

Appendix for Band 26(814-824MHz)

Product Name: Smart Phone

Model No: N3

Appendix A: Average Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band26	1.4MHz	QPSK	26697	1RB#0	22.32	PASS
Band26	1.4MHz	QPSK	26697	1RB#2	22.26	PASS
Band26	1.4MHz	QPSK	26697	1RB#5	22.31	PASS
Band26	1.4MHz	QPSK	26697	3RB#0	22.37	PASS
Band26	1.4MHz	QPSK	26697	3RB#1	22.39	PASS
Band26	1.4MHz	QPSK	26697	3RB#3	22.35	PASS
Band26	1.4MHz	QPSK	26697	6RB#0	21.35	PASS
Band26	1.4MHz	QPSK	26740	1RB#0	22.30	PASS
Band26	1.4MHz	QPSK	26740	1RB#2	22.27	PASS
Band26	1.4MHz	QPSK	26740	1RB#5	22.25	PASS
Band26	1.4MHz	QPSK	26740	3RB#0	22.32	PASS
Band26	1.4MHz	QPSK	26740	3RB#1	22.31	PASS
Band26	1.4MHz	QPSK	26740	3RB#3	22.29	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	21.34	PASS
Band26	1.4MHz	QPSK	26783	1RB#0	22.17	PASS
Band26	1.4MHz	QPSK	26783	1RB#2	22.12	PASS
Band26	1.4MHz	QPSK	26783	1RB#5	22.21	PASS
Band26	1.4MHz	QPSK	26783	3RB#0	22.25	PASS
Band26	1.4MHz	QPSK	26783	3RB#1	22.24	PASS
Band26	1.4MHz	QPSK	26783	3RB#3	22.21	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	21.23	PASS
Band26	1.4MHz	16QAM	26697	1RB#0	21.45	PASS
Band26	1.4MHz	16QAM	26697	1RB#2	21.48	PASS
Band26	1.4MHz	16QAM	26697	1RB#5	21.39	PASS
Band26	1.4MHz	16QAM	26697	3RB#0	21.28	PASS
Band26	1.4MHz	16QAM	26697	3RB#1	21.31	PASS
Band26	1.4MHz	16QAM	26697	3RB#3	21.24	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	21.43	PASS
Band26	1.4MHz	16QAM	26740	1RB#0	21.22	PASS
Band26	1.4MHz	16QAM	26740	1RB#2	21.24	PASS
Band26	1.4MHz	16QAM	26740	1RB#5	21.22	PASS

Band26	1.4MHz	16QAM	26740	3RB#0	21.29	PASS
Band26	1.4MHz	16QAM	26740	3RB#1	21.31	PASS
Band26	1.4MHz	16QAM	26740	3RB#3	21.24	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	21.36	PASS
Band26	1.4MHz	16QAM	26783	1RB#0	21.32	PASS
Band26	1.4MHz	16QAM	26783	1RB#2	21.37	PASS
Band26	1.4MHz	16QAM	26783	1RB#5	21.33	PASS
Band26	1.4MHz	16QAM	26783	3RB#0	21.17	PASS
Band26	1.4MHz	16QAM	26783	3RB#1	21.15	PASS
Band26	1.4MHz	16QAM	26783	3RB#3	21.10	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	21.30	PASS
Band26	3MHz	QPSK	26705	1RB#0	22.43	PASS
Band26	3MHz	QPSK	26705	1RB#8	22.39	PASS
Band26	3MHz	QPSK	26705	1RB#14	22.34	PASS
Band26	3MHz	QPSK	26705	8RB#0	21.34	PASS
Band26	3MHz	QPSK	26705	8RB#4	21.34	PASS
Band26	3MHz	QPSK	26705	8RB#7	21.36	PASS
Band26	3MHz	QPSK	26705	15RB#0	21.32	PASS
Band26	3MHz	QPSK	26740	1RB#0	22.30	PASS
Band26	3MHz	QPSK	26740	1RB#8	22.26	PASS
Band26	3MHz	QPSK	26740	1RB#14	22.25	PASS
Band26	3MHz	QPSK	26740	8RB#0	21.32	PASS
Band26	3MHz	QPSK	26740	8RB#4	21.31	PASS
Band26	3MHz	QPSK	26740	8RB#7	21.31	PASS
Band26	3MHz	QPSK	26740	15RB#0	21.33	PASS
Band26	3MHz	QPSK	26775	1RB#0	22.28	PASS
Band26	3MHz	QPSK	26775	1RB#8	22.29	PASS
Band26	3MHz	QPSK	26775	1RB#14	22.31	PASS
Band26	3MHz	QPSK	26775	8RB#0	21.22	PASS
Band26	3MHz	QPSK	26775	8RB#4	21.20	PASS
Band26	3MHz	QPSK	26775	8RB#7	21.19	PASS
Band26	3MHz	QPSK	26775	15RB#0	21.23	PASS
Band26	3MHz	16QAM	26705	1RB#0	21.60	PASS
Band26	3MHz	16QAM	26705	1RB#8	21.55	PASS
Band26	3MHz	16QAM	26705	1RB#14	21.50	PASS
Band26	3MHz	16QAM	26705	8RB#0	21.39	PASS
Band26	3MHz	16QAM	26705	8RB#4	21.40	PASS

Band26	3MHz	16QAM	26705	8RB#7	21.39	PASS
Band26	3MHz	16QAM	26705	15RB#0	21.36	PASS
Band26	3MHz	16QAM	26740	1RB#0	21.54	PASS
Band26	3MHz	16QAM	26740	1RB#8	21.47	PASS
Band26	3MHz	16QAM	26740	1RB#14	21.44	PASS
Band26	3MHz	16QAM	26740	8RB#0	21.32	PASS
Band26	3MHz	16QAM	26740	8RB#4	21.29	PASS
Band26	3MHz	16QAM	26740	8RB#7	21.31	PASS
Band26	3MHz	16QAM	26740	15RB#0	21.27	PASS
Band26	3MHz	16QAM	26775	1RB#0	21.46	PASS
Band26	3MHz	16QAM	26775	1RB#8	21.45	PASS
Band26	3MHz	16QAM	26775	1RB#14	21.44	PASS
Band26	3MHz	16QAM	26775	8RB#0	21.29	PASS
Band26	3MHz	16QAM	26775	8RB#4	21.29	PASS
Band26	3MHz	16QAM	26775	8RB#7	21.29	PASS
Band26	3MHz	16QAM	26775	15RB#0	21.26	PASS
Band26	5MHz	QPSK	26715	1RB#0	22.56	PASS
Band26	5MHz	QPSK	26715	1RB#12	22.52	PASS
Band26	5MHz	QPSK	26715	1RB#24	22.52	PASS
Band26	5MHz	QPSK	26715	12RB#0	21.38	PASS
Band26	5MHz	QPSK	26715	12RB#6	21.34	PASS
Band26	5MHz	QPSK	26715	12RB#13	21.37	PASS
Band26	5MHz	QPSK	26715	25RB#0	21.37	PASS
Band26	5MHz	QPSK	26740	1RB#0	22.48	PASS
Band26	5MHz	QPSK	26740	1RB#12	22.47	PASS
Band26	5MHz	QPSK	26740	1RB#24	22.46	PASS
Band26	5MHz	QPSK	26740	12RB#0	21.38	PASS
Band26	5MHz	QPSK	26740	12RB#6	21.39	PASS
Band26	5MHz	QPSK	26740	12RB#13	21.30	PASS
Band26	5MHz	QPSK	26740	25RB#0	21.39	PASS
Band26	5MHz	QPSK	26765	1RB#0	22.43	PASS
Band26	5MHz	QPSK	26765	1RB#12	22.41	PASS
Band26	5MHz	QPSK	26765	1RB#24	22.46	PASS
Band26	5MHz	QPSK	26765	12RB#0	21.27	PASS
Band26	5MHz	QPSK	26765	12RB#6	21.29	PASS
Band26	5MHz	QPSK	26765	12RB#13	21.25	PASS
Band26	5MHz	QPSK	26765	25RB#0	21.28	PASS

Band26	5MHz	16QAM	26715	1RB#0	21.44	PASS
Band26	5MHz	16QAM	26715	1RB#12	21.38	PASS
Band26	5MHz	16QAM	26715	1RB#24	21.38	PASS
Band26	5MHz	16QAM	26715	12RB#0	20.36	PASS
Band26	5MHz	16QAM	26715	12RB#6	20.35	PASS
Band26	5MHz	16QAM	26715	12RB#13	20.34	PASS
Band26	5MHz	16QAM	26715	25RB#0	20.40	PASS
Band26	5MHz	16QAM	26740	1RB#0	21.60	PASS
Band26	5MHz	16QAM	26740	1RB#12	21.60	PASS
Band26	5MHz	16QAM	26740	1RB#24	21.61	PASS
Band26	5MHz	16QAM	26740	12RB#0	21.40	PASS
Band26	5MHz	16QAM	26740	12RB#6	21.39	PASS
Band26	5MHz	16QAM	26740	12RB#13	21.39	PASS
Band26	5MHz	16QAM	26740	25RB#0	21.37	PASS
Band26	5MHz	16QAM	26765	1RB#0	21.32	PASS
Band26	5MHz	16QAM	26765	1RB#12	21.28	PASS
Band26	5MHz	16QAM	26765	1RB#24	21.33	PASS
Band26	5MHz	16QAM	26765	12RB#0	21.24	PASS
Band26	5MHz	16QAM	26765	12RB#6	21.29	PASS
Band26	5MHz	16QAM	26765	12RB#13	21.23	PASS
Band26	5MHz	16QAM	26765	25RB#0	21.28	PASS
Band26	10MHz	QPSK	26740	1RB#0	22.31	PASS
Band26	10MHz	QPSK	26740	1RB#24	22.37	PASS
Band26	10MHz	QPSK	26740	1RB#49	22.59	PASS
Band26	10MHz	QPSK	26740	25RB#0	21.34	PASS
Band26	10MHz	QPSK	26740	25RB#12	21.33	PASS
Band26	10MHz	QPSK	26740	25RB#25	21.38	PASS
Band26	10MHz	QPSK	26740	50RB#0	21.40	PASS
Band26	10MHz	16QAM	26740	1RB#0	21.57	PASS
Band26	10MHz	16QAM	26740	1RB#24	21.56	PASS
Band26	10MHz	16QAM	26740	1RB#49	21.55	PASS
Band26	10MHz	16QAM	26740	25RB#0	21.35	PASS
Band26	10MHz	16QAM	26740	25RB#12	21.34	PASS
Band26	10MHz	16QAM	26740	25RB#25	21.38	PASS
Band26	10MHz	16QAM	26740	50RB#0	21.37	PASS

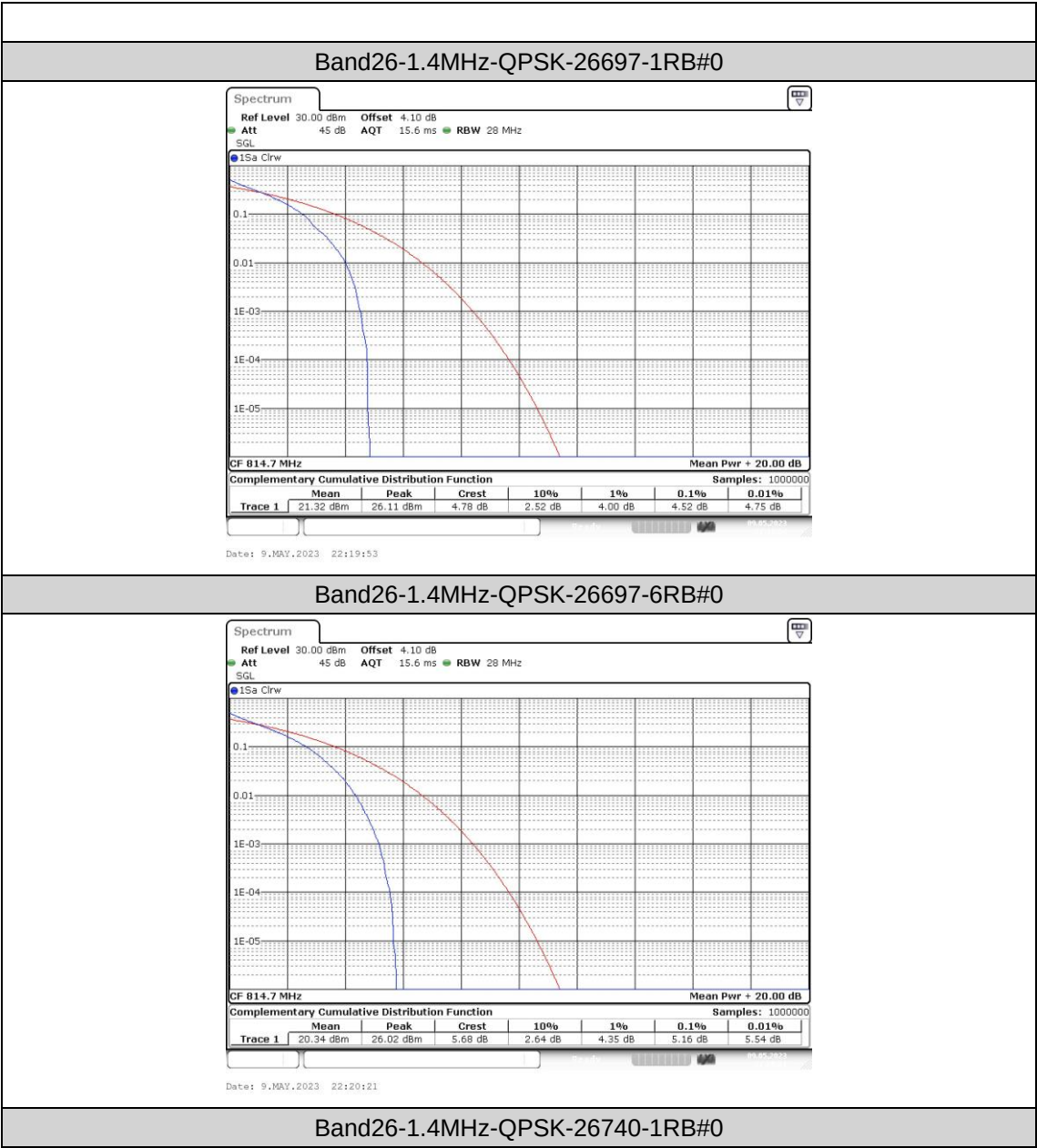
Appendix B: Peak-to-Average Ratio(CCDF)

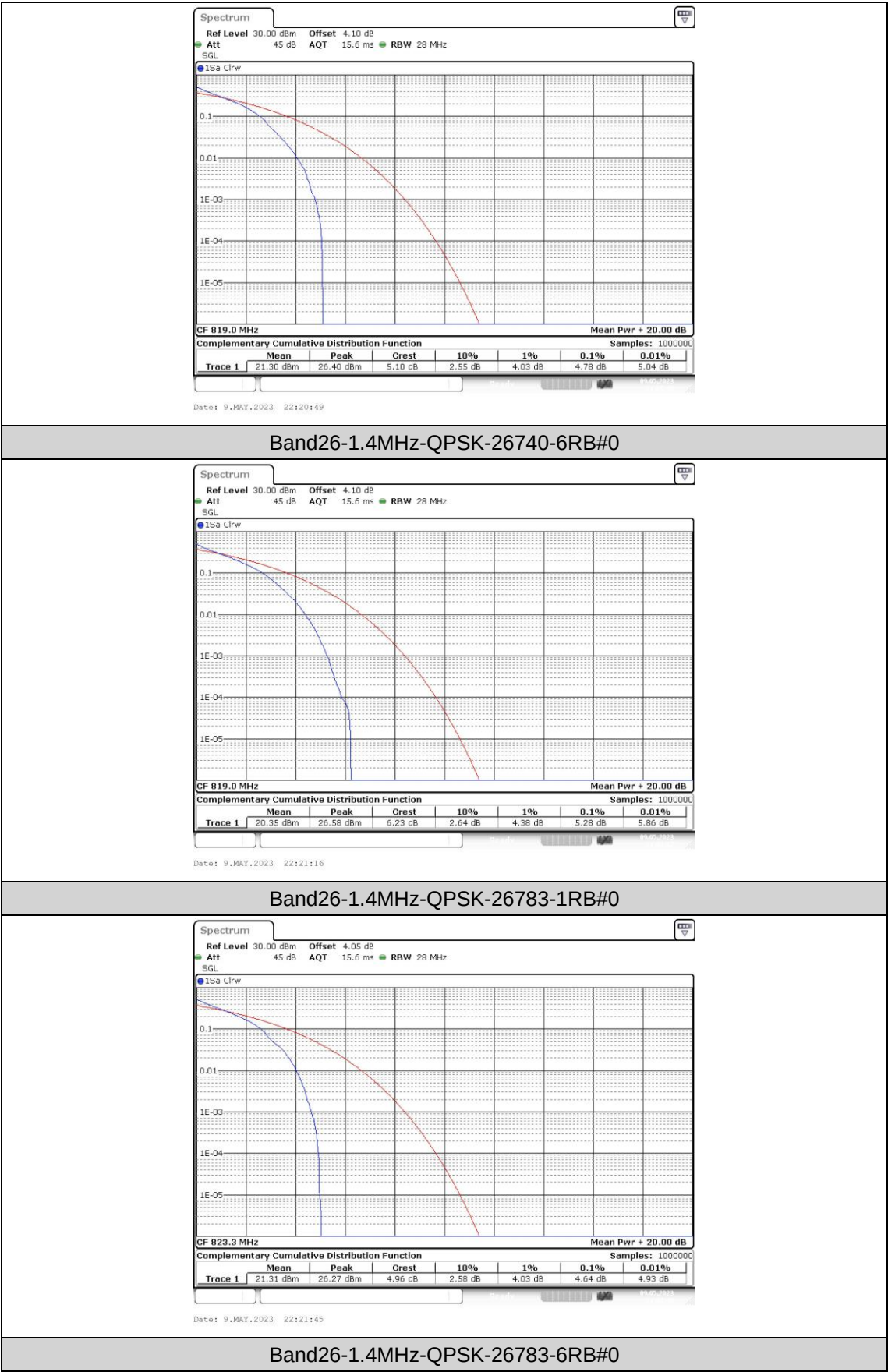
Test Result

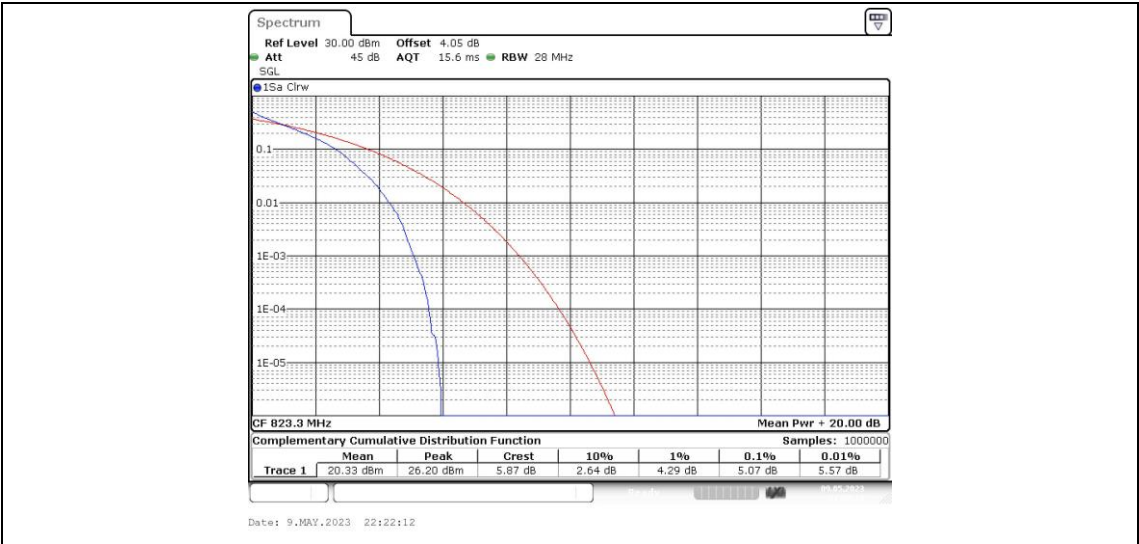
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band26	1.4MHz	QPSK	26697	1RB#0	4.52	13	PASS
Band26	1.4MHz	QPSK	26697	6RB#0	5.16	13	PASS
Band26	1.4MHz	QPSK	26740	1RB#0	4.78	13	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	5.28	13	PASS
Band26	1.4MHz	QPSK	26783	1RB#0	4.64	13	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	5.07	13	PASS
Band26	1.4MHz	16QAM	26697	1RB#0	5.19	13	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	6.00	13	PASS
Band26	1.4MHz	16QAM	26740	1RB#0	5.59	13	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	6.00	13	PASS
Band26	1.4MHz	16QAM	26783	1RB#0	5.62	13	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	5.97	13	PASS
Band26	3MHz	QPSK	26705	1RB#0	4.58	13	PASS
Band26	3MHz	QPSK	26705	15RB#0	5.25	13	PASS
Band26	3MHz	QPSK	26740	1RB#0	4.58	13	PASS
Band26	3MHz	QPSK	26740	15RB#0	5.25	13	PASS
Band26	3MHz	QPSK	26775	1RB#0	4.70	13	PASS
Band26	3MHz	QPSK	26775	15RB#0	5.16	13	PASS
Band26	3MHz	16QAM	26705	1RB#0	5.48	13	PASS
Band26	3MHz	16QAM	26705	15RB#0	6.09	13	PASS
Band26	3MHz	16QAM	26740	1RB#0	5.22	13	PASS
Band26	3MHz	16QAM	26740	15RB#0	6.09	13	PASS
Band26	3MHz	16QAM	26775	1RB#0	5.65	13	PASS
Band26	3MHz	16QAM	26775	15RB#0	6.06	13	PASS
Band26	5MHz	QPSK	26715	1RB#0	4.72	13	PASS
Band26	5MHz	QPSK	26715	25RB#0	5.28	13	PASS
Band26	5MHz	QPSK	26740	1RB#0	4.58	13	PASS
Band26	5MHz	QPSK	26740	25RB#0	5.28	13	PASS
Band26	5MHz	QPSK	26765	1RB#0	4.61	13	PASS
Band26	5MHz	QPSK	26765	25RB#0	5.25	13	PASS
Band26	5MHz	16QAM	26715	1RB#0	5.36	13	PASS
Band26	5MHz	16QAM	26715	25RB#0	6.03	13	PASS
Band26	5MHz	16QAM	26740	1RB#0	5.30	13	PASS
Band26	5MHz	16QAM	26740	25RB#0	6.09	13	PASS
Band26	5MHz	16QAM	26765	1RB#0	5.28	13	PASS
Band26	5MHz	16QAM	26765	25RB#0	6.03	13	PASS

Band26	10MHz	QPSK	26740	1RB#0	4.58	13	PASS
Band26	10MHz	QPSK	26740	50RB#0	5.28	13	PASS
Band26	10MHz	16QAM	26740	1RB#0	5.48	13	PASS
Band26	10MHz	16QAM	26740	50RB#0	6.06	13	PASS

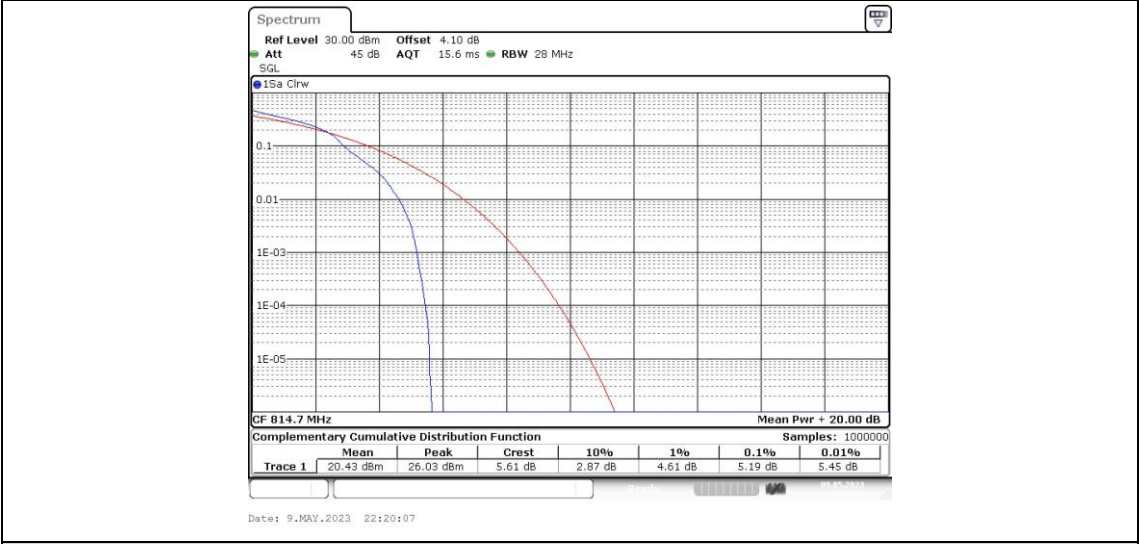
Test Graphs



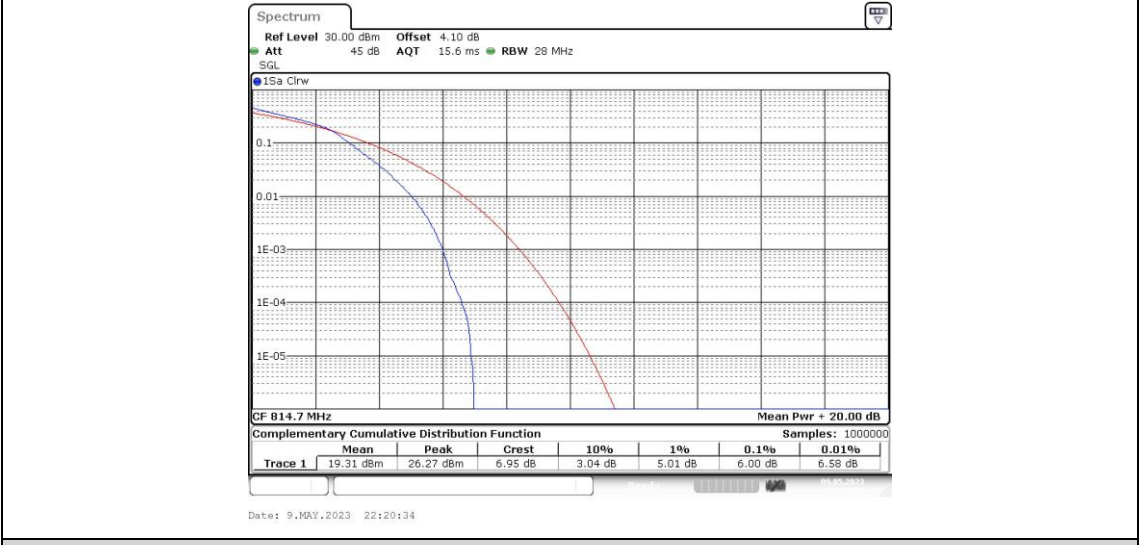




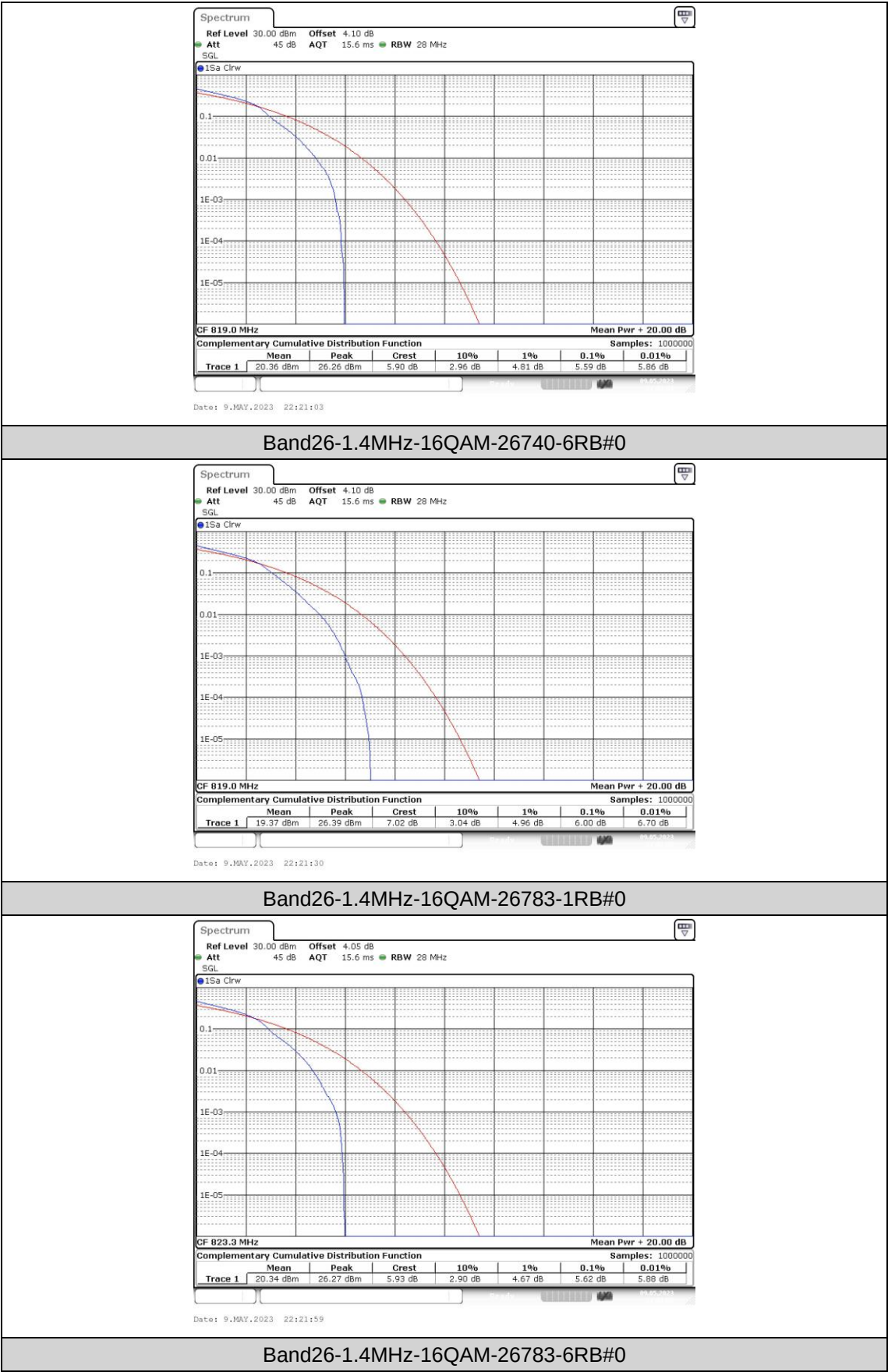
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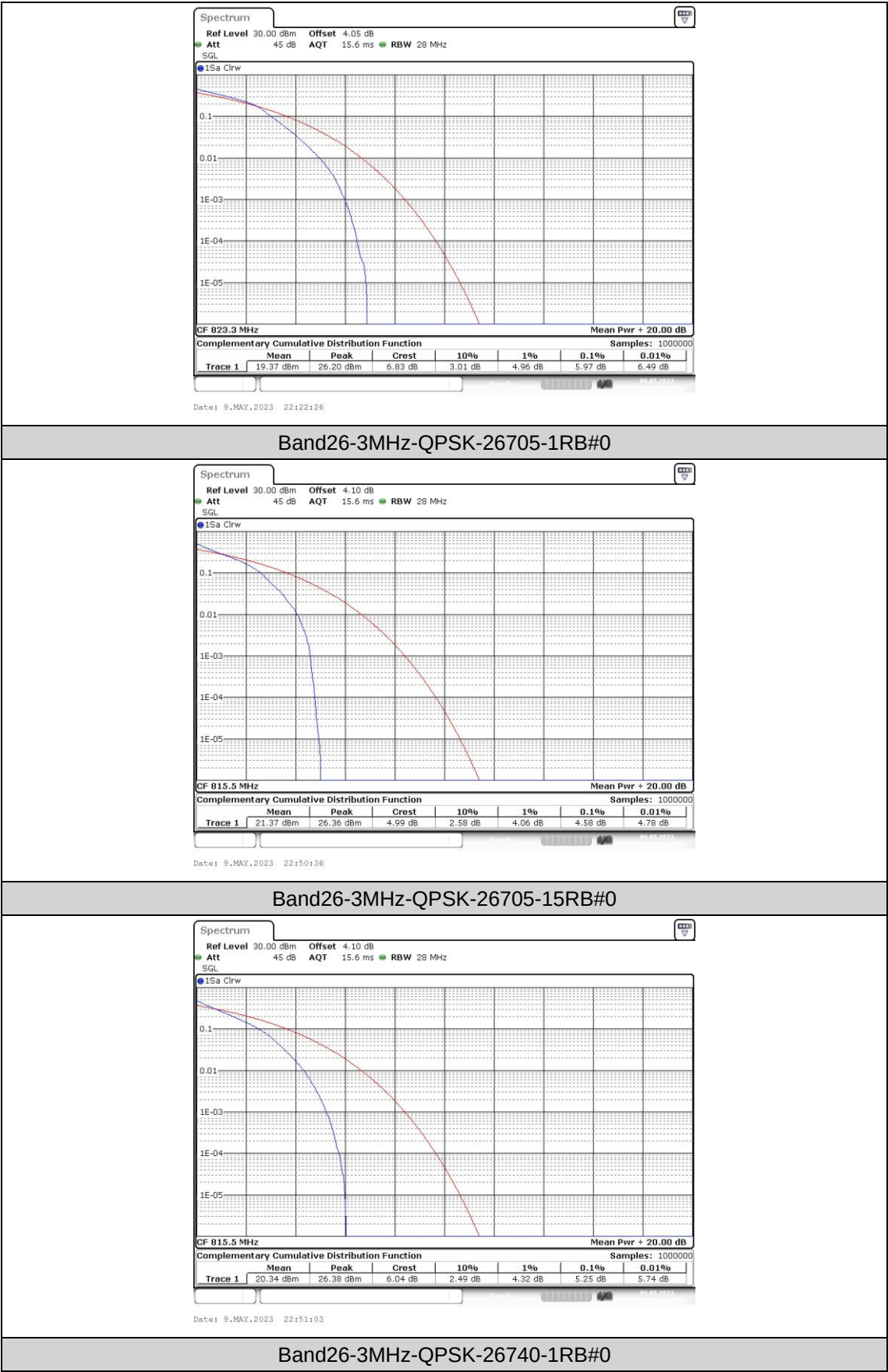


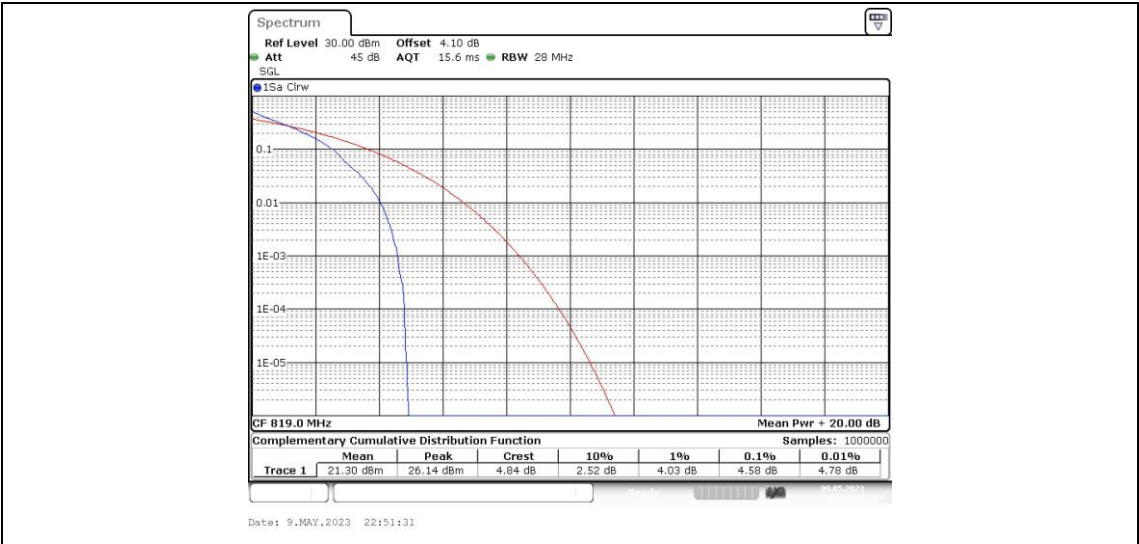
Band26-1.4MHz-16QAM-26697-6RB#0



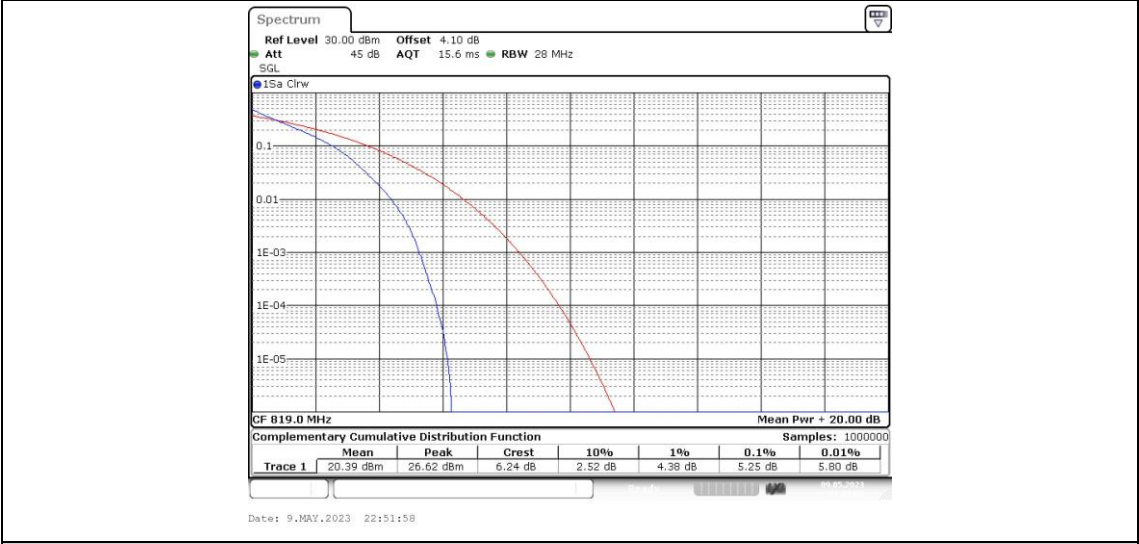
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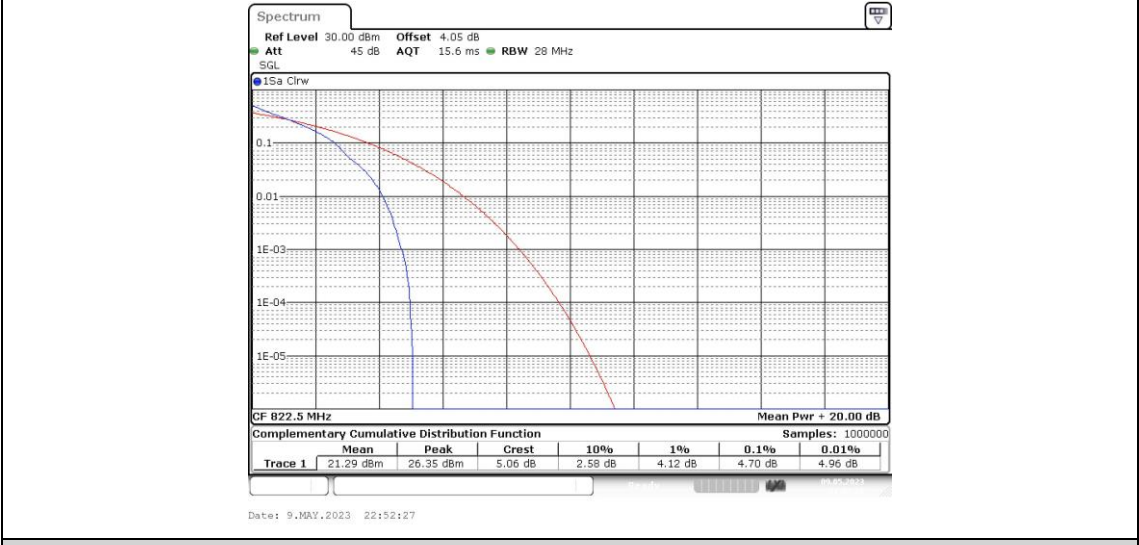




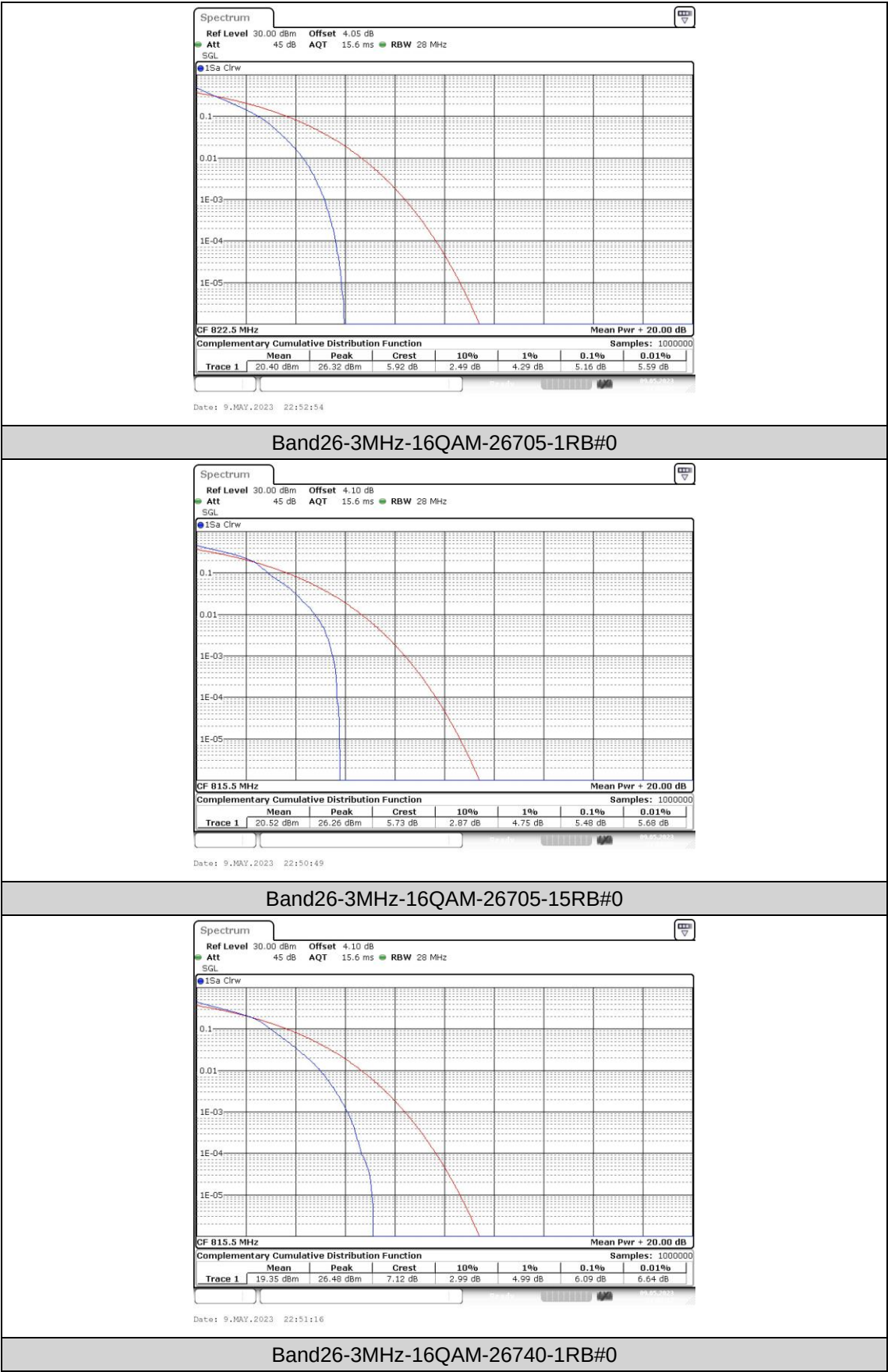
Band26-3MHz-QPSK-26740-15RB#0

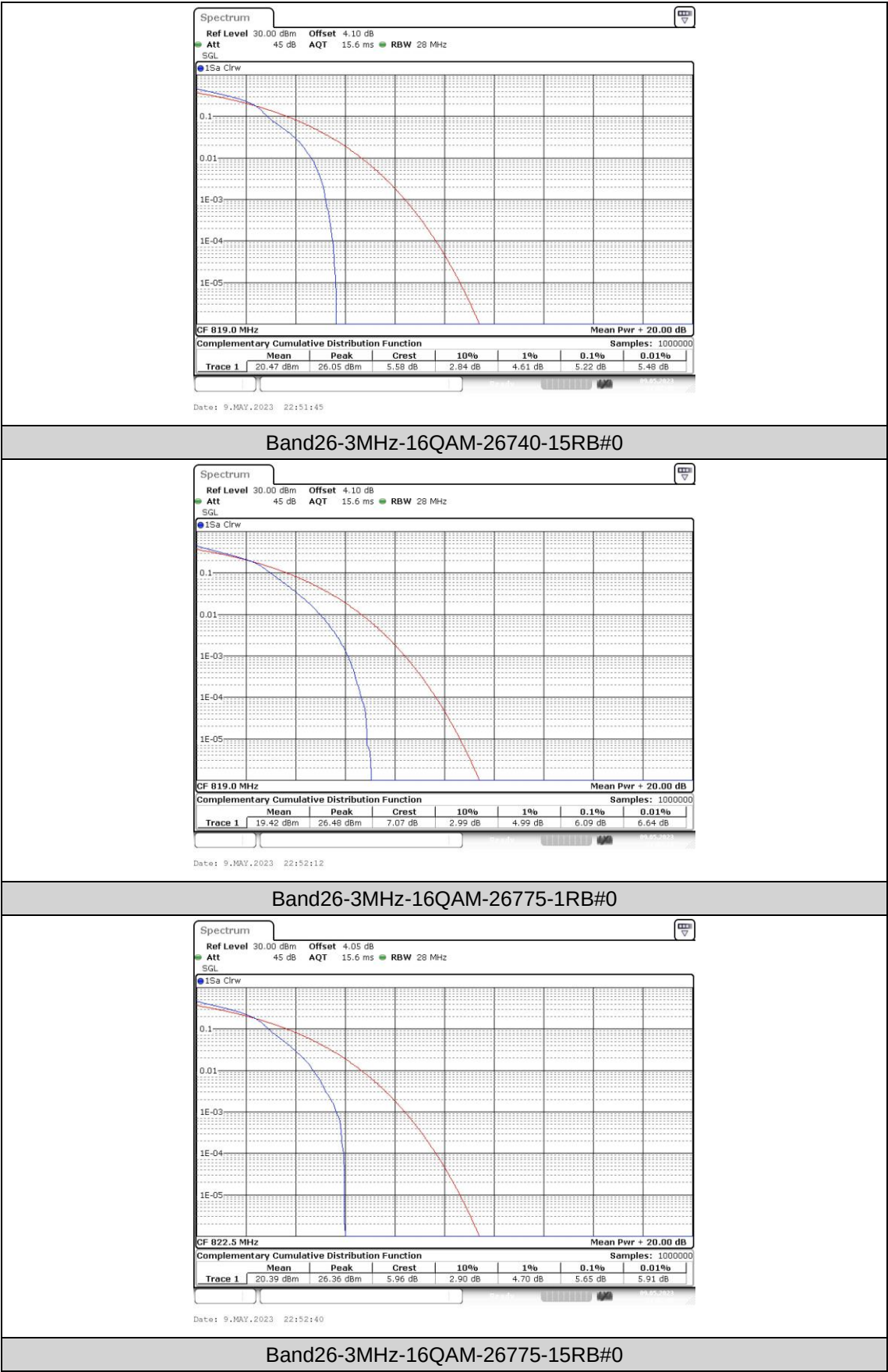


Band26-3MHz-QPSK-26775-1RB#0



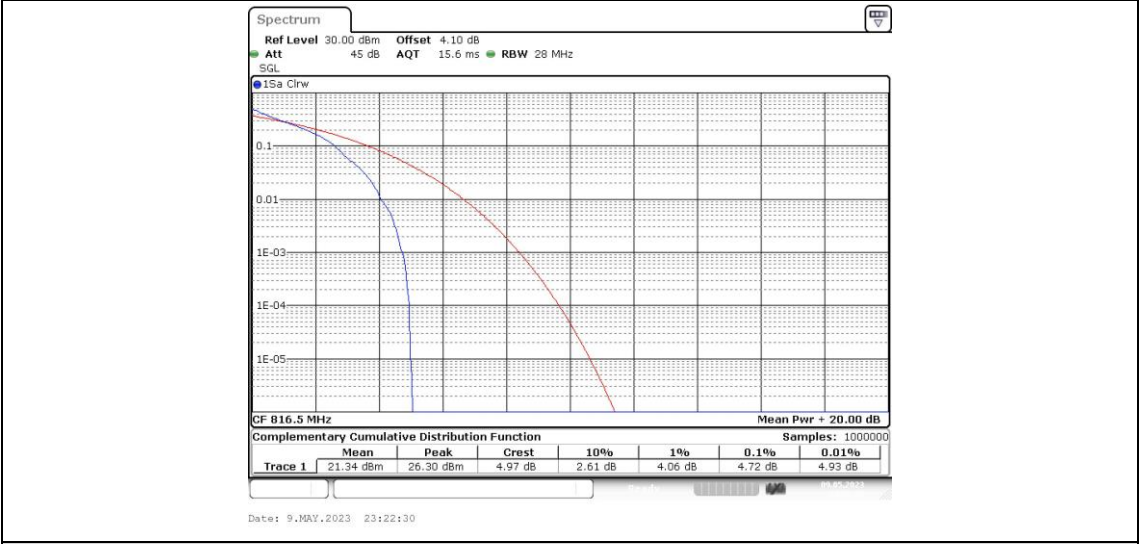
Band26-3MHz-QPSK-26775-15RB#0



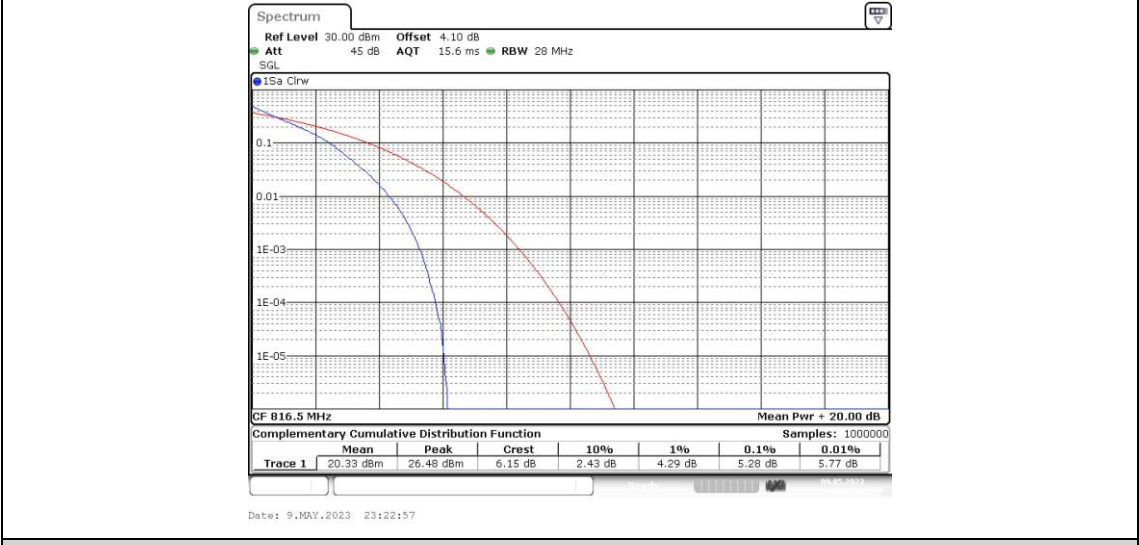




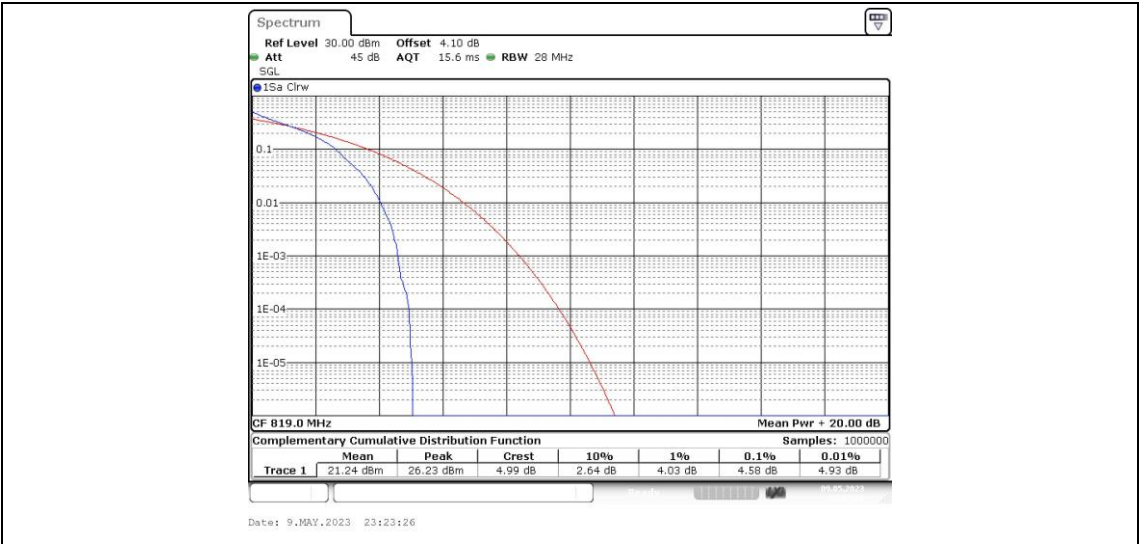
Band26-5MHz-QPSK-26715-1RB#0



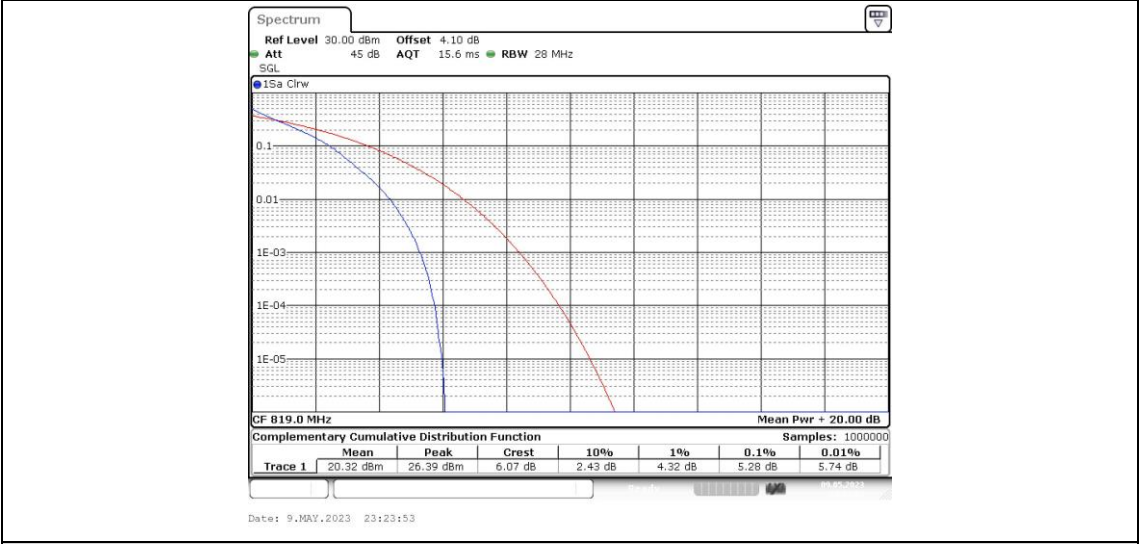
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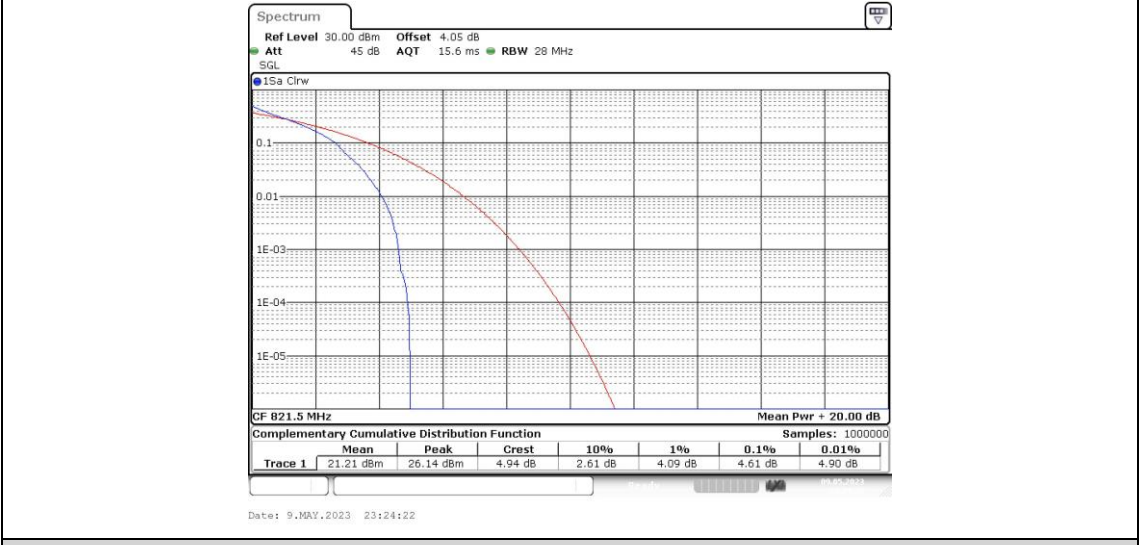
Band26-5MHz-QPSK-26740-1RB#0



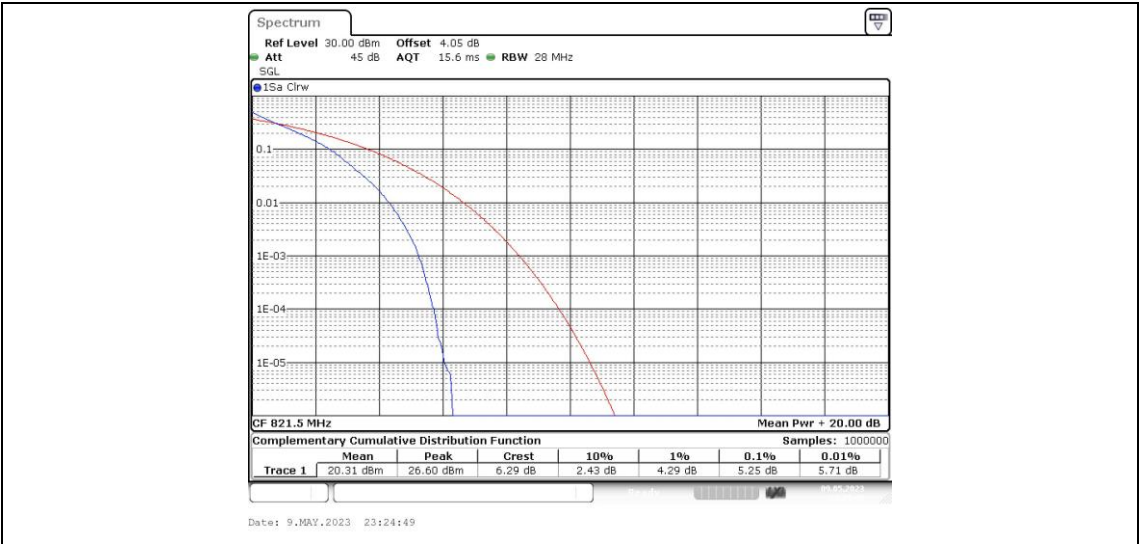
Band26-5MHz-QPSK-26740-25RB#0



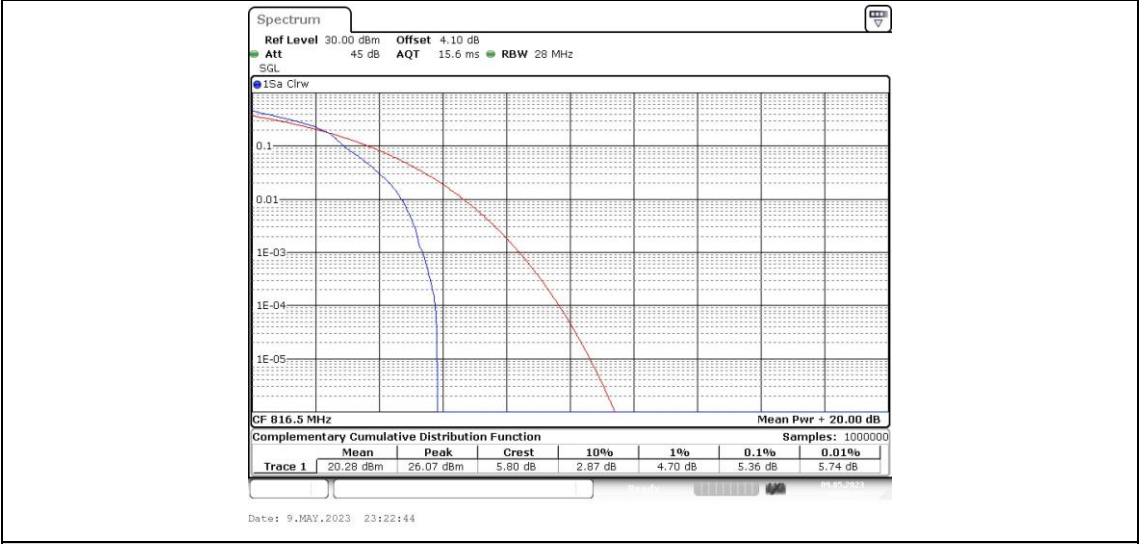
Band26-5MHz-QPSK-26765-1RB#0



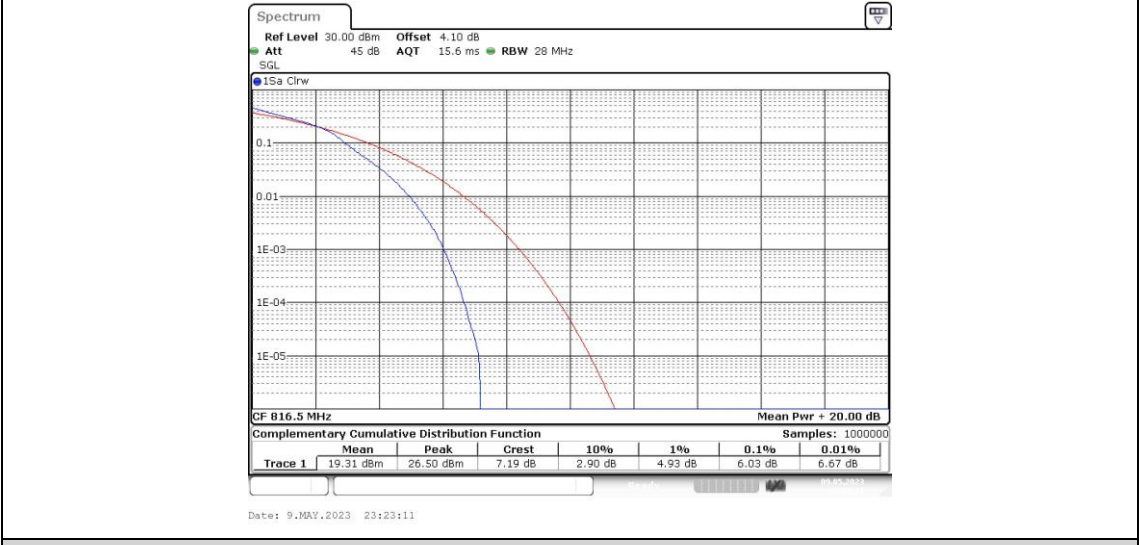
Band26-5MHz-QPSK-26765-25RB#0



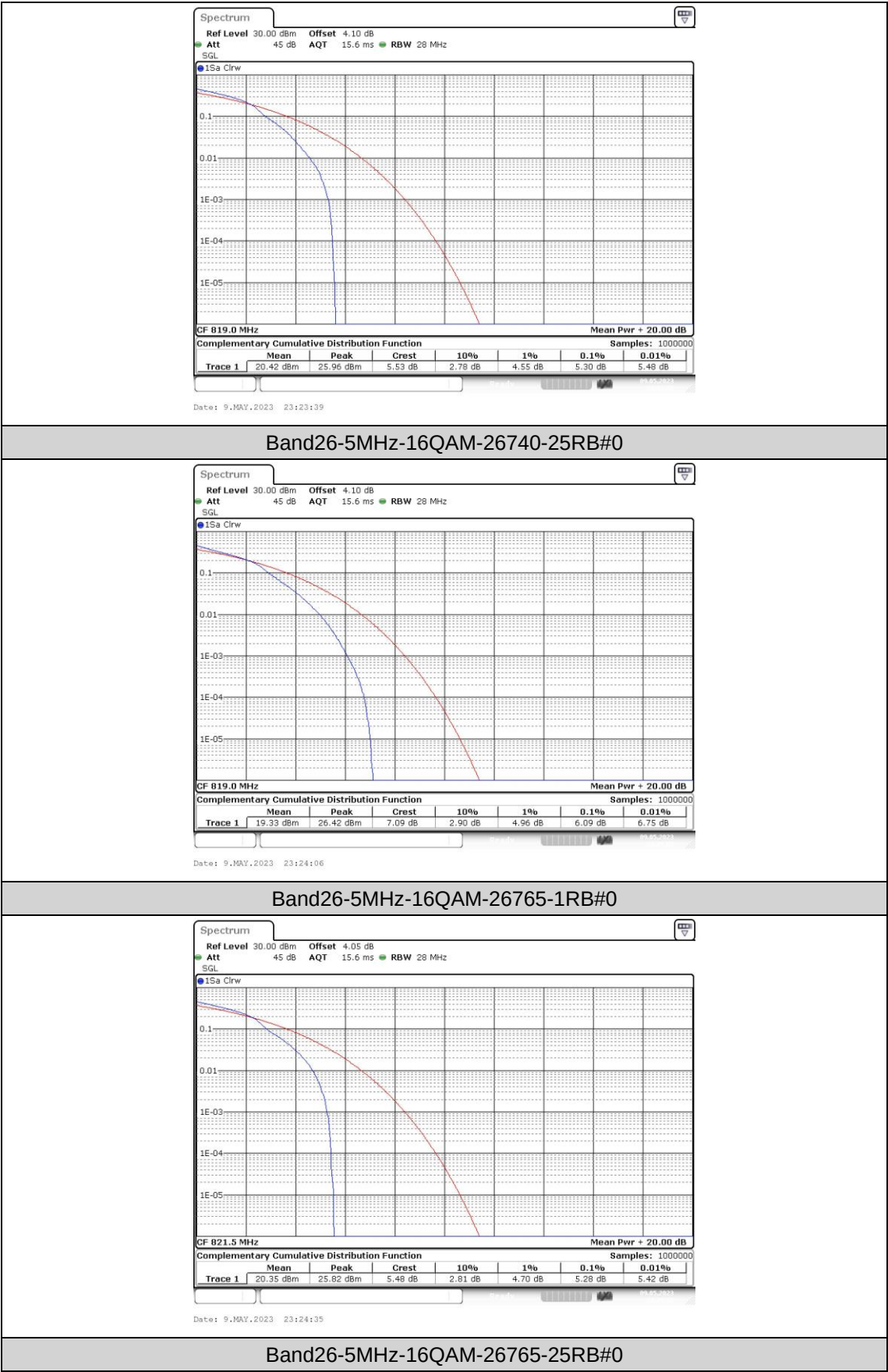
Band26-5MHz-16QAM-26715-1RB#0



Band26-5MHz-16QAM-26715-25RB#0

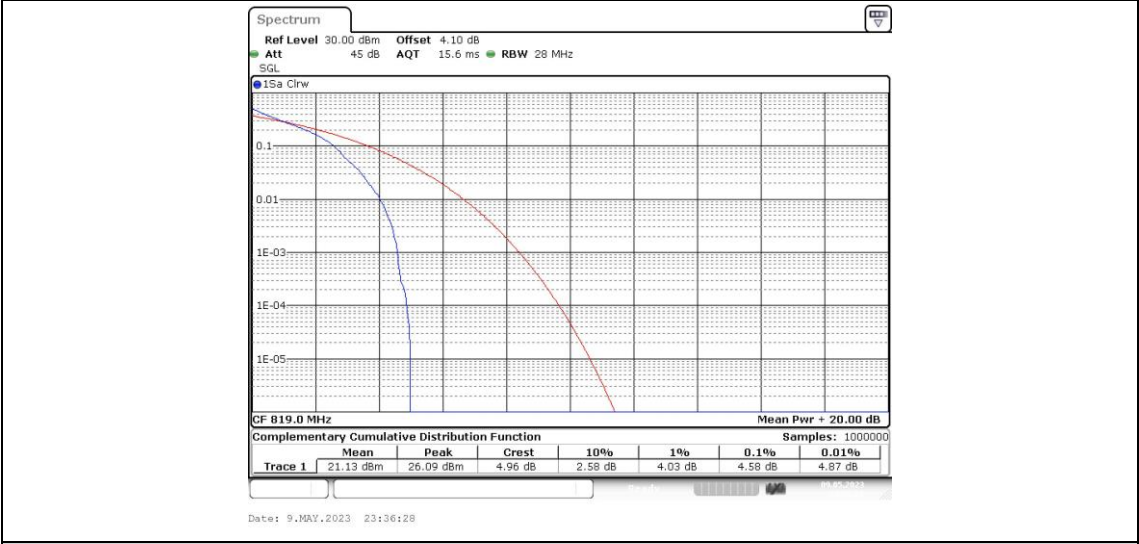


Band26-5MHz-16QAM-26740-1RB#0

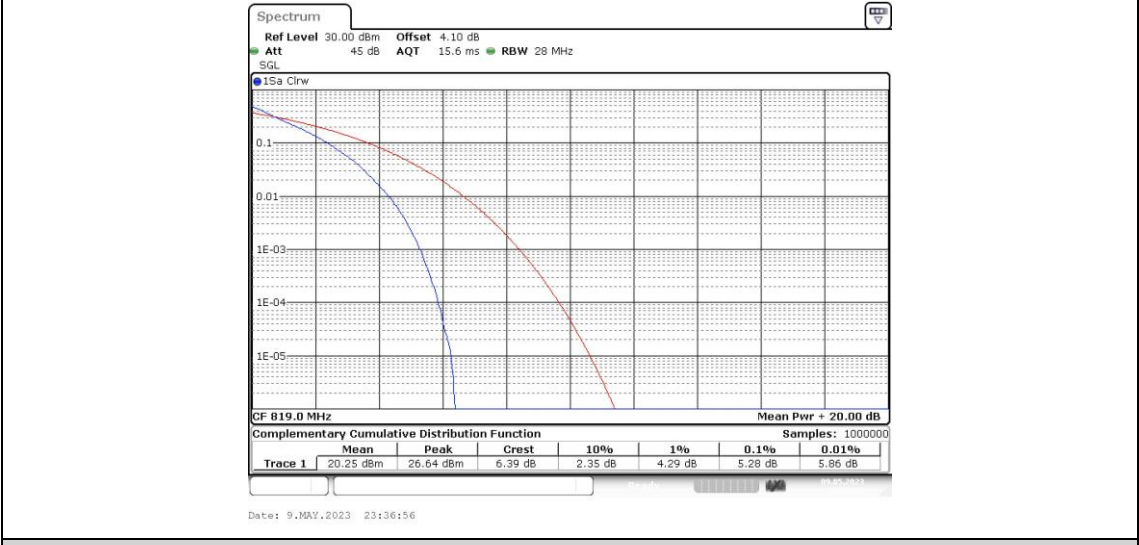




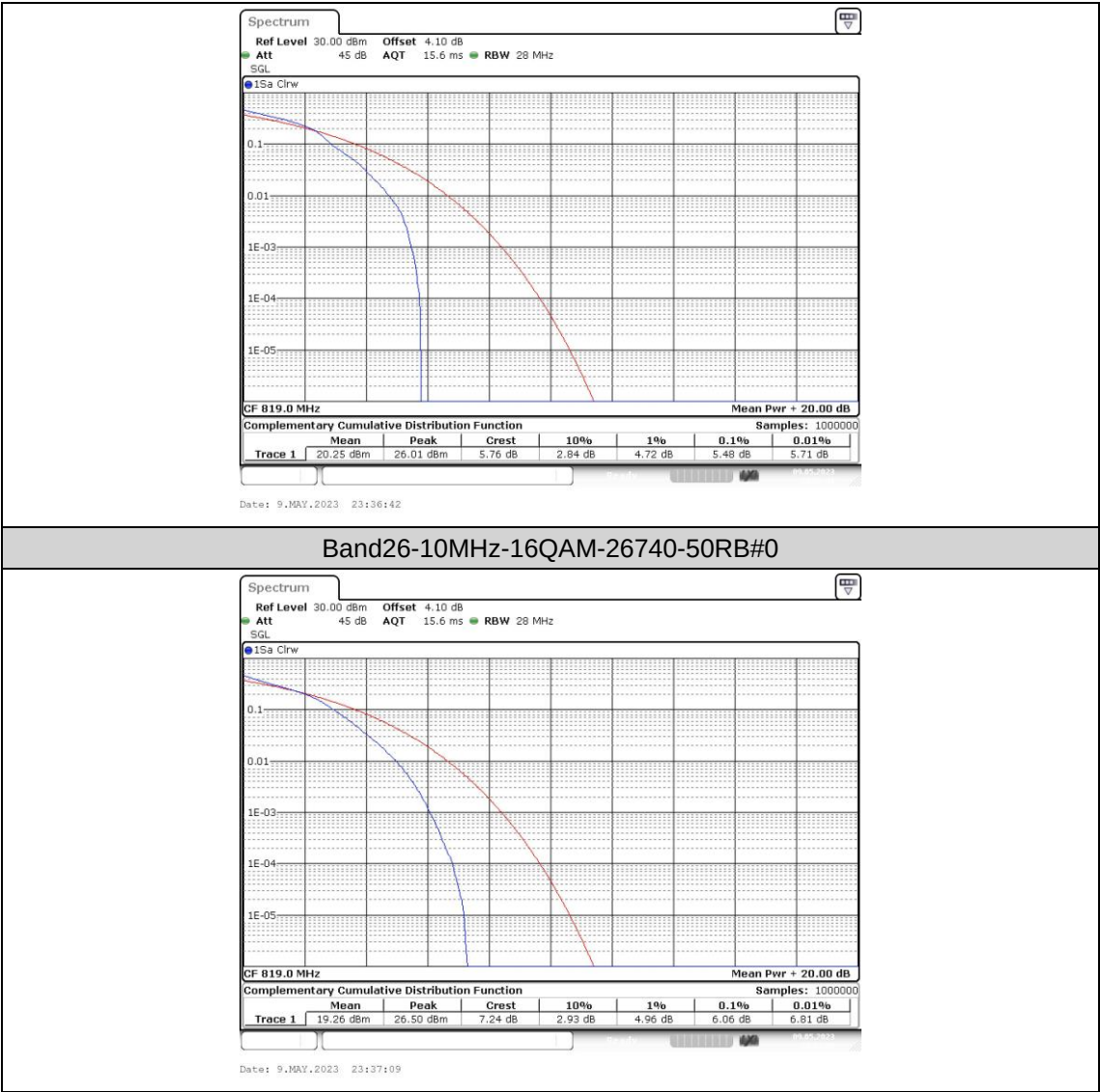
Band26-10MHz-QPSK-26740-1RB#0



Band26-10MHz-QPSK-26740-50RB#0



Band26-10MHz-16QAM-26740-1RB#0

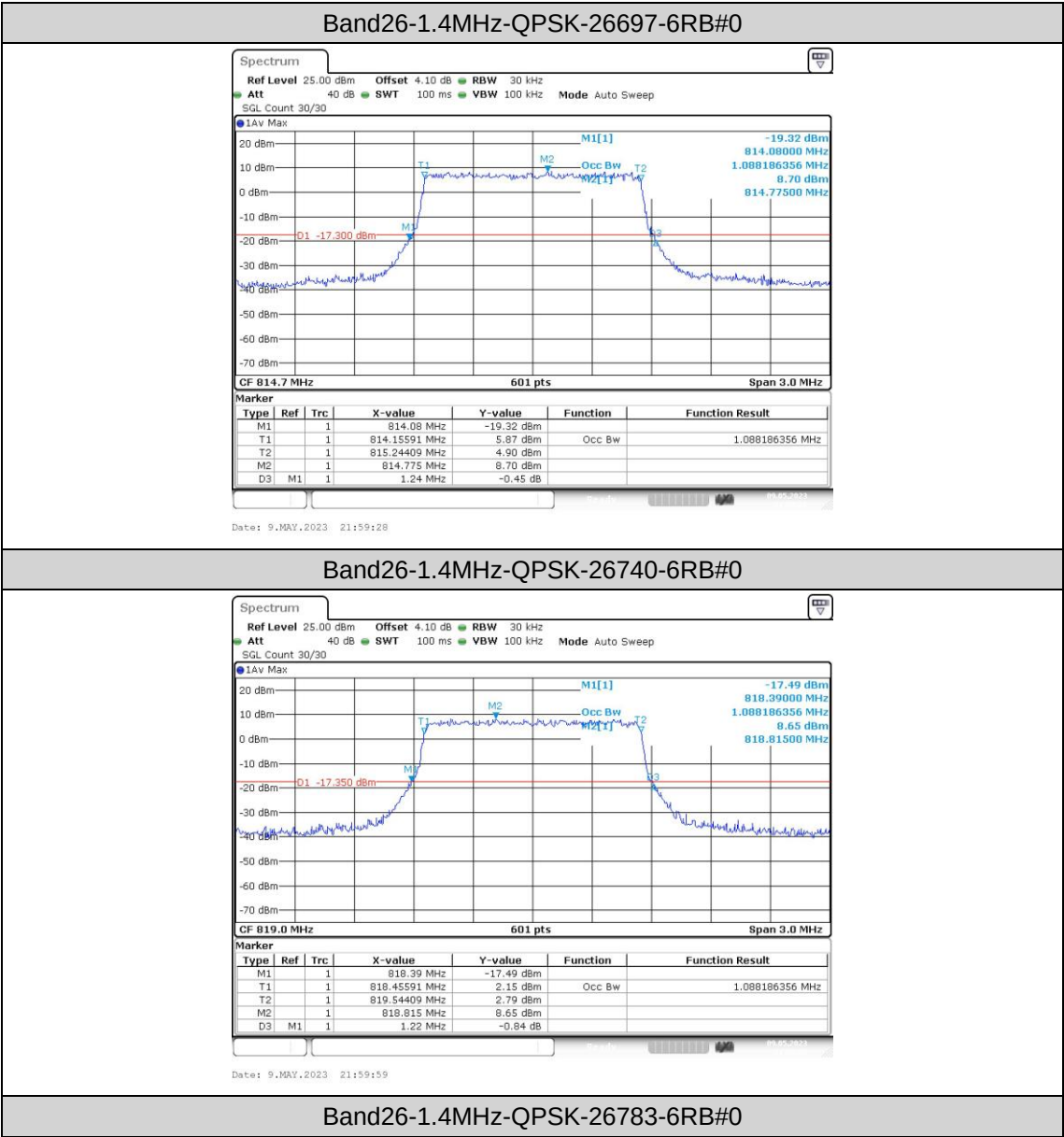


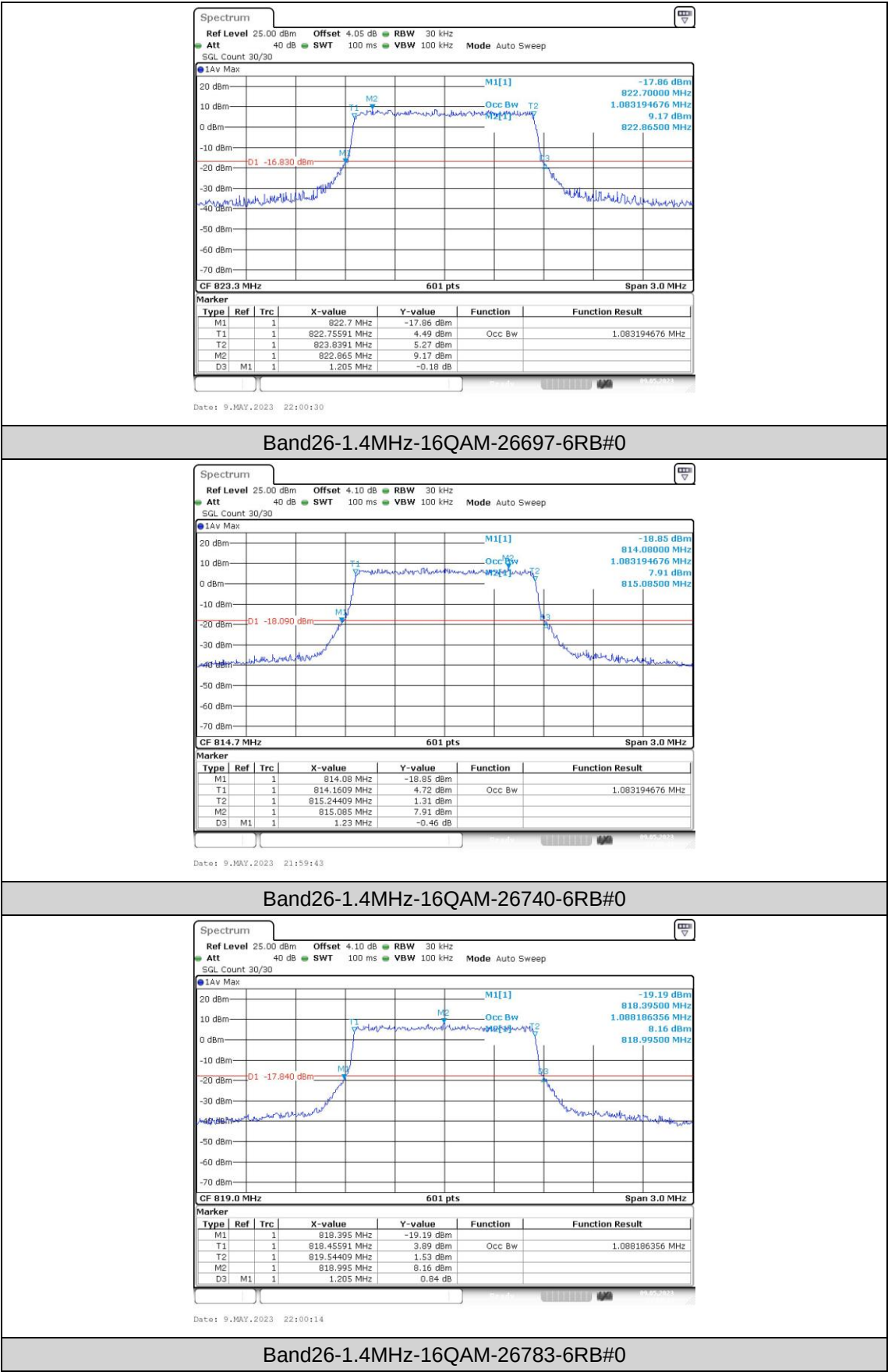
Appendix C: 26dB Bandwidth and Occupied Bandwidth

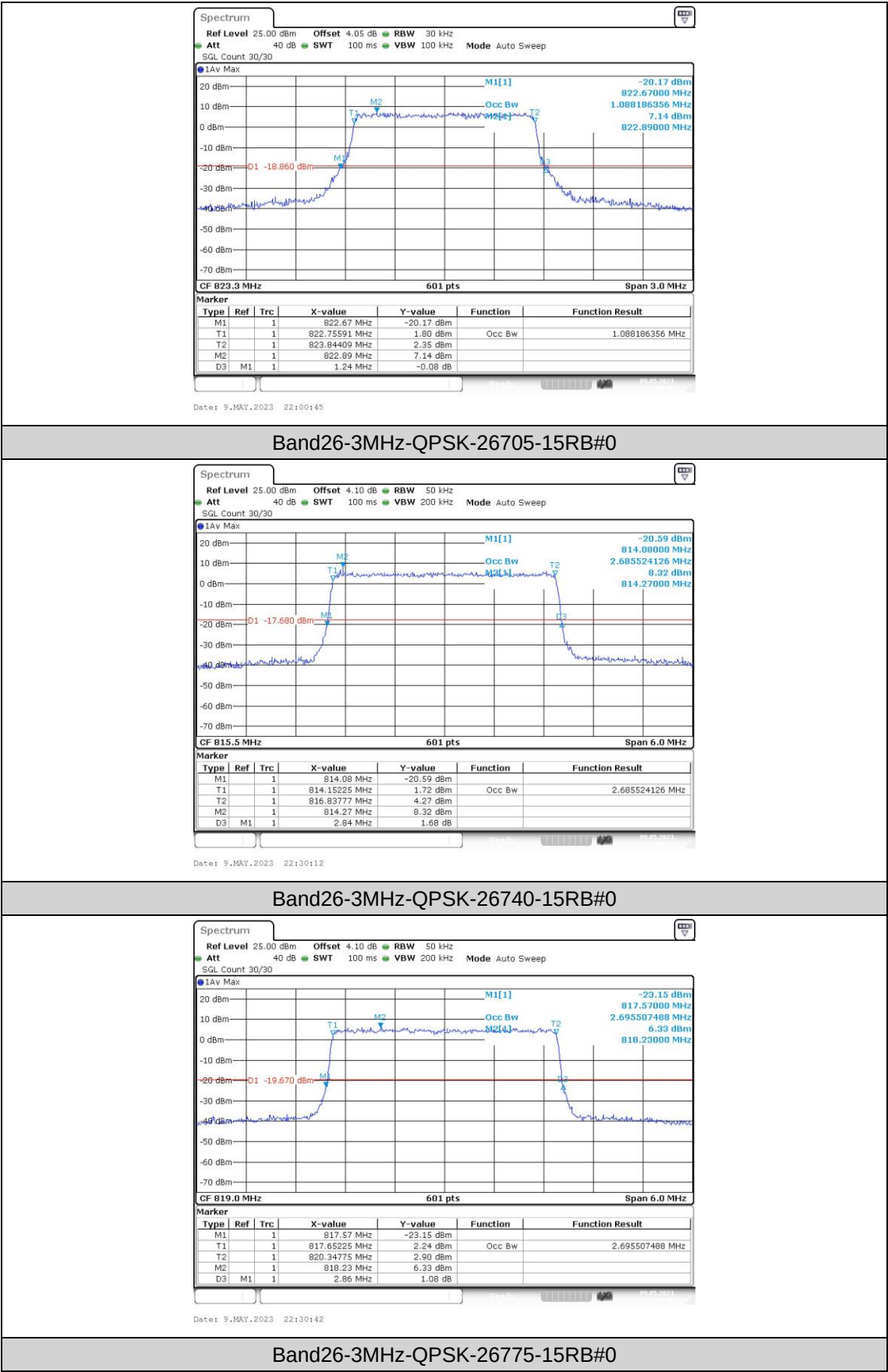
Test Result

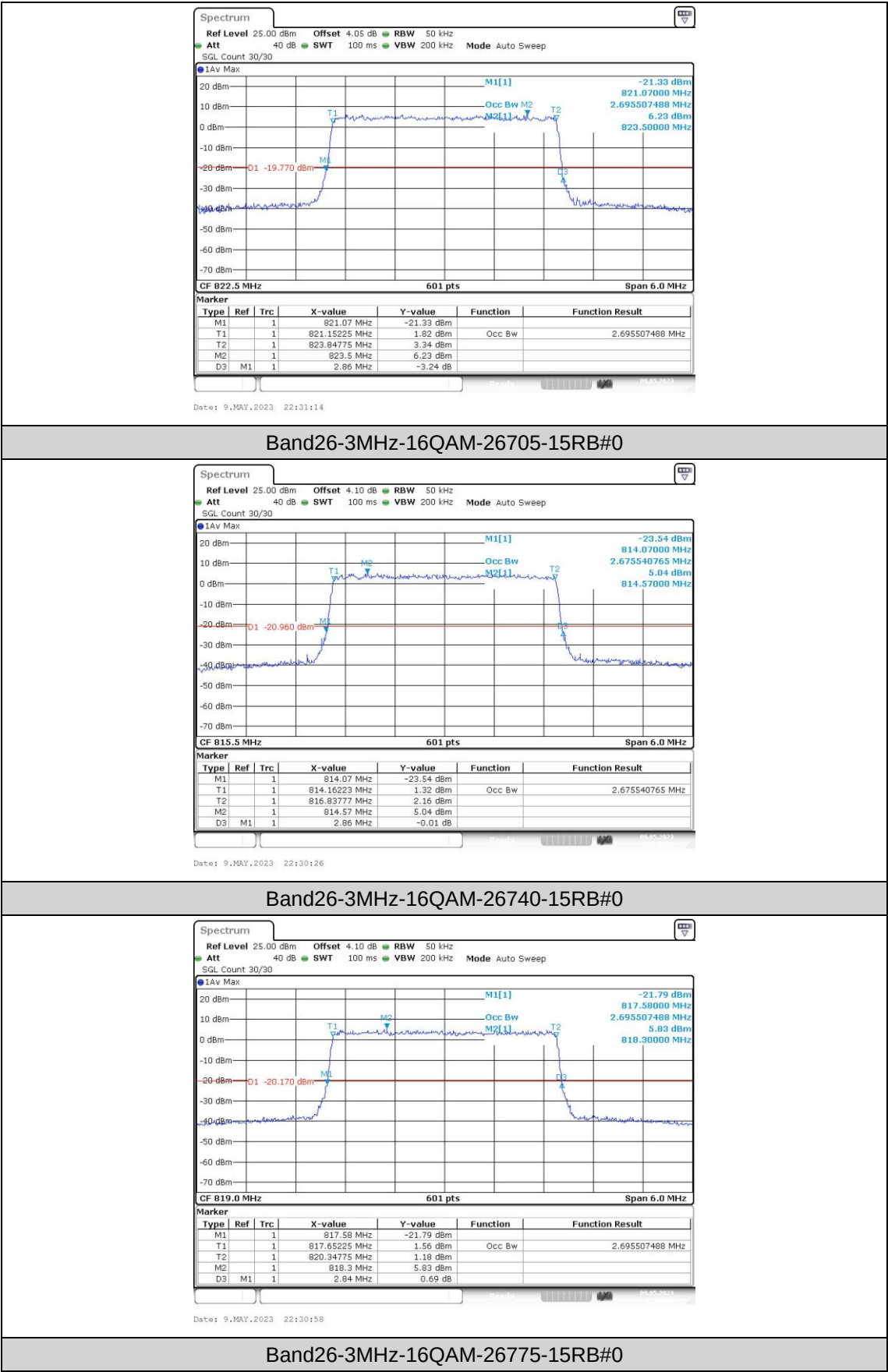
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band26	1.4MHz	QPSK	26697	6RB#0	1.088	1.24	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	1.088	1.22	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	1.083	1.21	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	1.083	1.23	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	1.088	1.21	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	1.088	1.24	PASS
Band26	3MHz	QPSK	26705	15RB#0	2.686	2.84	PASS
Band26	3MHz	QPSK	26740	15RB#0	2.696	2.86	PASS
Band26	3MHz	QPSK	26775	15RB#0	2.696	2.86	PASS
Band26	3MHz	16QAM	26705	15RB#0	2.676	2.86	PASS
Band26	3MHz	16QAM	26740	15RB#0	2.696	2.84	PASS
Band26	3MHz	16QAM	26775	15RB#0	2.696	2.84	PASS
Band26	5MHz	QPSK	26715	25RB#0	4.496	4.77	PASS
Band26	5MHz	QPSK	26740	25RB#0	4.496	4.76	PASS
Band26	5MHz	QPSK	26765	25RB#0	4.505	4.78	PASS
Band26	5MHz	16QAM	26715	25RB#0	4.505	4.77	PASS
Band26	5MHz	16QAM	26740	25RB#0	4.505	4.77	PASS
Band26	5MHz	16QAM	26765	25RB#0	4.515	4.77	PASS
Band26	10MHz	QPSK	26740	50RB#0	8.985	9.53	PASS
Band26	10MHz	16QAM	26740	50RB#0	8.985	9.53	PASS

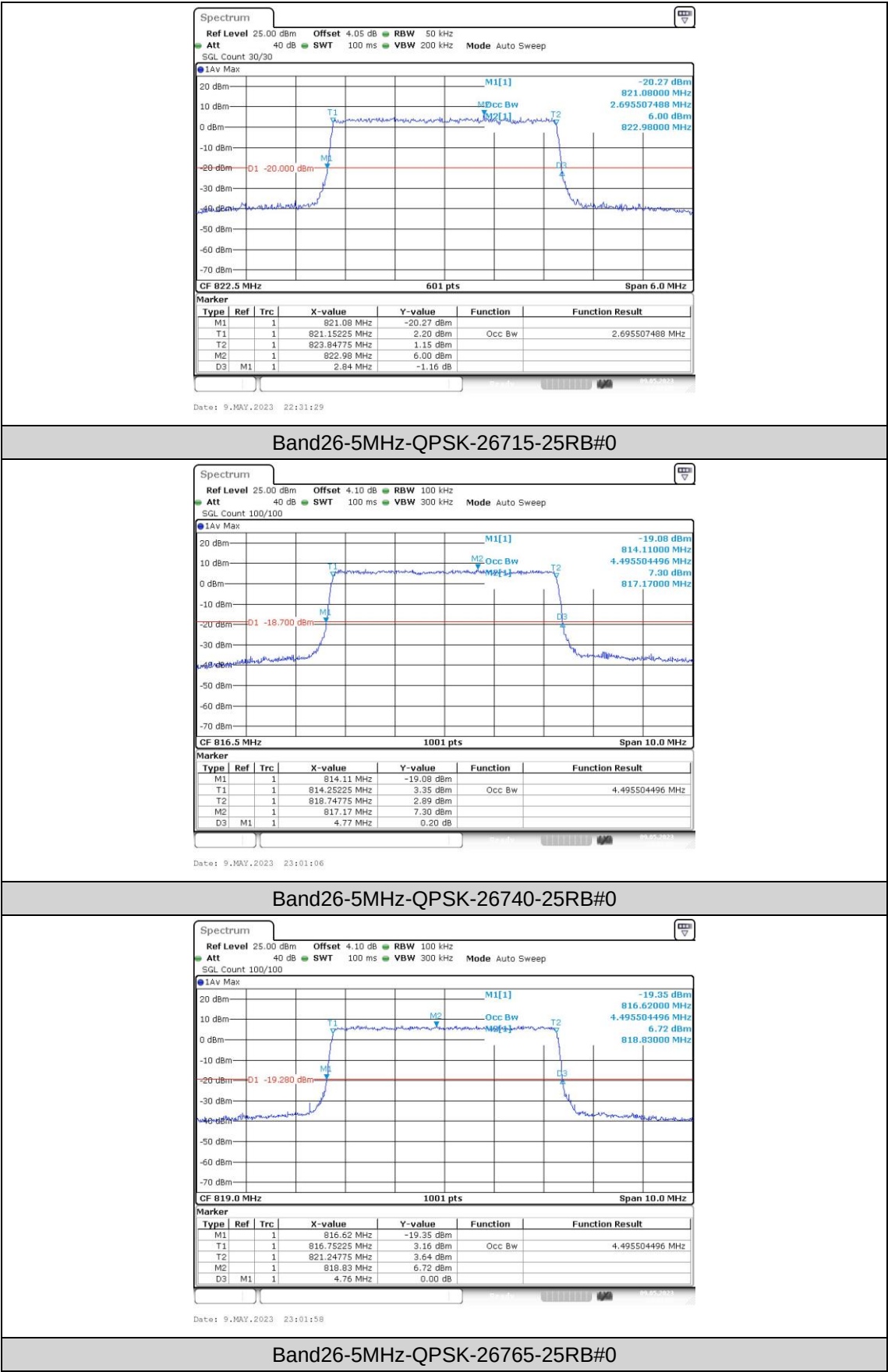
Test Graphs

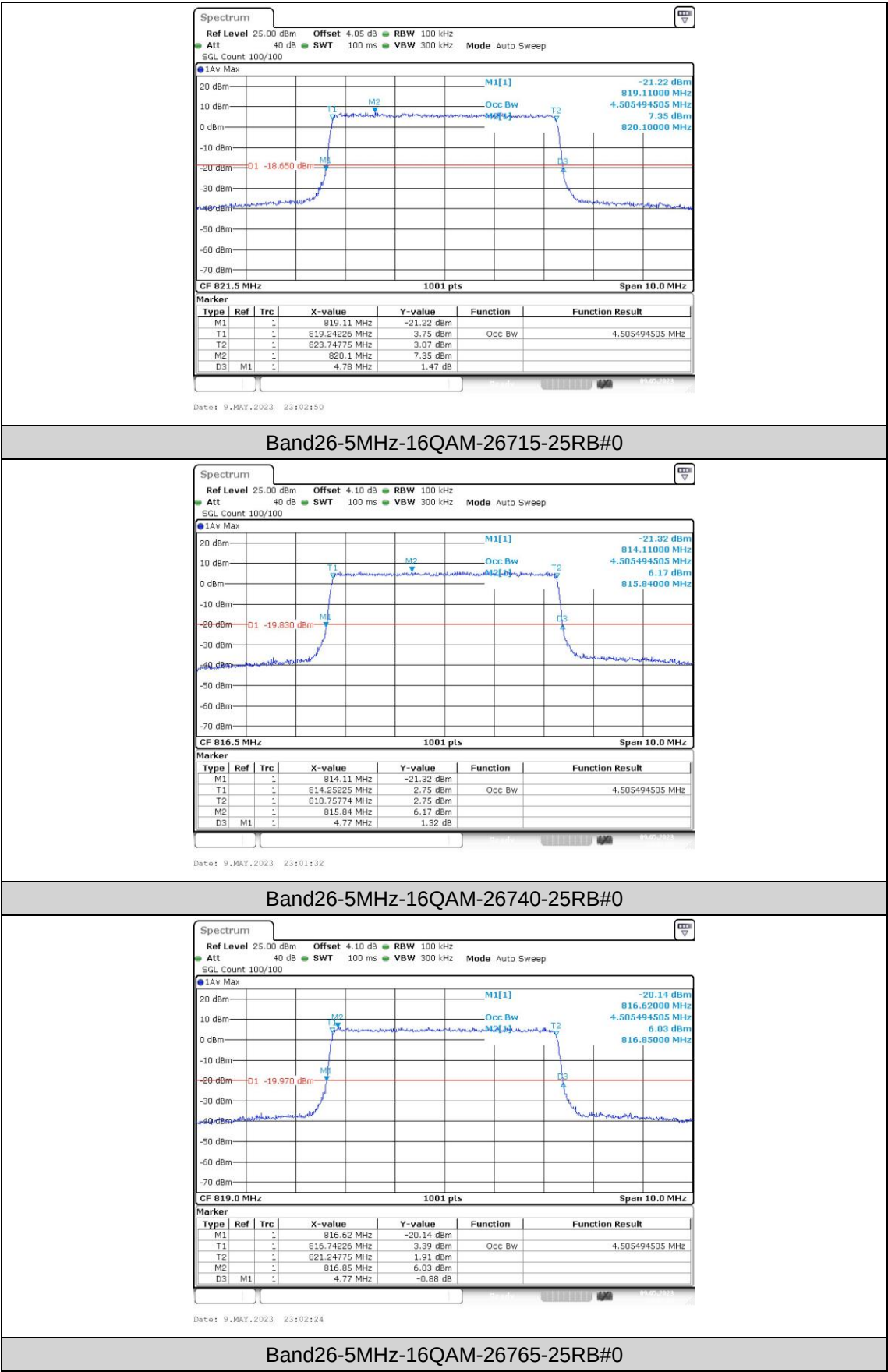


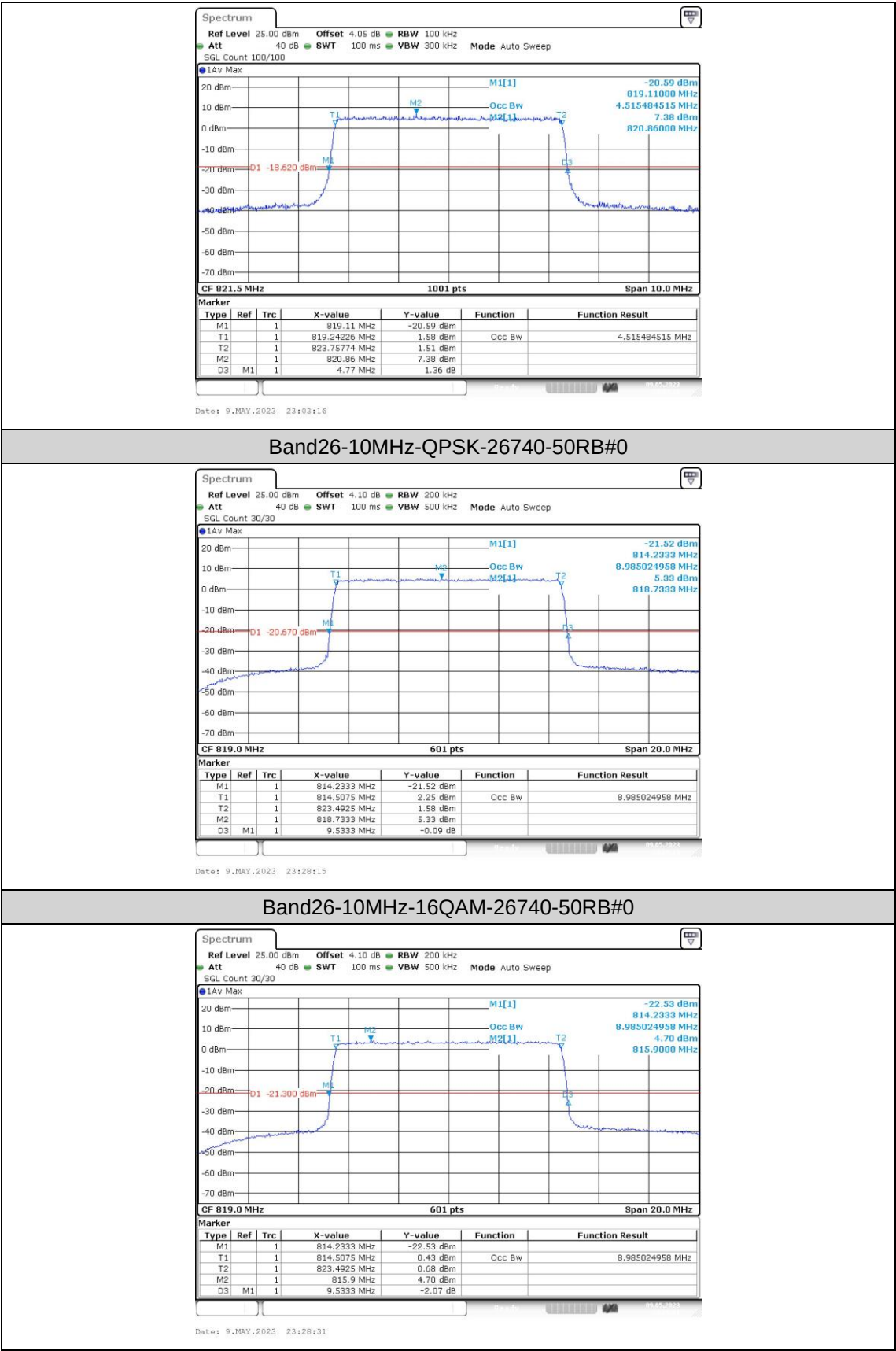












Appendix D: Band Edge

Test Result

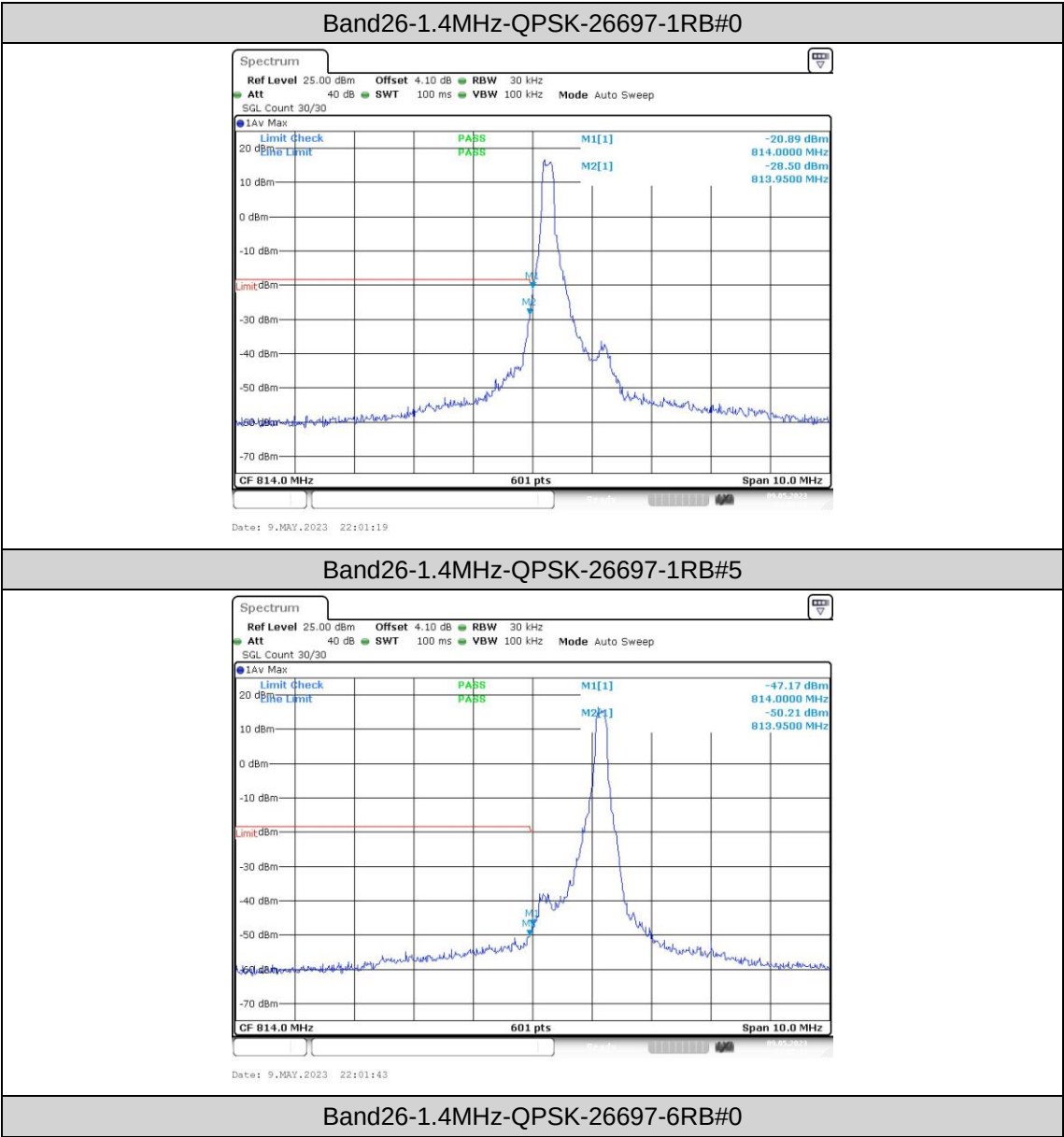
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band26	1.4MHz	QPSK	26697	1RB#0	-20.89,-28.50	PASS
Band26	1.4MHz	QPSK	26697	1RB#5	-47.17,-50.21	PASS
Band26	1.4MHz	QPSK	26697	6RB#0	-27.86,-33.54	PASS
Band26	1.4MHz	QPSK	26783	1RB#0	-47.10,-49.03	PASS
Band26	1.4MHz	QPSK	26783	1RB#5	-20.84,-27.37	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	-28.78,-29.43	PASS
Band26	1.4MHz	16QAM	26697	1RB#0	-21.51,-27.32	PASS
Band26	1.4MHz	16QAM	26697	1RB#5	-48.45,-49.00	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	-27.90,-32.59	PASS
Band26	1.4MHz	16QAM	26783	1RB#0	-47.66,-50.05	PASS
Band26	1.4MHz	16QAM	26783	1RB#5	-20.89,-26.11	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	-29.46,-30.95	PASS
Band26	3MHz	QPSK	26705	1RB#0	-18.29,-24.92	PASS
Band26	3MHz	QPSK	26705	1RB#14	-50.17,-49.52	PASS
Band26	3MHz	QPSK	26705	15RB#0	-31.72,-34.94	PASS
Band26	3MHz	QPSK	26775	1RB#0	-50.54,-50.01	PASS
Band26	3MHz	QPSK	26775	1RB#14	-19.53,-25.03	PASS
Band26	3MHz	QPSK	26775	15RB#0	-32.82,-36.01	PASS
Band26	3MHz	16QAM	26705	1RB#0	-19.80,-26.71	PASS
Band26	3MHz	16QAM	26705	1RB#14	-49.76,-49.29	PASS
Band26	3MHz	16QAM	26705	15RB#0	-33.01,-37.53	PASS
Band26	3MHz	16QAM	26775	1RB#0	-50.63,-50.55	PASS
Band26	3MHz	16QAM	26775	1RB#14	-21.05,-26.93	PASS
Band26	3MHz	16QAM	26775	15RB#0	-30.57,-36.92	PASS
Band26	5MHz	QPSK	26715	1RB#0	-19.67,-23.43	PASS
Band26	5MHz	QPSK	26715	1RB#24	-46.66,-47.55	PASS
Band26	5MHz	QPSK	26715	25RB#0	-31.27,-32.15	PASS
Band26	5MHz	QPSK	26765	1RB#0	-46.41,-48.87	PASS
Band26	5MHz	QPSK	26765	1RB#24	-19.42,-23.22	PASS
Band26	5MHz	QPSK	26765	25RB#0	-30.27,-33.89	PASS
Band26	5MHz	16QAM	26715	1RB#0	-20.56,-24.59	PASS
Band26	5MHz	16QAM	26715	1RB#24	-46.93,-48.94	PASS
Band26	5MHz	16QAM	26715	25RB#0	-32.50,-34.71	PASS
Band26	5MHz	16QAM	26765	1RB#0	-47.40,-48.75	PASS
Band26	5MHz	16QAM	26765	1RB#24	-22.07,-24.80	PASS
Band26	5MHz	16QAM	26765	25RB#0	-32.11,-33.16	PASS

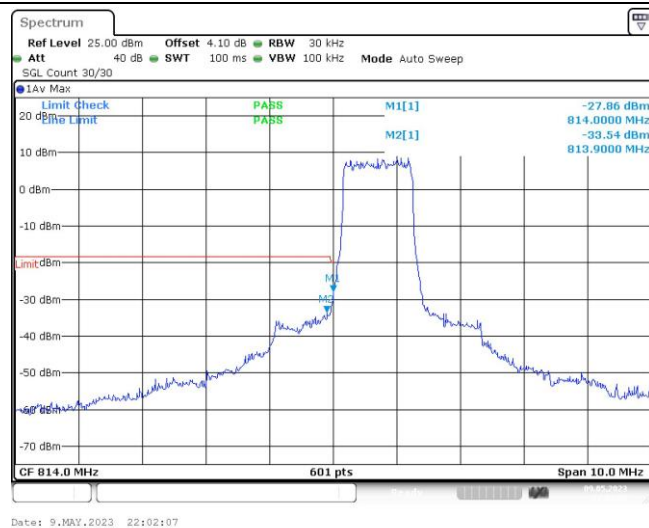
Waltek Testing Group (Shenzhen) Co., Ltd.

<http://www.waltek.com.cn>

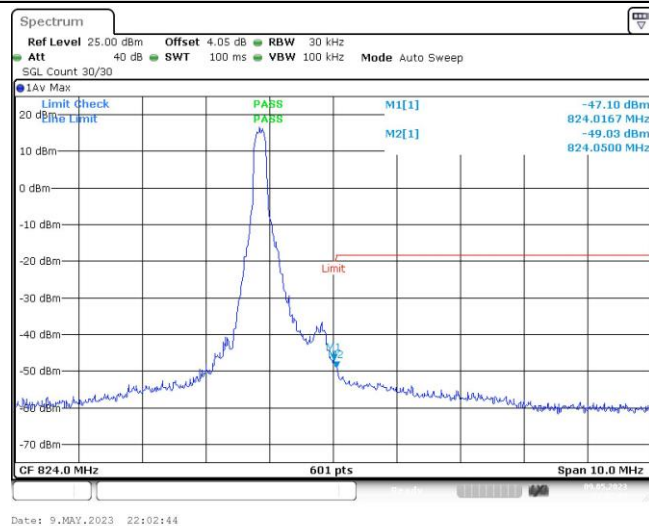
Band26	10MHz	QPSK	26740	1RB#0	-28.61,-26.19,-49.16,-49.03	PASS
Band26	10MHz	QPSK	26740	1RB#49	-49.10,-48.65,-27.23,-28.41	PASS
Band26	10MHz	QPSK	26740	50RB#0	-35.51,-35.66,-35.78,-35.54	PASS
Band26	10MHz	16QAM	26740	1RB#0	-30.77,-27.85,-48.93,-49.74	PASS
Band26	10MHz	16QAM	26740	1RB#49	-49.59,-49.29,-27.34,-28.54	PASS
Band26	10MHz	16QAM	26740	50RB#0	-37.59,-36.47,-36.09,-36.53	PASS

Test Graphs

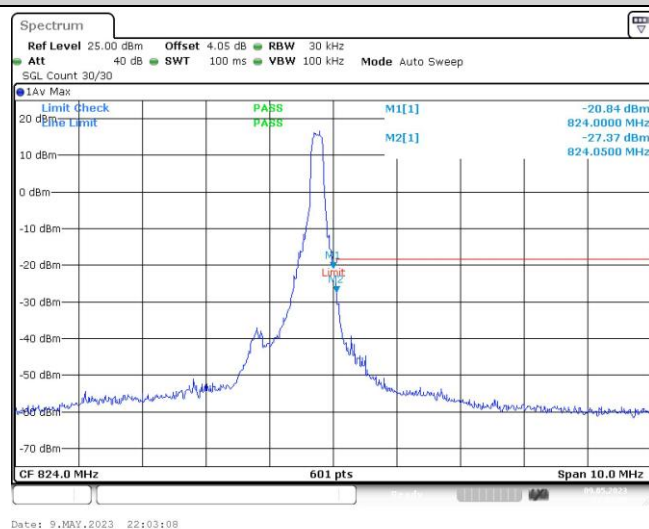




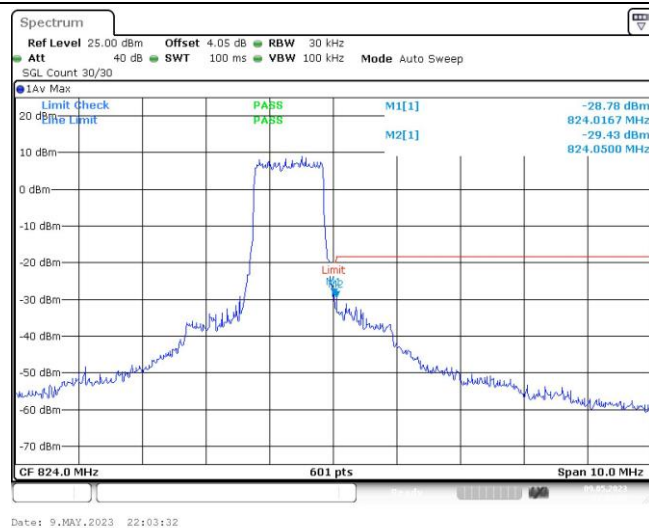
Band26-1.4MHz-QPSK-26783-1RB#0



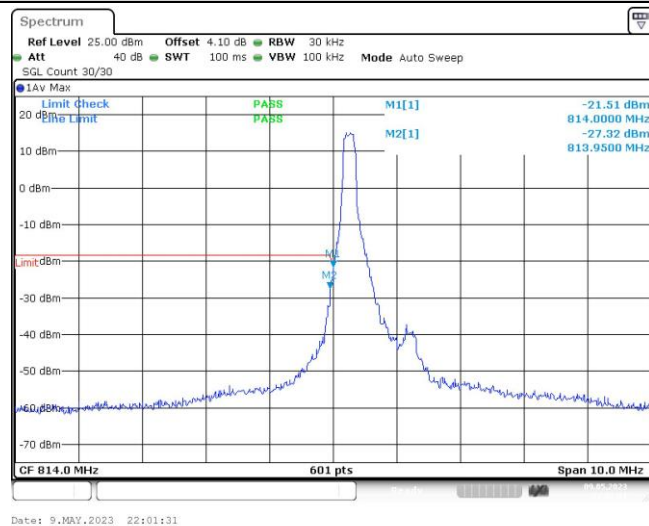
Band26-1.4MHz-QPSK-26783-1RB#5



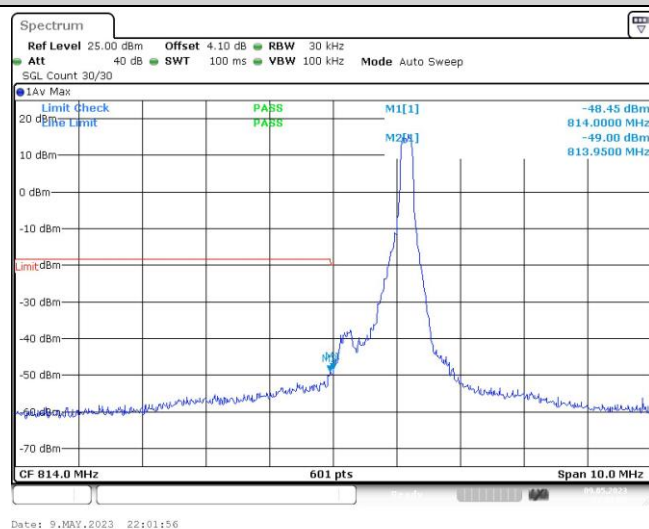
Band26-1.4MHz-QPSK-26783-6RB#0



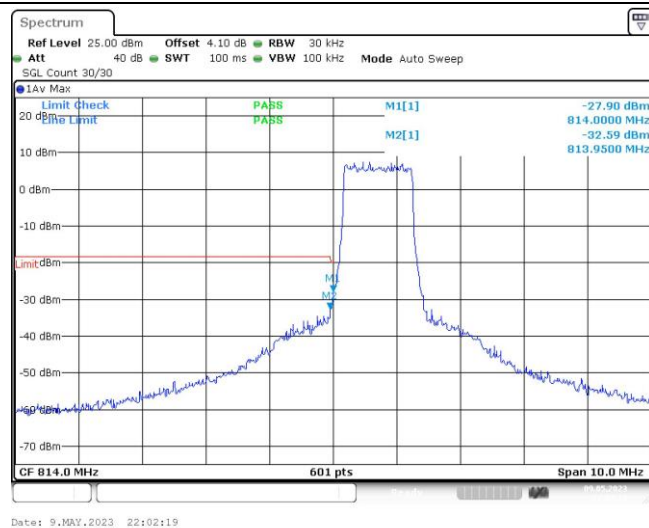
Band26-1.4MHz-16QAM-26697-1RB#0



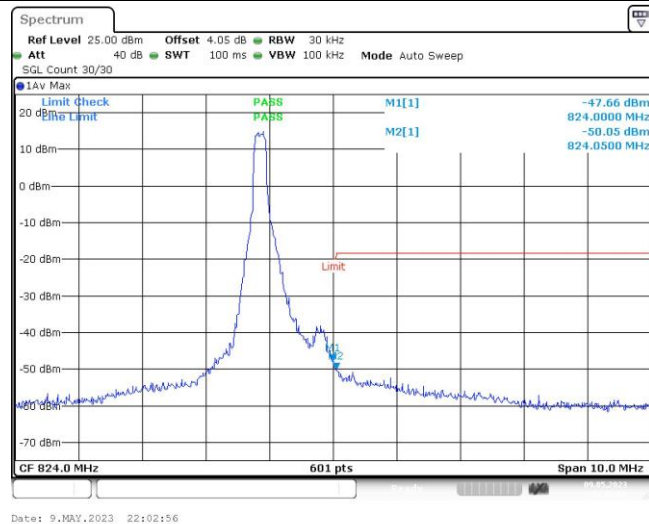
Band26-1.4MHz-16QAM-26697-1RB#5



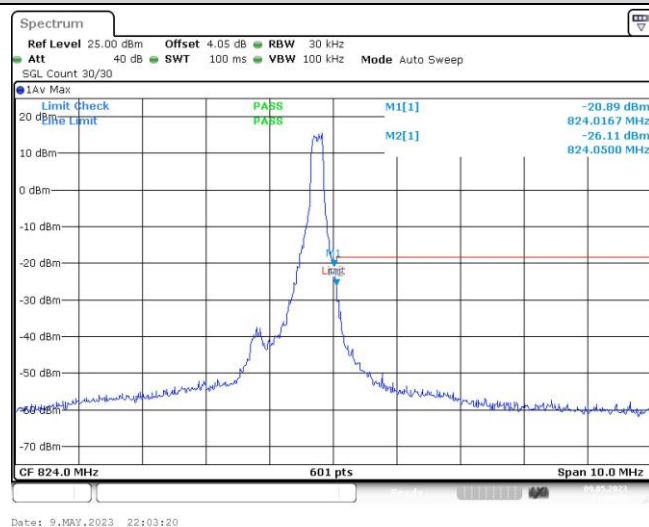
Band26-1.4MHz-16QAM-26697-6RB#0



Band26-1.4MHz-16QAM-26783-1RB#0



Band26-1.4MHz-16QAM-26783-1RB#5



Band26-1.4MHz-16QAM-26783-6RB#0