

Appendix for WCDMA Band 2

Product Name: TITAN 5400

Model No: G5G-X62O

AppendixA: Average Power Output Data

Test Result

Band	Channel	Power(dBm)	Limit(dBm)	Verdict
Band2	9262	22.69	33.01	PASS
Band2	9400	22.39	33.01	PASS
Band2	9538	21.97	33.01	PASS

Band	Channel	SubTest	Power(dBm)	Limit(dBm)	Verdict
Band2	9262	1	21.25	33.01	PASS
Band2	9262	2	20.61	33.01	PASS
Band2	9262	3	20.71	33.01	PASS
Band2	9262	4	20.57	33.01	PASS
Band2	9400	1	20.89	33.01	PASS
Band2	9400	2	20.37	33.01	PASS
Band2	9400	3	20.43	33.01	PASS
Band2	9400	4	20.36	33.01	PASS
Band2	9538	1	20.72	33.01	PASS
Band2	9538	2	20.15	33.01	PASS
Band2	9538	3	20.58	33.01	PASS
Band2	9538	4	20.59	33.01	PASS

Band	Channel	SubTest	Power(dBm)	Limit(dBm)	Verdict
Band2	9262	1	20.42	33.01	PASS
Band2	9262	2	20.55	33.01	PASS
Band2	9262	3	20.27	33.01	PASS
Band2	9262	4	20.85	33.01	PASS
Band2	9262	5	20.86	33.01	PASS
Band2	9400	1	20.35	33.01	PASS
Band2	9400	2	20.34	33.01	PASS
Band2	9400	3	20.68	33.01	PASS
Band2	9400	4	20.72	33.01	PASS
Band2	9400	5	20.51	33.01	PASS
Band2	9538	1	20.89	33.01	PASS
Band2	9538	2	20.85	33.01	PASS
Band2	9538	3	20.91	33.01	PASS
Band2	9538	4	20.45	33.01	PASS
Band2	9538	5	20.84	33.01	PASS

AppendixB:Peak-to-Average Ratio

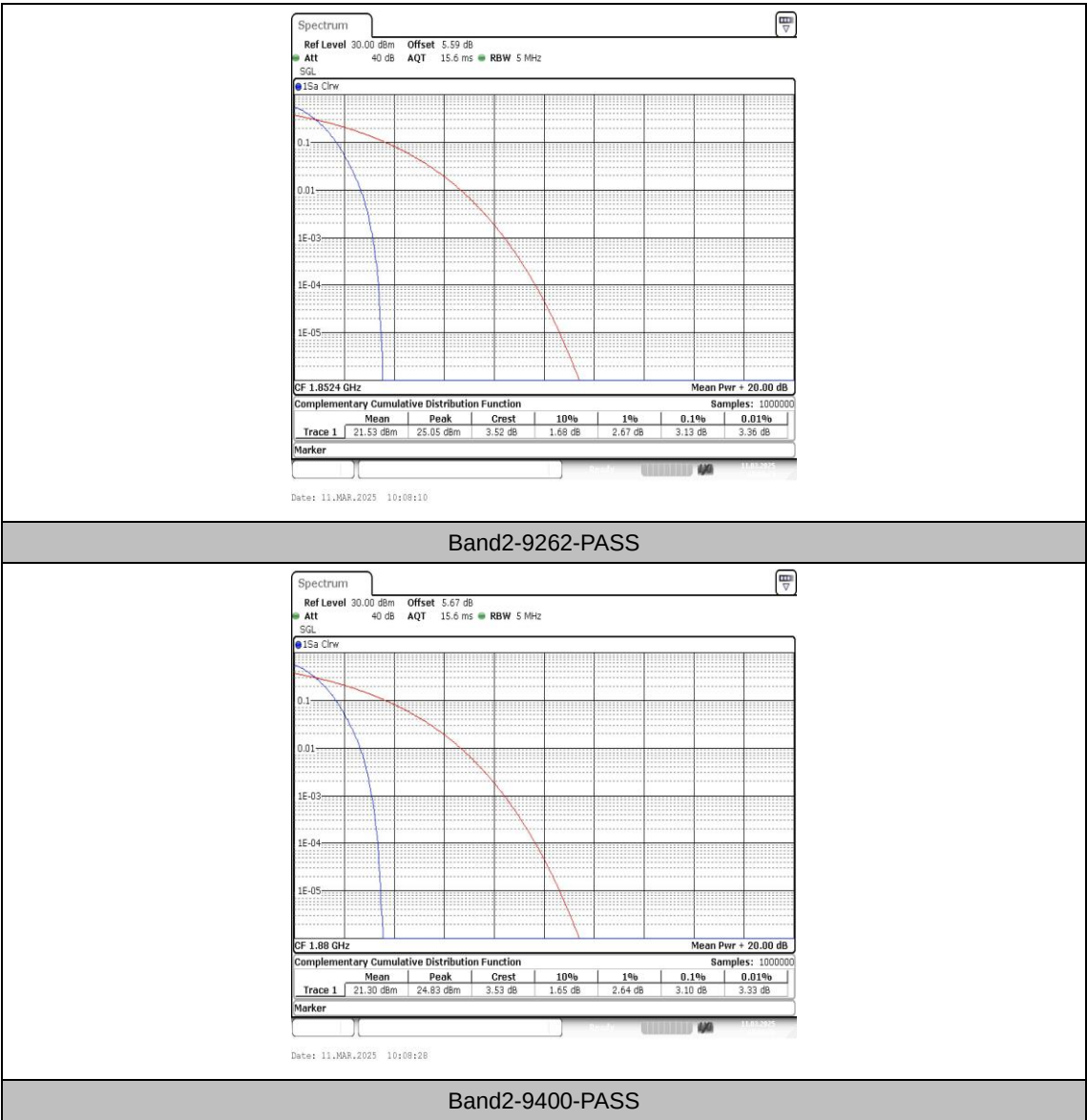
Test Result

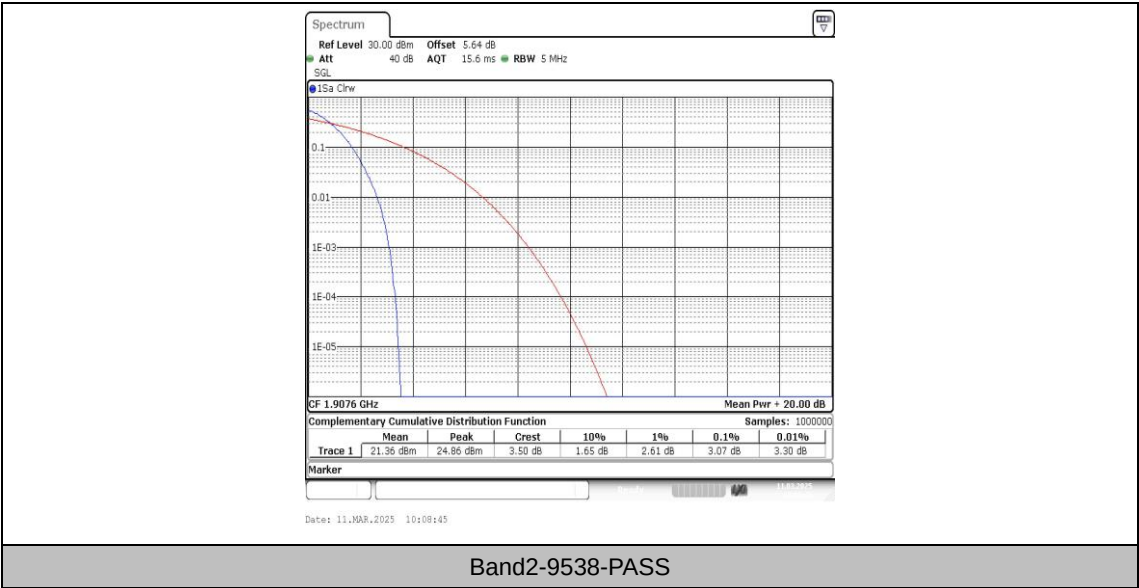
Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9262	3.13	13	PASS
Band2	9400	3.10	13	PASS
Band2	9538	3.07	13	PASS

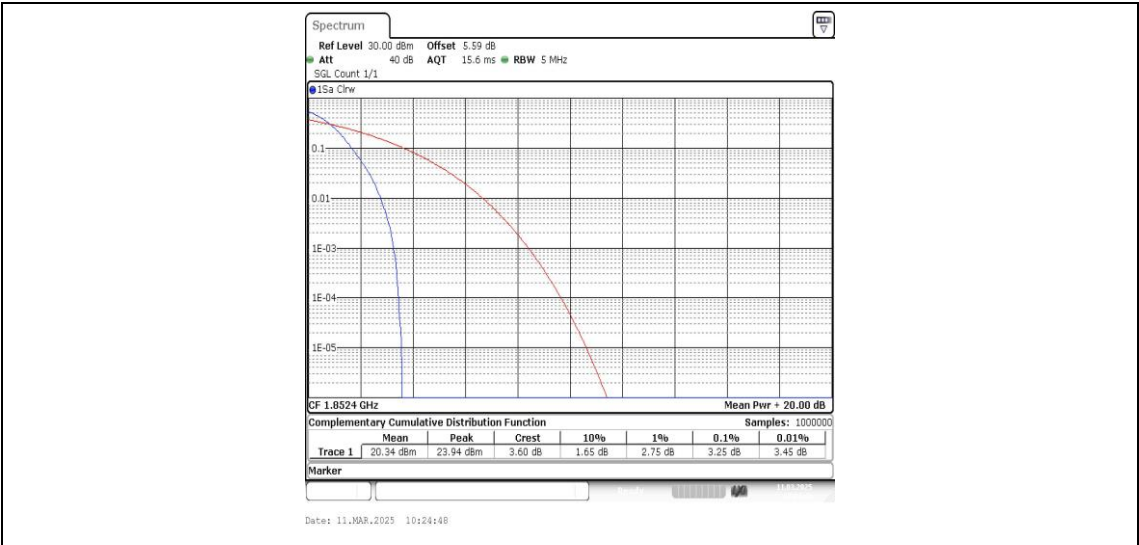
Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9262	1	3.25	13	PASS
Band2	9262	2	3.45	13	PASS
Band2	9262	3	3.65	13	PASS
Band2	9262	4	3.71	13	PASS
Band2	9400	1	3.22	13	PASS
Band2	9400	2	3.45	13	PASS
Band2	9400	3	3.62	13	PASS
Band2	9400	4	3.68	13	PASS
Band2	9538	1	3.19	13	PASS
Band2	9538	2	3.45	13	PASS
Band2	9538	3	3.62	13	PASS
Band2	9538	4	3.68	13	PASS

Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9262	1	4.49	13	PASS
Band2	9262	2	5.57	13	PASS
Band2	9262	3	5.10	13	PASS
Band2	9262	4	5.68	13	PASS
Band2	9262	5	4.32	13	PASS
Band2	9400	1	4.43	13	PASS
Band2	9400	2	5.48	13	PASS
Band2	9400	3	5.1	13	PASS
Band2	9400	4	5.54	13	PASS
Band2	9400	5	4.26	13	PASS
Band2	9538	1	4.41	13	PASS
Band2	9538	2	5.45	13	PASS
Band2	9538	3	5.04	13	PASS
Band2	9538	4	5.54	13	PASS
Band2	9538	5	4.23	13	PASS

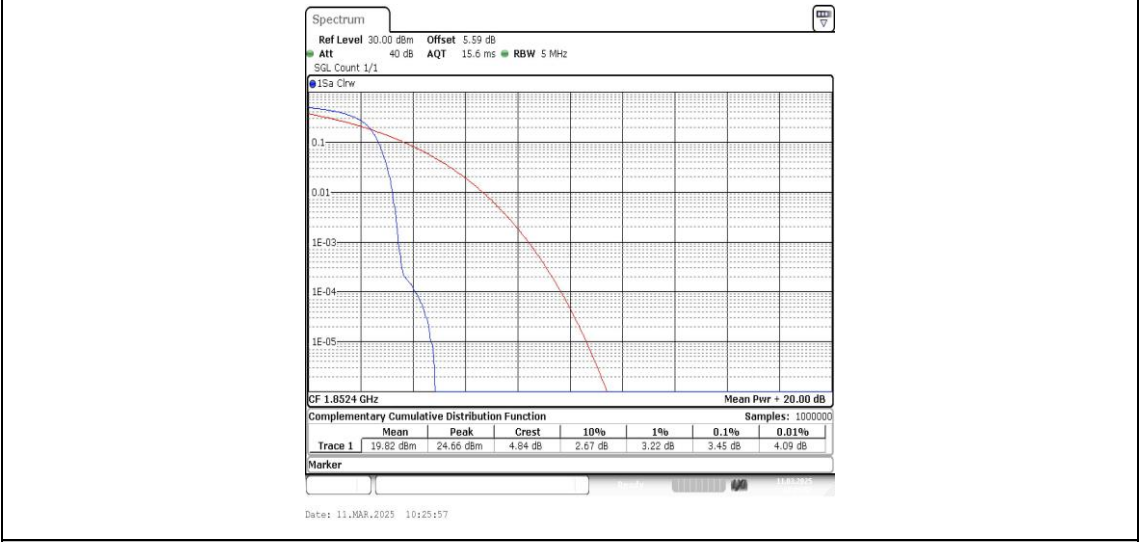
Test Graphs



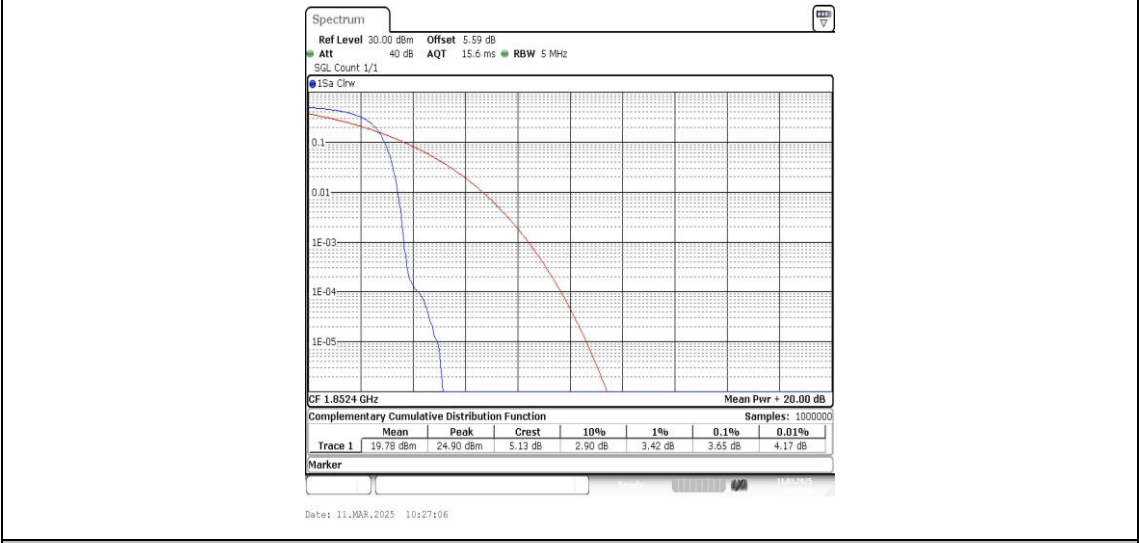




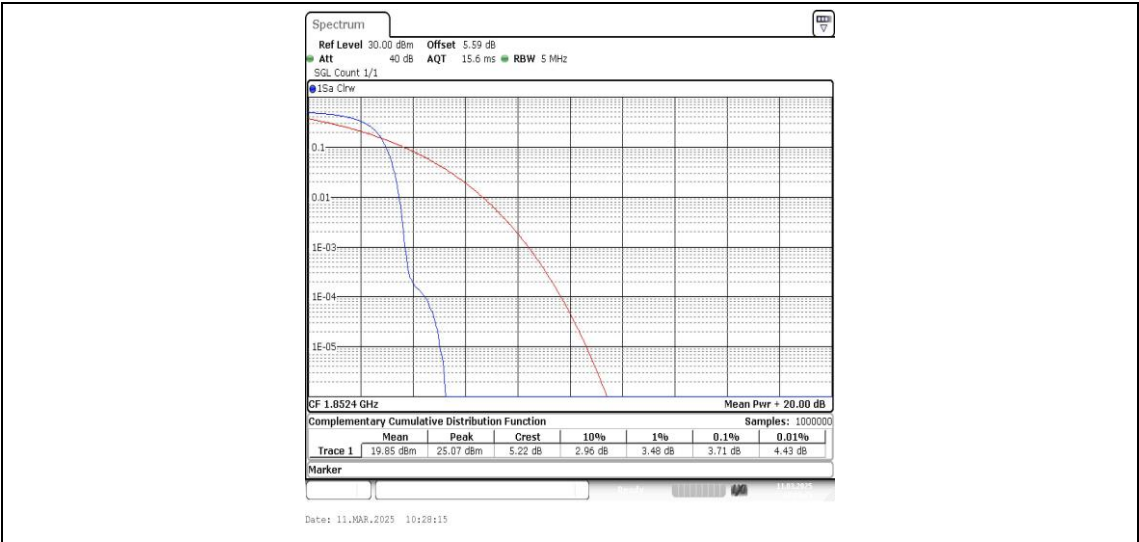
Band2-9262-1-PASS



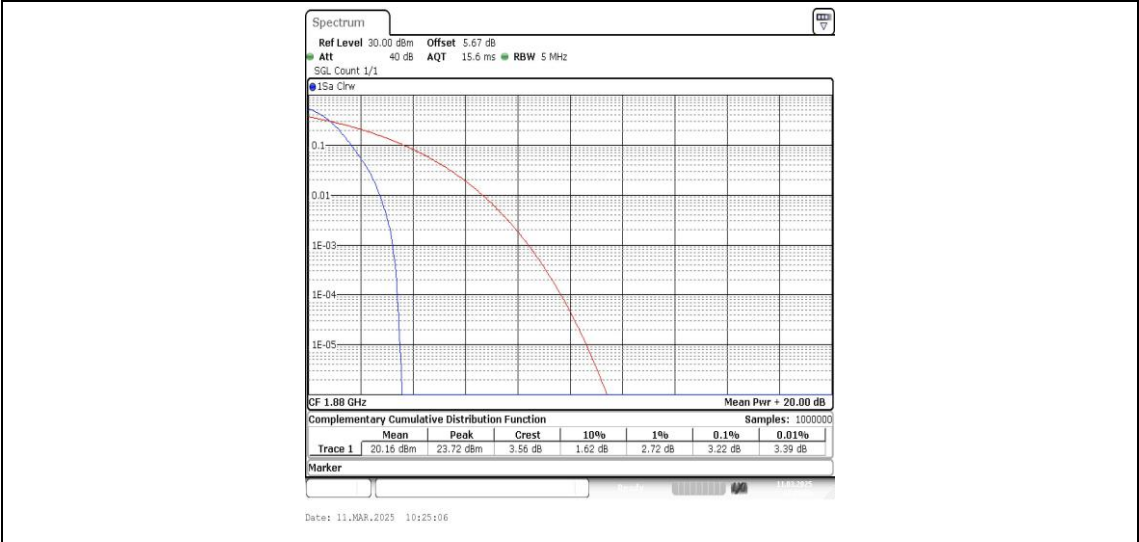
Band2-9262-2-PASS



Band2-9262-3-PASS



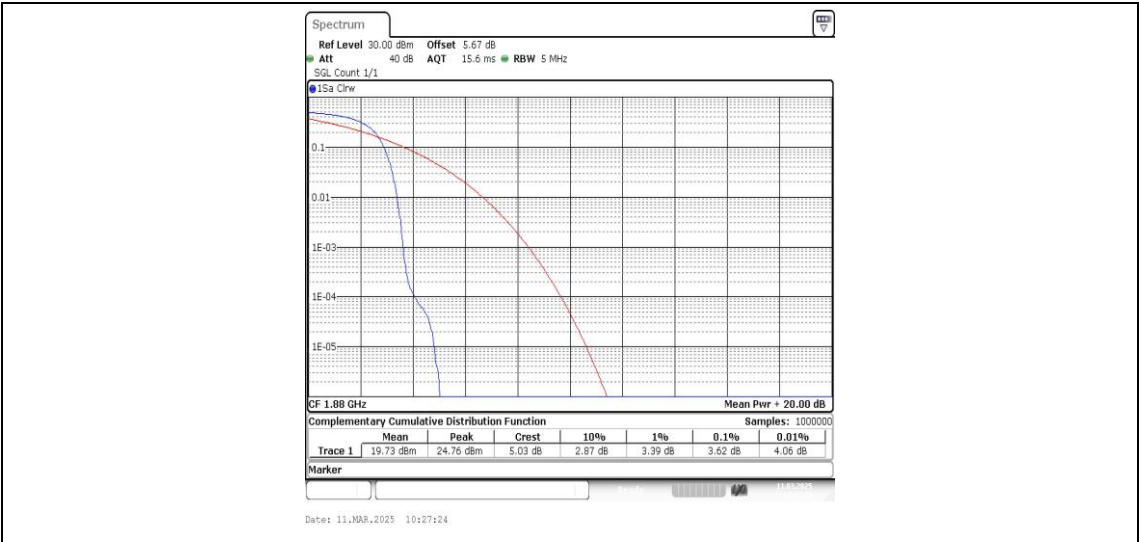
Band2-9262-4-PASS



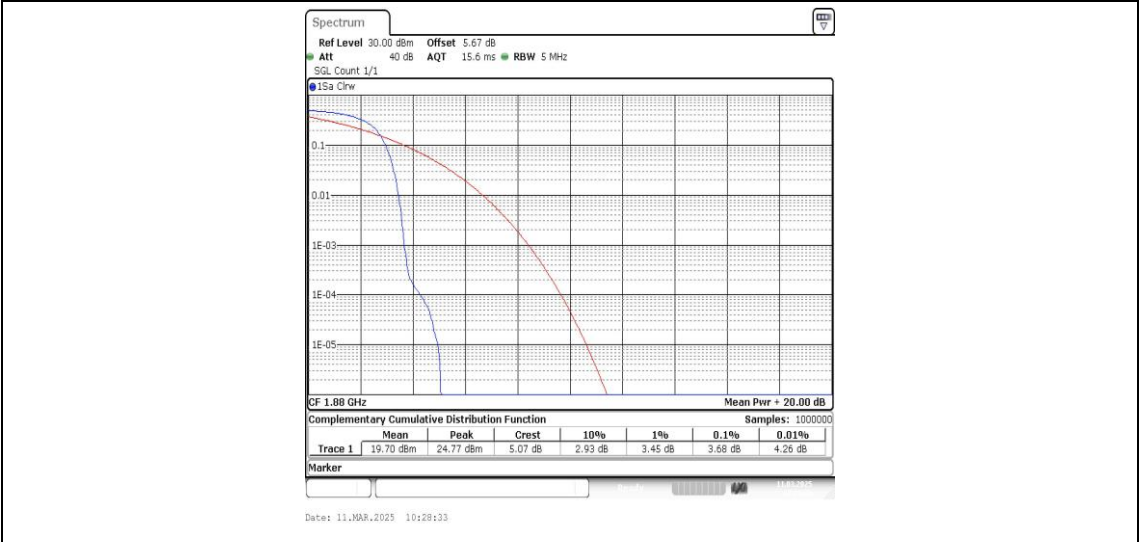
Band2-9400-1-PASS



Band2-9400-2-PASS



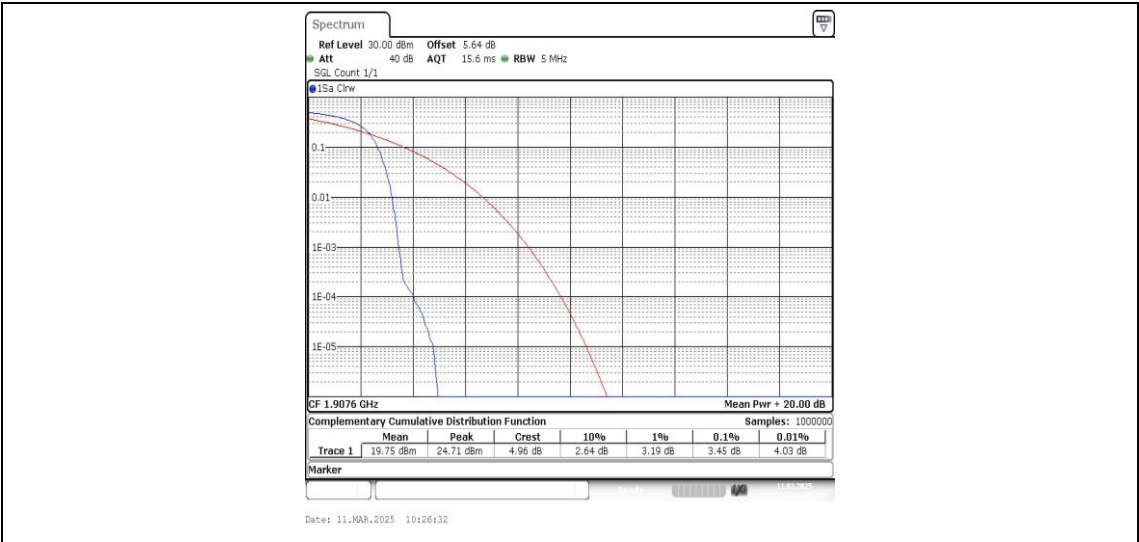
Band2-9400-3-PASS



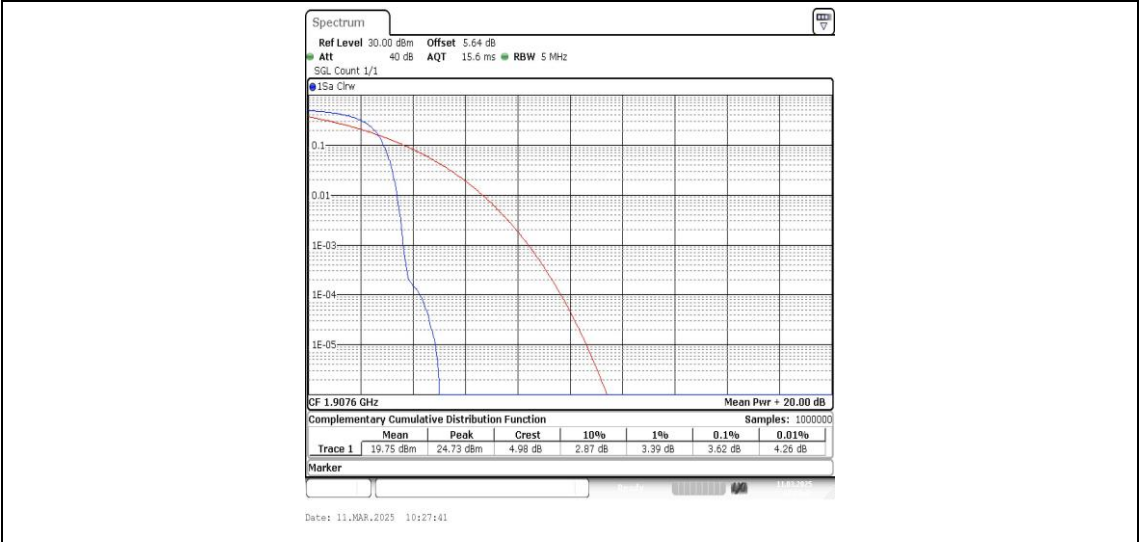
Band2-9400-4-PASS



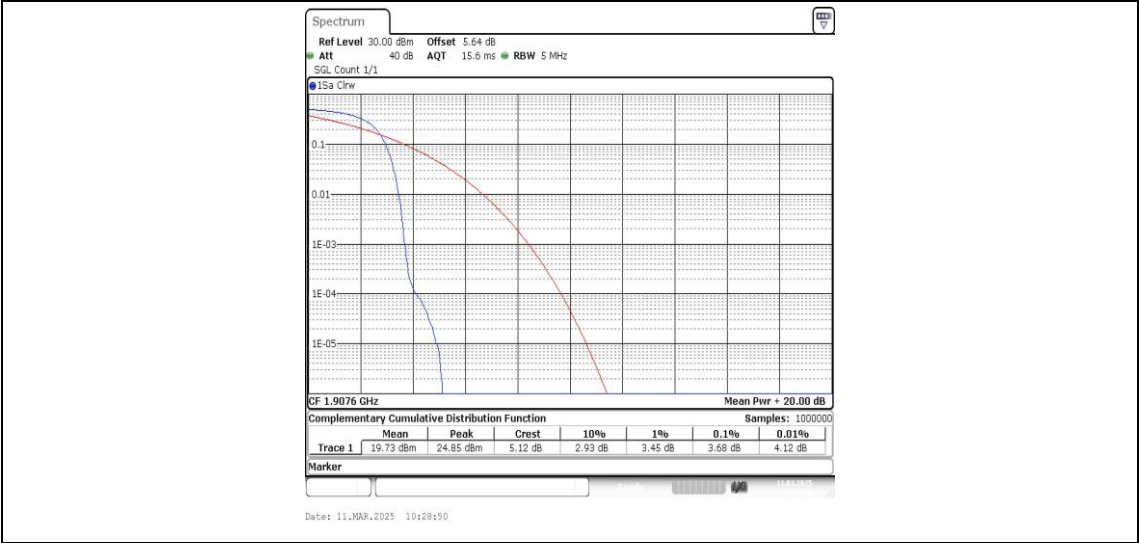
Band2-9538-1-PASS



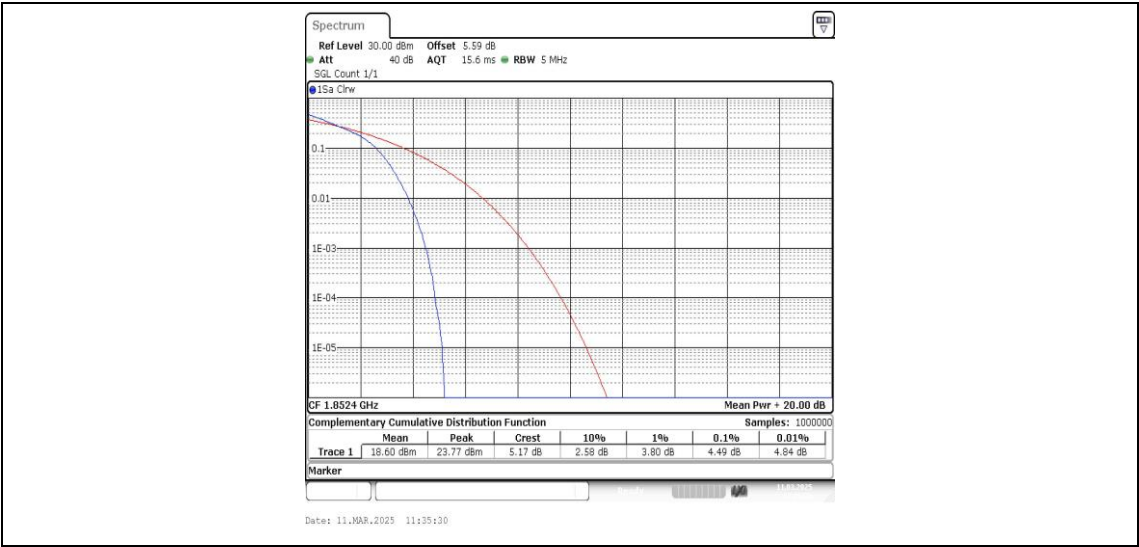
Band2-9538-2-PASS



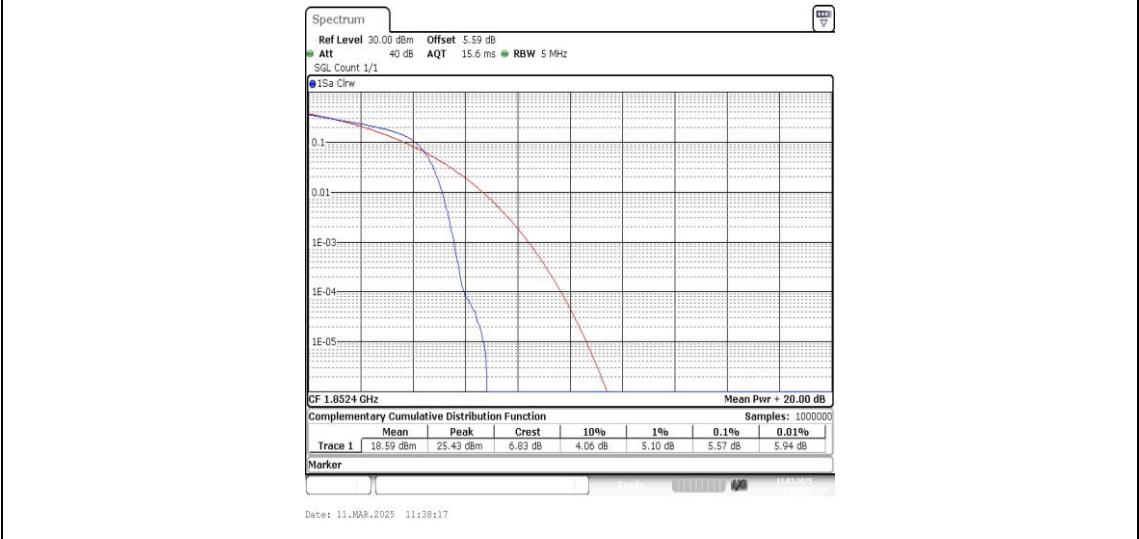
Band2-9538-3-PASS



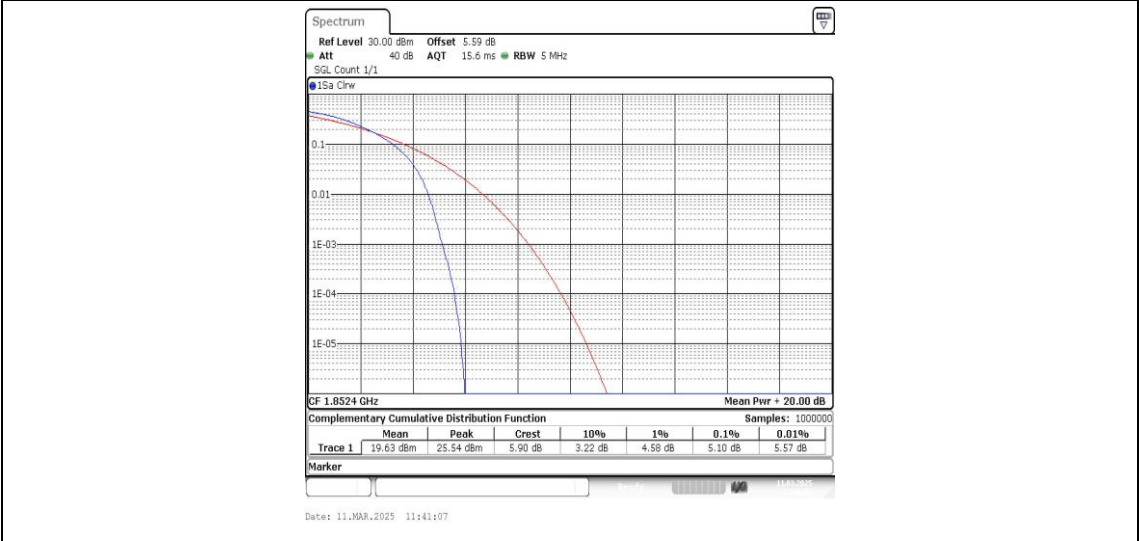
Band2-9538-4-PASS



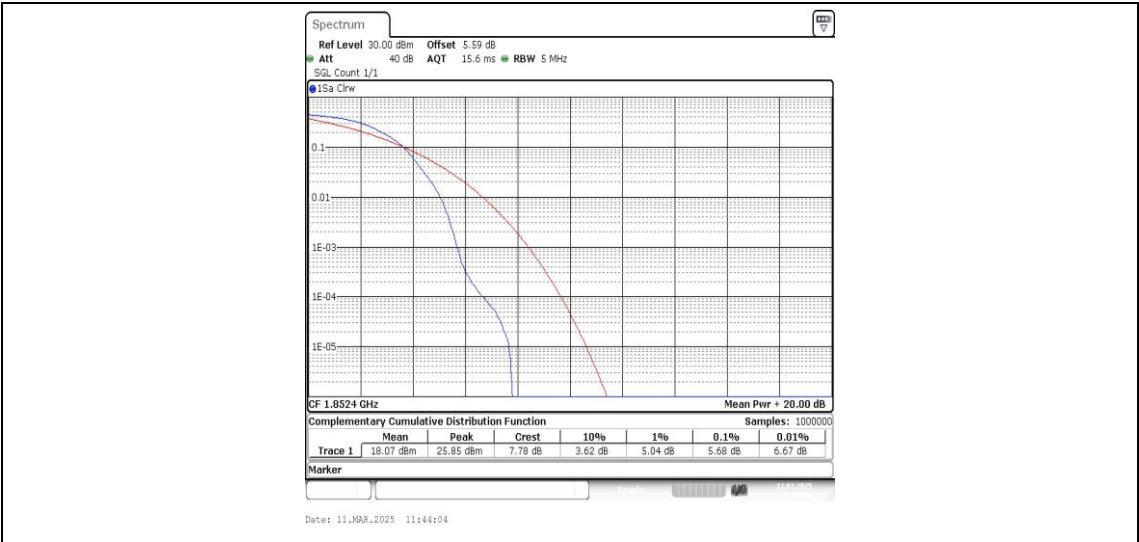
Band2-9262-1-PASS



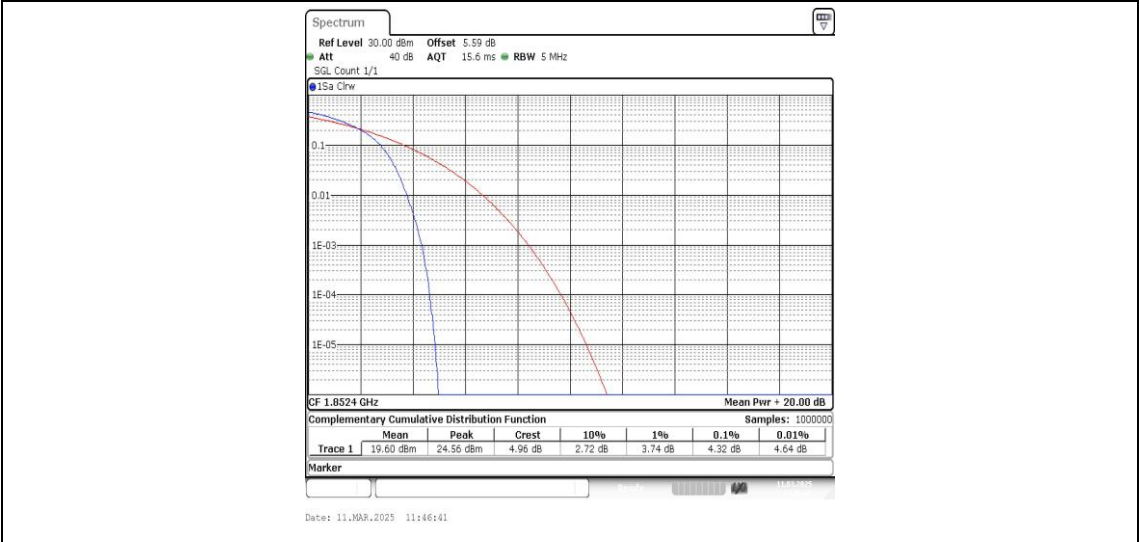
Band2-9262-2-PASS



Band2-9262-3-PASS



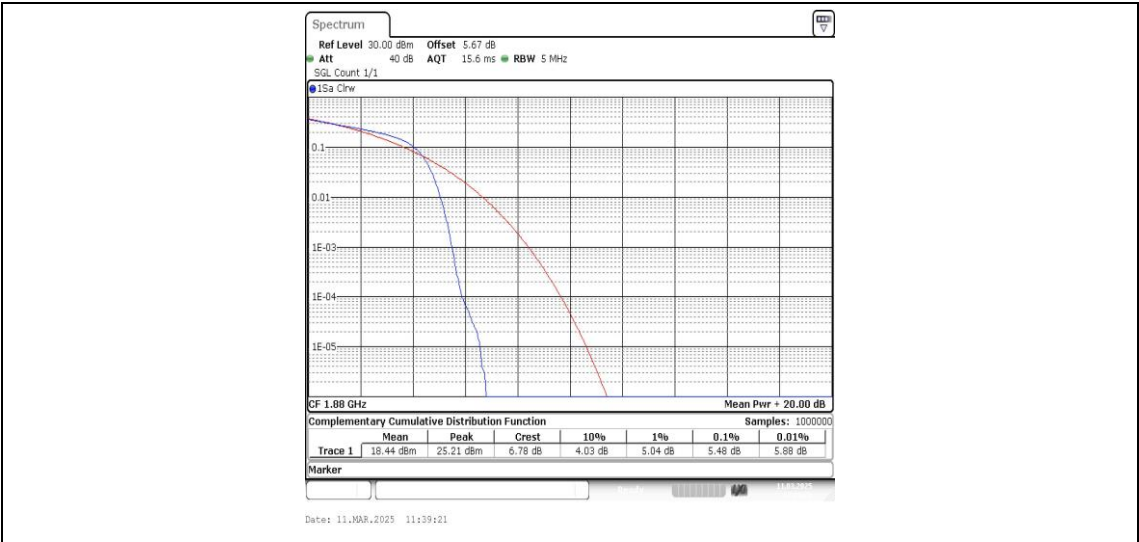
Band2-9262-4-PASS



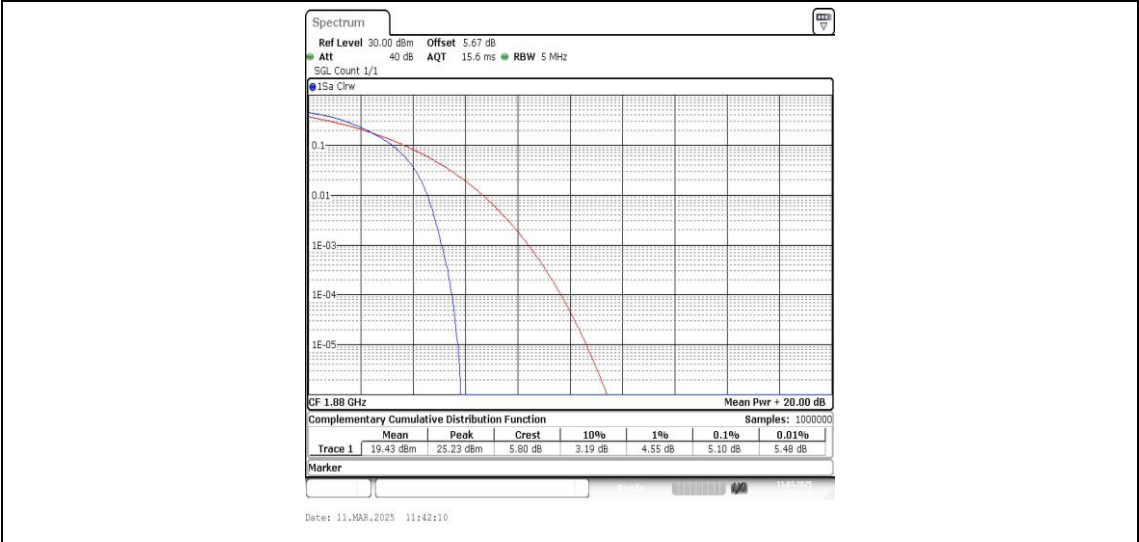
Band2-9262-5-PASS



Band2-9400-1-PASS



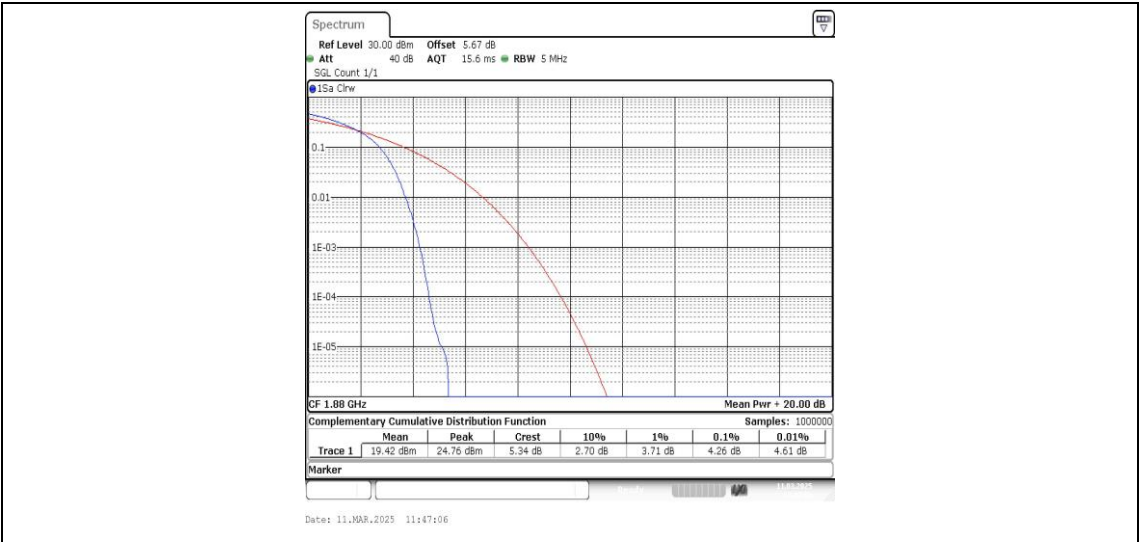
Band2-9400-2-PASS



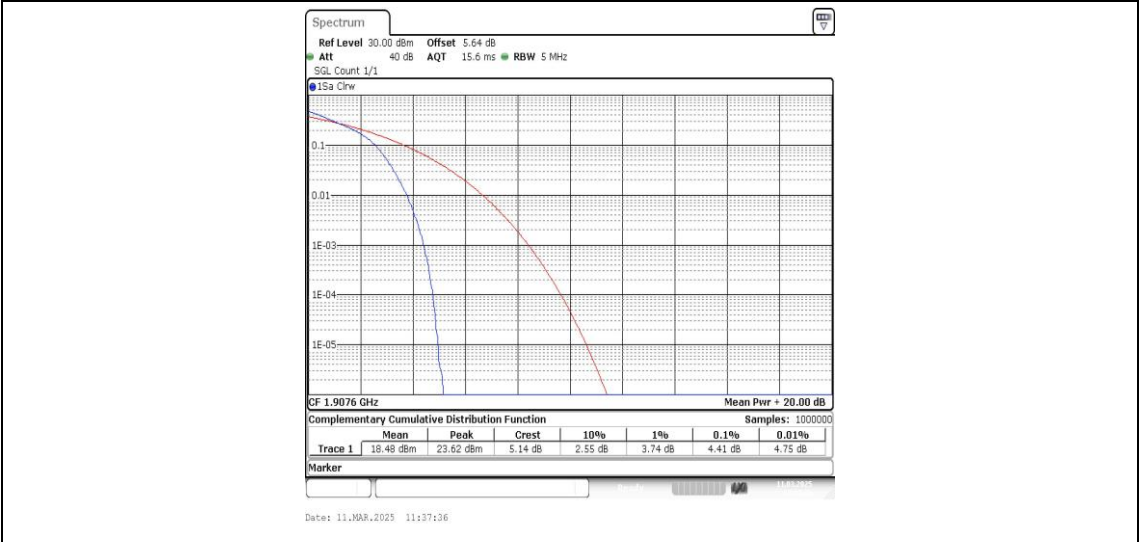
Band2-9400-3-PASS



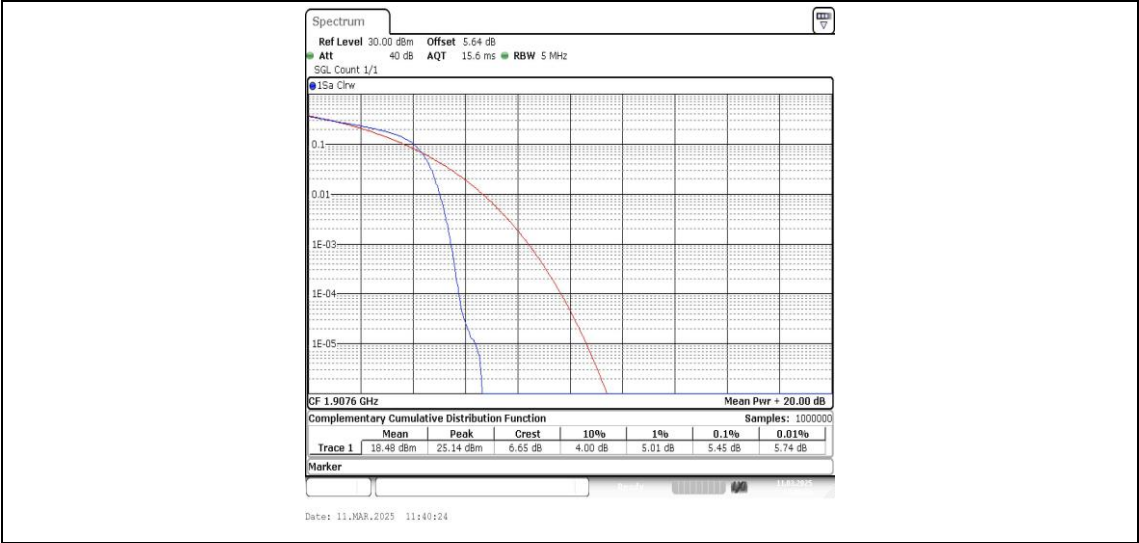
Band2-9400-4-PASS



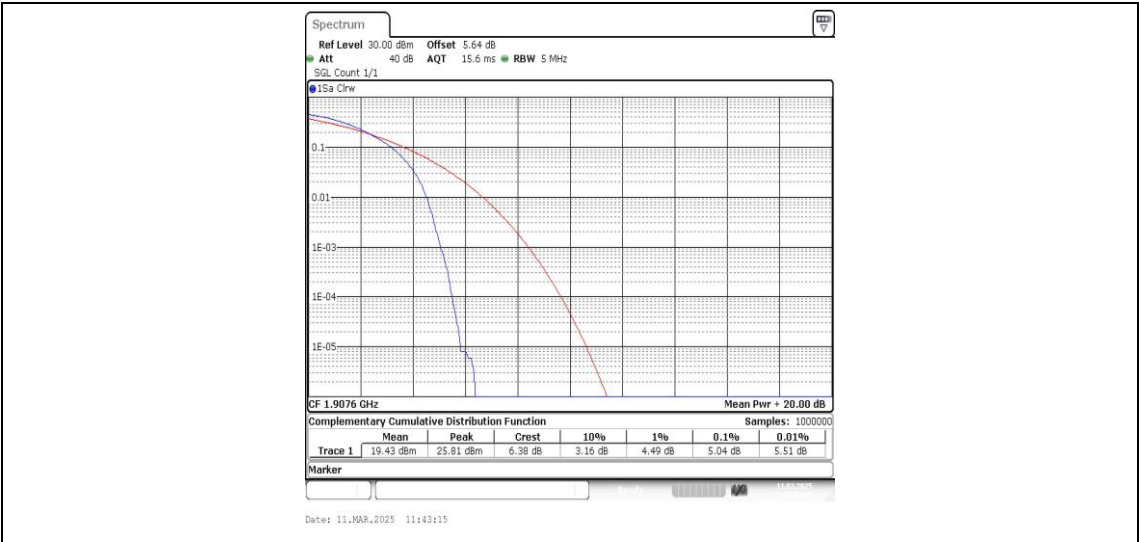
Band2-9400-5-PASS



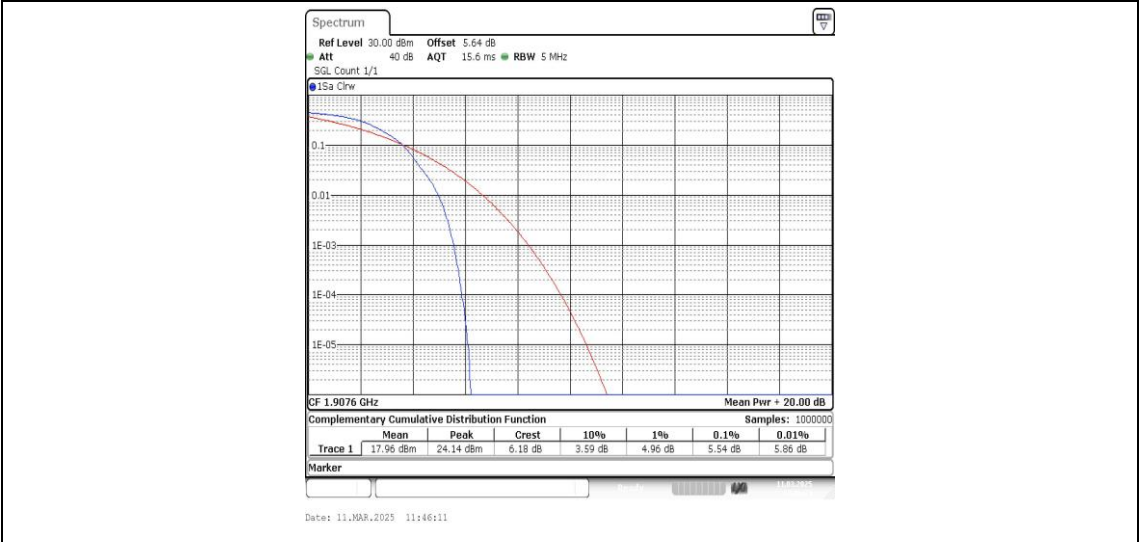
Band2-9538-1-PASS



Band2-9538-2-PASS



Band2-9538-3-PASS



Band2-9538-4-PASS



Band2-9538-5-PASS

AppendixC:26dB Bandwidth andOccupied Bandwidth

Test Result

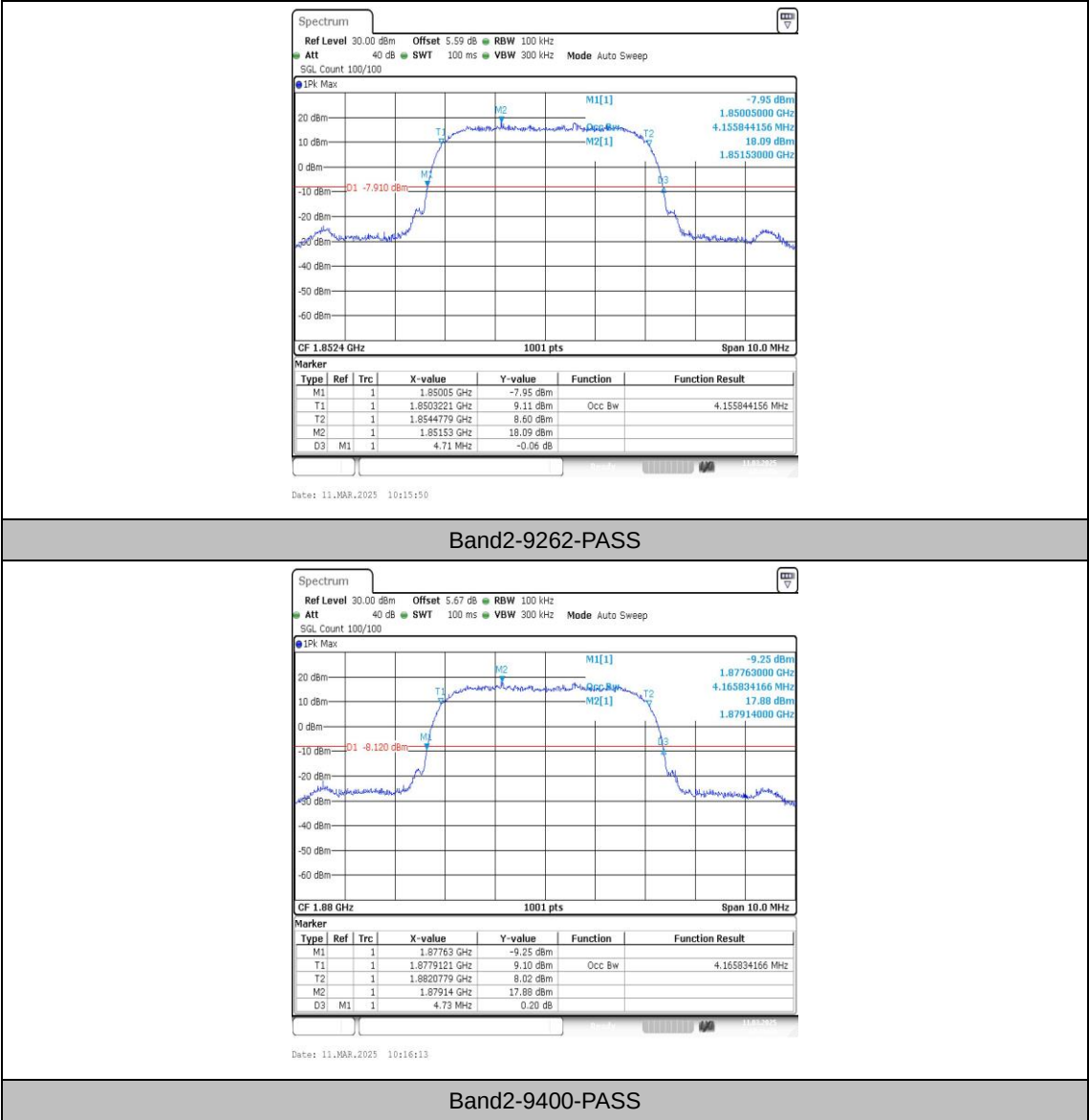
Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(MHz)	Verdict
Band2	9262	4.156	4.71	---	PASS
Band2	9400	4.166	4.73	---	PASS
Band2	9538	4.166	4.72	---	PASS

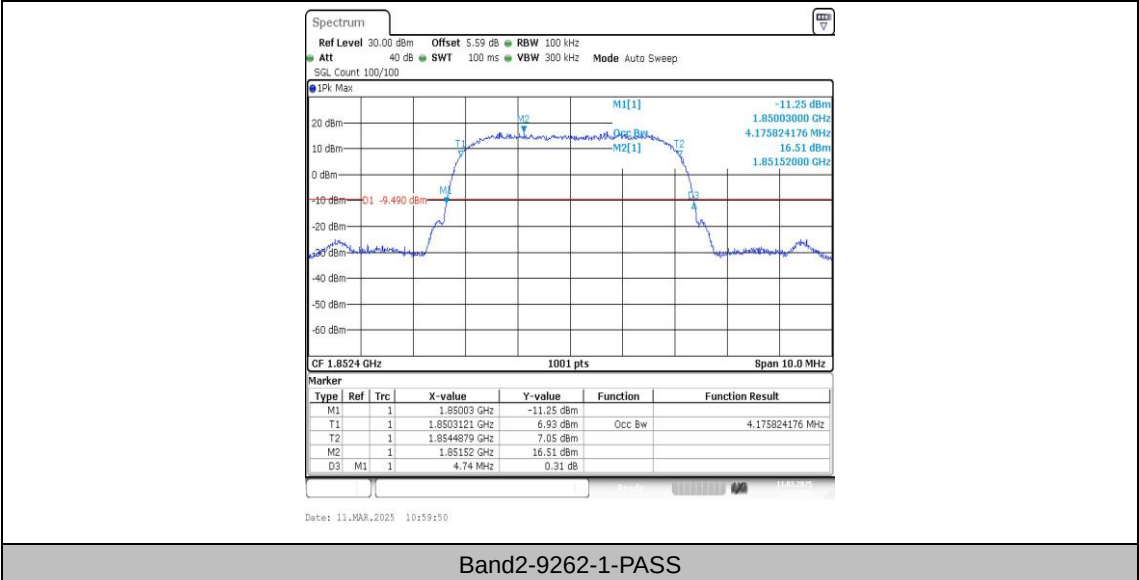
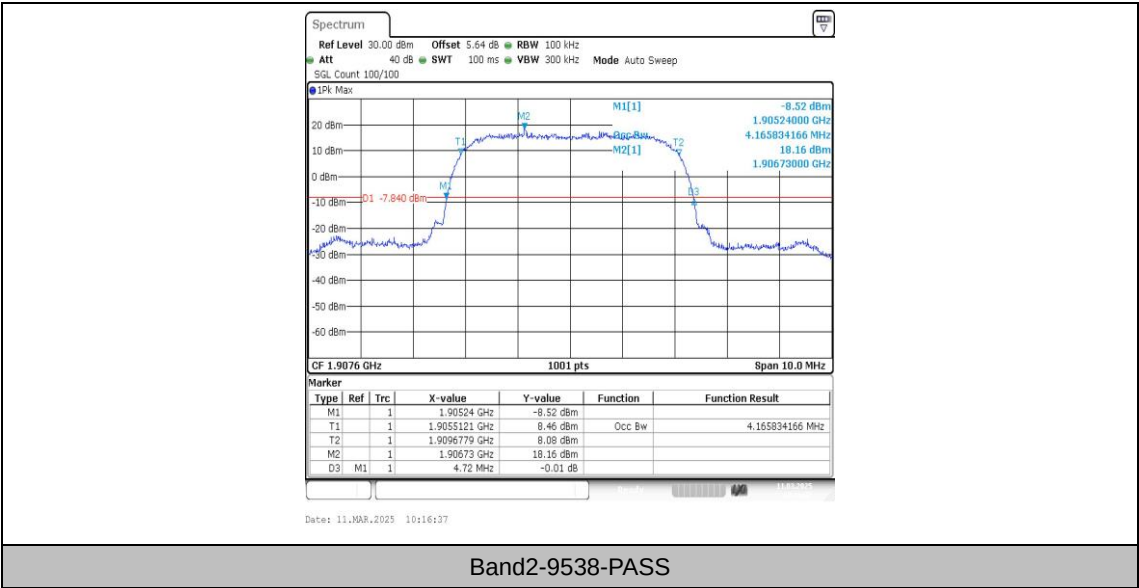
Band	Channel	SubTest	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(MHz)	Verdict
Band2	9262	1	4.176	4.74	---	PASS
Band2	9262	2	4.186	4.73	---	PASS
Band2	9262	3	4.176	4.72	---	PASS
Band2	9262	4	4.186	4.74	---	PASS
Band2	9400	1	4.176	4.74	---	PASS
Band2	9400	2	4.166	4.73	---	PASS
Band2	9400	3	4.176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

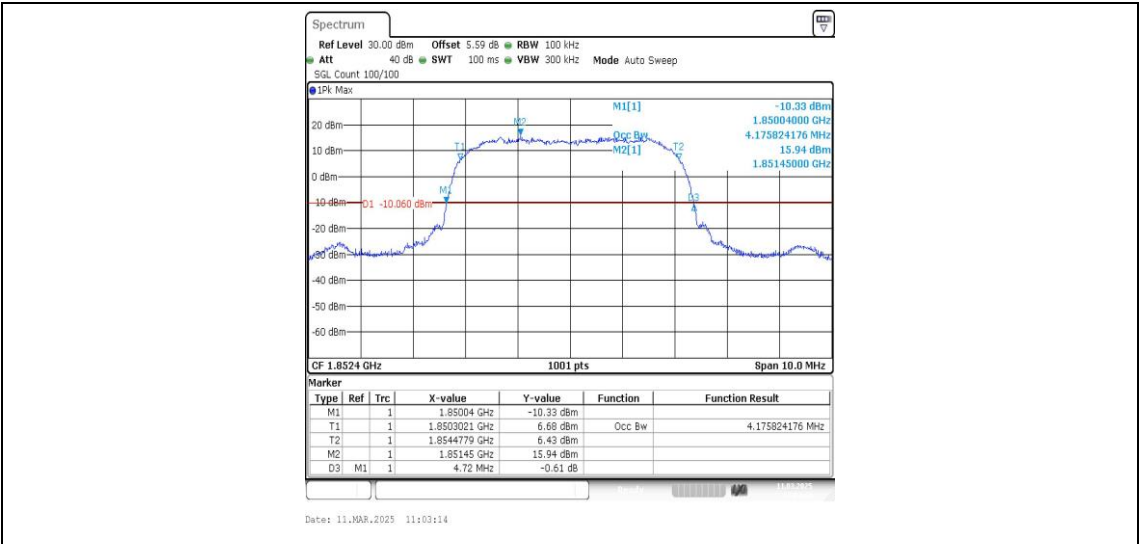
Band	Channel	SubTest	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(MHz)	Verdict
Band2	9262	1	4.186	4.73	---	PASS
Band2	9262	2	4.196	4.74	---	PASS
Band2	9262	3	4.196	4.73	---	PASS
Band2	9262	4	4.186	4.74	---	PASS
Band2	9262	5	4.176	4.71	---	PASS
Band2	9400	1	4.196	4.73	---	PASS
Band2	9400	2	4.196	4.73	---	PASS
Band2	9400	3	4.206	4.74	---	PASS
Band2	9400	4	4.196	4.73	---	PASS
Band2	9400	5	4.176	4.72	---	PASS

Band2	9538	1	4.196	4.75	---	PASS
Band2	9538	2	4.196	4.75	---	PASS
Band2	9538	3	4.196	4.72	---	PASS
Band2	9538	4	4.196	4.72	---	PASS
Band2	9538	5	4.176	4.73	---	PASS

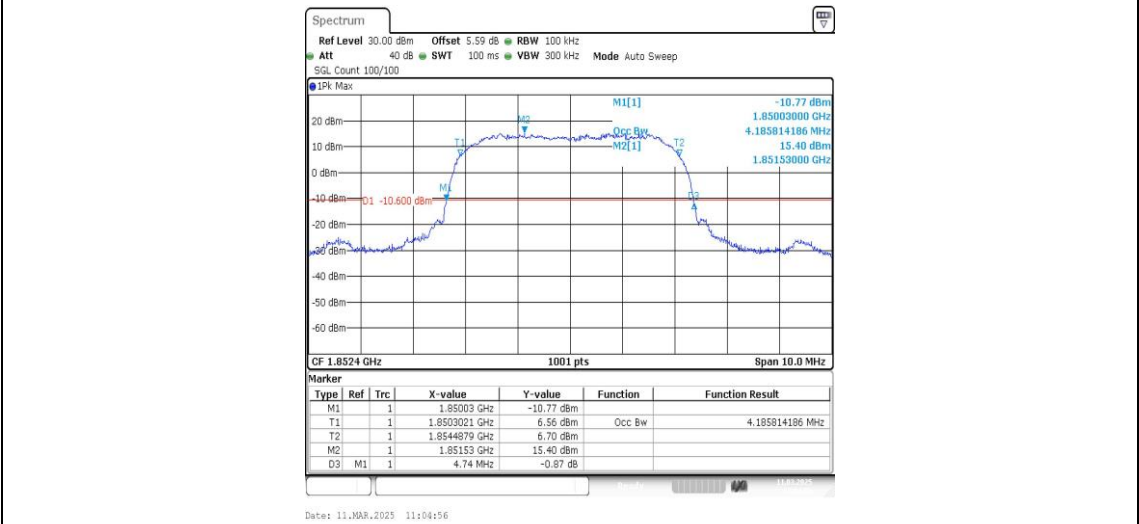
Test Graphs



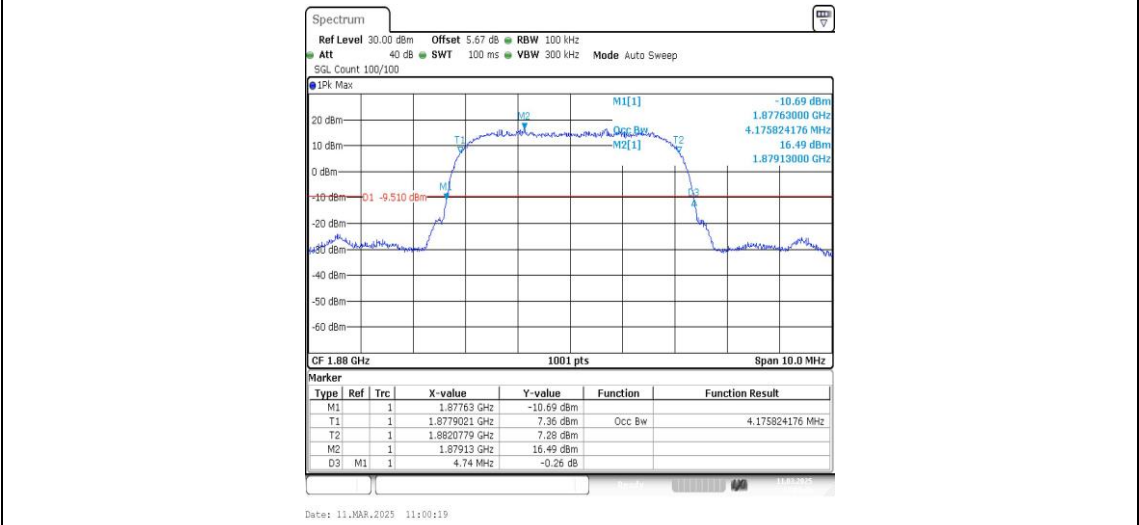




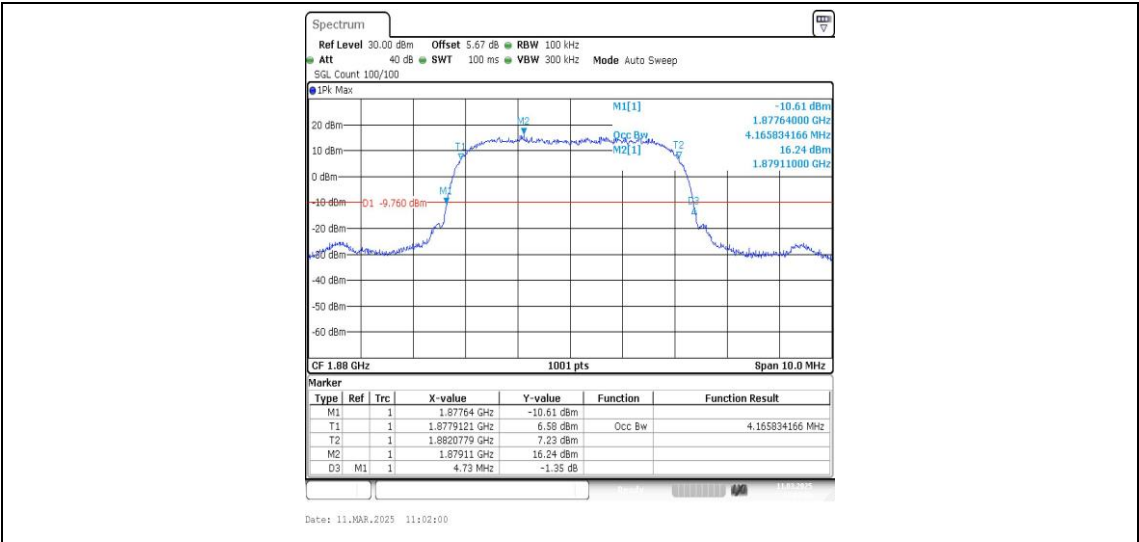
Band2-9262-3-PASS



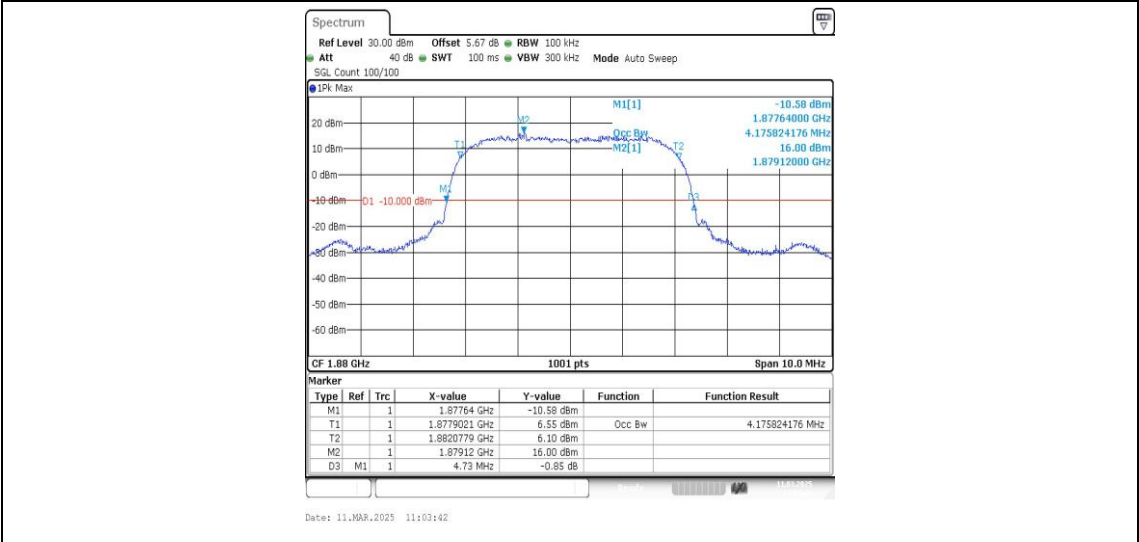
Band2-9262-4-PASS



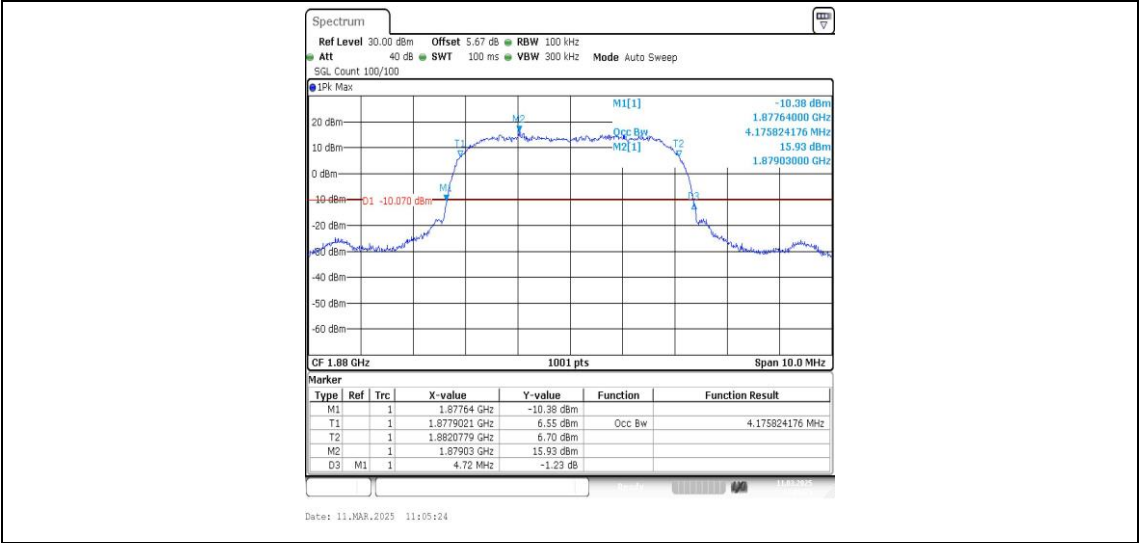
Band2-9400-1-PASS



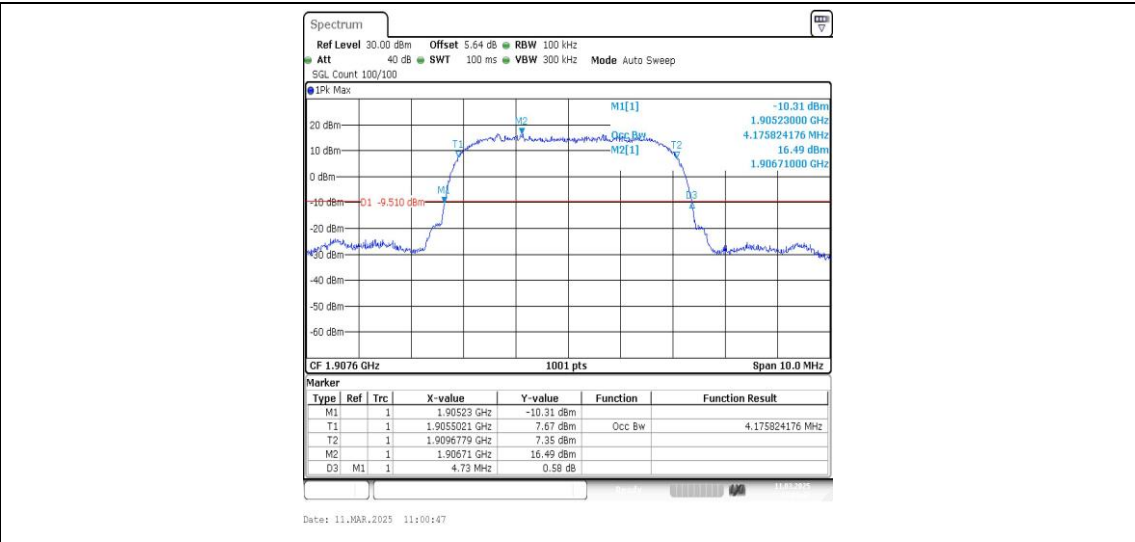
Band2-9400-2-PASS



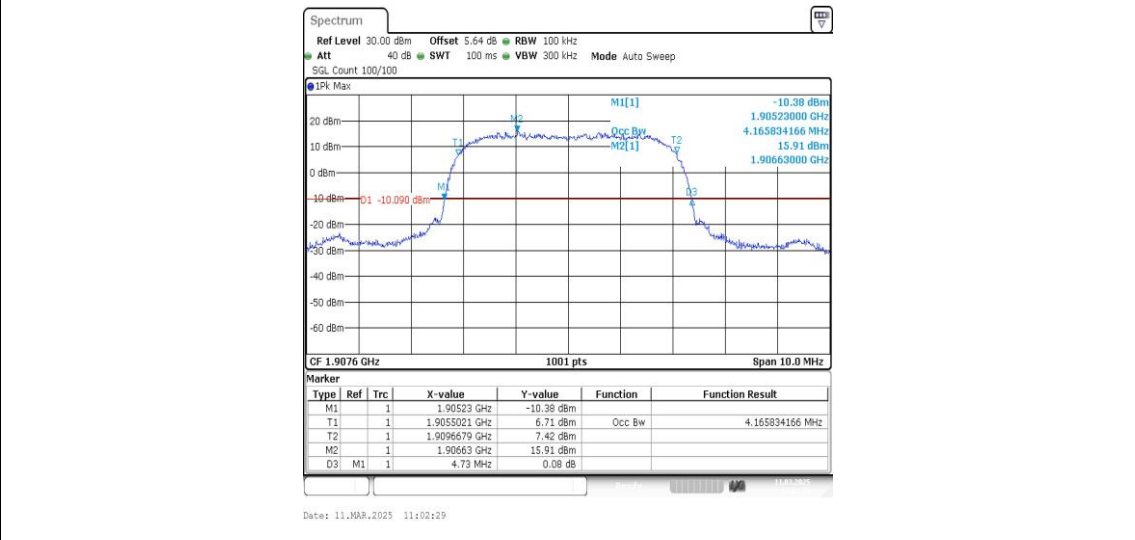
Band2-9400-3-PASS



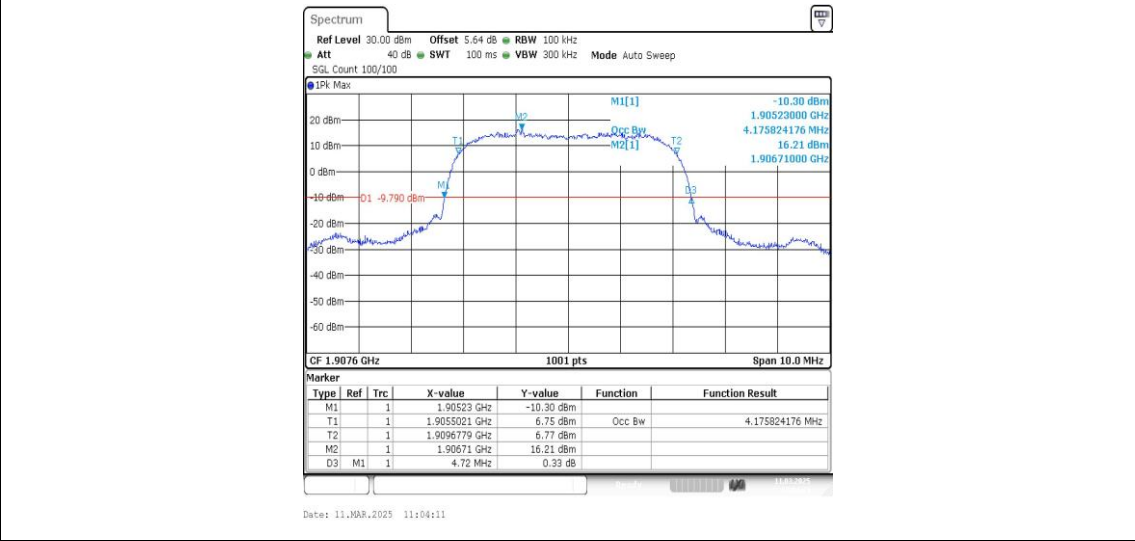
Band2-9400-4-PASS



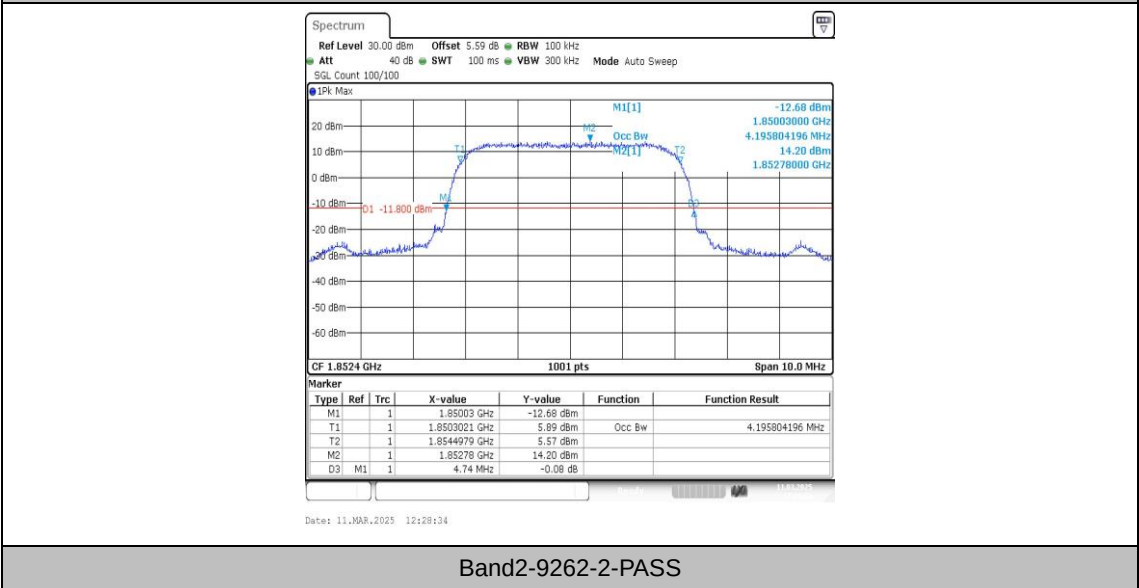
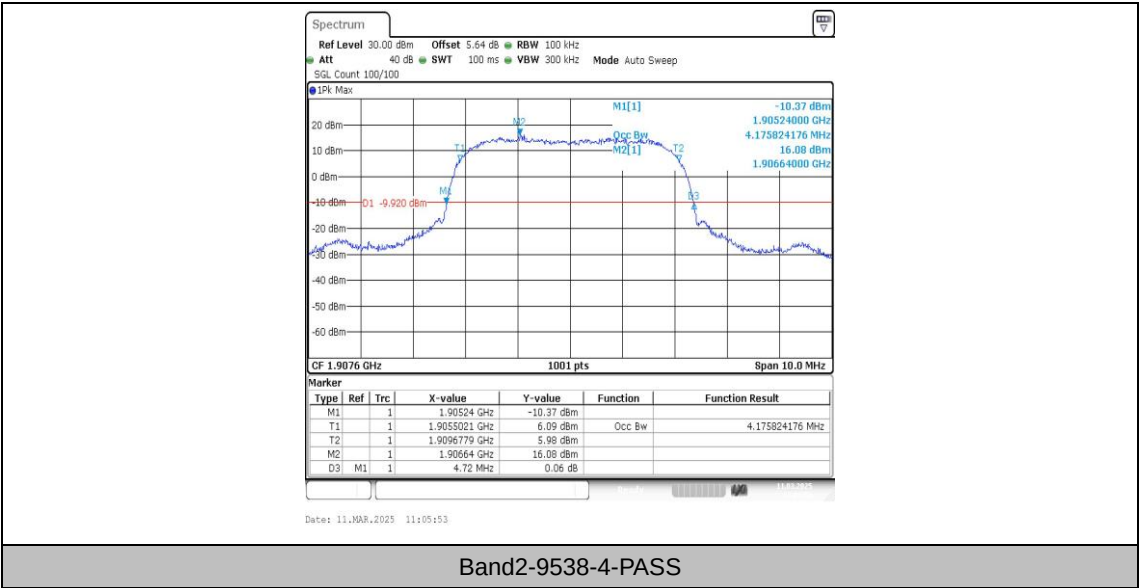
Band2-9538-1-PASS

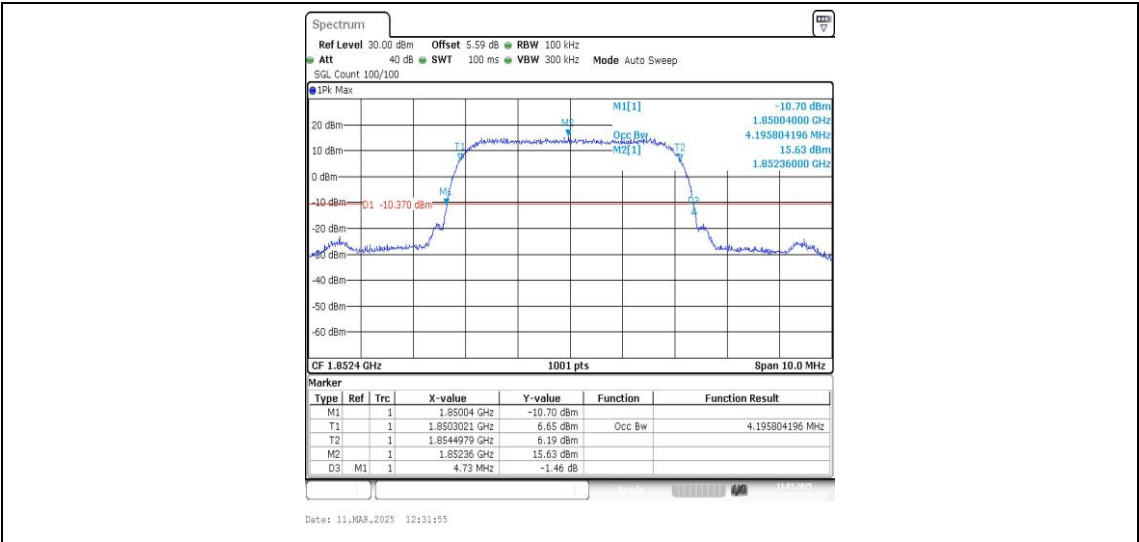


Band2-9538-2-PASS

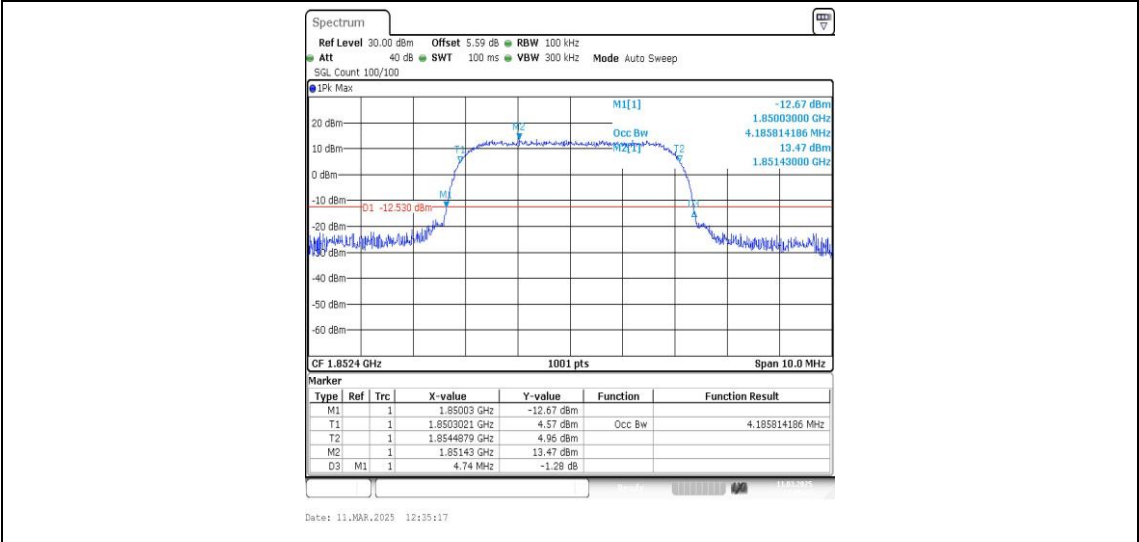


Band2-9538-3-PASS

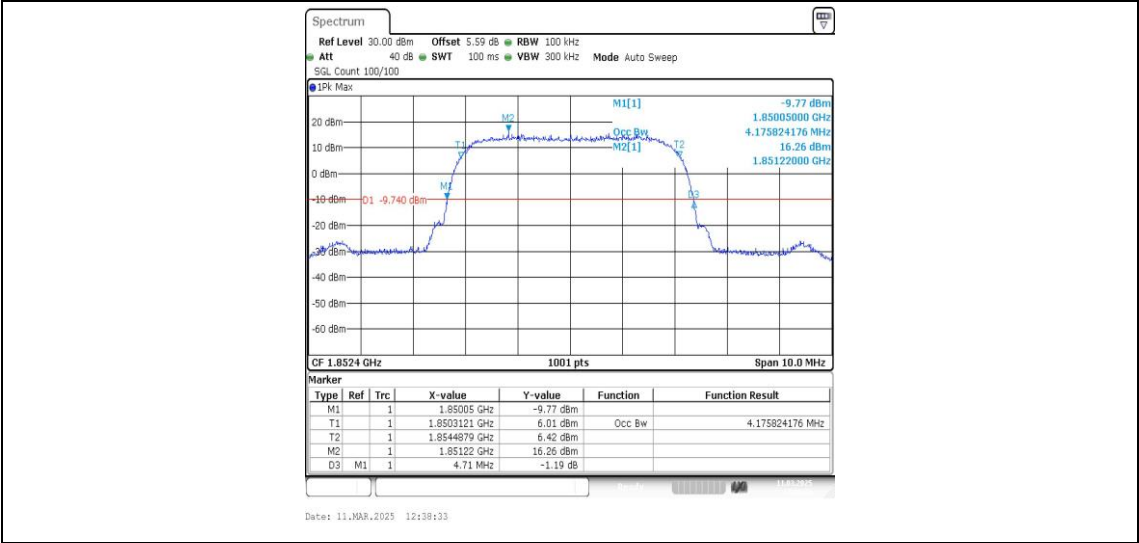




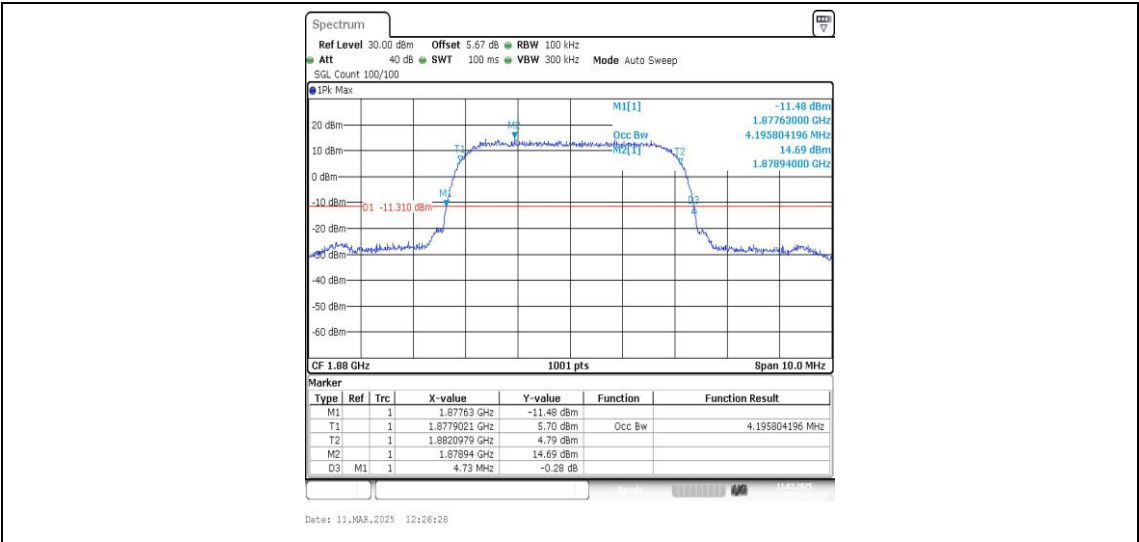
Band2-9262-3-PASS



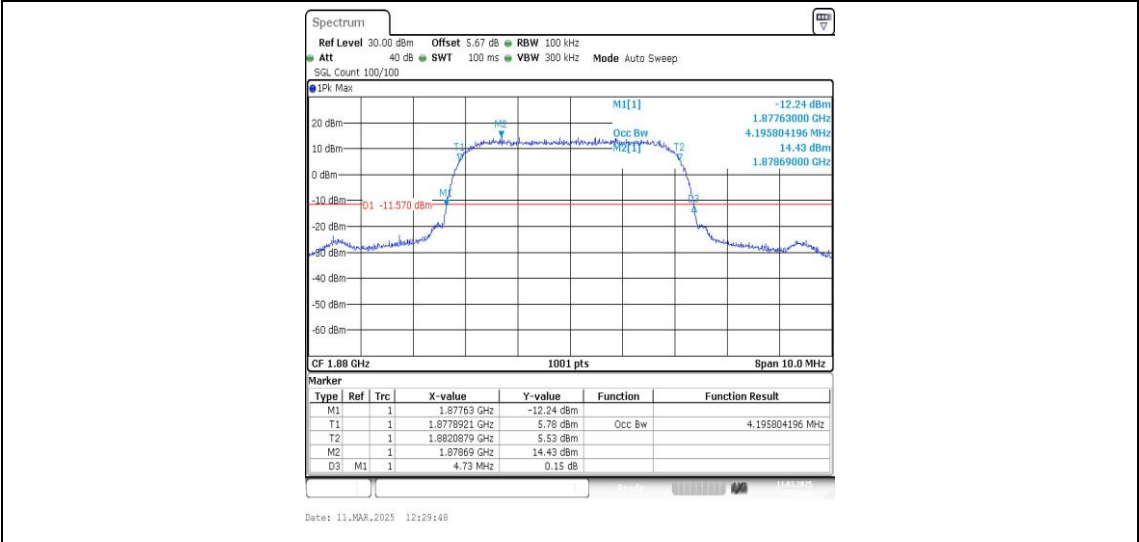
Band2-9262-4-PASS



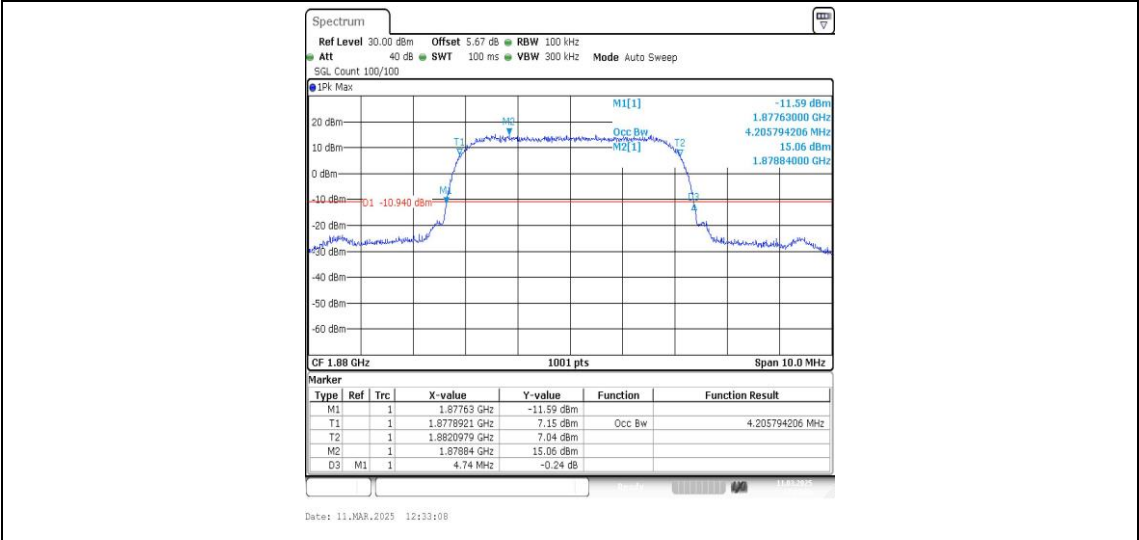
Band2-9262-5-PASS



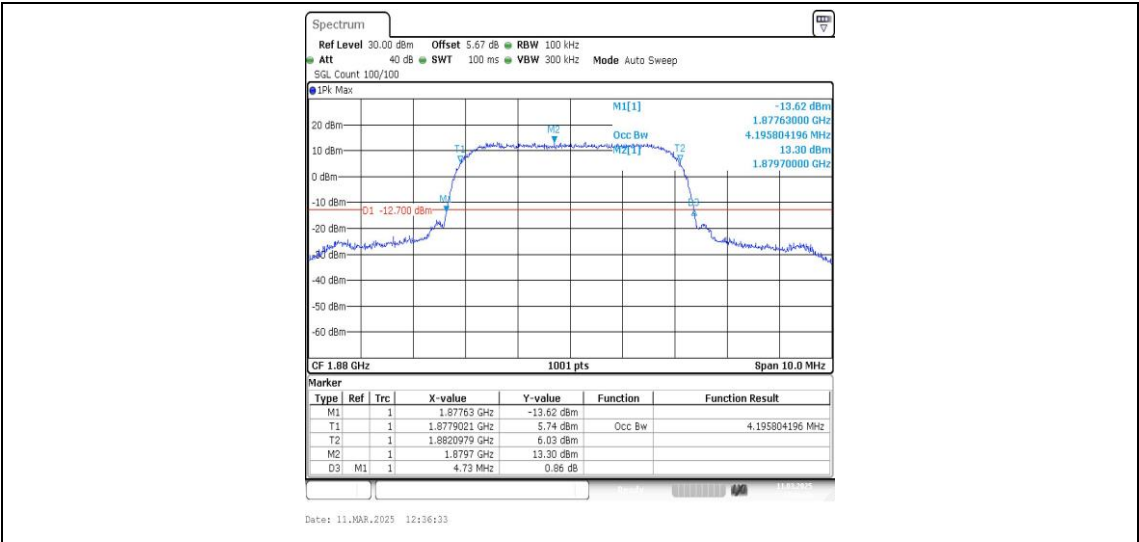
Band2-9400-1-PASS



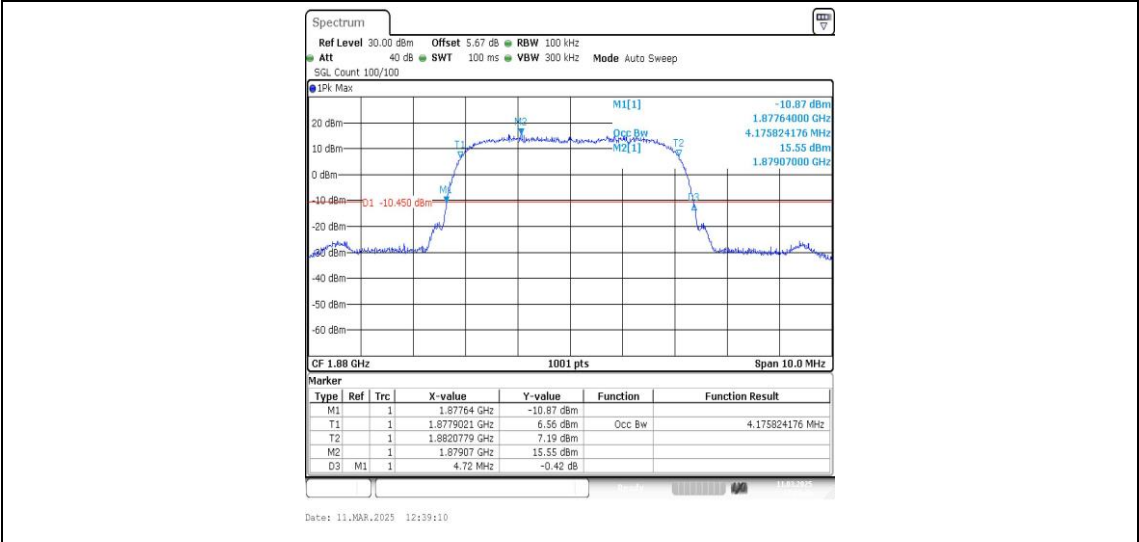
Band2-9400-2-PASS



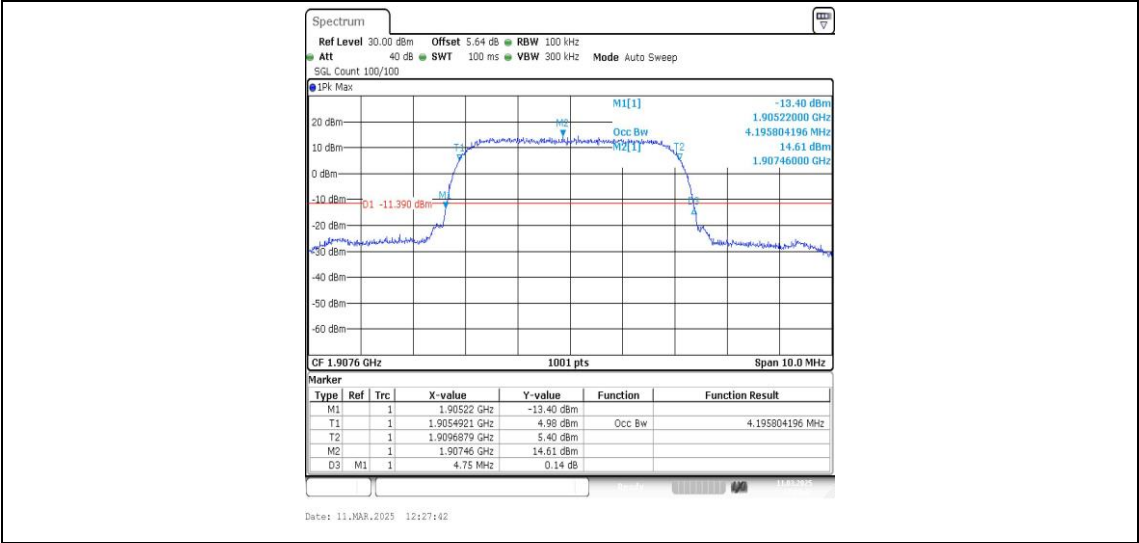
Band2-9400-3-PASS



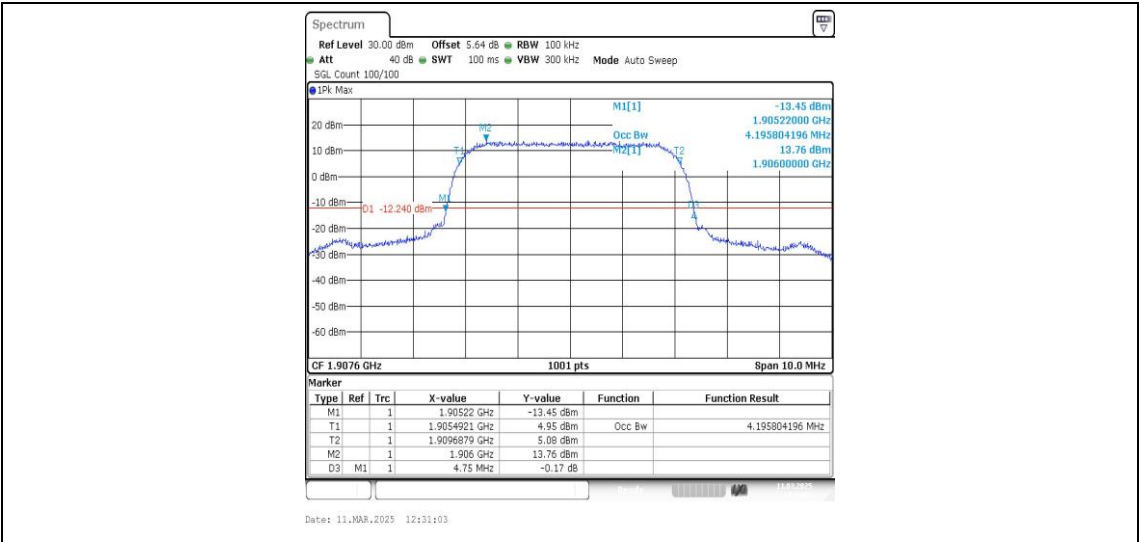
Band2-9400-4-PASS



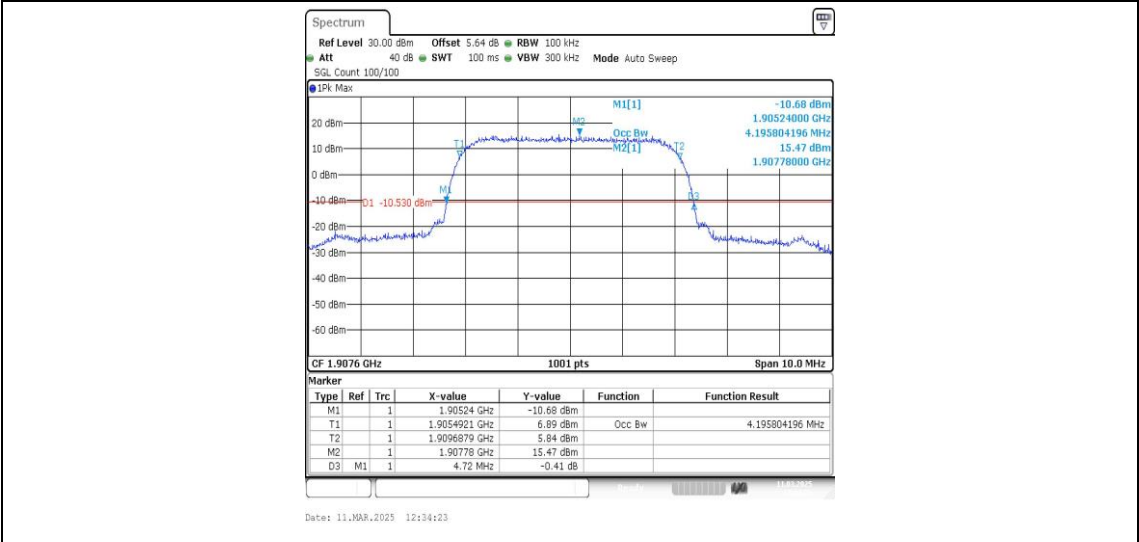
Band2-9400-5-PASS



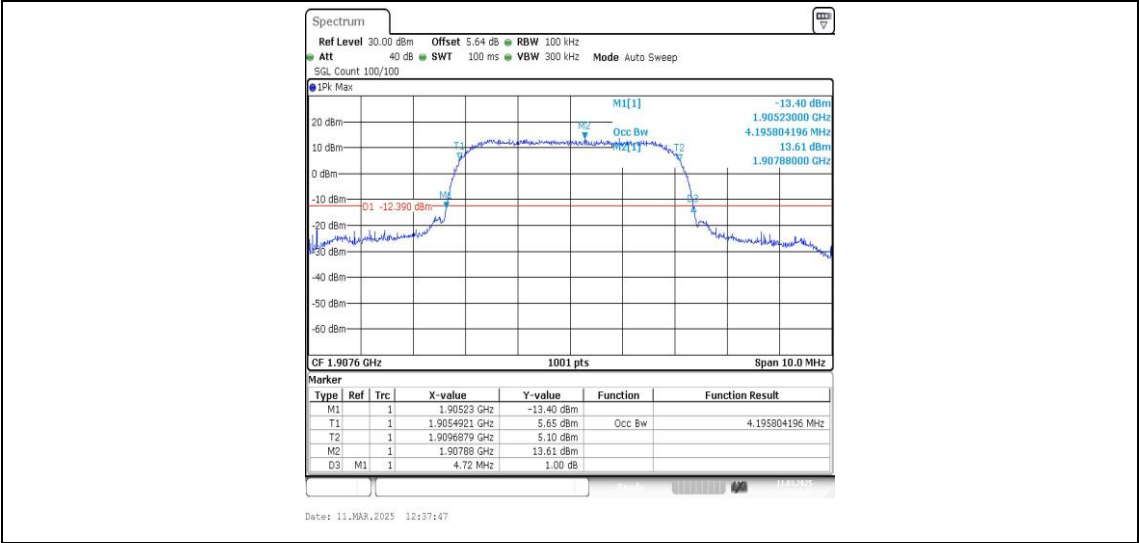
Band2-9538-1-PASS



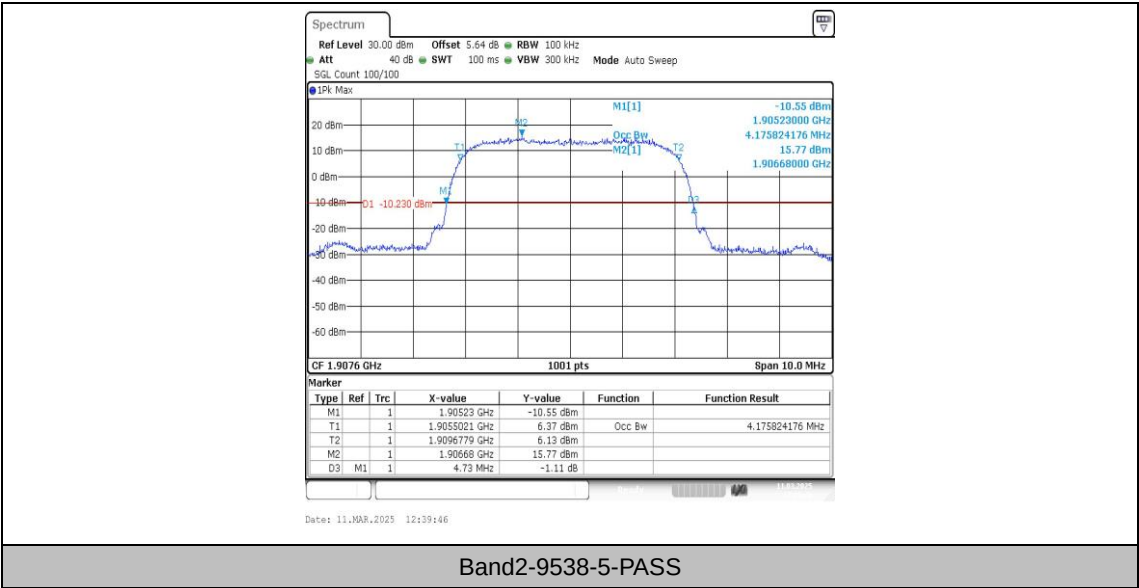
Band2-9538-2-PASS



Band2-9538-3-PASS



Band2-9538-4-PASS



AppendixD:Band Edge

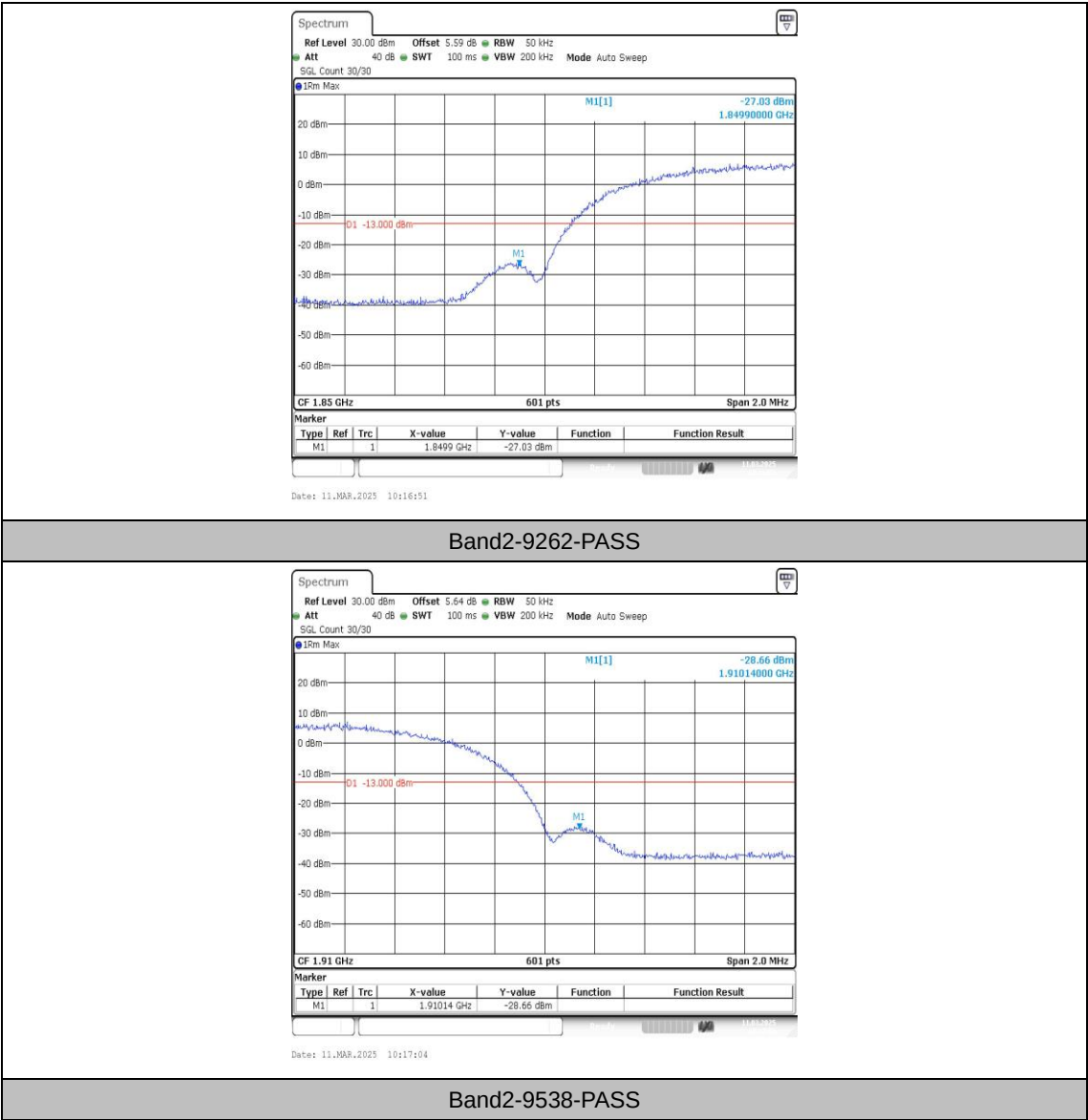
Test Result

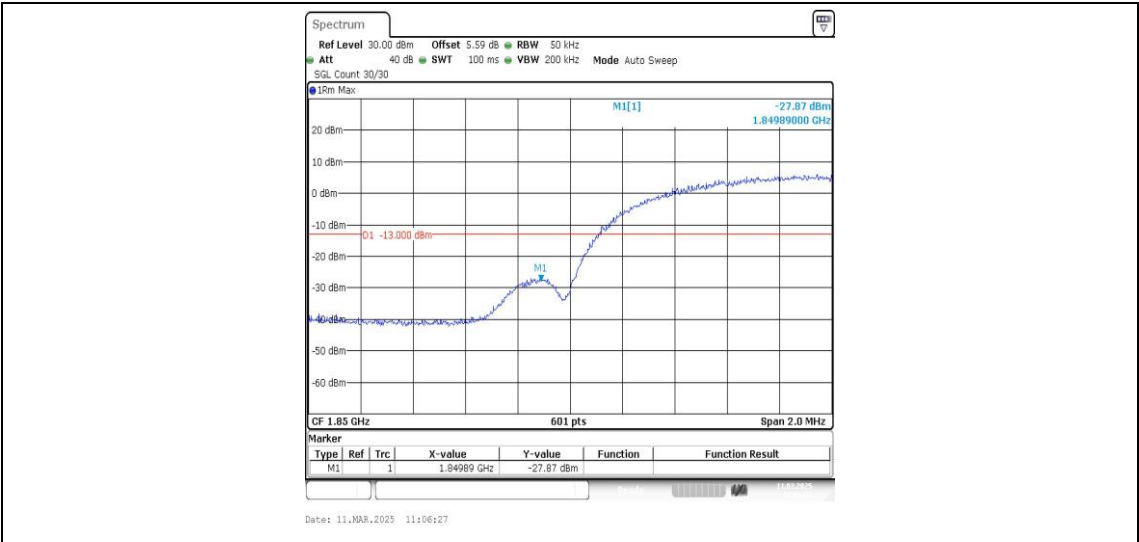
Band	Channel	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band2	9262	1849.90	-25.85	-13	PASS
Band2	9538	1910.14	-26.97	-13	PASS

Band	Channel	SubTest	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band2	9262	1	1849.89	-26.76	-13	PASS
Band2	9262	2	1849.87	-28.04	-13	PASS
Band2	9262	3	1849.86	-27.57	-13	PASS
Band2	9262	4	1849.89	-27.58	-13	PASS
Band2	9538	1	1910.14	-27.75	-13	PASS
Band2	9538	2	1910.12	-27.55	-13	PASS
Band2	9538	3	1910.10	-26.74	-13	PASS
Band2	9538	4	1910.11	-26.13	-13	PASS

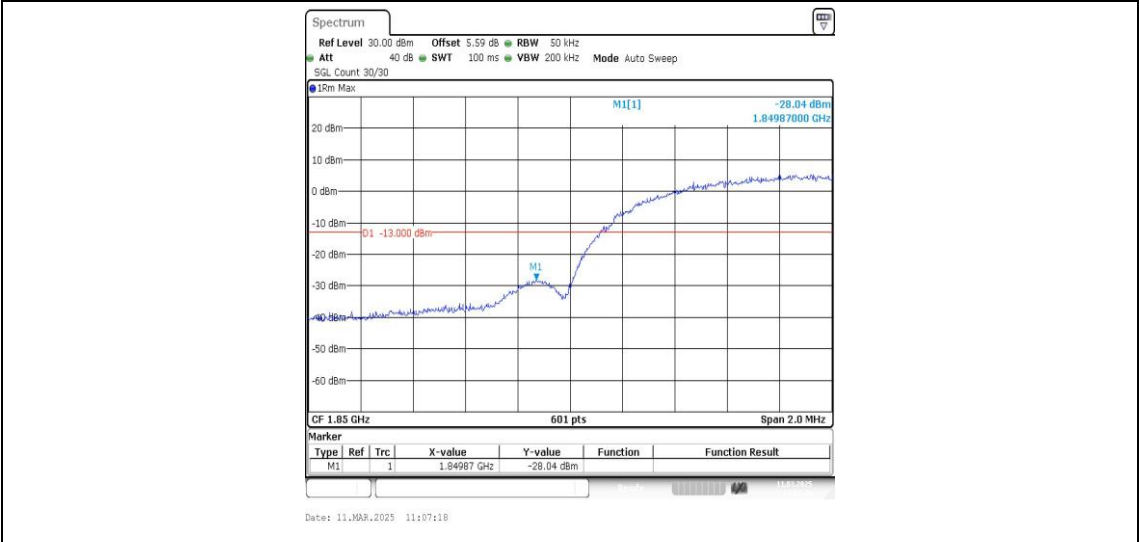
Band	Channel	SubTest	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band2	9262	1	1849.91	-29.01	-13	PASS
Band2	9262	2	1849.88	-28.37	-13	PASS
Band2	9262	3	1849.88	-27.11	-13	PASS
Band2	9262	4	1849.85	-27.01	-13	PASS
Band2	9262	5	1849.87	-28.13	-13	PASS
Band2	9538	1	1910.13	-29.83	-13	PASS
Band2	9538	2	1910.18	-28.02	-13	PASS
Band2	9538	3	1910.11	-26.83	-13	PASS
Band2	9538	4	1910.11	-26.26	-13	PASS
Band2	9538	5	1910.12	-27.98	-13	PASS

Test Graphs





Band2-9262-1-PASS



Band2-9262-2-PASS



Band2-9262-3-PASS



Band2-9262-4-PASS



Band2-9538-1-PASS



Band2-9538-2-PASS



Band2-9538-3-PASS



Band2-9538-4-PASS



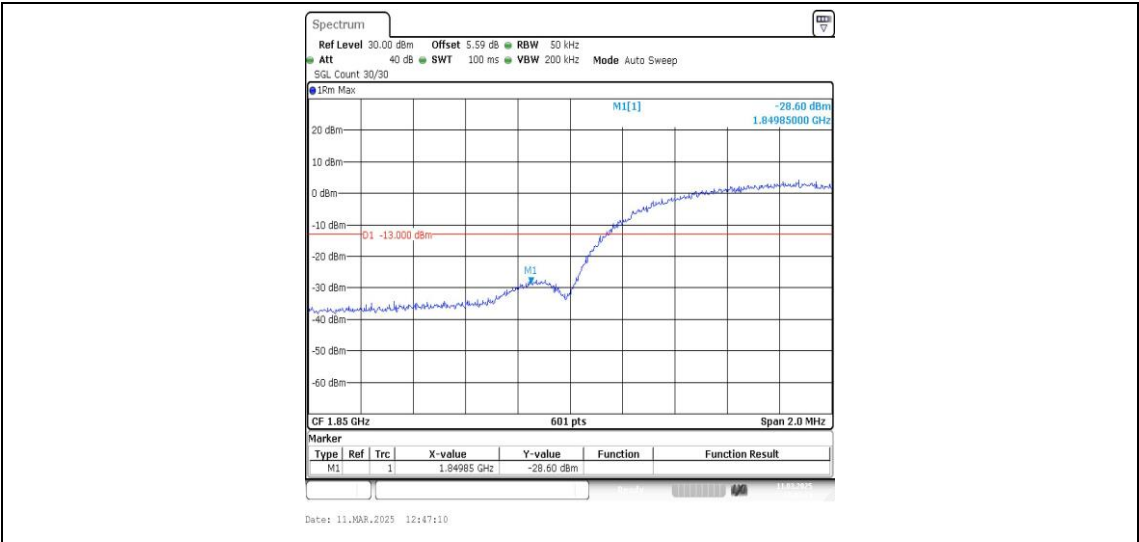
Band2-9262-1-PASS



Band2-9262-2-PASS



Band2-9262-3-PASS



Band2-9262-4-PASS



Band2-9262-5-PASS



Band2-9538-1-PASS



Band2-9538-2-PASS



Band2-9538-3-PASS



Band2-9538-4-PASS



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	-76.59	-43	PASS
Band2	9262	0.15~30MHz	22.86	-71.04	-33	PASS
Band2	9262	30~1000MHz	992	-50.81	-13	PASS
Band2	9262	1000~20000MHz	6823.5	-41.28	-13	PASS
Band2	9400	0.009~0.15MHz	0.01	-76.54	-43	PASS
Band2	9400	0.15~30MHz	24.8	-70.93	-33	PASS
Band2	9400	30~1000MHz	996.85	-50.62	-13	PASS
Band2	9400	1000~20000MHz	6871	-41.32	-13	PASS
Band2	9538	0.009~0.15MHz	0.01	-76.29	-43	PASS
Band2	9538	0.15~30MHz	28.35	-69.77	-33	PASS
Band2	9538	30~1000MHz	982.31	-50.83	-13	PASS
Band2	9538	1000~20000MHz	6548	-41.17	-13	PASS

Band	Channel	SubTest	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band2	9262	1	0.009~0.15MHz	0.01	-76.7	-43	PASS
Band2	9262	1	0.15~30MHz	25.87	-70.73	-33	PASS
Band2	9262	1	30~1000MHz	989.09	-50.81	-13	PASS
Band2	9262	1	1000~20000MHz	6890	-41.44	-13	PASS
Band2	9262	2	0.009~0.15MHz	0.01	-76.87	-43	PASS
Band2	9262	2	0.15~30MHz	28.05	-70.97	-33	PASS
Band2	9262	2	30~1000MHz	991.52	-50.92	-13	PASS
Band2	9262	2	1000~20000MHz	6795	-41.32	-13	PASS
Band2	9262	3	0.009~0.15MHz	0.01	-76.78	-43	PASS
Band2	9262	3	0.15~30MHz	23.87	-71.01	-33	PASS
Band2	9262	3	30~1000MHz	996.36	-50.75	-13	PASS
Band2	9262	3	1000~20000MHz	6529	-41.29	-13	PASS
Band2	9262	4	0.009~0.15MHz	0.01	-76.65	-43	PASS
Band2	9262	4	0.15~30MHz	0.17	-70.46	-33	PASS
Band2	9262	4	30~1000MHz	995.88	-50.82	-13	PASS
Band2	9262	4	1000~20000MHz	6833	-41.34	-13	PASS
Band2	9400	1	0.009~0.15MHz	0.01	-76.67	-43	PASS
Band2	9400	1	0.15~30MHz	26.35	-70.36	-33	PASS
Band2	9400	1	30~1000MHz	994.91	-50.83	-13	PASS
Band2	9400	1	1000~20000MHz	6852	-41.36	-13	PASS
Band2	9400	2	0.009~0.15MHz	0.01	-76.75	-43	PASS

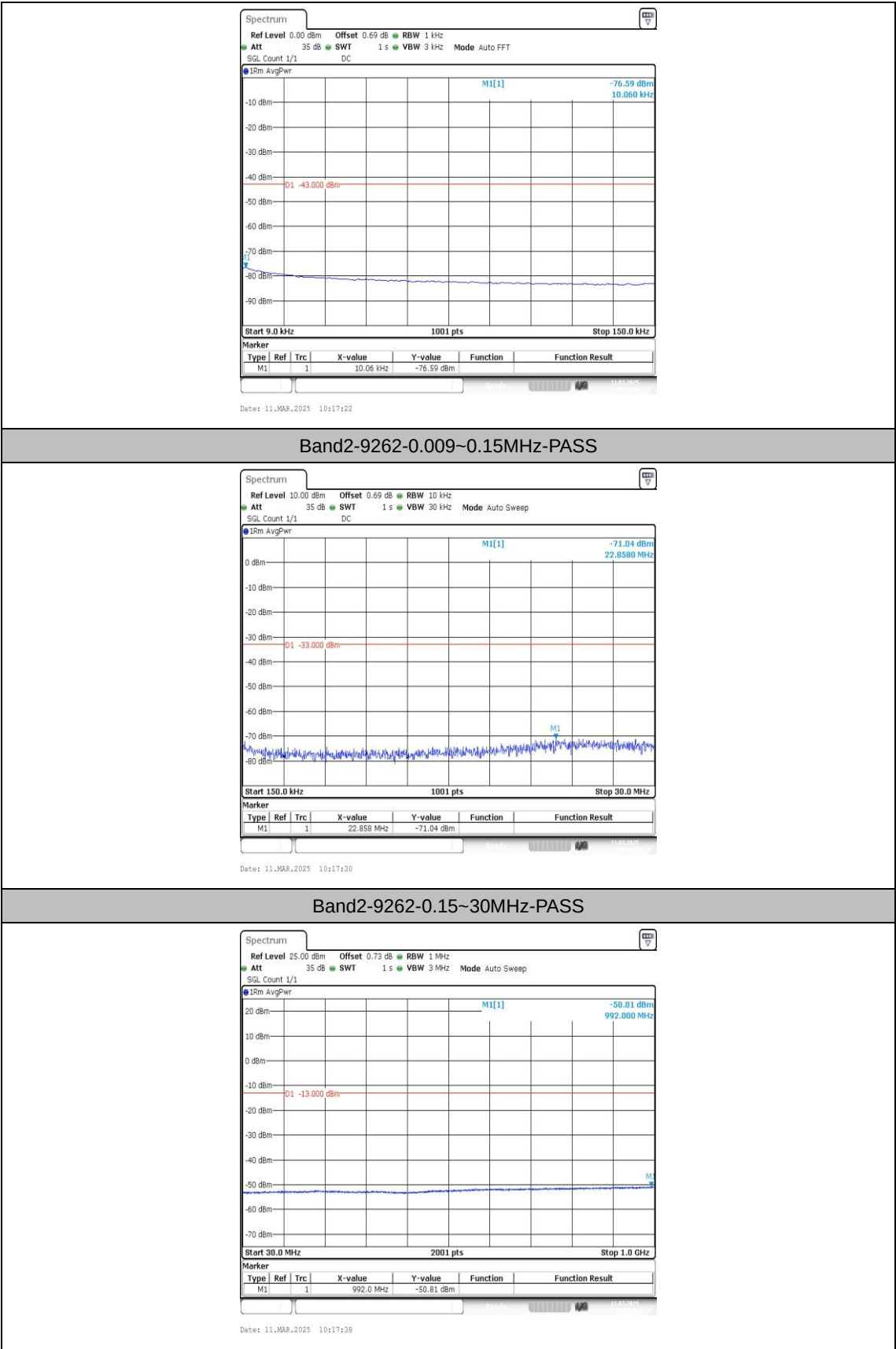
Band2	9400	2	0.15~30MHz	25.33	-70.71	-33	PASS
Band2	9400	2	30~1000MHz	996.36	-50.88	-13	PASS
Band2	9400	2	1000~20000MHz	6510	-41.27	-13	PASS
Band2	9400	3	0.009~0.15MHz	0.01	-76.63	-43	PASS
Band2	9400	3	0.15~30MHz	24.02	-71.08	-33	PASS
Band2	9400	3	30~1000MHz	991.52	-50.82	-13	PASS
Band2	9400	3	1000~20000MHz	6909	-41.39	-13	PASS
Band2	9400	4	0.009~0.15MHz	0.01	-76.91	-43	PASS
Band2	9400	4	0.15~30MHz	29.06	-69.93	-33	PASS
Band2	9400	4	30~1000MHz	979.88	-50.77	-13	PASS
Band2	9400	4	1000~20000MHz	6548	-41.41	-13	PASS
Band2	9538	1	0.009~0.15MHz	0.01	-76.91	-43	PASS
Band2	9538	1	0.15~30MHz	27.18	-70.73	-33	PASS
Band2	9538	1	30~1000MHz	962.92	-50.79	-13	PASS
Band2	9538	1	1000~20000MHz	6804.5	-41.4	-13	PASS
Band2	9538	2	0.009~0.15MHz	0.01	-76.64	-43	PASS
Band2	9538	2	0.15~30MHz	21.73	-70.55	-33	PASS
Band2	9538	2	30~1000MHz	992.97	-50.65	-13	PASS
Band2	9538	2	1000~20000MHz	6833	-41.48	-13	PASS
Band2	9538	3	0.009~0.15MHz	0.01	-76.73	-43	PASS
Band2	9538	3	0.15~30MHz	26.74	-70.68	-33	PASS
Band2	9538	3	30~1000MHz	976.97	-50.86	-13	PASS
Band2	9538	3	1000~20000MHz	6510	-41.31	-13	PASS
Band2	9538	4	0.009~0.15MHz	0.01	-76.75	-43	PASS
Band2	9538	4	0.15~30MHz	23.69	-70.57	-33	PASS
Band2	9538	4	30~1000MHz	998.3	-50.79	-13	PASS
Band2	9538	4	1000~20000MHz	6890	-41.36	-13	PASS

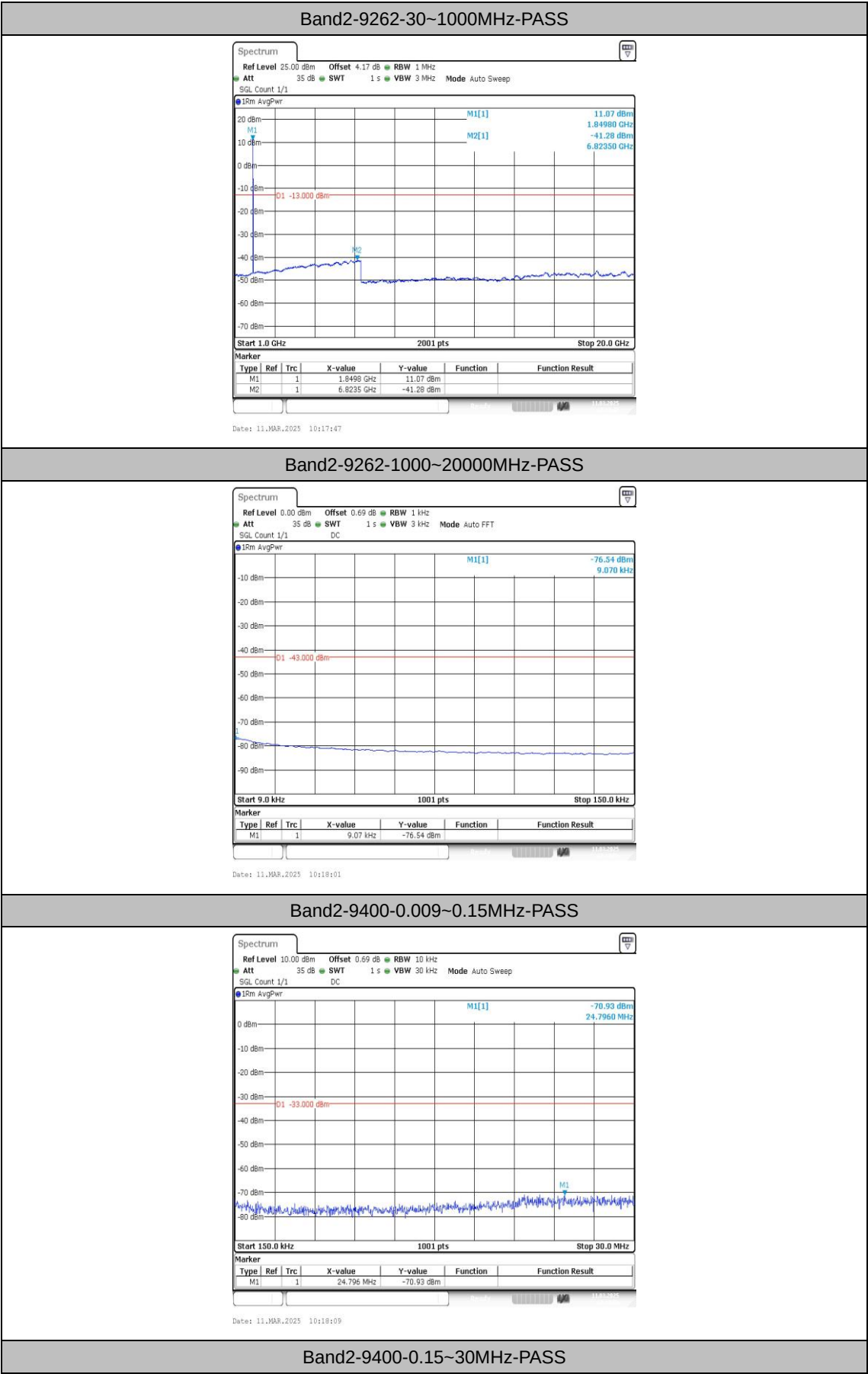
Band	Channel	SubTest	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band2	9262	1	0.009~0.15MHz	0.01	-76.66	-43	PASS
Band2	9262	1	0.15~30MHz	27.96	-70.4	-33	PASS
Band2	9262	1	30~1000MHz	987.64	-50.74	-13	PASS
Band2	9262	1	1000~20000MHz	6795	-41.38	-13	PASS
Band2	9262	2	0.009~0.15MHz	0.01	-76.73	-43	PASS
Band2	9262	2	0.15~30MHz	24.98	-70.93	-33	PASS
Band2	9262	2	30~1000MHz	988.61	-50.83	-13	PASS
Band2	9262	2	1000~20000MHz	6842.5	-41.38	-13	PASS
Band2	9262	3	0.009~0.15MHz	0.01	-76.54	-43	PASS
Band2	9262	3	0.15~30MHz	29.96	-70.75	-33	PASS
Band2	9262	3	30~1000MHz	992.97	-50.78	-13	PASS

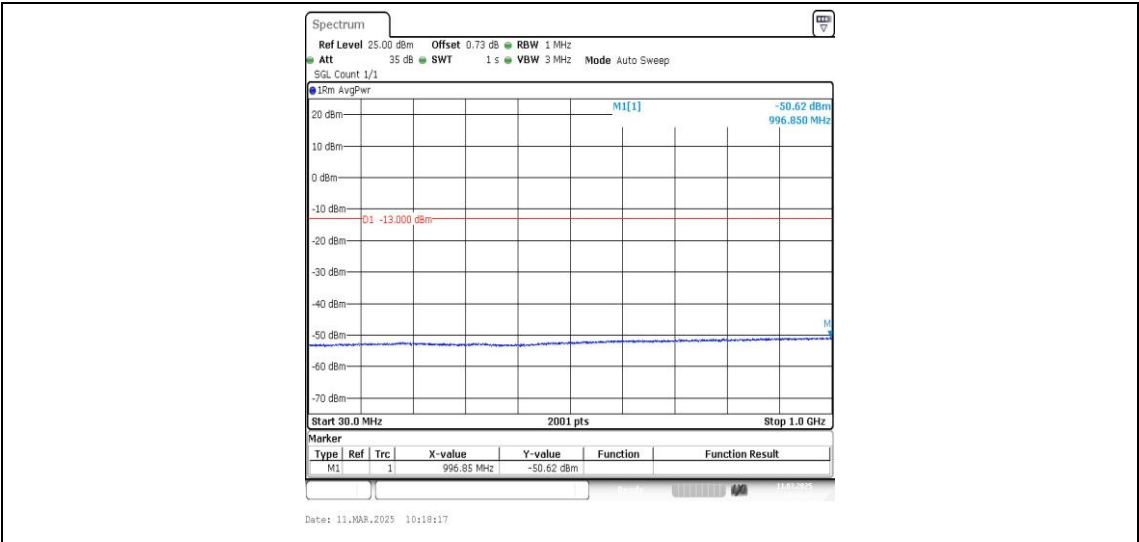
Band2	9262	3	1000~20000MHz	6538.5	-41.4	-13	PASS
Band2	9262	4	0.009~0.15MHz	0.01	-76.57	-43	PASS
Band2	9262	4	0.15~30MHz	22.62	-70.54	-33	PASS
Band2	9262	4	30~1000MHz	825.24	-50.45	-13	PASS
Band2	9262	4	1000~20000MHz	6852	-41.22	-13	PASS
Band2	9262	5	0.009~0.15MHz	0.01	-76.59	-43	PASS
Band2	9262	5	0.15~30MHz	26.62	-69.48	-33	PASS
Band2	9262	5	30~1000MHz	995.88	-50.72	-13	PASS
Band2	9262	5	1000~20000MHz	6491	-41.41	-13	PASS
Band2	9400	1	0.009~0.15MHz	0.01	-76.65	-43	PASS
Band2	9400	1	0.15~30MHz	24.89	-70.63	-33	PASS
Band2	9400	1	30~1000MHz	983.76	-50.75	-13	PASS
Band2	9400	1	1000~20000MHz	6842.5	-41.22	-13	PASS
Band2	9400	2	0.009~0.15MHz	0.01	-76.51	-43	PASS
Band2	9400	2	0.15~30MHz	27	-71.01	-33	PASS
Band2	9400	2	30~1000MHz	990.06	-50.76	-13	PASS
Band2	9400	2	1000~20000MHz	6890	-41.11	-13	PASS
Band2	9400	3	0.009~0.15MHz	0.01	-76.55	-43	PASS
Band2	9400	3	0.15~30MHz	28.76	-70.29	-33	PASS
Band2	9400	3	30~1000MHz	973.1	-50.71	-13	PASS
Band2	9400	3	1000~20000MHz	6823.5	-41.27	-13	PASS
Band2	9400	4	0.009~0.15MHz	0.01	-76.58	-43	PASS
Band2	9400	4	0.15~30MHz	25.81	-71.14	-33	PASS
Band2	9400	4	30~1000MHz	981.34	-50.82	-13	PASS
Band2	9400	4	1000~20000MHz	6842.5	-41.37	-13	PASS
Band2	9400	5	0.009~0.15MHz	0.01	-76.52	-43	PASS
Band2	9400	5	0.15~30MHz	26.02	-71.19	-33	PASS
Band2	9400	5	30~1000MHz	997.33	-50.73	-13	PASS
Band2	9400	5	1000~20000MHz	6548	-41.44	-13	PASS
Band2	9538	1	0.009~0.15MHz	0.01	-76.58	-43	PASS
Band2	9538	1	0.15~30MHz	29.21	-70.69	-33	PASS
Band2	9538	1	30~1000MHz	938.68	-50.85	-13	PASS
Band2	9538	1	1000~20000MHz	6557.5	-41.39	-13	PASS
Band2	9538	2	0.009~0.15MHz	0.01	-76.74	-43	PASS
Band2	9538	2	0.15~30MHz	27.96	-70.99	-33	PASS
Band2	9538	2	30~1000MHz	998.79	-50.73	-13	PASS
Band2	9538	2	1000~20000MHz	6833	-41.4	-13	PASS
Band2	9538	3	0.009~0.15MHz	0.01	-76.7	-43	PASS
Band2	9538	3	0.15~30MHz	28.43	-71.15	-33	PASS
Band2	9538	3	30~1000MHz	969.22	-50.81	-13	PASS
Band2	9538	3	1000~20000MHz	6491	-41.34	-13	PASS
Band2	9538	4	0.009~0.15MHz	0.01	-76.6	-43	PASS

Band2	9538	4	0.15~30MHz	26.85	-70.43	-33	PASS
Band2	9538	4	30~1000MHz	954.68	-50.81	-13	PASS
Band2	9538	4	1000~20000MHz	6529	-41.39	-13	PASS
Band2	9538	5	0.009~0.15MHz	0.01	-76.67	-43	PASS
Band2	9538	5	0.15~30MHz	24.35	-70	-33	PASS
Band2	9538	5	30~1000MHz	972.13	-50.8	-13	PASS
Band2	9538	5	1000~20000MHz	6804.5	-41.32	-13	PASS

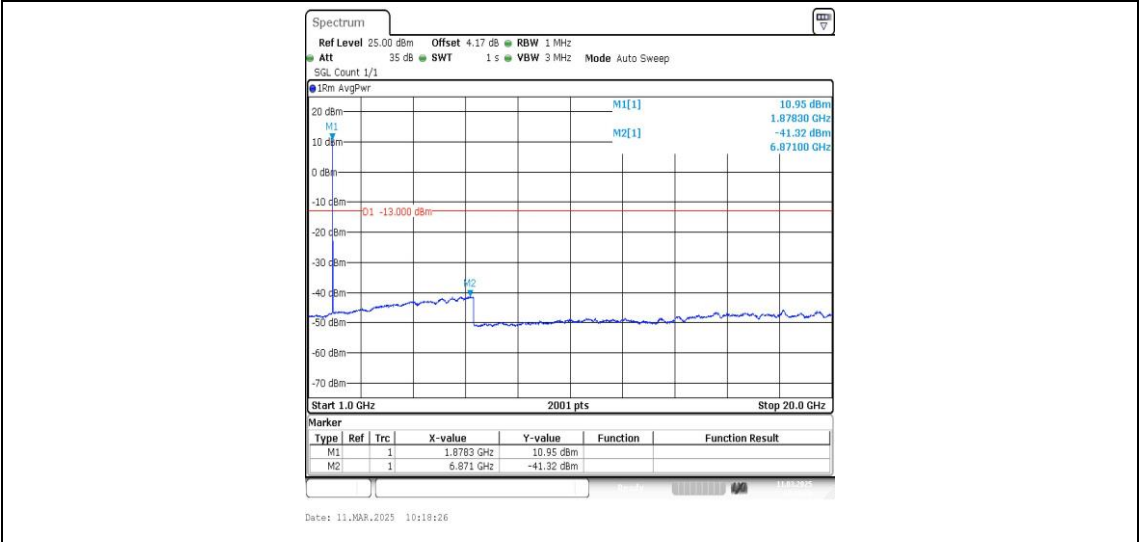
Test Graphs



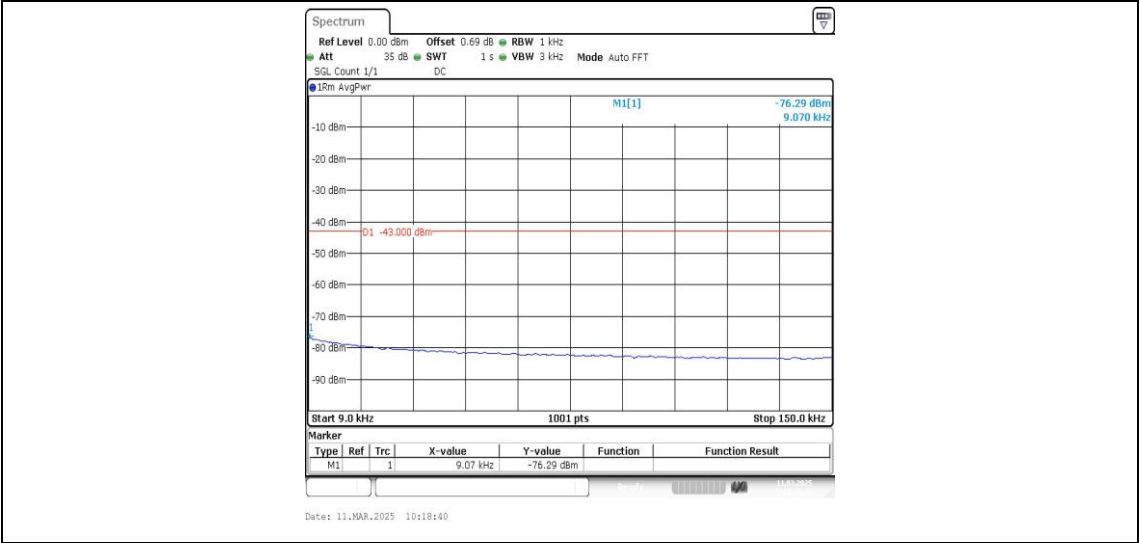




Band2-9400-30~1000MHz-PASS



Band2-9400-1000~20000MHz-PASS



Band2-9538-0.009~0.15MHz-PASS