

Appendix for WCDMA Band 2

Product Name: Wireless data terminal

Model No: SC55G

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Appendix A: Average Power Output Data

Test Result

WCMDA

Band	Channel	Power(dBm)	Verdict
Band2	9262	21.78	PASS
Band2	9400	21.99	PASS
Band2	9538	22.10	PASS

HSDPA

Band	Channel	SubTest	Power(dBm)	Verdict
Band2	9262	1	20.73	PASS
Band2	9262	2	20.34	PASS
Band2	9262	3	20.35	PASS
Band2	9262	4	20.35	PASS
Band2	9400	1	20.96	PASS
Band2	9400	2	20.42	PASS
Band2	9400	3	20.43	PASS
Band2	9400	4	20.43	PASS
Band2	9538	1	21.08	PASS
Band2	9538	2	20.54	PASS
Band2	9538	3	20.53	PASS
Band2	9538	4	20.53	PASS

HSUPA

Band	Channel	SubTest	Power(dBm)	Verdict
Band2	9262	1	20.75	PASS
Band2	9262	2	20.58	PASS
Band2	9262	3	20.80	PASS
Band2	9262	4	20.67	PASS
Band2	9262	5	20.72	PASS
Band2	9400	1	20.96	PASS
Band2	9400	2	20.47	PASS
Band2	9400	3	20.49	PASS
Band2	9400	4	20.48	PASS
Band2	9400	5	20.97	PASS

Band2	9538	1	20.48	PASS
Band2	9538	2	20.60	PASS
Band2	9538	3	20.40	PASS
Band2	9538	4	20.60	PASS
Band2	9538	5	21.06	PASS

AppendixB:Peak-to-Average Ratio

Test Result

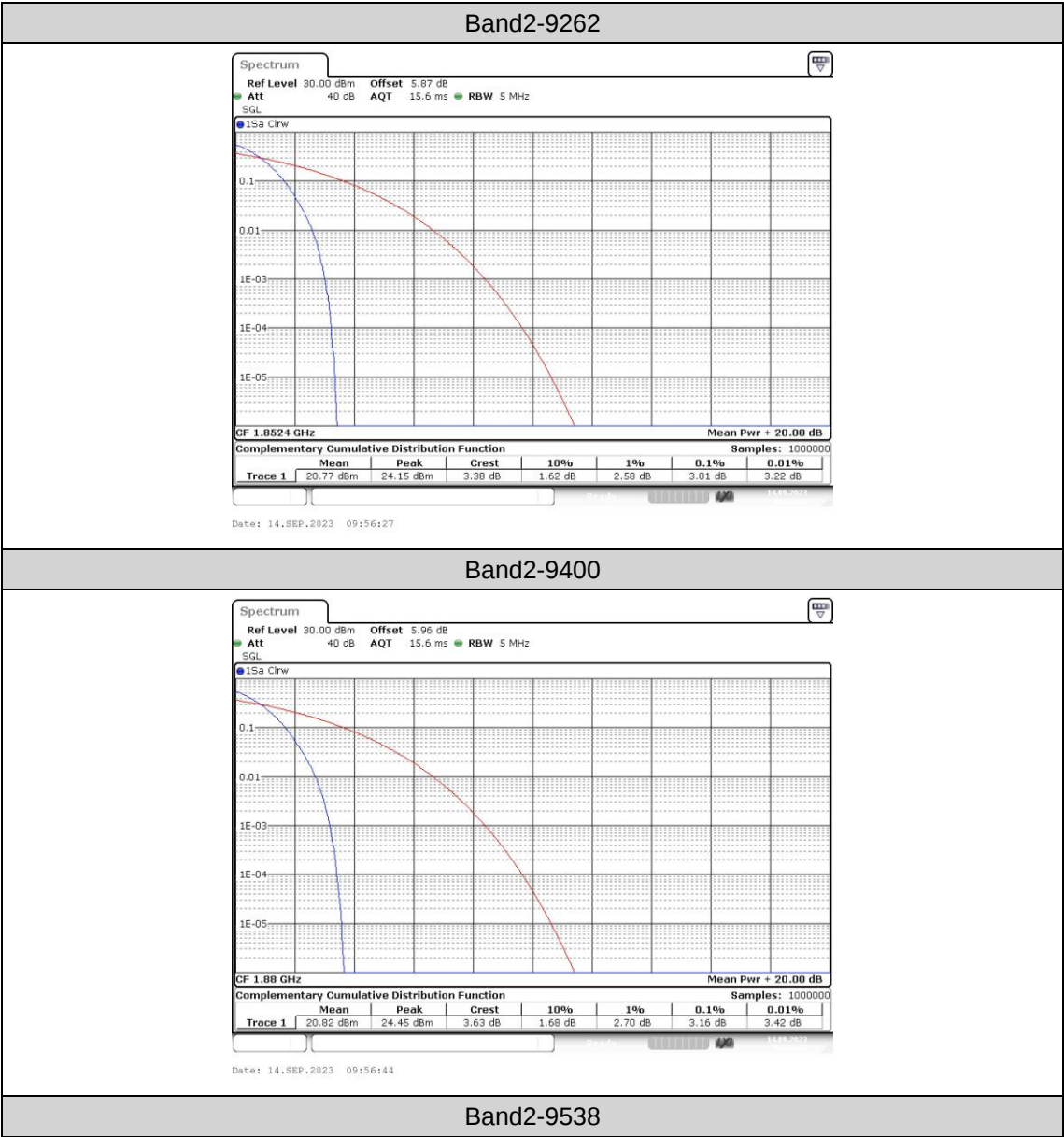
Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9262	3.01	13	PASS
Band2	9400	3.16	13	PASS
Band2	9538	3.01	13	PASS

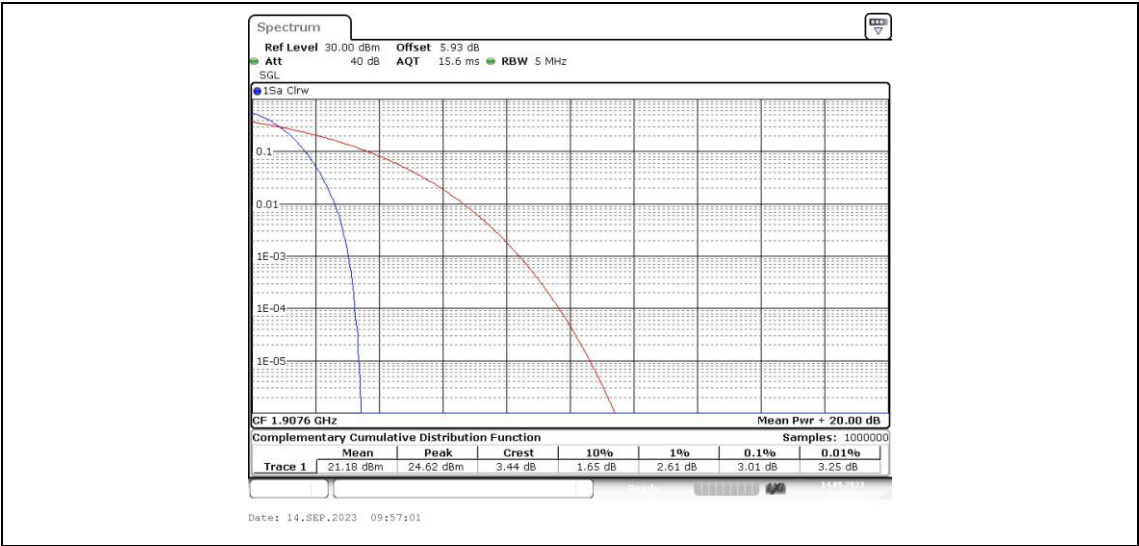
Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9262	1	3.16	13	PASS
Band2	9262	2	3.36	13	PASS
Band2	9262	3	3.54	13	PASS
Band2	9262	4	3.59	13	PASS
Band2	9400	1	3.33	13	PASS
Band2	9400	2	3.51	13	PASS
Band2	9400	3	3.65	13	PASS
Band2	9400	4	3.68	13	PASS
Band2	9538	1	3.22	13	PASS
Band2	9538	2	3.51	13	PASS
Band2	9538	3	3.71	13	PASS
Band2	9538	4	3.74	13	PASS

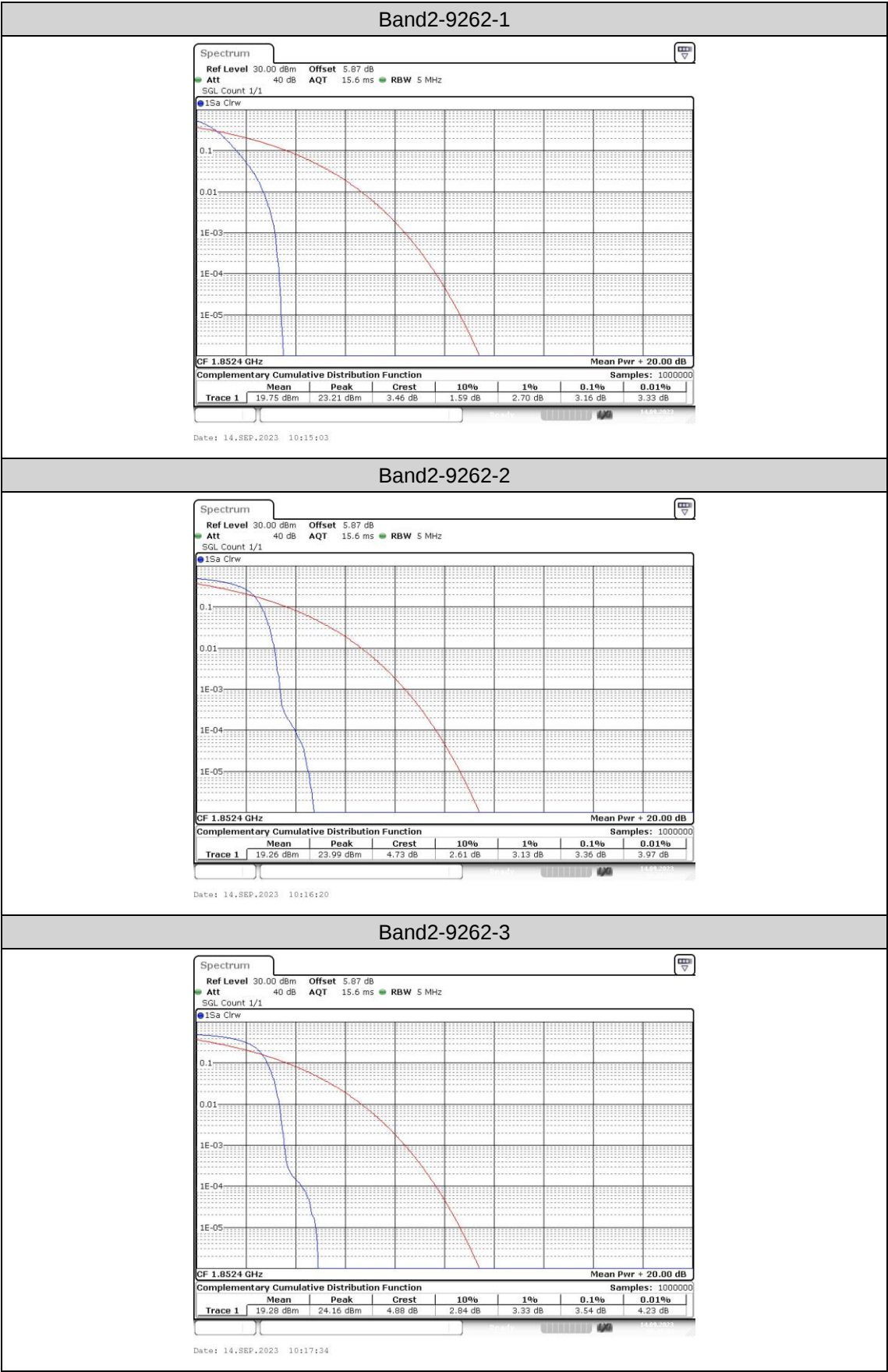
Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9262	1	4.29	13	PASS
Band2	9262	2	5.39	13	PASS
Band2	9262	3	4.93	13	PASS
Band2	9262	4	5.51	13	PASS
Band2	9262	5	4.17	13	PASS
Band2	9400	1	4.38	13	PASS
Band2	9400	2	5.54	13	PASS
Band2	9400	3	5.07	13	PASS
Band2	9400	4	5.62	13	PASS
Band2	9400	5	4.35	13	PASS
Band2	9538	1	4.38	13	PASS
Band2	9538	2	5.48	13	PASS
Band2	9538	3	5.04	13	PASS

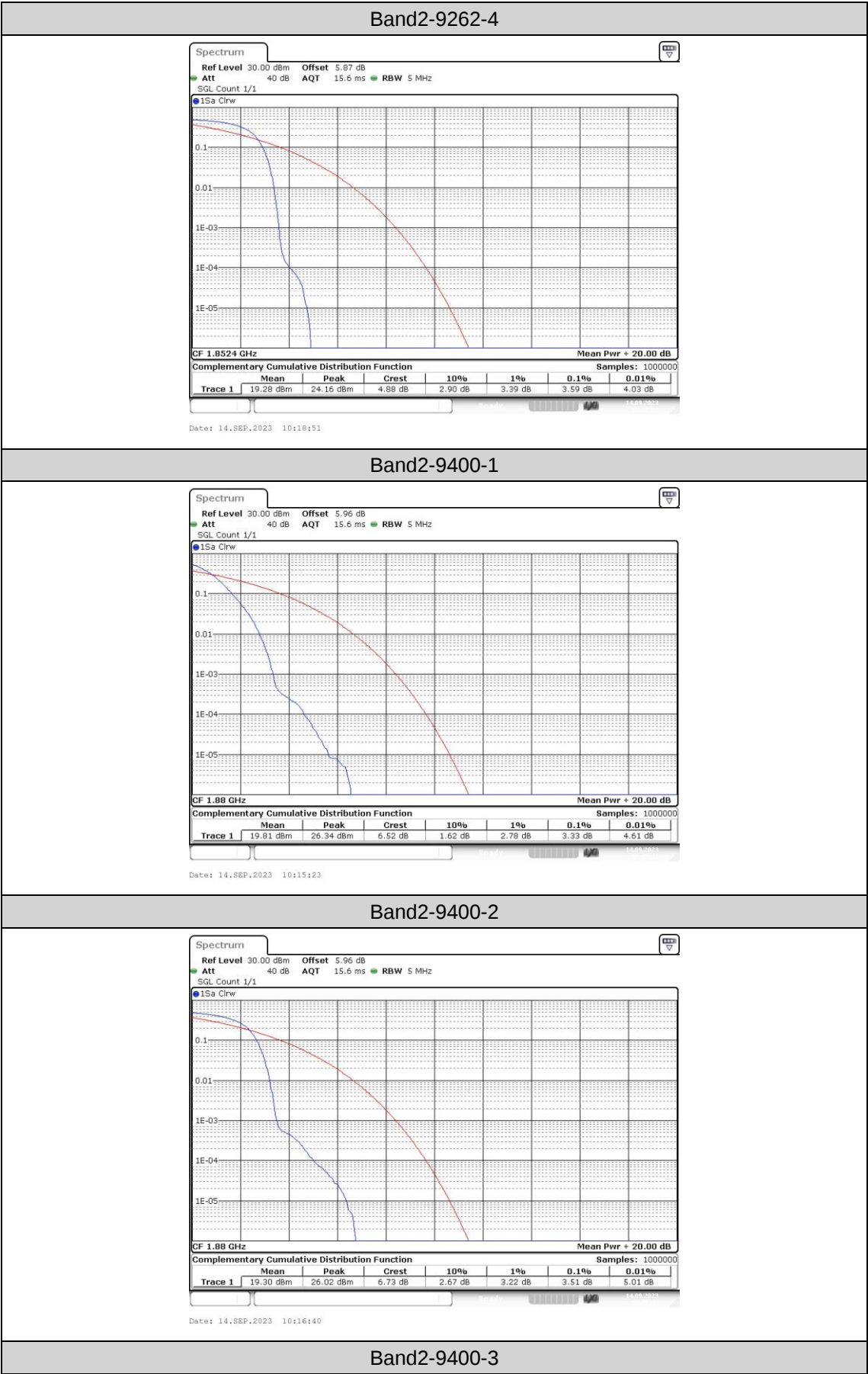
Band2	9538	4	5.62	13	PASS
Band2	9538	5	4.26	13	PASS

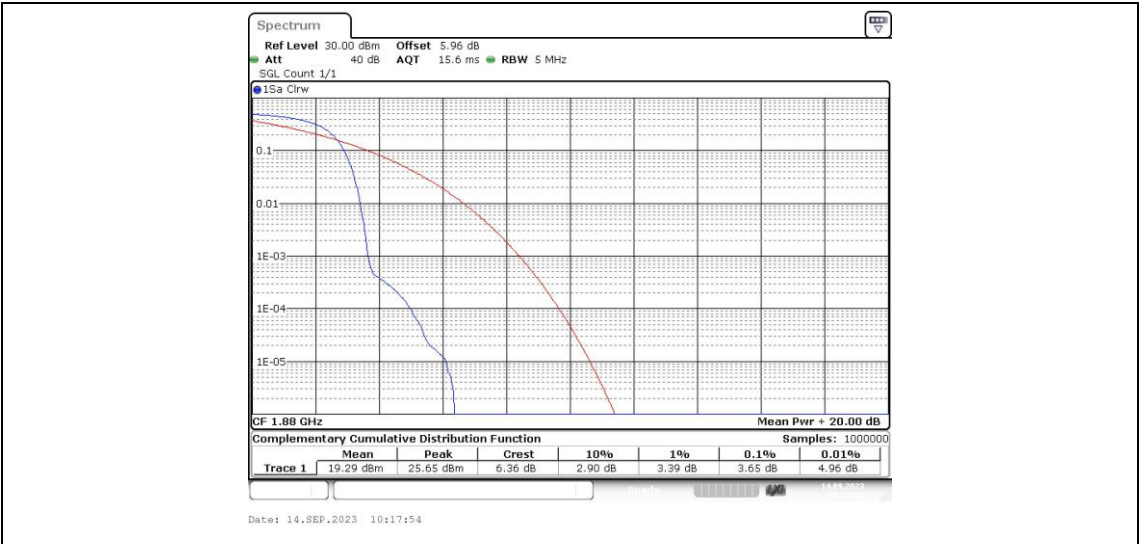
Test Graphs



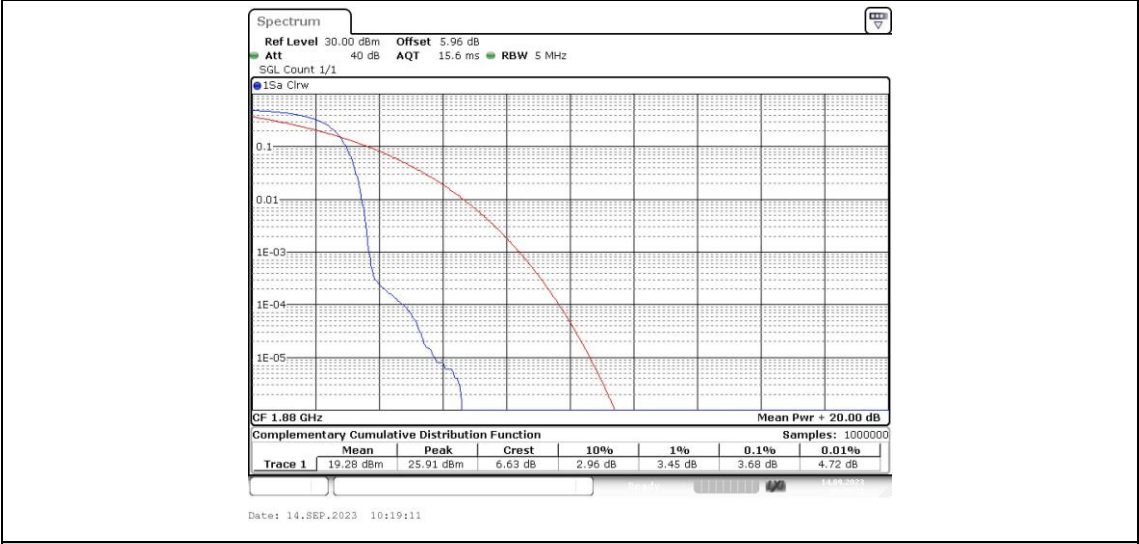




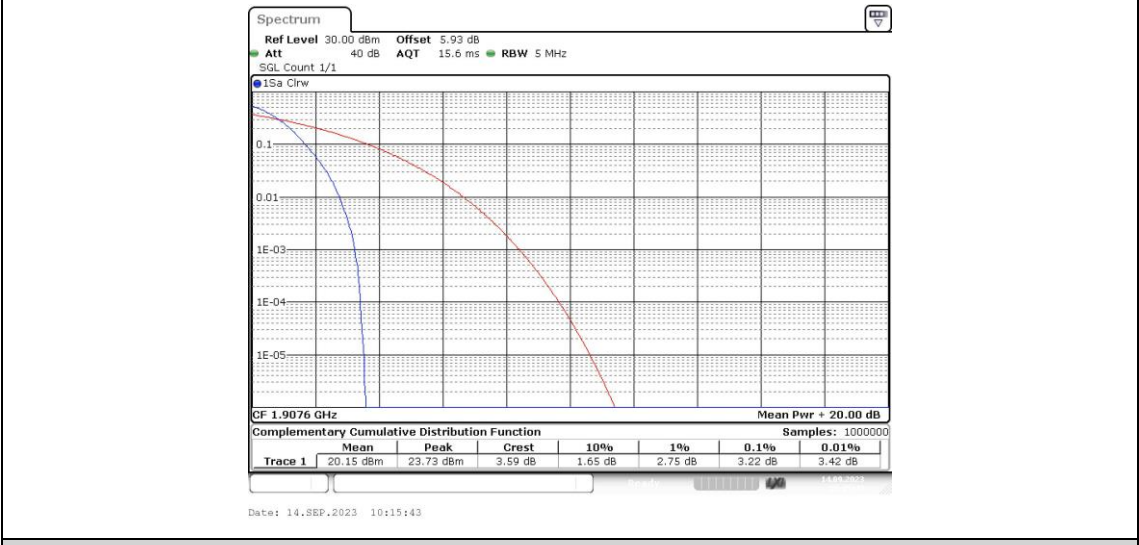




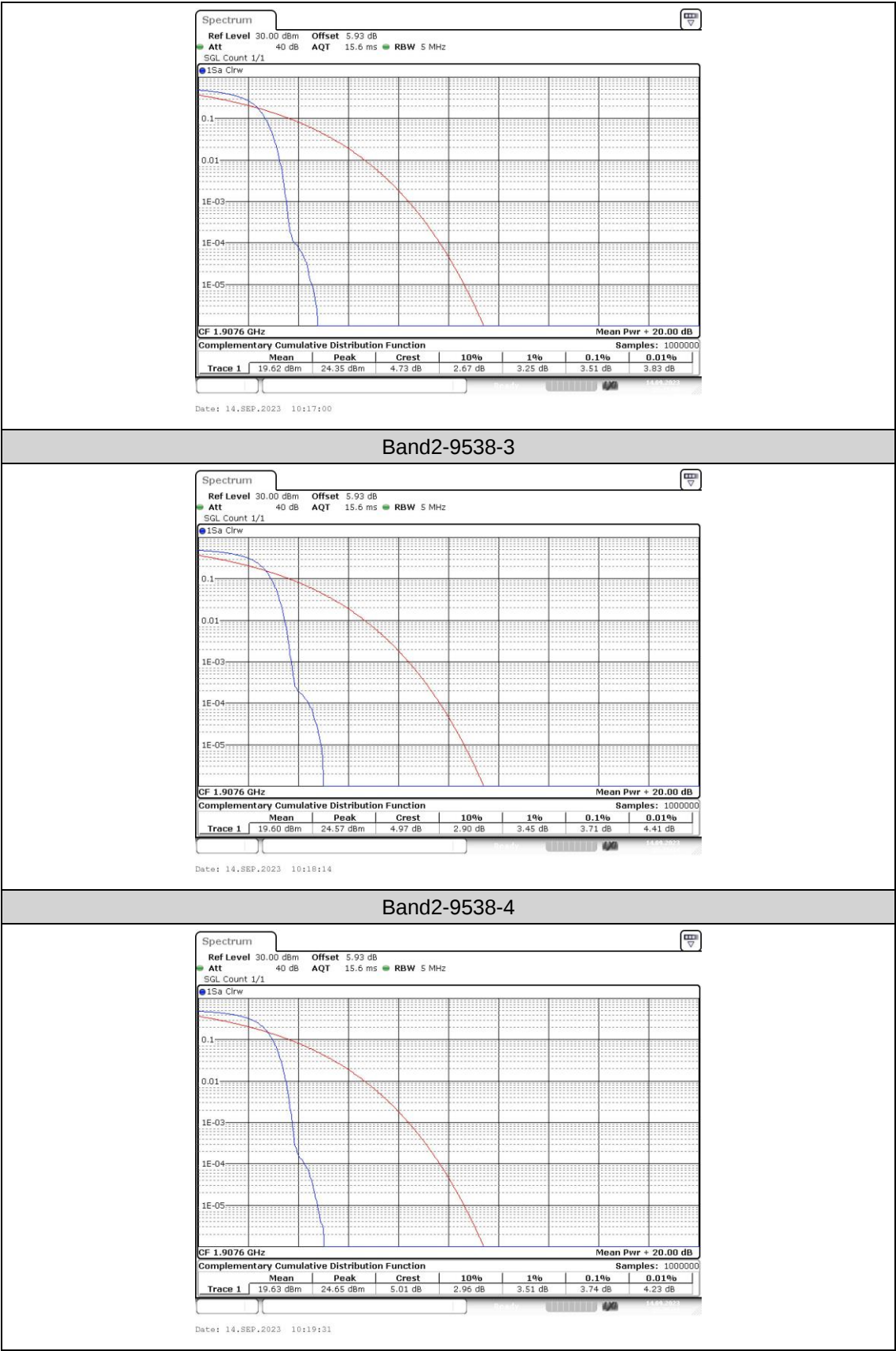
Band2-9400-4

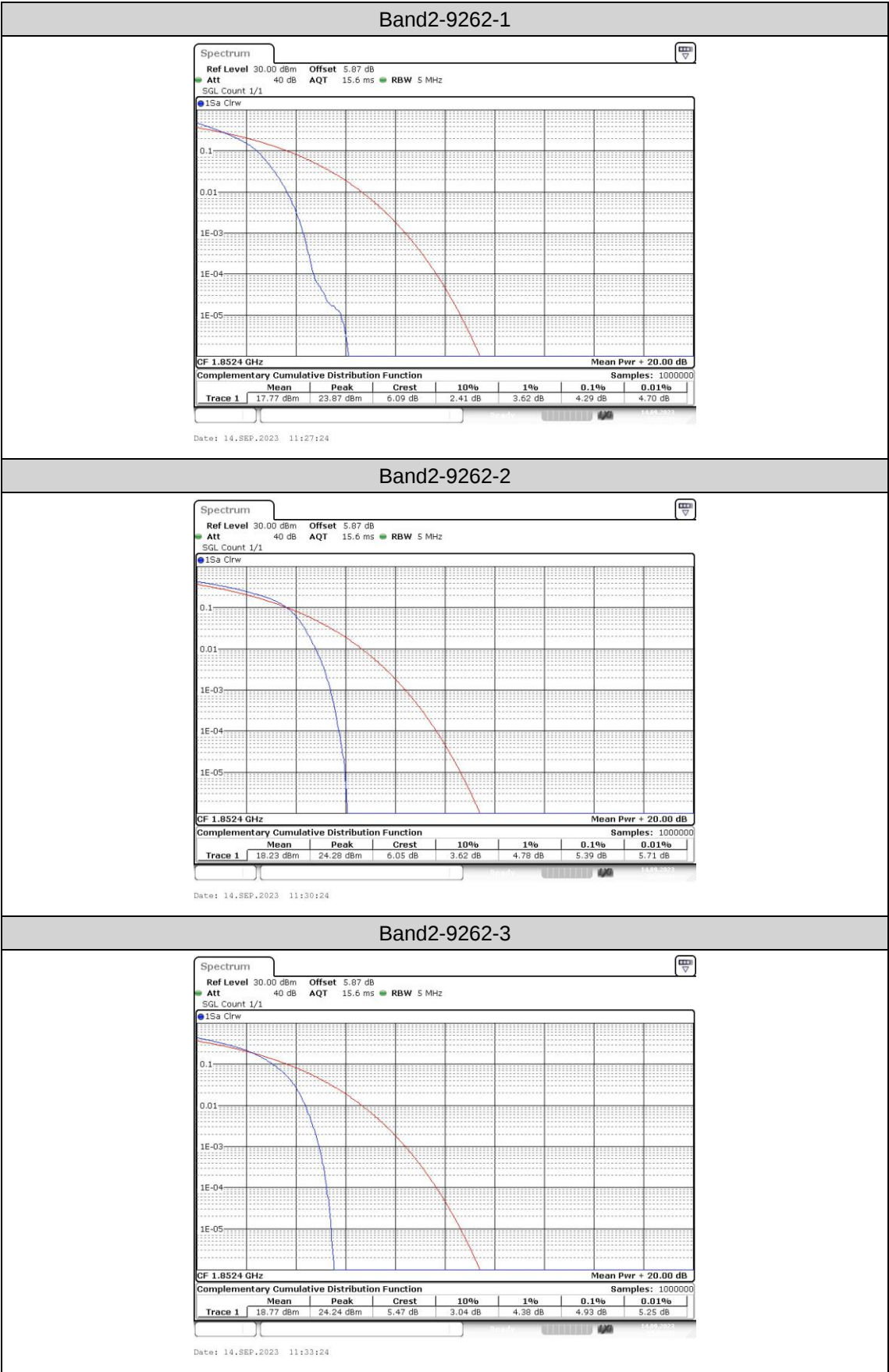


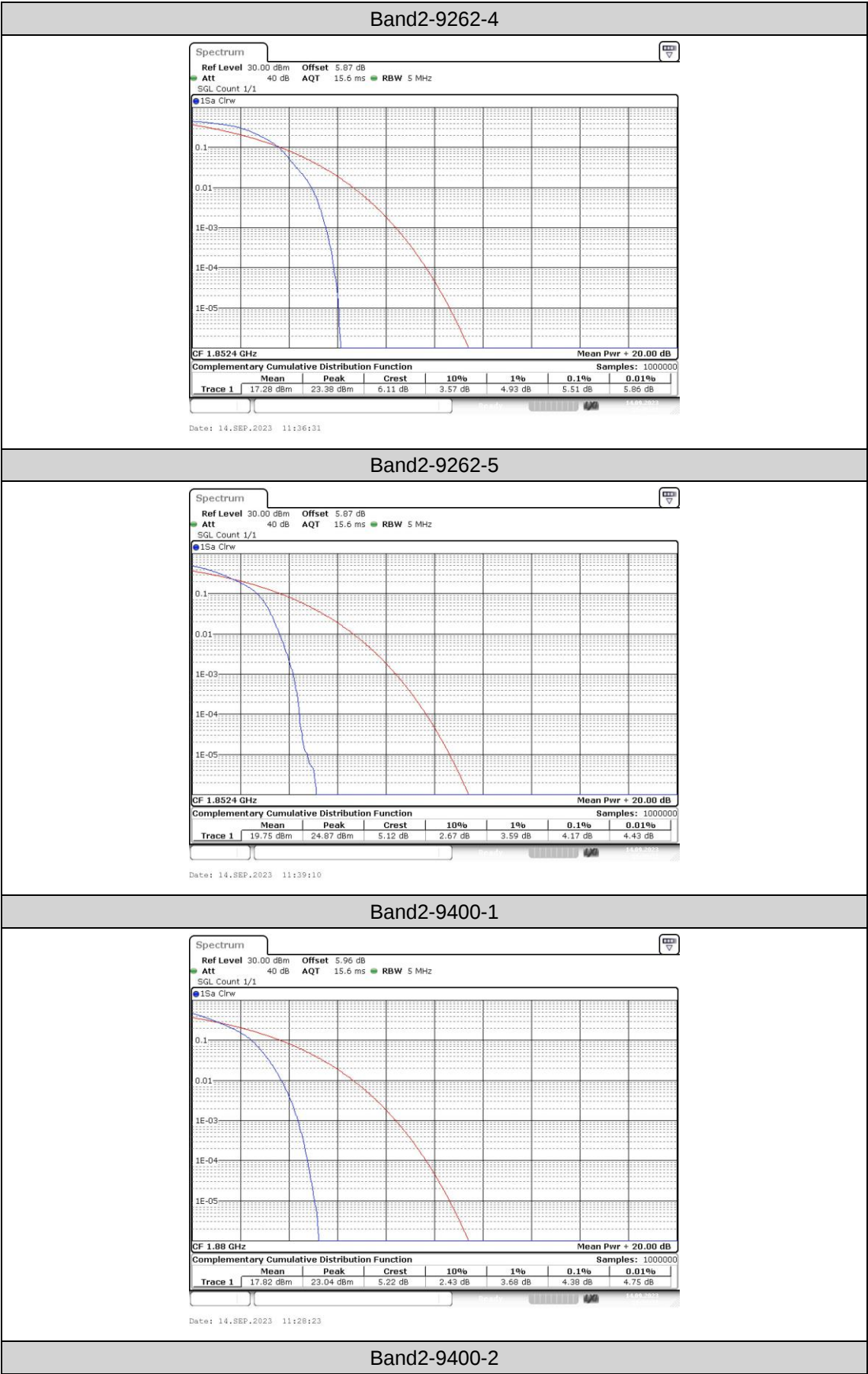
Band2-9538-1

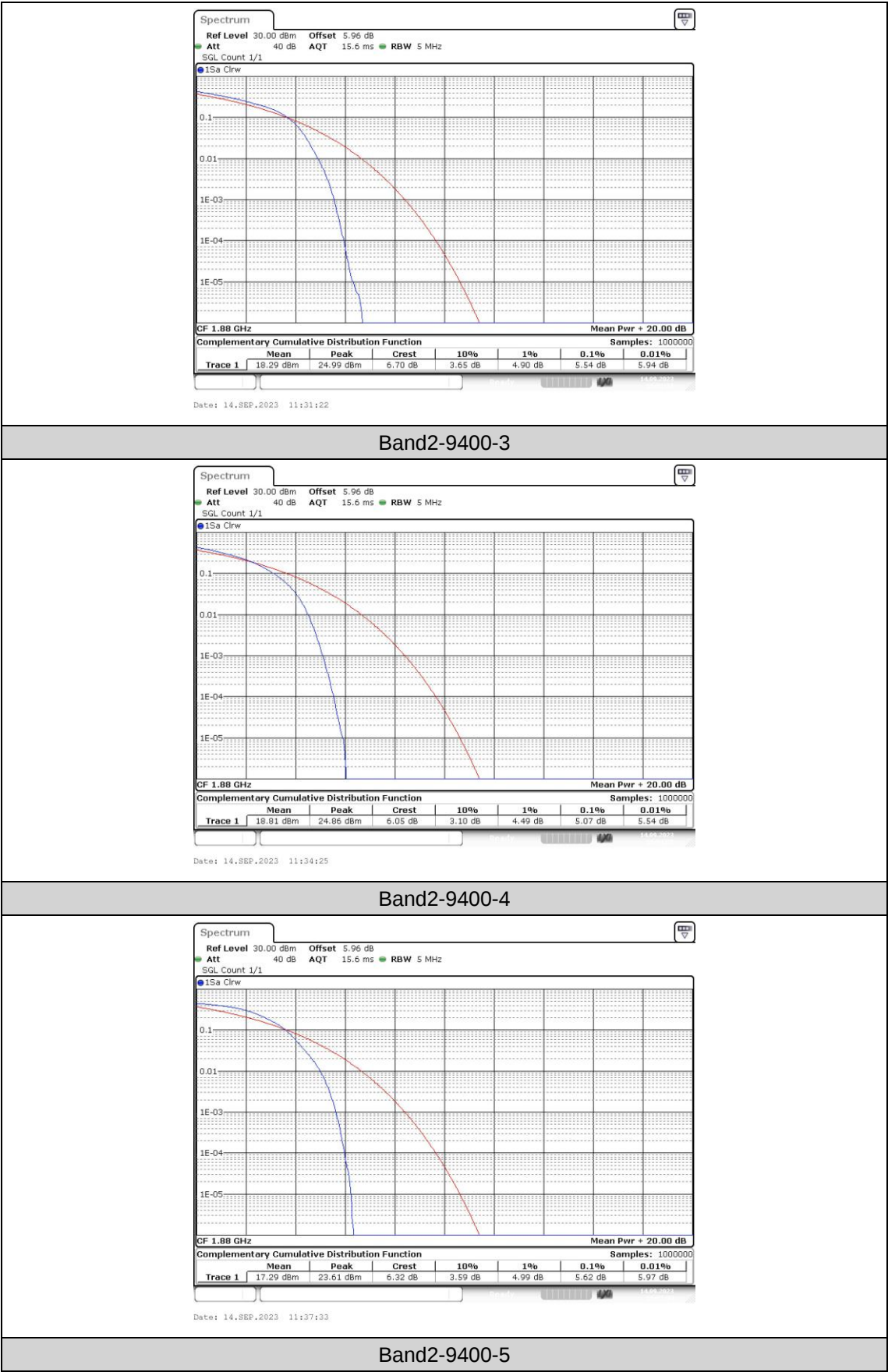


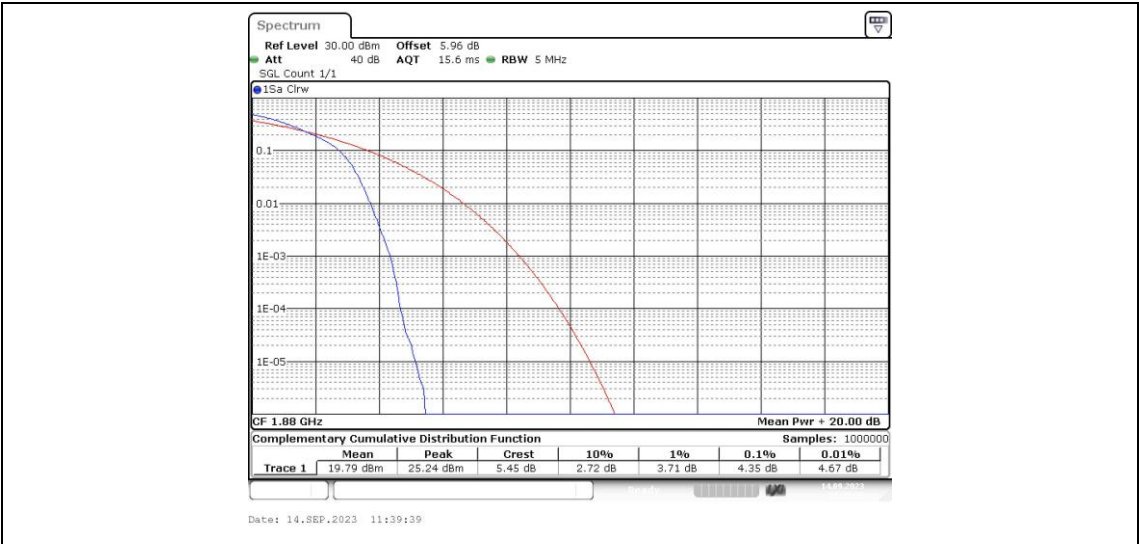
Band2-9538-2



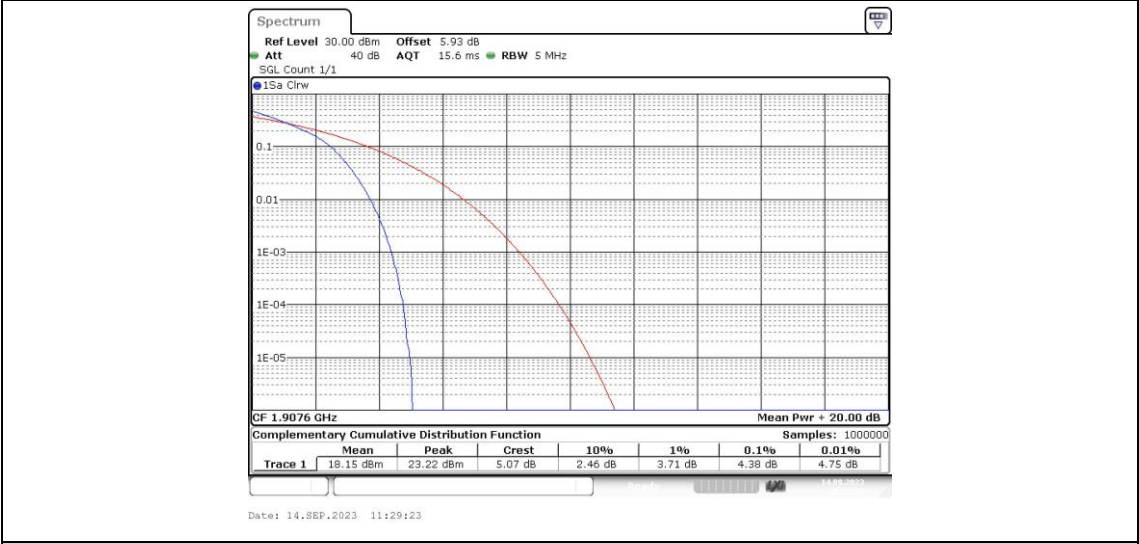




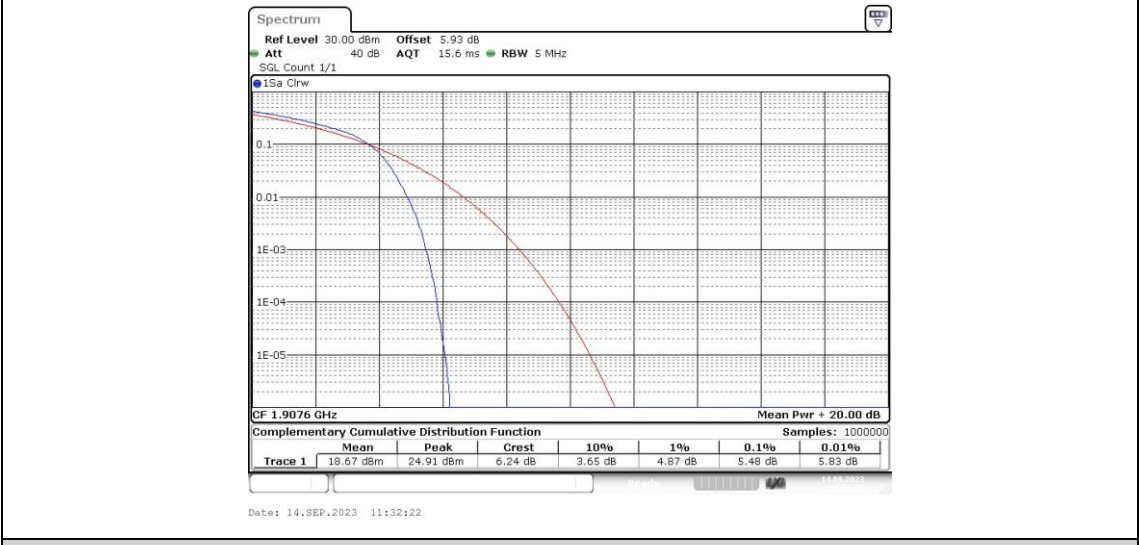




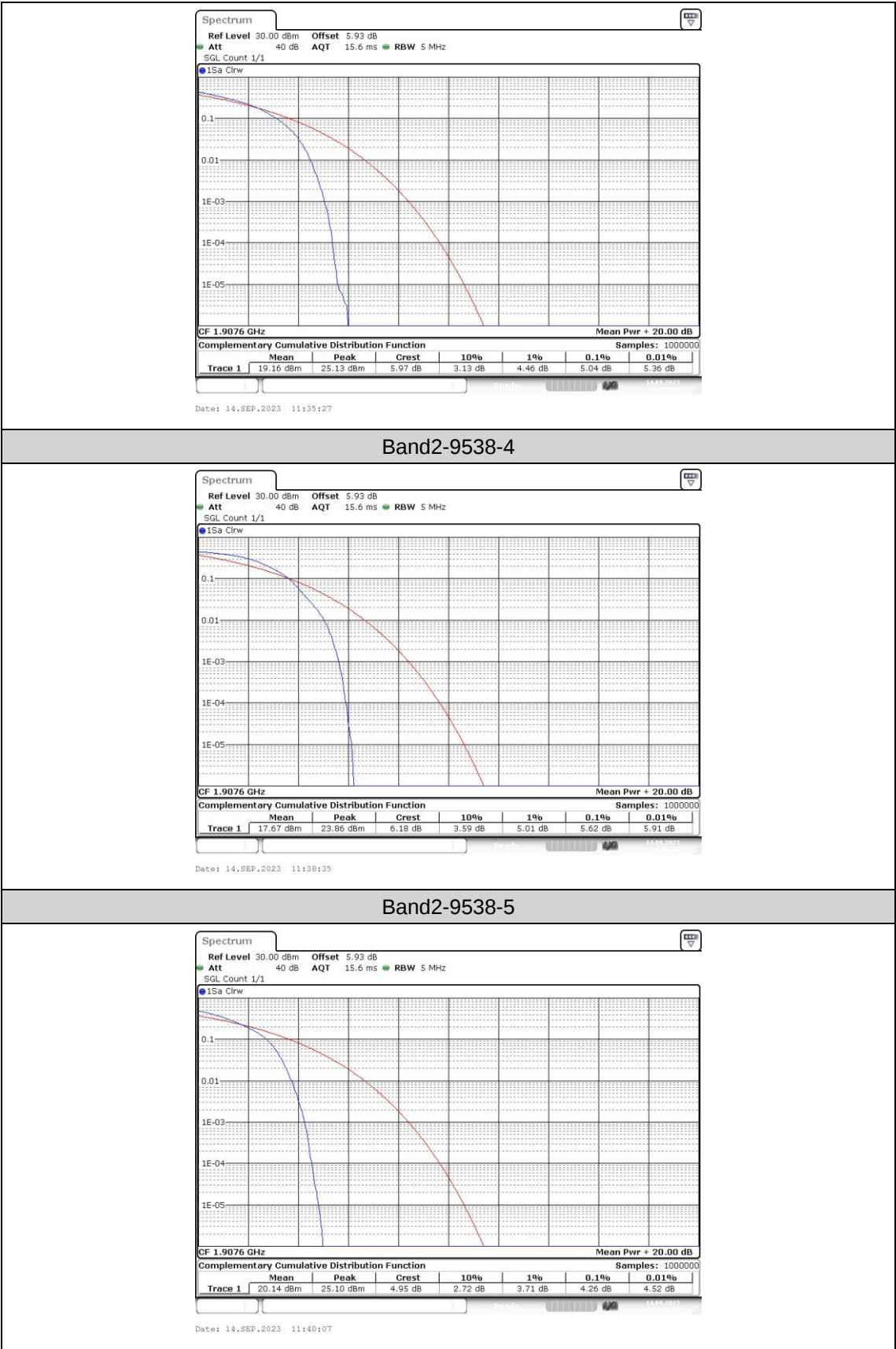
Band2-9538-1



Band2-9538-2



Band2-9538-3



AppendixC:26dB Bandwidth and Occupied Bandwidth

Test Result

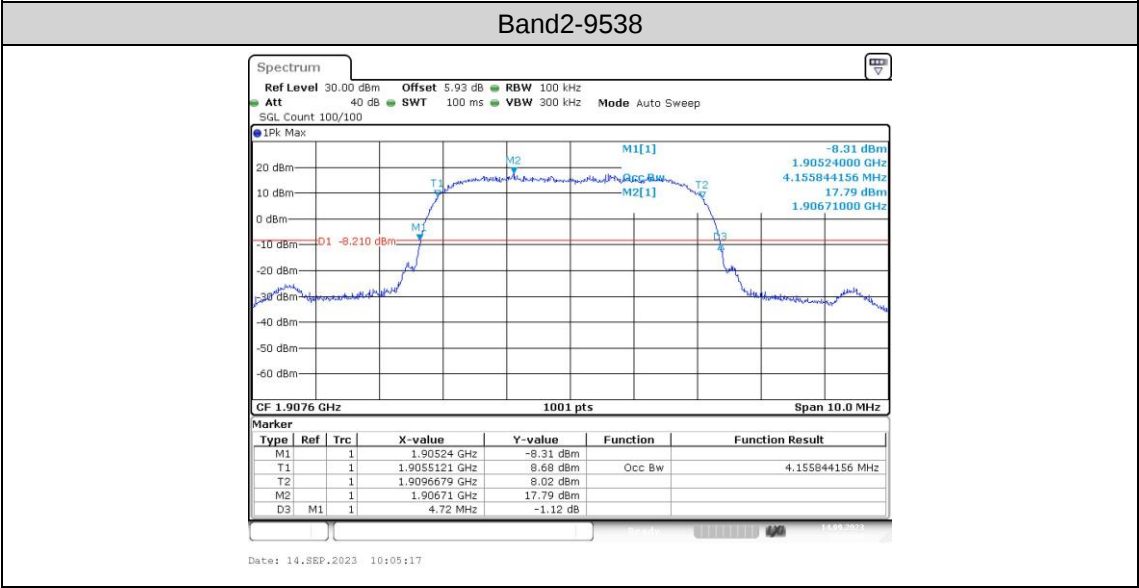
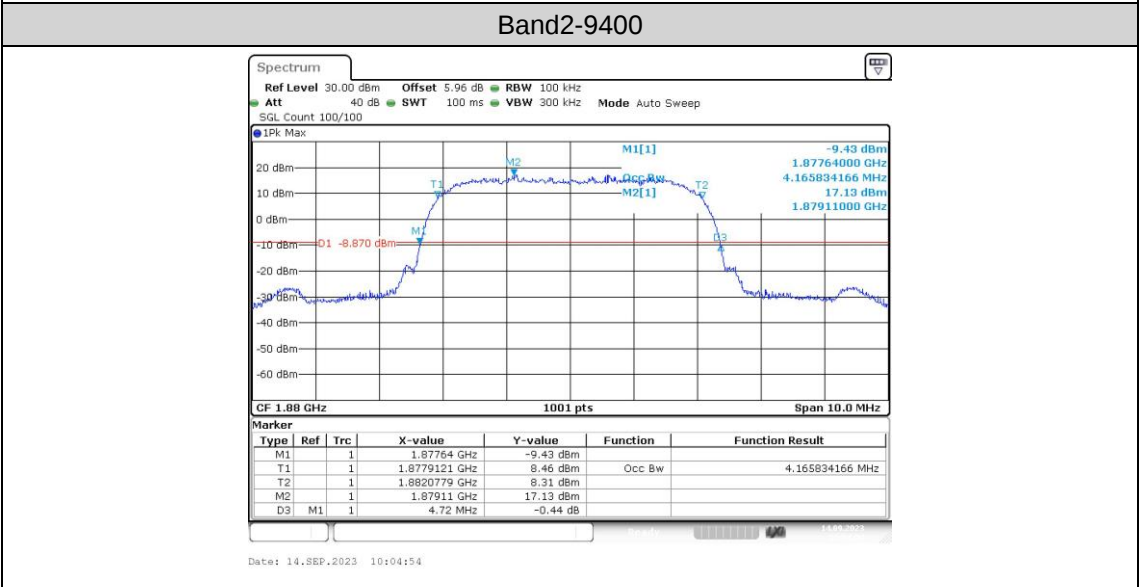
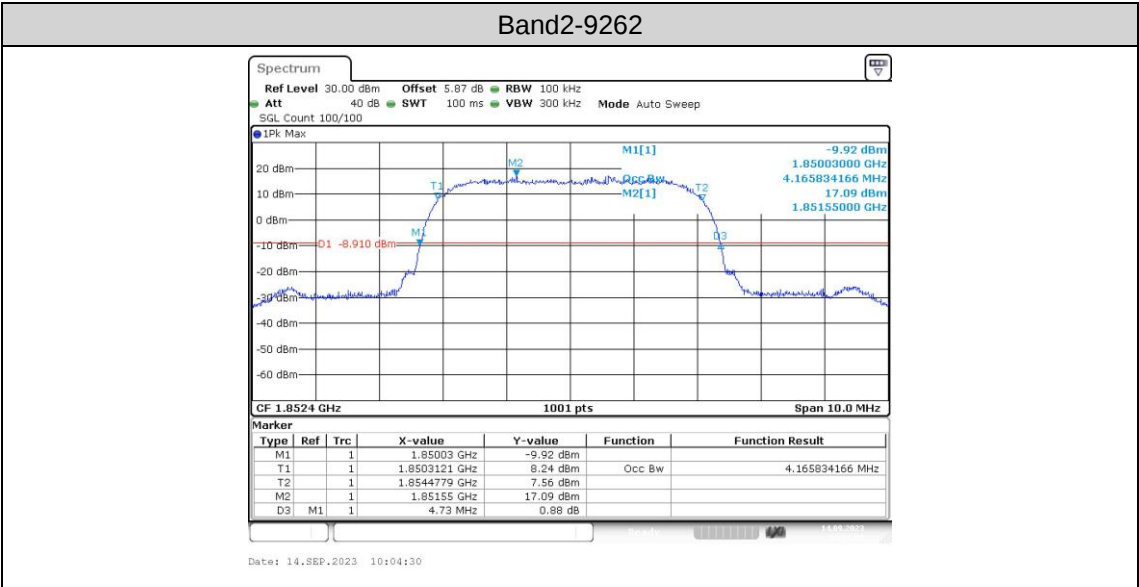
Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(MHz)	Verdict
Band2	9262	4.166	4.73	---	PASS
Band2	9400	4.166	4.72	---	PASS
Band2	9538	4.156	4.72	---	PASS

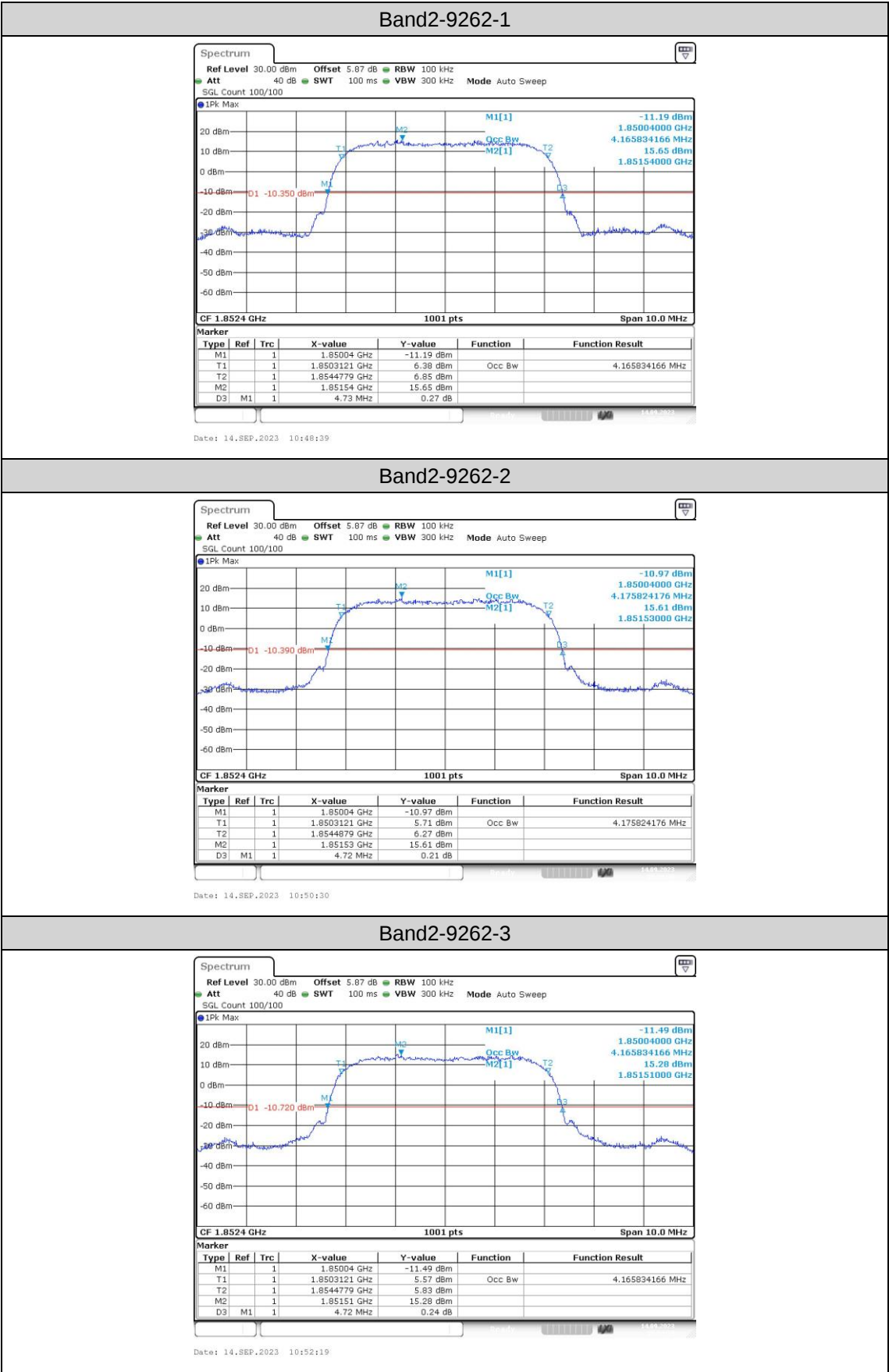
Band	Channel	SubTest	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(MHz)	Verdict
Band2	9262	1	4.166	4.73	---	PASS
Band2	9262	2	4.176	4.72	---	PASS
Band2	9262	3	4.166	4.72	---	PASS
Band2	9262	4	4.176	4.72	---	PASS
Band2	9400	1	4.166	4.72	---	PASS
Band2	9400	2	4.166	4.72	---	PASS
Band2	9400	3	4.176	4.71	---	PASS
Band2	9400	4	4.176	4.71	---	PASS
Band2	9538	1	4.166	4.72	---	PASS
Band2	9538	2	4.166	4.72	---	PASS
Band2	9538	3	4.166	4.73	---	PASS
Band2	9538	4	4.166	4.72	---	PASS

Band	Channel	SubTest	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(MHz)	Verdict
Band2	9262	1	4.176	4.72	---	PASS
Band2	9262	2	4.186	4.73	---	PASS
Band2	9262	3	4.186	4.73	---	PASS
Band2	9262	4	4.186	4.73	---	PASS
Band2	9262	5	4.166	4.73	---	PASS
Band2	9400	1	4.186	4.74	---	PASS
Band2	9400	2	4.186	4.72	---	PASS
Band2	9400	3	4.186	4.72	---	PASS
Band2	9400	4	4.196	4.74	---	PASS
Band2	9400	5	4.166	4.72	---	PASS
Band2	9538	1	4.186	4.72	---	PASS

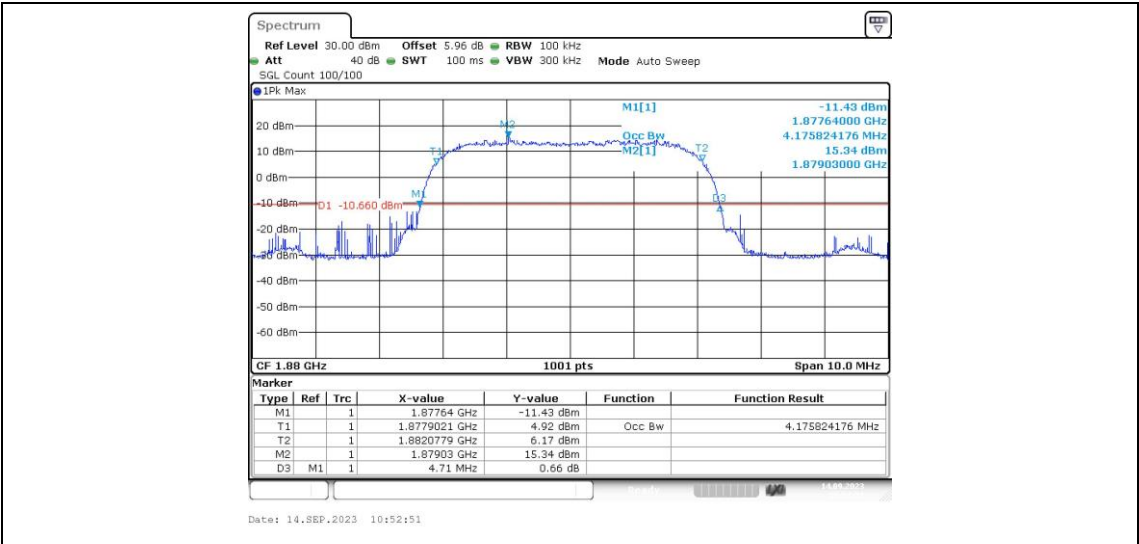
Band2	9538	2	4.186	4.73	---	PASS
Band2	9538	3	4.186	4.73	---	PASS
Band2	9538	4	4.186	4.73	---	PASS
Band2	9538	5	4.166	4.71	---	PASS

Test Graphs

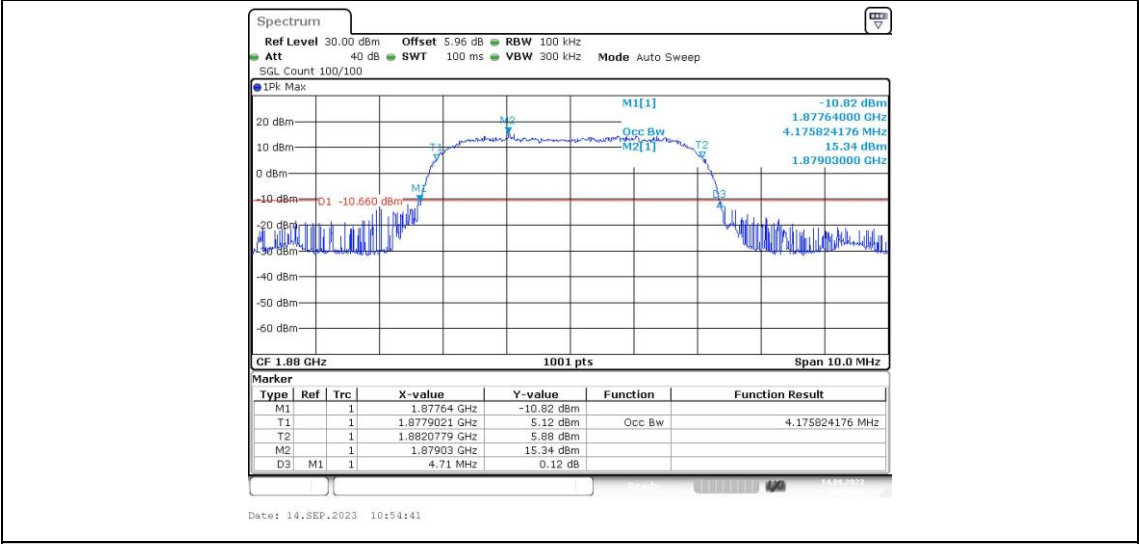




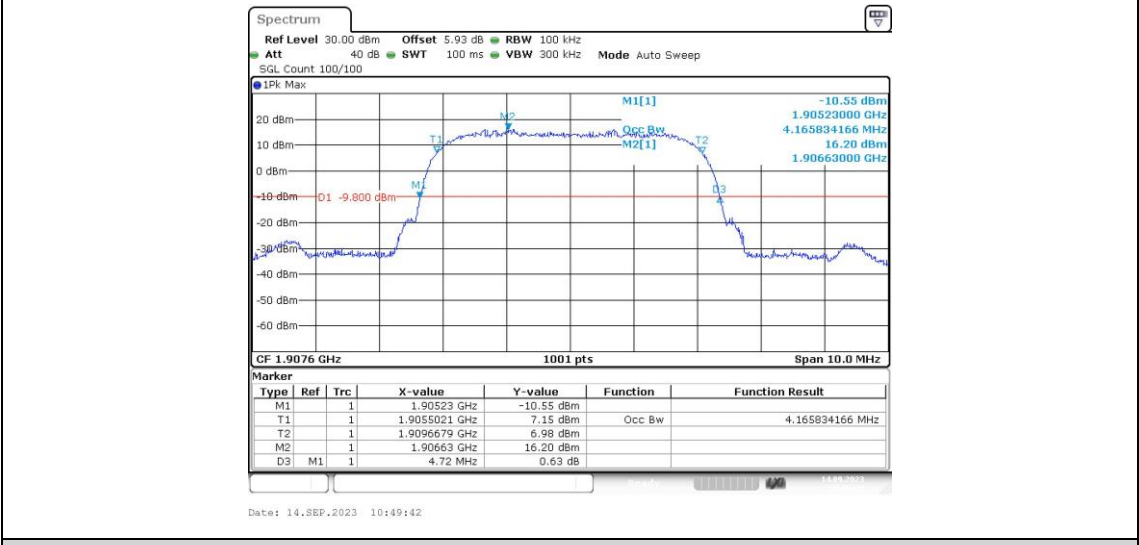




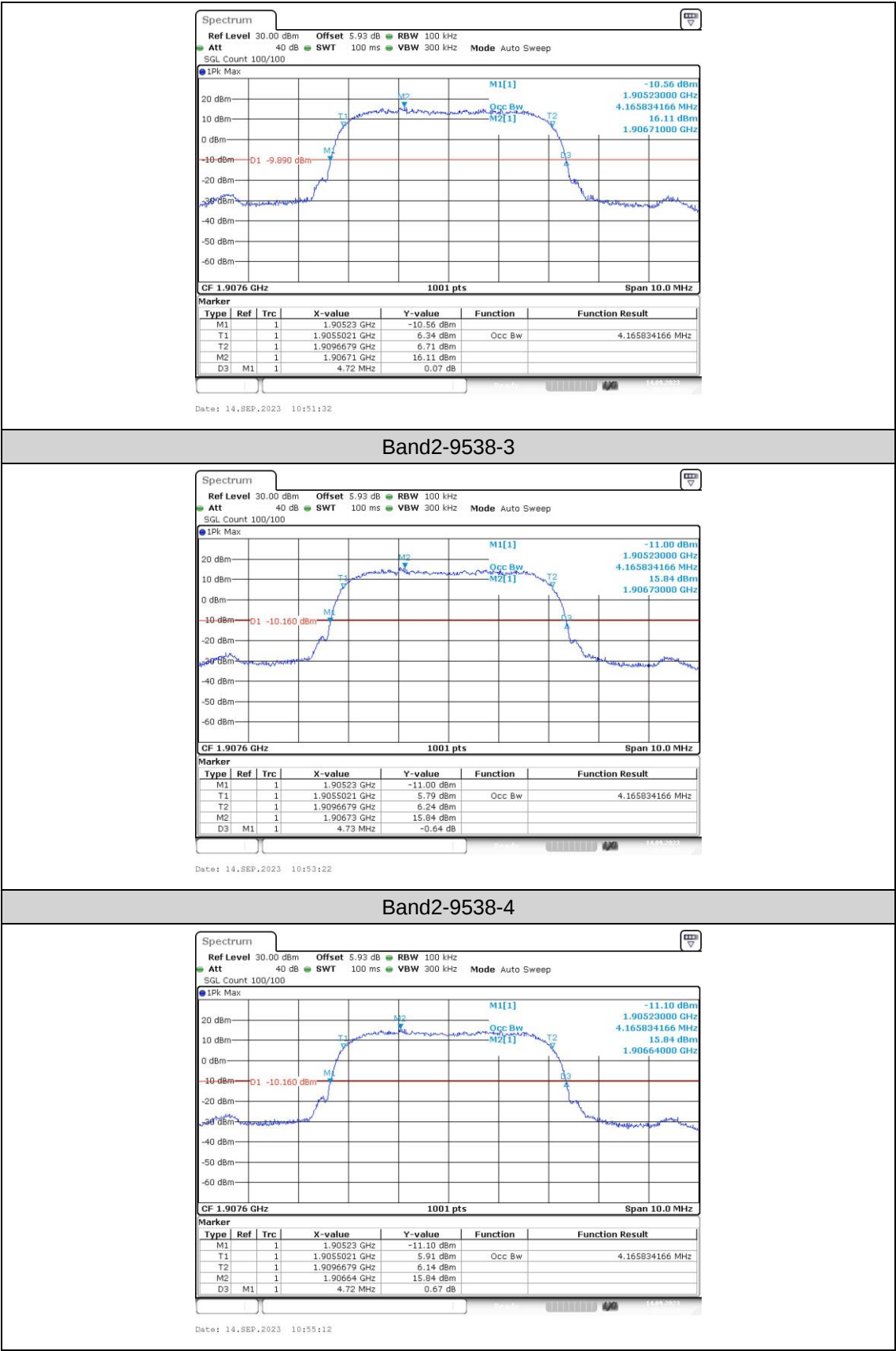
Band2-9400-4



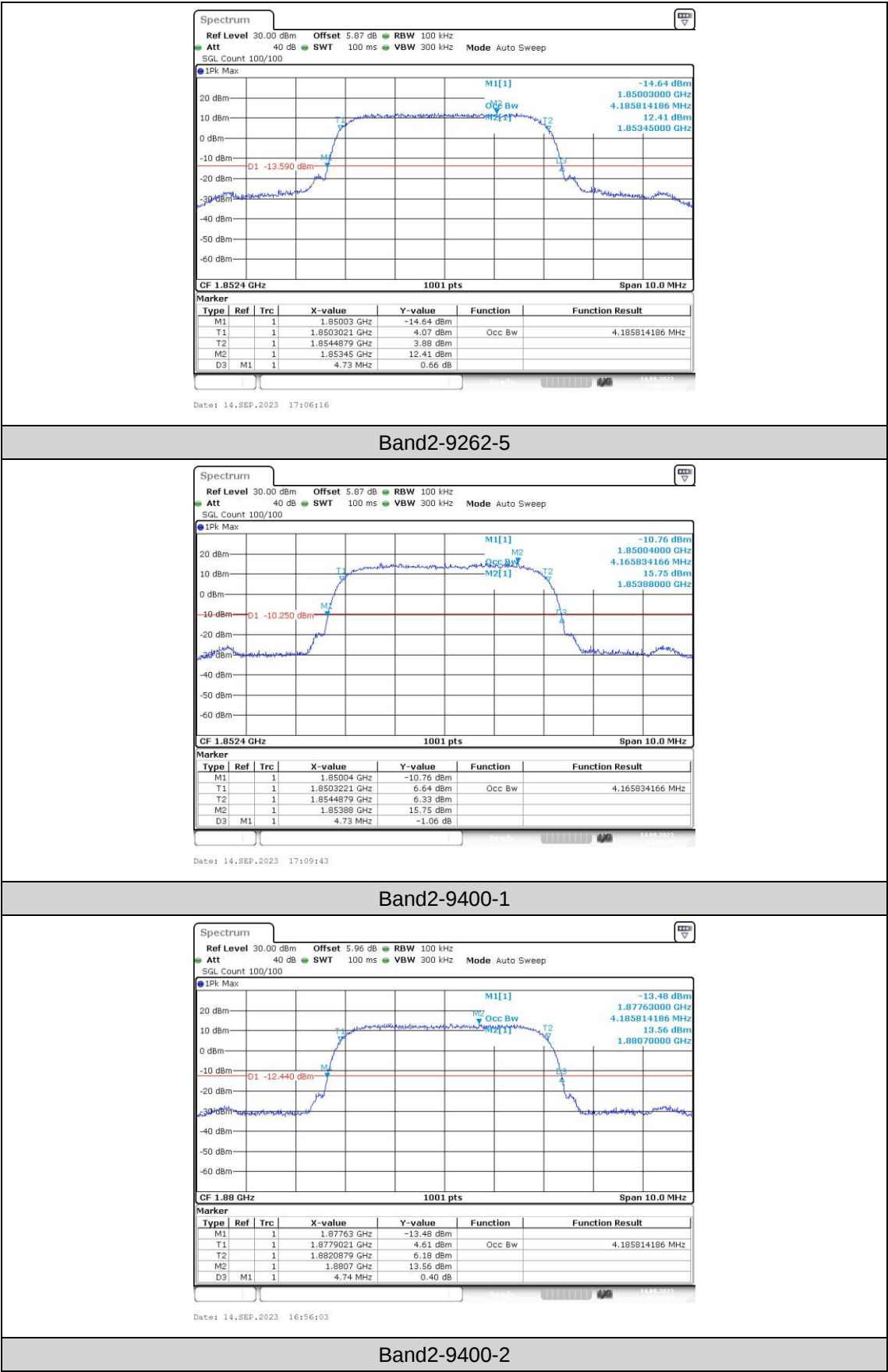
Band2-9538-1

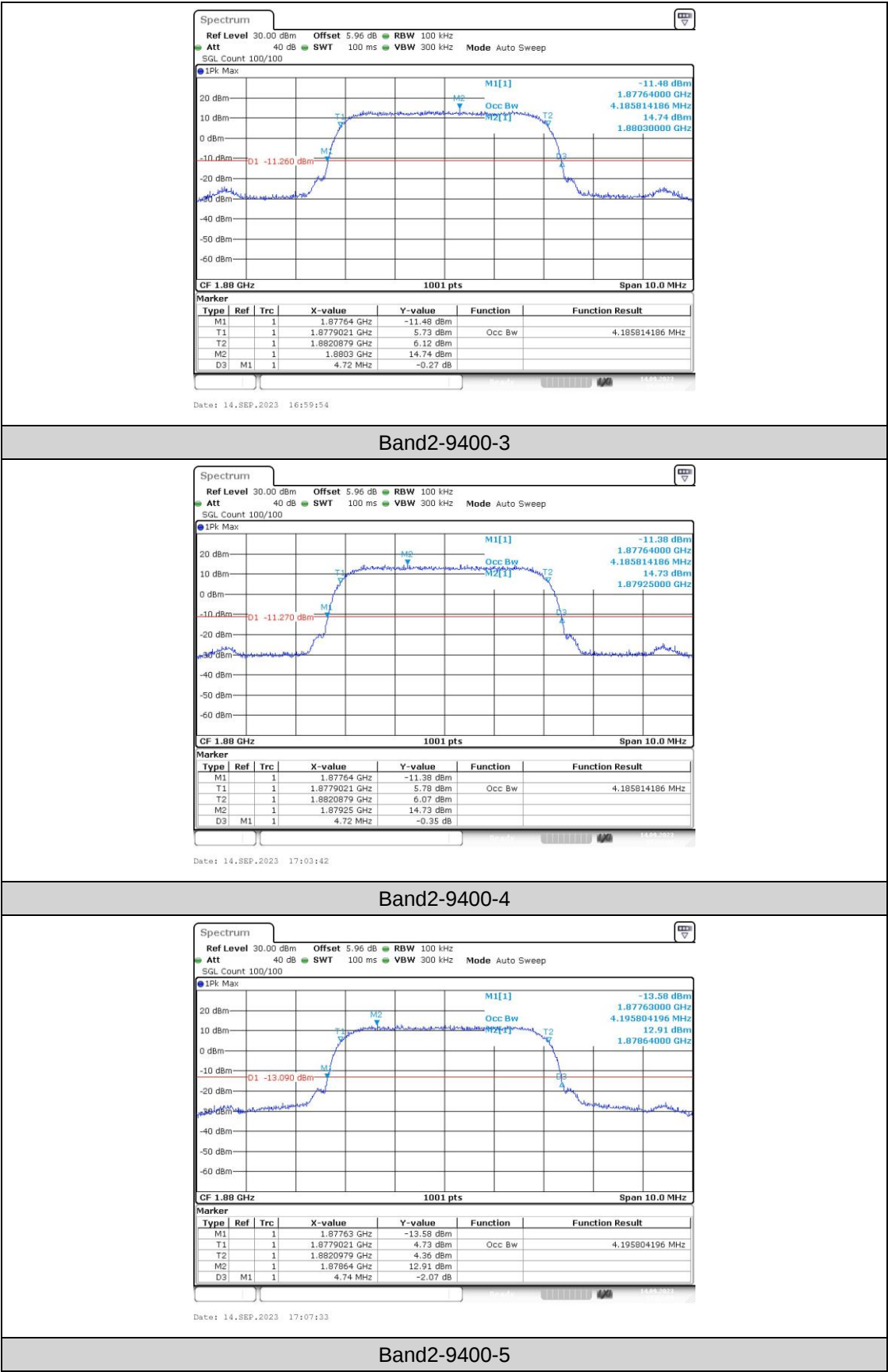


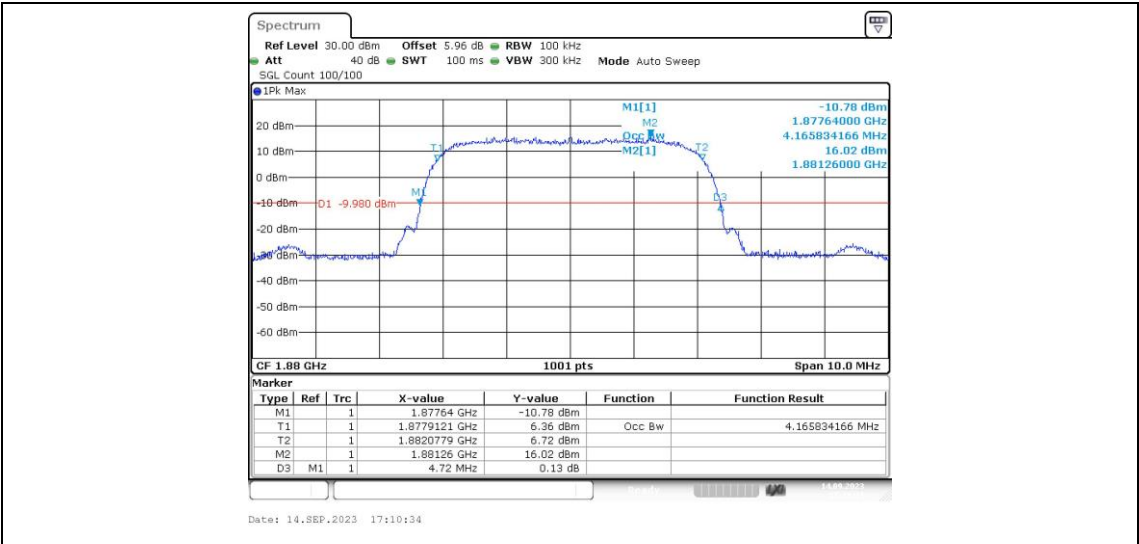
Band2-9538-2



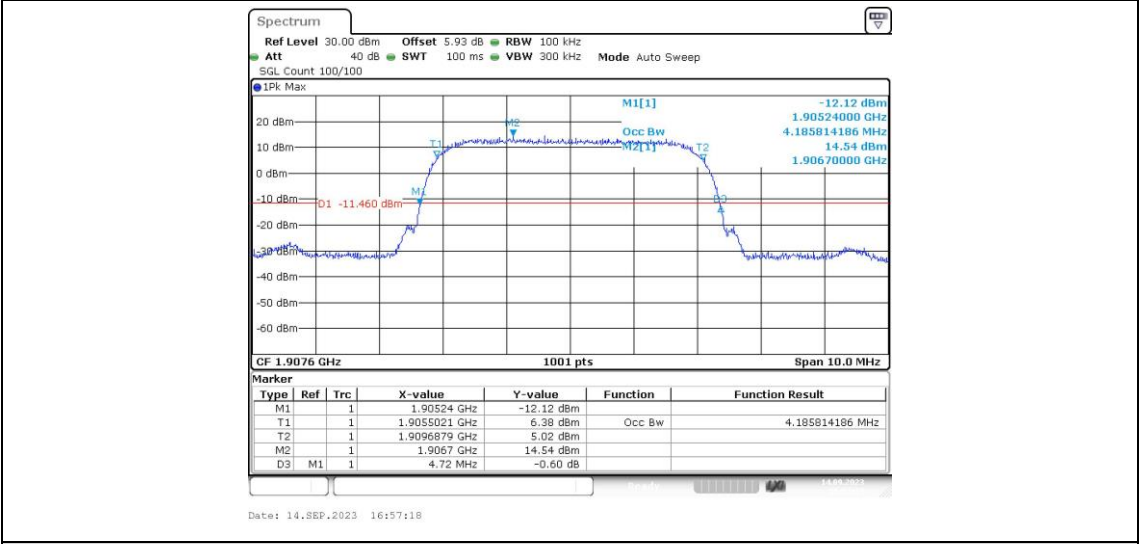




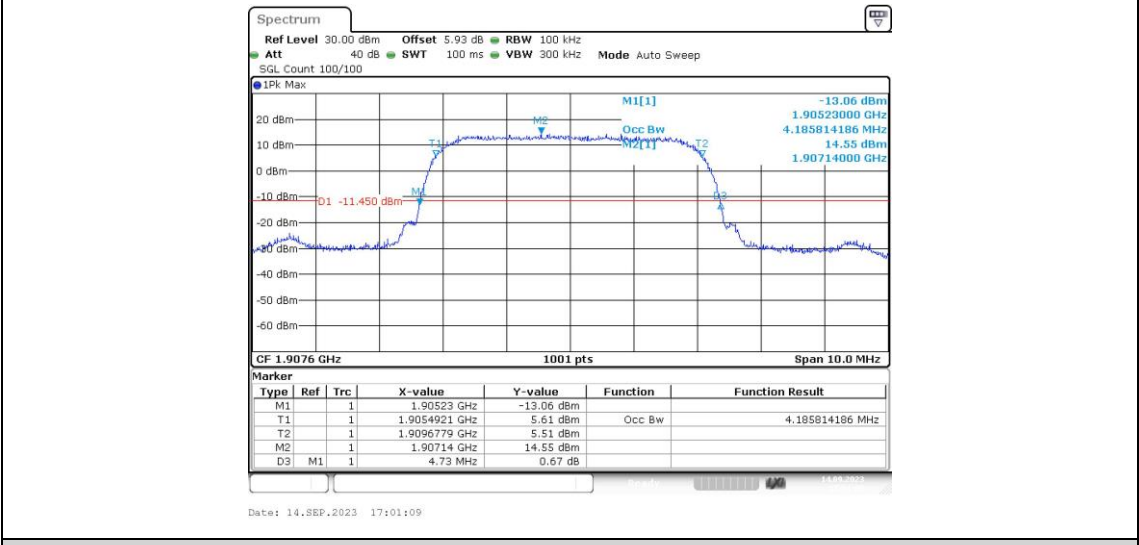




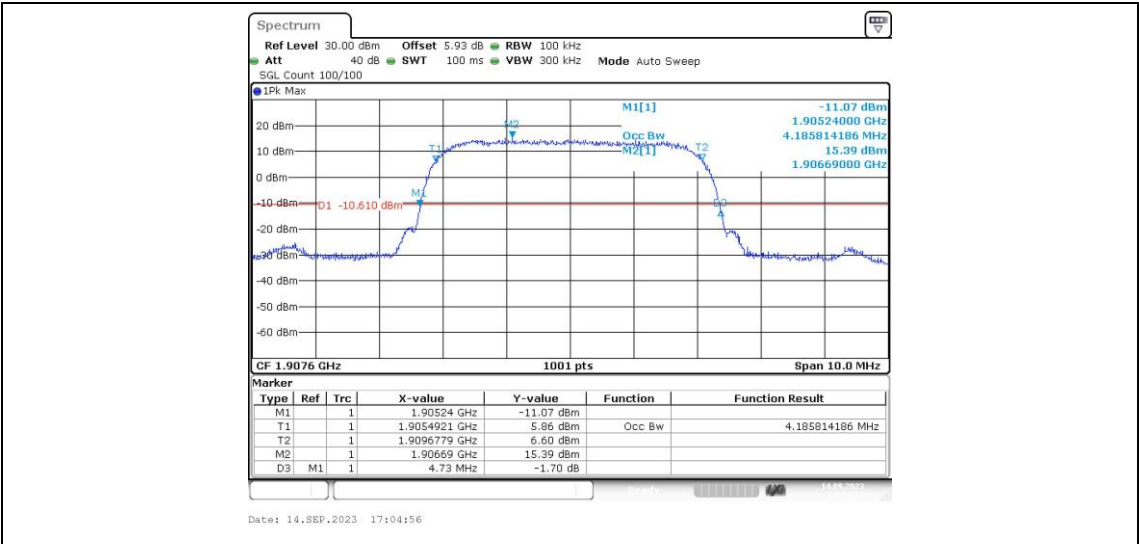
Band2-9538-1



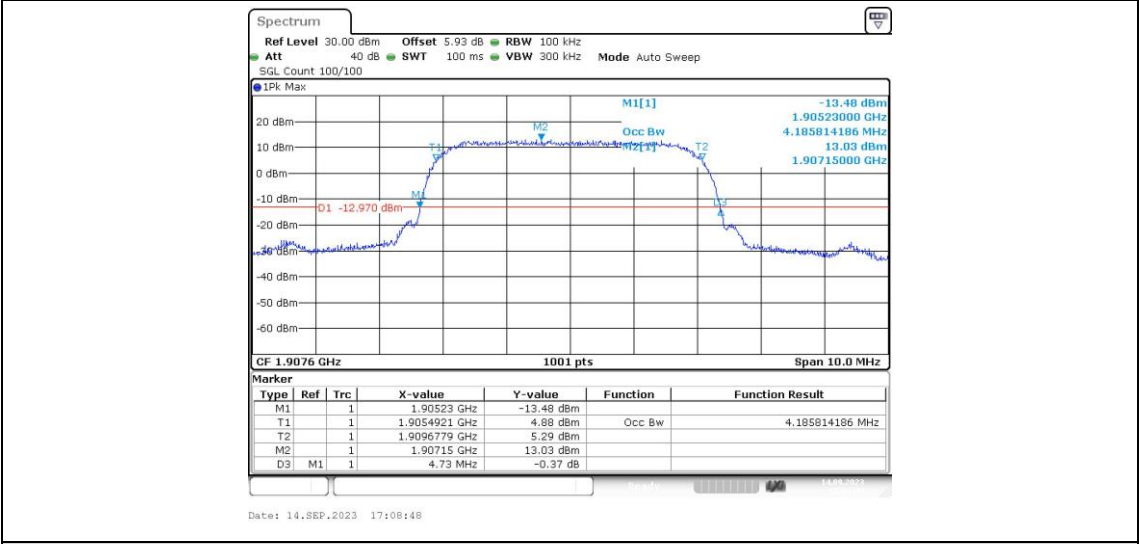
Band2-9538-2



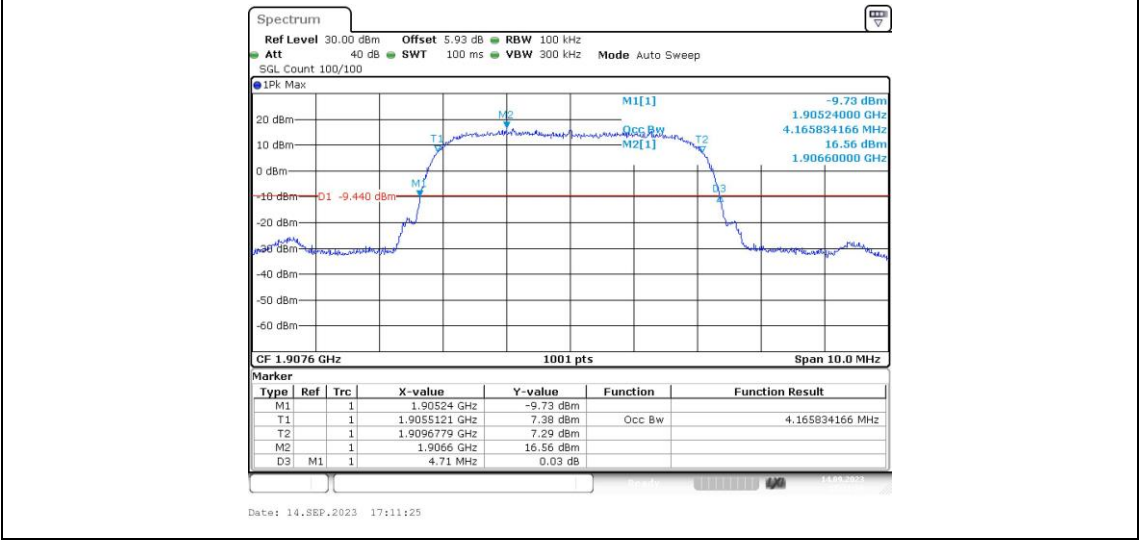
Band2-9538-3



Band2-9538-4



Band2-9538-5



AppendixD:Band Edge

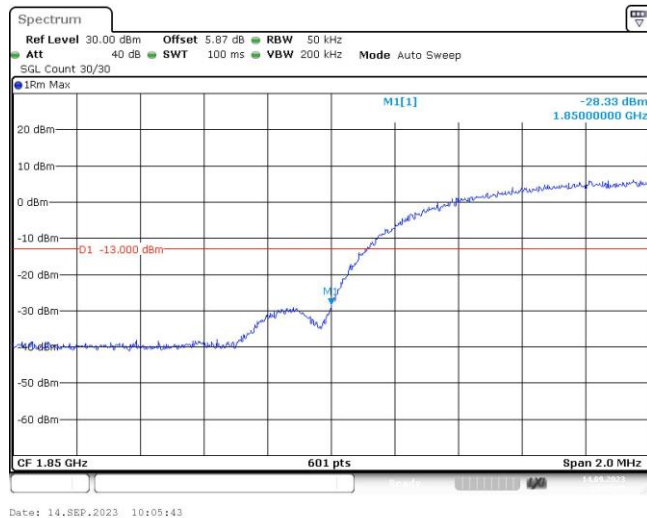
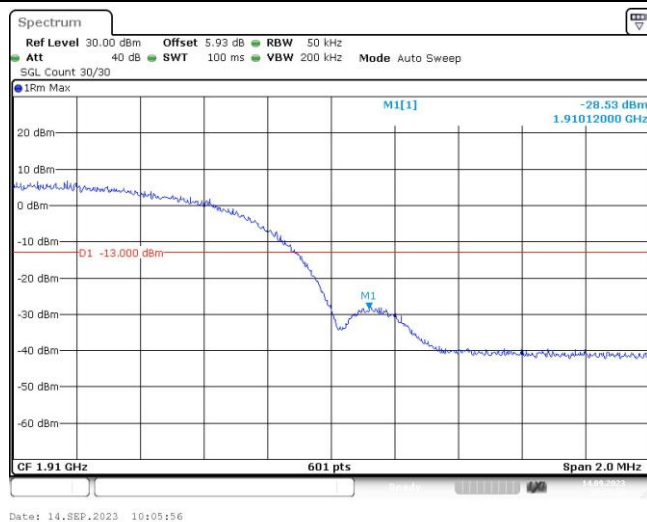
Test Result

Band	Channel	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band2	9262	1850.00	-28.33	-13	PASS
Band2	9538	1910.12	-27.98	-13	PASS

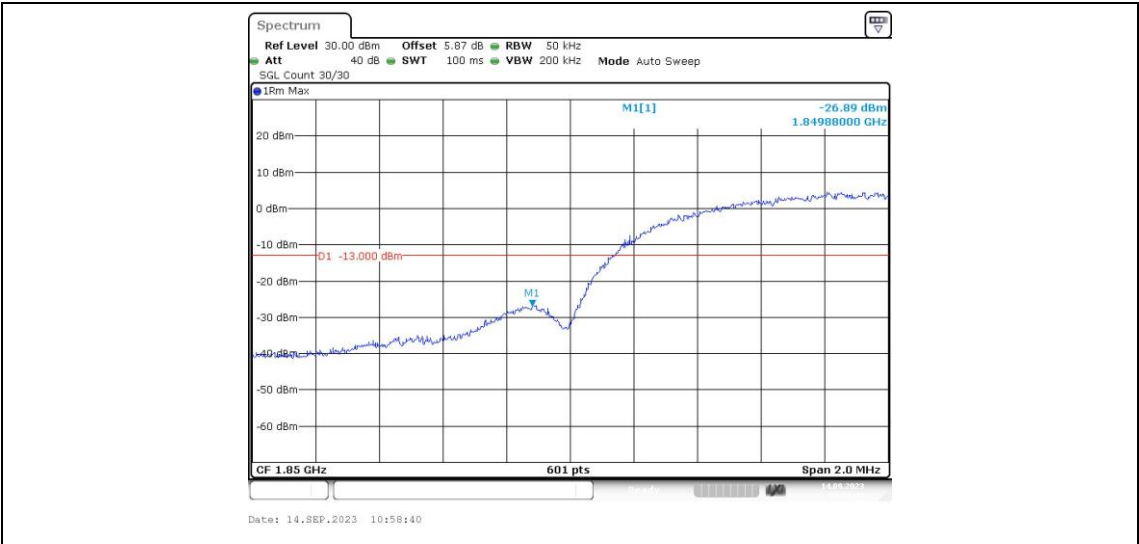
Band	Channel	SubTest	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band2	9262	1	1849.88	-29.77	-13	PASS
Band2	9262	2	1849.86	-28.31	-13	PASS
Band2	9262	3	1849.88	-27.31	-13	PASS
Band2	9262	4	1849.88	-26.30	-13	PASS
Band2	9538	1	1910.14	-28.16	-13	PASS
Band2	9538	2	1910.13	-29.25	-13	PASS
Band2	9538	3	1910.11	-28.83	-13	PASS
Band2	9538	4	1910.13	-28.80	-13	PASS

Band	Channel	SubTest	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band2	9262	1	1850.00	-30.75	-13	PASS
Band2	9262	2	1849.86	-28.03	-13	PASS
Band2	9262	3	1849.87	-29.32	-13	PASS
Band2	9262	4	1849.89	-27.32	-13	PASS
Band2	9262	5	1849.85	-28.64	-13	PASS
Band2	9538	1	1910.10	-30.87	-13	PASS
Band2	9538	2	1910.12	-29.37	-13	PASS
Band2	9538	3	1910.13	-29.60	-13	PASS
Band2	9538	4	1910.11	-27.27	-13	PASS
Band2	9538	5	1910.12	-28.19	-13	PASS

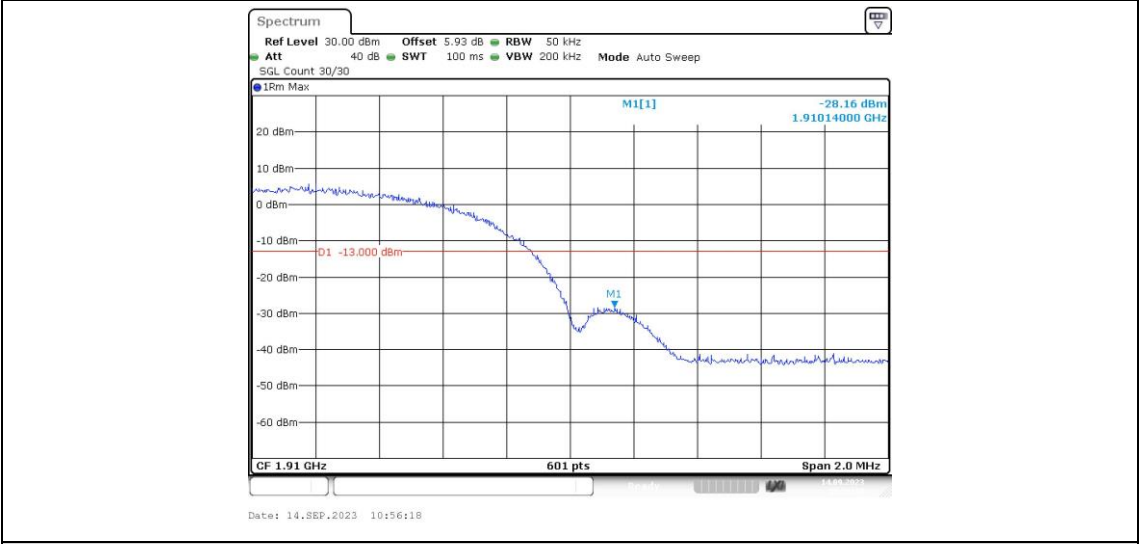
Test Graphs

Band2-9262**Band2-9538**

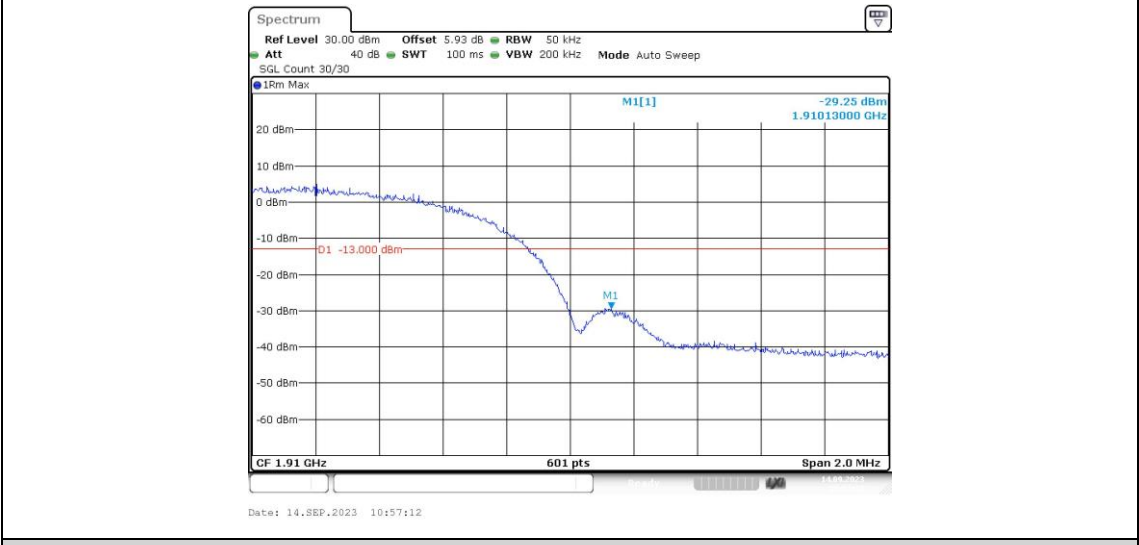




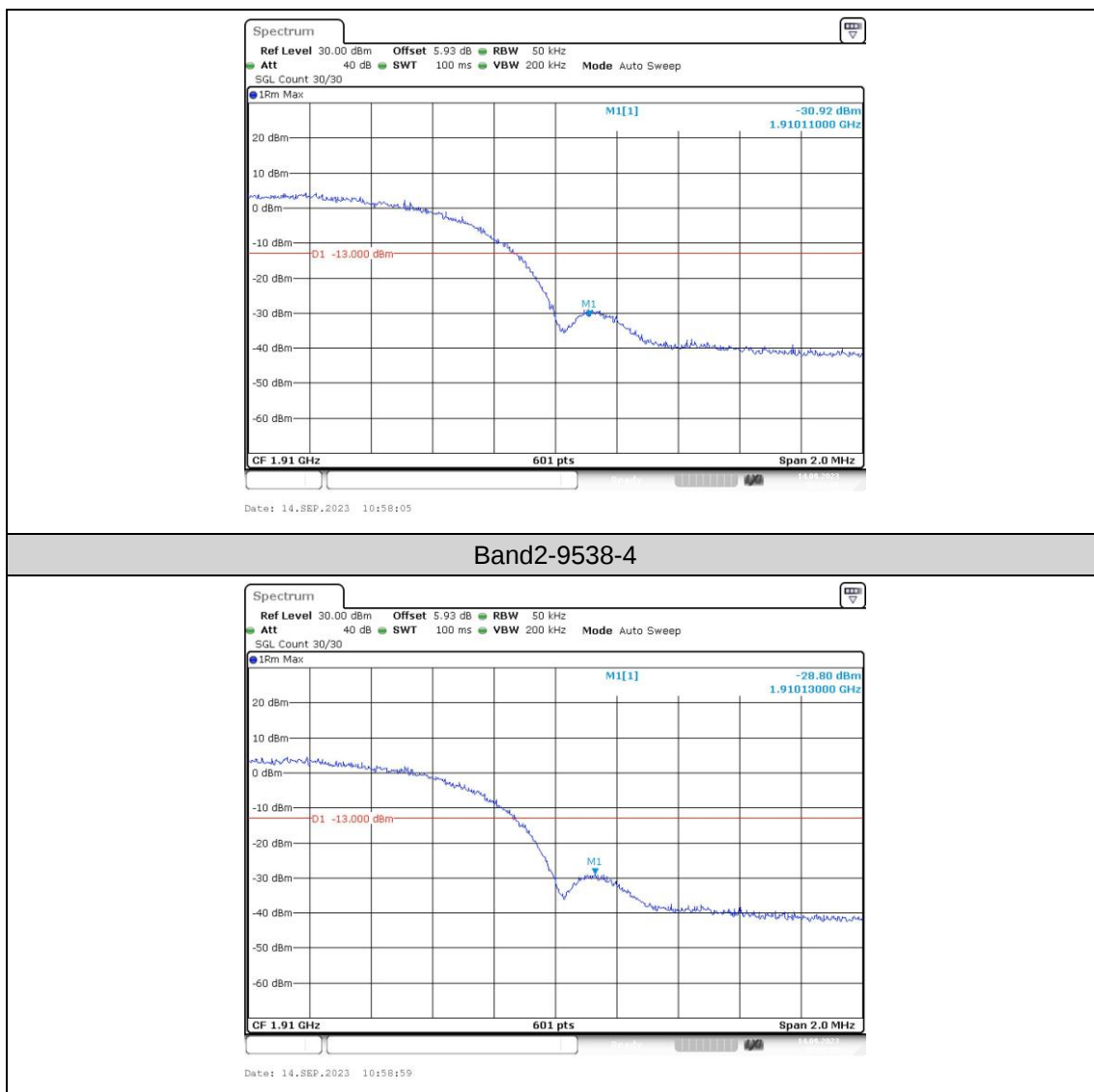
Band2-9538-1



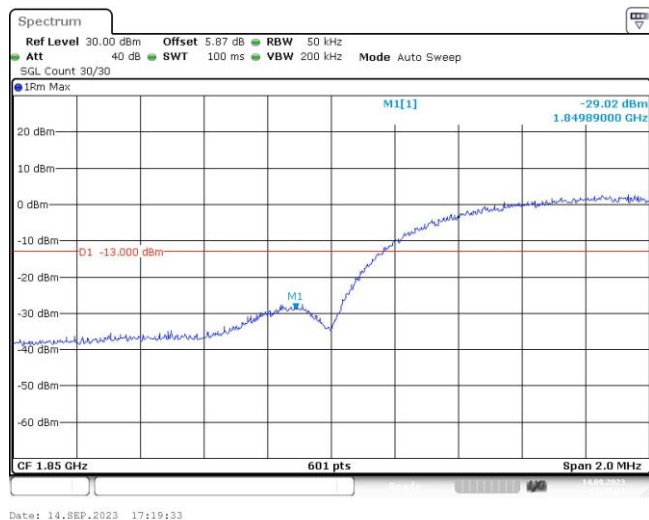
Band2-9538-2



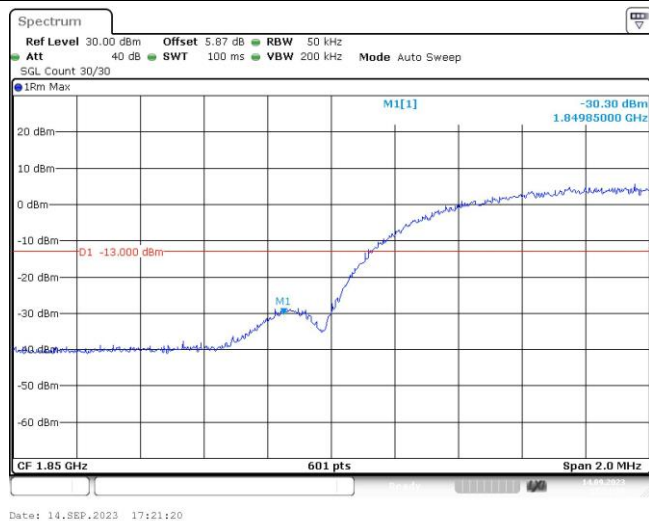
Band2-9538-3







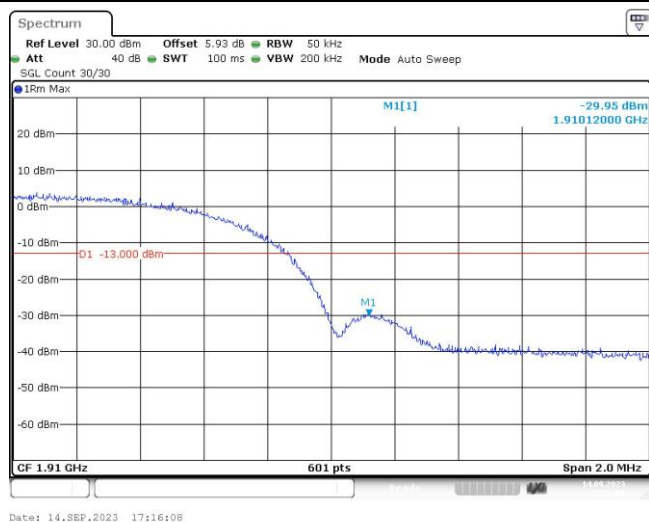
Band2-9262-5



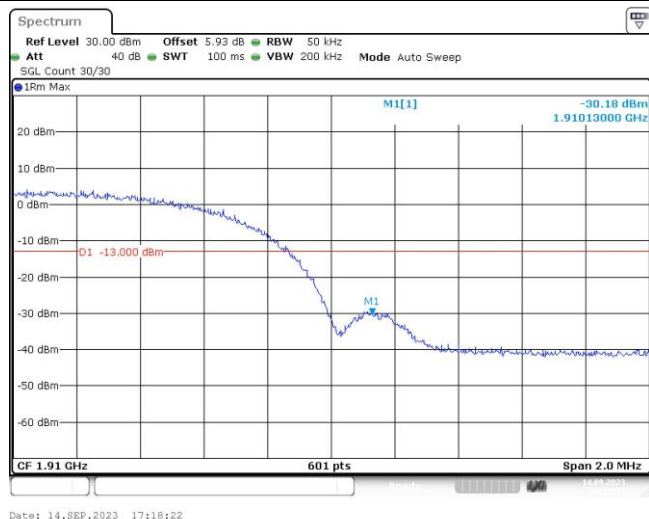
Band2-9538-1



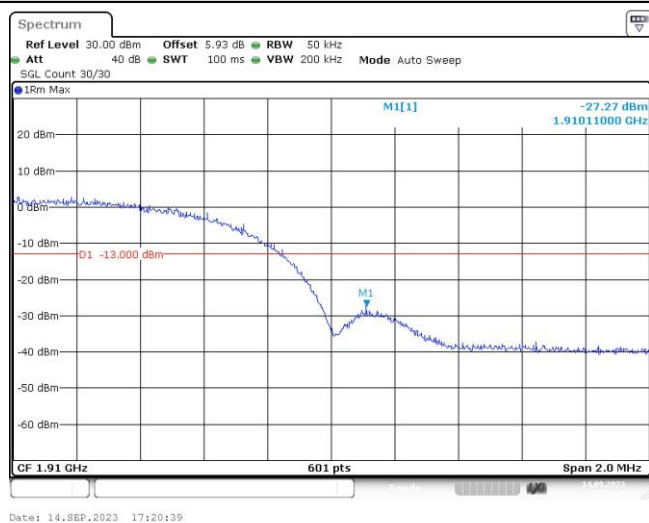
Band2-9538-2



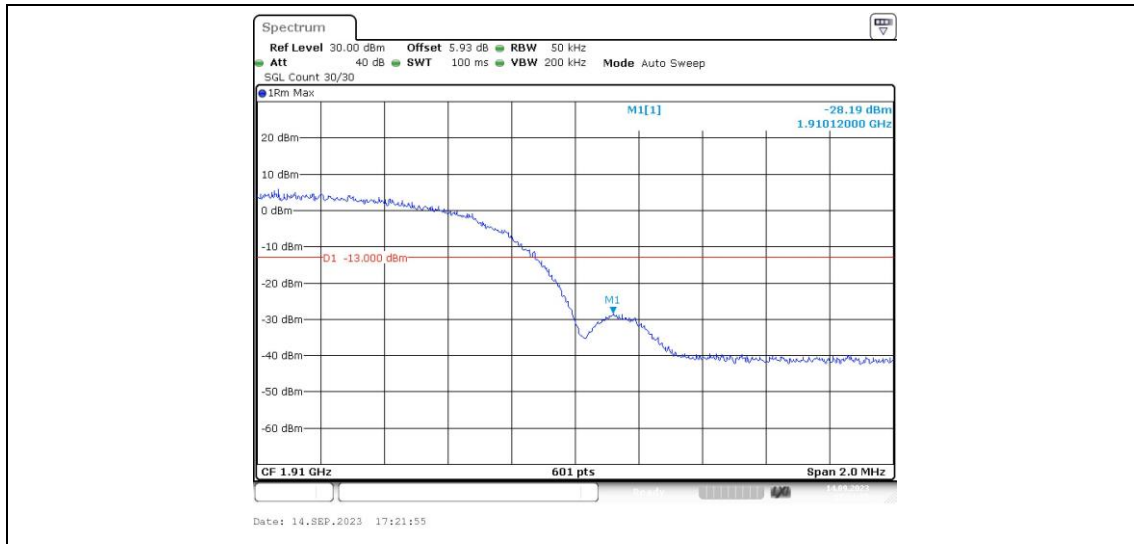
Band2-9538-3



Band2-9538-4



Band2-9538-5



AppendixE:Conducted SpuriousEmission

Test Result

Band	Channel	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band2	9262	0.009~0.15MHz	0.01	-76.21	-43	PASS
Band2	9262	0.15~30MHz	0.23	-72.44	-33	PASS
Band2	9262	30~1000MHz	906.68	-54.05	-13	PASS
Band2	9262	1000~20000MHz	6814	-44.63	-13	PASS
Band2	9400	0.009~0.15MHz	0.01	-76.2	-43	PASS
Band2	9400	0.15~30MHz	20.38	-72.72	-33	PASS
Band2	9400	30~1000MHz	999.76	-54.03	-13	PASS
Band2	9400	1000~20000MHz	6833	-44.66	-13	PASS
Band2	9538	0.009~0.15MHz	0.01	-76.25	-43	PASS
Band2	9538	0.15~30MHz	0.17	-72.57	-33	PASS
Band2	9538	30~1000MHz	966.31	-54.07	-13	PASS
Band2	9538	1000~20000MHz	6500.5	-44.74	-13	PASS

Band	Channel	SubTest	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band2	9262	1	0.15~30MHz	0.17	-70.66	-33	PASS
Band2	9262	1	30~1000MHz	986.67	-54.06	-13	PASS
Band2	9262	1	1000~20000MHz	6899.5	-44.75	-13	PASS
Band2	9262	1	0.009~0.15MHz	0.01	-76.29	-43	PASS
Band2	9262	2	0.15~30MHz	21.1	-72.31	-33	PASS
Band2	9262	2	30~1000MHz	975.52	-53.97	-13	PASS
Band2	9262	2	1000~20000MHz	6529	-44.75	-13	PASS
Band2	9262	2	0.009~0.15MHz	0.01	-76.17	-43	PASS
Band2	9262	3	0.15~30MHz	0.97	-71.93	-33	PASS
Band2	9262	3	0.009~0.15MHz	0.01	-76.5	-43	PASS
Band2	9262	3	1000~20000MHz	6510	-44.68	-13	PASS
Band2	9262	3	30~1000MHz	991.52	-54.05	-13	PASS
Band2	9262	4	0.15~30MHz	20.92	-71.74	-33	PASS
Band2	9262	4	1000~20000MHz	6852	-44.64	-13	PASS
Band2	9262	4	0.009~0.15MHz	0.01	-76.39	-43	PASS
Band2	9262	4	30~1000MHz	995.39	-54.04	-13	PASS
Band2	9400	1	1000~20000MHz	6491	-44.69	-13	PASS
Band2	9400	1	30~1000MHz	974.55	-54.08	-13	PASS
Band2	9400	1	0.009~0.15MHz	0.01	-76.34	-43	PASS
Band2	9400	1	0.15~30MHz	21.31	-71.89	-33	PASS
Band2	9400	2	0.15~30MHz	0.17	-72.4	-33	PASS
Band2	9400	2	30~1000MHz	995.88	-53.97	-13	PASS

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Band2	9400	2	0.009~0.15MHz	0.01	-76.41	-43	PASS
Band2	9400	2	1000~20000MHz	6833	-44.53	-13	PASS
Band2	9400	3	30~1000MHz	946.92	-54.04	-13	PASS
Band2	9400	3	0.15~30MHz	0.97	-71.23	-33	PASS
Band2	9400	3	1000~20000MHz	6842.5	-44.59	-13	PASS
Band2	9400	3	0.009~0.15MHz	0.01	-76.29	-43	PASS
Band2	9400	4	0.009~0.15MHz	0.01	-76.3	-43	PASS
Band2	9400	4	0.15~30MHz	20.71	-72.43	-33	PASS
Band2	9400	4	30~1000MHz	986.67	-54.15	-13	PASS
Band2	9400	4	1000~20000MHz	6985	-44.7	-13	PASS
Band2	9538	1	0.15~30MHz	0.17	-71.12	-33	PASS
Band2	9538	1	30~1000MHz	979.88	-54.05	-13	PASS
Band2	9538	1	1000~20000MHz	6529	-44.8	-13	PASS
Band2	9538	1	0.009~0.15MHz	0.01	-76.18	-43	PASS
Band2	9538	2	0.009~0.15MHz	0.01	-76.29	-43	PASS
Band2	9538	2	0.15~30MHz	0.17	-71.85	-33	PASS
Band2	9538	2	1000~20000MHz	6871	-44.67	-13	PASS
Band2	9538	2	30~1000MHz	977.94	-54.03	-13	PASS
Band2	9538	3	0.009~0.15MHz	0.01	-76.34	-43	PASS
Band2	9538	3	0.15~30MHz	20.41	-71.87	-33	PASS
Band2	9538	3	30~1000MHz	995.39	-54.09	-13	PASS
Band2	9538	3	1000~20000MHz	6852	-44.79	-13	PASS
Band2	9538	4	1000~20000MHz	6852	-44.51	-13	PASS
Band2	9538	4	0.009~0.15MHz	0.01	-76.23	-43	PASS
Band2	9538	4	0.15~30MHz	21.19	-72.33	-33	PASS
Band2	9538	4	30~1000MHz	959.04	-53.91	-13	PASS

Band	Channel	SubTest	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band2	9262	1	0.15~30MHz	0.4	-72.51	-33	PASS
Band2	9262	1	30~1000MHz	961.95	-54.08	-13	PASS
Band2	9262	1	1000~20000MHz	6510	-44.72	-13	PASS
Band2	9262	1	0.009~0.15MHz	0.01	-76.34	-43	PASS
Band2	9262	2	30~1000MHz	971.16	-53.91	-13	PASS
Band2	9262	2	1000~20000MHz	6814	-44.63	-13	PASS
Band2	9262	2	0.15~30MHz	0.17	-72.49	-33	PASS
Band2	9262	2	0.009~0.15MHz	0.01	-76.24	-43	PASS
Band2	9262	3	1000~20000MHz	6890	-44.68	-13	PASS
Band2	9262	3	0.009~0.15MHz	0.01	-76.68	-43	PASS
Band2	9262	3	0.15~30MHz	0.17	-71.39	-33	PASS
Band2	9262	3	30~1000MHz	998.3	-53.94	-13	PASS

Band2	9262	4	1000~20000MHz	6823.5	-44.75	-13	PASS
Band2	9262	4	0.009~0.15MHz	0.01	-76.36	-43	PASS
Band2	9262	4	30~1000MHz	970.67	-53.87	-13	PASS
Band2	9262	4	0.15~30MHz	0.17	-71.33	-33	PASS
Band2	9262	5	0.009~0.15MHz	0.01	-76.42	-43	PASS
Band2	9262	5	1000~20000MHz	6491	-44.7	-13	PASS
Band2	9262	5	0.15~30MHz	0.25	-71.31	-33	PASS
Band2	9262	5	30~1000MHz	988.12	-54.11	-13	PASS
Band2	9400	1	1000~20000MHz	6500.5	-44.74	-13	PASS
Band2	9400	1	30~1000MHz	967.28	-54.09	-13	PASS
Band2	9400	1	0.009~0.15MHz	0.01	-76.18	-43	PASS
Band2	9400	1	0.15~30MHz	0.37	-72.26	-33	PASS
Band2	9400	2	0.009~0.15MHz	0.01	-76.38	-43	PASS
Band2	9400	2	30~1000MHz	992.49	-54.03	-13	PASS
Band2	9400	2	0.15~30MHz	0.25	-72.17	-33	PASS
Band2	9400	2	1000~20000MHz	6861.5	-44.67	-13	PASS
Band2	9400	3	0.15~30MHz	0.17	-70.2	-33	PASS
Band2	9400	3	30~1000MHz	995.88	-54.01	-13	PASS
Band2	9400	3	1000~20000MHz	6833	-44.55	-13	PASS
Band2	9400	3	0.009~0.15MHz	0.01	-76.28	-43	PASS
Band2	9400	4	0.009~0.15MHz	0.01	-76.39	-43	PASS
Band2	9400	4	1000~20000MHz	6842.5	-44.55	-13	PASS
Band2	9400	4	0.15~30MHz	0.2	-72.17	-33	PASS
Band2	9400	4	30~1000MHz	996.85	-54.1	-13	PASS
Band2	9400	5	1000~20000MHz	6519.5	-44.69	-13	PASS
Band2	9400	5	0.15~30MHz	20.86	-72.37	-33	PASS
Band2	9400	5	30~1000MHz	995.39	-53.98	-13	PASS
Band2	9400	5	0.009~0.15MHz	0.01	-76.25	-43	PASS
Band2	9538	1	1000~20000MHz	6500.5	-44.6	-13	PASS
Band2	9538	1	30~1000MHz	976.49	-53.86	-13	PASS
Band2	9538	1	0.15~30MHz	0.17	-71.43	-33	PASS
Band2	9538	1	0.009~0.15MHz	0.01	-76.35	-43	PASS
Band2	9538	2	0.009~0.15MHz	0.01	-76.34	-43	PASS
Band2	9538	2	0.15~30MHz	0.17	-72.1	-33	PASS
Band2	9538	2	30~1000MHz	941.1	-53.99	-13	PASS
Band2	9538	2	1000~20000MHz	6852	-44.67	-13	PASS
Band2	9538	3	30~1000MHz	937.71	-54.03	-13	PASS
Band2	9538	3	1000~20000MHz	6510	-44.7	-13	PASS
Band2	9538	3	0.009~0.15MHz	0.01	-76.4	-43	PASS
Band2	9538	3	0.15~30MHz	0.17	-72.2	-33	PASS
Band2	9538	4	0.009~0.15MHz	0.01	-76.54	-43	PASS
Band2	9538	4	1000~20000MHz	6861.5	-44.58	-13	PASS

Band2	9538	4	0.15~30MHz	0.25	-71.6	-33	PASS
Band2	9538	4	30~1000MHz	968.25	-54	-13	PASS
Band2	9538	5	1000~20000MHz	6519.5	-44.65	-13	PASS
Band2	9538	5	0.009~0.15MHz	0.01	-76.3	-43	PASS
Band2	9538	5	0.15~30MHz	0.46	-72.37	-33	PASS
Band2	9538	5	30~1000MHz	960.98	-53.9	-13	PASS

Test Graphs

