

Appendix for WCDMA Band 5

Product Name: Wireless data terminal

Model No: SC55G

Appendix A: Average Power Output Data

Test Result

WCMDA

Band	Channel	Power(dBm)	Verdict
Band5	4132	23.13	PASS
Band5	4182	23.45	PASS
Band5	4233	23.54	PASS

HSDPA

Band	Channel	SubTest	Power(dBm)	Verdict
Band5	4132	1	22.12	PASS
Band5	4132	2	21.63	PASS
Band5	4132	3	21.63	PASS
Band5	4132	4	21.60	PASS
Band5	4182	1	22.45	PASS
Band5	4182	2	21.92	PASS
Band5	4182	3	21.93	PASS
Band5	4182	4	21.94	PASS
Band5	4233	1	22.60	PASS
Band5	4233	2	22.05	PASS
Band5	4233	3	22.07	PASS
Band5	4233	4	22.07	PASS

HSUPA

Band	Channel	SubTest	Power(dBm)	Verdict
Band5	4132	1	20.14	PASS
Band5	4132	2	20.61	PASS
Band5	4132	3	21.17	PASS
Band5	4132	4	20.61	PASS
Band5	4132	5	22.11	PASS
Band5	4182	1	20.46	PASS
Band5	4182	2	20.94	PASS
Band5	4182	3	21.45	PASS
Band5	4182	4	20.94	PASS

Band5	4182	5	22.42	PASS
Band5	4233	1	20.58	PASS
Band5	4233	2	21.05	PASS
Band5	4233	3	21.60	PASS
Band5	4233	4	20.70	PASS
Band5	4233	5	22.50	PASS

AppendixB:Peak-to-Average Ratio

Test Result

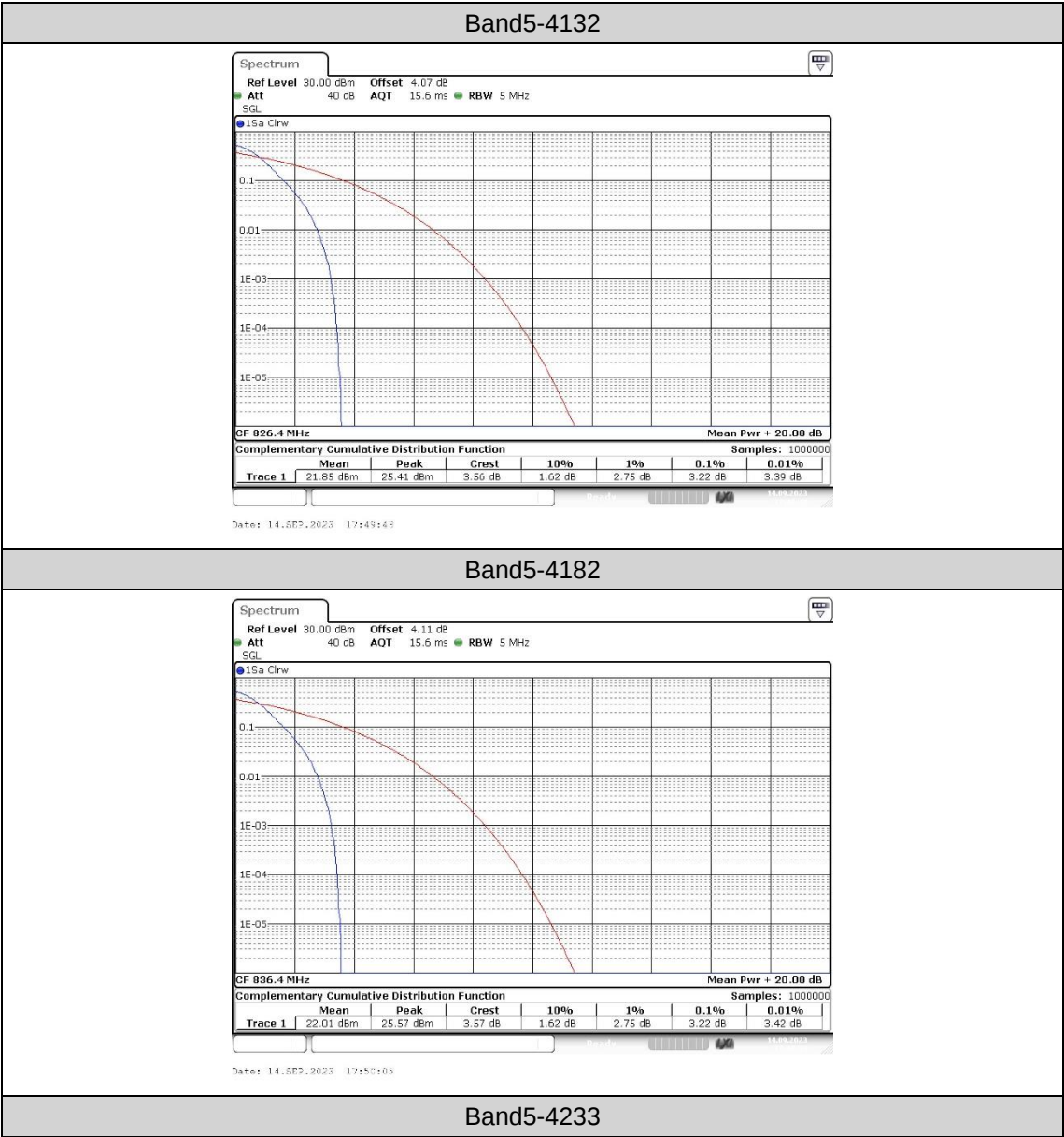
Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band5	4132	3.22	13	PASS
Band5	4182	3.22	13	PASS
Band5	4233	3.22	13	PASS

Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band5	4132	1	3.25	13	PASS
Band5	4132	2	3.51	13	PASS
Band5	4132	3	3.68	13	PASS
Band5	4132	4	3.74	13	PASS
Band5	4182	1	3.28	13	PASS
Band5	4182	2	3.48	13	PASS
Band5	4182	3	3.71	13	PASS
Band5	4182	4	3.71	13	PASS
Band5	4233	1	3.25	13	PASS
Band5	4233	2	3.59	13	PASS
Band5	4233	3	3.83	13	PASS
Band5	4233	4	3.88	13	PASS

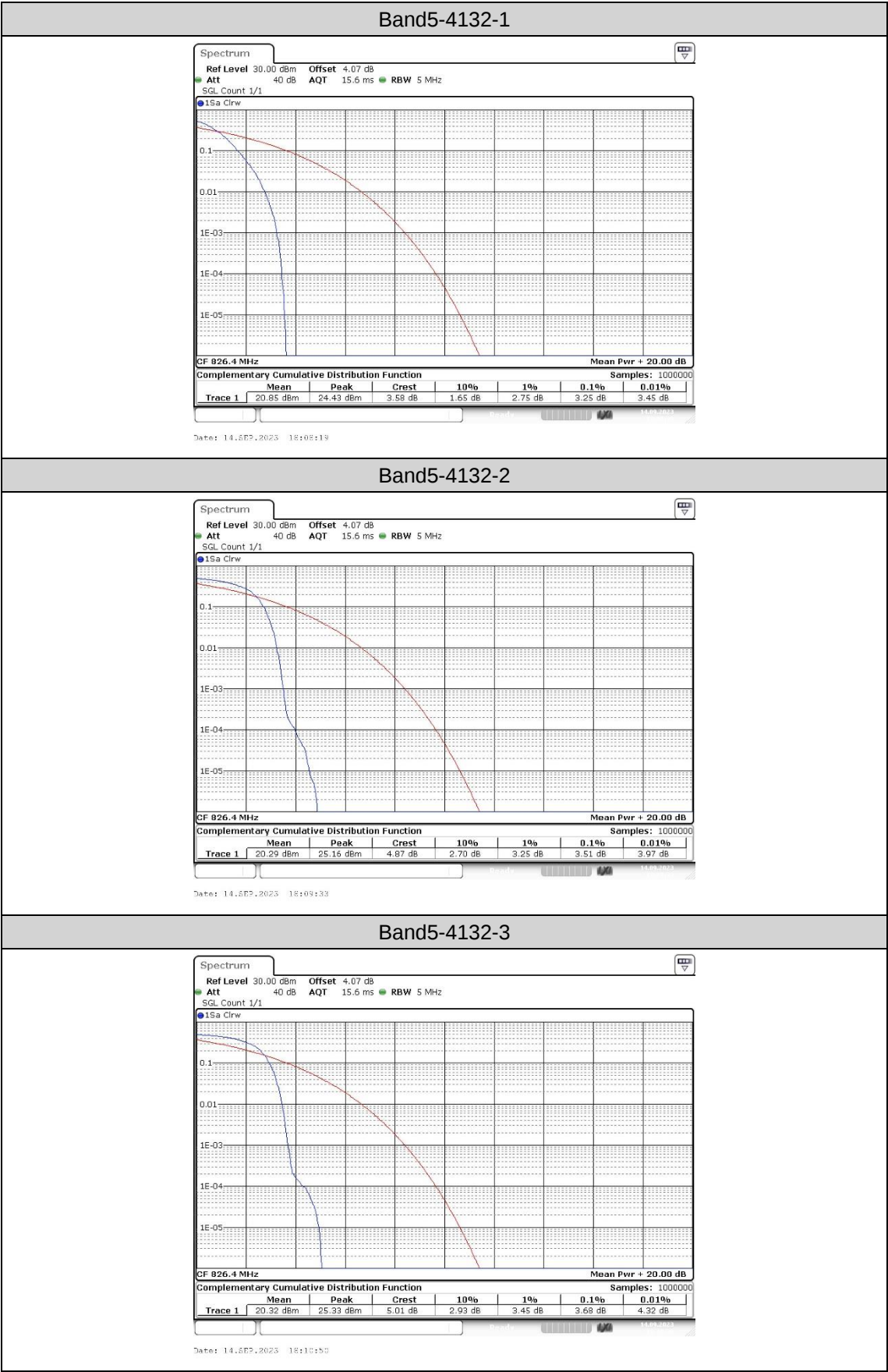
Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band5	4132	1	4.55	13	PASS
Band5	4132	2	5.57	13	PASS
Band5	4132	3	5.1	13	PASS
Band5	4132	4	5.68	13	PASS
Band5	4132	5	4.29	13	PASS
Band5	4182	1	4.43	13	PASS
Band5	4182	2	5.57	13	PASS
Band5	4182	3	5.13	13	PASS
Band5	4182	4	5.65	13	PASS
Band5	4182	5	4.32	13	PASS
Band5	4233	1	4.43	13	PASS
Band5	4233	2	5.57	13	PASS
Band5	4233	3	5.13	13	PASS

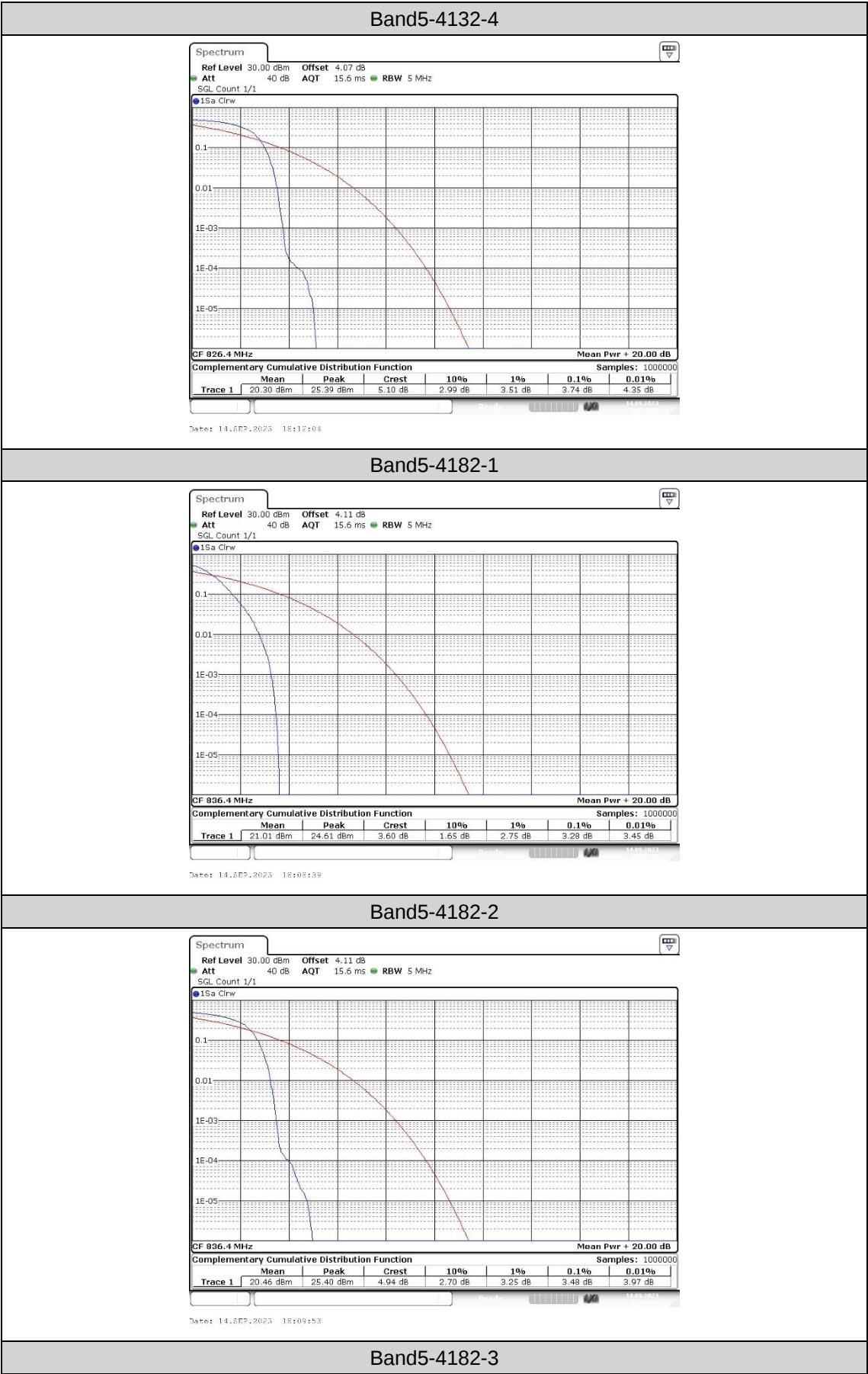
Band5	4233	4	5.65	13	PASS
Band5	4233	5	4.29	13	PASS

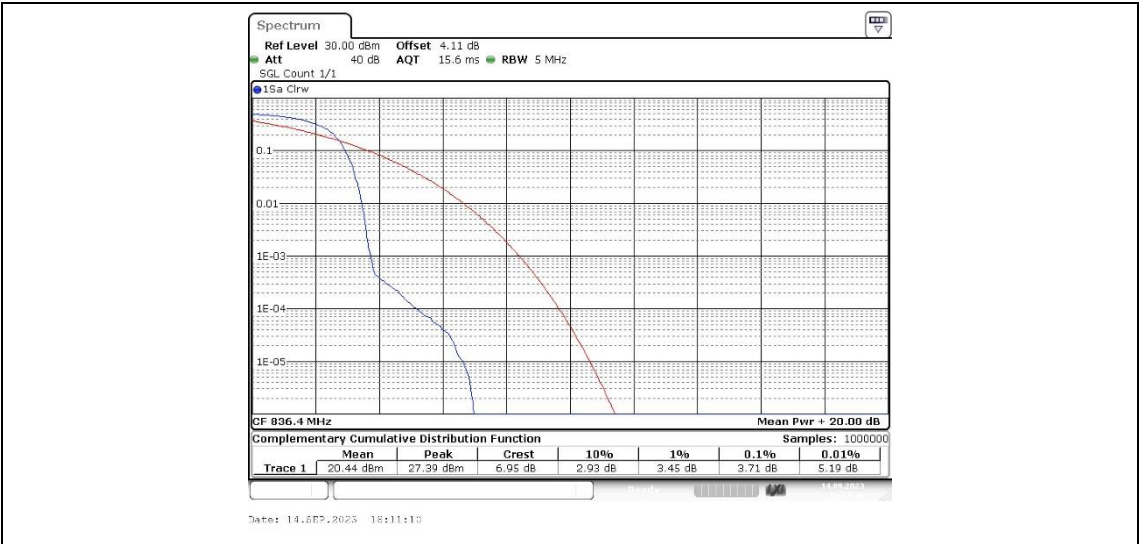
Test Graphs



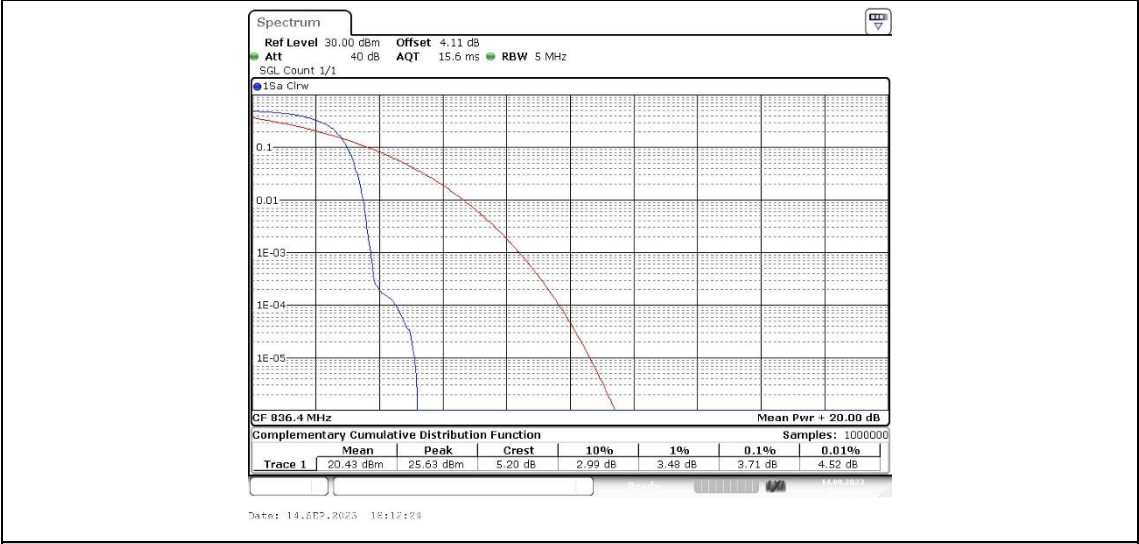




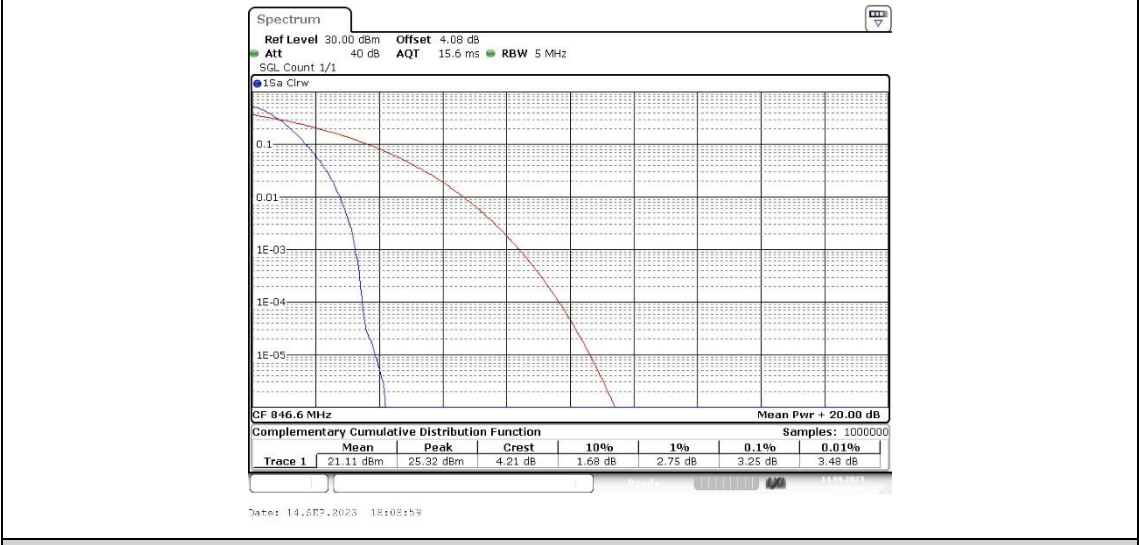




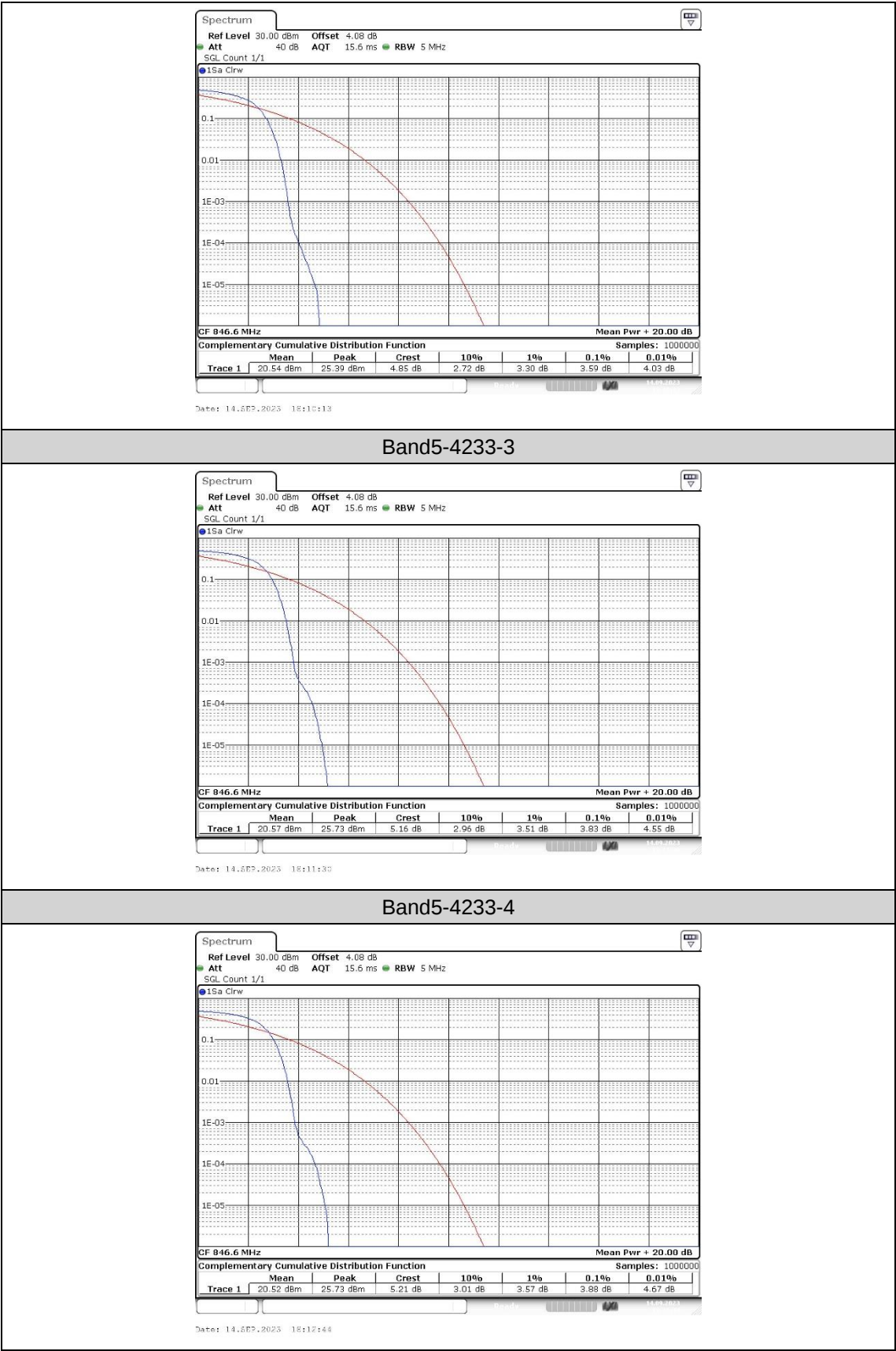
Band5-4182-4

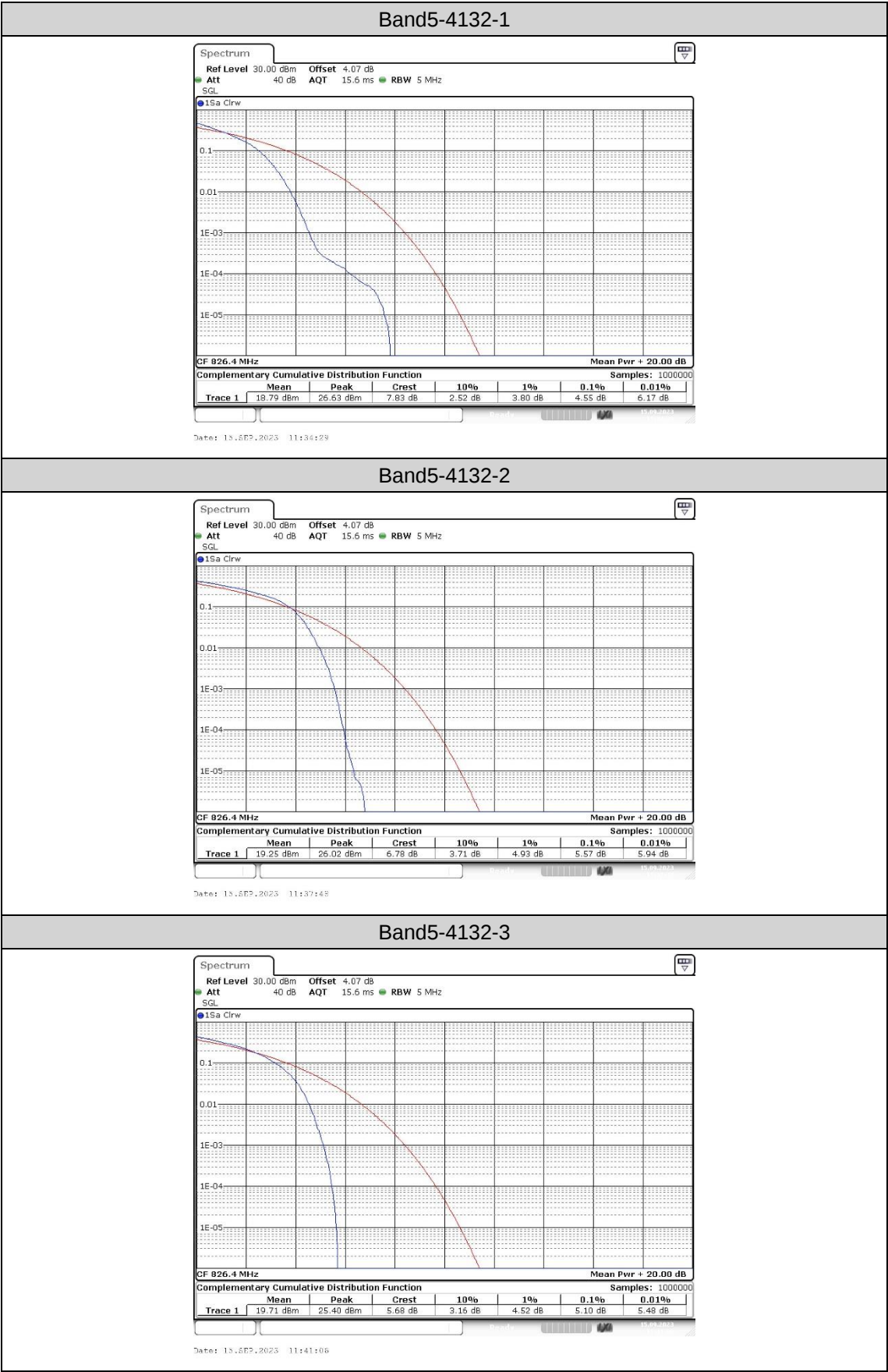


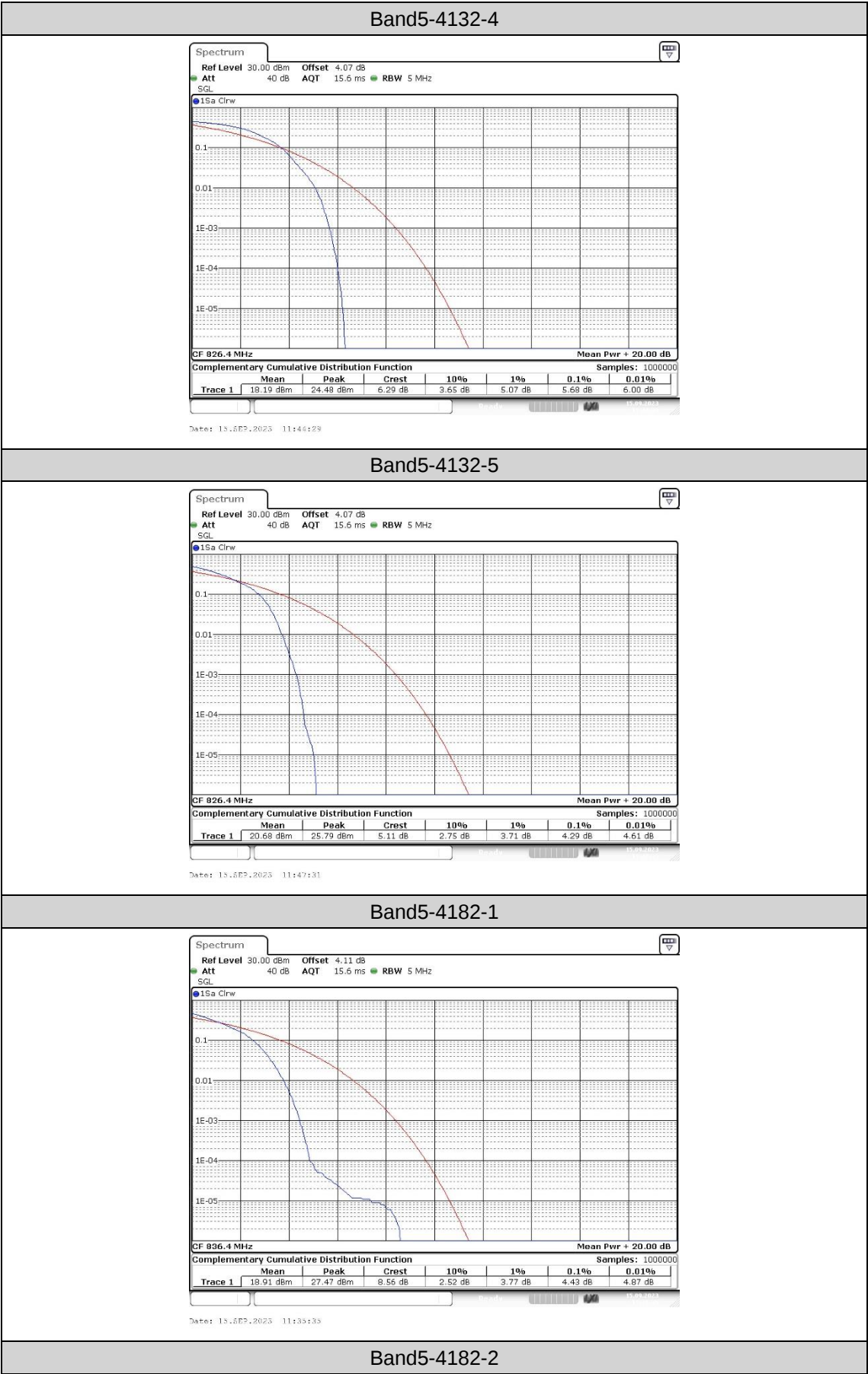
Band5-4233-1

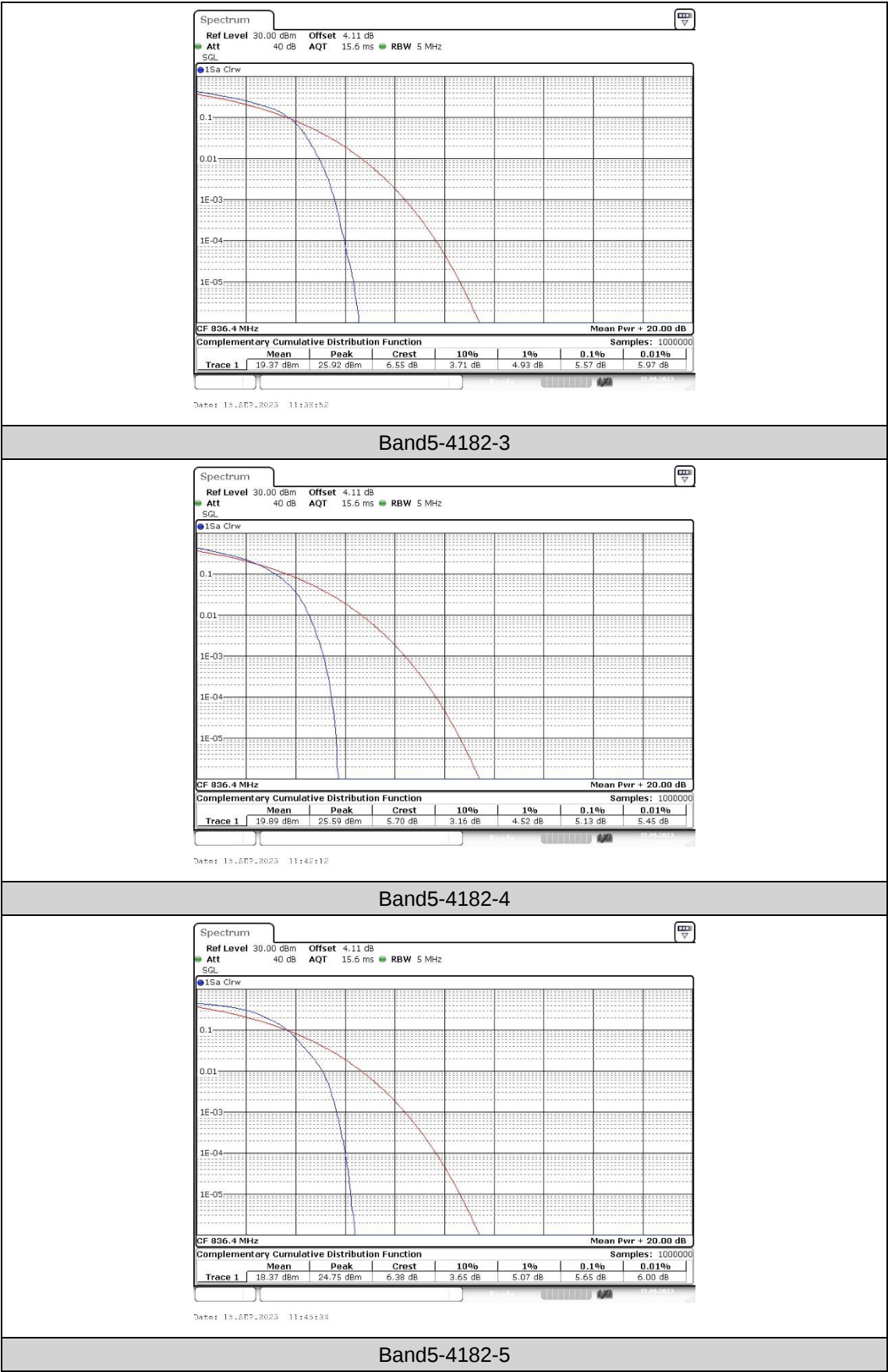


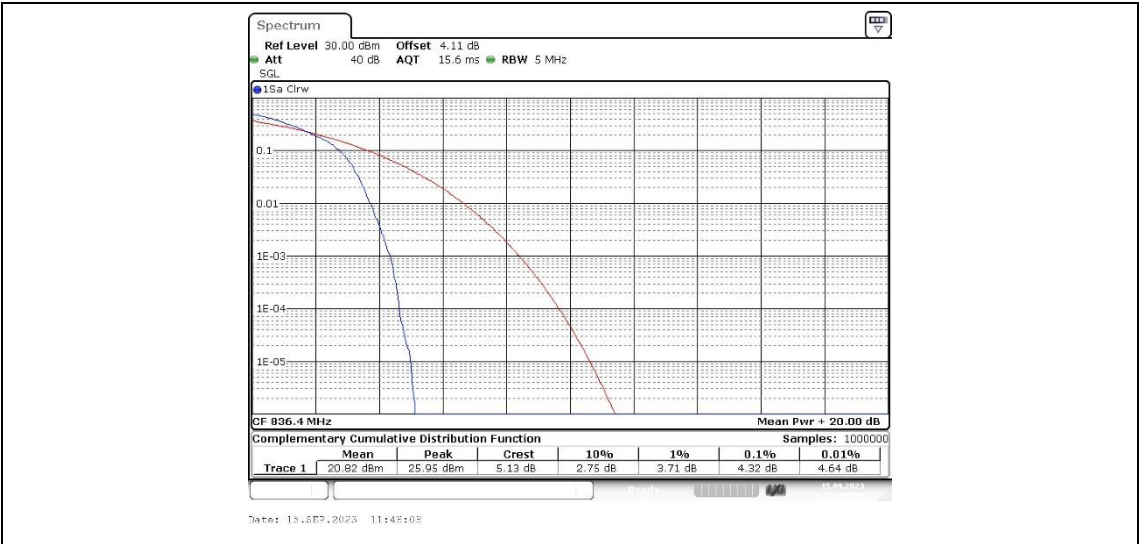
Band5-4233-2



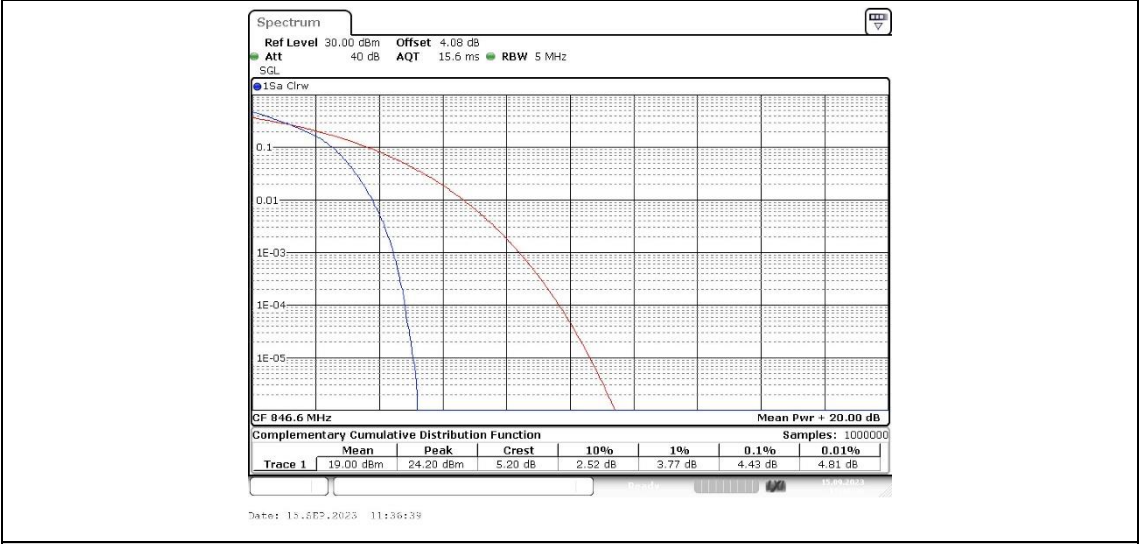




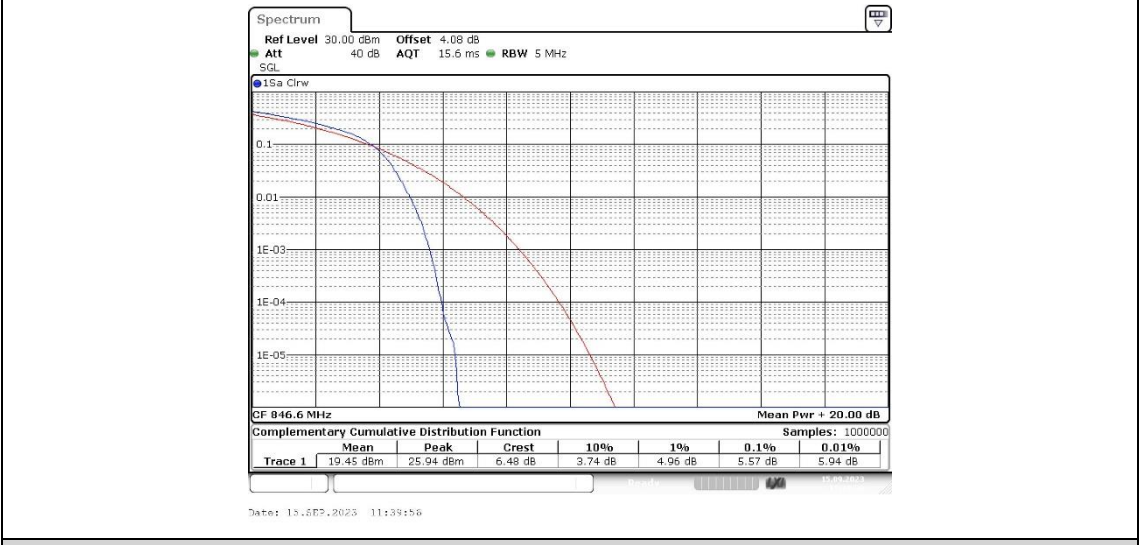




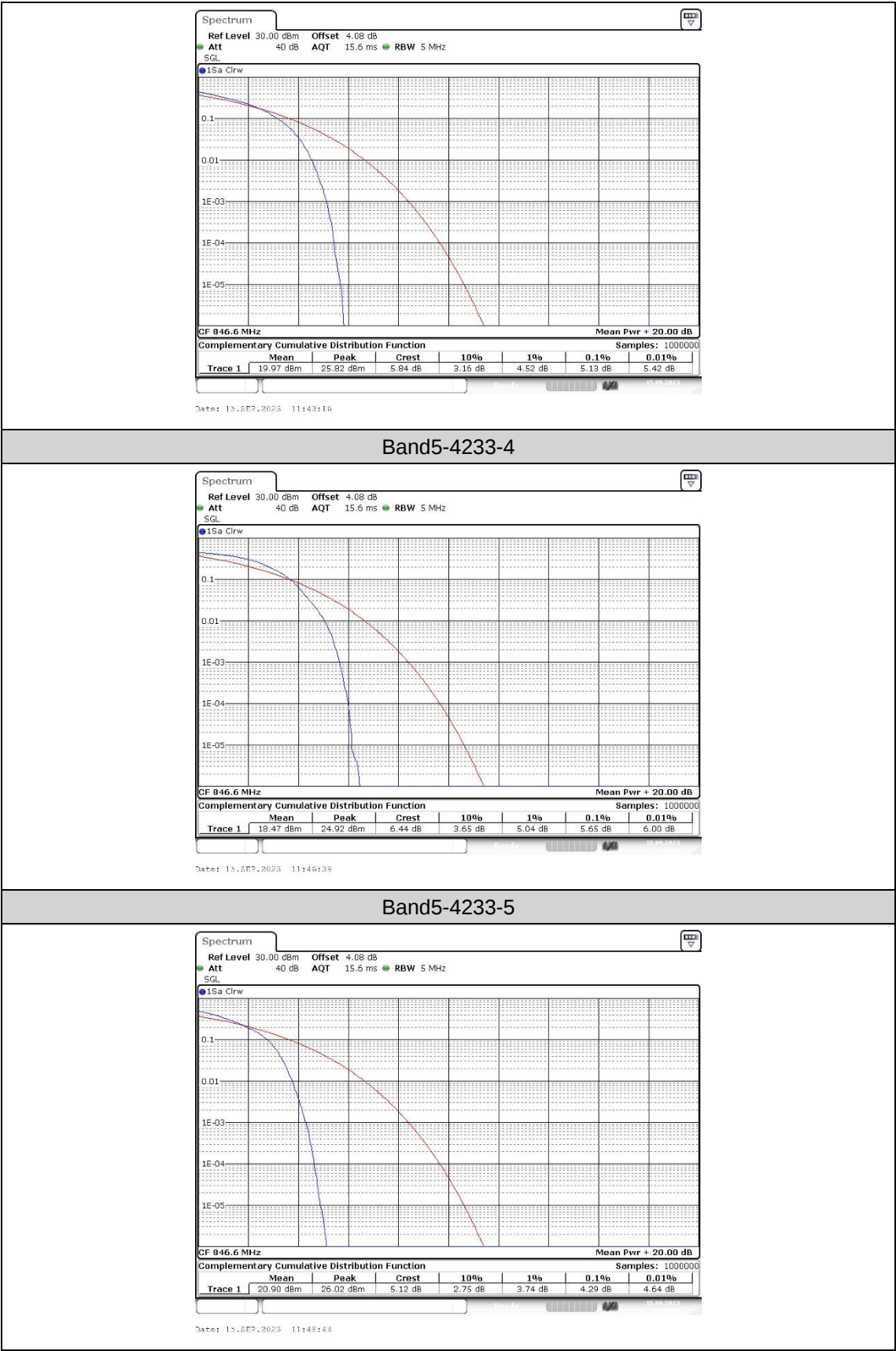
Band5-4233-1



Band5-4233-2



Band5-4233-3



AppendixC:26dB Bandwidth andOccupied Bandwidth

Test Result

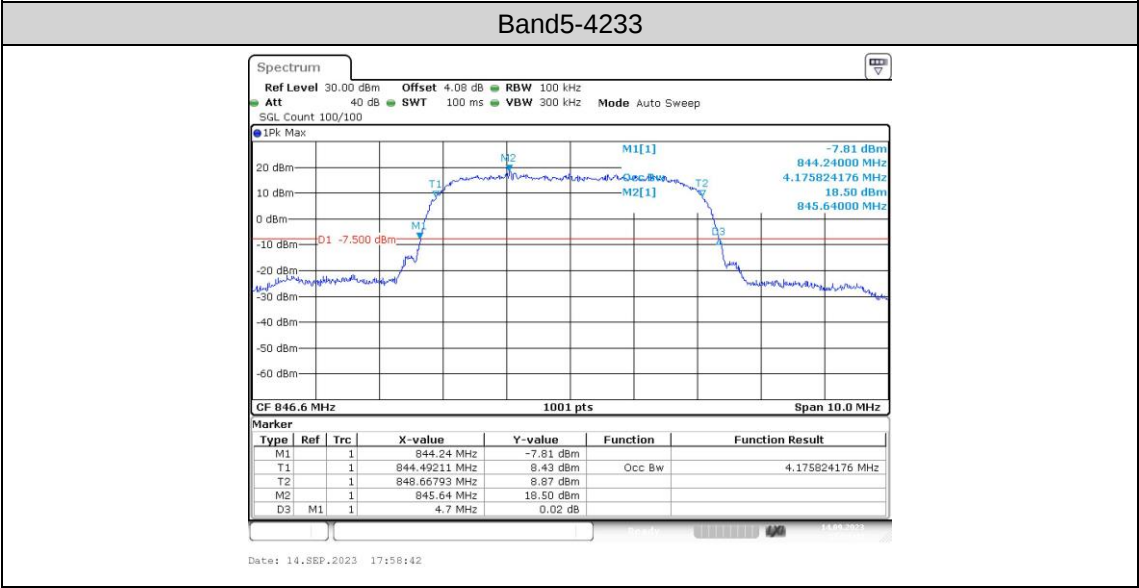
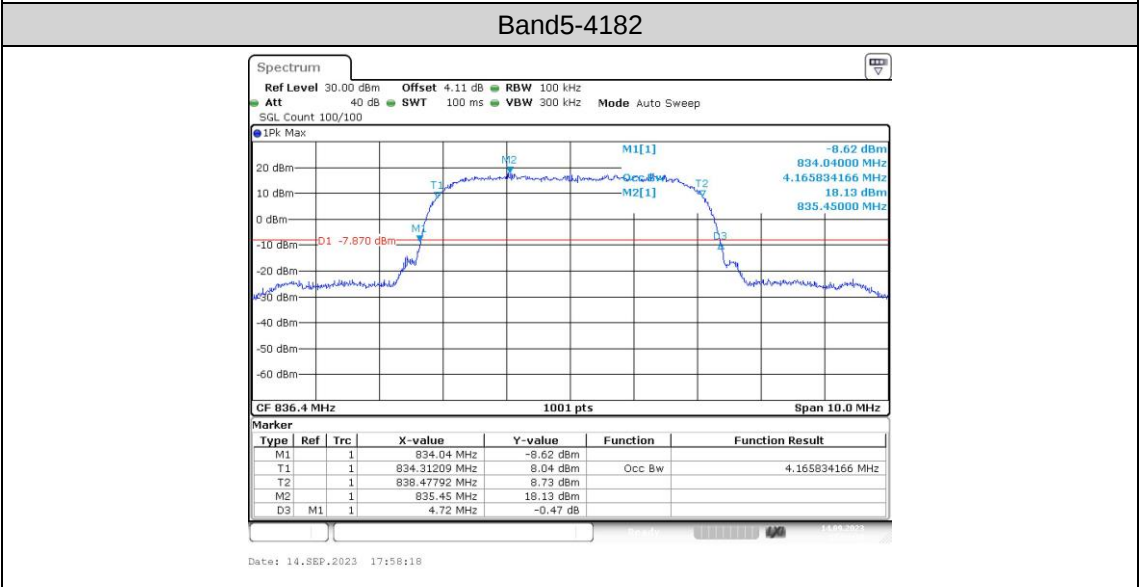
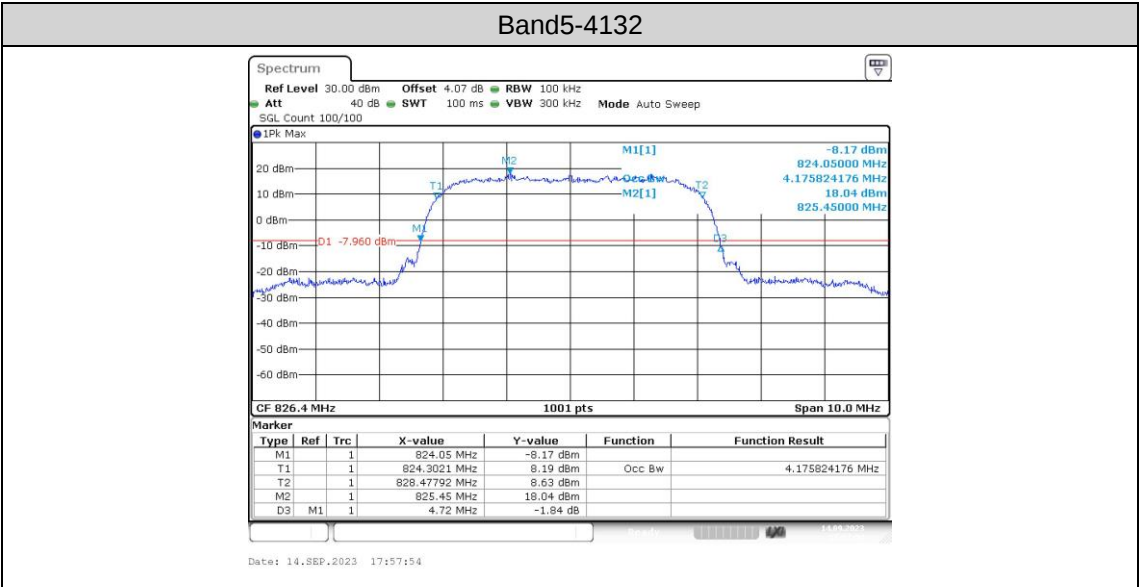
Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(MHz)	Verdict
Band5	4132	4.176	4.72	---	PASS
Band5	4182	4.166	4.72	---	PASS
Band5	4233	4.176	4.70	---	PASS

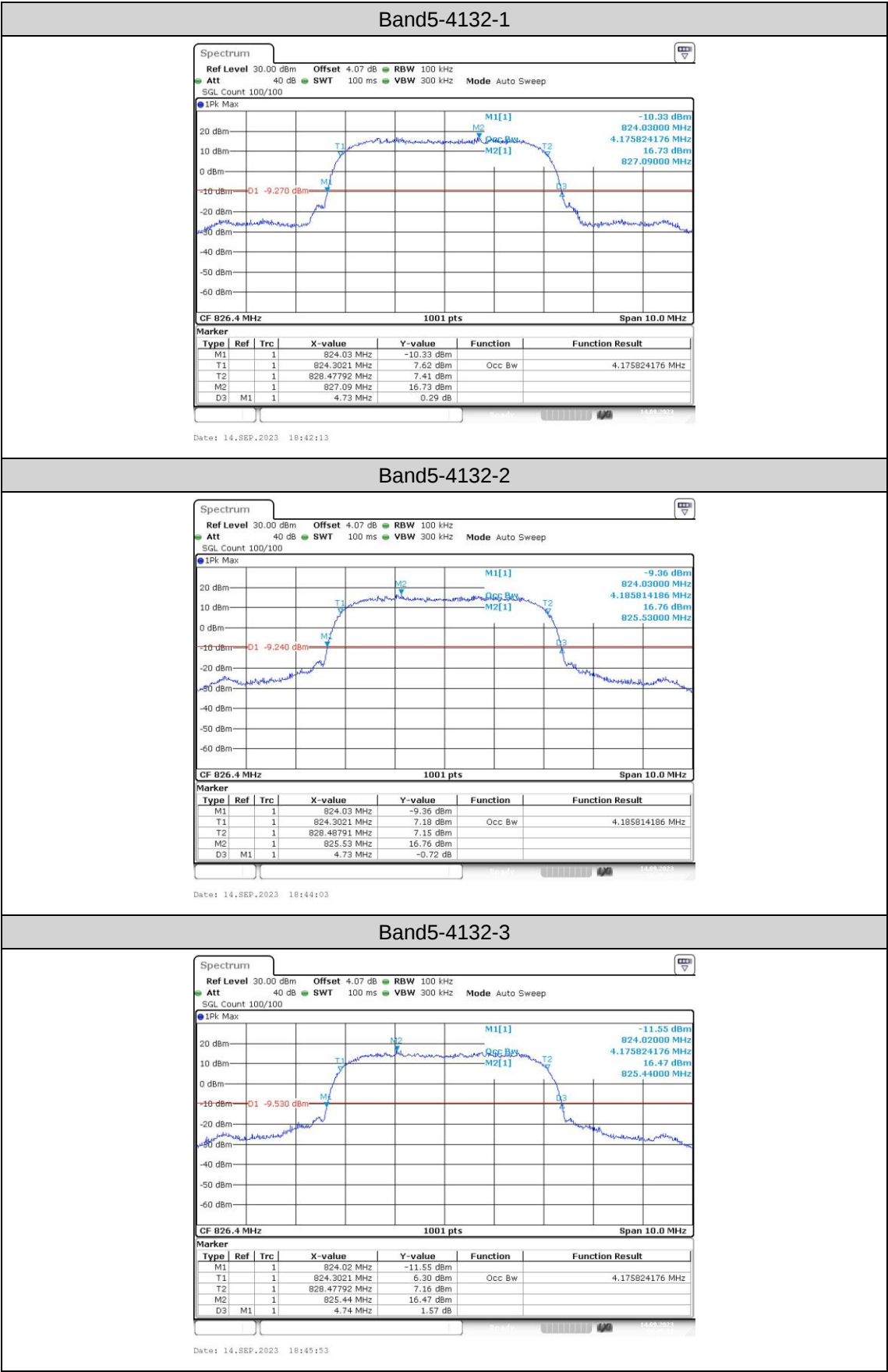
Band	Channel	SubTest	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(MHz)	Verdict
Band5	4132	1	4.176	4.73	---	PASS
Band5	4132	2	4.186	4.73	---	PASS
Band5	4132	3	4.176	4.74	---	PASS
Band5	4132	4	4.186	4.73	---	PASS
Band5	4182	1	4.166	4.73	---	PASS
Band5	4182	2	4.166	4.73	---	PASS
Band5	4182	3	4.176	4.73	---	PASS
Band5	4182	4	4.176	4.73	---	PASS
Band5	4233	1	4.166	4.72	---	PASS
Band5	4233	2	4.166	4.71	---	PASS
Band5	4233	3	4.176	4.73	---	PASS
Band5	4233	4	4.176	4.73	---	PASS

Band	Channel	SubTest	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(MHz)	Verdict
Band5	4132	1	4.196	4.75	---	PASS
Band5	4132	2	4.226	5.50	---	PASS
Band5	4132	3	4.206	5.35	---	PASS
Band5	4132	4	4.206	4.73	---	PASS
Band5	4132	5	4.206	5.39	---	PASS
Band5	4182	1	4.196	4.71	---	PASS
Band5	4182	2	4.206	5.35	---	PASS
Band5	4182	3	4.206	5.68	---	PASS
Band5	4182	4	4.186	4.73	---	PASS
Band5	4182	5	4.186	5.21	---	PASS
Band5	4233	1	4.186	4.73	---	PASS

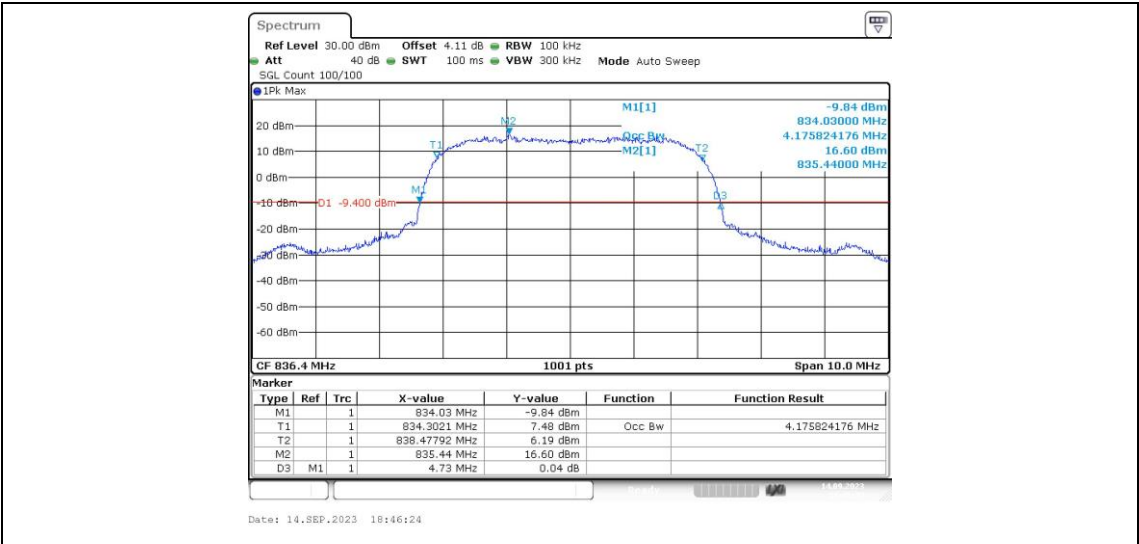
Band5	4233	2	4.196	4.72	---	PASS
Band5	4233	3	4.186	4.72	---	PASS
Band5	4233	4	4.196	5.39	---	PASS
Band5	4233	5	4.166	4.72	---	PASS

Test Graphs

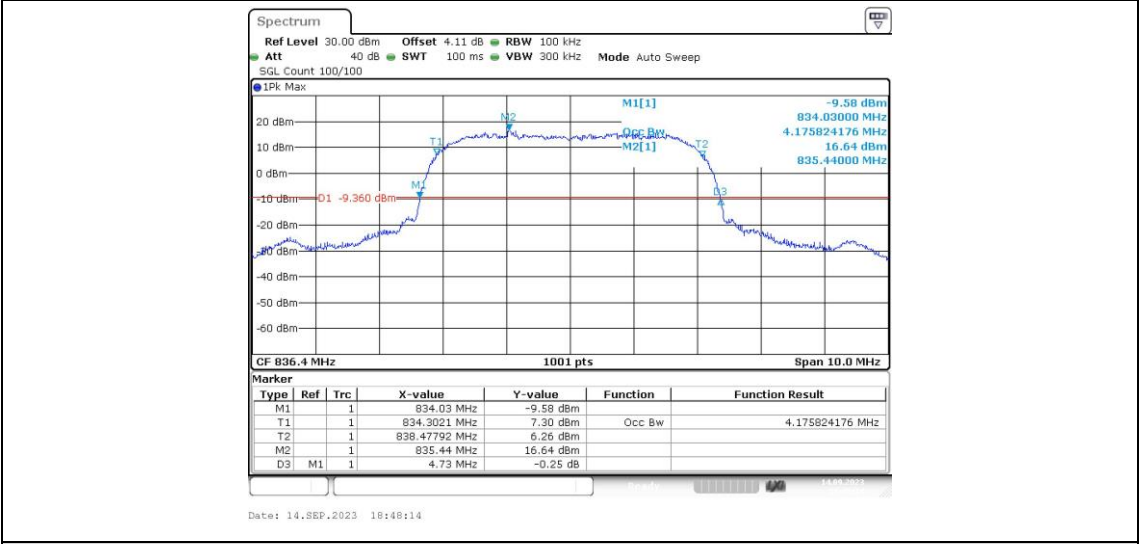




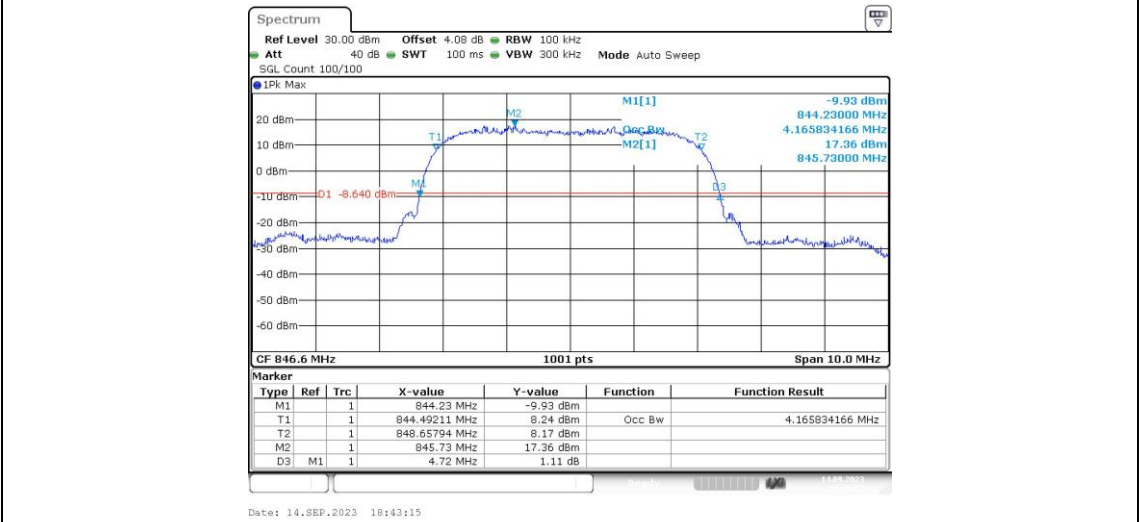




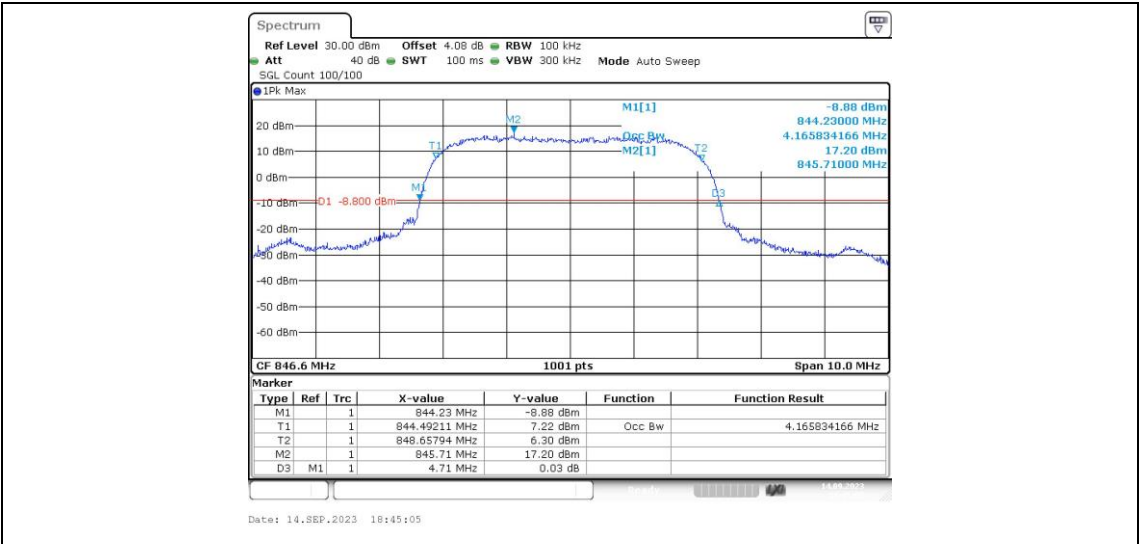
Band5-4182-4



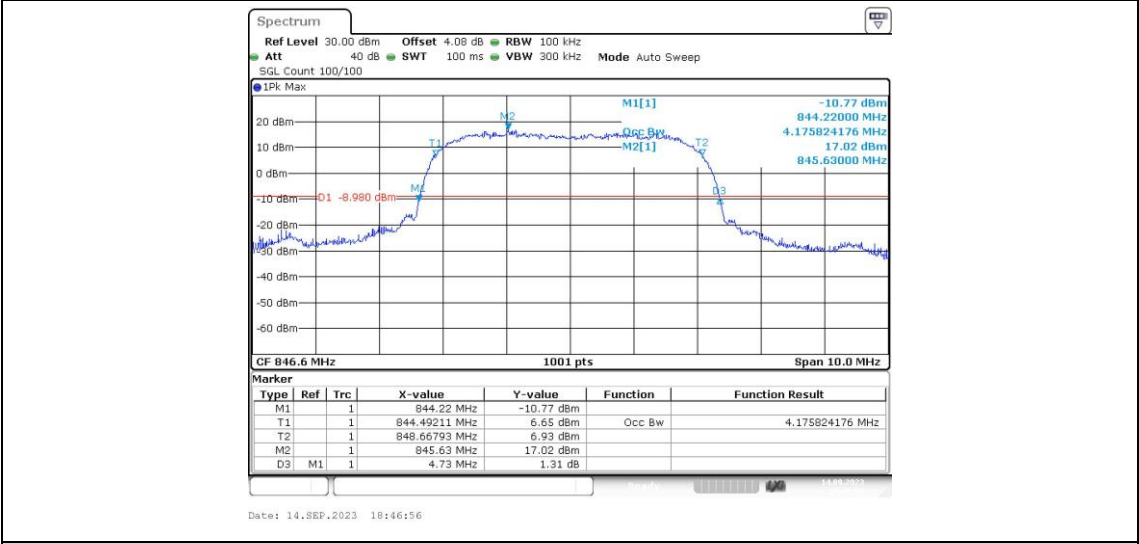
Band5-4233-1



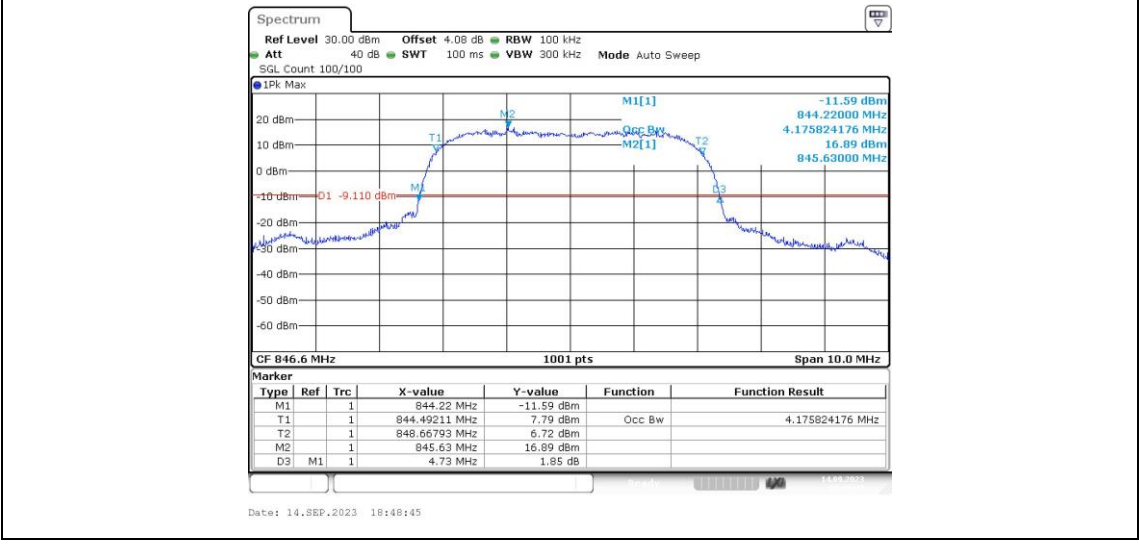
Band5-4233-2

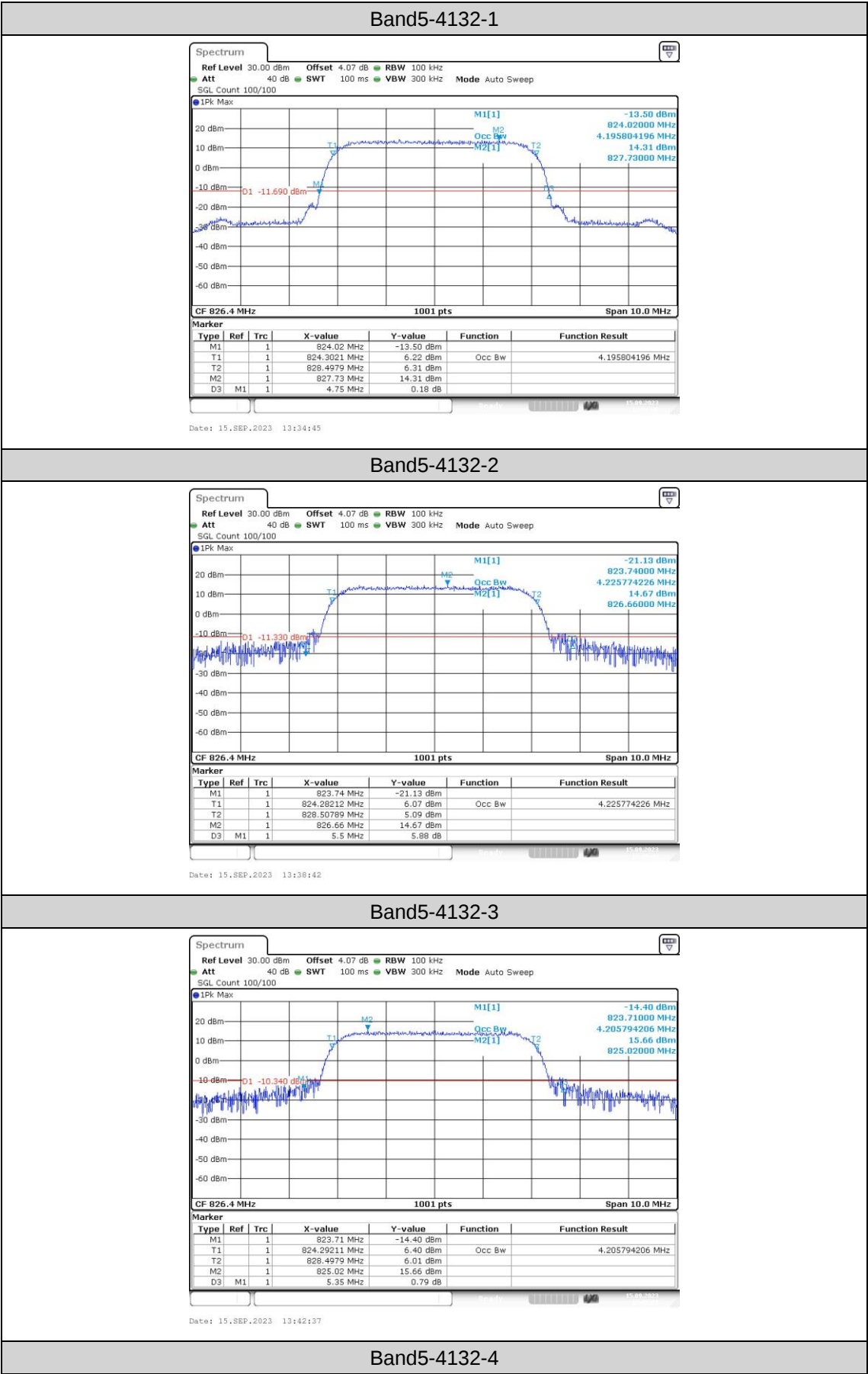


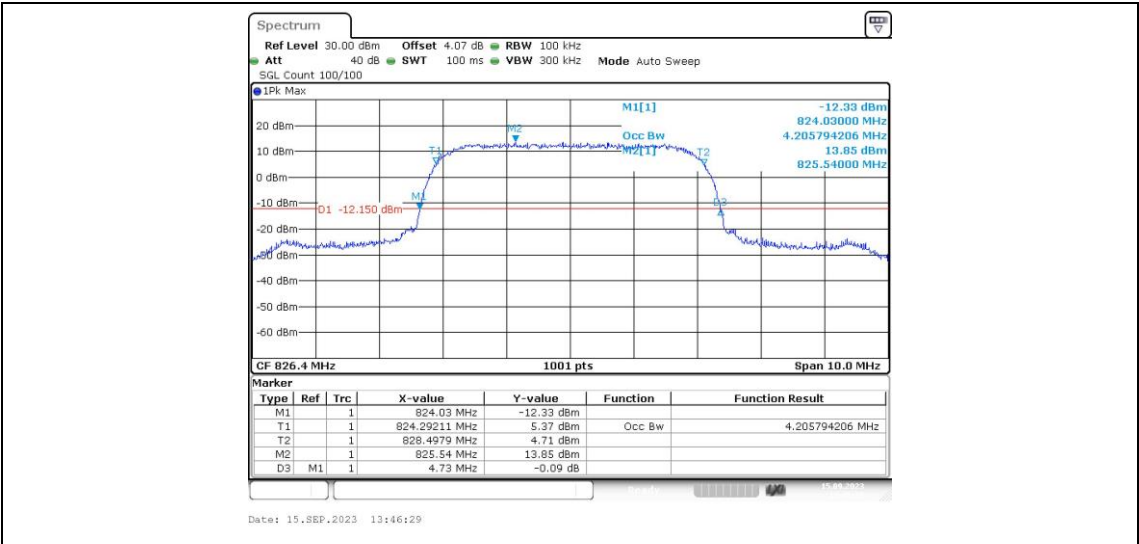
Band5-4233-3



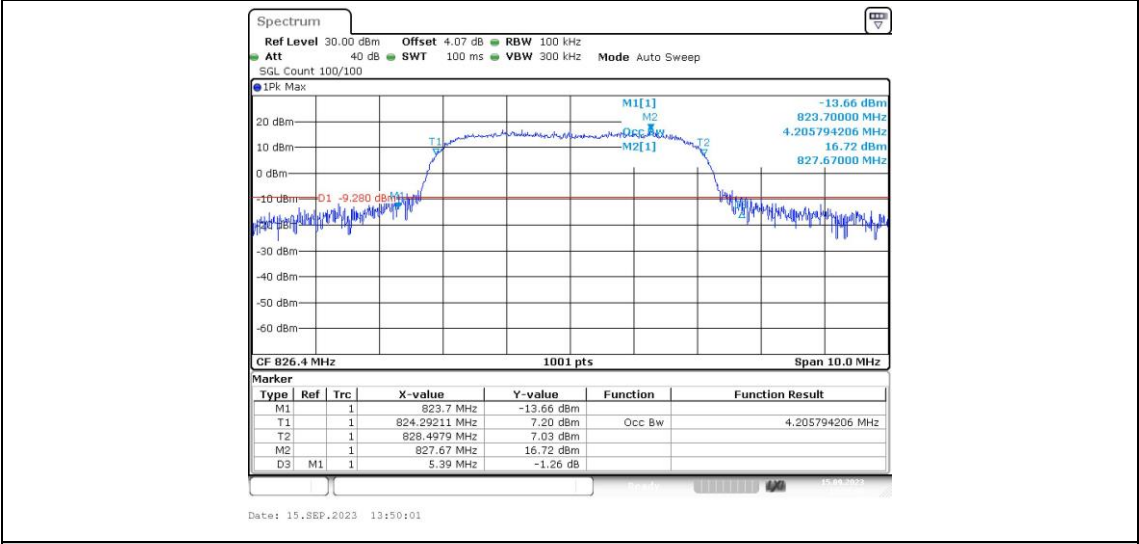
Band5-4233-4



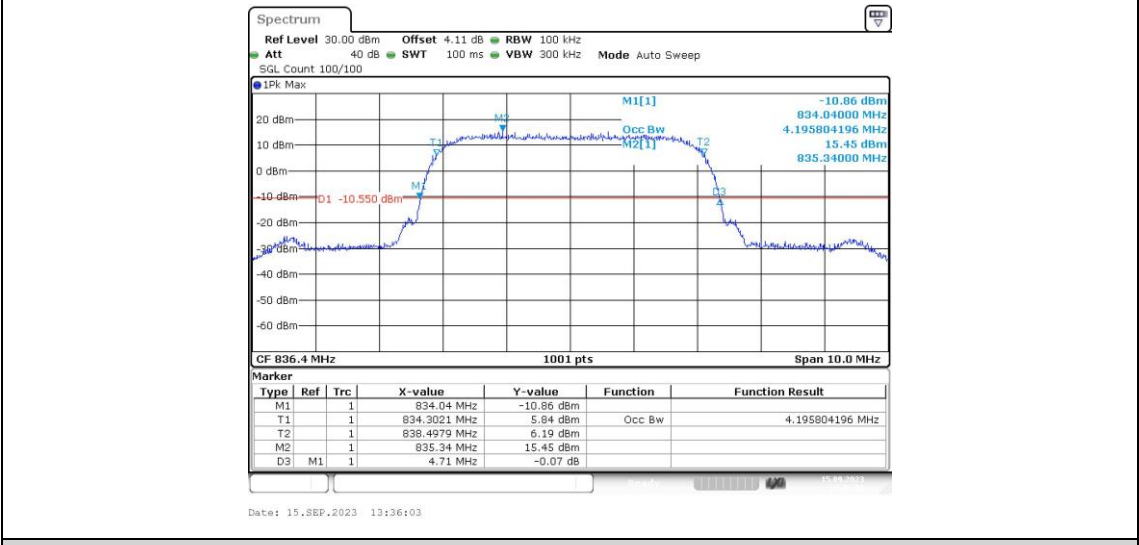




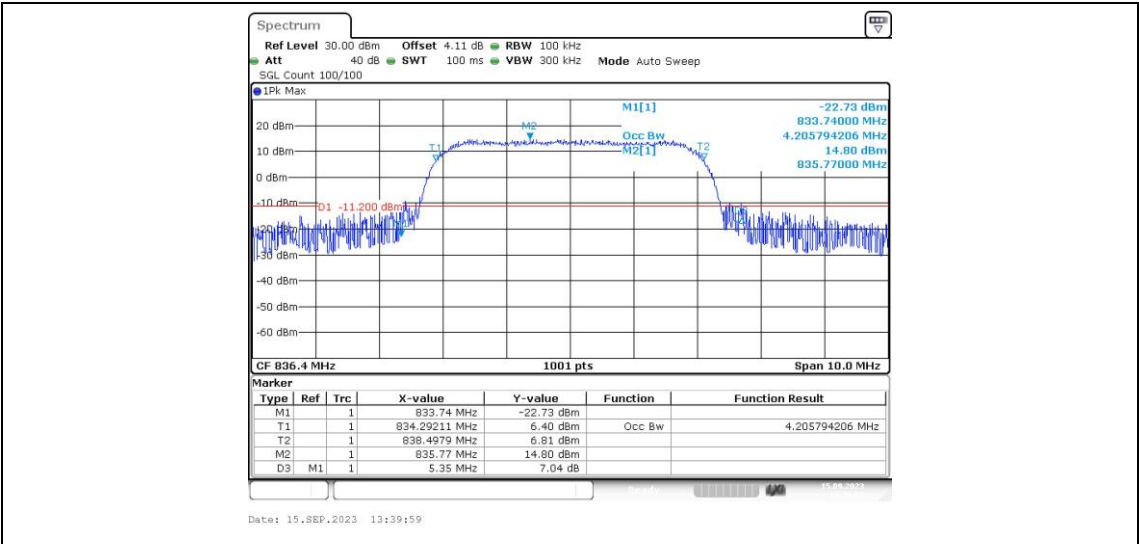
Band5-4132-5



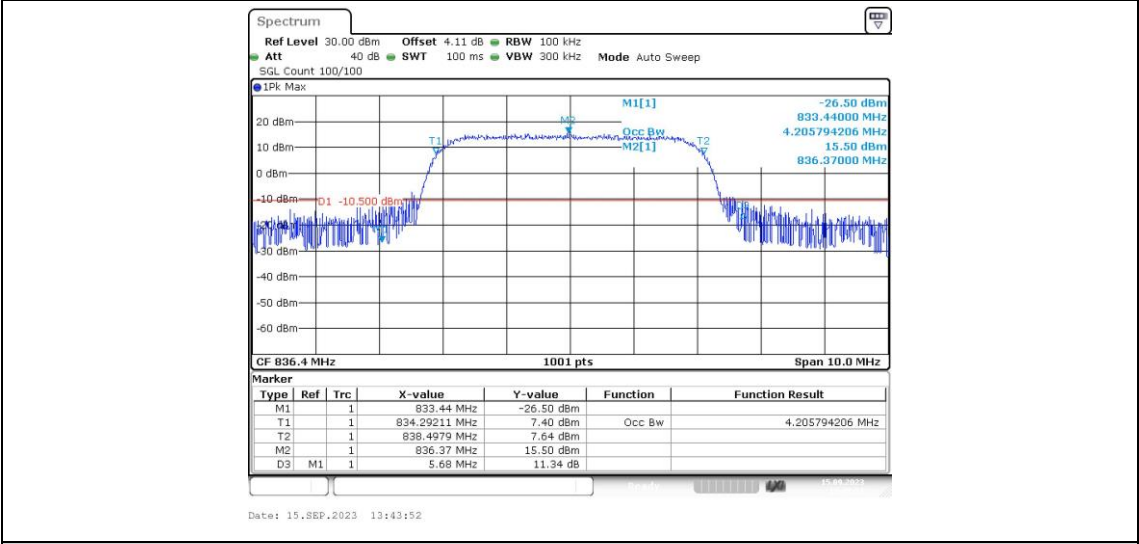
Band5-4182-1



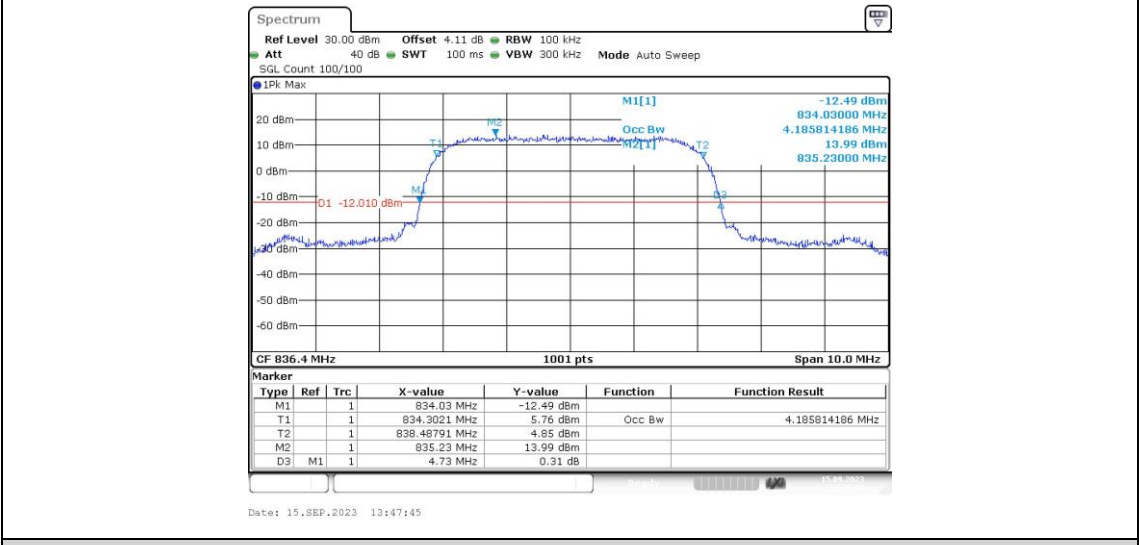
Band5-4182-2



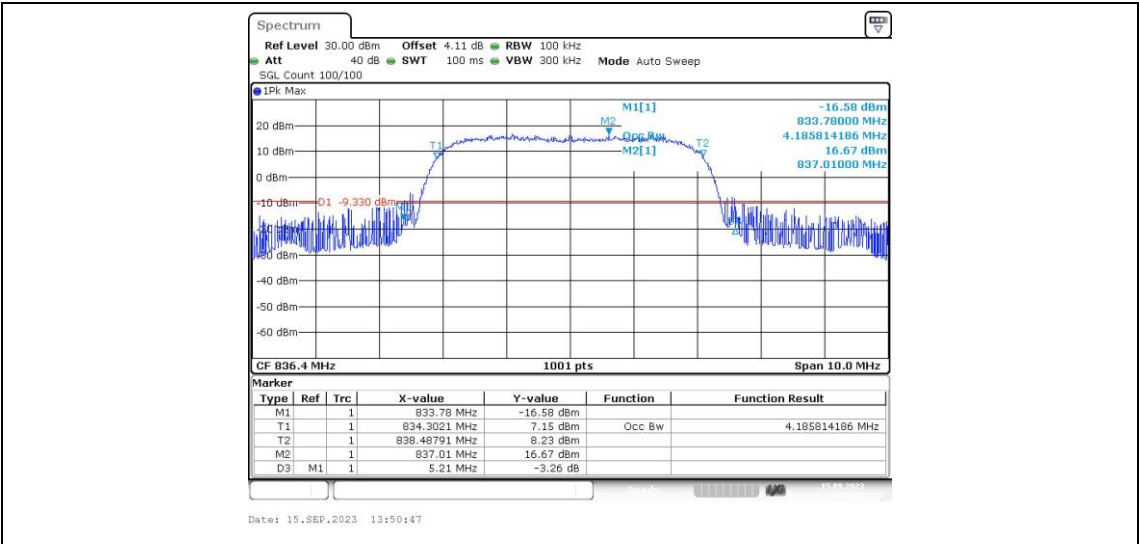
Band5-4182-3



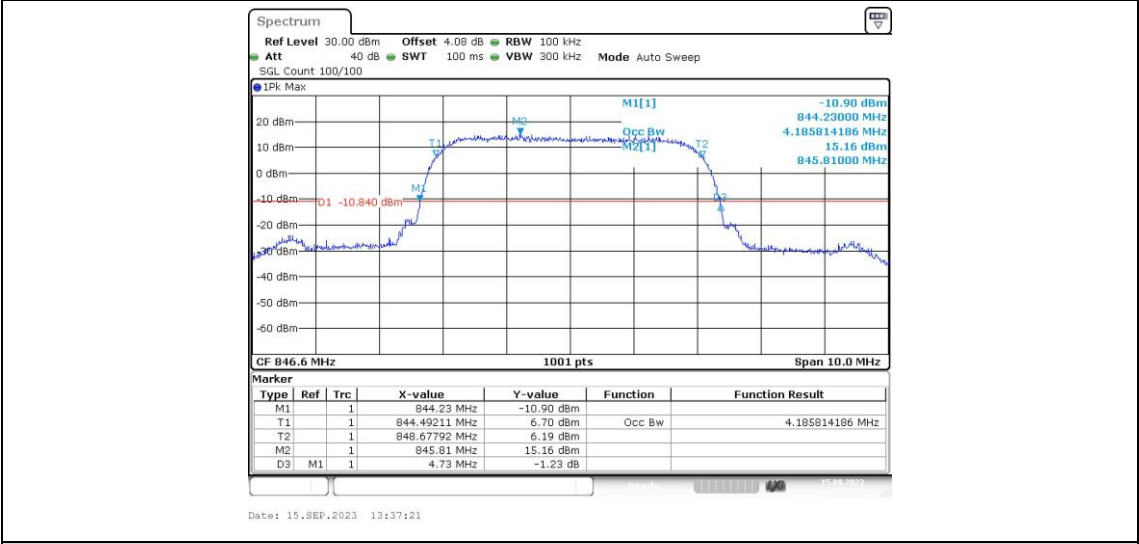
Band5-4182-4



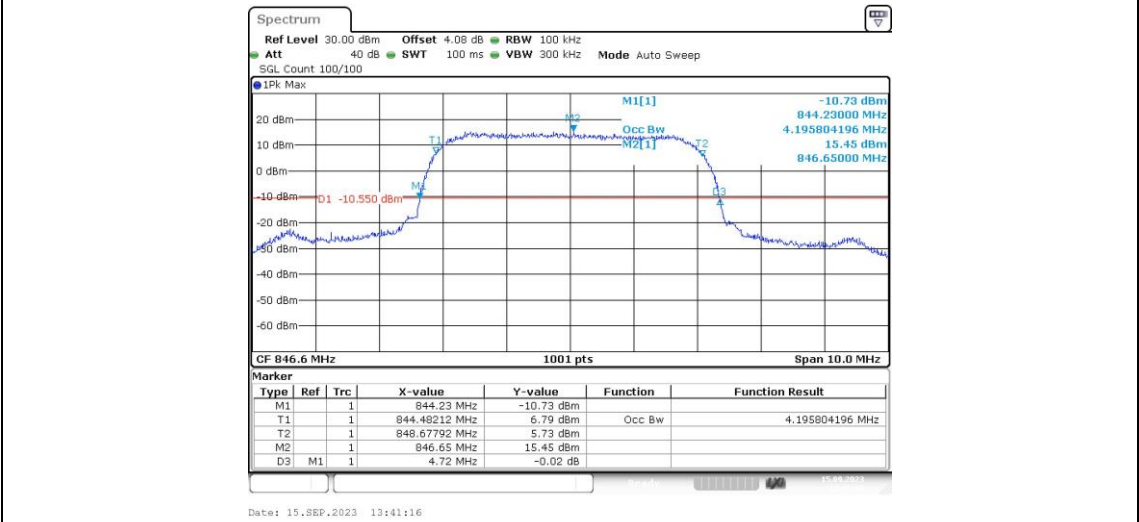
Band5-4182-5



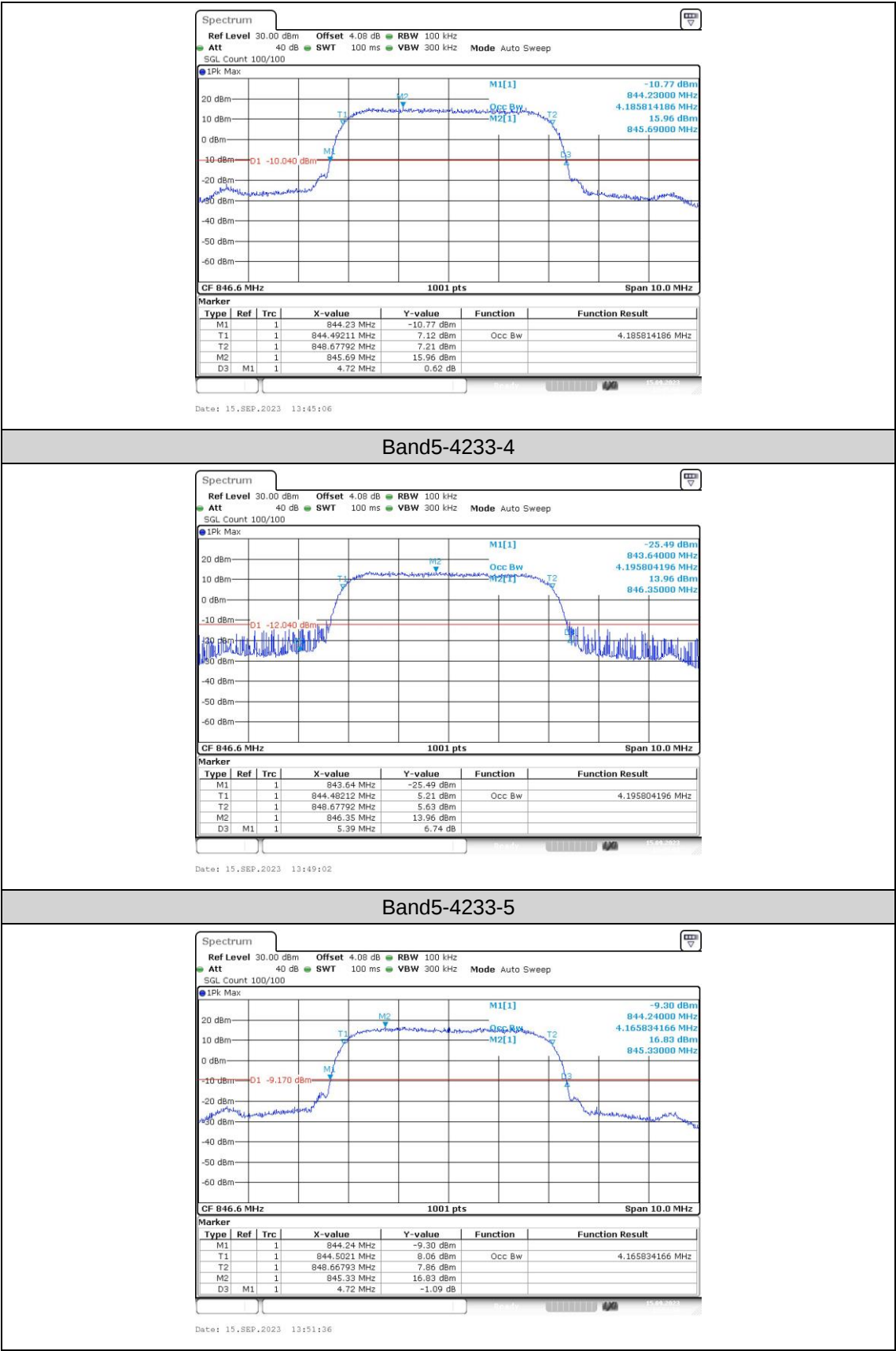
Band5-4233-1



Band5-4233-2



Band5-4233-3



AppendixD:Band Edge

Test Result

Band	Channel	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band5	4132	823.87	-25.19	-13	PASS
Band5	4233	849.15	-26.86	-13	PASS

Band	Channel	SubTest	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band5	4132	1	823.88	-25.53	-13	PASS
Band5	4132	2	823.87	-25.96	-13	PASS
Band5	4132	3	823.88	-26.09	-13	PASS
Band5	4132	4	823.86	-26.01	-13	PASS
Band5	4233	1	849.09	-26.96	-13	PASS
Band5	4233	2	849.12	-28.04	-13	PASS
Band5	4233	3	849.11	-27.73	-13	PASS
Band5	4233	4	849.12	-28.10	-13	PASS

Band	Channel	SubTest	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band5	4132	1	823.87	-27.71	-13	PASS
Band5	4132	2	823.81	-25.96	-13	PASS
Band5	4132	3	823.94	-24.40	-13	PASS
Band5	4132	4	823.90	-28.68	-13	PASS
Band5	4132	5	823.96	-23.40	-13	PASS
Band5	4233	1	849.13	-28.82	-13	PASS
Band5	4233	2	849.10	-28.72	-13	PASS
Band5	4233	3	849.14	-27.16	-13	PASS
Band5	4233	4	849.02	-29.01	-13	PASS
Band5	4233	5	849.11	-26.81	-13	PASS

Test Graphs

