

Appendix for LTE Band 7

Applicant: UCLOUDLINK (SINGAPORE) PTE.LTD

**Address: 80 ROBINSON ROAD #02-00
SINGAPORE(068898)**

Product Name: Cloudsim Kit

Model: GLMU24A02

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Appendix A: Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	21.76	PASS
Band7	5MHz	16QAM	20775	1RB#0	20.26	PASS
Band7	5MHz	QPSK	20775	1RB#12	20.85	PASS
Band7	5MHz	16QAM	20775	1RB#12	19.52	PASS
Band7	5MHz	QPSK	20775	1RB#24	20.55	PASS
Band7	5MHz	16QAM	20775	1RB#24	19.28	PASS
Band7	5MHz	QPSK	20775	12RB#0	19.30	PASS
Band7	5MHz	16QAM	20775	12RB#0	18.25	PASS
Band7	5MHz	QPSK	20775	12RB#6	19.15	PASS
Band7	5MHz	16QAM	20775	12RB#6	18.16	PASS
Band7	5MHz	QPSK	20775	12RB#13	19.27	PASS
Band7	5MHz	16QAM	20775	12RB#13	18.24	PASS
Band7	5MHz	QPSK	20775	25RB#0	19.03	PASS
Band7	5MHz	16QAM	20775	25RB#0	18.04	PASS
Band7	5MHz	QPSK	21100	1RB#0	20.16	PASS
Band7	5MHz	16QAM	21100	1RB#0	19.09	PASS
Band7	5MHz	QPSK	21100	1RB#12	20.13	PASS
Band7	5MHz	16QAM	21100	1RB#12	19.10	PASS
Band7	5MHz	QPSK	21100	1RB#24	20.19	PASS
Band7	5MHz	16QAM	21100	1RB#24	19.23	PASS
Band7	5MHz	QPSK	21100	12RB#0	19.11	PASS
Band7	5MHz	16QAM	21100	12RB#0	18.10	PASS
Band7	5MHz	QPSK	21100	12RB#6	19.06	PASS
Band7	5MHz	16QAM	21100	12RB#6	18.14	PASS
Band7	5MHz	QPSK	21100	12RB#13	19.23	PASS
Band7	5MHz	16QAM	21100	12RB#13	18.28	PASS
Band7	5MHz	QPSK	21100	25RB#0	19.13	PASS
Band7	5MHz	16QAM	21100	25RB#0	18.10	PASS
Band7	5MHz	QPSK	21425	1RB#0	20.17	PASS
Band7	5MHz	16QAM	21425	1RB#0	19.12	PASS
Band7	5MHz	QPSK	21425	1RB#12	20.14	PASS
Band7	5MHz	16QAM	21425	1RB#12	19.08	PASS
Band7	5MHz	QPSK	21425	1RB#24	20.05	PASS
Band7	5MHz	16QAM	21425	1RB#24	19.15	PASS
Band7	5MHz	QPSK	21425	12RB#0	19.10	PASS
Band7	5MHz	16QAM	21425	12RB#0	18.18	PASS
Band7	5MHz	QPSK	21425	12RB#6	19.20	PASS
Band7	5MHz	16QAM	21425	12RB#6	18.14	PASS

Band7	5MHz	QPSK	21425	12RB#13	19.21	PASS
Band7	5MHz	16QAM	21425	12RB#13	18.23	PASS
Band7	5MHz	QPSK	21425	25RB#0	19.11	PASS
Band7	5MHz	16QAM	21425	25RB#0	18.12	PASS
Band7	10MHz	QPSK	20800	1RB#0	20.21	PASS
Band7	10MHz	16QAM	20800	1RB#0	19.17	PASS
Band7	10MHz	QPSK	20800	1RB#24	20.40	PASS
Band7	10MHz	16QAM	20800	1RB#24	19.36	PASS
Band7	10MHz	QPSK	20800	1RB#49	20.09	PASS
Band7	10MHz	16QAM	20800	1RB#49	19.03	PASS
Band7	10MHz	QPSK	20800	25RB#0	19.25	PASS
Band7	10MHz	16QAM	20800	25RB#0	18.14	PASS
Band7	10MHz	QPSK	20800	25RB#12	19.12	PASS
Band7	10MHz	16QAM	20800	25RB#12	18.05	PASS
Band7	10MHz	QPSK	20800	25RB#25	19.16	PASS
Band7	10MHz	16QAM	20800	25RB#25	18.10	PASS
Band7	10MHz	QPSK	20800	50RB#0	19.15	PASS
Band7	10MHz	QPSK	21100	1RB#0	21.51	PASS
Band7	10MHz	16QAM	21100	1RB#0	20.07	PASS
Band7	10MHz	QPSK	21100	1RB#24	20.96	PASS
Band7	10MHz	16QAM	21100	1RB#24	19.83	PASS
Band7	10MHz	QPSK	21100	1RB#49	20.61	PASS
Band7	10MHz	16QAM	21100	1RB#49	19.55	PASS
Band7	10MHz	QPSK	21100	25RB#0	19.33	PASS
Band7	10MHz	16QAM	21100	25RB#0	18.31	PASS
Band7	10MHz	QPSK	21100	25RB#12	19.23	PASS
Band7	10MHz	16QAM	21100	25RB#12	18.17	PASS
Band7	10MHz	QPSK	21100	25RB#25	19.34	PASS
Band7	10MHz	16QAM	21100	25RB#25	18.36	PASS
Band7	10MHz	QPSK	21100	50RB#0	19.31	PASS
Band7	10MHz	QPSK	21400	1RB#0	21.30	PASS
Band7	10MHz	16QAM	21400	1RB#0	19.77	PASS
Band7	10MHz	QPSK	21400	1RB#24	20.88	PASS
Band7	10MHz	16QAM	21400	1RB#24	19.55	PASS
Band7	10MHz	QPSK	21400	1RB#49	20.61	PASS
Band7	10MHz	16QAM	21400	1RB#49	19.73	PASS
Band7	10MHz	QPSK	21400	25RB#0	19.29	PASS
Band7	10MHz	16QAM	21400	25RB#0	18.27	PASS
Band7	10MHz	QPSK	21400	25RB#12	19.22	PASS
Band7	10MHz	16QAM	21400	25RB#12	18.21	PASS
Band7	10MHz	QPSK	21400	25RB#25	19.14	PASS
Band7	10MHz	16QAM	21400	25RB#25	18.11	PASS
Band7	10MHz	QPSK	21400	50RB#0	19.23	PASS

Band7	15MHz	QPSK	20825	1RB#0	21.72	PASS
Band7	15MHz	16QAM	20825	1RB#0	20.34	PASS
Band7	15MHz	QPSK	20825	1RB#38	20.69	PASS
Band7	15MHz	16QAM	20825	1RB#38	19.47	PASS
Band7	15MHz	QPSK	20825	1RB#74	20.16	PASS
Band7	15MHz	16QAM	20825	1RB#74	19.02	PASS
Band7	15MHz	QPSK	20825	38RB#0	19.11	PASS
Band7	15MHz	16QAM	20825	38RB#0	18.96	PASS
Band7	15MHz	QPSK	20825	38RB#18	19.43	PASS
Band7	15MHz	16QAM	20825	38RB#18	18.76	PASS
Band7	15MHz	QPSK	20825	38RB#37	19.36	PASS
Band7	15MHz	16QAM	20825	38RB#37	18.67	PASS
Band7	15MHz	QPSK	20825	75RB#0	19.11	PASS
Band7	15MHz	QPSK	21100	1RB#0	21.16	PASS
Band7	15MHz	16QAM	21100	1RB#0	19.93	PASS
Band7	15MHz	QPSK	21100	1RB#38	20.72	PASS
Band7	15MHz	16QAM	21100	1RB#38	19.74	PASS
Band7	15MHz	QPSK	21100	1RB#74	20.36	PASS
Band7	15MHz	16QAM	21100	1RB#74	19.40	PASS
Band7	15MHz	QPSK	21100	38RB#0	19.32	PASS
Band7	15MHz	16QAM	21100	38RB#0	19.26	PASS
Band7	15MHz	QPSK	21100	38RB#18	19.19	PASS
Band7	15MHz	16QAM	21100	38RB#18	19.16	PASS
Band7	15MHz	QPSK	21100	38RB#37	19.14	PASS
Band7	15MHz	16QAM	21100	38RB#37	19.14	PASS
Band7	15MHz	QPSK	21100	75RB#0	19.12	PASS
Band7	15MHz	QPSK	21375	1RB#0	20.93	PASS
Band7	15MHz	16QAM	21375	1RB#0	19.21	PASS
Band7	15MHz	QPSK	21375	1RB#38	20.67	PASS
Band7	15MHz	16QAM	21375	1RB#38	19.12	PASS
Band7	15MHz	QPSK	21375	1RB#74	20.46	PASS
Band7	15MHz	16QAM	21375	1RB#74	19.16	PASS
Band7	15MHz	QPSK	21375	38RB#0	19.56	PASS
Band7	15MHz	16QAM	21375	38RB#0	18.94	PASS
Band7	15MHz	QPSK	21375	38RB#18	19.04	PASS
Band7	15MHz	16QAM	21375	38RB#18	18.96	PASS
Band7	15MHz	QPSK	21375	38RB#37	19.02	PASS
Band7	15MHz	16QAM	21375	38RB#37	19.02	PASS
Band7	15MHz	QPSK	21375	75RB#0	19.23	PASS
Band7	20MHz	QPSK	20850	1RB#0	21.77	PASS
Band7	20MHz	16QAM	20850	1RB#0	20.28	PASS
Band7	20MHz	QPSK	20850	1RB#49	20.52	PASS
Band7	20MHz	16QAM	20850	1RB#49	19.26	PASS

Band7	20MHz	QPSK	20850	1RB#99	20.01	PASS
Band7	20MHz	16QAM	20850	1RB#99	19.22	PASS
Band7	20MHz	QPSK	20850	50RB#0	19.38	PASS
Band7	20MHz	16QAM	20850	50RB#0	18.70	PASS
Band7	20MHz	QPSK	20850	50RB#25	20.60	PASS
Band7	20MHz	16QAM	20850	50RB#25	19.55	PASS
Band7	20MHz	QPSK	20850	50RB#50	20.01	PASS
Band7	20MHz	16QAM	20850	50RB#50	18.92	PASS
Band7	20MHz	QPSK	20850	100RB#0	20.61	PASS
Band7	20MHz	QPSK	21100	1RB#0	21.66	PASS
Band7	20MHz	16QAM	21100	1RB#0	20.06	PASS
Band7	20MHz	QPSK	21100	1RB#49	21.31	PASS
Band7	20MHz	16QAM	21100	1RB#49	20.01	PASS
Band7	20MHz	QPSK	21100	1RB#99	20.91	PASS
Band7	20MHz	16QAM	21100	1RB#99	19.72	PASS
Band7	20MHz	QPSK	21100	50RB#0	19.44	PASS
Band7	20MHz	16QAM	21100	50RB#0	18.31	PASS
Band7	20MHz	QPSK	21100	50RB#25	20.48	PASS
Band7	20MHz	16QAM	21100	50RB#25	19.27	PASS
Band7	20MHz	QPSK	21100	50RB#50	20.80	PASS
Band7	20MHz	16QAM	21100	50RB#50	19.75	PASS
Band7	20MHz	QPSK	21100	100RB#0	20.69	PASS
Band7	20MHz	QPSK	21350	1RB#0	21.91	PASS
Band7	20MHz	16QAM	21350	1RB#0	20.57	PASS
Band7	20MHz	QPSK	21350	1RB#49	20.99	PASS
Band7	20MHz	16QAM	21350	1RB#49	19.91	PASS
Band7	20MHz	QPSK	21350	1RB#99	20.49	PASS
Band7	20MHz	16QAM	21350	1RB#99	19.55	PASS
Band7	20MHz	QPSK	21350	50RB#0	19.20	PASS
Band7	20MHz	16QAM	21350	50RB#0	18.17	PASS
Band7	20MHz	QPSK	21350	50RB#25	20.18	PASS
Band7	20MHz	16QAM	21350	50RB#25	19.02	PASS
Band7	20MHz	QPSK	21350	50RB#50	20.88	PASS
Band7	20MHz	16QAM	21350	50RB#50	19.66	PASS
Band7	20MHz	QPSK	21350	100RB#0	20.29	PASS

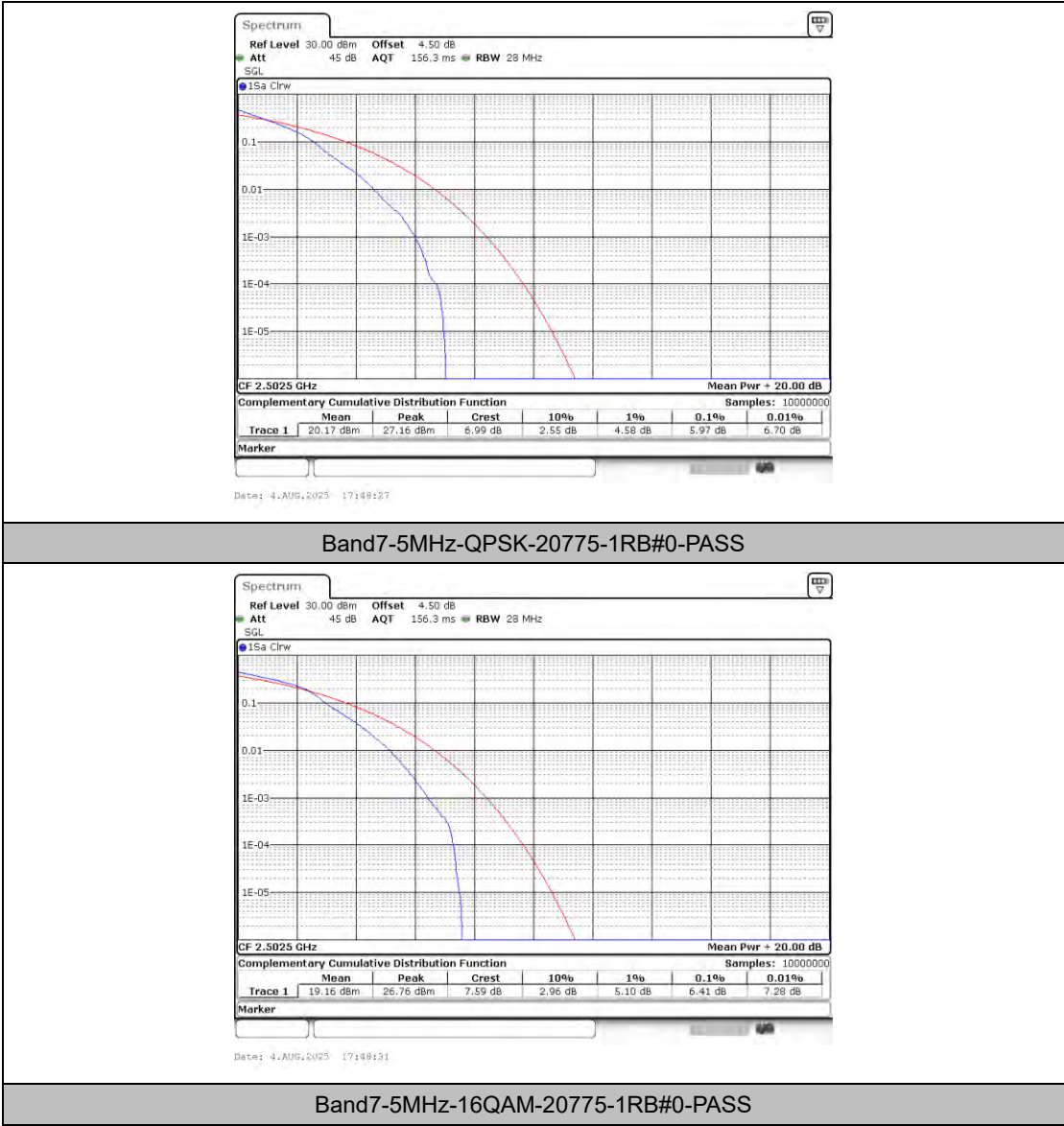
Appendix B: Peak-to-Average Ratio(CCDF)

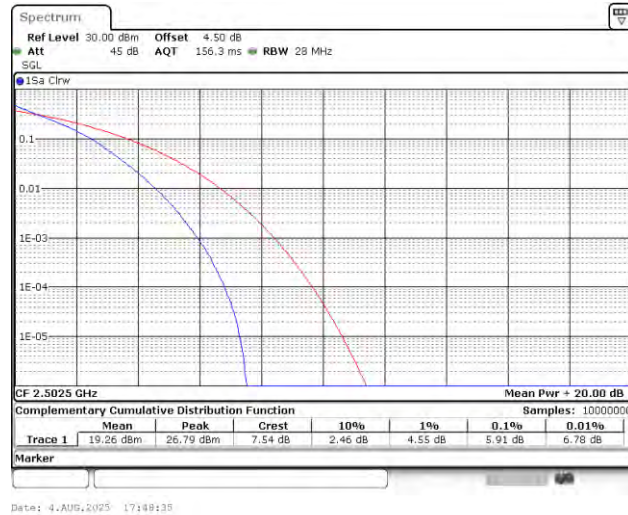
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	5.97	13	PASS
Band7	5MHz	16QAM	20775	1RB#0	6.41	13	PASS
Band7	5MHz	QPSK	20775	25RB#0	5.91	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	6.58	13	PASS
Band7	5MHz	QPSK	21100	1RB#0	5.83	13	PASS
Band7	5MHz	16QAM	21100	1RB#0	6.46	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.86	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	6.58	13	PASS
Band7	5MHz	QPSK	21425	1RB#0	5.30	13	PASS
Band7	5MHz	16QAM	21425	1RB#0	5.97	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	5.74	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	6.52	13	PASS
Band7	10MHz	QPSK	20800	1RB#0	5.74	13	PASS
Band7	10MHz	16QAM	20800	1RB#0	6.93	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	5.59	13	PASS
Band7	10MHz	QPSK	21100	1RB#0	5.80	13	PASS
Band7	10MHz	16QAM	21100	1RB#0	6.87	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.65	13	PASS
Band7	10MHz	QPSK	21400	1RB#0	5.42	13	PASS
Band7	10MHz	16QAM	21400	1RB#0	6.12	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	5.48	13	PASS
Band7	15MHz	QPSK	20825	1RB#0	5.83	13	PASS
Band7	15MHz	16QAM	20825	1RB#0	6.87	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.88	13	PASS
Band7	15MHz	QPSK	21100	1RB#0	5.74	13	PASS
Band7	15MHz	16QAM	21100	1RB#0	6.84	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.94	13	PASS
Band7	15MHz	QPSK	21375	1RB#0	5.48	13	PASS
Band7	15MHz	16QAM	21375	1RB#0	6.35	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	5.77	13	PASS
Band7	20MHz	QPSK	20850	1RB#0	5.88	13	PASS
Band7	20MHz	16QAM	20850	1RB#0	6.61	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.54	13	PASS
Band7	20MHz	QPSK	21100	1RB#0	5.54	13	PASS
Band7	20MHz	16QAM	21100	1RB#0	6.58	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.59	13	PASS
Band7	20MHz	QPSK	21350	1RB#0	5.33	13	PASS
Band7	20MHz	16QAM	21350	1RB#0	6.06	13	PASS

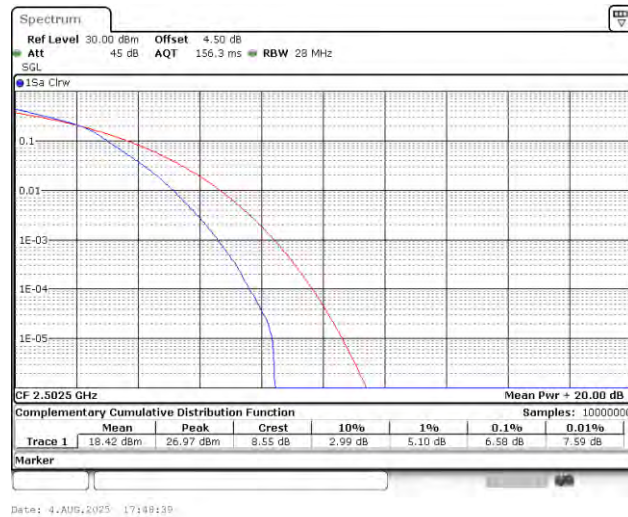
Band7	20MHz	QPSK	21350	100RB#0	5.48	13	PASS
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Test Graphs





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



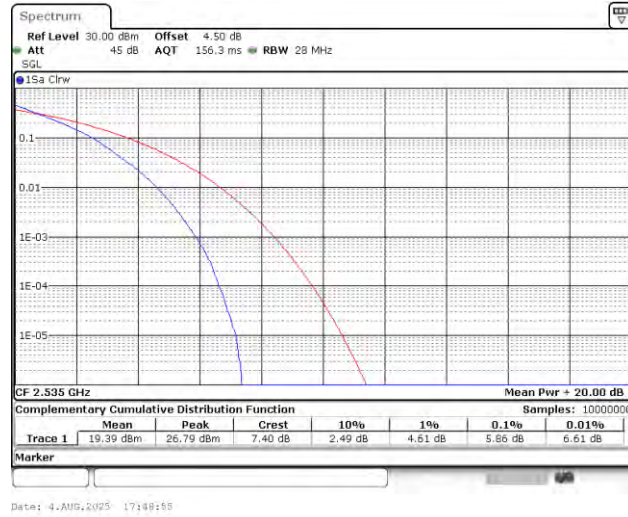
Band7-5MHz-16QAM-20775-25RB#0-PASS



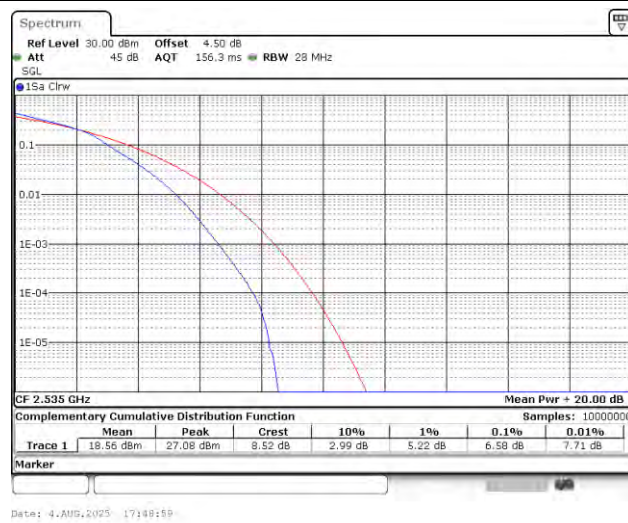
Band7-5MHz-QPSK-21100-1RB#0-PASS



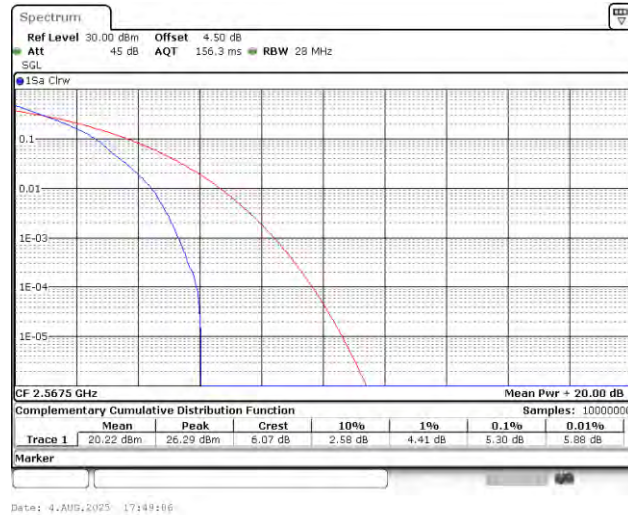
Band7-5MHz-16QAM-21100-1RB#0-PASS



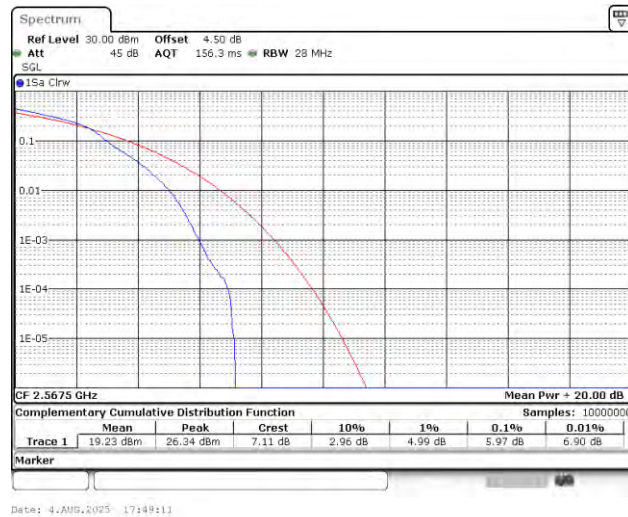
Band7-5MHz-QPSK-21100-25RB#0-PASS



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



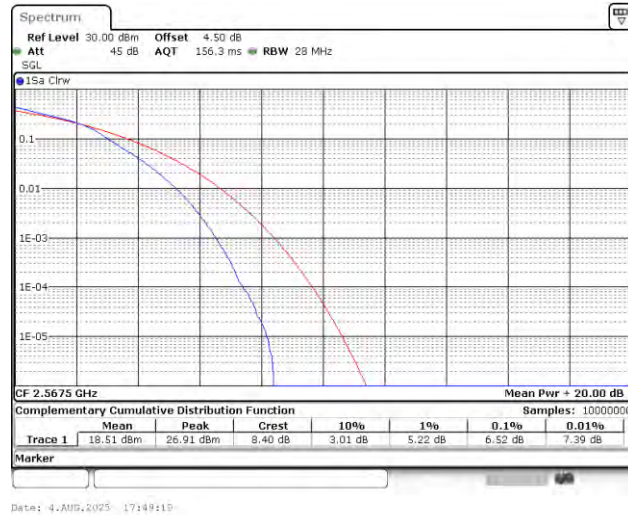
Band7-5MHz-QPSK-21425-1RB#0-PASS



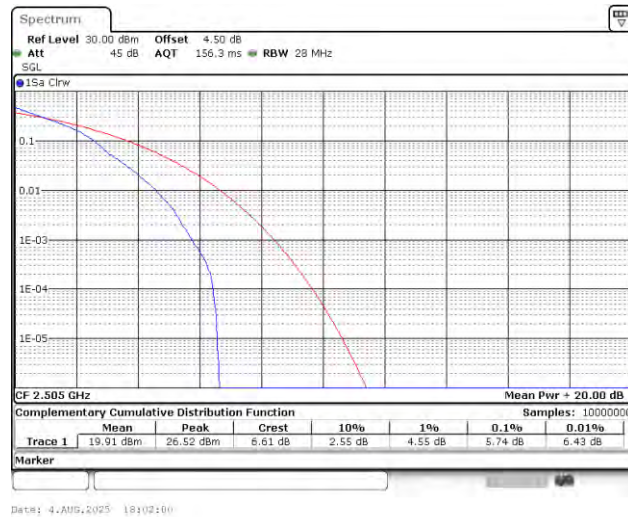
Band7-5MHz-16QAM-21425-1RB#0-PASS



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



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



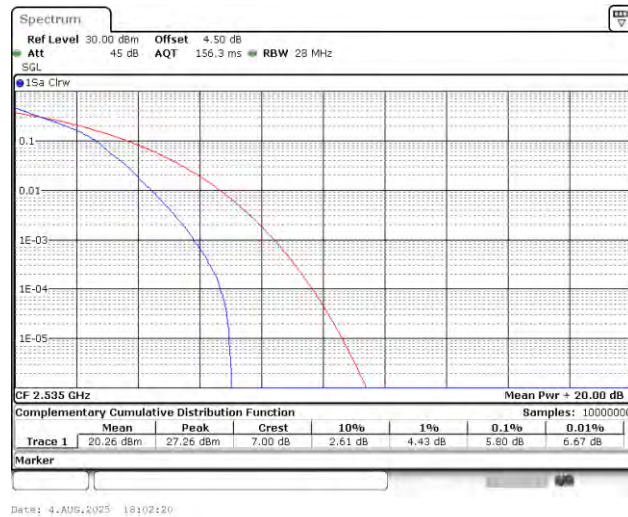
Band7-10MHz-QPSK-20800-1RB#0-PASS



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



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



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



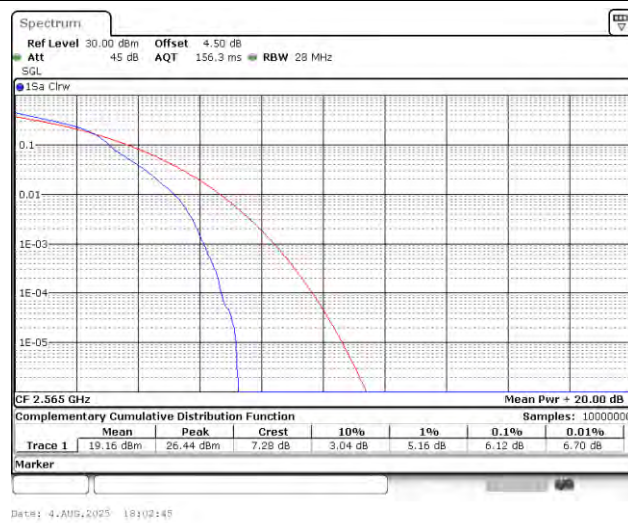
Band7-10MHz-16QAM-21100-1RB#0-PASS



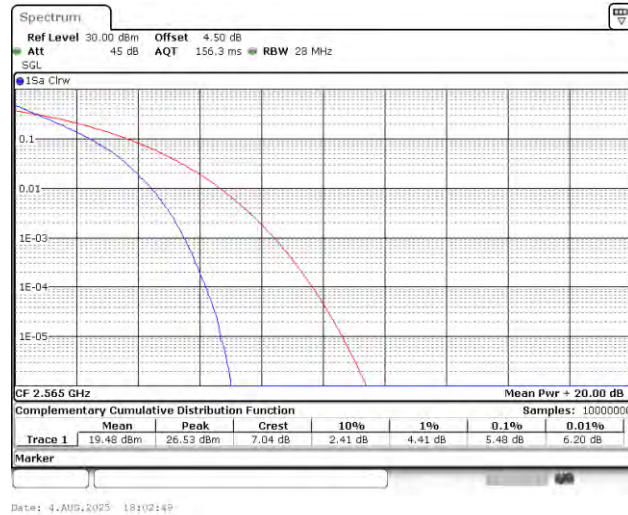
Band7-10MHz-QPSK-21100-50RB#0-PASS



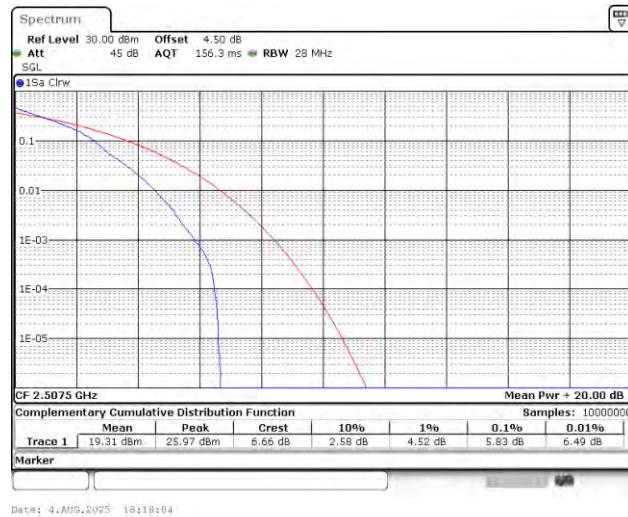
Band7-10MHz-QPSK-21400-1RB#0-PASS



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



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



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



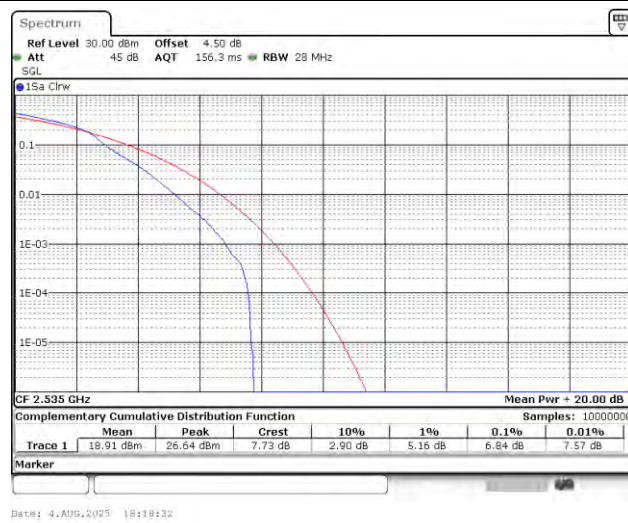
Band7-15MHz-16QAM-20825-1RB#0-PASS



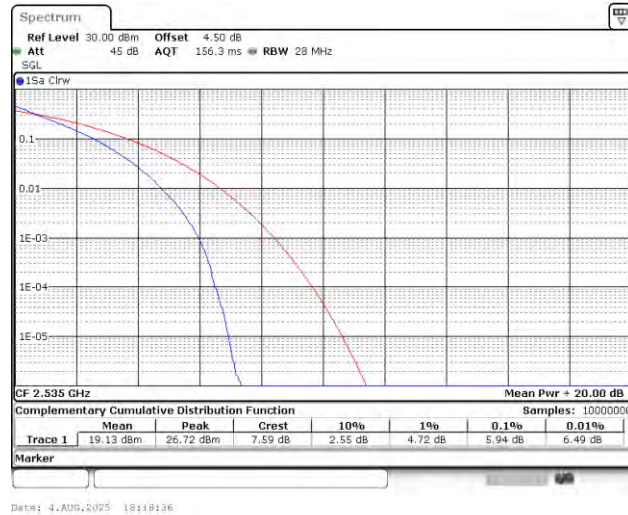
Band7-15MHz-QPSK-20825-75RB#0-PASS



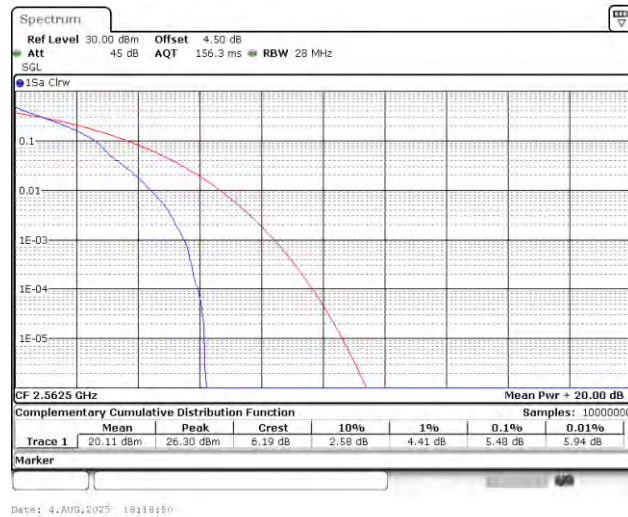
Band7-15MHz-QPSK-21100-1RB#0-PASS



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



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



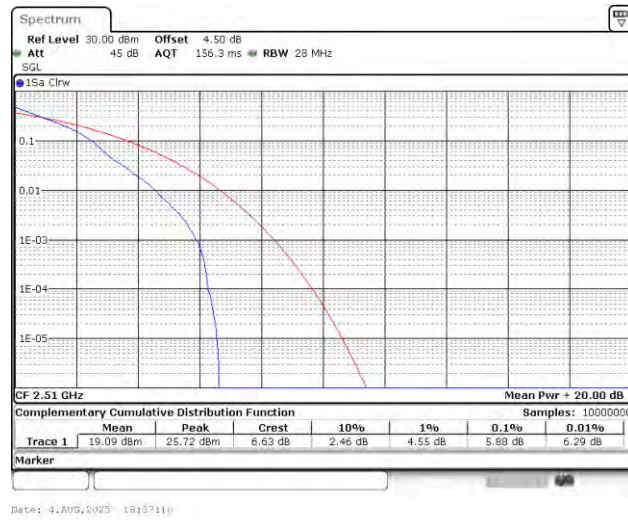
Band7-15MHz-QPSK-21375-1RB#0-PASS



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



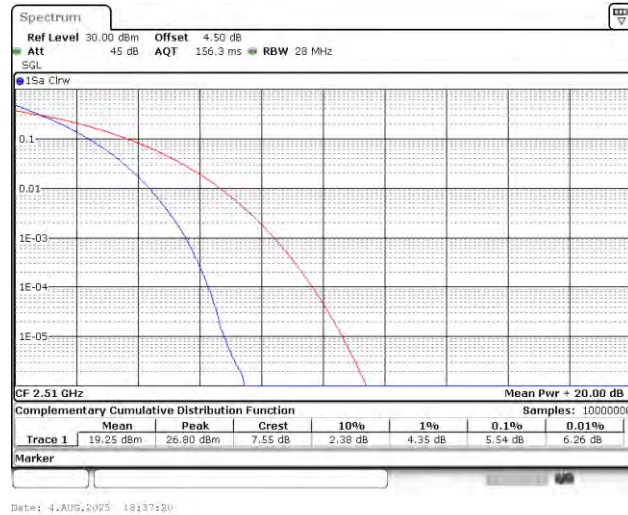
Band7-15MHz-QPSK-21375-75RB#0-PASS



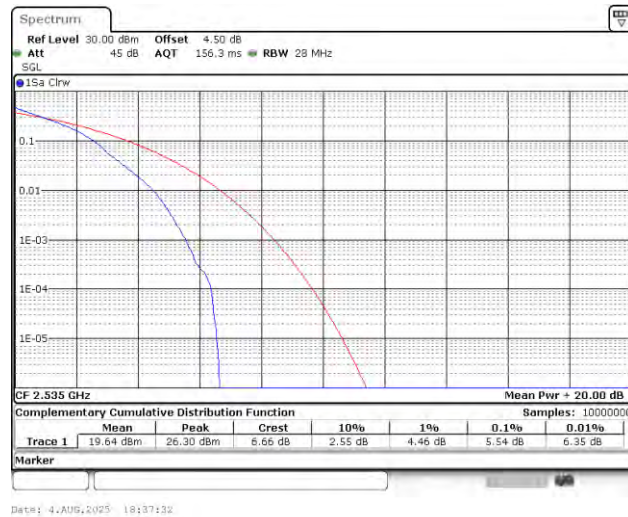
Band7-20MHz-QPSK-20850-1RB#0-PASS



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



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



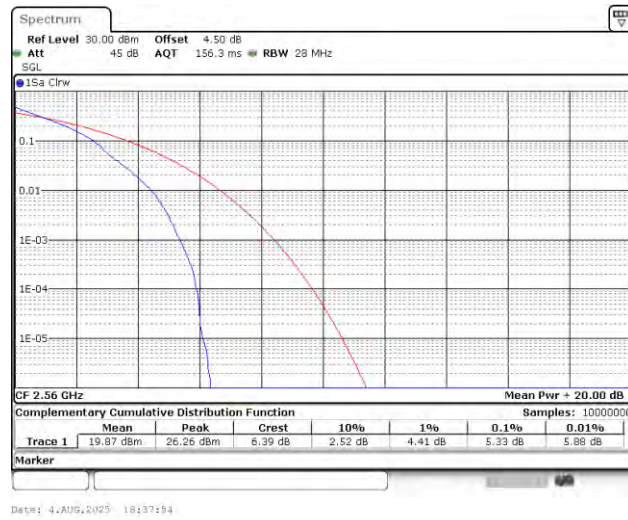
Band7-20MHz-QPSK-21100-1RB#0-PASS



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



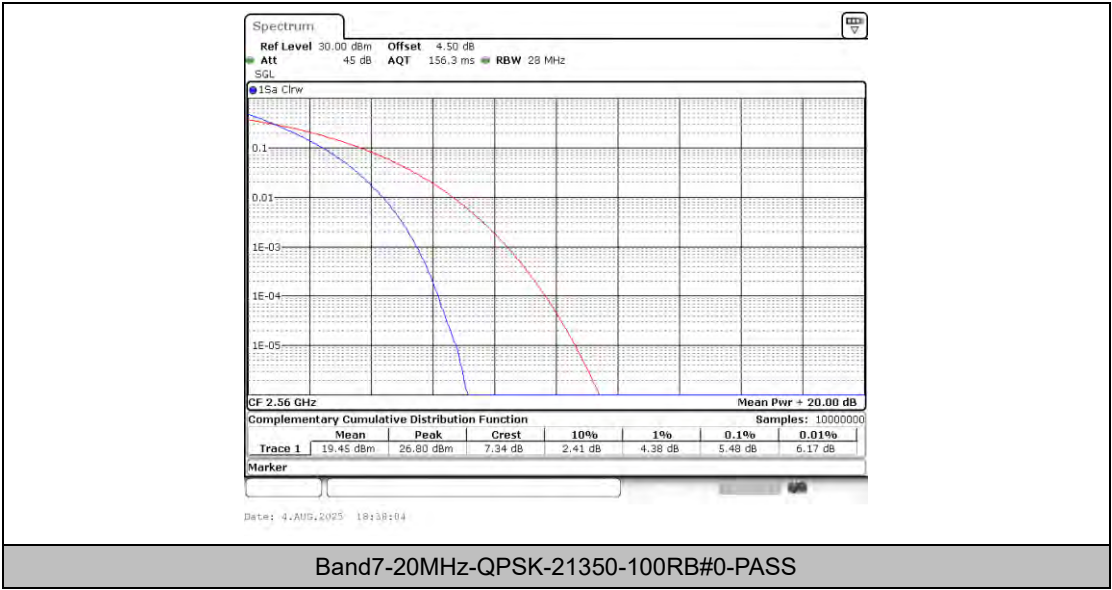
Band7-20MHz-QPSK-21100-100RB#0-PASS



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



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



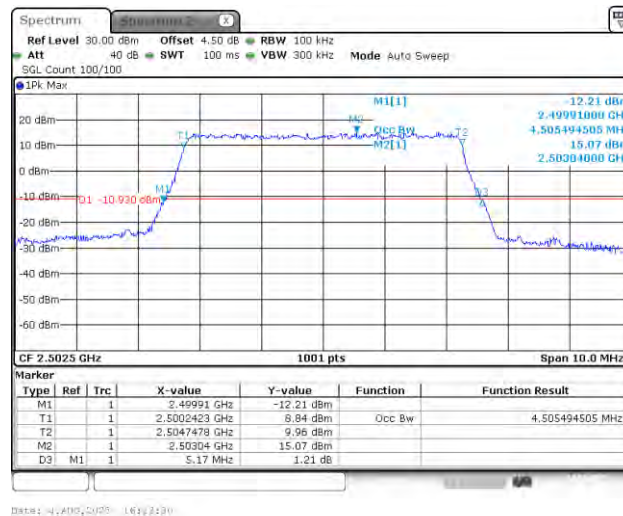
Band7-20MHz-QPSK-21350-100RB#0-PASS

Appendix C: 26dB Bandwidth and Occupied Bandwidth

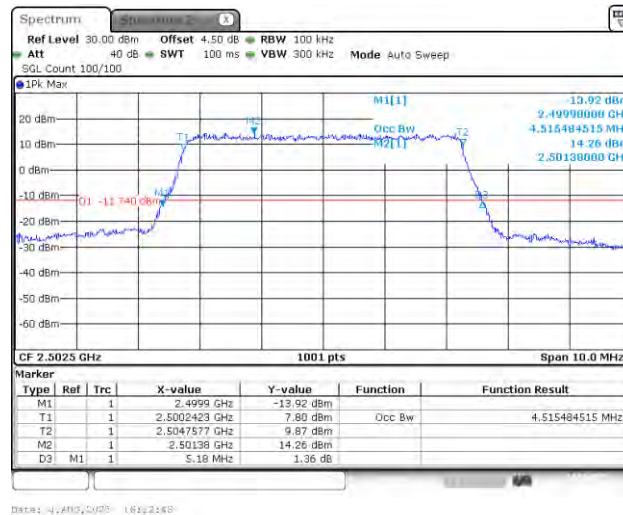
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.505	5.17	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.515	5.18	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.505	5.11	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.496	5.13	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.496	5.09	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.505	5.13	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.985	9.93	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.985	9.90	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.985	9.87	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.478	15.10	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.478	15.15	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.478	15.15	PASS
Band7	20MHz	QPSK	20850	100RB#0	18.037	19.80	PASS
Band7	20MHz	QPSK	21100	100RB#0	18.103	19.80	PASS
Band7	20MHz	QPSK	21350	100RB#0	18.103	19.80	PASS

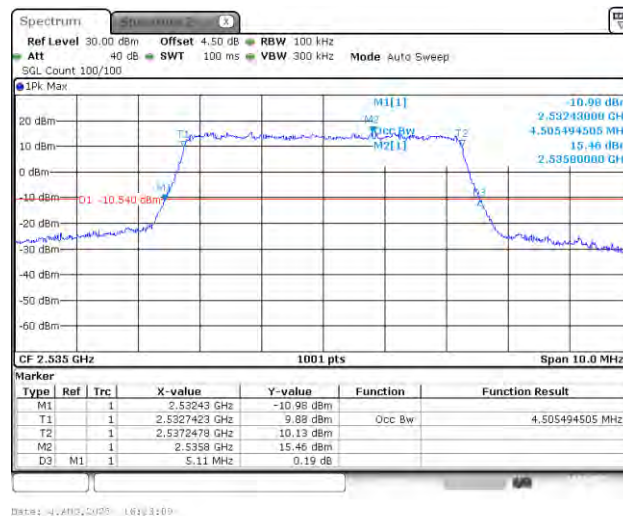
Test Graphs



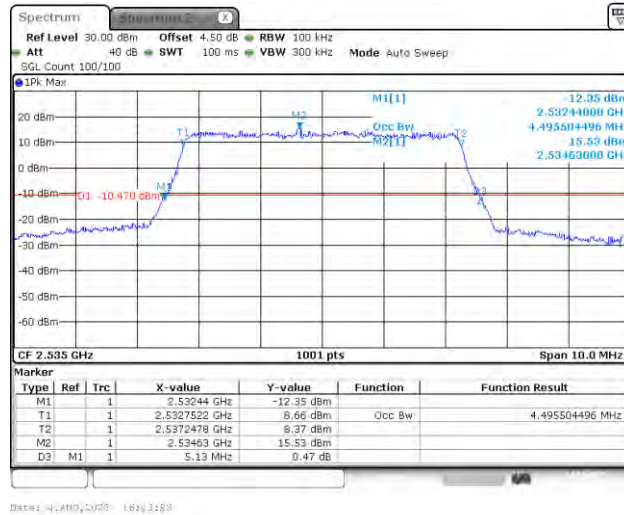
Band7-5MHz-QPSK-20775-25RB#0-PASS



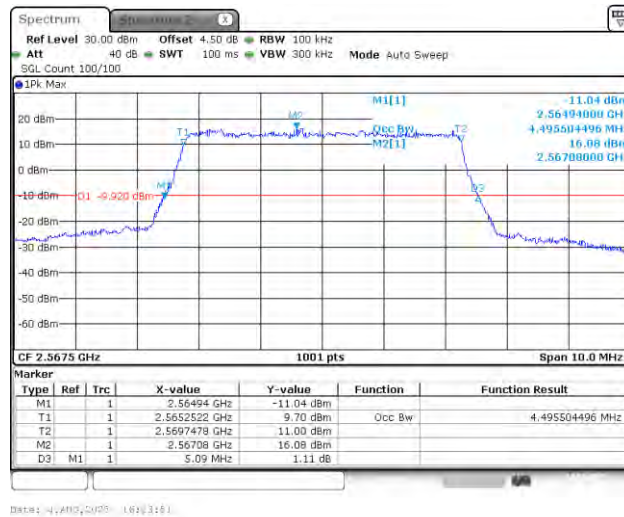
Band7-5MHz-16QAM-20775-25RB#0-PASS



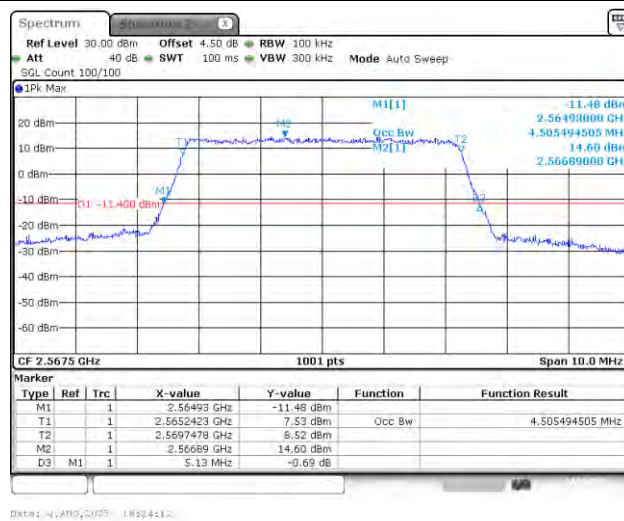
Band7-5MHz-QPSK-21100-25RB#0-PASS



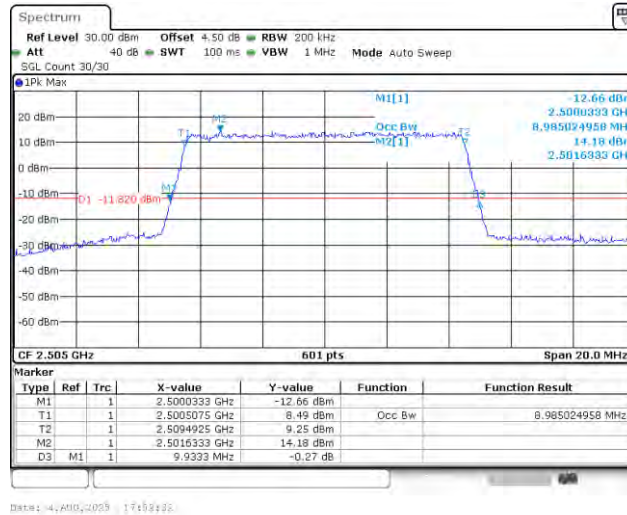
Band7-5MHz-16QAM-21100-25RB#0-PASS



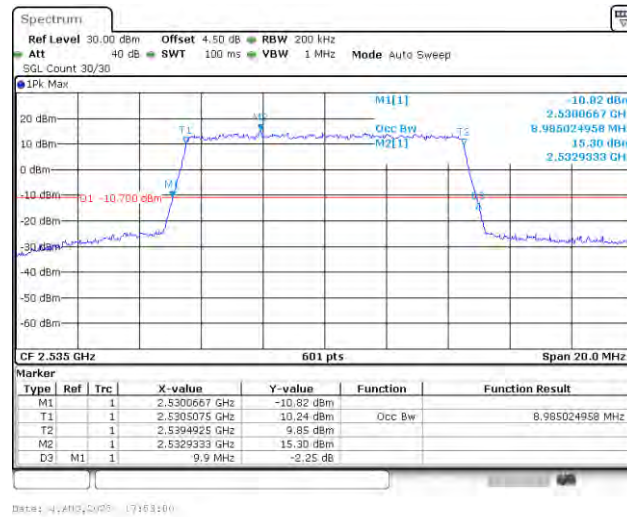
Band7-5MHz-QPSK-21425-25RB#0-PASS



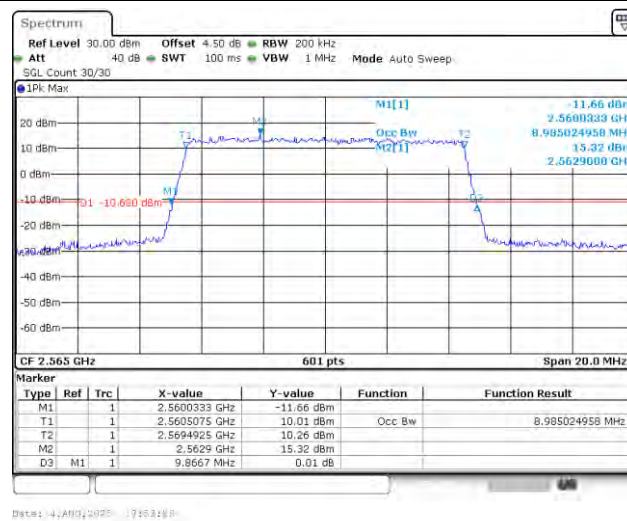
Band7-5MHz-16QAM-21425-25RB#0-PASS



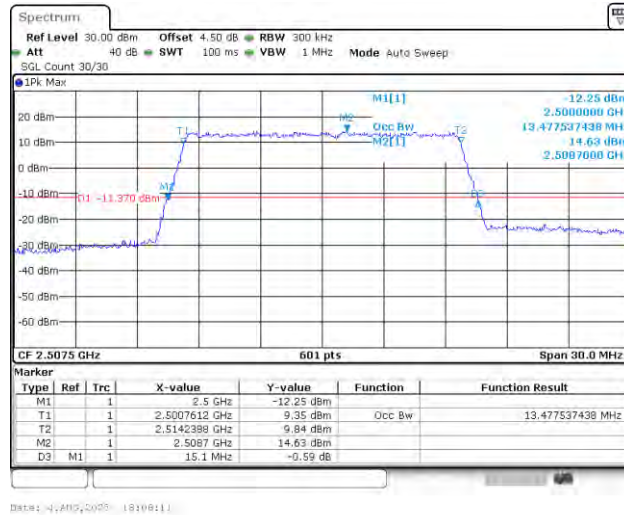
Band7-10MHz-QPSK-20800-50RB#0-PASS



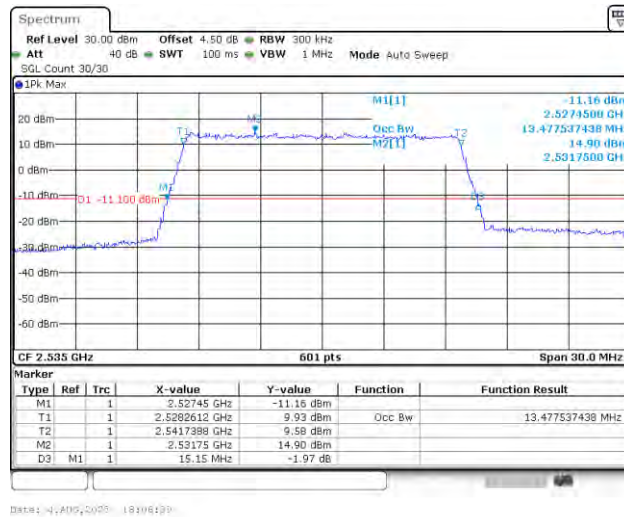
Band7-10MHz-QPSK-21100-50RB#0-PASS



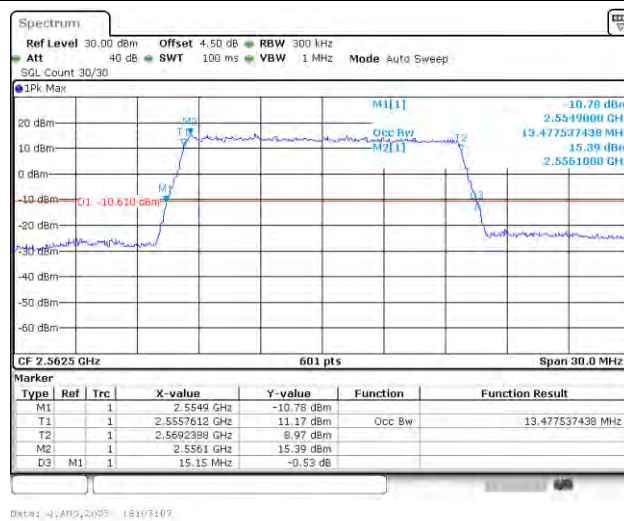
Band7-10MHz-QPSK-21400-50RB#0-PASS



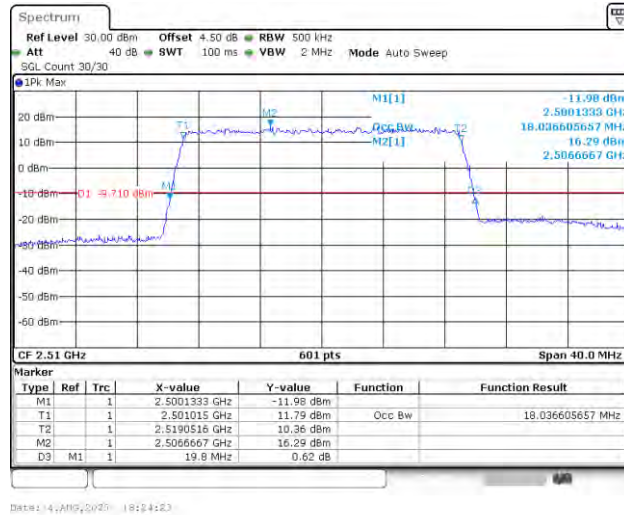
Band7-15MHz-QPSK-20825-75RB#0-PASS



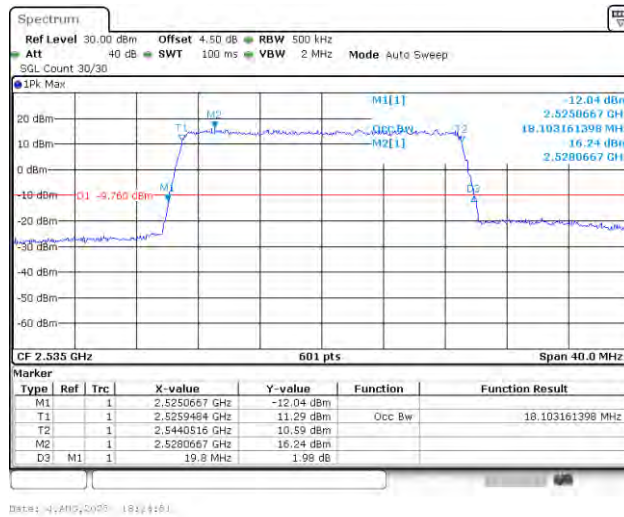
Band7-15MHz-QPSK-21100-75RB#0-PASS



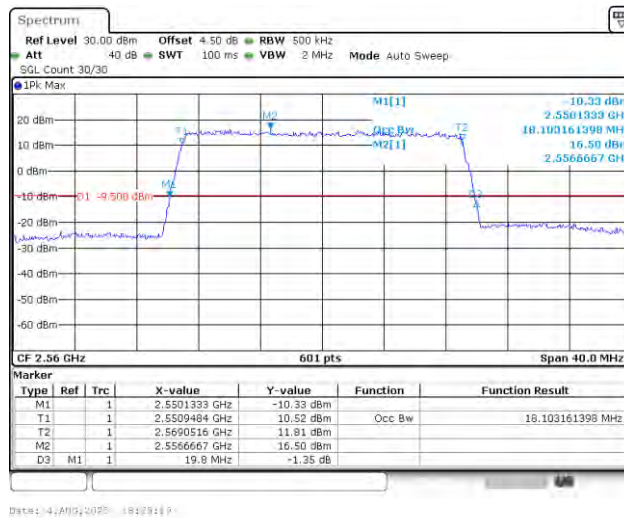
Band7-15MHz-QPSK-21375-75RB#0-PASS



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



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



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

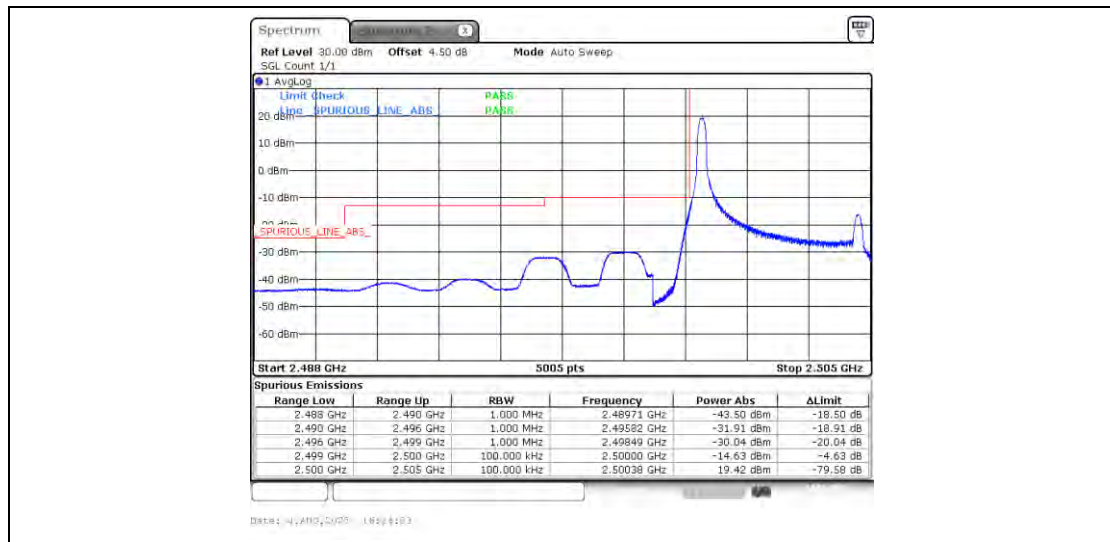
Appendix D: Band Edge

Test Result

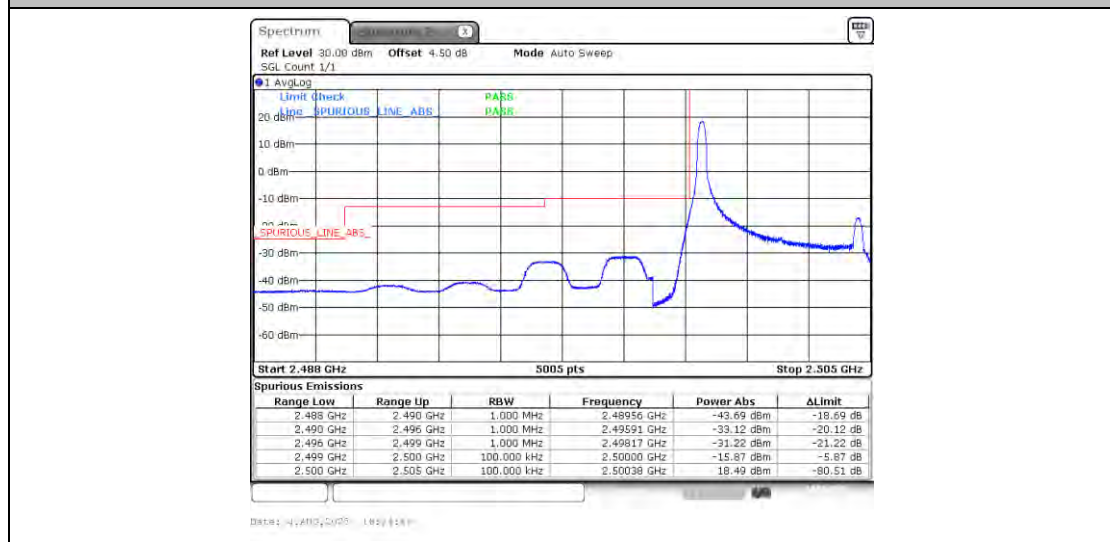
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	-14.63	PASS
Band7	5MHz	16QAM	20775	1RB#0	-15.87	PASS
Band7	5MHz	QPSK	20775	1RB#24	-30.19	PASS
Band7	5MHz	16QAM	20775	1RB#24	-31.26	PASS
Band7	5MHz	QPSK	20775	25RB#0	-24.50	PASS
Band7	5MHz	16QAM	20775	25RB#0	-24.01	PASS
Band7	5MHz	QPSK	21425	1RB#0	-42.32	PASS
Band7	5MHz	16QAM	21425	1RB#0	-42.64	PASS
Band7	5MHz	QPSK	21425	1RB#24	-13.72	PASS
Band7	5MHz	16QAM	21425	1RB#24	-14.76	PASS
Band7	5MHz	QPSK	21425	25RB#0	-39.26	PASS
Band7	5MHz	16QAM	21425	25RB#0	-38.60	PASS
Band7	10MHz	QPSK	20800	1RB#0	-23.27	PASS
Band7	10MHz	16QAM	20800	1RB#0	-24.82	PASS
Band7	10MHz	QPSK	20800	1RB#49	-31.67	PASS
Band7	10MHz	16QAM	20800	1RB#49	-32.42	PASS
Band7	10MHz	QPSK	20800	50RB#0	-42.38	PASS
Band7	10MHz	QPSK	21400	1RB#0	-28.86	PASS
Band7	10MHz	16QAM	21400	1RB#0	-30.15	PASS
Band7	10MHz	QPSK	21400	1RB#49	-23.00	PASS
Band7	10MHz	16QAM	21400	1RB#49	-23.71	PASS
Band7	10MHz	QPSK	21400	50RB#0	-40.59	PASS
Band7	15MHz	QPSK	20825	1RB#0	-20.23	PASS
Band7	15MHz	16QAM	20825	1RB#0	-21.42	PASS
Band7	15MHz	QPSK	20825	1RB#74	-31.18	PASS
Band7	15MHz	16QAM	20825	1RB#74	-31.87	PASS
Band7	15MHz	QPSK	20825	75RB#0	-43.75	PASS
Band7	15MHz	QPSK	21375	1RB#0	-26.37	PASS
Band7	15MHz	16QAM	21375	1RB#0	-27.57	PASS
Band7	15MHz	QPSK	21375	1RB#74	-22.28	PASS
Band7	15MHz	16QAM	21375	1RB#74	-23.40	PASS
Band7	15MHz	QPSK	21375	75RB#0	-28.66	PASS
Band7	20MHz	QPSK	20850	1RB#0	-29.39	PASS
Band7	20MHz	16QAM	20850	1RB#0	-30.69	PASS
Band7	20MHz	QPSK	20850	1RB#99	-32.53	PASS
Band7	20MHz	16QAM	20850	1RB#99	-45.10	PASS
Band7	20MHz	QPSK	20850	100RB#0	-44.92	PASS
Band7	20MHz	QPSK	21350	1RB#0	-25.42	PASS

Band7	20MHz	16QAM	21350	1RB#0	-26.93	PASS
Band7	20MHz	QPSK	21350	1RB#99	-24.62	PASS
Band7	20MHz	16QAM	21350	1RB#99	-25.68	PASS
Band7	20MHz	QPSK	21350	100RB#0	-29.63	PASS

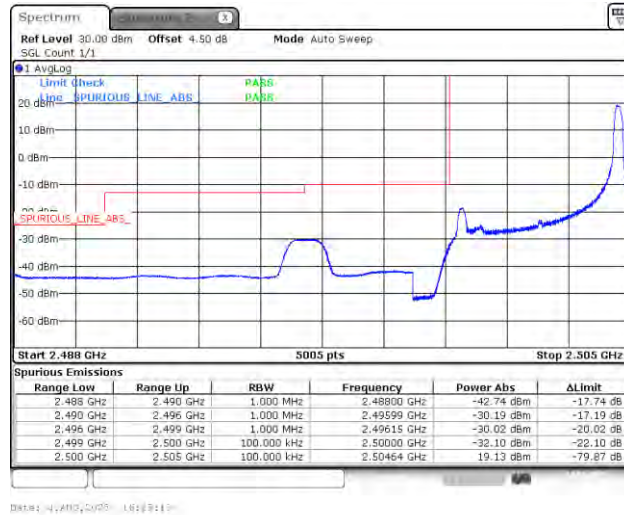
Test Graphs



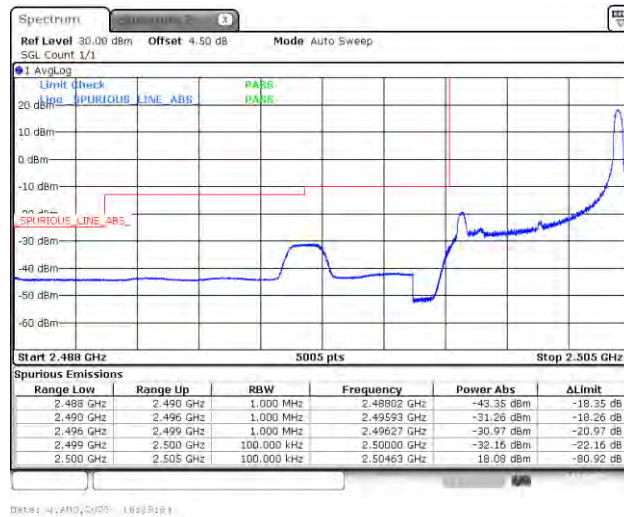
Band7_5MHz_QPSK_20775_1RB#0



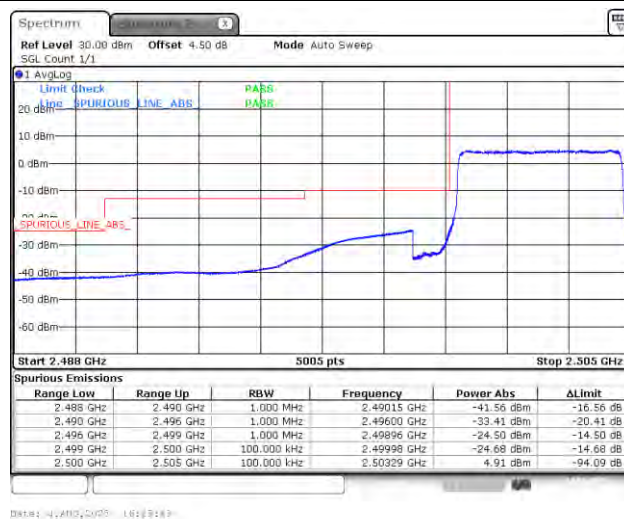
Band7_5MHz_16QAM_20775_1RB#0



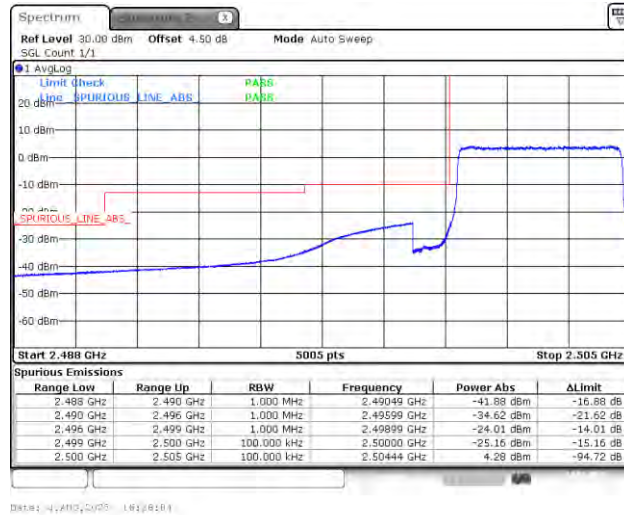
Band7_5MHz_QPSK_20775_1RB#24



Band7_5MHz_16QAM_20775_1RB#24



Band7_5MHz_QPSK_20775_25RB#0



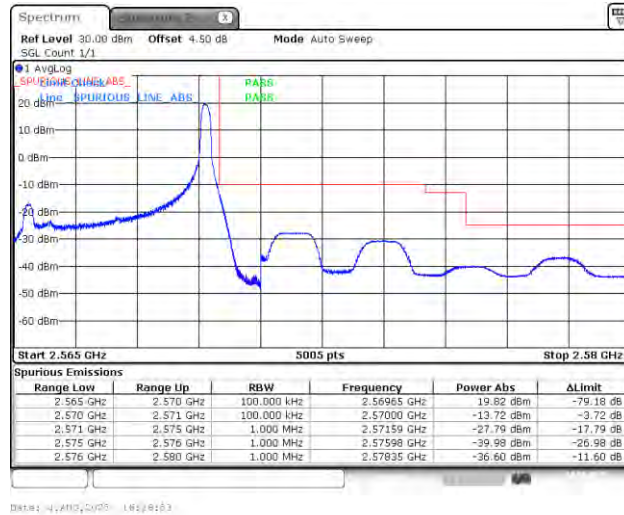
Band7_5MHz_16QAM_20775_25RB#0



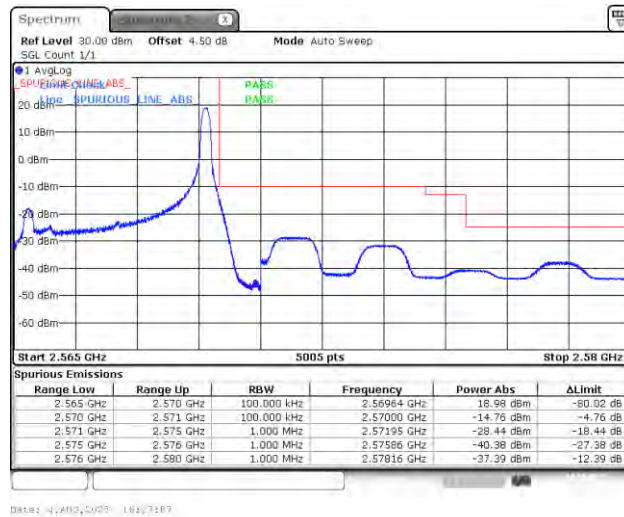
Band7_5MHz_QPSK_21425_1RB#0



Band7_5MHz_16QAM_21425_1RB#0



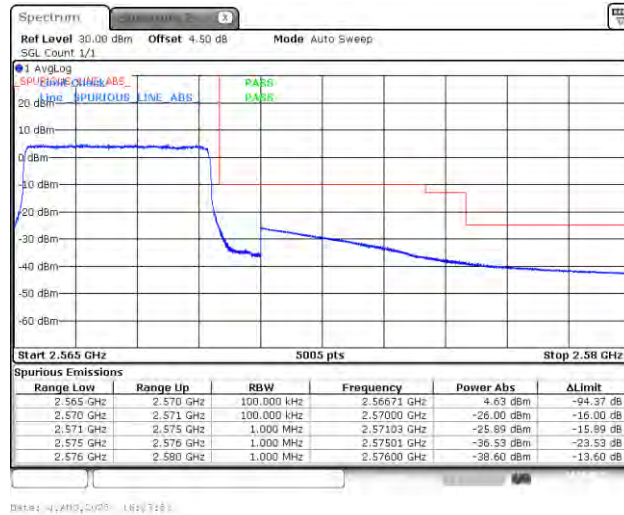
Band7_5MHz_QPSK_21425_1RB#24



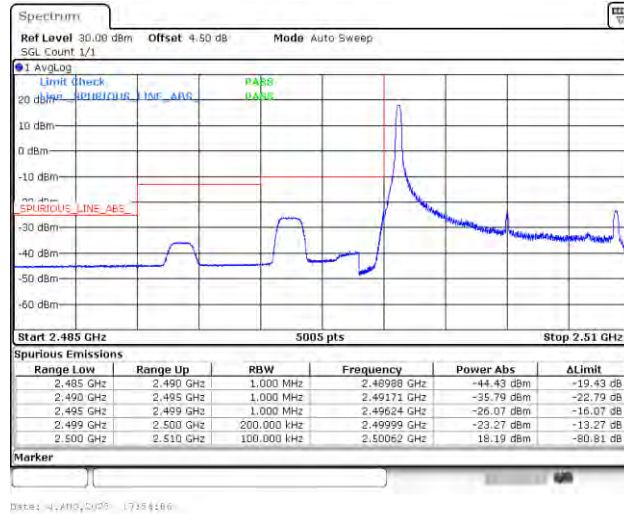
Band7_5MHz_16QAM_21425_1RB#24



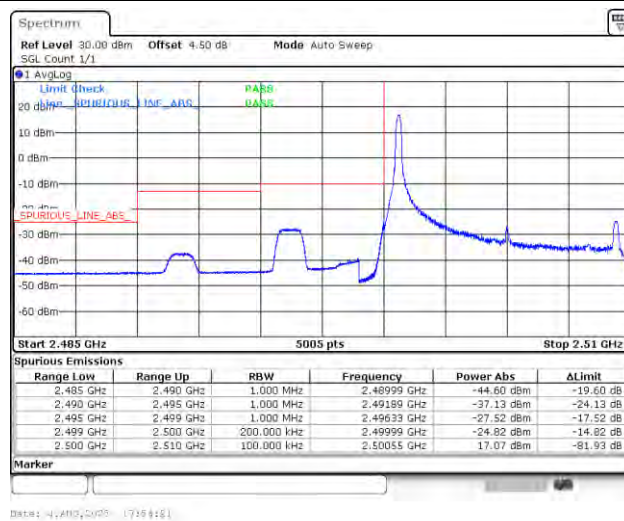
Band7_5MHz_QPSK_21425_25RB#0



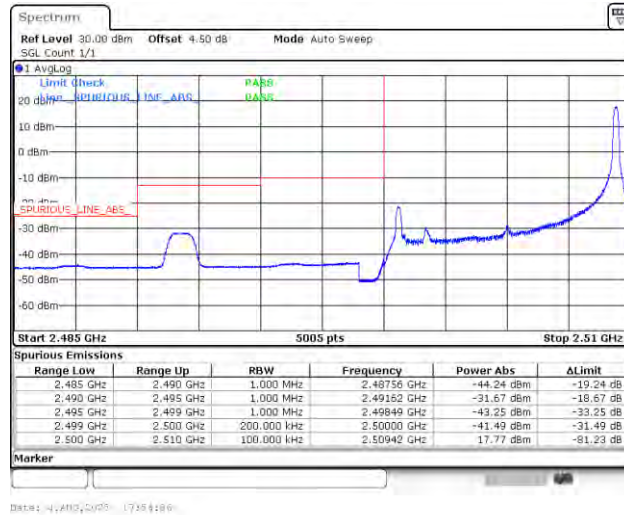
Band7_5MHz_16QAM_21425_25RB#0



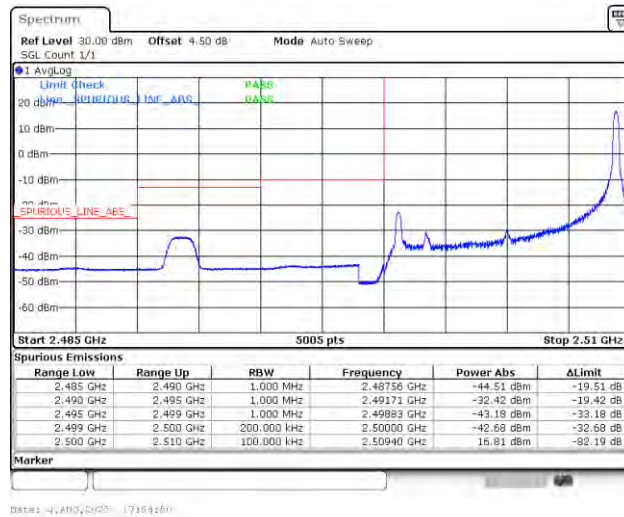
Band7_10MHz_QPSK_20800_1RB#0



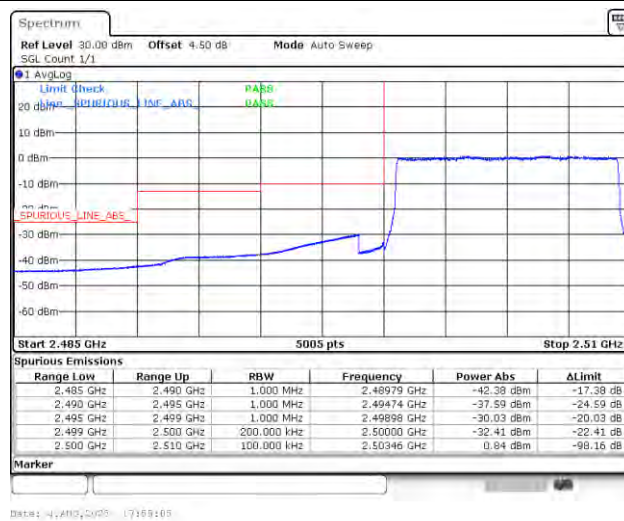
Band7_10MHz_16QAM_20800_1RB#0



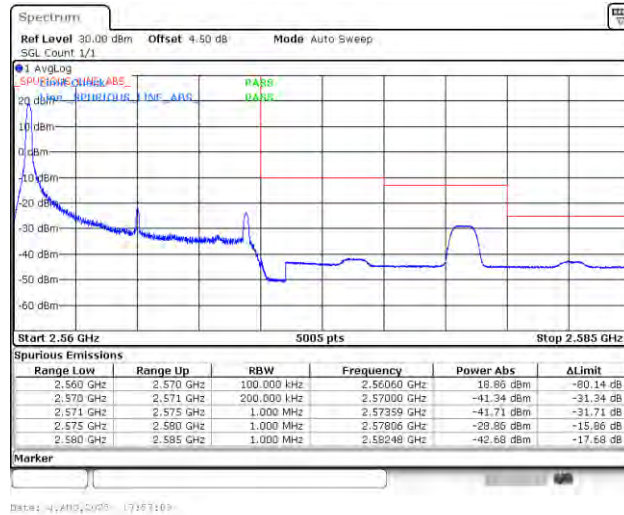
Band7_10MHz_QPSK_20800_1RB#49



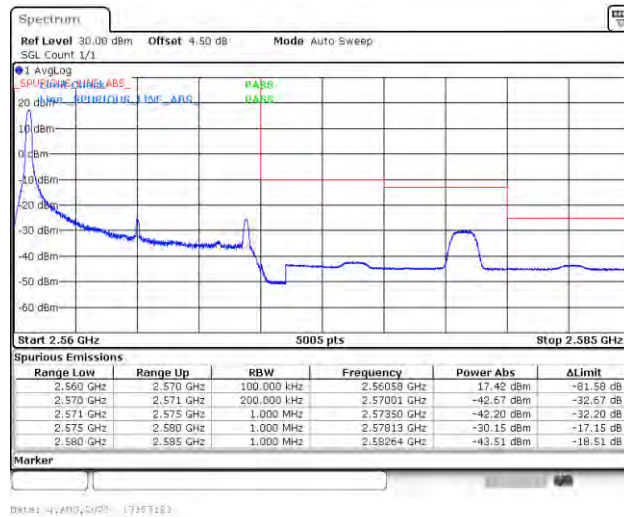
Band7_10MHz_16QAM_20800_1RB#49



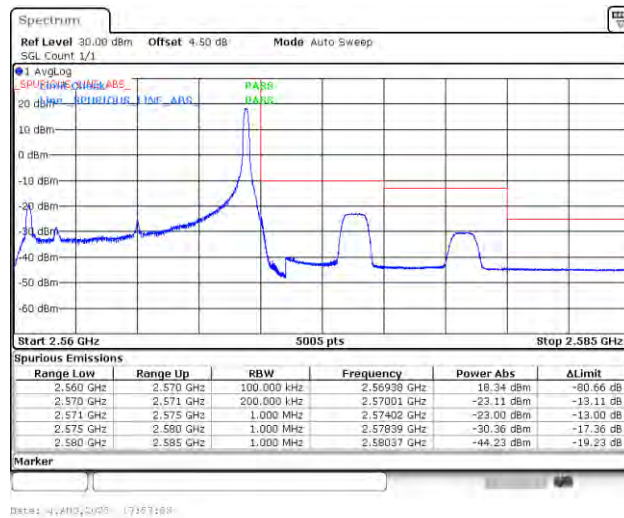
Band7_10MHz_QPSK_20800_50RB#0



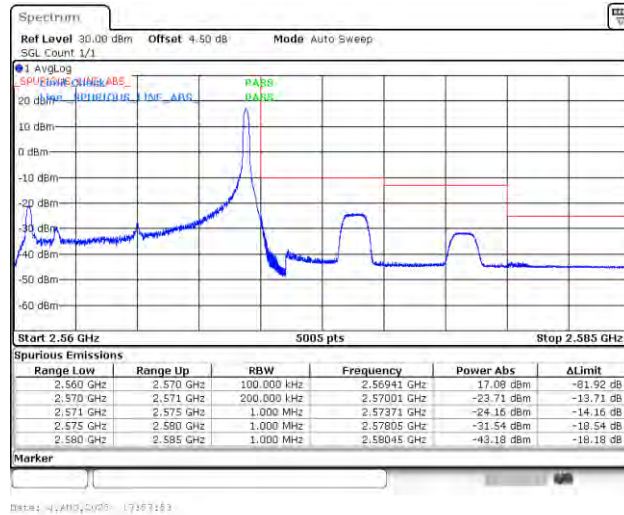
Band7_10MHz_QPSK_21400_1RB#0



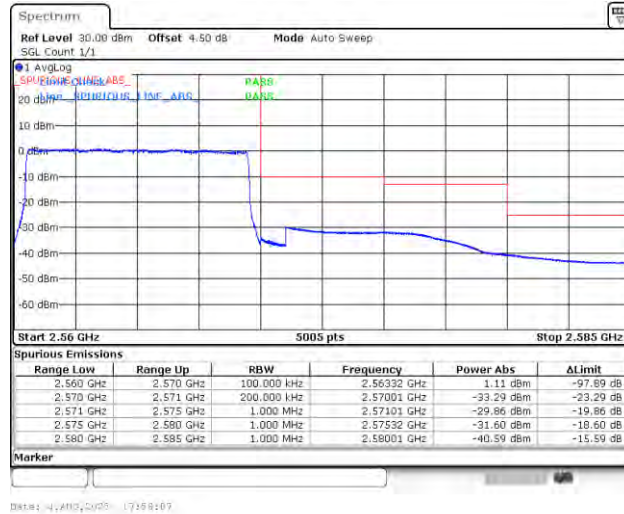
Band7_10MHz_16QAM_21400_1RB#0



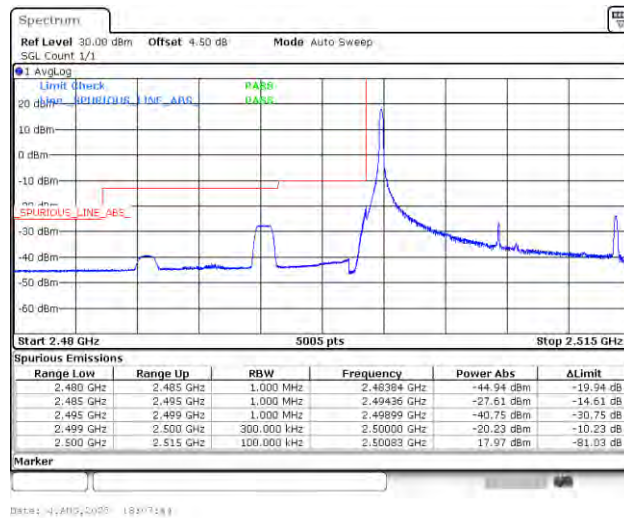
Band7_10MHz_QPSK_21400_1RB#49



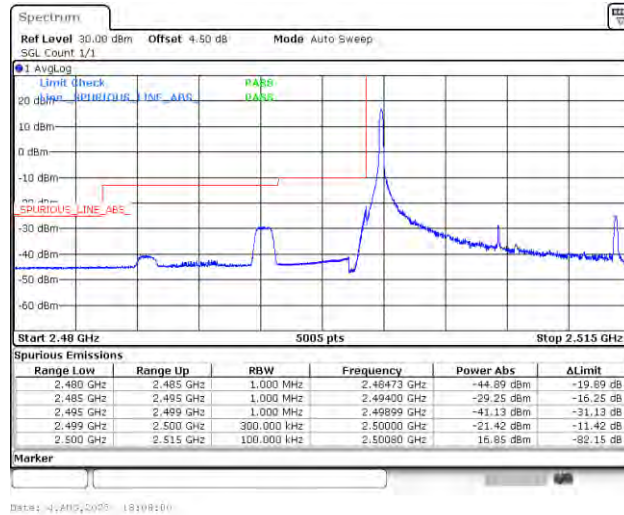
Band7_10MHz_16QAM_21400_1RB#49



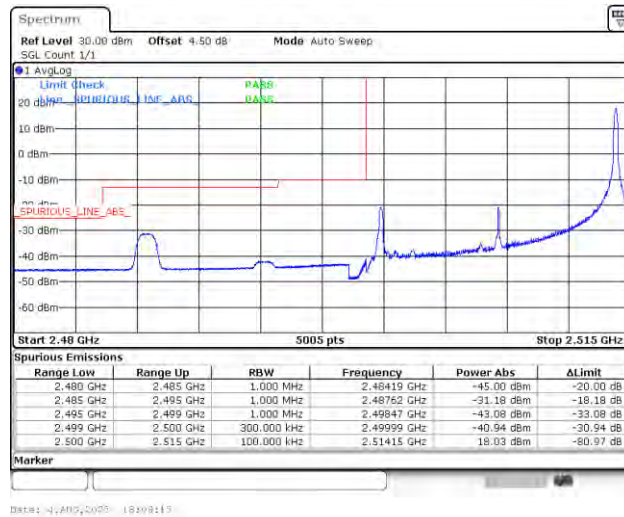
Band7_10MHz_QPSK_21400_50RB#0



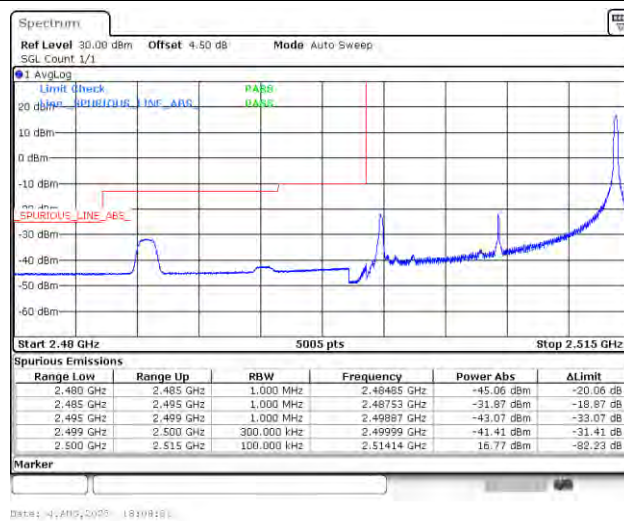
Band7_15MHz_QPSK_20825_1RB#0



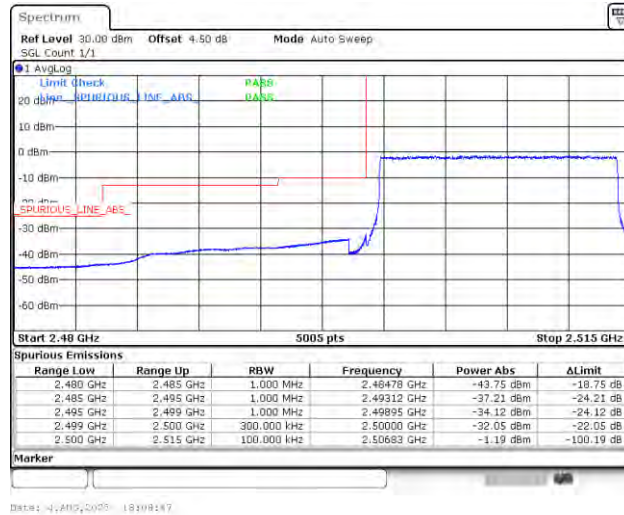
Band7_15MHz_16QAM_20825_1RB#0



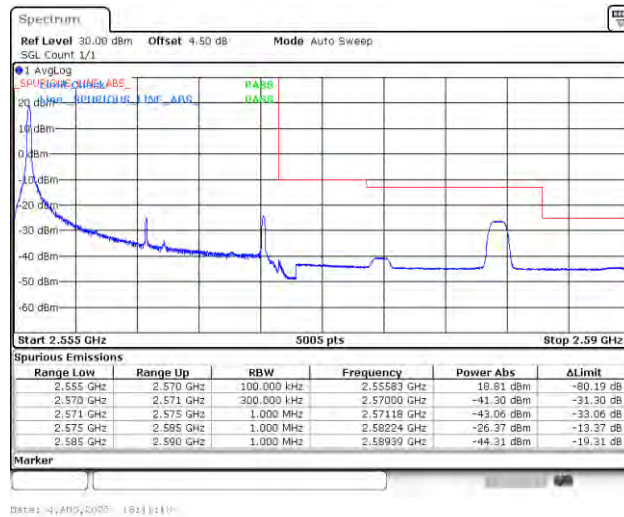
Band7_15MHz_QPSK_20825_1RB#74



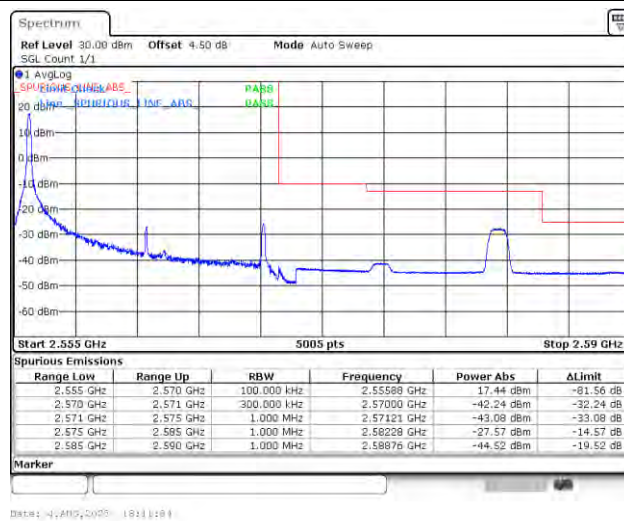
Band7_15MHz_16QAM_20825_1RB#74



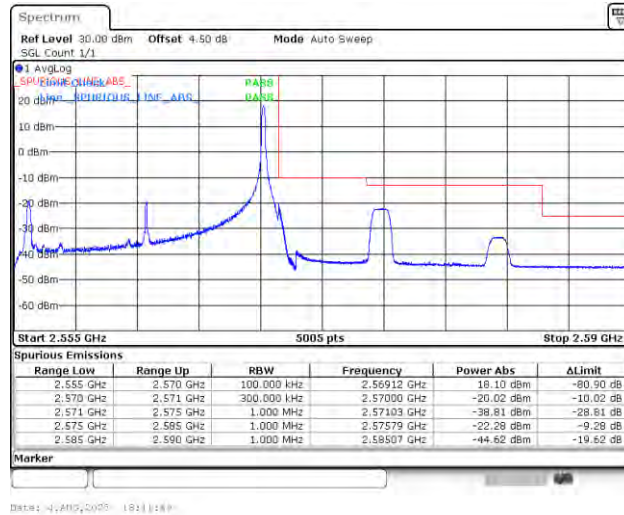
Band7_15MHz_QPSK_20825_75RB#0



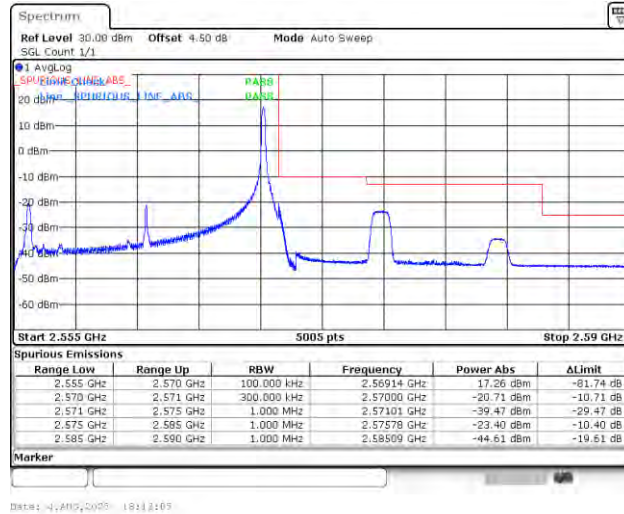
Band7_15MHz_QPSK_21375_1RB#0



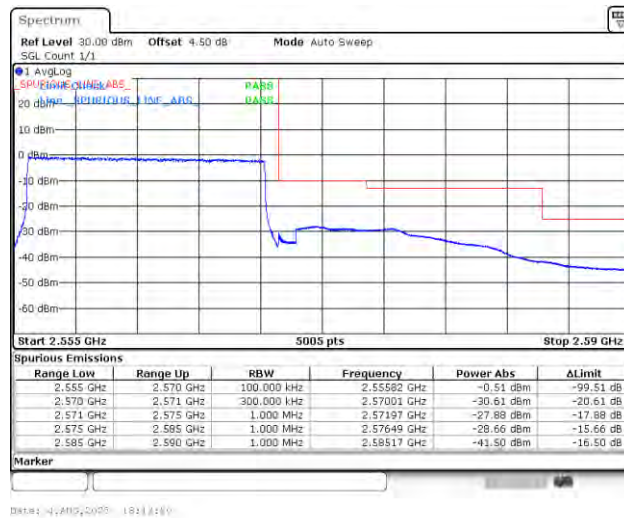
Band7_15MHz_16QAM_21375_1RB#0



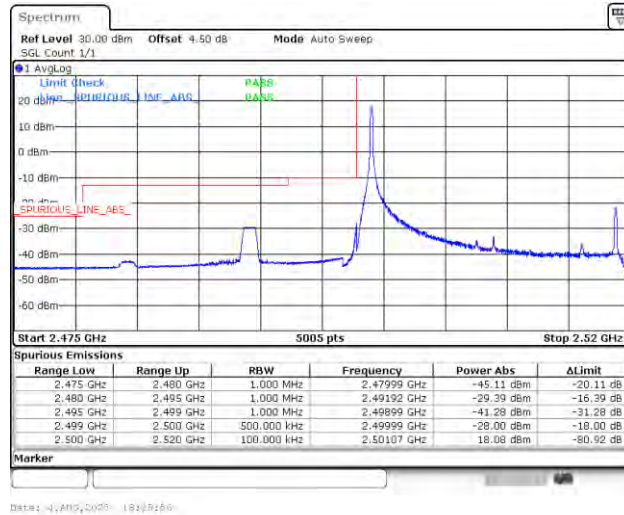
Band7_15MHz_QPSK_21375_1RB#74



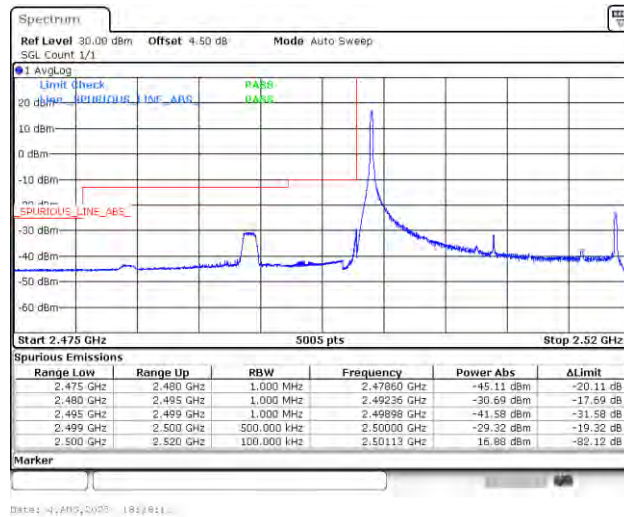
Band7_15MHz_16QAM_21375_1RB#74



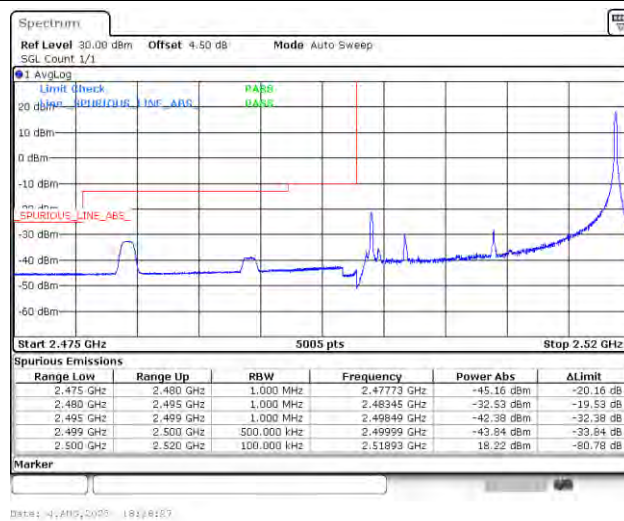
Band7_15MHz_QPSK_21375_75RB#0



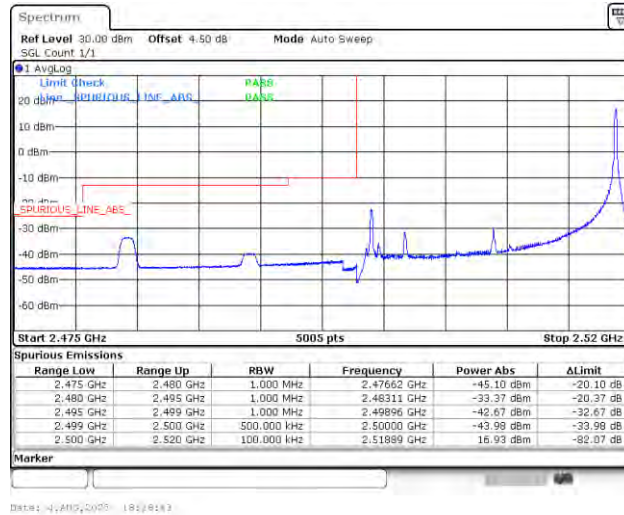
Band7_20MHz_QPSK_20850_1RB#0



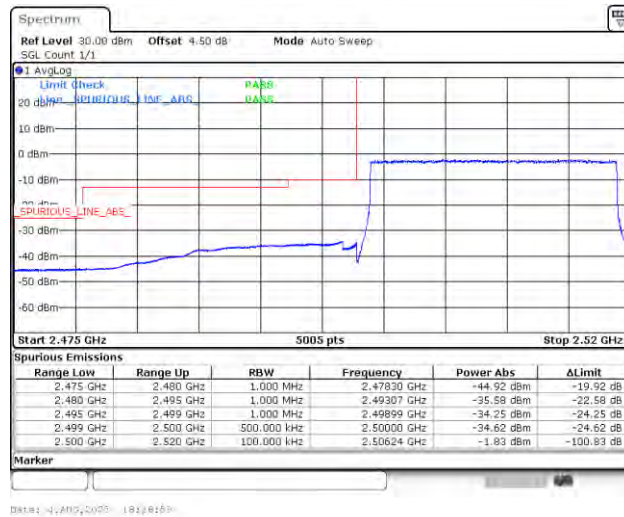
Band7_20MHz_16QAM_20850_1RB#0



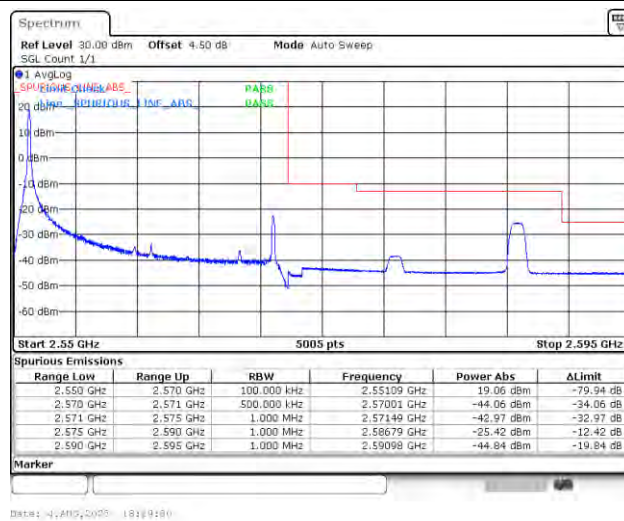
Band7_20MHz_QPSK_20850_1RB#99



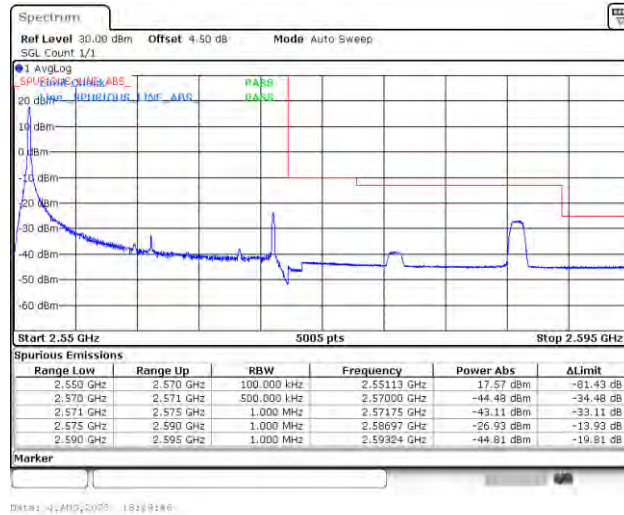
Band7_20MHz_16QAM_20850_1RB#99



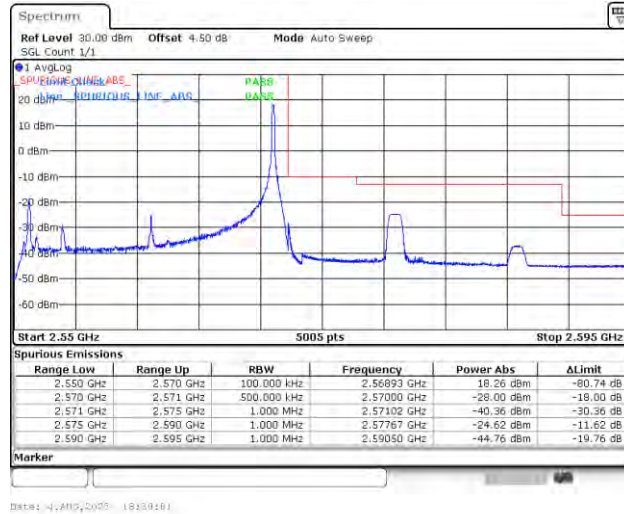
Band7_20MHz_QPSK_20850_100RB#0



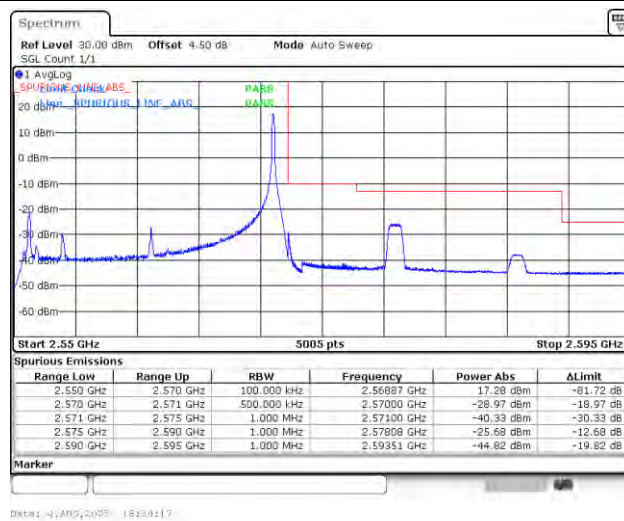
Band7_20MHz_QPSK_21350_1RB#0



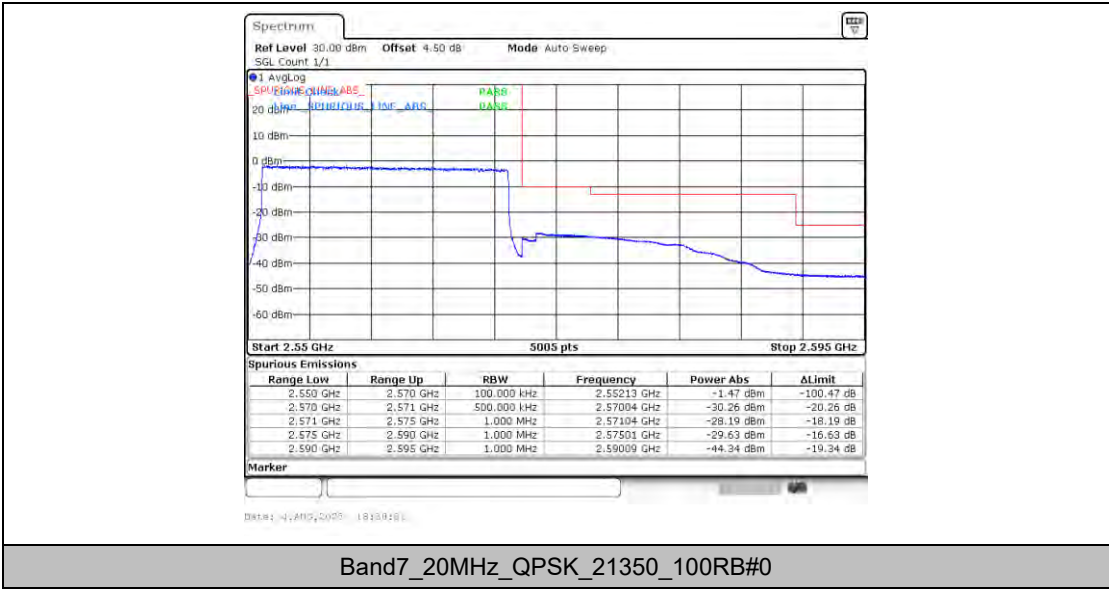
Band7_20MHz_16QAM_21350_1RB#0



Band7_20MHz_QPSK_21350_1RB#99



Band7_20MHz_16QAM_21350_1RB#99



Appendix E: Conducted Spurious Emission

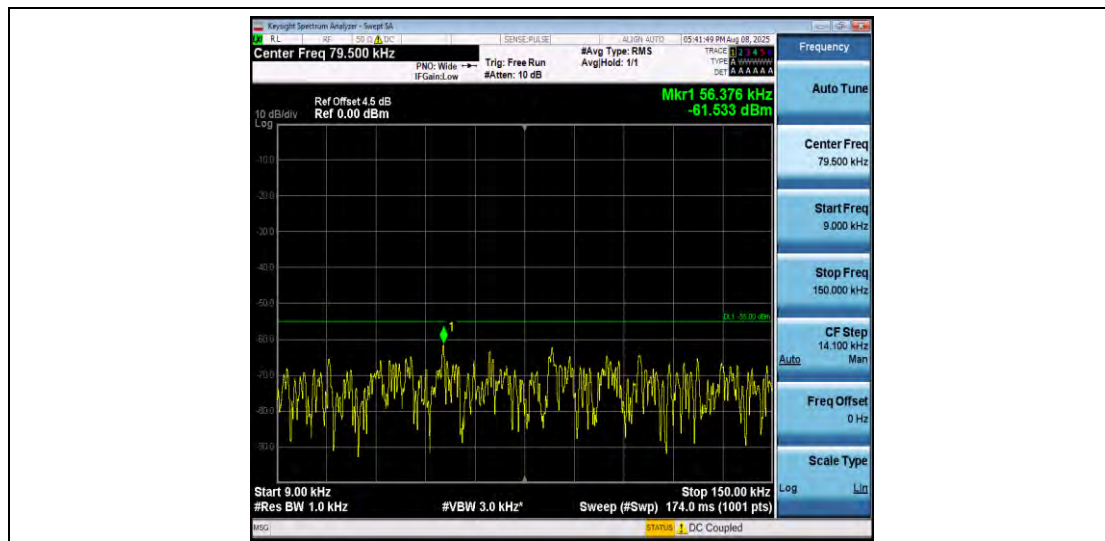
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	0.009~0.15	-61.53	PASS
Band7	5MHz	QPSK	20775	1RB#0	0.15~30	-65.02	PASS
Band7	5MHz	QPSK	20775	1RB#0	30~1000	-64.72	PASS
Band7	5MHz	QPSK	20775	1RB#0	1000~20000	-43.47	PASS
Band7	5MHz	QPSK	20775	1RB#0	20000~27000	-40.91	PASS
Band7	5MHz	16QAM	20775	1RB#0	0.009~0.15	-63.54	PASS
Band7	5MHz	16QAM	20775	1RB#0	0.15~30	-64.17	PASS
Band7	5MHz	16QAM	20775	1RB#0	30~1000	-65.07	PASS
Band7	5MHz	16QAM	20775	1RB#0	1000~20000	-43.10	PASS
Band7	5MHz	16QAM	20775	1RB#0	20000~27000	-40.88	PASS
Band7	5MHz	QPSK	21100	1RB#0	0.009~0.15	-61.94	PASS
Band7	5MHz	QPSK	21100	1RB#0	0.15~30	-65.90	PASS
Band7	5MHz	QPSK	21100	1RB#0	30~1000	-64.85	PASS
Band7	5MHz	QPSK	21100	1RB#0	1000~20000	-43.45	PASS
Band7	5MHz	QPSK	21100	1RB#0	20000~27000	-40.77	PASS
Band7	5MHz	16QAM	21100	1RB#0	0.009~0.15	-62.67	PASS
Band7	5MHz	16QAM	21100	1RB#0	0.15~30	-65.42	PASS
Band7	5MHz	16QAM	21100	1RB#0	30~1000	-64.67	PASS
Band7	5MHz	16QAM	21100	1RB#0	1000~20000	-43.46	PASS
Band7	5MHz	16QAM	21100	1RB#0	20000~27000	-40.81	PASS
Band7	5MHz	QPSK	21425	1RB#0	0.009~0.15	-61.96	PASS
Band7	5MHz	QPSK	21425	1RB#0	0.15~30	-60.20	PASS
Band7	5MHz	QPSK	21425	1RB#0	30~1000	-64.84	PASS
Band7	5MHz	QPSK	21425	1RB#0	1000~20000	-43.38	PASS
Band7	5MHz	QPSK	21425	1RB#0	20000~27000	-40.96	PASS
Band7	5MHz	16QAM	21425	1RB#0	0.009~0.15	-61.68	PASS
Band7	5MHz	16QAM	21425	1RB#0	0.15~30	-61.63	PASS
Band7	5MHz	16QAM	21425	1RB#0	30~1000	-64.90	PASS
Band7	5MHz	16QAM	21425	1RB#0	1000~20000	-43.09	PASS
Band7	5MHz	16QAM	21425	1RB#0	20000~27000	-40.96	PASS
Band7	10MHz	QPSK	20800	1RB#0	0.009~0.15	-64.80	PASS
Band7	10MHz	QPSK	20800	1RB#0	0.15~30	-64.93	PASS
Band7	10MHz	QPSK	20800	1RB#0	30~1000	-65.25	PASS
Band7	10MHz	QPSK	20800	1RB#0	1000~20000	-37.90	PASS
Band7	10MHz	QPSK	20800	1RB#0	20000~27000	-40.65	PASS
Band7	10MHz	16QAM	20800	1RB#0	0.009~0.15	-63.04	PASS
Band7	10MHz	16QAM	20800	1RB#0	0.15~30	-66.11	PASS

Band7	10MHz	16QAM	20800	1RB#0	30~1000	-64.95	PASS
Band7	10MHz	16QAM	20800	1RB#0	1000~20000	-39.31	PASS
Band7	10MHz	16QAM	20800	1RB#0	20000~27000	-41.01	PASS
Band7	10MHz	QPSK	21100	1RB#0	0.009~0.15	-61.63	PASS
Band7	10MHz	QPSK	21100	1RB#0	0.15~30	-65.54	PASS
Band7	10MHz	QPSK	21100	1RB#0	30~1000	-64.71	PASS
Band7	10MHz	QPSK	21100	1RB#0	1000~20000	-39.65	PASS
Band7	10MHz	QPSK	21100	1RB#0	20000~27000	-40.86	PASS
Band7	10MHz	16QAM	21100	1RB#0	0.009~0.15	-62.83	PASS
Band7	10MHz	16QAM	21100	1RB#0	0.15~30	-65.57	PASS
Band7	10MHz	16QAM	21100	1RB#0	30~1000	-64.68	PASS
Band7	10MHz	16QAM	21100	1RB#0	1000~20000	-41.70	PASS
Band7	10MHz	16QAM	21100	1RB#0	20000~27000	-40.94	PASS
Band7	10MHz	QPSK	21400	1RB#0	0.009~0.15	-61.53	PASS
Band7	10MHz	QPSK	21400	1RB#0	0.15~30	-65.46	PASS
Band7	10MHz	QPSK	21400	1RB#0	30~1000	-65.10	PASS
Band7	10MHz	QPSK	21400	1RB#0	1000~20000	-43.65	PASS
Band7	10MHz	QPSK	21400	1RB#0	20000~27000	-40.96	PASS
Band7	10MHz	16QAM	21400	1RB#0	0.009~0.15	-73.77	PASS
Band7	10MHz	16QAM	21400	1RB#0	0.15~30	-64.50	PASS
Band7	10MHz	16QAM	21400	1RB#0	30~1000	-64.89	PASS
Band7	10MHz	16QAM	21400	1RB#0	1000~20000	-43.05	PASS
Band7	10MHz	16QAM	21400	1RB#0	20000~27000	-40.80	PASS
Band7	15MHz	QPSK	20825	1RB#0	0.009~0.15	-64.25	PASS
Band7	15MHz	QPSK	20825	1RB#0	0.15~30	-68.12	PASS
Band7	15MHz	QPSK	20825	1RB#0	30~1000	-65.05	PASS
Band7	15MHz	QPSK	20825	1RB#0	1000~20000	-33.38	PASS
Band7	15MHz	QPSK	20825	1RB#0	20000~27000	-40.77	PASS
Band7	15MHz	16QAM	20825	1RB#0	0.009~0.15	-65.36	PASS
Band7	15MHz	16QAM	20825	1RB#0	0.15~30	-66.54	PASS
Band7	15MHz	16QAM	20825	1RB#0	30~1000	-64.88	PASS
Band7	15MHz	16QAM	20825	1RB#0	1000~20000	-39.04	PASS
Band7	15MHz	16QAM	20825	1RB#0	20000~27000	-41.06	PASS
Band7	15MHz	QPSK	21100	1RB#0	0.009~0.15	-63.92	PASS
Band7	15MHz	QPSK	21100	1RB#0	0.15~30	-68.52	PASS
Band7	15MHz	QPSK	21100	1RB#0	30~1000	-64.70	PASS
Band7	15MHz	QPSK	21100	1RB#0	1000~20000	-38.71	PASS
Band7	15MHz	QPSK	21100	1RB#0	20000~27000	-40.60	PASS
Band7	15MHz	16QAM	21100	1RB#0	0.009~0.15	-63.01	PASS
Band7	15MHz	16QAM	21100	1RB#0	0.15~30	-67.56	PASS
Band7	15MHz	16QAM	21100	1RB#0	30~1000	-65.04	PASS
Band7	15MHz	16QAM	21100	1RB#0	1000~20000	-37.52	PASS
Band7	15MHz	16QAM	21100	1RB#0	20000~27000	-40.98	PASS

Band7	15MHz	QPSK	21375	1RB#0	0.009~0.15	-62.29	PASS
Band7	15MHz	QPSK	21375	1RB#0	0.15~30	-66.18	PASS
Band7	15MHz	QPSK	21375	1RB#0	30~1000	-64.70	PASS
Band7	15MHz	QPSK	21375	1RB#0	1000~20000	-43.47	PASS
Band7	15MHz	QPSK	21375	1RB#0	20000~27000	-40.80	PASS
Band7	15MHz	16QAM	21375	1RB#0	0.009~0.15	-62.68	PASS
Band7	15MHz	16QAM	21375	1RB#0	0.15~30	-69.45	PASS
Band7	15MHz	16QAM	21375	1RB#0	30~1000	-64.98	PASS
Band7	15MHz	16QAM	21375	1RB#0	1000~20000	-43.61	PASS
Band7	15MHz	16QAM	21375	1RB#0	20000~27000	-40.46	PASS
Band7	20MHz	QPSK	20850	1RB#0	0.009~0.15	-64.01	PASS
Band7	20MHz	QPSK	20850	1RB#0	0.15~30	-68.84	PASS
Band7	20MHz	QPSK	20850	1RB#0	30~1000	-64.86	PASS
Band7	20MHz	QPSK	20850	1RB#0	1000~20000	-38.22	PASS
Band7	20MHz	QPSK	20850	1RB#0	20000~27000	-40.94	PASS
Band7	20MHz	16QAM	20850	1RB#0	0.009~0.15	-63.90	PASS
Band7	20MHz	16QAM	20850	1RB#0	0.15~30	-69.13	PASS
Band7	20MHz	16QAM	20850	1RB#0	30~1000	-64.85	PASS
Band7	20MHz	16QAM	20850	1RB#0	1000~20000	-39.39	PASS
Band7	20MHz	16QAM	20850	1RB#0	20000~27000	-41.01	PASS
Band7	20MHz	QPSK	21100	1RB#0	0.009~0.15	-62.17	PASS
Band7	20MHz	QPSK	21100	1RB#0	0.15~30	-68.52	PASS
Band7	20MHz	QPSK	21100	1RB#0	30~1000	-64.95	PASS
Band7	20MHz	QPSK	21100	1RB#0	1000~20000	-42.02	PASS
Band7	20MHz	QPSK	21100	1RB#0	20000~27000	-40.88	PASS
Band7	20MHz	16QAM	21100	1RB#0	0.009~0.15	-61.69	PASS
Band7	20MHz	16QAM	21100	1RB#0	0.15~30	-66.21	PASS
Band7	20MHz	16QAM	21100	1RB#0	30~1000	-64.95	PASS
Band7	20MHz	16QAM	21100	1RB#0	1000~20000	-42.78	PASS
Band7	20MHz	16QAM	21100	1RB#0	20000~27000	-40.90	PASS
Band7	20MHz	QPSK	21350	1RB#0	0.009~0.15	-59.86	PASS
Band7	20MHz	QPSK	21350	1RB#0	0.15~30	-64.95	PASS
Band7	20MHz	QPSK	21350	1RB#0	30~1000	-64.81	PASS
Band7	20MHz	QPSK	21350	1RB#0	1000~20000	-43.66	PASS
Band7	20MHz	QPSK	21350	1RB#0	20000~27000	-41.18	PASS
Band7	20MHz	16QAM	21350	1RB#0	0.009~0.15	-61.90	PASS
Band7	20MHz	16QAM	21350	1RB#0	0.15~30	-66.38	PASS
Band7	20MHz	16QAM	21350	1RB#0	30~1000	-64.63	PASS
Band7	20MHz	16QAM	21350	1RB#0	1000~20000	-43.86	PASS
Band7	20MHz	16QAM	21350	1RB#0	20000~27000	-40.42	PASS

Test Graphs



Band7_5MHz_QPSK_20775_1RB#0_0.009~0.15_0.009~0.15



Band7_5MHz_QPSK_20775_1RB#0_0.15~30_0.15~30



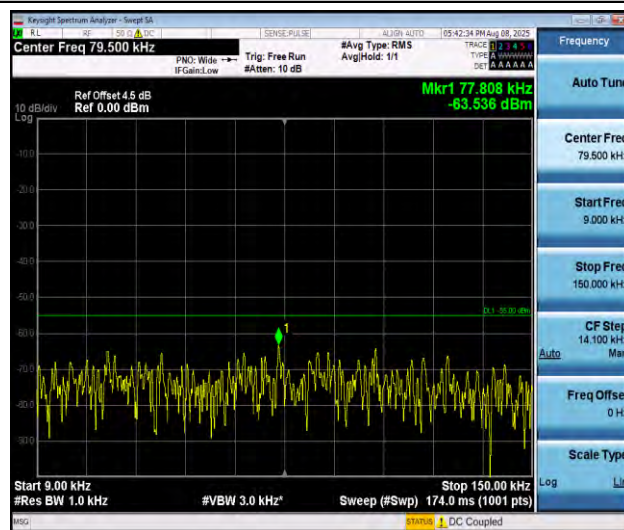
Band7_5MHz_QPSK_20775_1RB#0_30~1000_30~1000



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



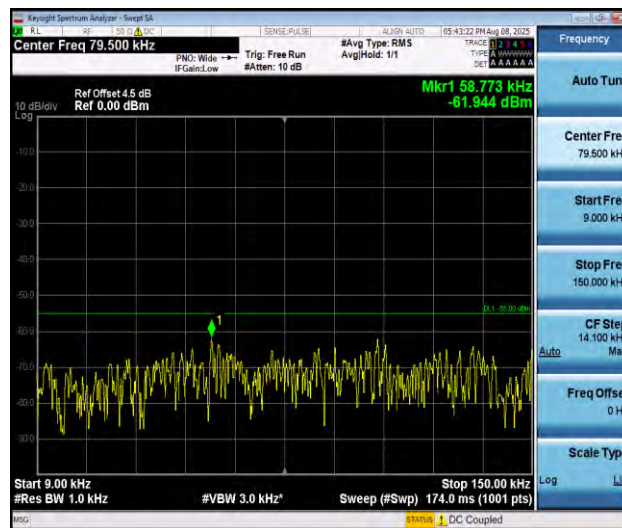
Band7_5MHz_16QAM_20775_1RB#0_30~1000_30~1000



Band7_5MHz_16QAM_20775_1RB#0_1000~20000_1000~20000



Band7_5MHz_16QAM_20775_1RB#0_20000~27000_20000~27000



Band7_5MHz_QPSK_21100_1RB#0_0.009~0.15_0.009~0.15



Band7_5MHz_QPSK_21100_1RB#0_0.15~30_0.15~30



Band7_5MHz_QPSK_21100_1RB#0_30~1000_30~1000



Band7_5MHz_QPSK_21100_1RB#0_1000~20000_1000~20000



Band7_5MHz_QPSK_21100_1RB#0_20000~27000_20000~27000



Band7_5MHz_16QAM_21100_1RB#0_0.009~0.15_0.009~0.15



Band7_5MHz_16QAM_21100_1RB#0_0.15~30_0.15~30



Band7_5MHz_16QAM_21100_1RB#0_30~1000_30~1000



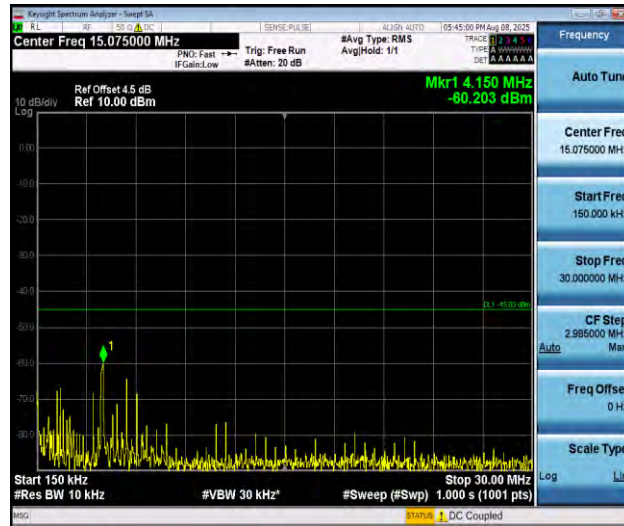
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Band7_5MHz_16QAM_21100_1RB#0_20000~27000_20000~27000



Band7_5MHz_QPSK_21425_1RB#0_0.009~0.15_0.009~0.15



Band7_5MHz_QPSK_21425_1RB#0_0.15~30_0.15~30



Band7_5MHz_QPSK_21425_1RB#0_30~1000_30~1000



Band7_5MHz_QPSK_21425_1RB#0_1000~20000_1000~20000



Band7_5MHz_QPSK_21425_1RB#0_20000~27000_20000~27000



Band7_5MHz_16QAM_21425_1RB#0_0.009~0.15_0.009~0.15



Band7_5MHz_16QAM_21425_1RB#0_0.15~30_0.15~30



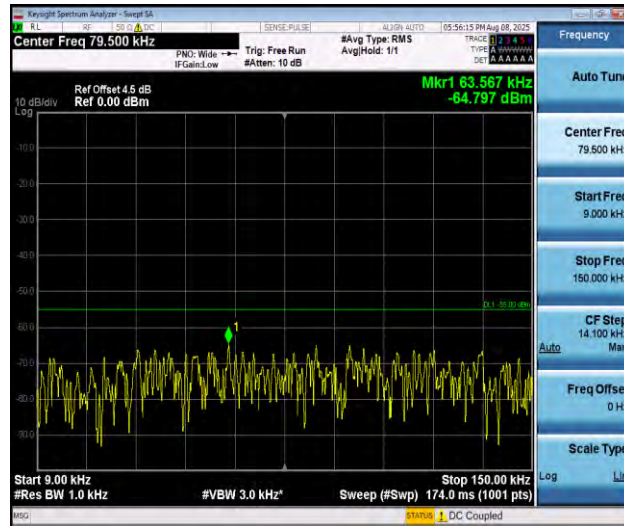
Band7_5MHz_16QAM_21425_1RB#0_30~1000_30~1000



Band7_5MHz_16QAM_21425_1RB#0_1000~20000_1000~20000



Band7_5MHz_16QAM_21425_1RB#0_20000~27000_20000~27000



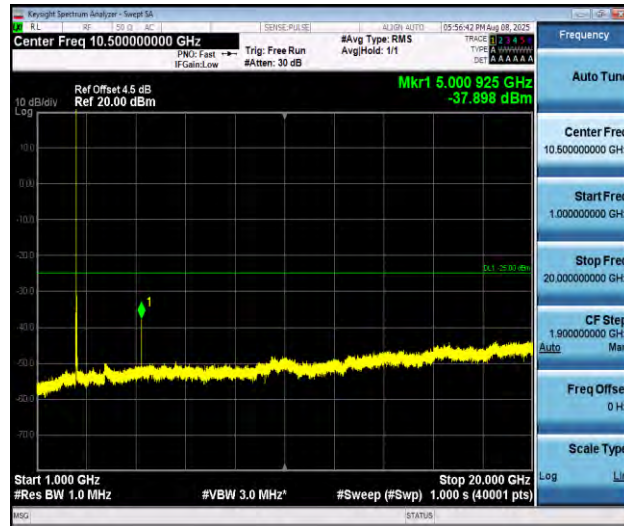
Band7_10MHz_QPSK_20800_1RB#0_0.009~0.15_0.009~0.15



Band7_10MHz_QPSK_20800_1RB#0_0.15~30_0.15~30



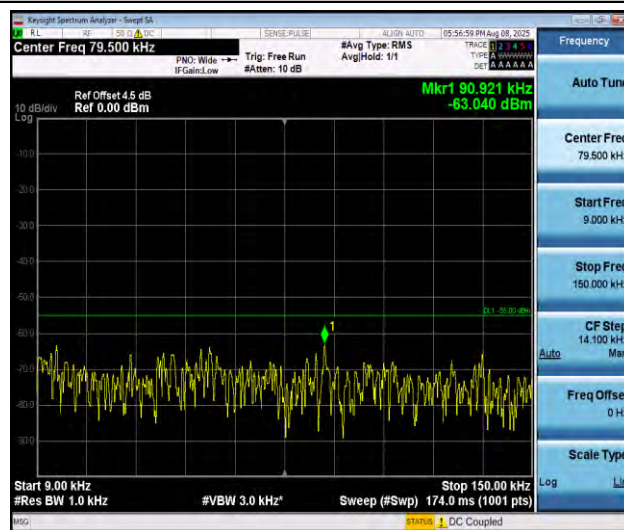
Band7_10MHz_QPSK_20800_1RB#0_30~1000_30~1000



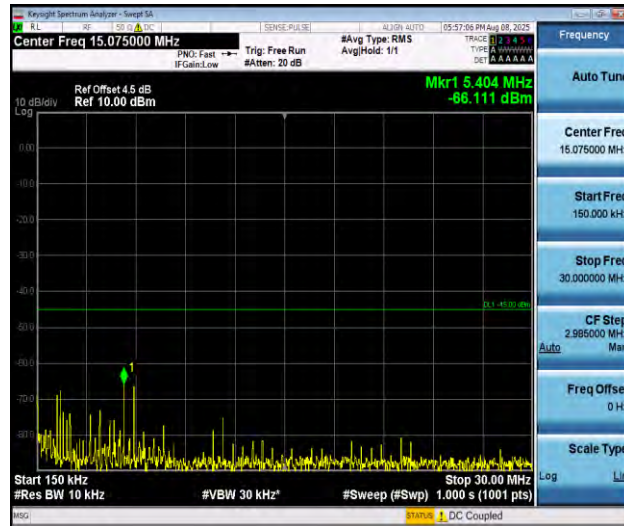
Band7_10MHz_QPSK_20800_1RB#0_1000~20000_1000~20000



Band7_10MHz_QPSK_20800_1RB#0_20000~27000_20000~27000



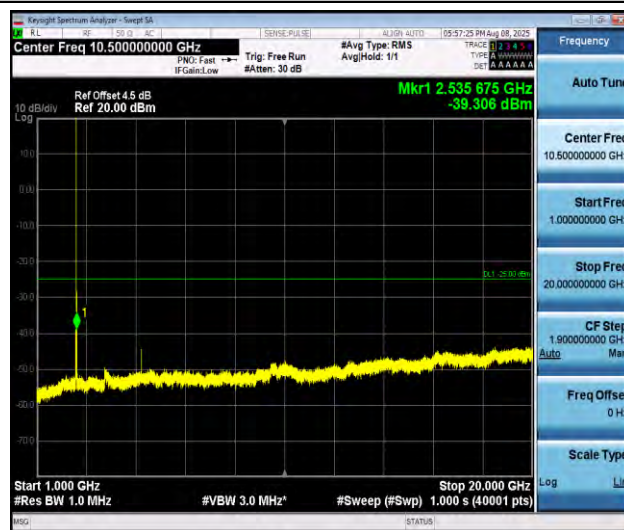
Band7_10MHz_16QAM_20800_1RB#0_0.009~0.15_0.009~0.15



Band7_10MHz_16QAM_20800_1RB#0_0.15~30_0.15~30



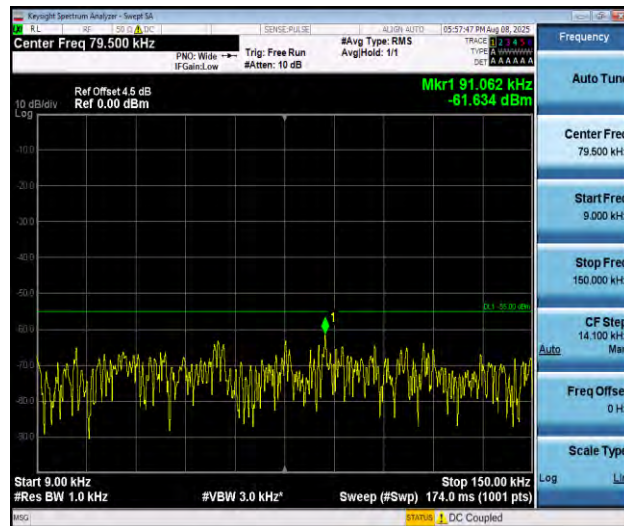
Band7_10MHz_16QAM_20800_1RB#0_30~1000_30~1000



Band7_10MHz_16QAM_20800_1RB#0_1000~20000_1000~20000



Band7_10MHz_16QAM_20800_1RB#0_20000~27000_20000~27000



Band7_10MHz_QPSK_21100_1RB#0_0.009~0.15_0.009~0.15



Band7_10MHz_QPSK_21100_1RB#0_0.15~30_0.15~30



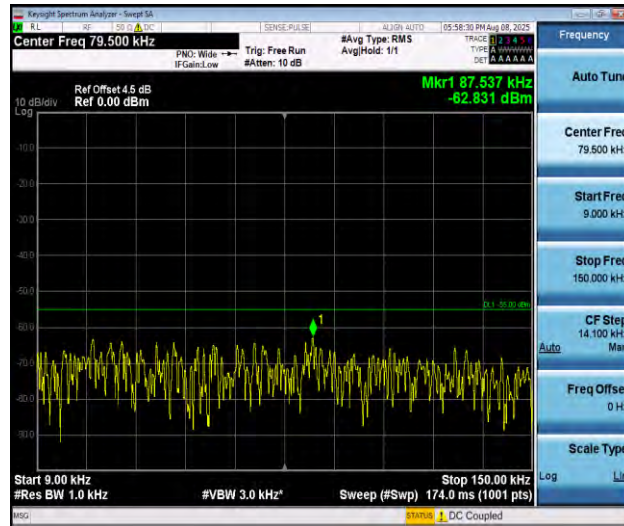
Band7_10MHz_QPSK_21100_1RB#0_30~1000_30~1000



Band7_10MHz_QPSK_21100_1RB#0_1000~20000_1000~20000



Band7_10MHz_QPSK_21100_1RB#0_20000~27000_20000~27000



Band7_10MHz_16QAM_21100_1RB#0_0.009~0.15_0.009~0.15



Band7_10MHz_16QAM_21100_1RB#0_0.15~30_0.15~30



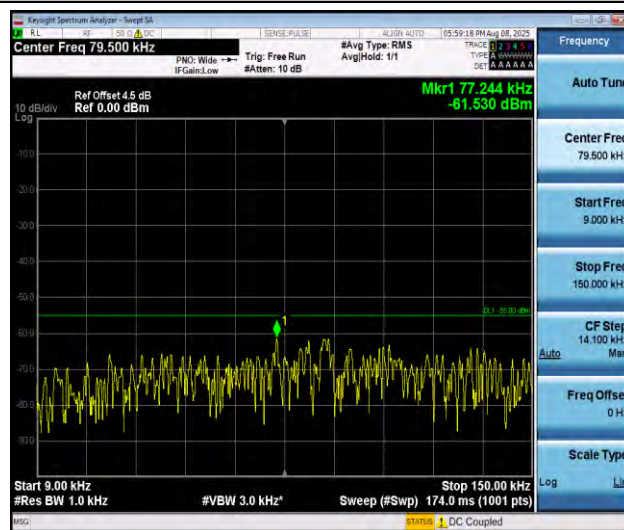
Band7_10MHz_16QAM_21100_1RB#0_30~1000_30~1000



Band7_10MHz_16QAM_21100_1RB#0_1000~20000_1000~20000



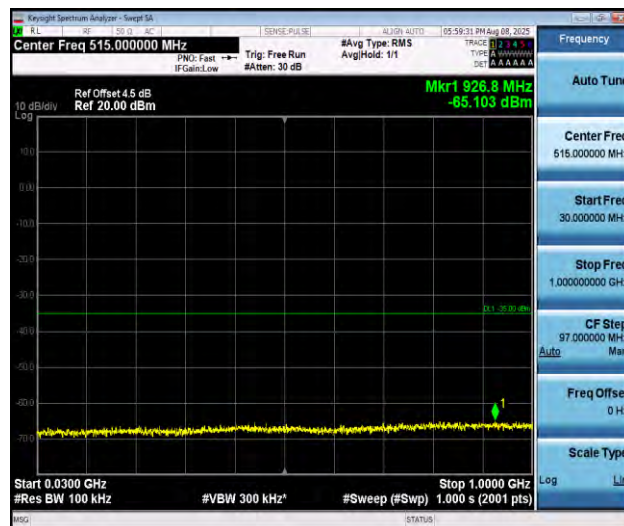
Band7_10MHz_16QAM_21100_1RB#0_20000~27000_20000~27000



Band7_10MHz_QPSK_21400_1RB#0_0.009~0.15_0.009~0.15



Band7_10MHz_QPSK_21400_1RB#0_0.15~30_0.15~30



Band7_10MHz_QPSK_21400_1RB#0_30~1000_30~1000



Band7_10MHz_QPSK_21400_1RB#0_1000~20000_1000~20000



Band7_10MHz_QPSK_21400_1RB#0_20000~27000_20000~27000



Band7_10MHz_16QAM_21400_1RB#0_0.009~0.15_0.009~0.15



Band7_10MHz_16QAM_21400_1RB#0_0.15~30_0.15~30