



CTC Laboratories, Inc.

1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, 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: Imin Technology Pte Ltd

**Address: 11 Bishan Street 21, #03-05 Bosch Building, Singapore,
573943**

Product Name: POS Device

Model: I23M03

FCC ID: 2AYD5-I23M03

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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	23.82	PASS
Band7	5MHz	16QAM	20775	1RB#0	22.61	PASS
Band7	5MHz	QPSK	20775	1RB#12	23.93	PASS
Band7	5MHz	16QAM	20775	1RB#12	22.76	PASS
Band7	5MHz	QPSK	20775	1RB#24	23.79	PASS
Band7	5MHz	16QAM	20775	1RB#24	22.57	PASS
Band7	5MHz	QPSK	20775	12RB#0	22.73	PASS
Band7	5MHz	16QAM	20775	12RB#0	21.63	PASS
Band7	5MHz	QPSK	20775	12RB#6	22.74	PASS
Band7	5MHz	16QAM	20775	12RB#6	21.61	PASS
Band7	5MHz	QPSK	20775	12RB#13	22.73	PASS
Band7	5MHz	16QAM	20775	12RB#13	21.63	PASS
Band7	5MHz	QPSK	20775	25RB#0	22.72	PASS
Band7	5MHz	16QAM	20775	25RB#0	21.68	PASS
Band7	5MHz	QPSK	21100	1RB#0	23.82	PASS
Band7	5MHz	16QAM	21100	1RB#0	22.79	PASS
Band7	5MHz	QPSK	21100	1RB#12	23.93	PASS
Band7	5MHz	16QAM	21100	1RB#12	22.88	PASS
Band7	5MHz	QPSK	21100	1RB#24	23.80	PASS
Band7	5MHz	16QAM	21100	1RB#24	22.76	PASS
Band7	5MHz	QPSK	21100	12RB#0	22.79	PASS
Band7	5MHz	16QAM	21100	12RB#0	21.77	PASS
Band7	5MHz	QPSK	21100	12RB#6	22.79	PASS
Band7	5MHz	16QAM	21100	12RB#6	21.75	PASS
Band7	5MHz	QPSK	21100	12RB#13	22.85	PASS
Band7	5MHz	16QAM	21100	12RB#13	21.82	PASS
Band7	5MHz	QPSK	21100	25RB#0	22.83	PASS
Band7	5MHz	16QAM	21100	25RB#0	21.78	PASS
Band7	5MHz	QPSK	21425	1RB#0	23.86	PASS
Band7	5MHz	16QAM	21425	1RB#0	22.68	PASS
Band7	5MHz	QPSK	21425	1RB#12	24.02	PASS
Band7	5MHz	16QAM	21425	1RB#12	22.82	PASS
Band7	5MHz	QPSK	21425	1RB#24	23.91	PASS

Band7	5MHz	16QAM	21425	1RB#24	22.65	PASS
Band7	5MHz	QPSK	21425	12RB#0	22.89	PASS
Band7	5MHz	16QAM	21425	12RB#0	21.79	PASS
Band7	5MHz	QPSK	21425	12RB#6	22.87	PASS
Band7	5MHz	16QAM	21425	12RB#6	21.77	PASS
Band7	5MHz	QPSK	21425	12RB#13	22.86	PASS
Band7	5MHz	16QAM	21425	12RB#13	21.79	PASS
Band7	5MHz	QPSK	21425	25RB#0	22.85	PASS
Band7	5MHz	16QAM	21425	25RB#0	21.82	PASS
Band7	10MHz	QPSK	20800	1RB#0	23.75	PASS
Band7	10MHz	16QAM	20800	1RB#0	22.67	PASS
Band7	10MHz	QPSK	20800	1RB#24	23.98	PASS
Band7	10MHz	16QAM	20800	1RB#24	22.79	PASS
Band7	10MHz	QPSK	20800	1RB#49	23.77	PASS
Band7	10MHz	16QAM	20800	1RB#49	22.62	PASS
Band7	10MHz	QPSK	20800	25RB#0	22.80	PASS
Band7	10MHz	16QAM	20800	25RB#0	21.68	PASS
Band7	10MHz	QPSK	20800	25RB#12	22.78	PASS
Band7	10MHz	16QAM	20800	25RB#12	21.68	PASS
Band7	10MHz	QPSK	20800	25RB#25	22.67	PASS
Band7	10MHz	16QAM	20800	25RB#25	21.60	PASS
Band7	10MHz	QPSK	20800	50RB#0	22.71	PASS
Band7	10MHz	16QAM	20800	50RB#0	21.61	PASS
Band7	10MHz	QPSK	21100	1RB#0	23.90	PASS
Band7	10MHz	16QAM	21100	1RB#0	22.64	PASS
Band7	10MHz	QPSK	21100	1RB#24	24.13	PASS
Band7	10MHz	16QAM	21100	1RB#24	22.76	PASS
Band7	10MHz	QPSK	21100	1RB#49	23.93	PASS
Band7	10MHz	16QAM	21100	1RB#49	22.57	PASS
Band7	10MHz	QPSK	21100	25RB#0	22.83	PASS
Band7	10MHz	16QAM	21100	25RB#0	21.83	PASS
Band7	10MHz	QPSK	21100	25RB#12	22.80	PASS
Band7	10MHz	16QAM	21100	25RB#12	21.84	PASS
Band7	10MHz	QPSK	21100	25RB#25	22.84	PASS
Band7	10MHz	16QAM	21100	25RB#25	21.82	PASS
Band7	10MHz	QPSK	21100	50RB#0	22.81	PASS
Band7	10MHz	16QAM	21100	50RB#0	21.80	PASS
Band7	10MHz	QPSK	21400	1RB#0	23.84	PASS

Band7	10MHz	16QAM	21400	1RB#0	22.60	PASS
Band7	10MHz	QPSK	21400	1RB#24	24.10	PASS
Band7	10MHz	16QAM	21400	1RB#24	22.82	PASS
Band7	10MHz	QPSK	21400	1RB#49	23.87	PASS
Band7	10MHz	16QAM	21400	1RB#49	22.57	PASS
Band7	10MHz	QPSK	21400	25RB#0	22.86	PASS
Band7	10MHz	16QAM	21400	25RB#0	21.85	PASS
Band7	10MHz	QPSK	21400	25RB#12	22.87	PASS
Band7	10MHz	16QAM	21400	25RB#12	21.84	PASS
Band7	10MHz	QPSK	21400	25RB#25	22.91	PASS
Band7	10MHz	16QAM	21400	25RB#25	21.90	PASS
Band7	10MHz	QPSK	21400	50RB#0	22.87	PASS
Band7	10MHz	16QAM	21400	50RB#0	21.86	PASS
Band7	15MHz	QPSK	20825	1RB#0	23.64	PASS
Band7	15MHz	16QAM	20825	1RB#0	22.54	PASS
Band7	15MHz	QPSK	20825	1RB#38	23.87	PASS
Band7	15MHz	16QAM	20825	1RB#38	22.74	PASS
Band7	15MHz	QPSK	20825	1RB#74	23.58	PASS
Band7	15MHz	16QAM	20825	1RB#74	22.57	PASS
Band7	15MHz	QPSK	20825	38RB#0	22.86	PASS
Band7	15MHz	16QAM	20825	38RB#0	22.86	PASS
Band7	15MHz	QPSK	20825	38RB#18	22.85	PASS
Band7	15MHz	16QAM	20825	38RB#18	22.86	PASS
Band7	15MHz	QPSK	20825	38RB#37	22.86	PASS
Band7	15MHz	16QAM	20825	38RB#37	22.87	PASS
Band7	15MHz	QPSK	20825	75RB#0	22.87	PASS
Band7	15MHz	16QAM	20825	75RB#0	21.71	PASS
Band7	15MHz	QPSK	21100	1RB#0	23.65	PASS
Band7	15MHz	16QAM	21100	1RB#0	22.74	PASS
Band7	15MHz	QPSK	21100	1RB#38	23.88	PASS
Band7	15MHz	16QAM	21100	1RB#38	22.89	PASS
Band7	15MHz	QPSK	21100	1RB#74	23.59	PASS
Band7	15MHz	16QAM	21100	1RB#74	22.61	PASS
Band7	15MHz	QPSK	21100	38RB#0	22.86	PASS
Band7	15MHz	16QAM	21100	38RB#0	22.88	PASS
Band7	15MHz	QPSK	21100	38RB#18	22.87	PASS
Band7	15MHz	16QAM	21100	38RB#18	22.88	PASS
Band7	15MHz	QPSK	21100	38RB#37	22.89	PASS

Band7	15MHz	16QAM	21100	38RB#37	22.89	PASS
Band7	15MHz	QPSK	21100	75RB#0	22.87	PASS
Band7	15MHz	16QAM	21100	75RB#0	21.78	PASS
Band7	15MHz	QPSK	21375	1RB#0	23.67	PASS
Band7	15MHz	16QAM	21375	1RB#0	22.45	PASS
Band7	15MHz	QPSK	21375	1RB#38	23.91	PASS
Band7	15MHz	16QAM	21375	1RB#38	22.71	PASS
Band7	15MHz	QPSK	21375	1RB#74	23.73	PASS
Band7	15MHz	16QAM	21375	1RB#74	22.44	PASS
Band7	15MHz	QPSK	21375	38RB#0	22.92	PASS
Band7	15MHz	16QAM	21375	38RB#0	22.91	PASS
Band7	15MHz	QPSK	21375	38RB#18	22.92	PASS
Band7	15MHz	16QAM	21375	38RB#18	22.98	PASS
Band7	15MHz	QPSK	21375	38RB#37	22.93	PASS
Band7	15MHz	16QAM	21375	38RB#37	22.92	PASS
Band7	15MHz	QPSK	21375	75RB#0	22.88	PASS
Band7	15MHz	16QAM	21375	75RB#0	21.85	PASS
Band7	20MHz	QPSK	20850	1RB#0	23.62	PASS
Band7	20MHz	16QAM	20850	1RB#0	22.36	PASS
Band7	20MHz	QPSK	20850	1RB#49	24.05	PASS
Band7	20MHz	16QAM	20850	1RB#49	22.78	PASS
Band7	20MHz	QPSK	20850	1RB#99	23.63	PASS
Band7	20MHz	16QAM	20850	1RB#99	22.45	PASS
Band7	20MHz	QPSK	20850	50RB#0	22.79	PASS
Band7	20MHz	16QAM	20850	50RB#0	21.72	PASS
Band7	20MHz	QPSK	20850	50RB#25	22.79	PASS
Band7	20MHz	16QAM	20850	50RB#25	21.68	PASS
Band7	20MHz	QPSK	20850	50RB#50	22.62	PASS
Band7	20MHz	16QAM	20850	50RB#50	21.59	PASS
Band7	20MHz	QPSK	20850	100RB#0	22.69	PASS
Band7	20MHz	16QAM	20850	100RB#0	21.69	PASS
Band7	20MHz	QPSK	21100	1RB#0	23.77	PASS
Band7	20MHz	16QAM	21100	1RB#0	22.75	PASS
Band7	20MHz	QPSK	21100	1RB#49	24.11	PASS
Band7	20MHz	16QAM	21100	1RB#49	23.08	PASS
Band7	20MHz	QPSK	21100	1RB#99	23.74	PASS
Band7	20MHz	16QAM	21100	1RB#99	22.57	PASS
Band7	20MHz	QPSK	21100	50RB#0	22.65	PASS

Band7	20MHz	16QAM	21100	50RB#0	21.61	PASS
Band7	20MHz	QPSK	21100	50RB#25	22.64	PASS
Band7	20MHz	16QAM	21100	50RB#25	21.66	PASS
Band7	20MHz	QPSK	21100	50RB#50	22.71	PASS
Band7	20MHz	16QAM	21100	50RB#50	21.64	PASS
Band7	20MHz	QPSK	21100	100RB#0	22.63	PASS
Band7	20MHz	16QAM	21100	100RB#0	21.65	PASS
Band7	20MHz	QPSK	21350	1RB#0	23.59	PASS
Band7	20MHz	16QAM	21350	1RB#0	22.37	PASS
Band7	20MHz	QPSK	21350	1RB#49	23.98	PASS
Band7	20MHz	16QAM	21350	1RB#49	22.84	PASS
Band7	20MHz	QPSK	21350	1RB#99	23.56	PASS
Band7	20MHz	16QAM	21350	1RB#99	22.42	PASS
Band7	20MHz	QPSK	21350	50RB#0	22.83	PASS
Band7	20MHz	16QAM	21350	50RB#0	21.80	PASS
Band7	20MHz	QPSK	21350	50RB#25	22.80	PASS
Band7	20MHz	16QAM	21350	50RB#25	21.85	PASS
Band7	20MHz	QPSK	21350	50RB#50	22.80	PASS
Band7	20MHz	16QAM	21350	50RB#50	21.81	PASS
Band7	20MHz	QPSK	21350	100RB#0	22.82	PASS
Band7	20MHz	16QAM	21350	100RB#0	21.82	PASS

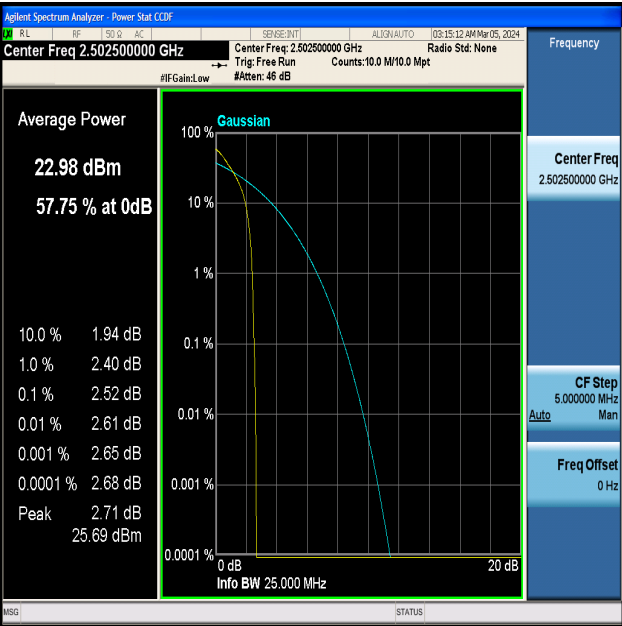
1.2. Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

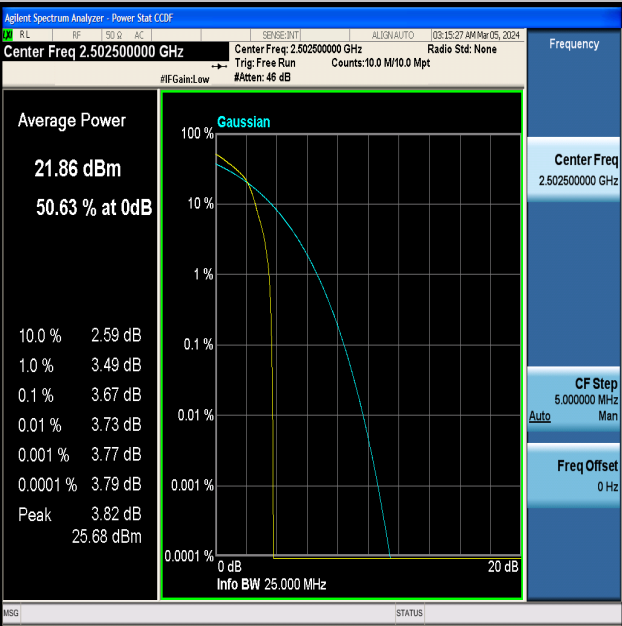
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	2.52	13	PASS
Band7	5MHz	16QAM	20775	1RB#0	3.67	13	PASS
Band7	5MHz	QPSK	20775	25RB#0	3.61	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.66	13	PASS
Band7	5MHz	QPSK	21100	1RB#0	3.54	13	PASS
Band7	5MHz	16QAM	21100	1RB#0	4.49	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.27	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	5.18	13	PASS
Band7	5MHz	QPSK	21425	1RB#0	3.77	13	PASS
Band7	5MHz	16QAM	21425	1RB#0	4.64	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.44	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	5.32	13	PASS
Band7	10MHz	QPSK	20800	1RB#0	2.47	13	PASS
Band7	10MHz	16QAM	20800	1RB#0	3.77	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	3.63	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	4.63	13	PASS
Band7	10MHz	QPSK	21100	1RB#0	3.75	13	PASS
Band7	10MHz	16QAM	21100	1RB#0	4.76	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	4.30	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	5.22	13	PASS
Band7	10MHz	QPSK	21400	1RB#0	3.80	13	PASS
Band7	10MHz	16QAM	21400	1RB#0	4.78	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	4.48	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	5.39	13	PASS
Band7	15MHz	QPSK	20825	1RB#0	2.59	13	PASS
Band7	15MHz	16QAM	20825	1RB#0	3.86	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	4.11	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	5.02	13	PASS
Band7	15MHz	QPSK	21100	1RB#0	4.05	13	PASS
Band7	15MHz	16QAM	21100	1RB#0	5.01	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	4.67	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	5.47	13	PASS
Band7	15MHz	QPSK	21375	1RB#0	3.66	13	PASS
Band7	15MHz	16QAM	21375	1RB#0	4.64	13	PASS

Band7	15MHz	QPSK	21375	75RB#0	4.89	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	5.59	13	PASS
Band7	20MHz	QPSK	20850	1RB#0	2.71	13	PASS
Band7	20MHz	16QAM	20850	1RB#0	4.00	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	4.57	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	5.37	13	PASS
Band7	20MHz	QPSK	21100	1RB#0	4.18	13	PASS
Band7	20MHz	16QAM	21100	1RB#0	4.98	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	4.78	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	5.62	13	PASS
Band7	20MHz	QPSK	21350	1RB#0	3.33	13	PASS
Band7	20MHz	16QAM	21350	1RB#0	4.35	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	4.95	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	5.71	13	PASS

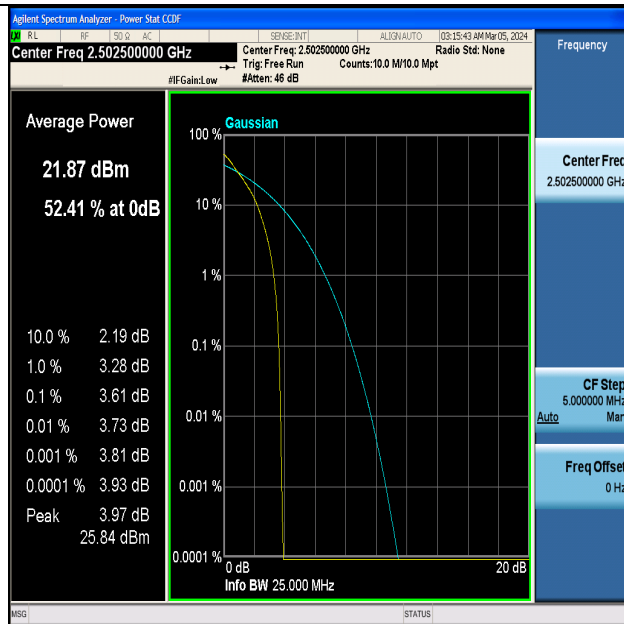
Test Graphs



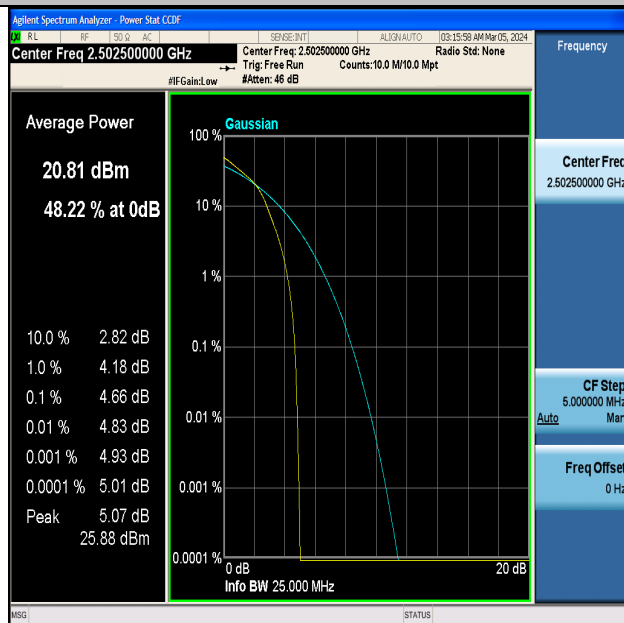
Band7-5MHz-QPSK-20775-1RB#0-PASS



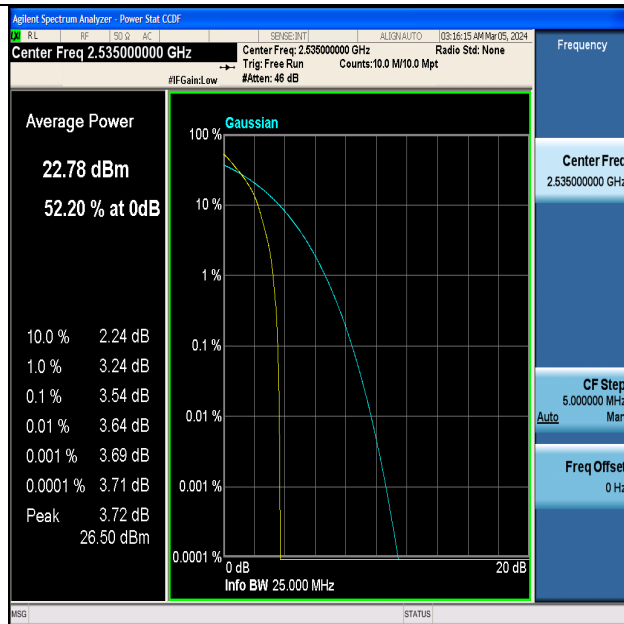
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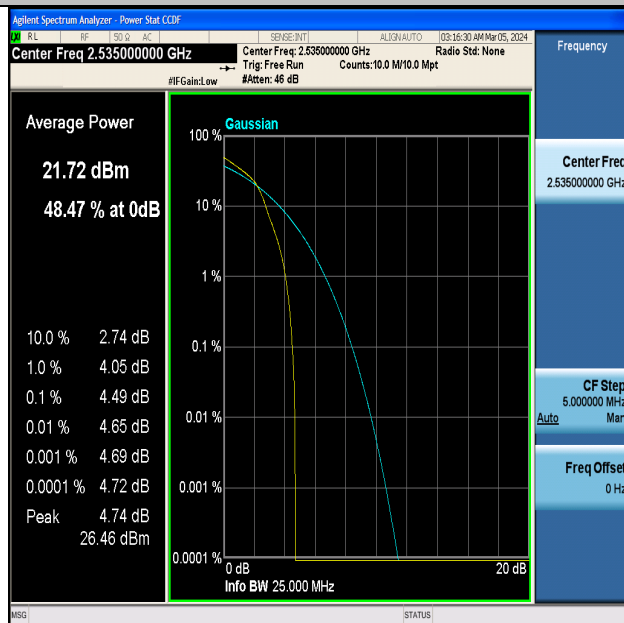
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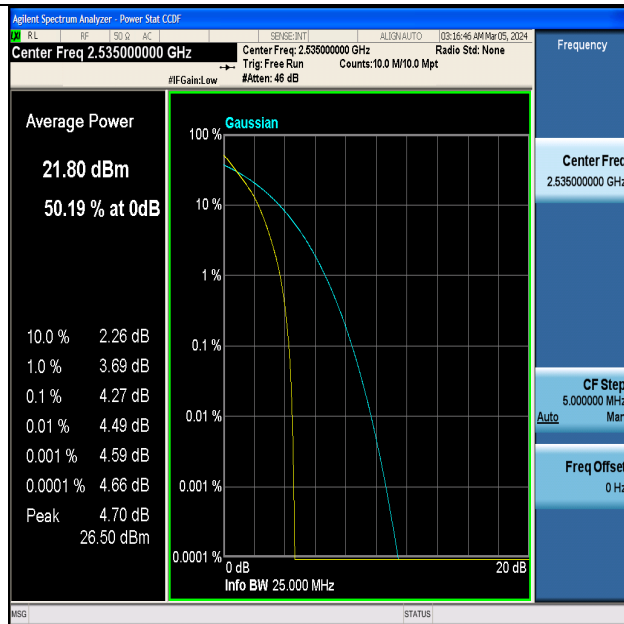
Band7-5MHz-16QAM-20775-25RB#0-PASS



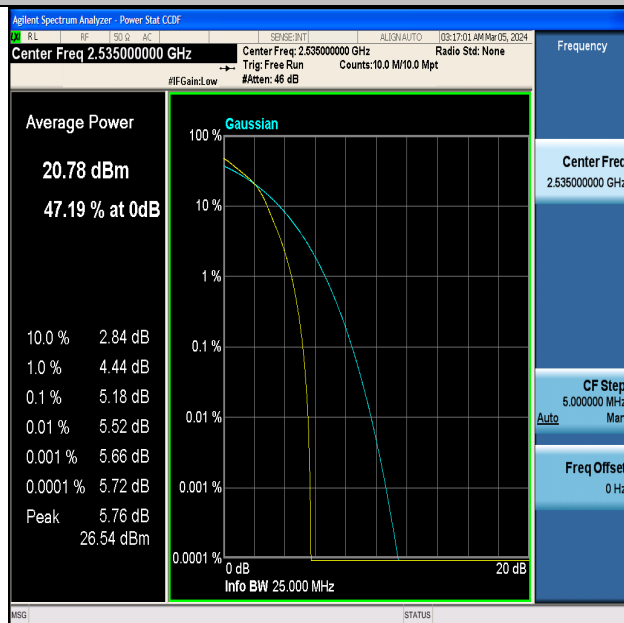
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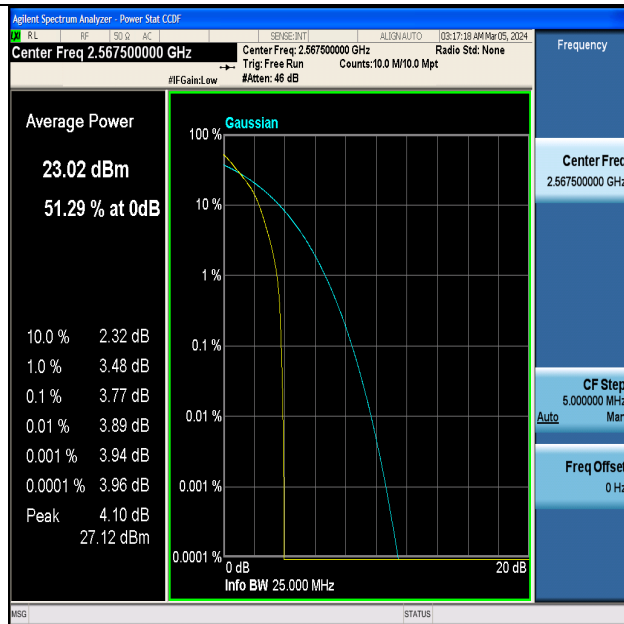
Band7-5MHz-16QAM-21100-1RB#0-PASS



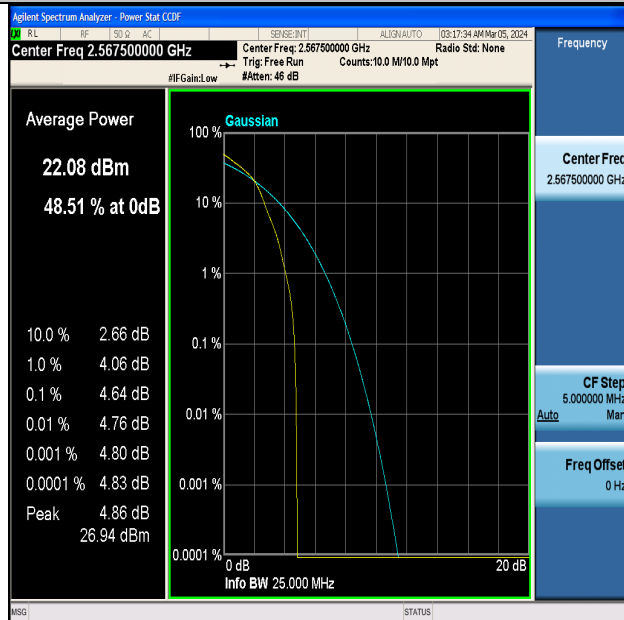
Band7-5MHz-QPSK-21100-25RB#0-PASS



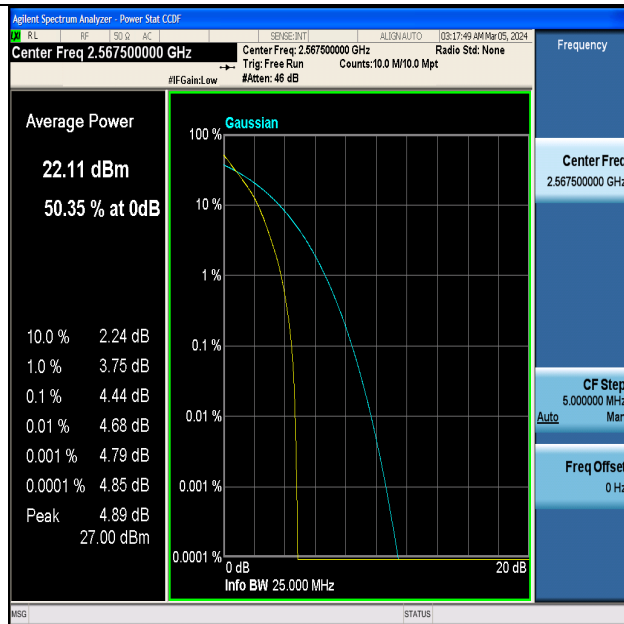
Band7-5MHz-16QAM-21100-25RB#0-PASS



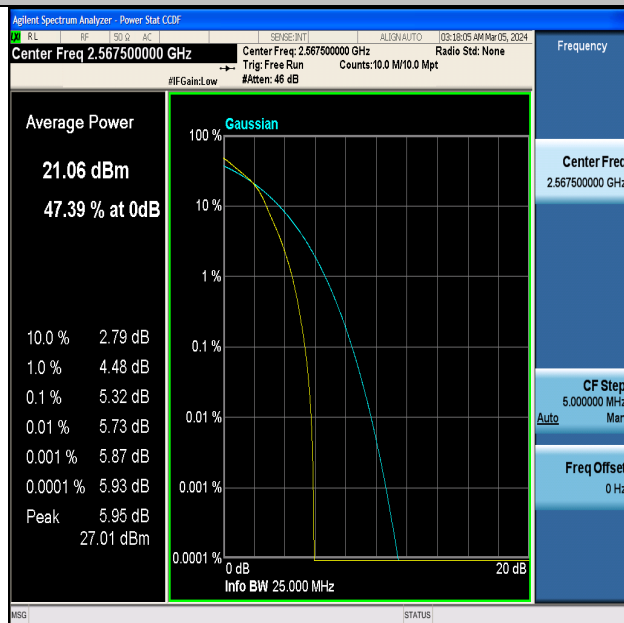
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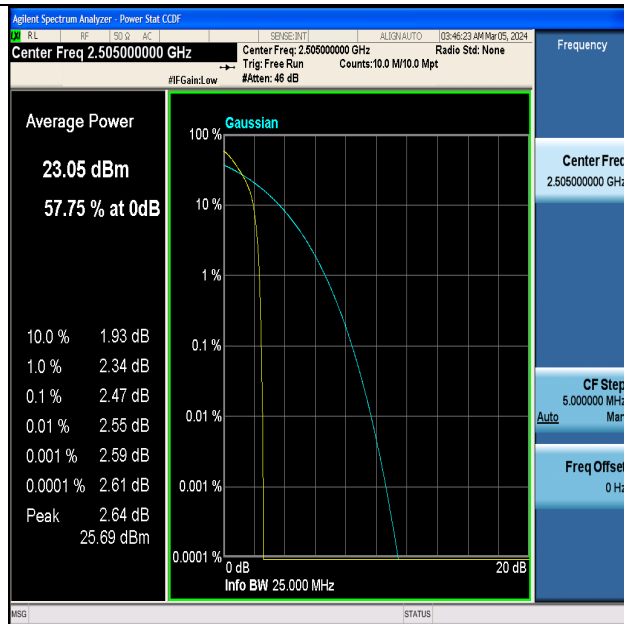
Band7-5MHz-16QAM-21425-1RB#0-PASS



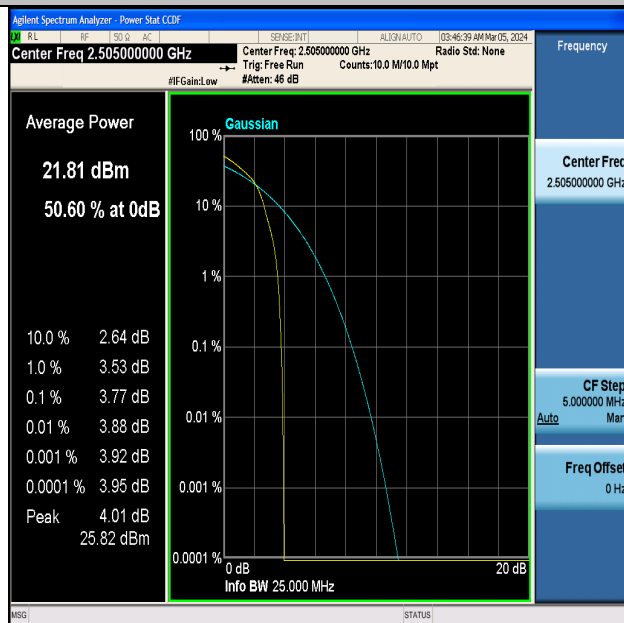
Band7-5MHz-QPSK-21425-25RB#0-PASS



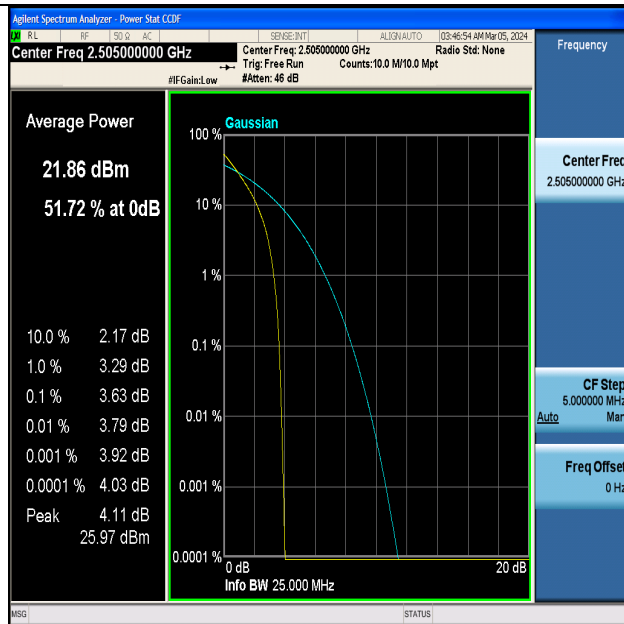
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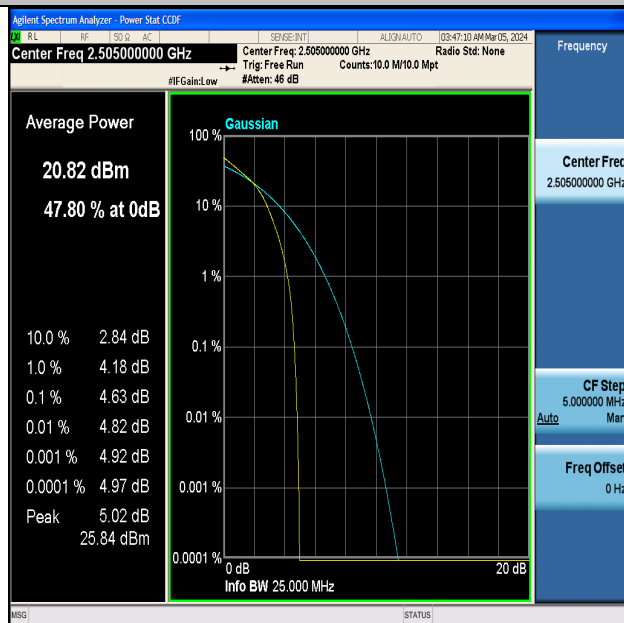
Band7-10MHz-QPSK-20800-1RB#0-PASS



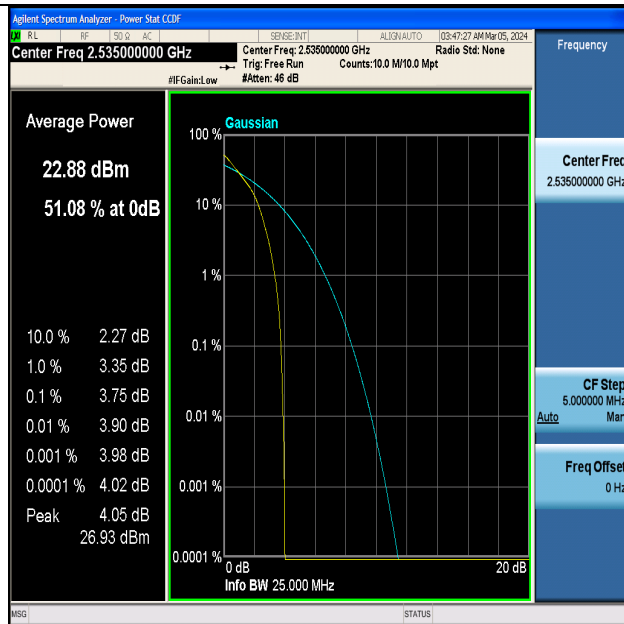
Band7-10MHz-16QAM-20800-1RB#0-PASS



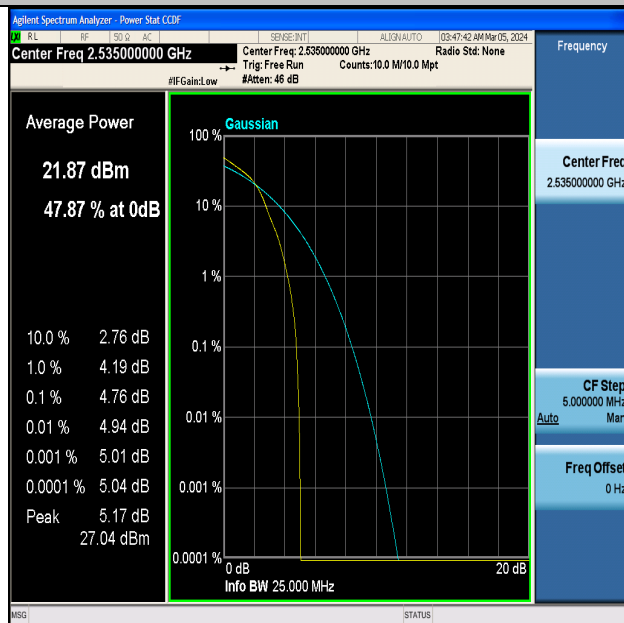
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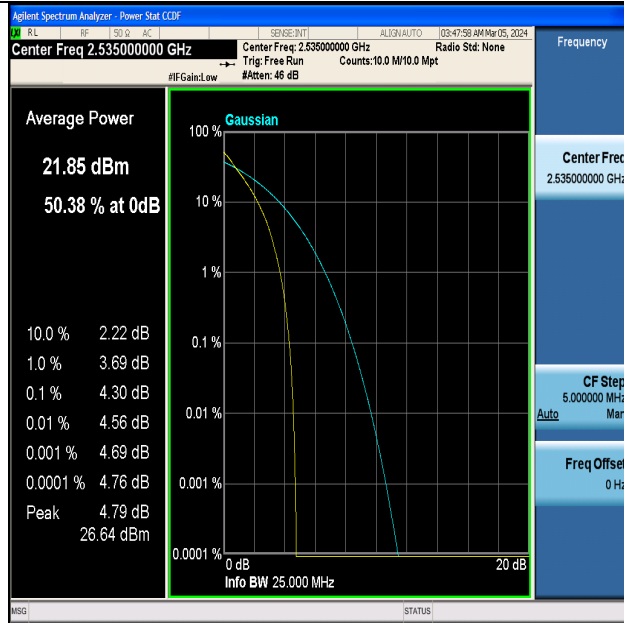
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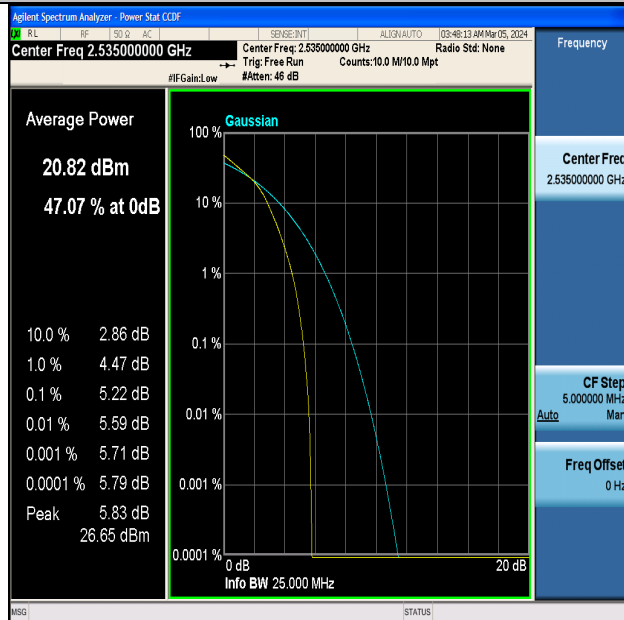
Band7-10MHz-QPSK-21100-1RB#0-PASS



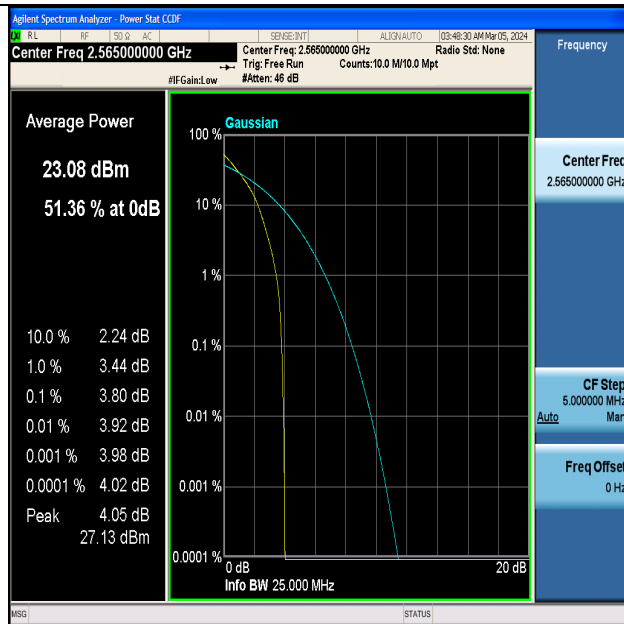
Band7-10MHz-16QAM-21100-1RB#0-PASS



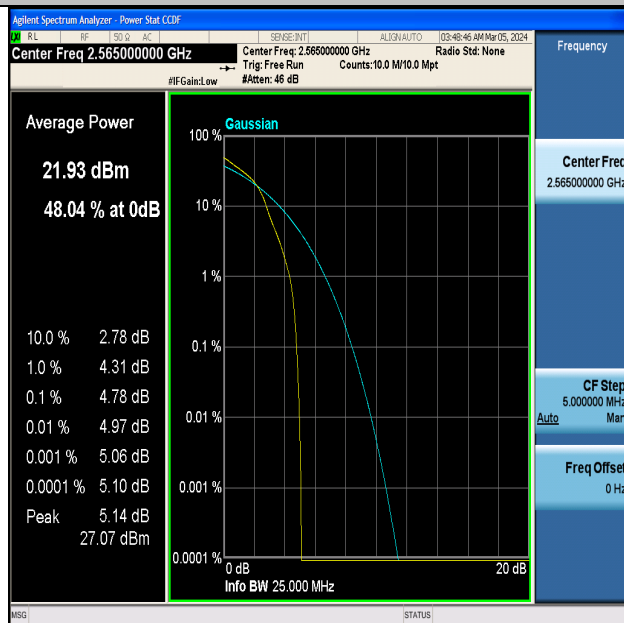
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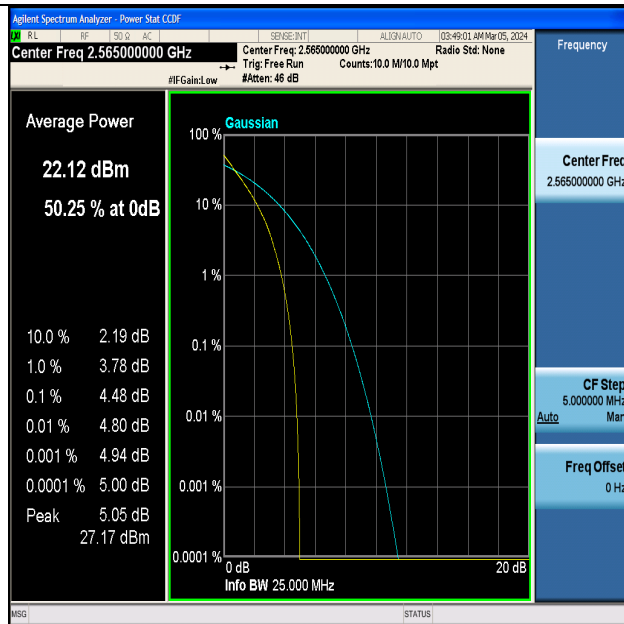
Band7-10MHz-16QAM-21100-50RB#0-PASS



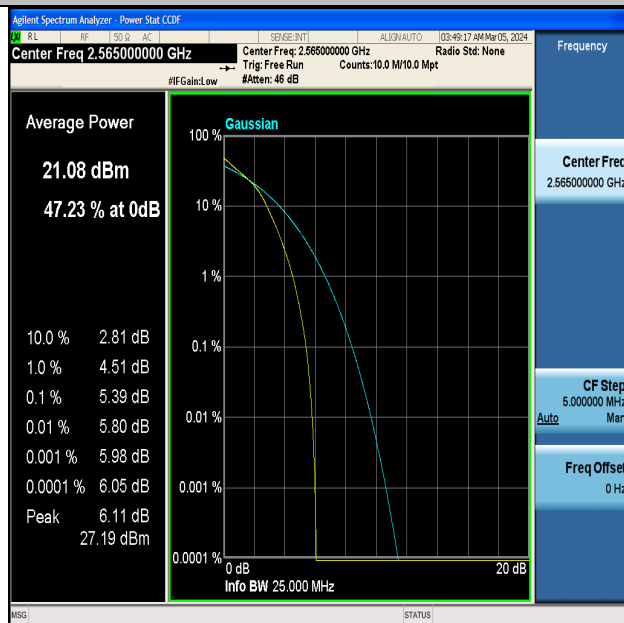
Band7-10MHz-QPSK-21400-1RB#0-PASS



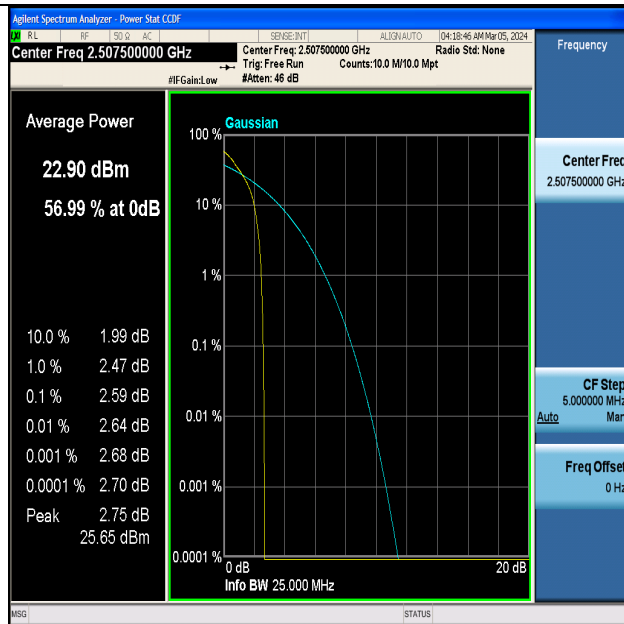
Band7-10MHz-16QAM-21400-1RB#0-PASS



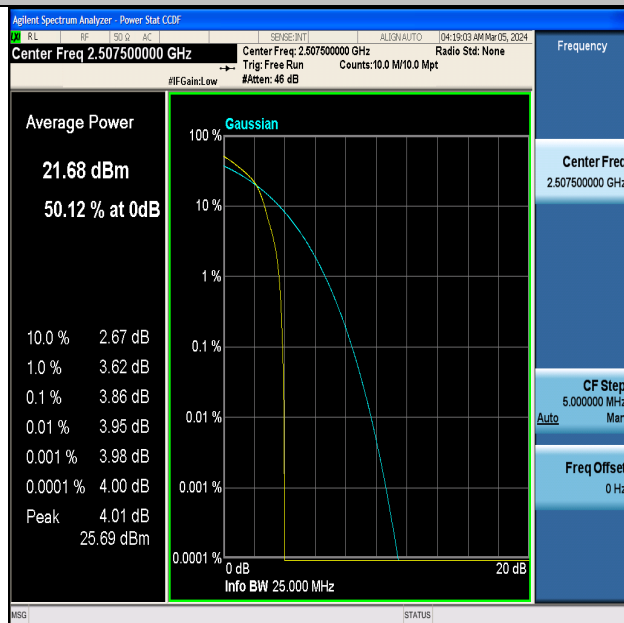
Band7-10MHz-QPSK-21400-50RB#0-PASS



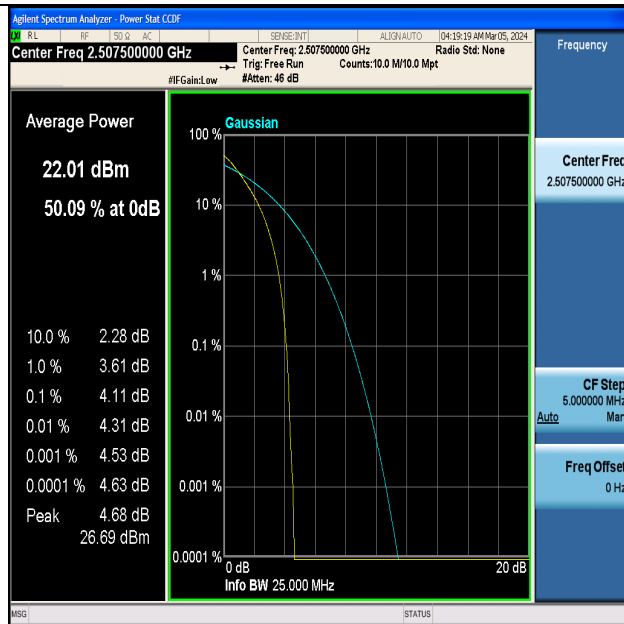
Band7-10MHz-16QAM-21400-50RB#0-PASS



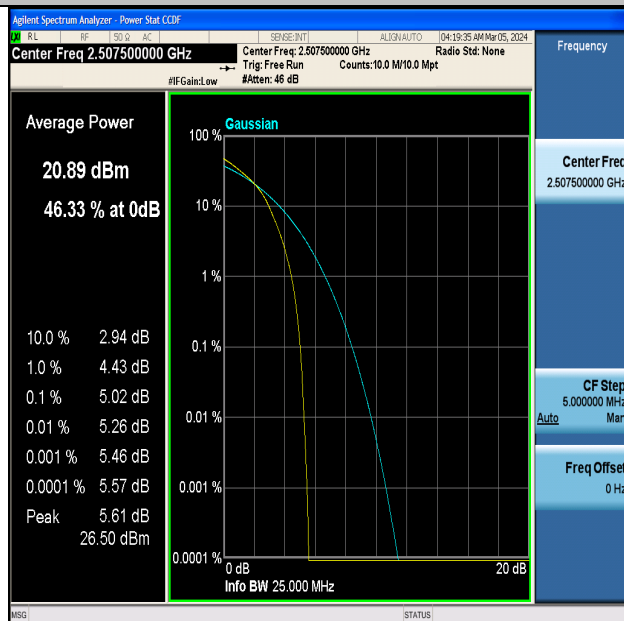
Band7-15MHz-QPSK-20825-1RB#0-PASS



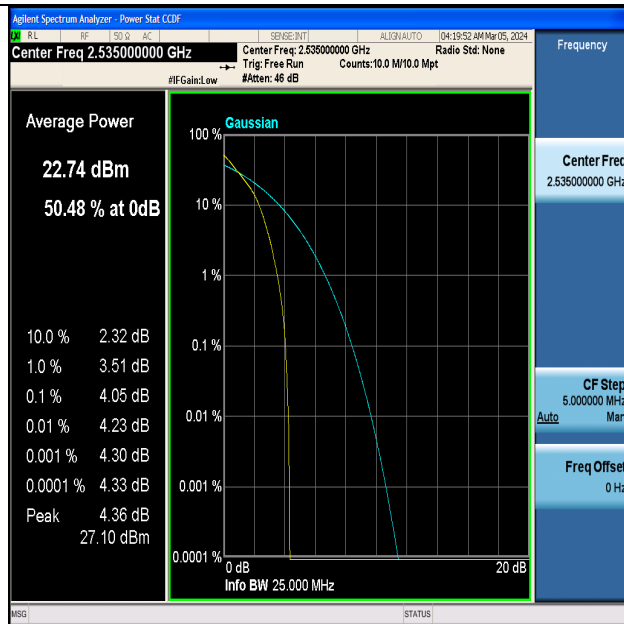
Band7-15MHz-16QAM-20825-1RB#0-PASS



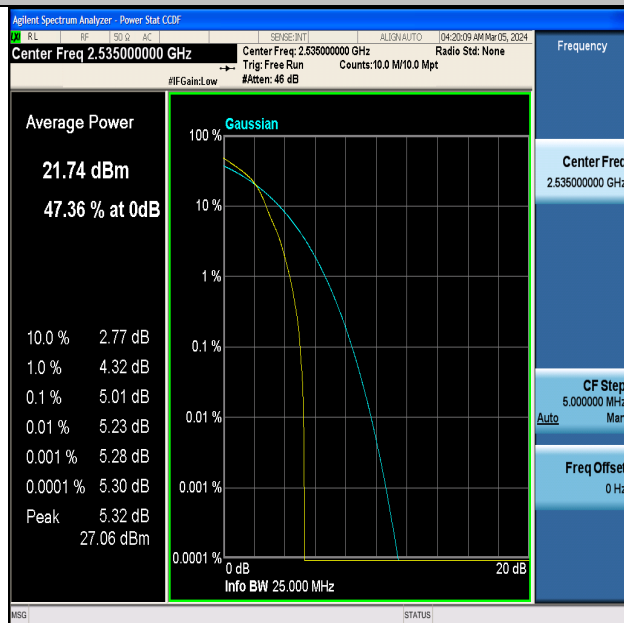
Band7-15MHz-QPSK-20825-75RB#0-PASS



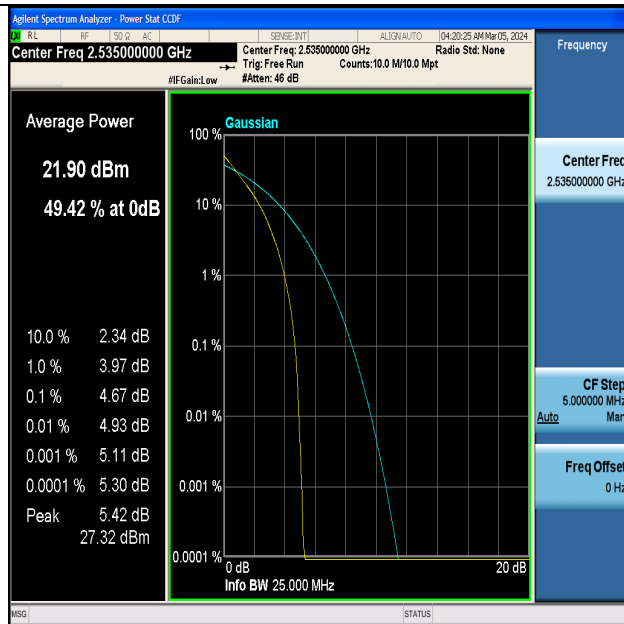
Band7-15MHz-16QAM-20825-75RB#0-PASS



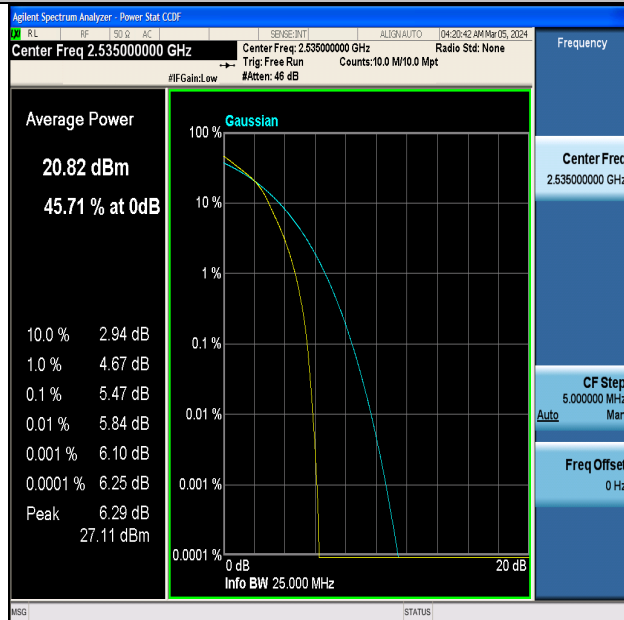
Band7-15MHz-QPSK-21100-1RB#0-PASS



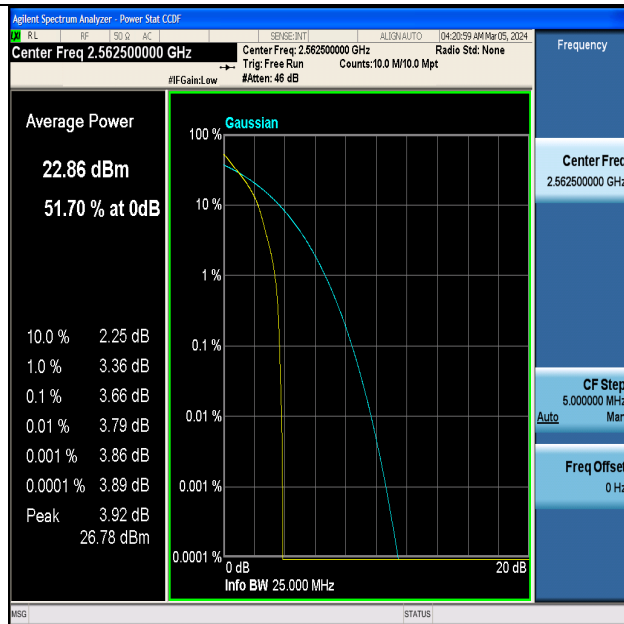
Band7-15MHz-16QAM-21100-1RB#0-PASS



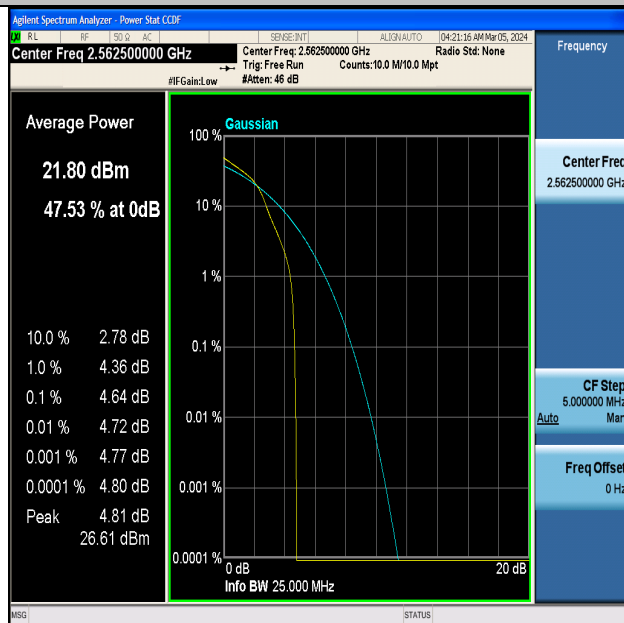
Band7-15MHz-QPSK-21100-75RB#0-PASS



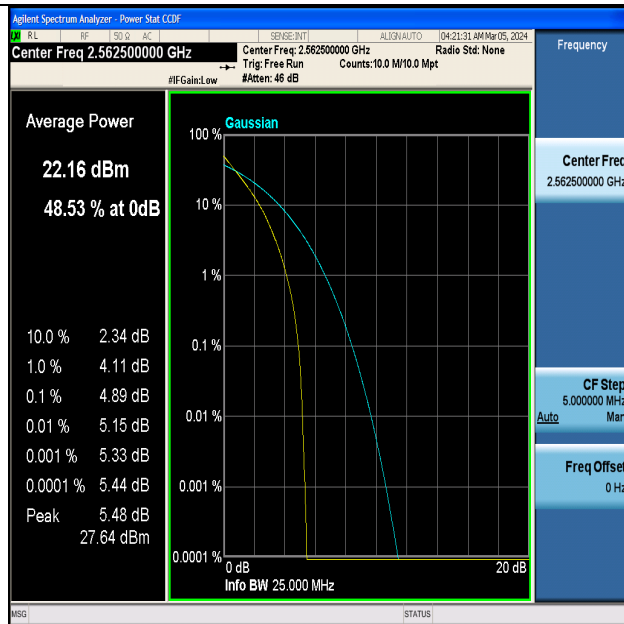
Band7-15MHz-16QAM-21100-75RB#0-PASS



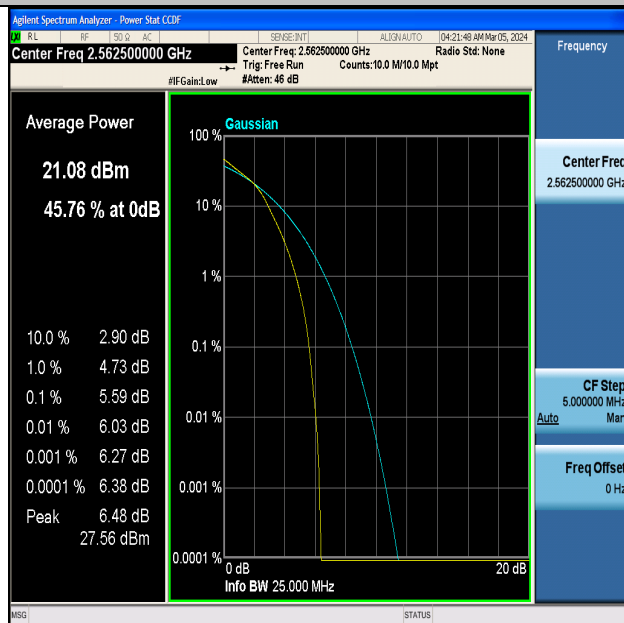
Band7-15MHz-QPSK-21375-1RB#0-PASS



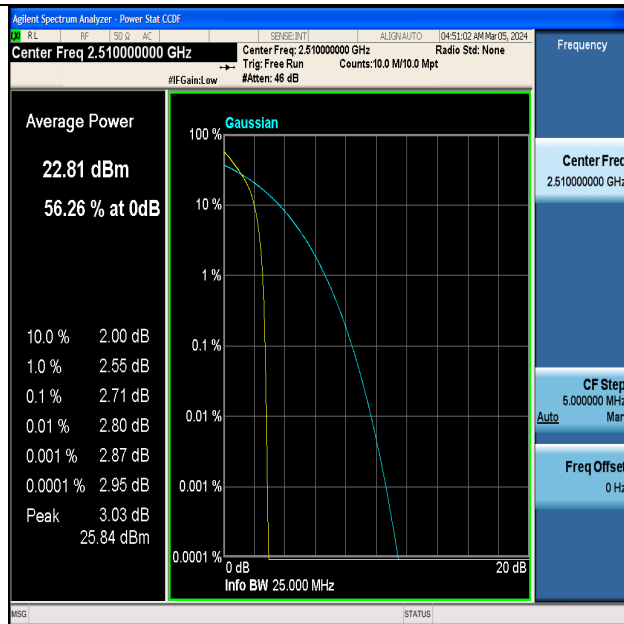
Band7-15MHz-16QAM-21375-1RB#0-PASS



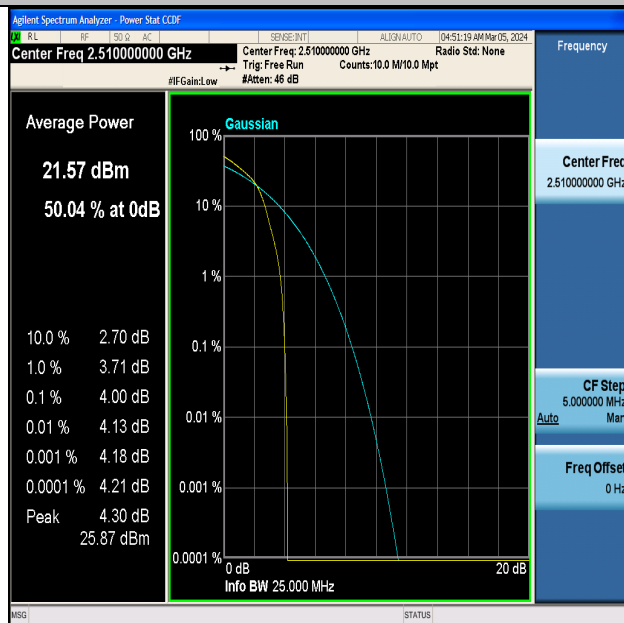
Band7-15MHz-QPSK-21375-75RB#0-PASS



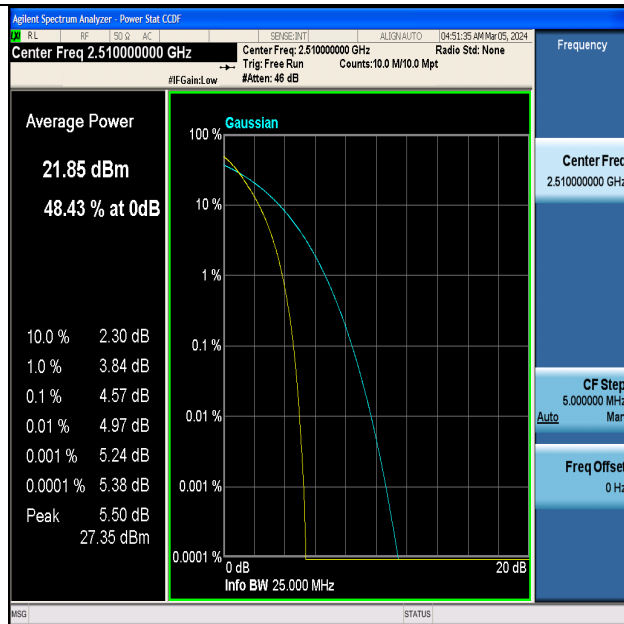
Band7-15MHz-16QAM-21375-75RB#0-PASS



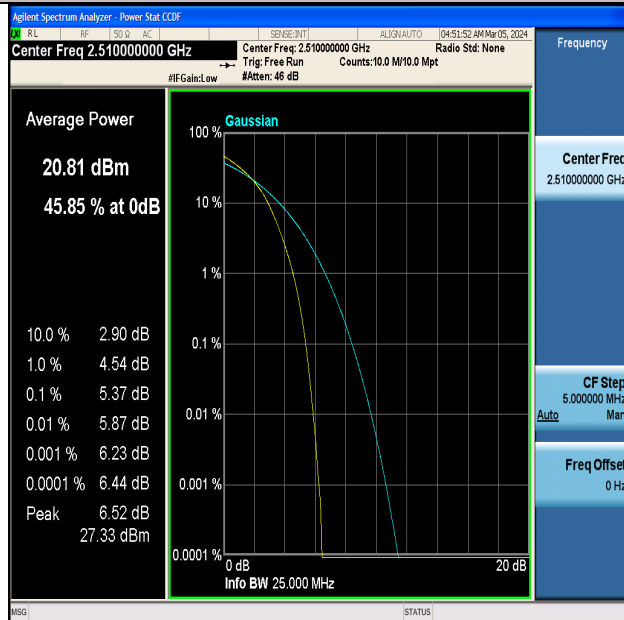
Band7-20MHz-QPSK-20850-1RB#0-PASS



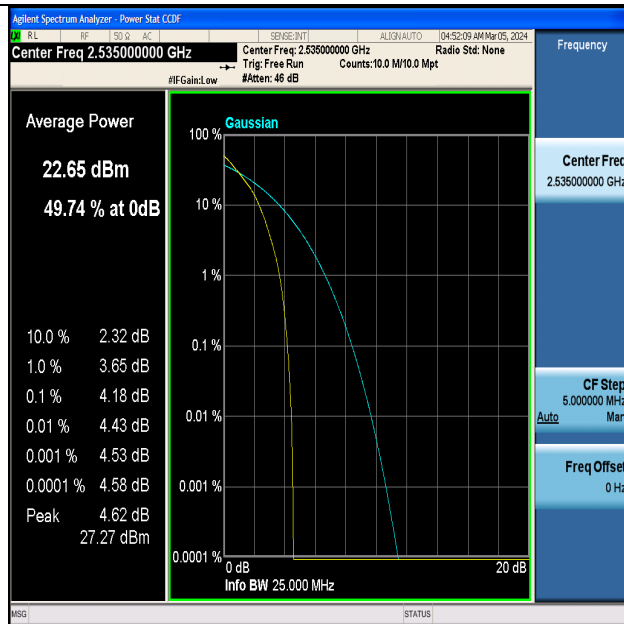
Band7-20MHz-16QAM-20850-1RB#0-PASS



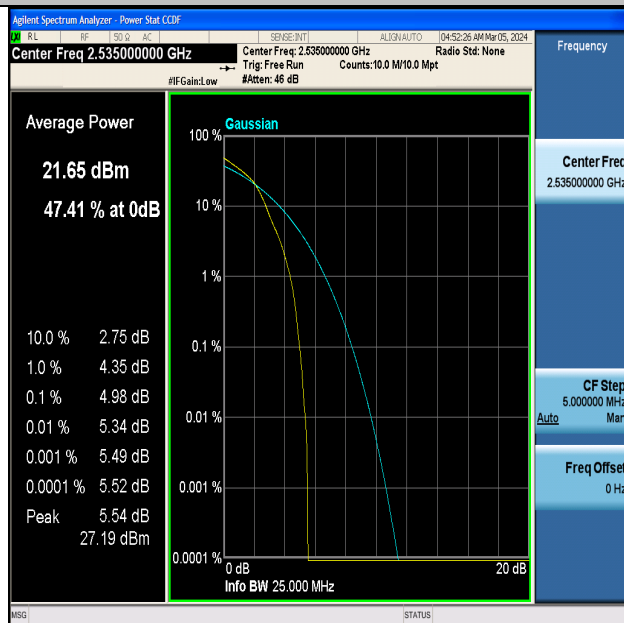
Band7-20MHz-QPSK-20850-100RB#0-PASS



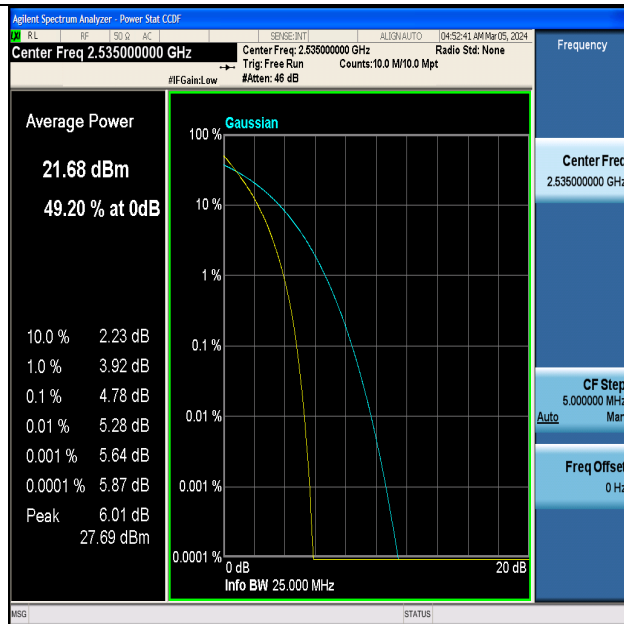
Band7-20MHz-16QAM-20850-100RB#0-PASS



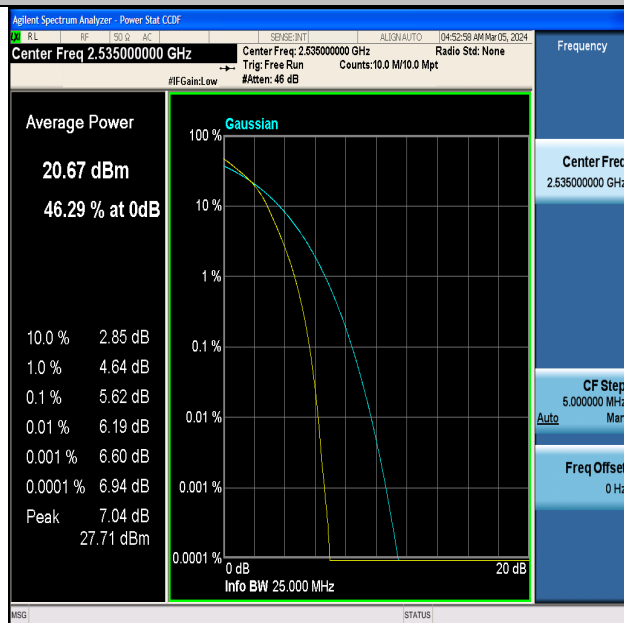
Band7-20MHz-QPSK-21100-1RB#0-PASS



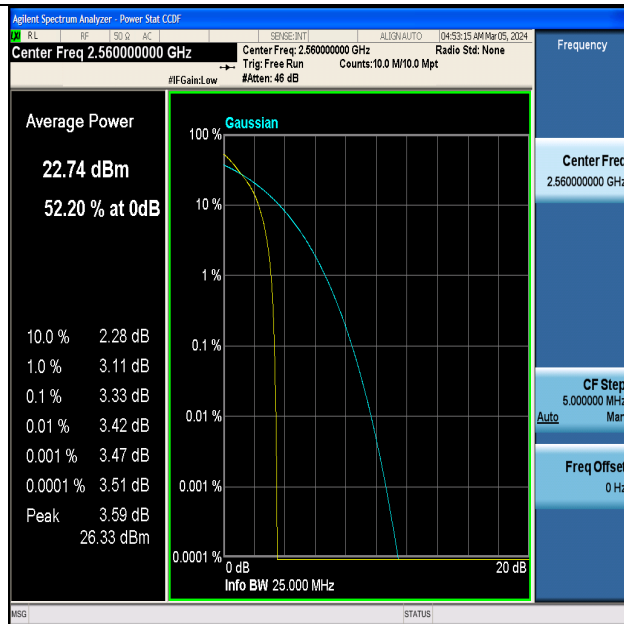
Band7-20MHz-16QAM-21100-1RB#0-PASS



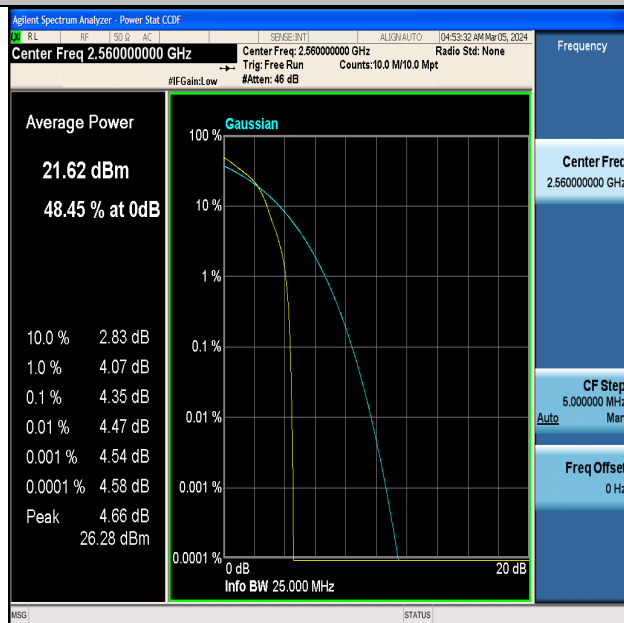
Band7-20MHz-QPSK-21100-100RB#0-PASS



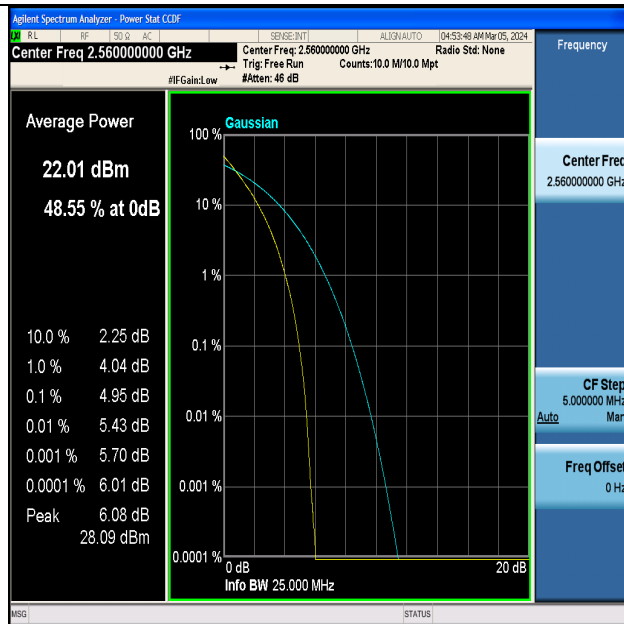
Band7-20MHz-16QAM-21100-100RB#0-PASS



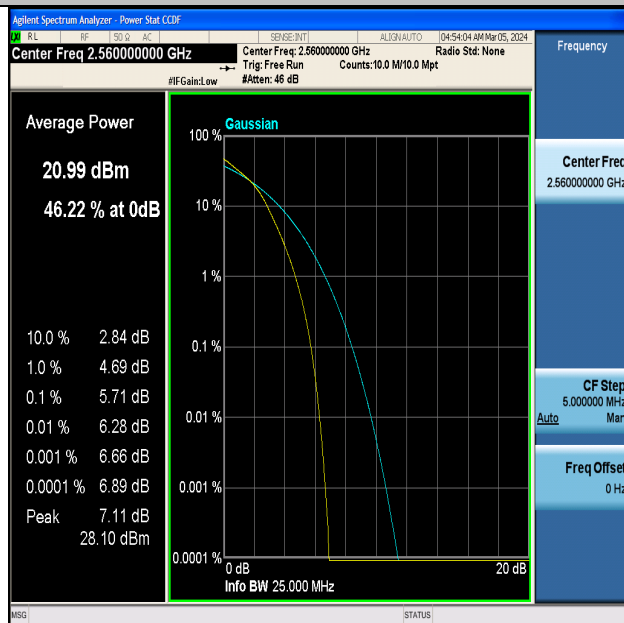
Band7-20MHz-QPSK-21350-1RB#0-PASS



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



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



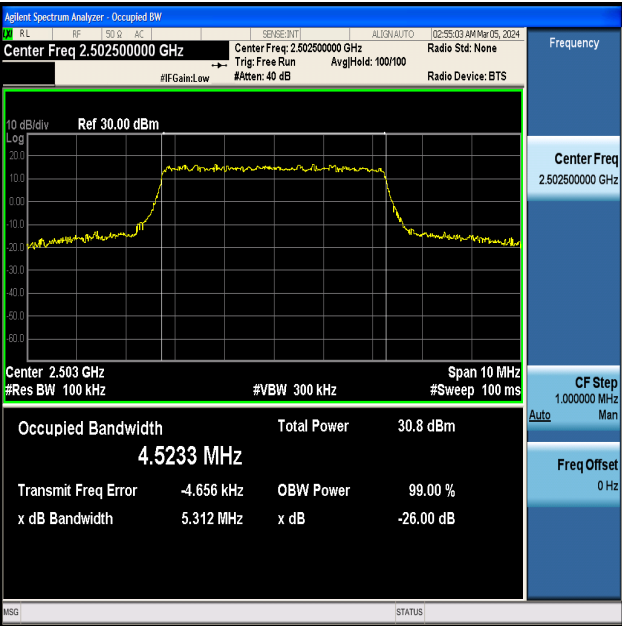
Band7-20MHz-16QAM-21350-100RB#0-PASS

1.3. Appendix C: 26dB Bandwidth and Occupied Bandwidth

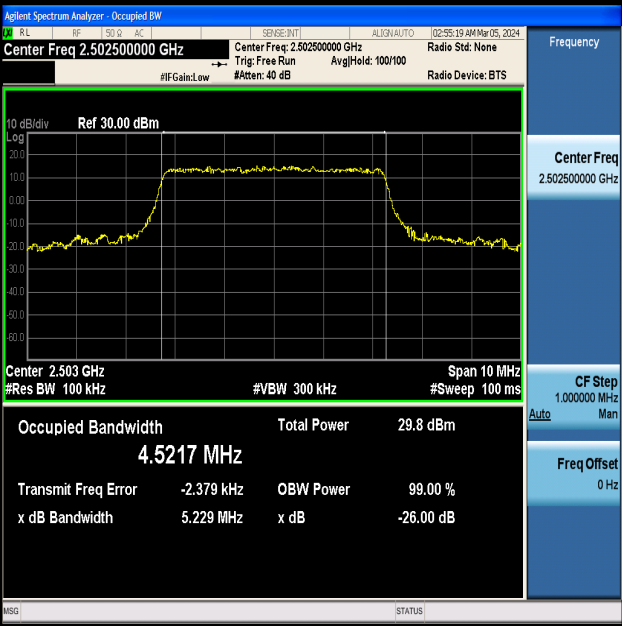
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.5233	5.312	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.5217	5.229	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.5087	5.184	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5278	5.182	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5221	5.187	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5406	5.199	PASS
Band7	10MHz	QPSK	20800	50RB#0	9.0160	10.23	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9926	10.03	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9999	10.12	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9935	10.10	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9890	10.11	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9903	10.05	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.519	14.94	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.508	14.92	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.490	15.18	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.487	15.06	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.473	15.11	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.501	15.09	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.987	19.78	PASS
Band7	20MHz	16QAM	20850	100RB#0	18.020	19.78	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.973	19.88	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.905	19.59	PASS
Band7	20MHz	QPSK	21350	100RB#0	18.009	19.81	PASS
Band7	20MHz	16QAM	21350	100RB#0	18.013	20.18	PASS

Test Graphs



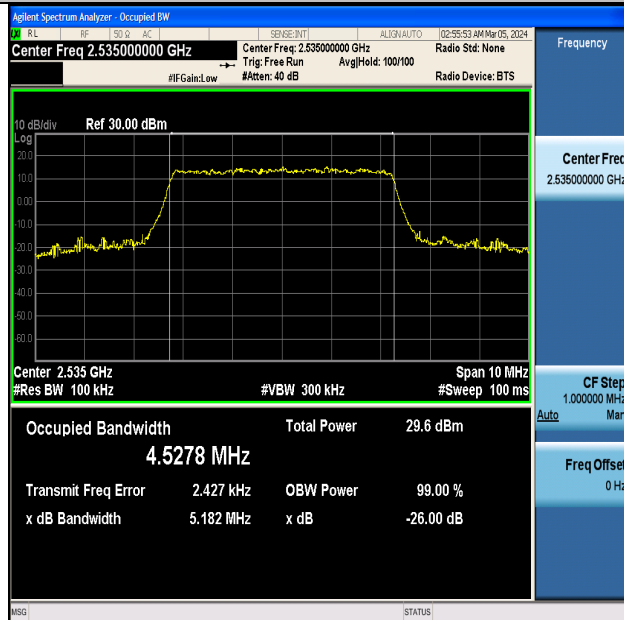
Band7-5MHz-QPSK-20775-25RB#0-PASS



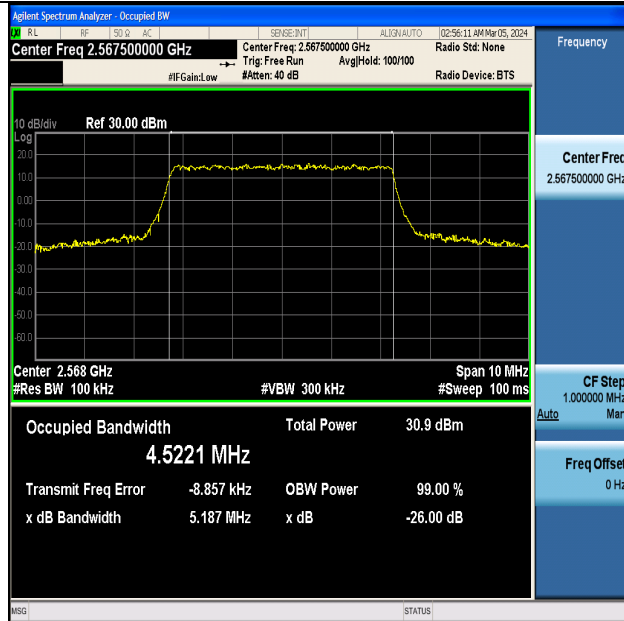
Band7-5MHz-16QAM-20775-25RB#0-PASS



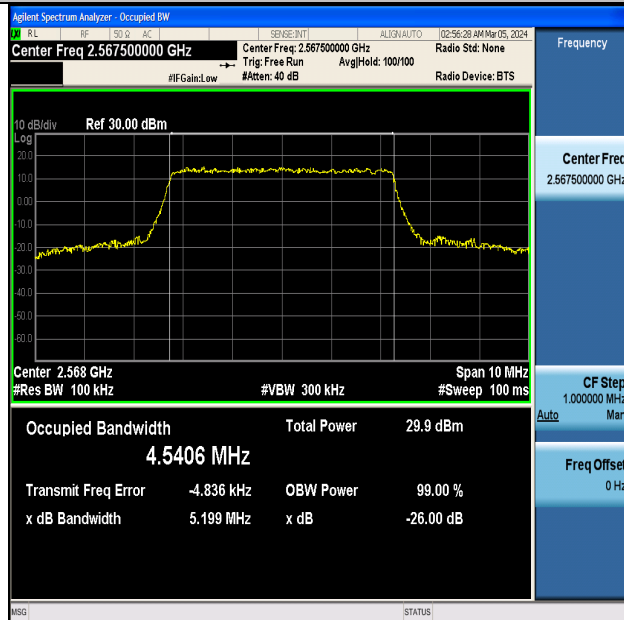
Band7-5MHz-QPSK-21100-25RB#0-PASS



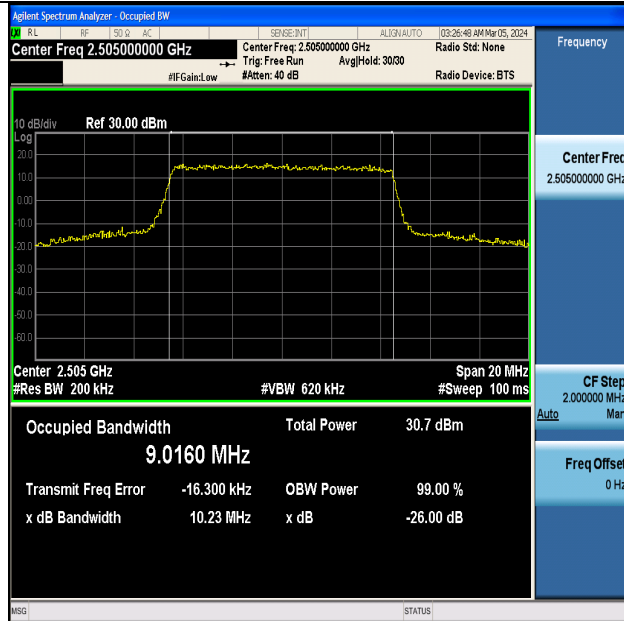
Band7-5MHz-16QAM-21100-25RB#0-PASS



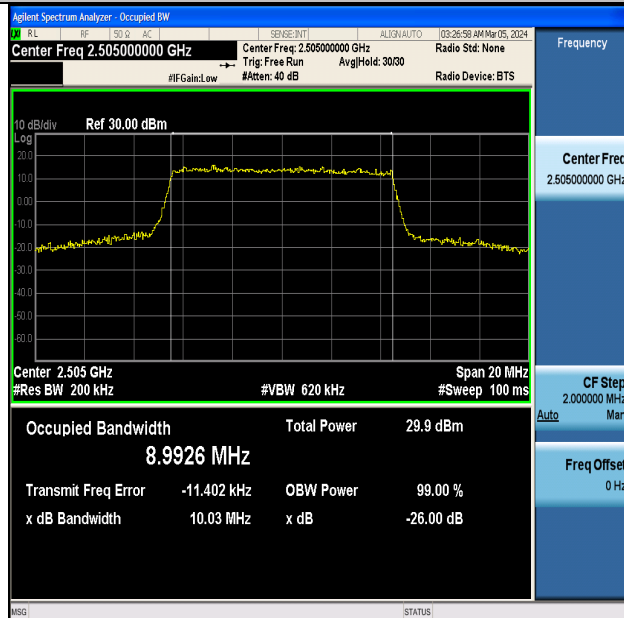
Band7-5MHz-QPSK-21425-25RB#0-PASS



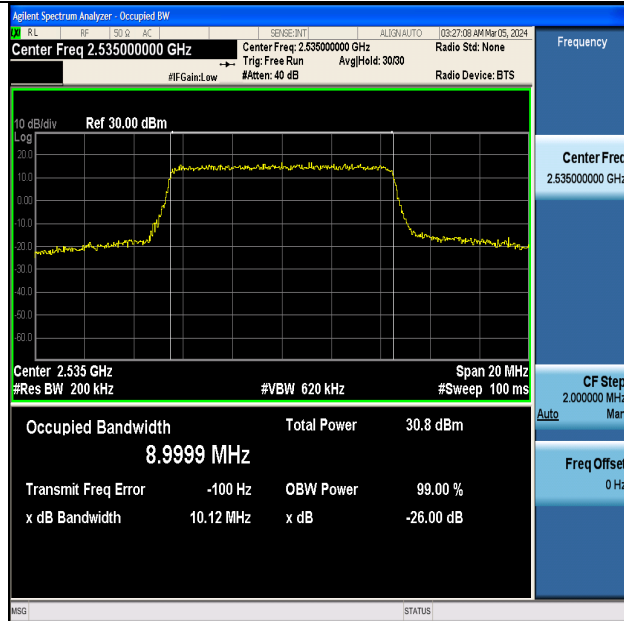
Band7-5MHz-16QAM-21425-25RB#0-PASS



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



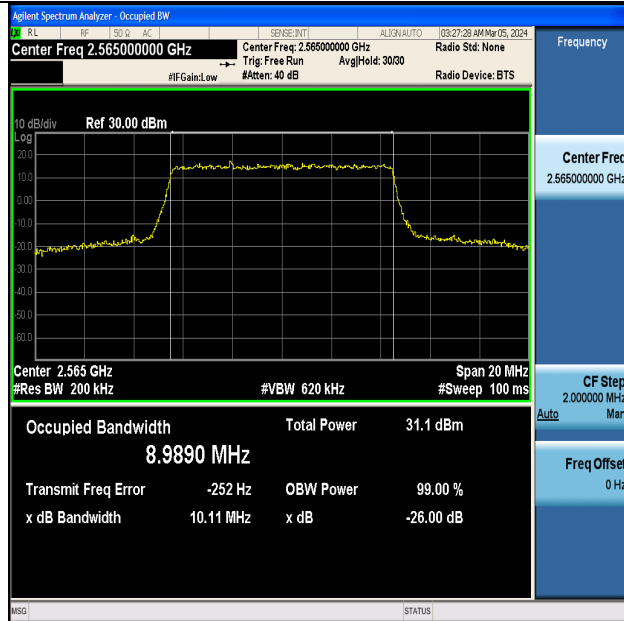
Band7-10MHz-16QAM-20800-50RB#0-PASS



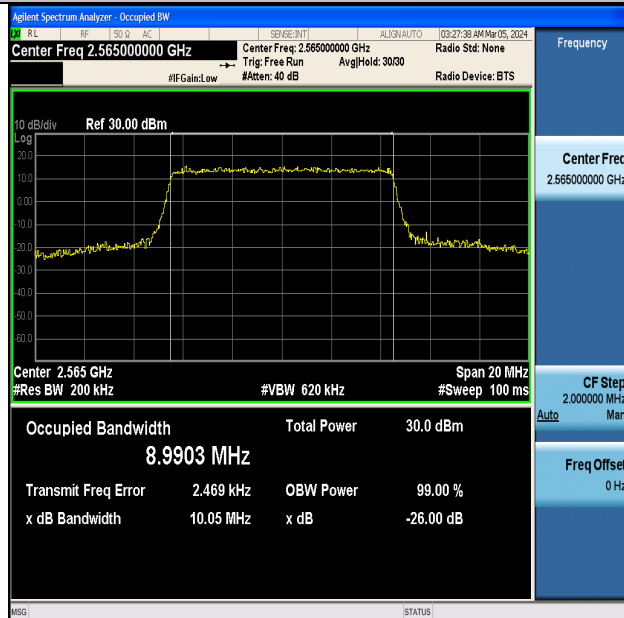
Band7-10MHz-QPSK-21100-50RB#0-PASS



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



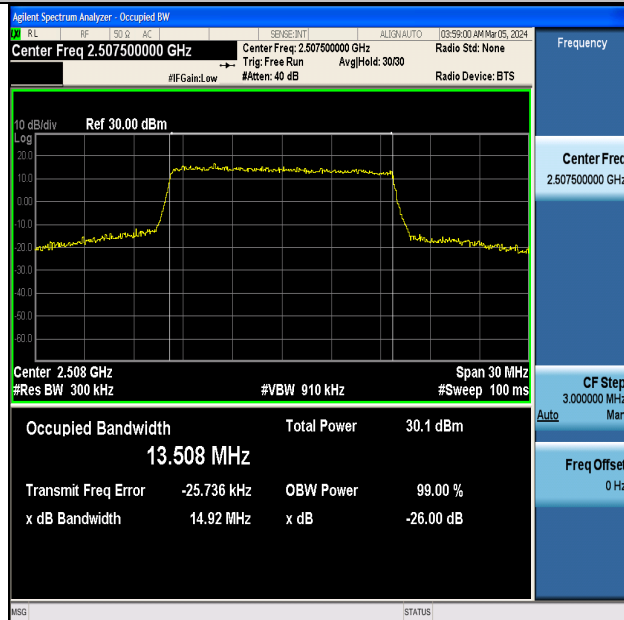
Band7-10MHz-QPSK-21400-50RB#0-PASS



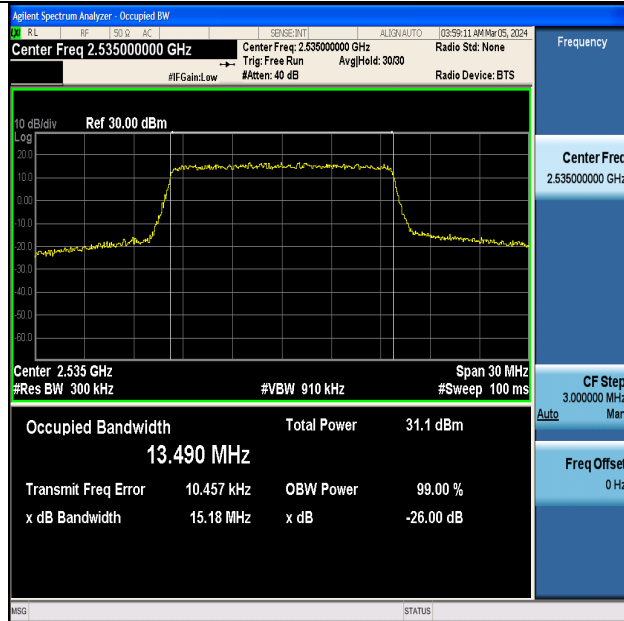
Band7-10MHz-16QAM-21400-50RB#0-PASS



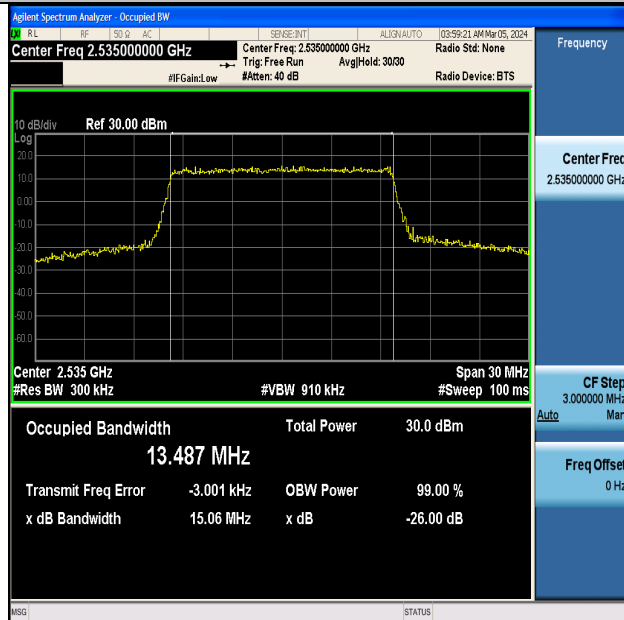
Band7-15MHz-QPSK-20825-75RB#0-PASS



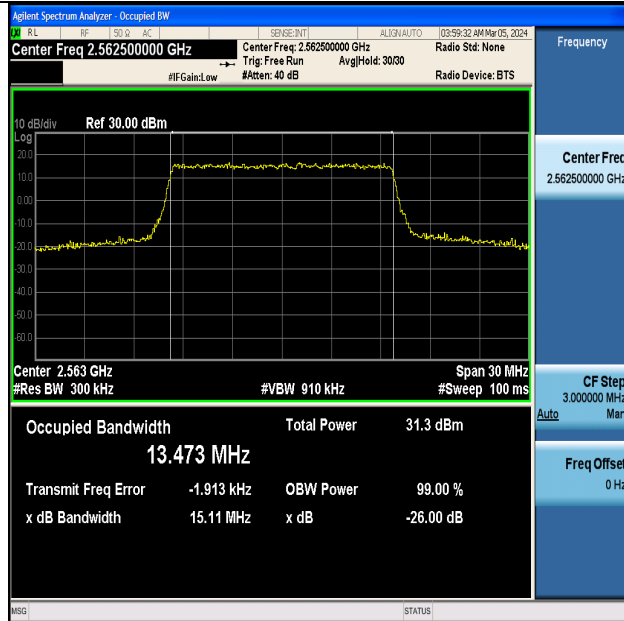
Band7-15MHz-16QAM-20825-75RB#0-PASS



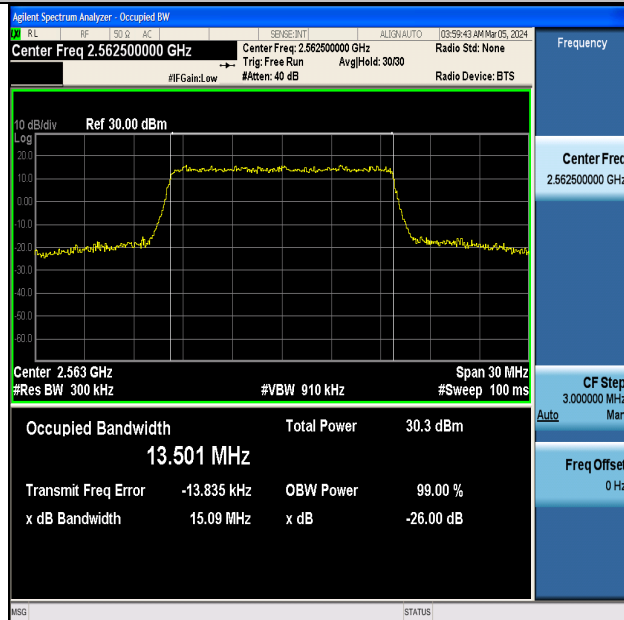
Band7-15MHz-QPSK-21100-75RB#0-PASS



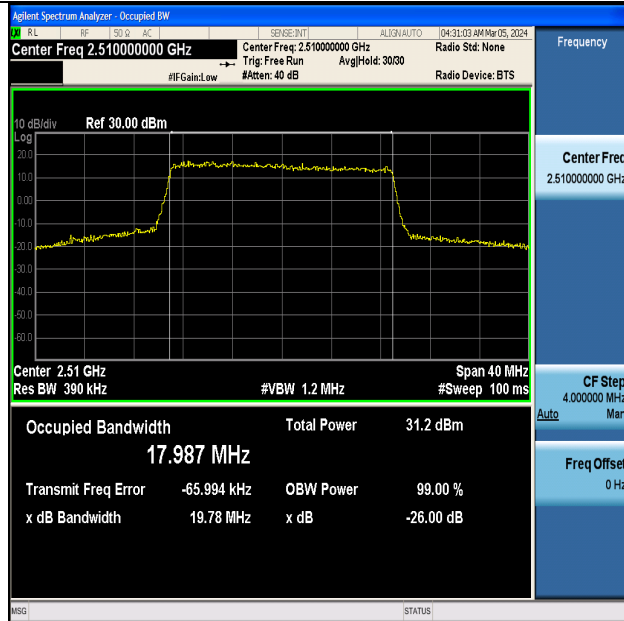
Band7-15MHz-16QAM-21100-75RB#0-PASS



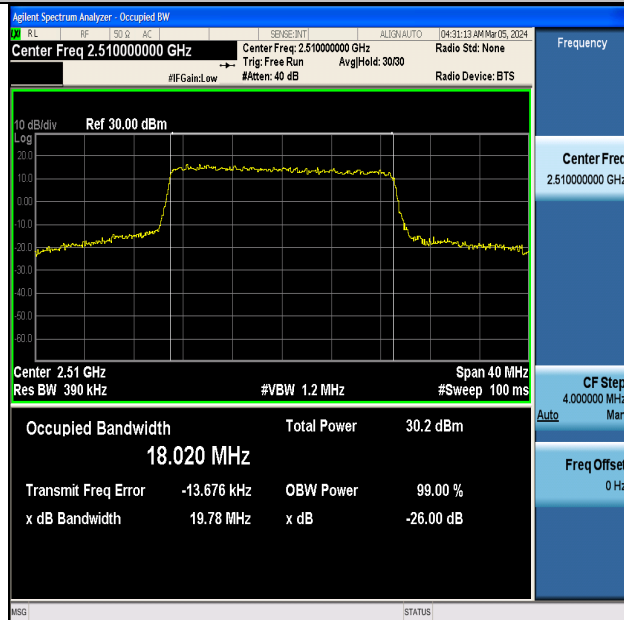
Band7-15MHz-QPSK-21375-75RB#0-PASS



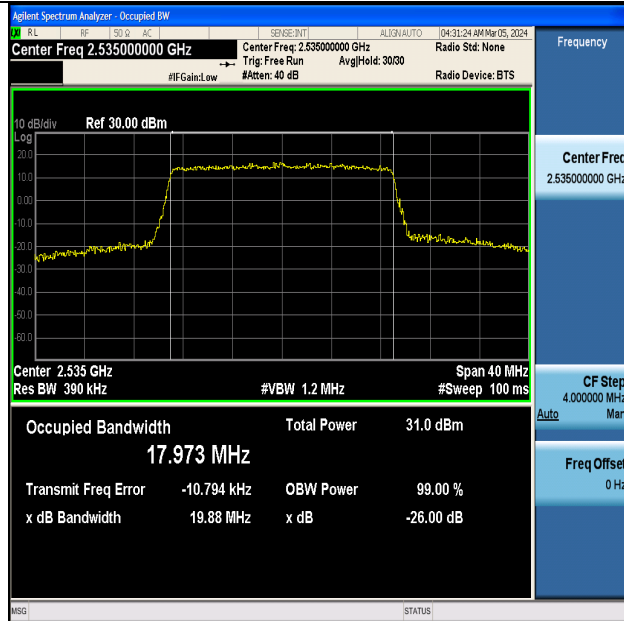
Band7-15MHz-16QAM-21375-75RB#0-PASS



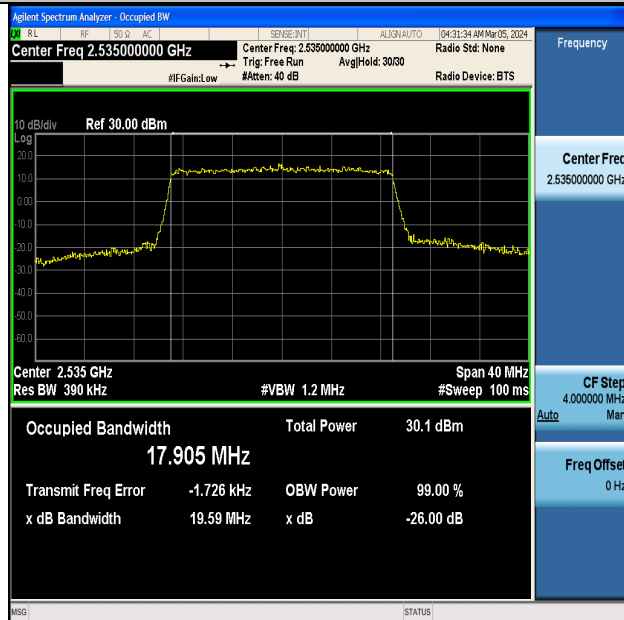
Band7-20MHz-QPSK-20850-100RB#0-PASS



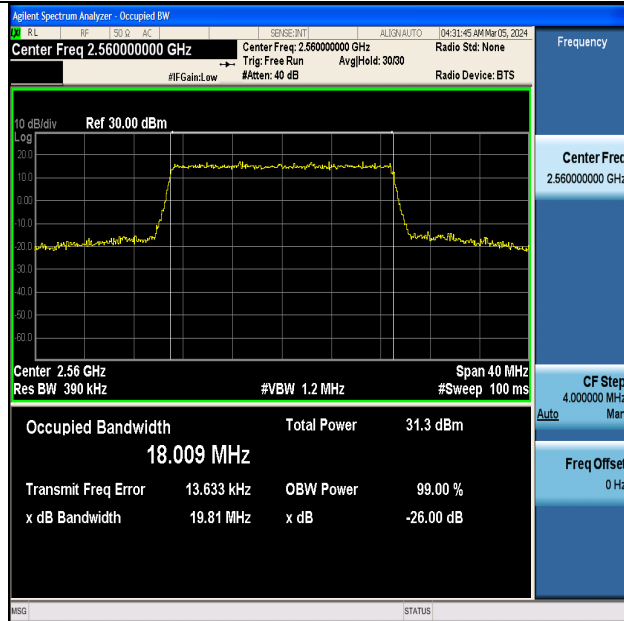
Band7-20MHz-16QAM-20850-100RB#0-PASS



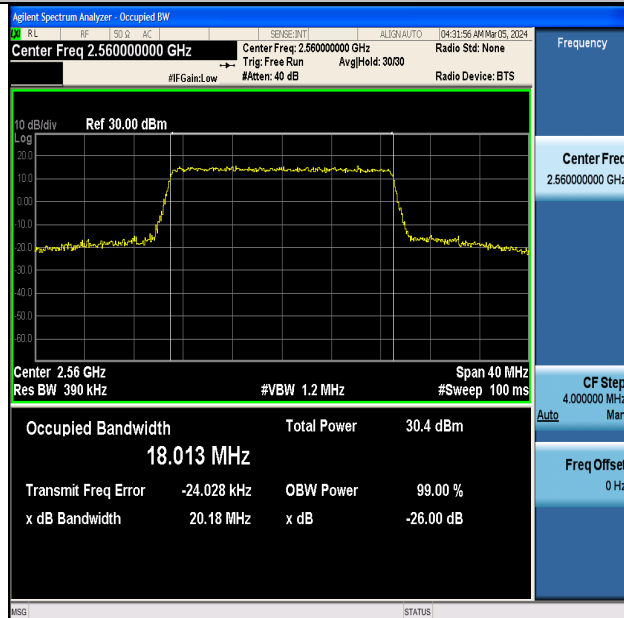
Band7-20MHz-QPSK-21100-100RB#0-PASS



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



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



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

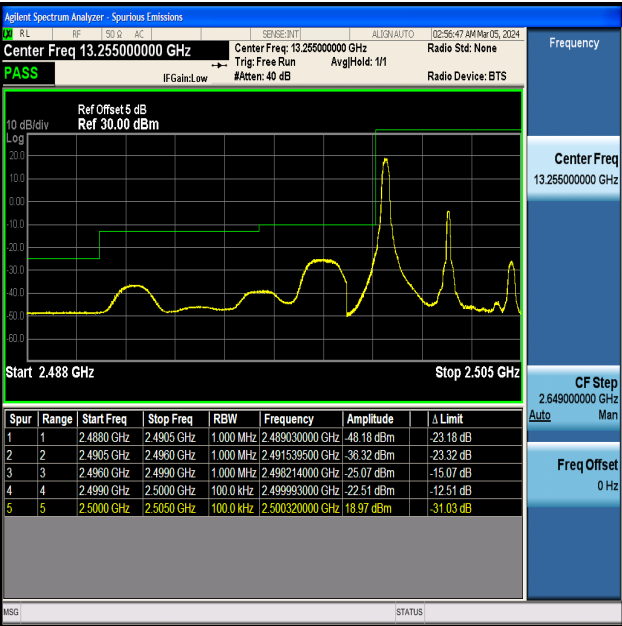
1.4. Appendix D: Band Edge

Test Result

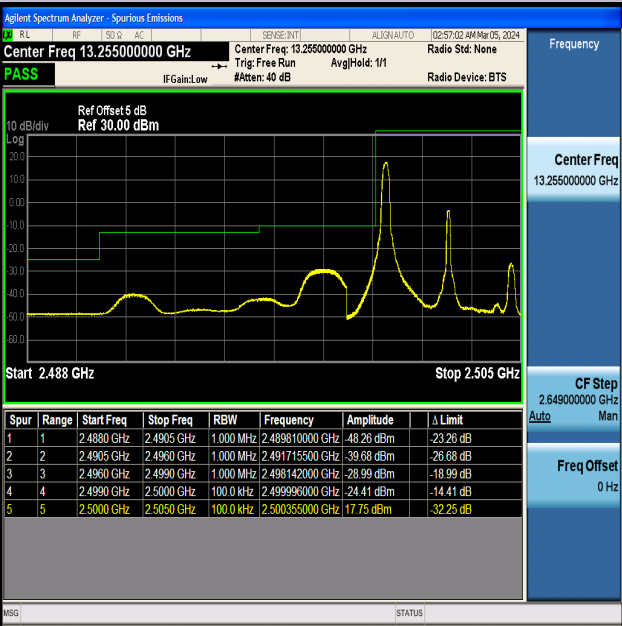
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	-22.51	PASS
Band7	5MHz	16QAM	20775	1RB#0	-24.41	PASS
Band7	5MHz	QPSK	20775	1RB#24	-25.31	PASS
Band7	5MHz	16QAM	20775	1RB#24	-28.01	PASS
Band7	5MHz	QPSK	20775	25RB#0	-20.57	PASS
Band7	5MHz	16QAM	20775	25RB#0	-25.00	PASS
Band7	5MHz	QPSK	21425	1RB#0	-23.79	PASS
Band7	5MHz	16QAM	21425	1RB#0	-25.96	PASS
Band7	5MHz	QPSK	21425	1RB#24	-36.62	PASS
Band7	5MHz	16QAM	21425	1RB#24	-24.07	PASS
Band7	5MHz	QPSK	21425	25RB#0	-20.89	PASS
Band7	5MHz	16QAM	21425	25RB#0	-39.07	PASS
Band7	10MHz	QPSK	20800	1RB#0	-25.68	PASS
Band7	10MHz	16QAM	20800	1RB#0	-29.46	PASS
Band7	10MHz	QPSK	20800	1RB#49	-27.81	PASS
Band7	10MHz	16QAM	20800	1RB#49	-29.72	PASS
Band7	10MHz	QPSK	20800	50RB#0	-20.77	PASS
Band7	10MHz	16QAM	20800	50RB#0	-40.10	PASS
Band7	10MHz	QPSK	21400	1RB#0	-24.07	PASS
Band7	10MHz	16QAM	21400	1RB#0	-26.25	PASS
Band7	10MHz	QPSK	21400	1RB#49	-25.81	PASS
Band7	10MHz	16QAM	21400	1RB#49	-29.27	PASS
Band7	10MHz	QPSK	21400	50RB#0	-22.86	PASS
Band7	10MHz	16QAM	21400	50RB#0	-39.73	PASS
Band7	15MHz	QPSK	20825	1RB#0	-27.91	PASS
Band7	15MHz	16QAM	20825	1RB#0	-31.87	PASS
Band7	15MHz	QPSK	20825	1RB#74	-28.02	PASS
Band7	15MHz	16QAM	20825	1RB#74	-30.02	PASS
Band7	15MHz	QPSK	20825	75RB#0	-18.56	PASS
Band7	15MHz	16QAM	20825	75RB#0	-23.57	PASS
Band7	15MHz	QPSK	21375	1RB#0	-23.81	PASS
Band7	15MHz	16QAM	21375	1RB#0	-27.12	PASS
Band7	15MHz	QPSK	21375	1RB#74	-27.44	PASS

Band7	15MHz	16QAM	21375	1RB#74	-31.51	PASS
Band7	15MHz	QPSK	21375	75RB#0	-22.37	PASS
Band7	15MHz	16QAM	21375	75RB#0	-39.93	PASS
Band7	20MHz	QPSK	20850	1RB#0	-28.42	PASS
Band7	20MHz	16QAM	20850	1RB#0	-33.91	PASS
Band7	20MHz	QPSK	20850	1RB#99	-31.71	PASS
Band7	20MHz	16QAM	20850	1RB#99	-33.71	PASS
Band7	20MHz	QPSK	20850	100RB#0	-22.79	PASS
Band7	20MHz	16QAM	20850	100RB#0	-26.44	PASS
Band7	20MHz	QPSK	21350	1RB#0	-28.36	PASS
Band7	20MHz	16QAM	21350	1RB#0	-28.43	PASS
Band7	20MHz	QPSK	21350	1RB#99	-28.37	PASS
Band7	20MHz	16QAM	21350	1RB#99	-30.66	PASS
Band7	20MHz	QPSK	21350	100RB#0	-28.29	PASS
Band7	20MHz	16QAM	21350	100RB#0	-31.33	PASS

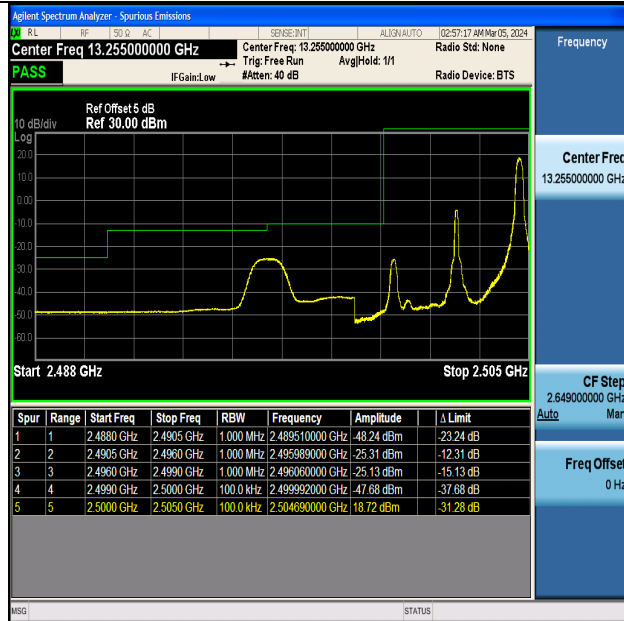
Test Graphs



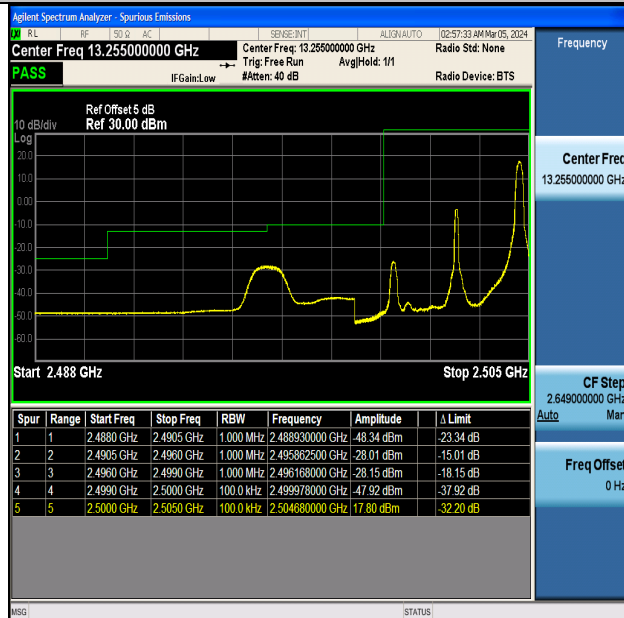
Band7_5MHz_QPSK_20775_1RB#0



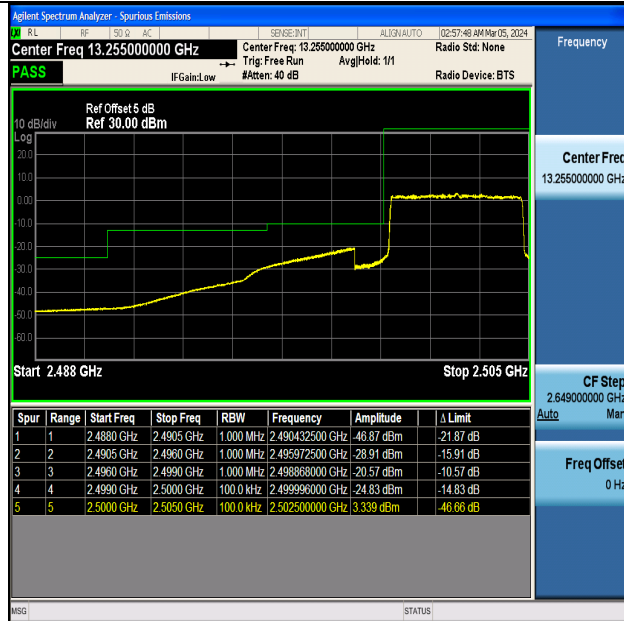
Band7_5MHz_16QAM_20775_1RB#0



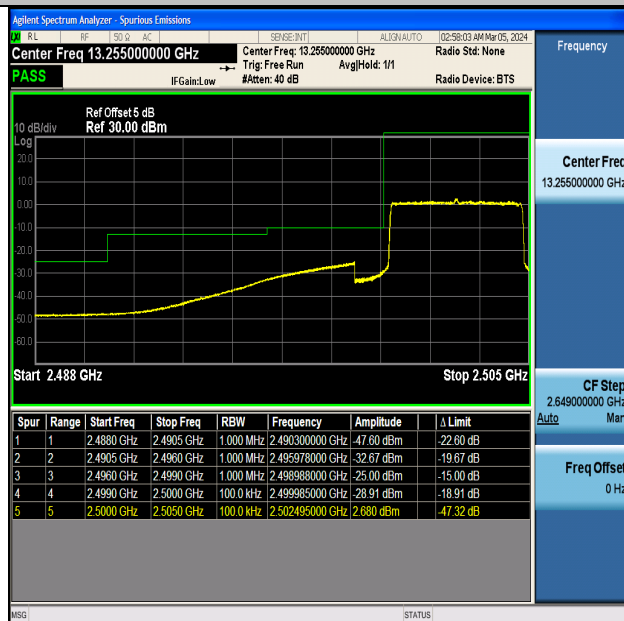
Band7_5MHz_QPSK_20775_1RB#24



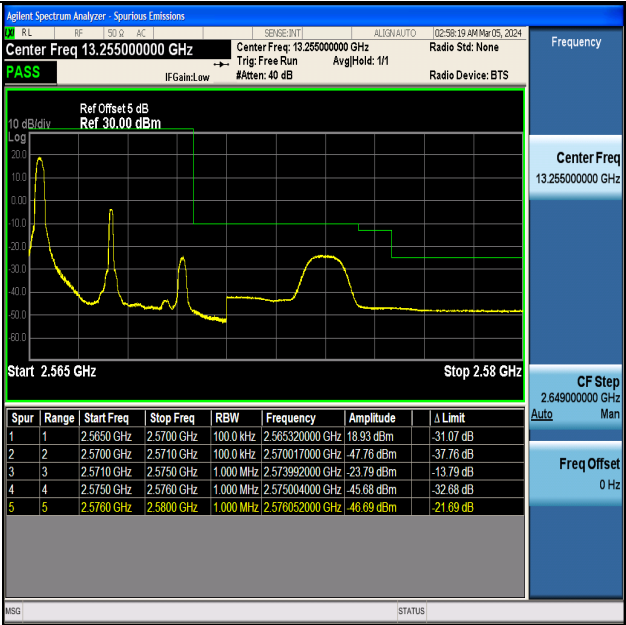
Band7_5MHz_16QAM_20775_1RB#24



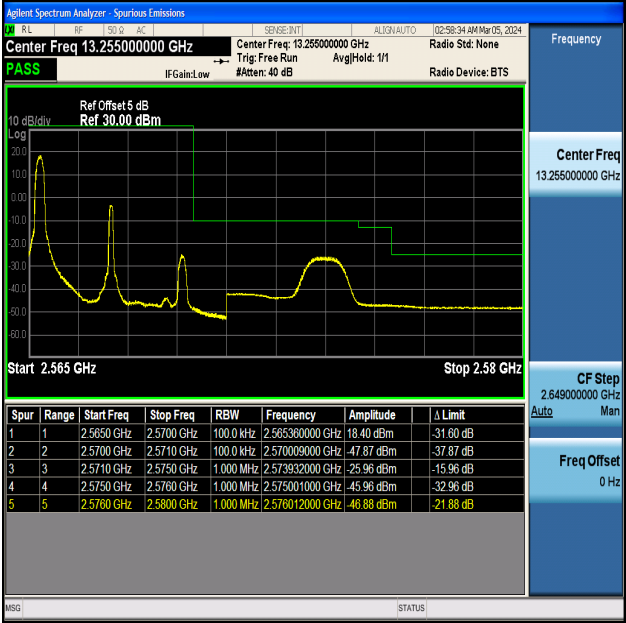
Band7_5MHz_QPSK_20775_25RB#0



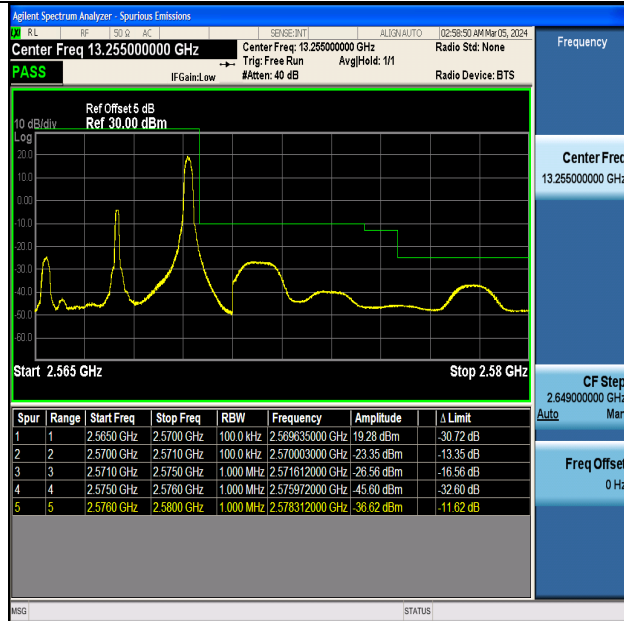
Band7_5MHz_16QAM_20775_25RB#0



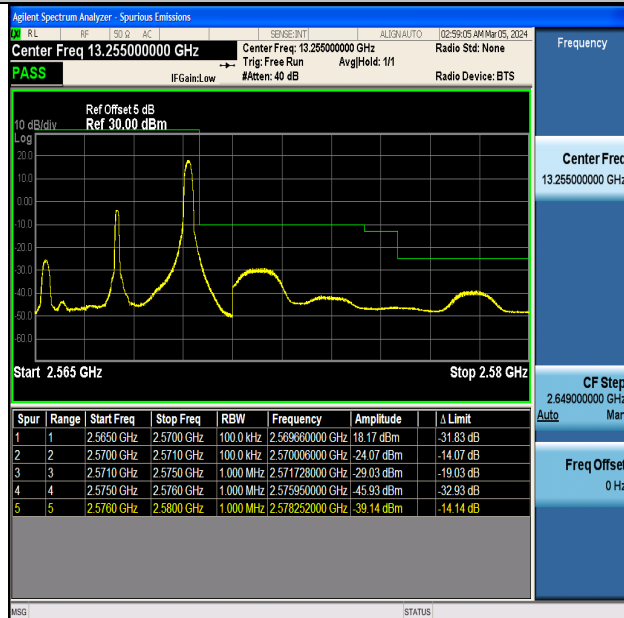
Band7_5MHz_QPSK_21425_1RB#0



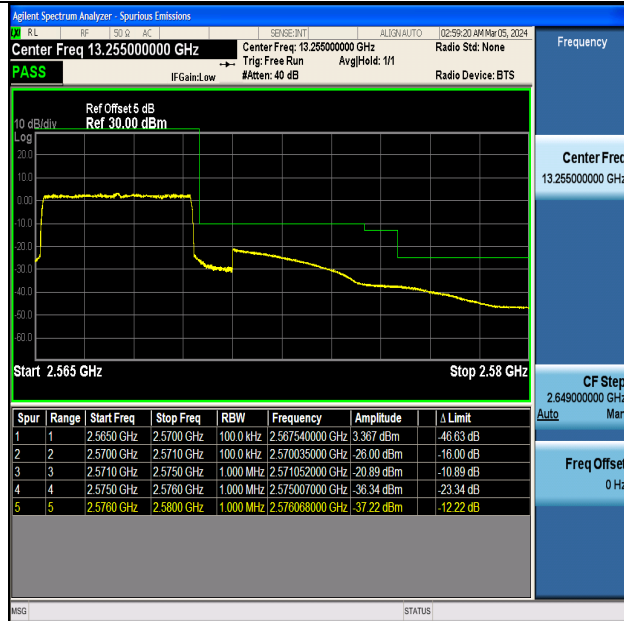
Band7_5MHz_16QAM_21425_1RB#0



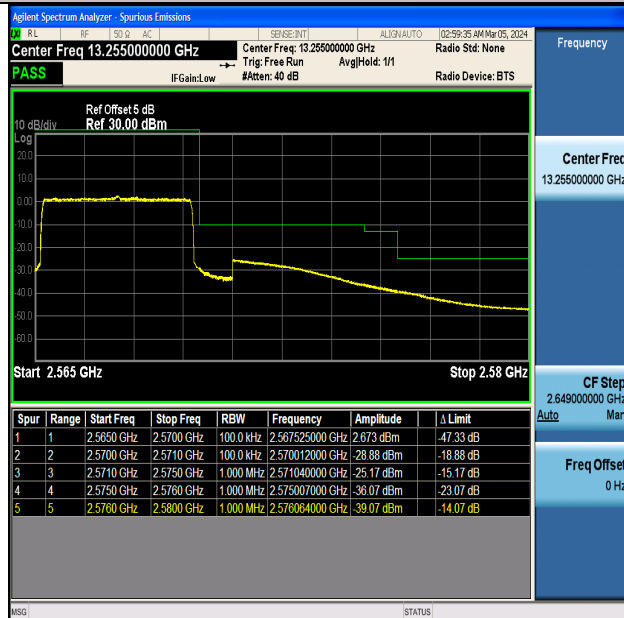
Band7_5MHz_QPSK_21425_1RB#24



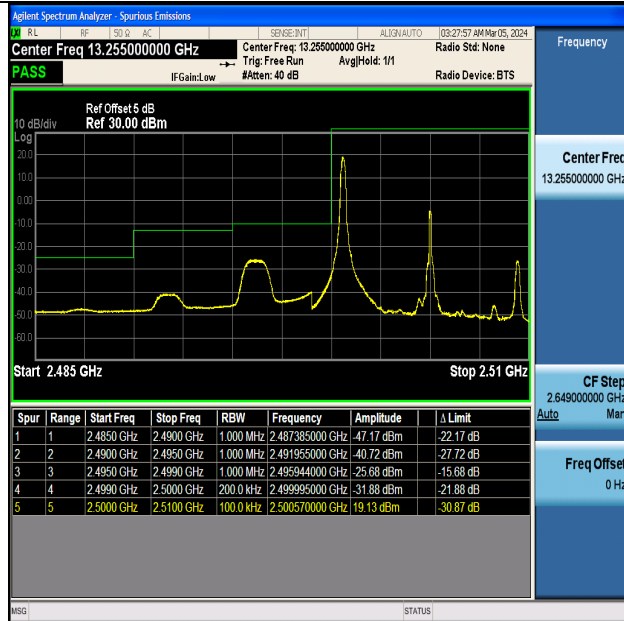
Band7_5MHz_16QAM_21425_1RB#24



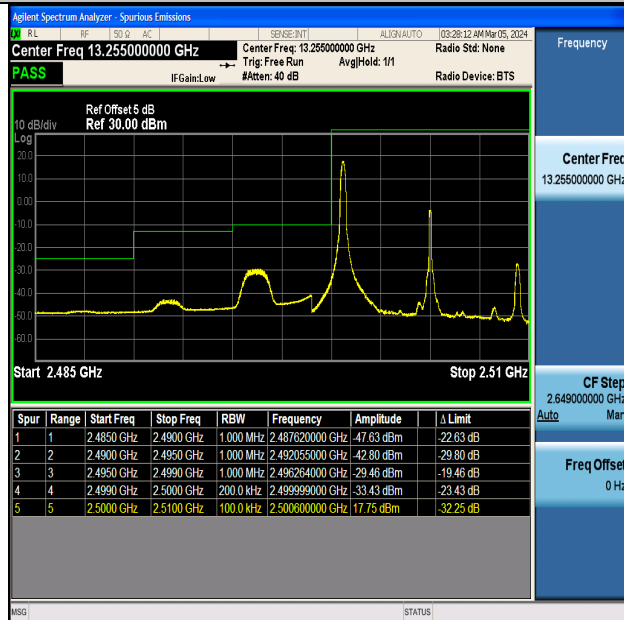
Band7_5MHz_QPSK_21425_25RB#0



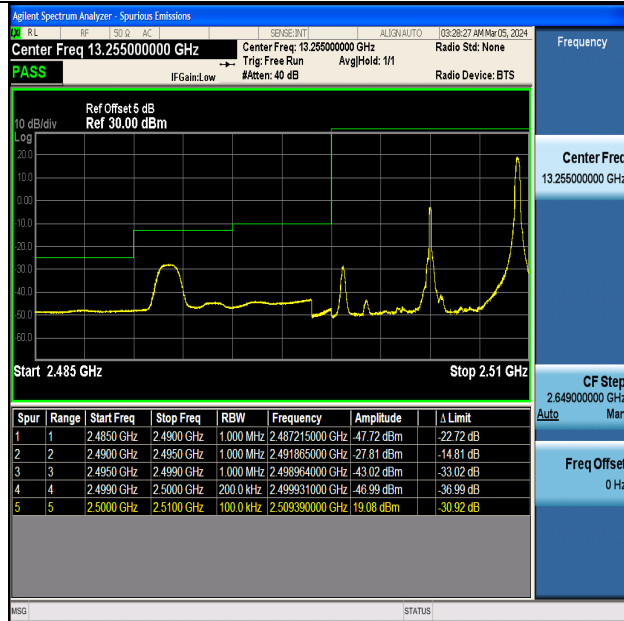
Band7_5MHz_16QAM_21425_25RB#0



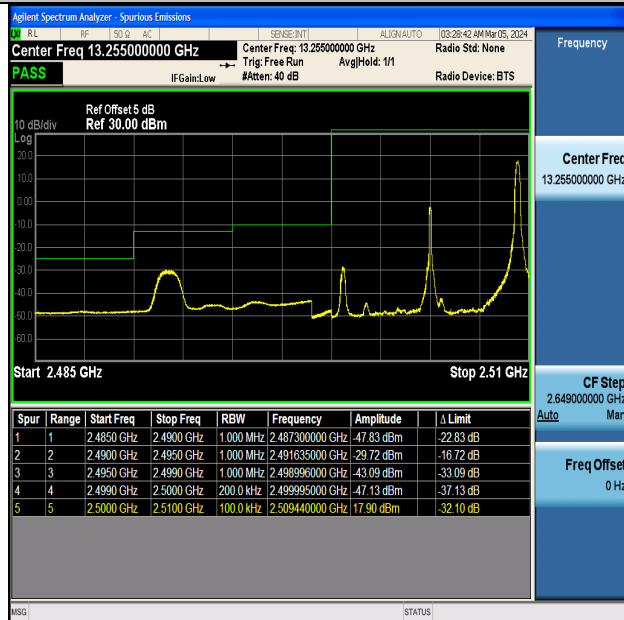
Band7_10MHz_QPSK_20800_1RB#0



Band7_10MHz_16QAM_20800_1RB#0



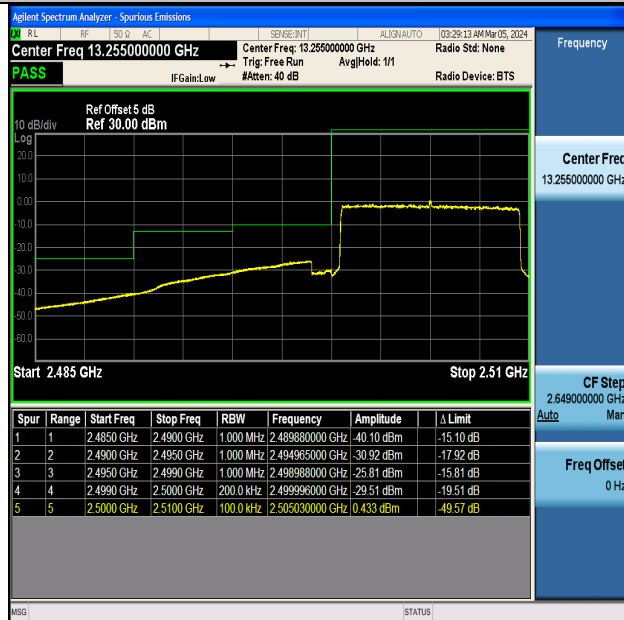
Band7_10MHz_QPSK_20800_1RB#49



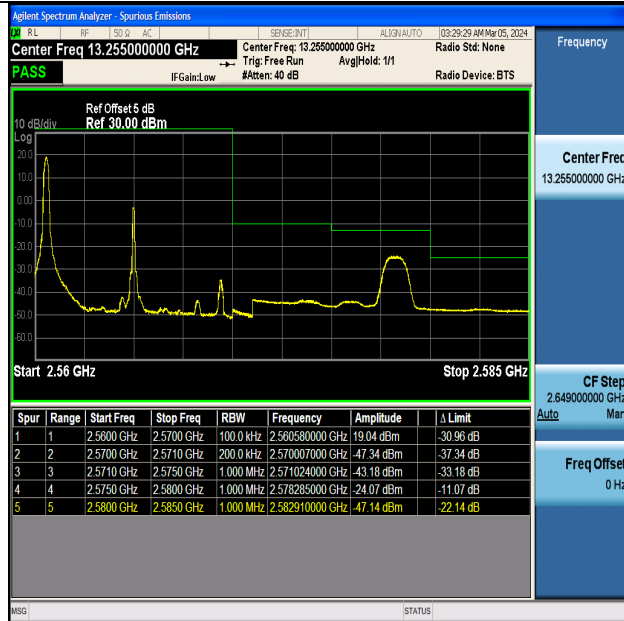
Band7_10MHz_16QAM_20800_1RB#49



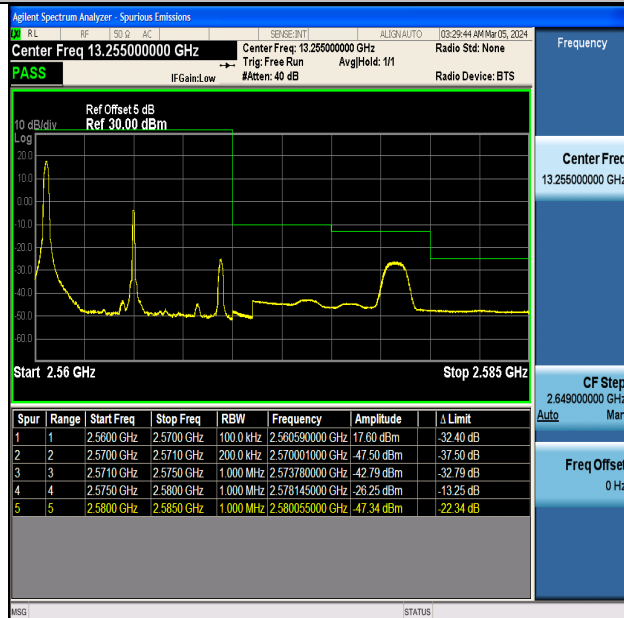
Band7_10MHz_QPSK_20800_50RB#0



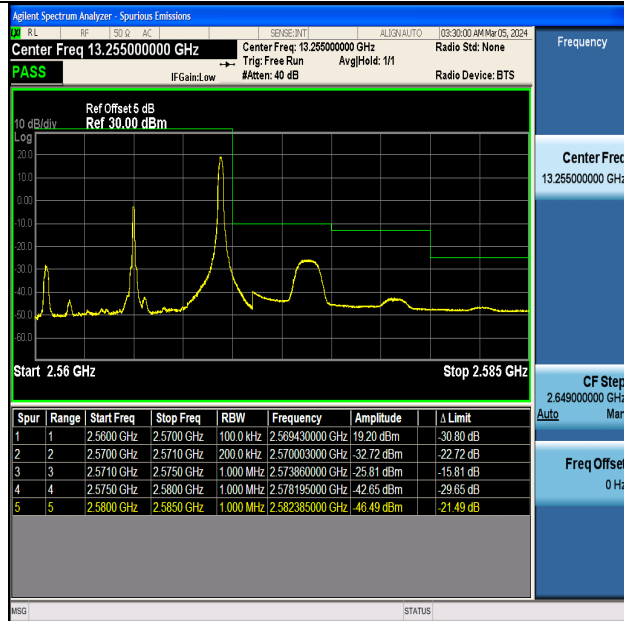
Band7_10MHz_16QAM_20800_50RB#0



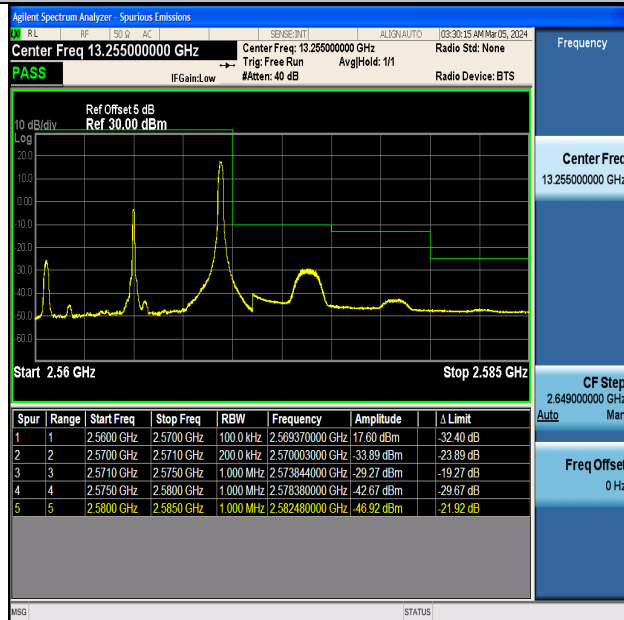
Band7_10MHz_QPSK_21400_1RB#0



Band7_10MHz_16QAM_21400_1RB#0



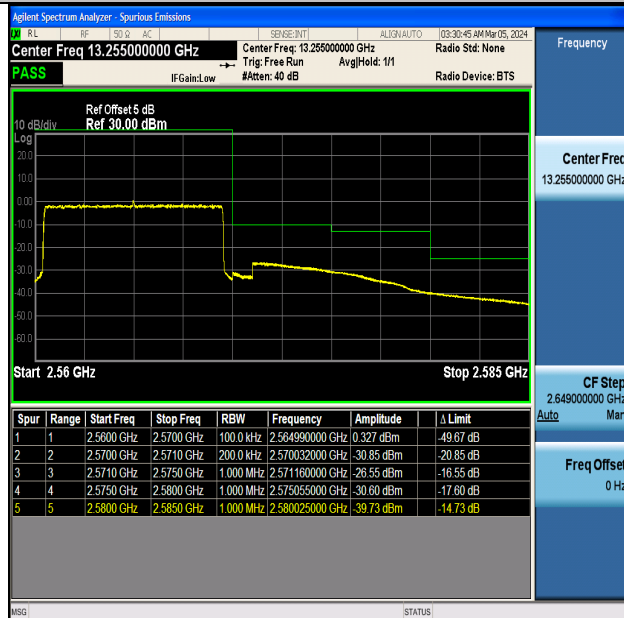
Band7_10MHz_QPSK_21400_1RB#49



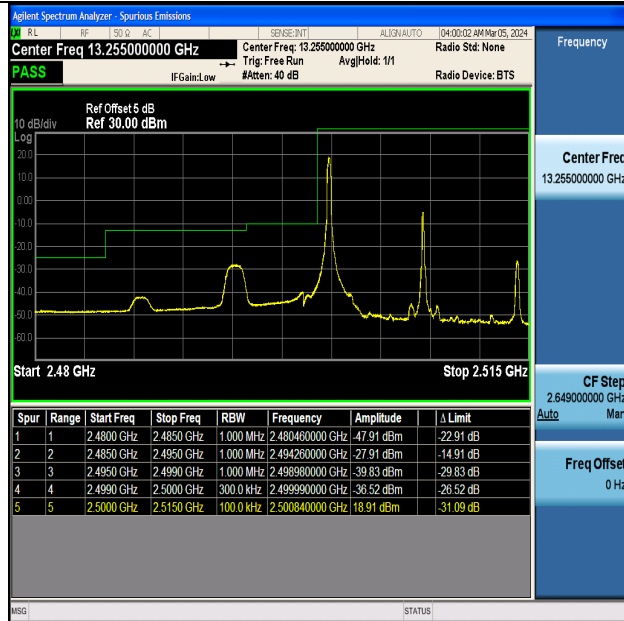
Band7_10MHz_16QAM_21400_1RB#49



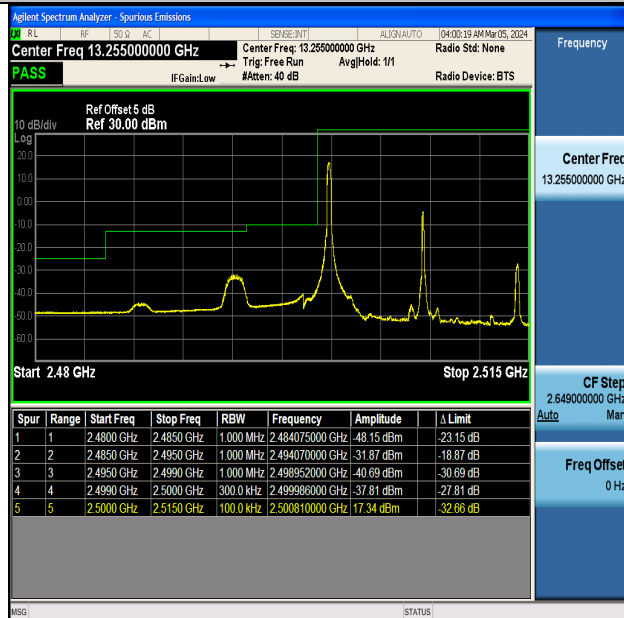
Band7_10MHz_QPSK_21400_50RB#0



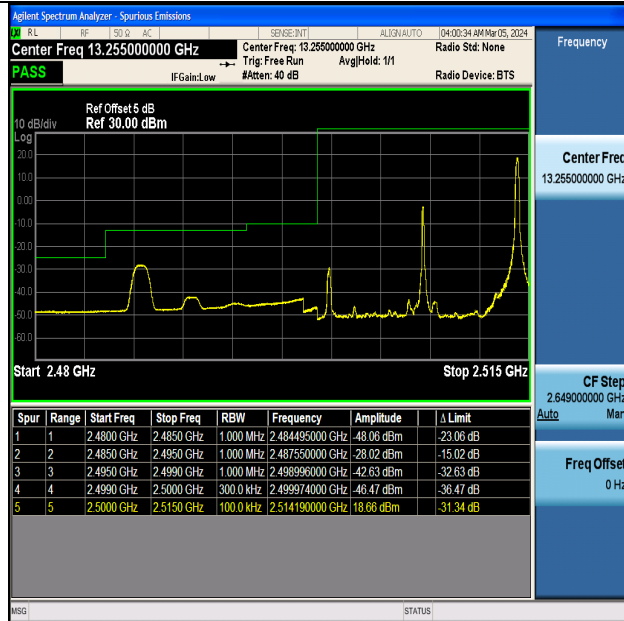
Band7_10MHz_16QAM_21400_50RB#0



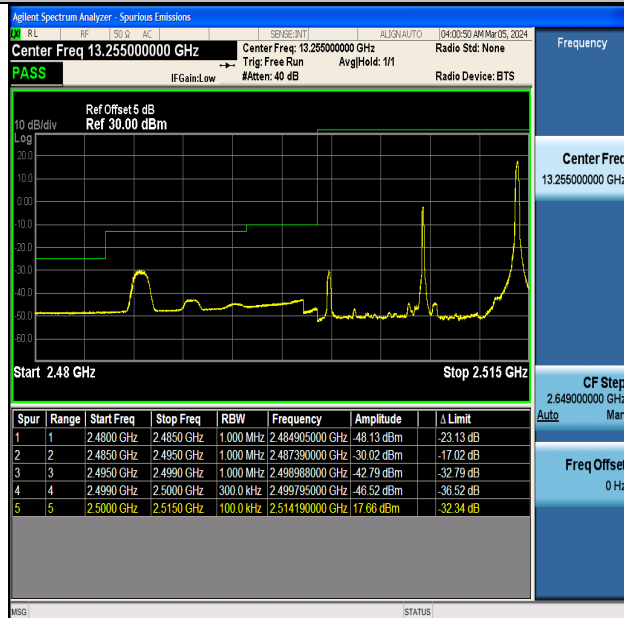
Band7_15MHz_QPSK_20825_1RB#0



Band7_15MHz_16QAM_20825_1RB#0



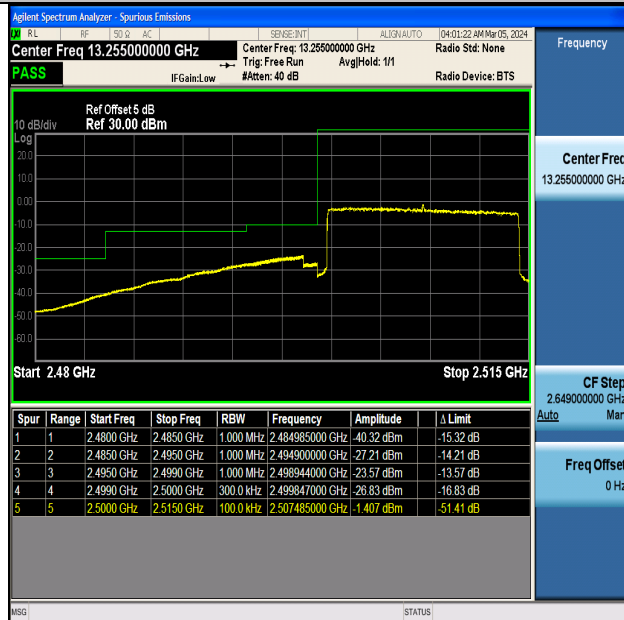
Band7_15MHz_QPSK_20825_1RB#74



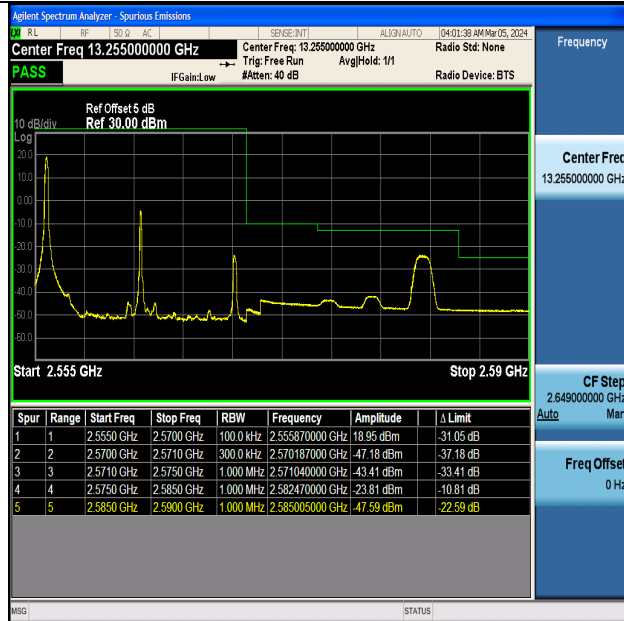
Band7_15MHz_16QAM_20825_1RB#74



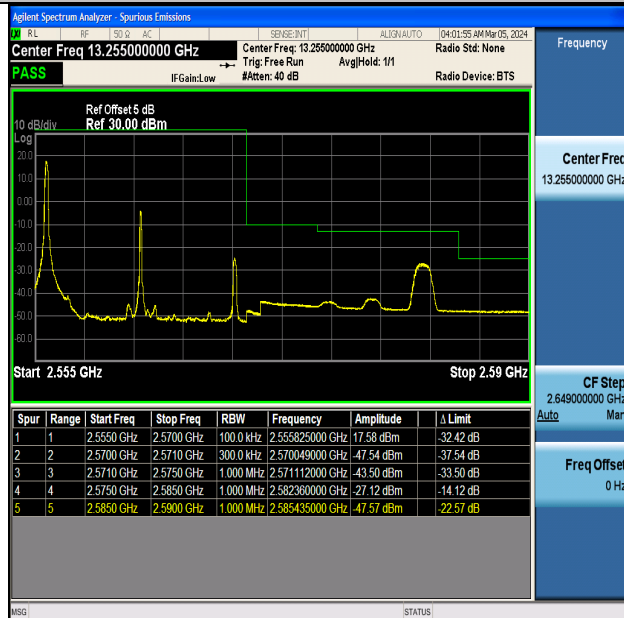
Band7_15MHz_QPSK_20825_75RB#0



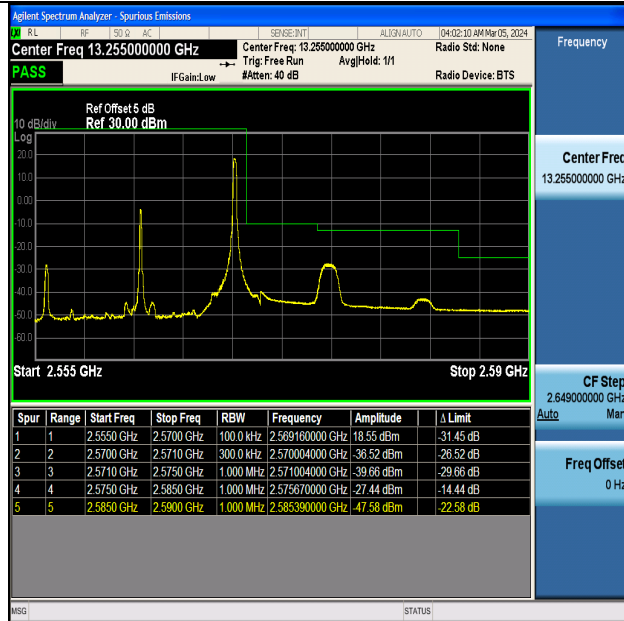
Band7_15MHz_16QAM_20825_75RB#0



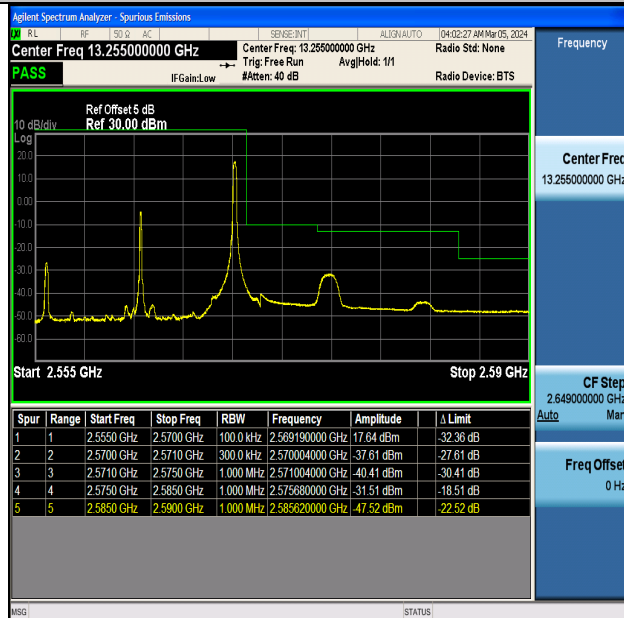
Band7_15MHz_QPSK_21375_1RB#0



Band7_15MHz_16QAM_21375_1RB#0



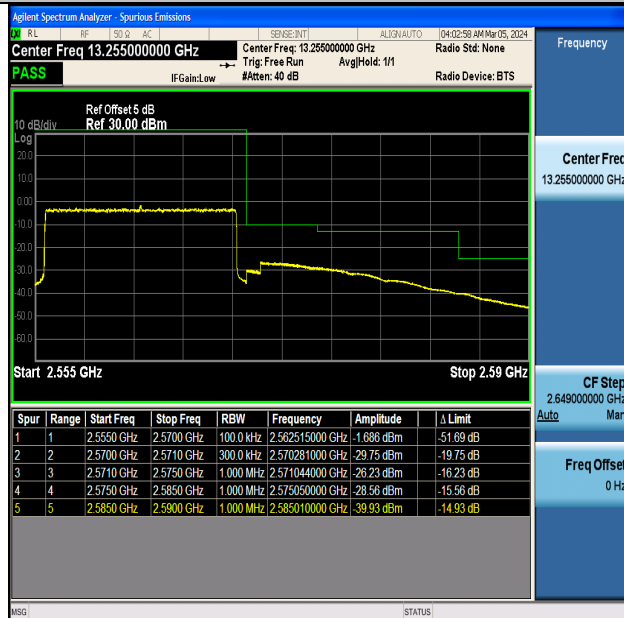
Band7_15MHz_QPSK_21375_1RB#74



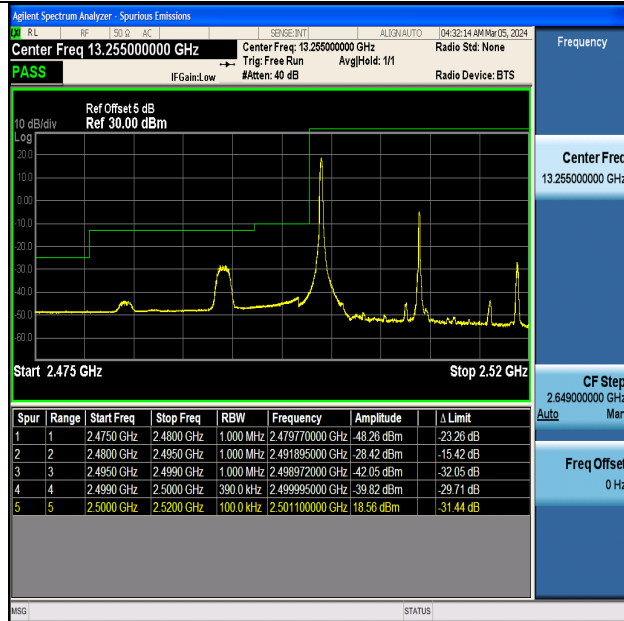
Band7_15MHz_16QAM_21375_1RB#74



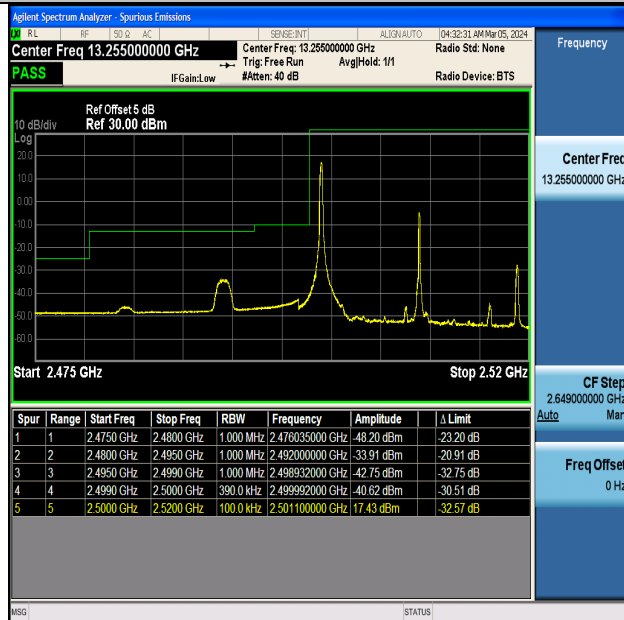
Band7_15MHz_QPSK_21375_75RB#0



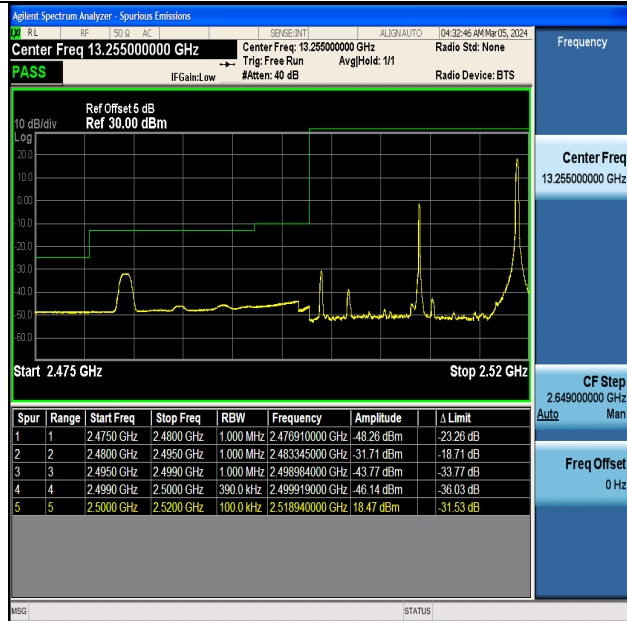
Band7_15MHz_16QAM_21375_75RB#0



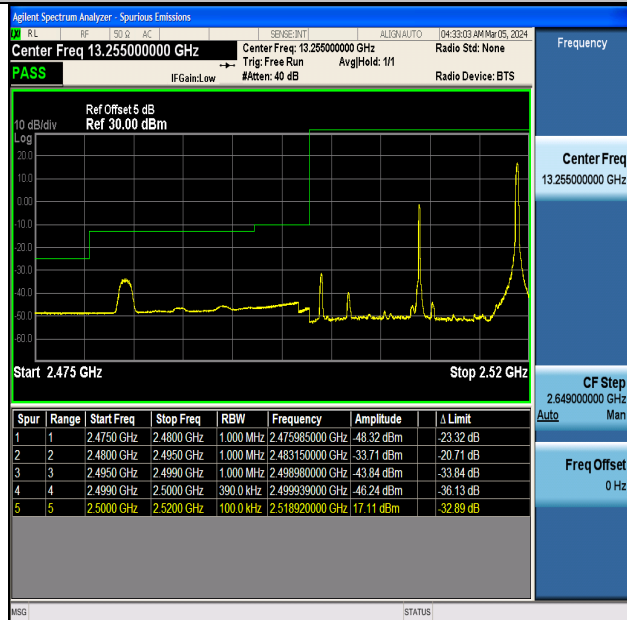
Band7_20MHz_QPSK_20850_1RB#0



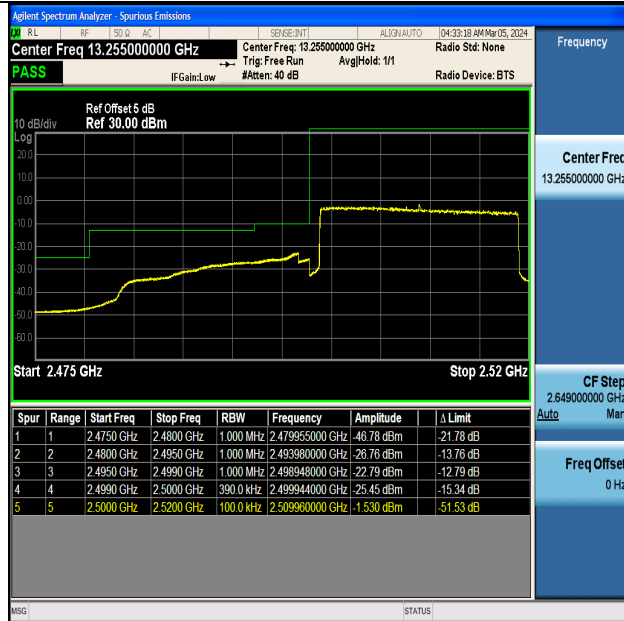
Band7_20MHz_16QAM_20850_1RB#0



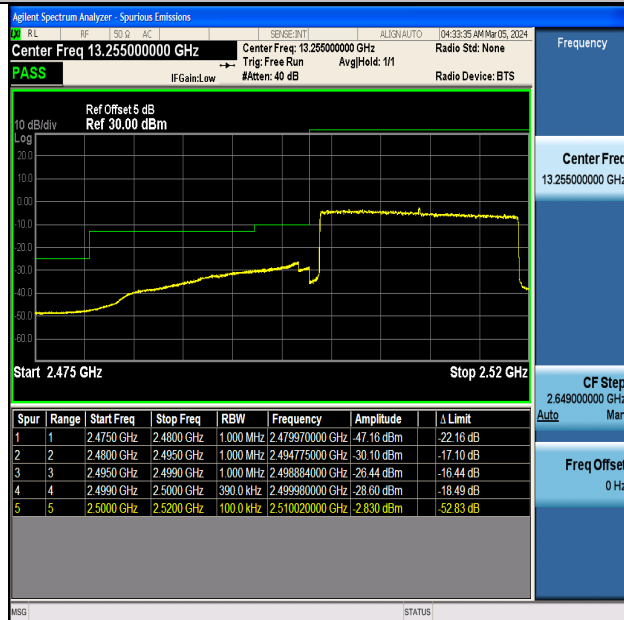
Band7_20MHz_QPSK_20850_1RB#99



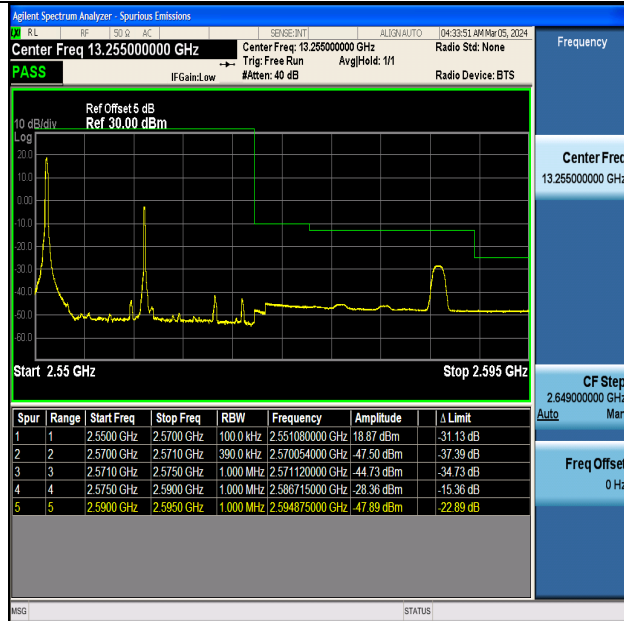
Band7_20MHz_16QAM_20850_1RB#99



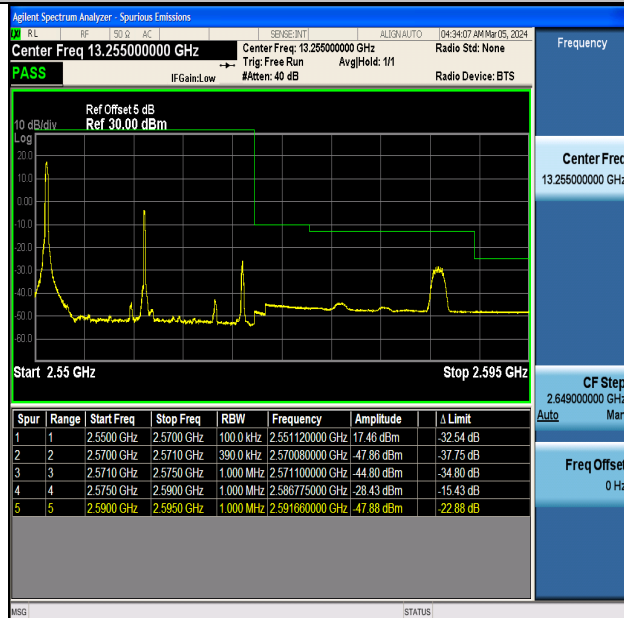
Band7_20MHz_QPSK_20850_100RB#0



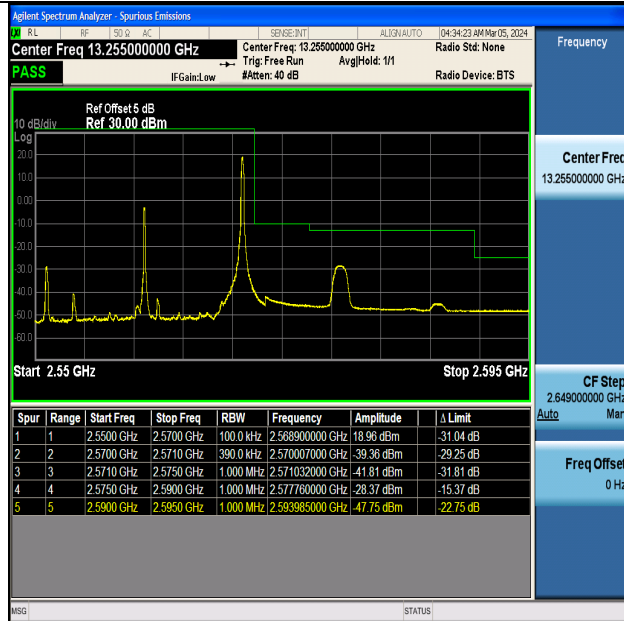
Band7_20MHz_16QAM_20850_100RB#0



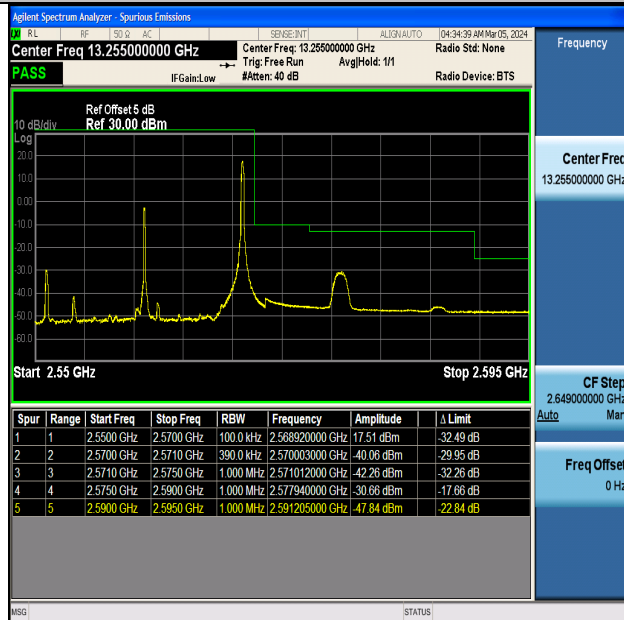
Band7_20MHz_QPSK_21350_1RB#0



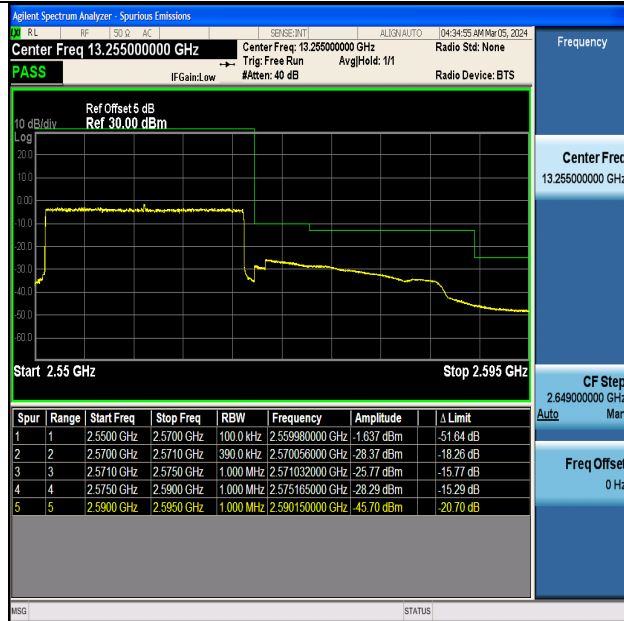
Band7_20MHz_16QAM_21350_1RB#0



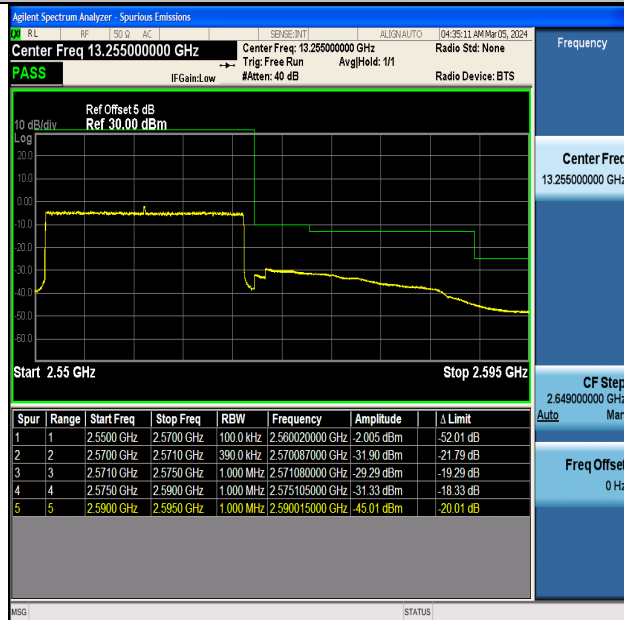
Band7_20MHz_QPSK_21350_1RB#99



Band7_20MHz_16QAM_21350_1RB#99



Band7_20MHz_QPSK_21350_100RB#0



Band7_20MHz_16QAM_21350_100RB#0

1.5. Appendix E: Conducted Spurious Emission

Test Result

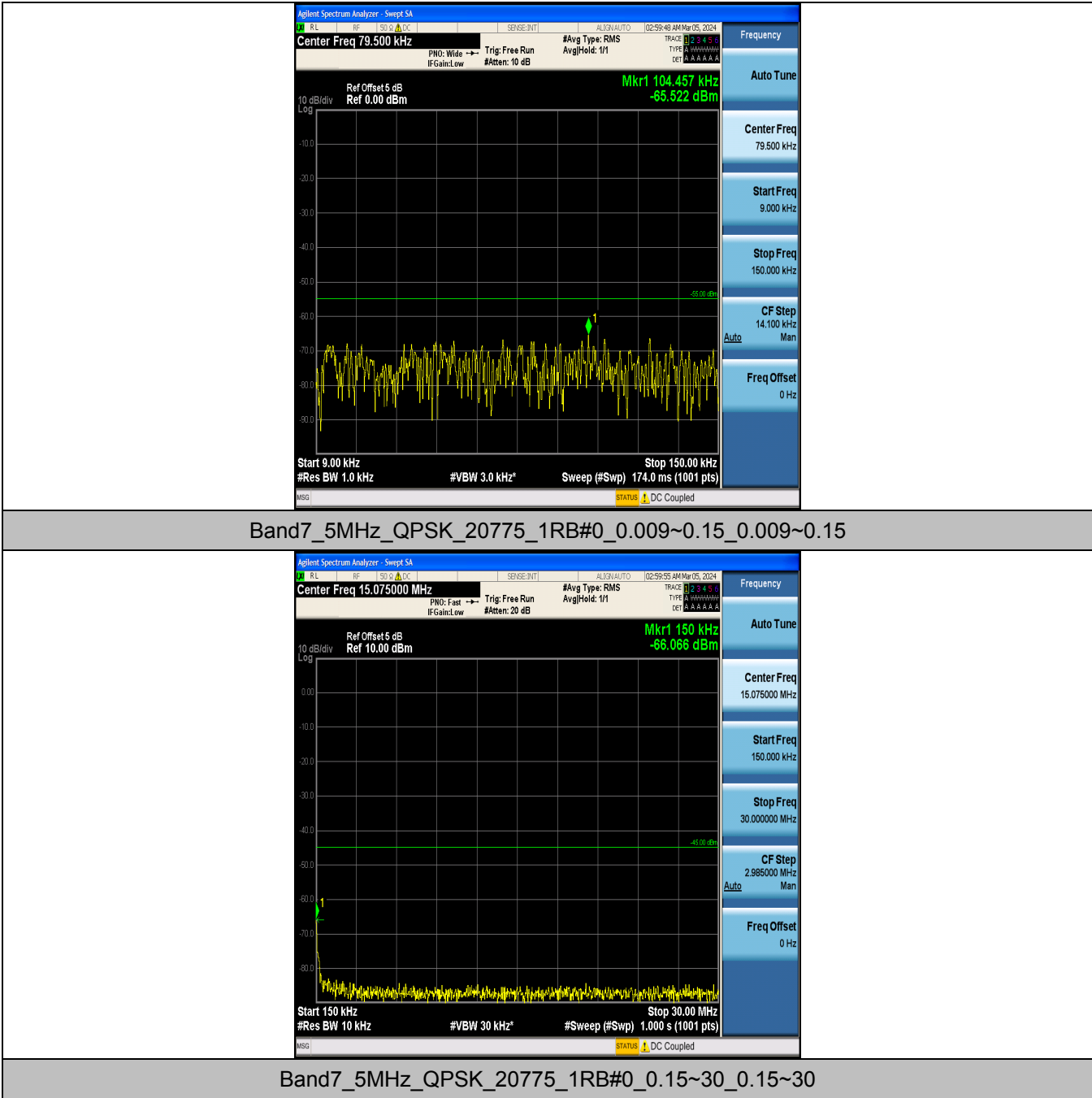
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	0.009~0.15	-65.52	PASS
Band7	5MHz	QPSK	20775	1RB#0	0.15~30	-66.07	PASS
Band7	5MHz	QPSK	20775	1RB#0	30~1000	-64.90	PASS
Band7	5MHz	QPSK	20775	1RB#0	1000~20000	-45.36	PASS
Band7	5MHz	QPSK	20775	1RB#0	20000~27000	-41.60	PASS
Band7	5MHz	16QAM	20775	1RB#0	0.009~0.15	-64.40	PASS
Band7	5MHz	16QAM	20775	1RB#0	0.15~30	-63.57	PASS
Band7	5MHz	16QAM	20775	1RB#0	30~1000	-64.95	PASS
Band7	5MHz	16QAM	20775	1RB#0	1000~20000	-45.39	PASS
Band7	5MHz	16QAM	20775	1RB#0	20000~27000	-41.34	PASS
Band7	5MHz	QPSK	21100	1RB#0	0.009~0.15	-64.47	PASS
Band7	5MHz	QPSK	21100	1RB#0	0.15~30	-64.63	PASS
Band7	5MHz	QPSK	21100	1RB#0	30~1000	-65.09	PASS
Band7	5MHz	QPSK	21100	1RB#0	1000~20000	-45.61	PASS
Band7	5MHz	QPSK	21100	1RB#0	20000~27000	-41.62	PASS
Band7	5MHz	16QAM	21100	1RB#0	0.009~0.15	-63.63	PASS
Band7	5MHz	16QAM	21100	1RB#0	0.15~30	-64.82	PASS
Band7	5MHz	16QAM	21100	1RB#0	30~1000	-65.09	PASS
Band7	5MHz	16QAM	21100	1RB#0	1000~20000	-45.64	PASS
Band7	5MHz	16QAM	21100	1RB#0	20000~27000	-41.54	PASS
Band7	5MHz	QPSK	21425	1RB#0	0.009~0.15	-62.49	PASS
Band7	5MHz	QPSK	21425	1RB#0	0.15~30	-57.03	PASS
Band7	5MHz	QPSK	21425	1RB#0	30~1000	-65.22	PASS
Band7	5MHz	QPSK	21425	1RB#0	1000~20000	-45.44	PASS
Band7	5MHz	QPSK	21425	1RB#0	20000~27000	-41.47	PASS
Band7	5MHz	16QAM	21425	1RB#0	0.009~0.15	-62.87	PASS
Band7	5MHz	16QAM	21425	1RB#0	0.15~30	-56.71	PASS
Band7	5MHz	16QAM	21425	1RB#0	30~1000	-65.19	PASS
Band7	5MHz	16QAM	21425	1RB#0	1000~20000	-45.51	PASS
Band7	5MHz	16QAM	21425	1RB#0	20000~27000	-41.43	PASS
Band7	10MHz	QPSK	20800	1RB#0	0.009~0.15	-63.86	PASS
Band7	10MHz	QPSK	20800	1RB#0	0.15~30	-63.88	PASS

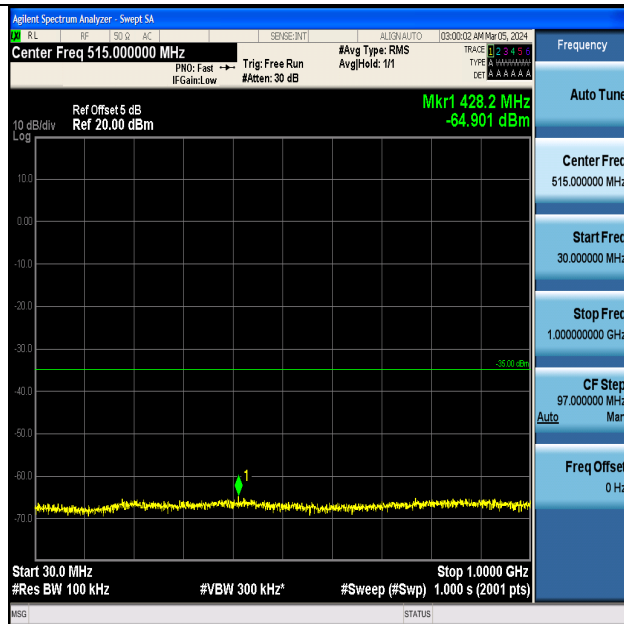
Band7	10MHz	QPSK	20800	1RB#0	30~1000	-65.00	PASS
Band7	10MHz	QPSK	20800	1RB#0	1000~20000	-45.58	PASS
Band7	10MHz	QPSK	20800	1RB#0	20000~27000	-41.27	PASS
Band7	10MHz	16QAM	20800	1RB#0	0.009~0.15	-62.93	PASS
Band7	10MHz	16QAM	20800	1RB#0	0.15~30	-62.48	PASS
Band7	10MHz	16QAM	20800	1RB#0	30~1000	-65.08	PASS
Band7	10MHz	16QAM	20800	1RB#0	1000~20000	-45.16	PASS
Band7	10MHz	16QAM	20800	1RB#0	20000~27000	-41.56	PASS
Band7	10MHz	QPSK	21100	1RB#0	0.009~0.15	-63.93	PASS
Band7	10MHz	QPSK	21100	1RB#0	0.15~30	-62.93	PASS
Band7	10MHz	QPSK	21100	1RB#0	30~1000	-65.19	PASS
Band7	10MHz	QPSK	21100	1RB#0	1000~20000	-45.55	PASS
Band7	10MHz	QPSK	21100	1RB#0	20000~27000	-41.40	PASS
Band7	10MHz	16QAM	21100	1RB#0	0.009~0.15	-63.02	PASS
Band7	10MHz	16QAM	21100	1RB#0	0.15~30	-64.10	PASS
Band7	10MHz	16QAM	21100	1RB#0	30~1000	-65.13	PASS
Band7	10MHz	16QAM	21100	1RB#0	1000~20000	-45.46	PASS
Band7	10MHz	16QAM	21100	1RB#0	20000~27000	-41.29	PASS
Band7	10MHz	QPSK	21400	1RB#0	0.009~0.15	-63.04	PASS
Band7	10MHz	QPSK	21400	1RB#0	0.15~30	-63.55	PASS
Band7	10MHz	QPSK	21400	1RB#0	30~1000	-65.12	PASS
Band7	10MHz	QPSK	21400	1RB#0	1000~20000	-44.81	PASS
Band7	10MHz	QPSK	21400	1RB#0	20000~27000	-41.50	PASS
Band7	10MHz	16QAM	21400	1RB#0	0.009~0.15	-63.02	PASS
Band7	10MHz	16QAM	21400	1RB#0	0.15~30	-64.10	PASS
Band7	10MHz	16QAM	21400	1RB#0	30~1000	-64.88	PASS
Band7	10MHz	16QAM	21400	1RB#0	1000~20000	-43.66	PASS
Band7	10MHz	16QAM	21400	1RB#0	20000~27000	-41.56	PASS
Band7	15MHz	QPSK	20825	1RB#0	0.009~0.15	-65.13	PASS
Band7	15MHz	QPSK	20825	1RB#0	0.15~30	-63.29	PASS
Band7	15MHz	QPSK	20825	1RB#0	30~1000	-65.06	PASS
Band7	15MHz	QPSK	20825	1RB#0	1000~20000	-45.70	PASS
Band7	15MHz	QPSK	20825	1RB#0	20000~27000	-41.63	PASS
Band7	15MHz	16QAM	20825	1RB#0	0.009~0.15	-63.13	PASS
Band7	15MHz	16QAM	20825	1RB#0	0.15~30	-64.37	PASS
Band7	15MHz	16QAM	20825	1RB#0	30~1000	-65.08	PASS
Band7	15MHz	16QAM	20825	1RB#0	1000~20000	-45.51	PASS
Band7	15MHz	16QAM	20825	1RB#0	20000~27000	-41.51	PASS

Band7	15MHz	QPSK	21100	1RB#0	0.009~0.15	-63.40	PASS
Band7	15MHz	QPSK	21100	1RB#0	0.15~30	-62.53	PASS
Band7	15MHz	QPSK	21100	1RB#0	30~1000	-64.98	PASS
Band7	15MHz	QPSK	21100	1RB#0	1000~20000	-45.30	PASS
Band7	15MHz	QPSK	21100	1RB#0	20000~27000	-41.64	PASS
Band7	15MHz	16QAM	21100	1RB#0	0.009~0.15	-62.23	PASS
Band7	15MHz	16QAM	21100	1RB#0	0.15~30	-62.33	PASS
Band7	15MHz	16QAM	21100	1RB#0	30~1000	-65.19	PASS
Band7	15MHz	16QAM	21100	1RB#0	1000~20000	-45.34	PASS
Band7	15MHz	16QAM	21100	1RB#0	20000~27000	-41.67	PASS
Band7	15MHz	QPSK	21375	1RB#0	0.009~0.15	-64.29	PASS
Band7	15MHz	QPSK	21375	1RB#0	0.15~30	-65.07	PASS
Band7	15MHz	QPSK	21375	1RB#0	30~1000	-65.04	PASS
Band7	15MHz	QPSK	21375	1RB#0	1000~20000	-45.51	PASS
Band7	15MHz	QPSK	21375	1RB#0	20000~27000	-41.46	PASS
Band7	15MHz	16QAM	21375	1RB#0	0.009~0.15	-61.38	PASS
Band7	15MHz	16QAM	21375	1RB#0	0.15~30	-63.37	PASS
Band7	15MHz	16QAM	21375	1RB#0	30~1000	-65.13	PASS
Band7	15MHz	16QAM	21375	1RB#0	1000~20000	-45.26	PASS
Band7	15MHz	16QAM	21375	1RB#0	20000~27000	-41.65	PASS
Band7	20MHz	QPSK	20850	1RB#0	0.009~0.15	-64.75	PASS
Band7	20MHz	QPSK	20850	1RB#0	0.15~30	-63.12	PASS
Band7	20MHz	QPSK	20850	1RB#0	30~1000	-64.51	PASS
Band7	20MHz	QPSK	20850	1RB#0	1000~20000	-45.59	PASS
Band7	20MHz	QPSK	20850	1RB#0	20000~27000	-41.25	PASS
Band7	20MHz	16QAM	20850	1RB#0	0.009~0.15	-64.03	PASS
Band7	20MHz	16QAM	20850	1RB#0	0.15~30	-64.10	PASS
Band7	20MHz	16QAM	20850	1RB#0	30~1000	-64.84	PASS
Band7	20MHz	16QAM	20850	1RB#0	1000~20000	-45.50	PASS
Band7	20MHz	16QAM	20850	1RB#0	20000~27000	-41.54	PASS
Band7	20MHz	QPSK	21100	1RB#0	0.009~0.15	-62.77	PASS
Band7	20MHz	QPSK	21100	1RB#0	0.15~30	-62.61	PASS
Band7	20MHz	QPSK	21100	1RB#0	30~1000	-65.10	PASS
Band7	20MHz	QPSK	21100	1RB#0	1000~20000	-45.53	PASS
Band7	20MHz	QPSK	21100	1RB#0	20000~27000	-41.59	PASS
Band7	20MHz	16QAM	21100	1RB#0	0.009~0.15	-64.94	PASS
Band7	20MHz	16QAM	21100	1RB#0	0.15~30	-64.21	PASS
Band7	20MHz	16QAM	21100	1RB#0	30~1000	-65.12	PASS

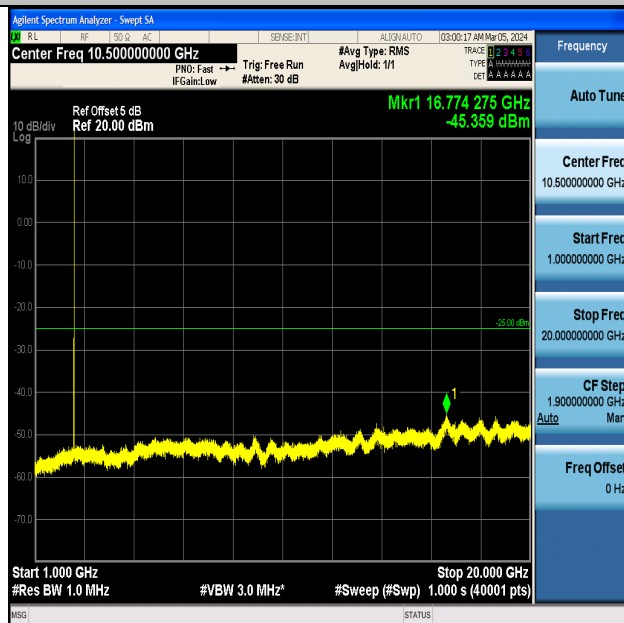
Band7	20MHz	16QAM	21100	1RB#0	1000~20000	-45.21	PASS
Band7	20MHz	16QAM	21100	1RB#0	20000~27000	-41.33	PASS
Band7	20MHz	QPSK	21350	1RB#0	0.009~0.15	-63.36	PASS
Band7	20MHz	QPSK	21350	1RB#0	0.15~30	-63.23	PASS
Band7	20MHz	QPSK	21350	1RB#0	30~1000	-65.09	PASS
Band7	20MHz	QPSK	21350	1RB#0	1000~20000	-45.32	PASS
Band7	20MHz	QPSK	21350	1RB#0	20000~27000	-41.57	PASS
Band7	20MHz	16QAM	21350	1RB#0	0.009~0.15	-63.22	PASS
Band7	20MHz	16QAM	21350	1RB#0	0.15~30	-65.23	PASS
Band7	20MHz	16QAM	21350	1RB#0	30~1000	-65.16	PASS
Band7	20MHz	16QAM	21350	1RB#0	1000~20000	-45.58	PASS
Band7	20MHz	16QAM	21350	1RB#0	20000~27000	-41.32	PASS

Test Graphs

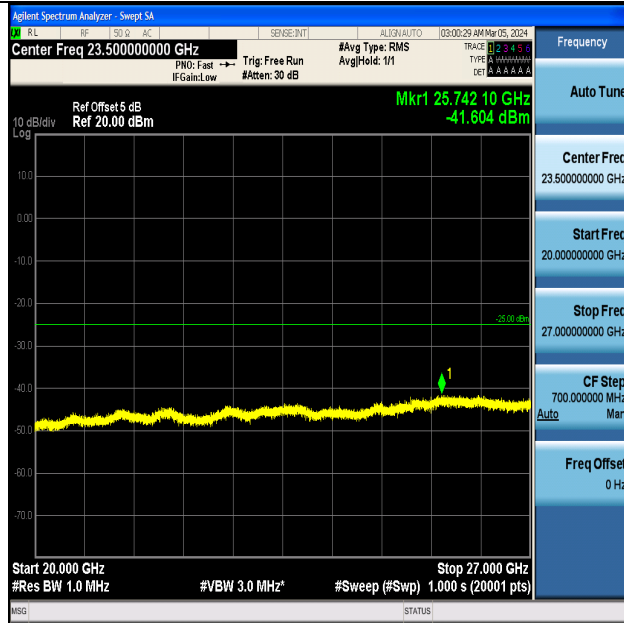




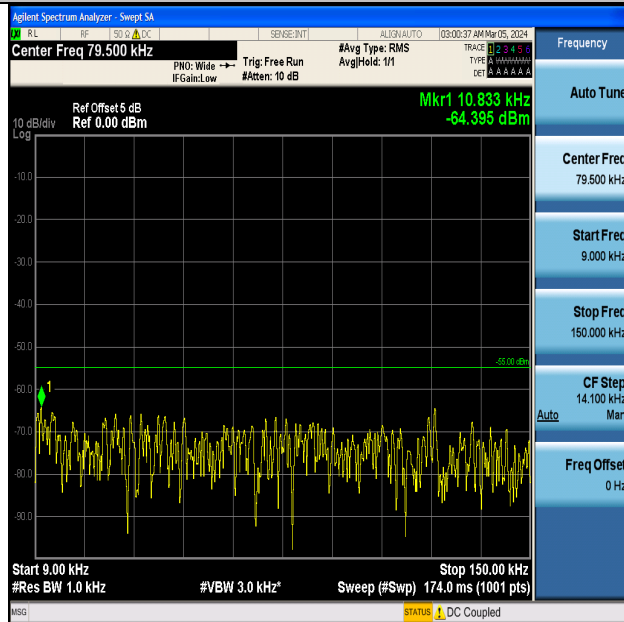
Band7_5MHz_QPSK_20775_1RB#0_30~1000_30~1000



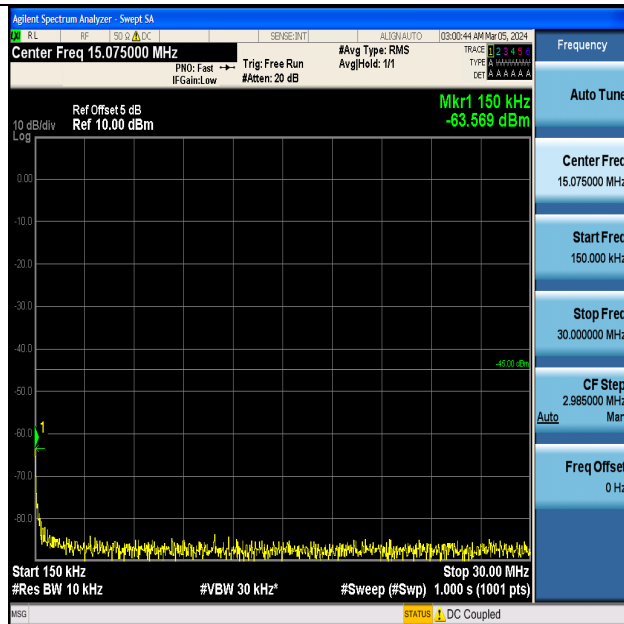
Band7_5MHz_QPSK_20775_1RB#0_1000~20000_1000~20000



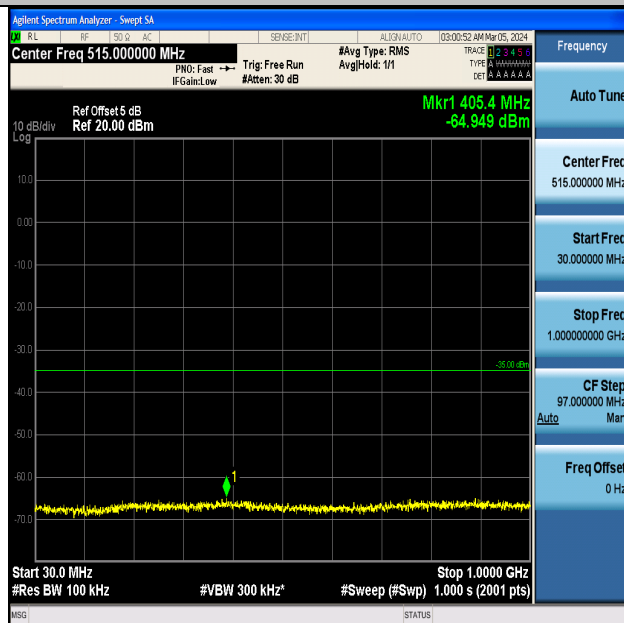
Band7_5MHz_QPSK_20775_1RB#0_20000~27000_20000~27000



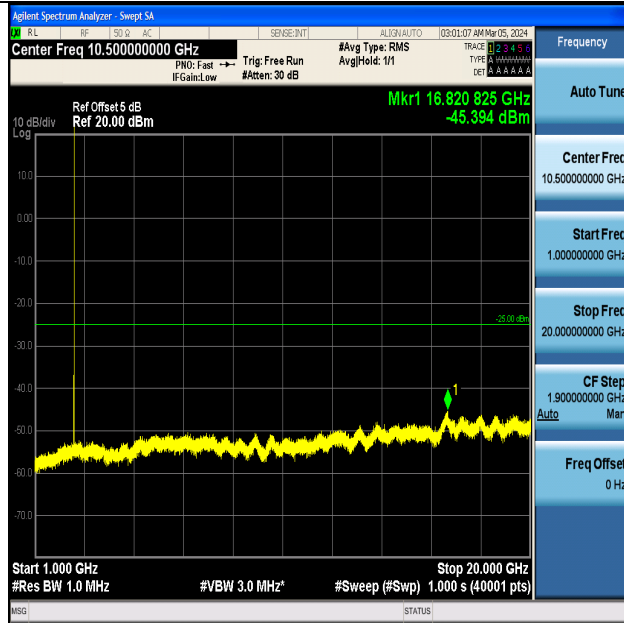
Band7_5MHz_16QAM_20775_1RB#0_0.009~0.15_0.009~0.15



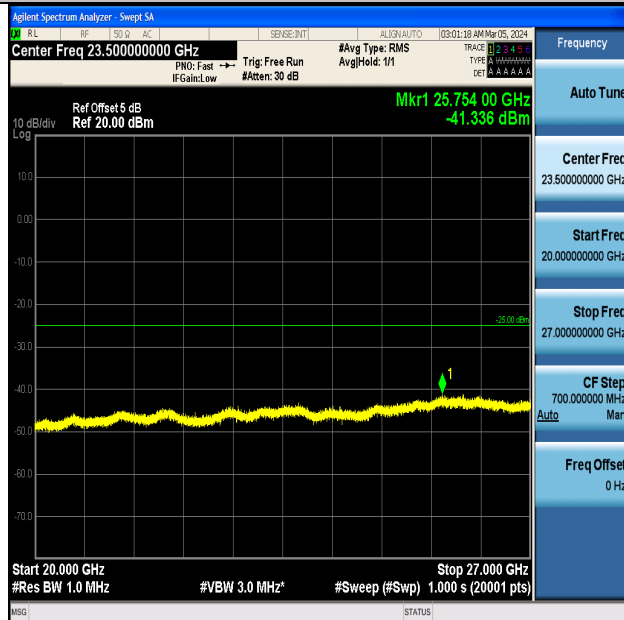
Band7_5MHz_16QAM_20775_1RB#0_0.15~30_0.15~30



Band7_5MHz_16QAM_20775_1RB#0_30~1000_30~1000



Band7_5MHz_16QAM_20775_1RB#0_1000~20000_1000~20000



Band7_5MHz_16QAM_20775_1RB#0_20000~27000_20000~27000