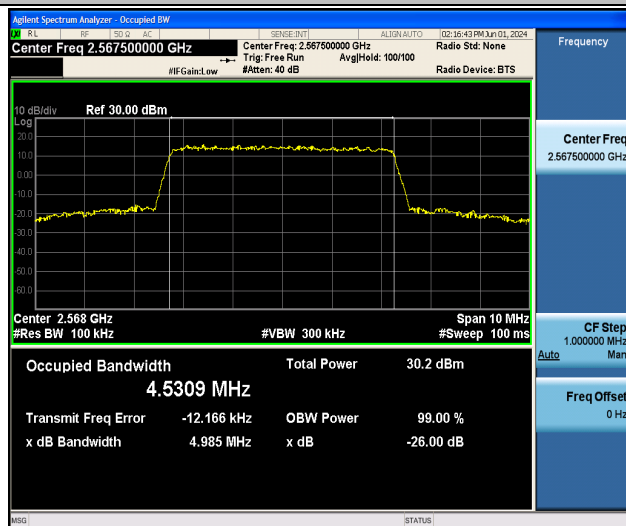
Band7-5MHz-QPSK-21100-25RB#0-PASS



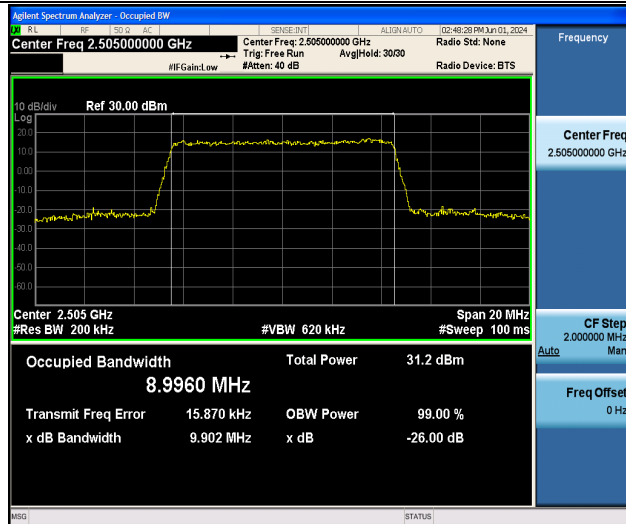
Band7-5MHz-16QAM-21100-25RB#0-PASS



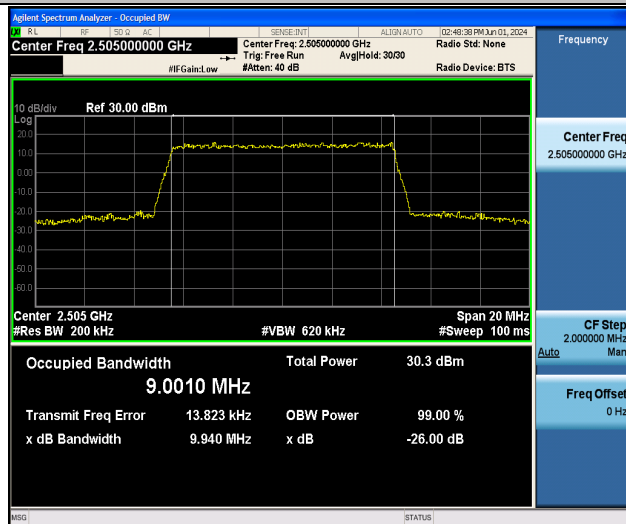
Band7-5MHz-QPSK-21425-25RB#0-PASS



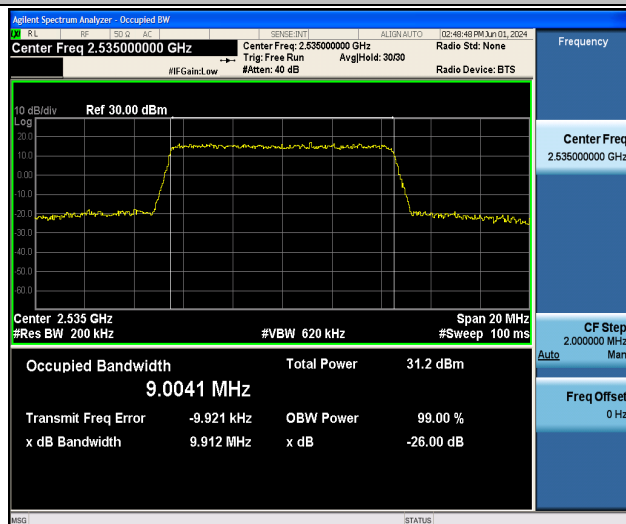
Band7-5MHz-16QAM-21425-25RB#0-PASS



Band7-10MHz-QPSK-20800-50RB#0-PASS



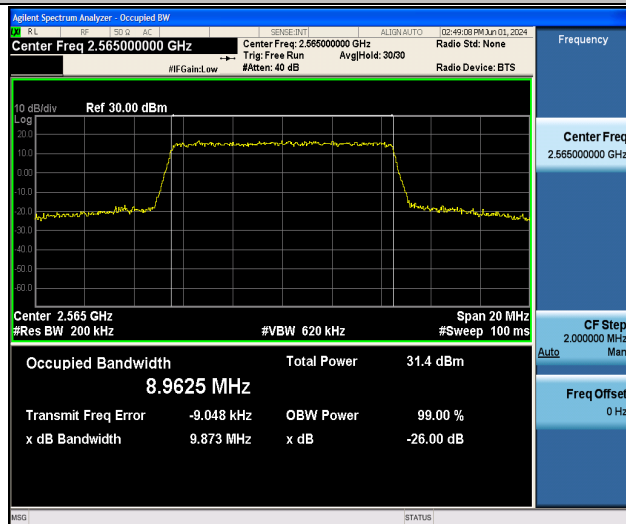
Band7-10MHz-16QAM-20800-50RB#0-PASS



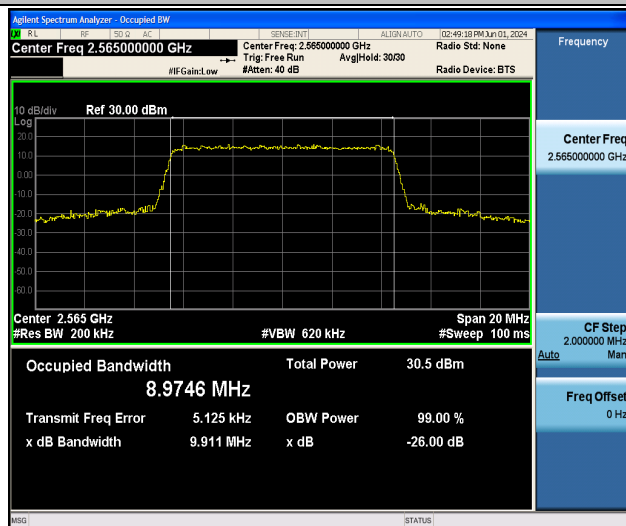
Band7-10MHz-QPSK-21100-50RB#0-PASS



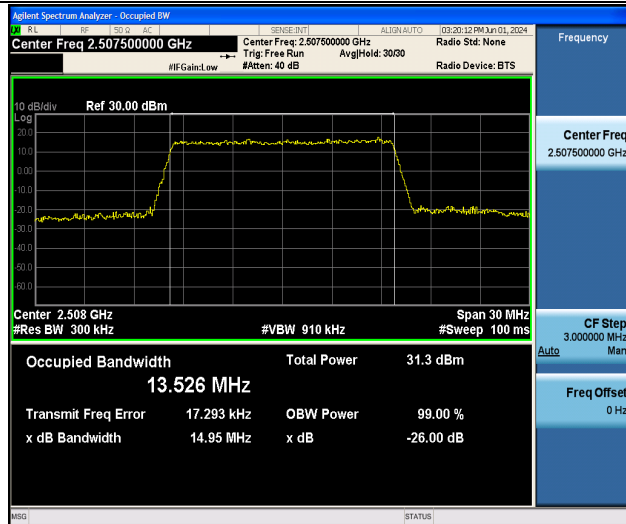
Band7-10MHz-16QAM-21100-50RB#0-PASS



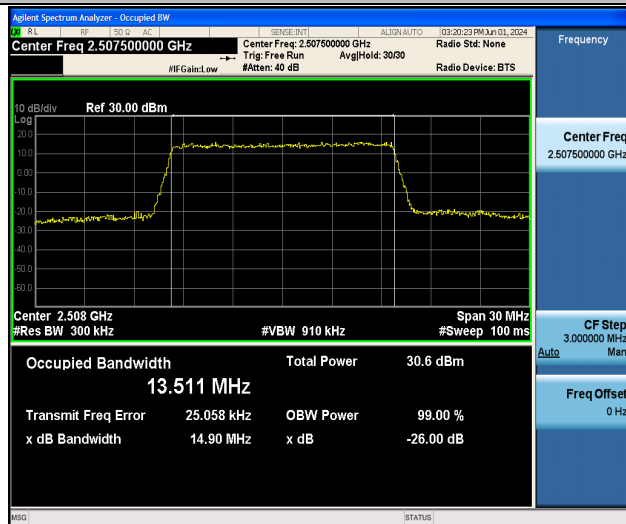
Band7-10MHz-QPSK-21400-50RB#0-PASS



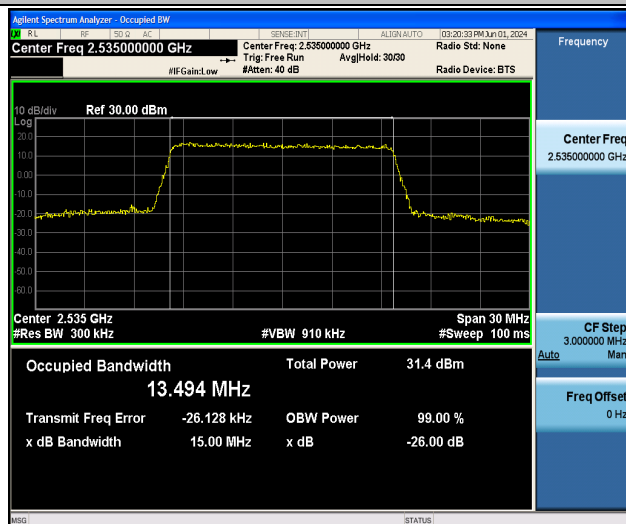
Band7-10MHz-16QAM-21400-50RB#0-PASS



Band7-15MHz-QPSK-20825-75RB#0-PASS



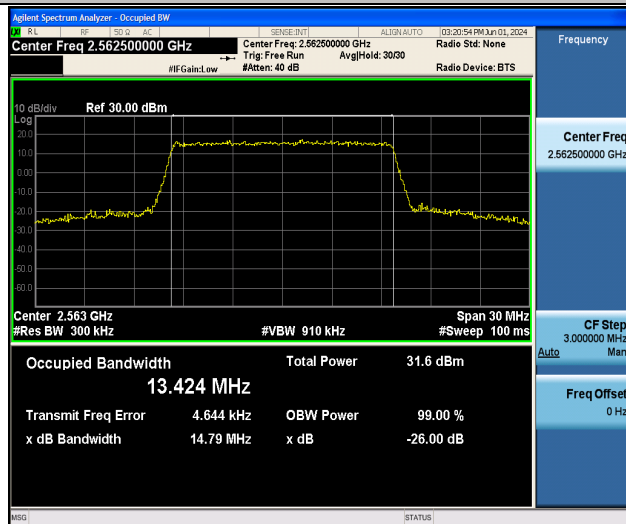
Band7-15MHz-16QAM-20825-75RB#0-PASS



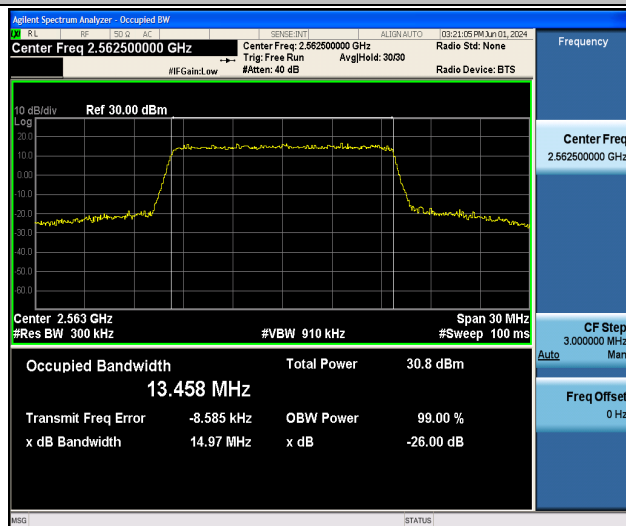
Band7-15MHz-QPSK-21100-75RB#0-PASS



Band7-15MHz-16QAM-21100-75RB#0-PASS



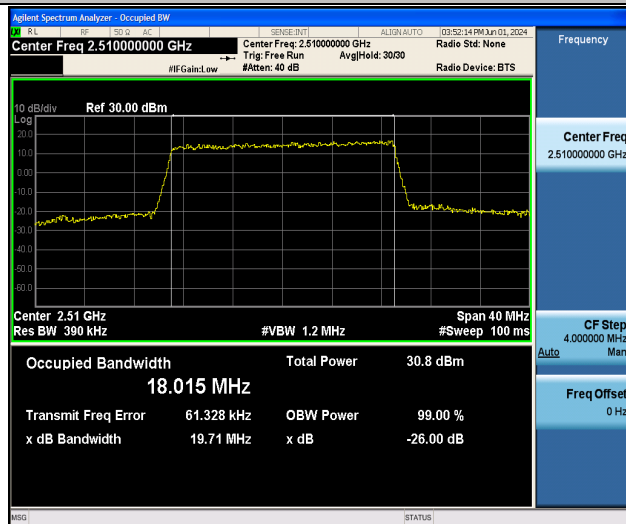
Band7-15MHz-QPSK-21375-75RB#0-PASS



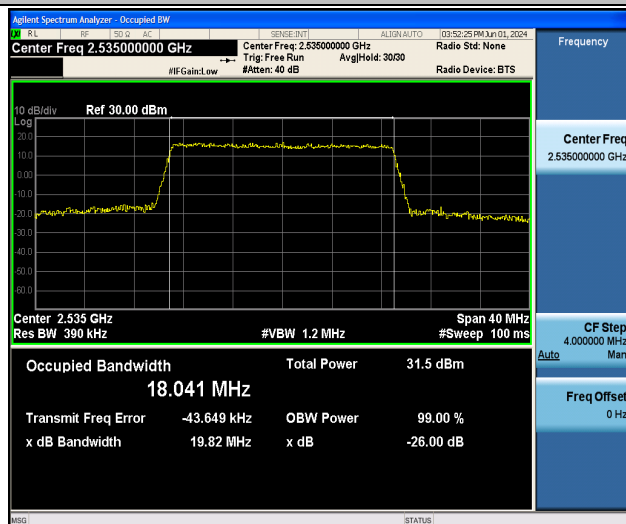
Band7-15MHz-16QAM-21375-75RB#0-PASS



Band7-20MHz-QPSK-20850-100RB#0-PASS



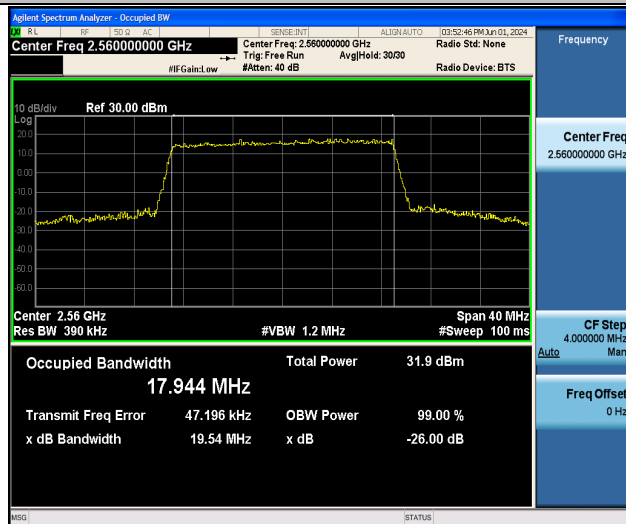
Band7-20MHz-16QAM-20850-100RB#0-PASS



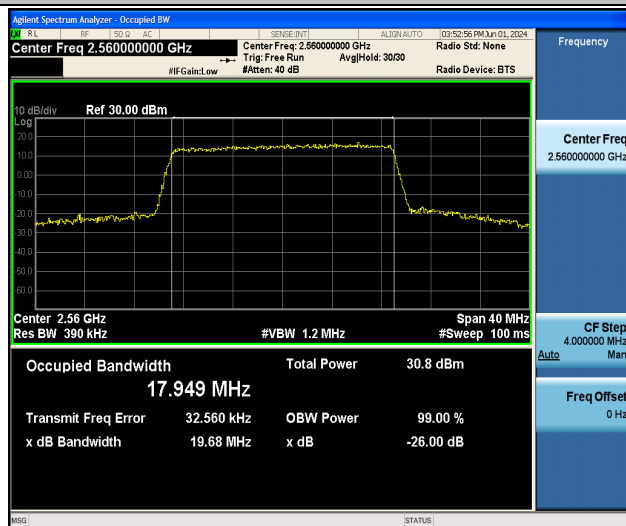
Band7-20MHz-QPSK-21100-100RB#0-PASS



Band7-20MHz-16QAM-21100-100RB#0-PASS



Band7-20MHz-QPSK-21350-100RB#0-PASS



Band7-20MHz-16QAM-21350-100RB#0-PASS

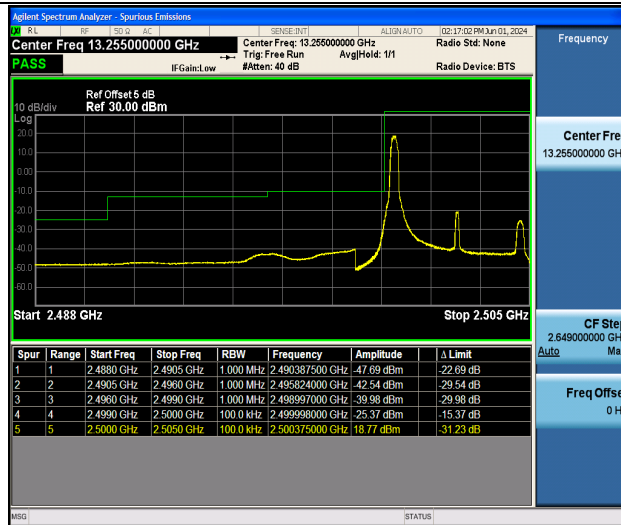
1.4. Appendix D: Band Edge

Test Result

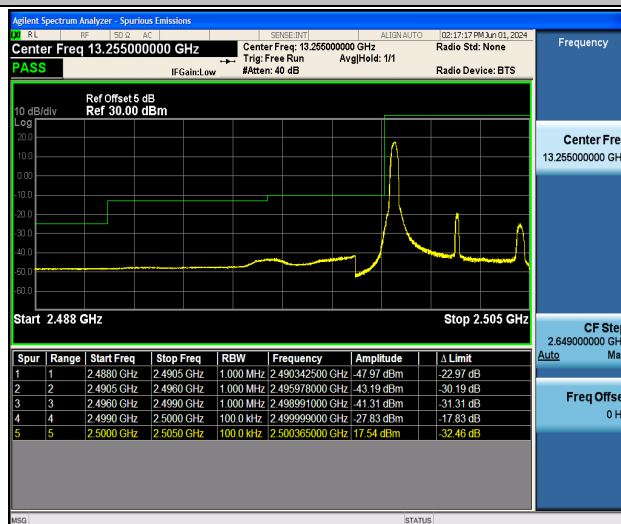
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	-25.37	PASS
Band7	5MHz	16QAM	20775	1RB#0	-27.83	PASS
Band7	5MHz	QPSK	20775	1RB#24	-47.83	PASS
Band7	5MHz	16QAM	20775	1RB#24	-47.97	PASS
Band7	5MHz	QPSK	20775	25RB#0	-30.26	PASS
Band7	5MHz	16QAM	20775	25RB#0	-30.05	PASS
Band7	5MHz	QPSK	21425	1RB#0	-47.49	PASS
Band7	5MHz	16QAM	21425	1RB#0	-47.62	PASS
Band7	5MHz	QPSK	21425	1RB#24	-26.30	PASS
Band7	5MHz	16QAM	21425	1RB#24	-26.87	PASS
Band7	5MHz	QPSK	21425	25RB#0	-23.73	PASS
Band7	5MHz	16QAM	21425	25RB#0	-27.32	PASS
Band7	10MHz	QPSK	20800	1RB#0	-47.92	PASS
Band7	10MHz	16QAM	20800	1RB#0	-47.80	PASS
Band7	10MHz	QPSK	20800	1RB#49	-48.04	PASS
Band7	10MHz	16QAM	20800	1RB#49	-48.12	PASS
Band7	10MHz	QPSK	20800	50RB#0	-41.96	PASS
Band7	10MHz	16QAM	20800	50RB#0	-42.94	PASS
Band7	10MHz	QPSK	21400	1RB#0	-47.74	PASS
Band7	10MHz	16QAM	21400	1RB#0	-47.80	PASS
Band7	10MHz	QPSK	21400	1RB#49	-47.55	PASS
Band7	10MHz	16QAM	21400	1RB#49	-47.69	PASS
Band7	10MHz	QPSK	21400	50RB#0	-23.72	PASS
Band7	10MHz	16QAM	21400	50RB#0	-27.31	PASS
Band7	15MHz	QPSK	20825	1RB#0	-48.22	PASS
Band7	15MHz	16QAM	20825	1RB#0	-48.18	PASS
Band7	15MHz	QPSK	20825	1RB#74	-48.23	PASS
Band7	15MHz	16QAM	20825	1RB#74	-48.25	PASS
Band7	15MHz	QPSK	20825	75RB#0	-31.45	PASS
Band7	15MHz	16QAM	20825	75RB#0	-33.34	PASS
Band7	15MHz	QPSK	21375	1RB#0	-47.74	PASS
Band7	15MHz	16QAM	21375	1RB#0	-47.75	PASS
Band7	15MHz	QPSK	21375	1RB#74	-47.80	PASS

Band7	15MHz	16QAM	21375	1RB#74	-47.81	PASS
Band7	15MHz	QPSK	21375	75RB#0	-23.25	PASS
Band7	15MHz	16QAM	21375	75RB#0	-26.13	PASS
Band7	20MHz	QPSK	20850	1RB#0	-48.23	PASS
Band7	20MHz	16QAM	20850	1RB#0	-48.18	PASS
Band7	20MHz	QPSK	20850	1RB#99	-48.22	PASS
Band7	20MHz	16QAM	20850	1RB#99	-48.27	PASS
Band7	20MHz	QPSK	20850	100RB#0	-33.47	PASS
Band7	20MHz	16QAM	20850	100RB#0	-35.14	PASS
Band7	20MHz	QPSK	21350	1RB#0	-47.76	PASS
Band7	20MHz	16QAM	21350	1RB#0	-47.83	PASS
Band7	20MHz	QPSK	21350	1RB#99	-47.87	PASS
Band7	20MHz	16QAM	21350	1RB#99	-47.83	PASS
Band7	20MHz	QPSK	21350	100RB#0	-26.76	PASS
Band7	20MHz	16QAM	21350	100RB#0	-28.41	PASS

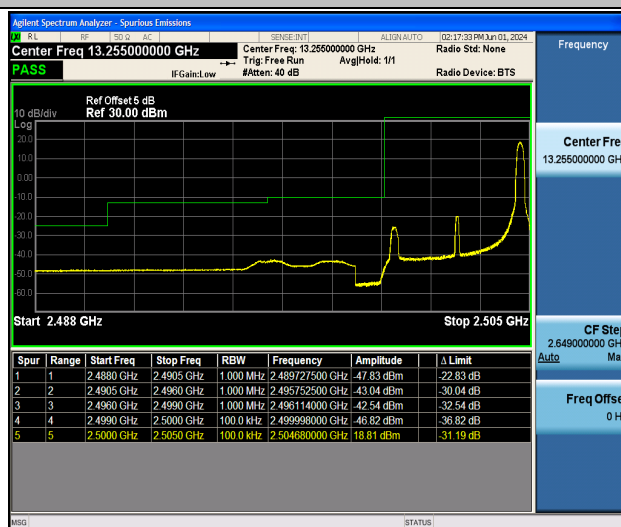
Test Graphs



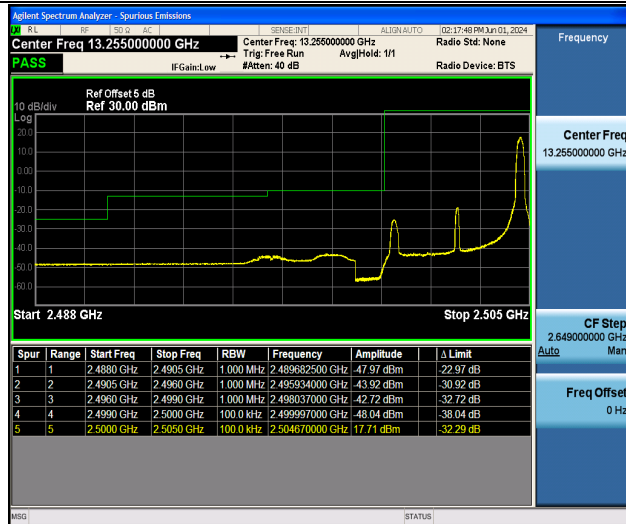
Band7_5MHz_QPSK_20775_1RB#0



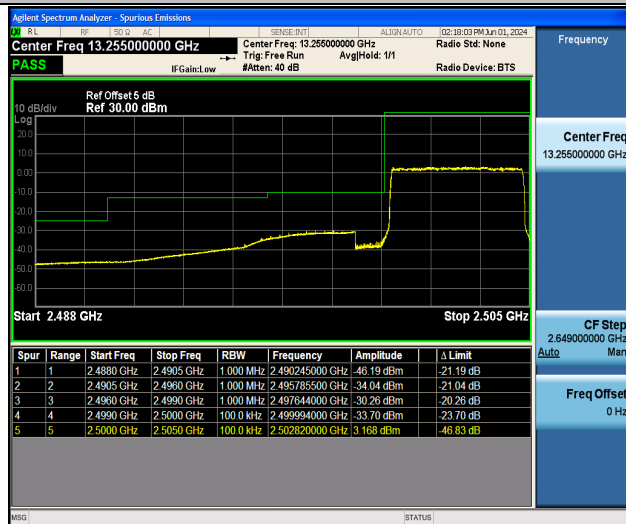
Band7_5MHz_16QAM_20775_1RB#0



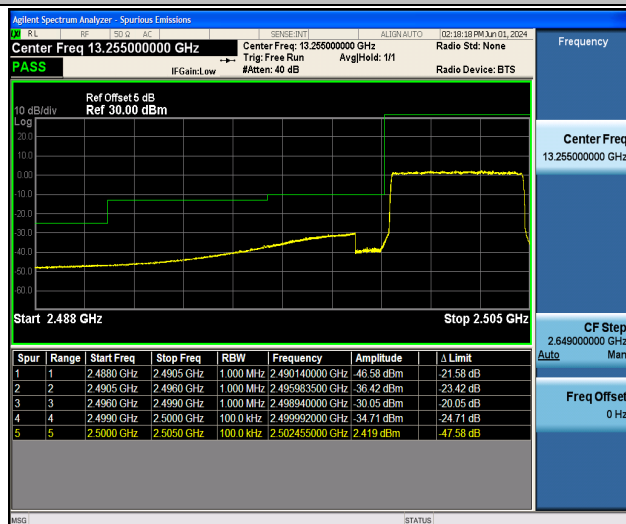
Band7_5MHz_QPSK_20775_1RB#24



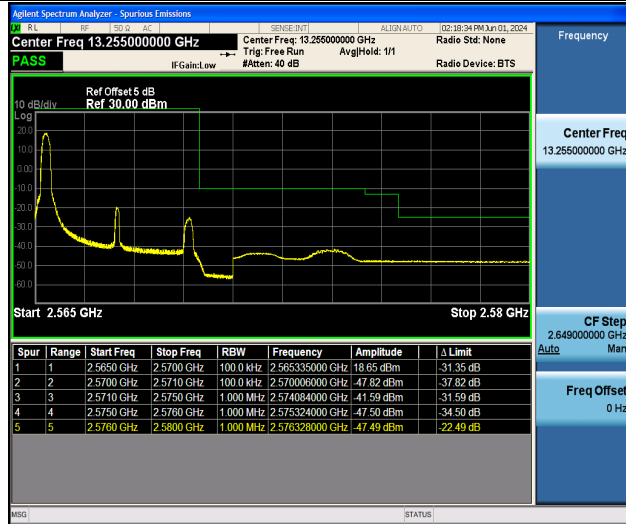
Band7_5MHz_16QAM_20775_1RB#24



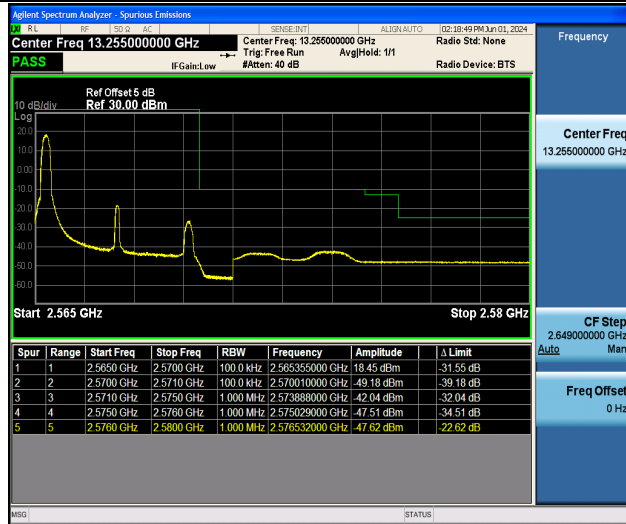
Band7_5MHz_QPSK_20775_25RB#0



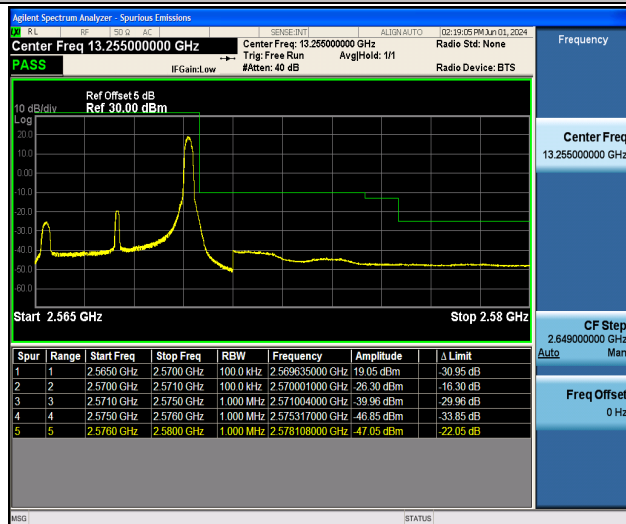
Band7_5MHz_16QAM_20775_25RB#0



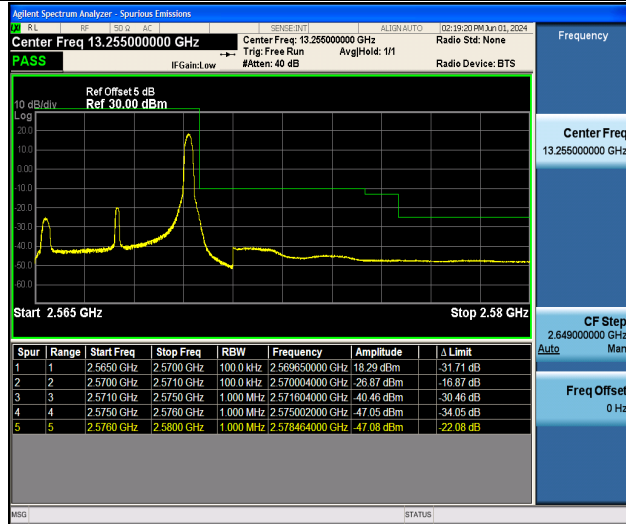
Band7_5MHz_QPSK_21425_1RB#0



Band7_5MHz_16QAM_21425_1RB#0



Band7_5MHz_QPSK_21425_1RB#24



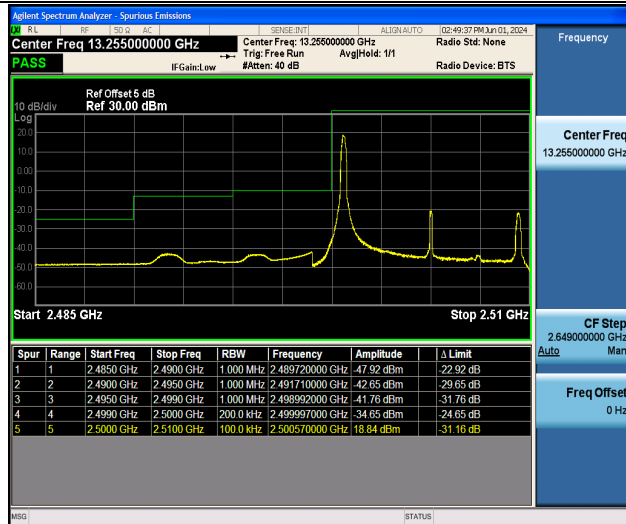
Band7_5MHz_16QAM_21425_1RB#24



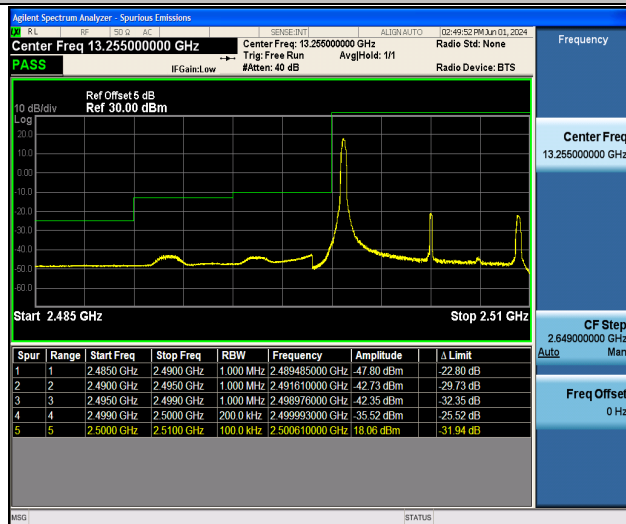
Band7_5MHz_QPSK_21425_25RB#0



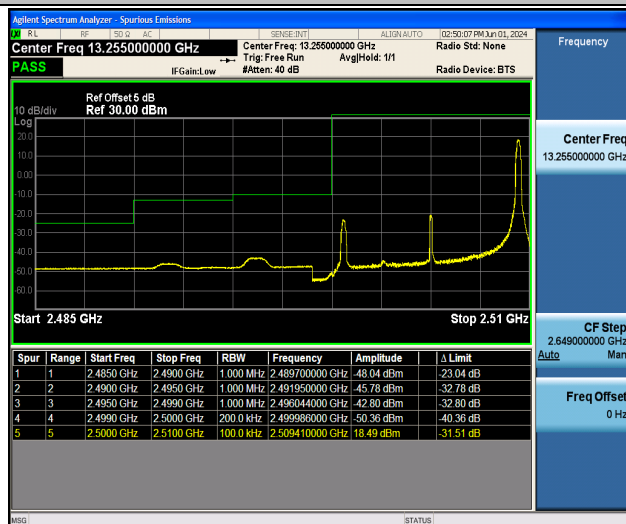
Band7_5MHz_16QAM_21425_25RB#0



Band7_10MHz_QPSK_20800_1RB#0



Band7_10MHz_16QAM_20800_1RB#0



Band7_10MHz_QPSK_20800_1RB#49