

Appendix for WCDMA Band 2

Product Name: Smart Phone

Model No: Black G4

AppendixA: Average Power Output Data

Test Result

WCDMA - Average Power (dBm)			
Band	WCDMA Band II		
Channel	9262	9400	9538
Frequency (MHz)	1852.4	1880	1907.6
RMC 12.2k	22.57	22.70	22.59
HSDPA Subtest-1	21.60	21.68	21.52
HSDPA Subtest-2	21.16	21.22	21.10
HSDPA Subtest-3	20.93	20.99	20.76
HSDPA Subtest-4	20.61	20.62	20.44
HSUPA Subtest-1	21.21	21.22	21.10
HSUPA Subtest-2	20.70	20.74	20.57
HSUPA Subtest-3	20.42	20.53	20.28
HSUPA Subtest-4	20.20	20.37	20.01
HSUPA Subtest-5	19.95	20.10	19.74

AppendixB:Peak-to-Average Ratio

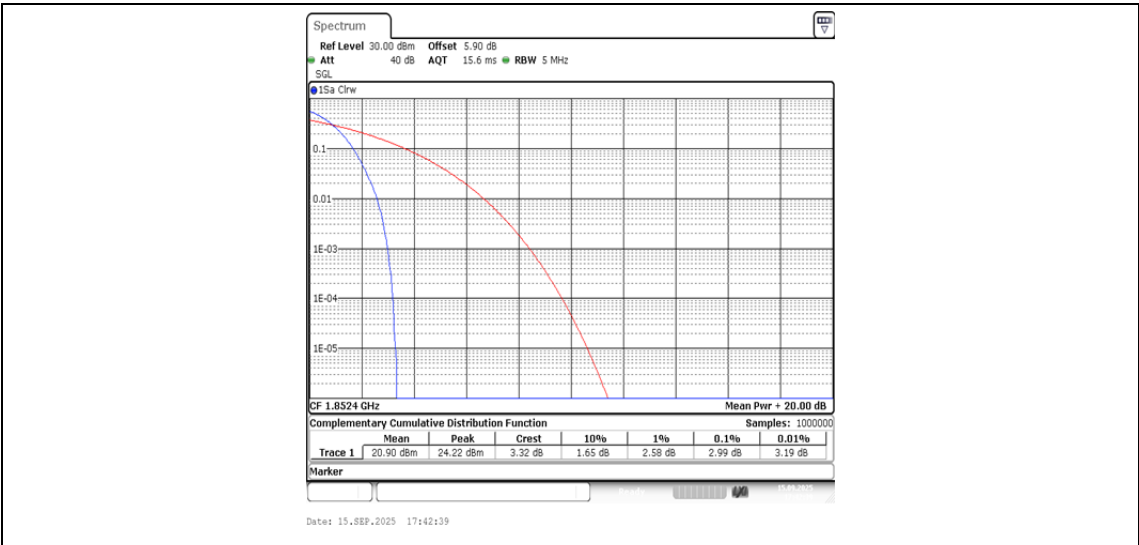
Test Result

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9262	2.99	13	PASS
Band2	9400	2.93	13	PASS
Band2	9538	2.87	13	PASS

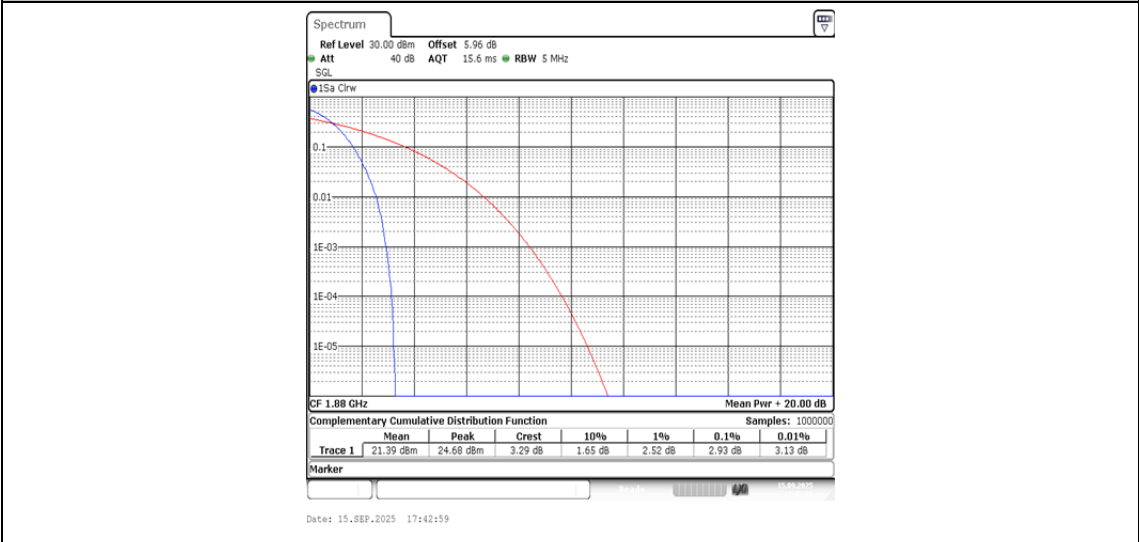
Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9262	1	3.22	13	PASS
Band2	9262	2	3.45	13	PASS
Band2	9262	3	3.59	13	PASS
Band2	9262	4	3.65	13	PASS
Band2	9400	1	3.19	13	PASS
Band2	9400	2	3.45	13	PASS
Band2	9400	3	3.62	13	PASS
Band2	9400	4	3.65	13	PASS
Band2	9538	1	3.13	13	PASS
Band2	9538	2	3.39	13	PASS
Band2	9538	3	3.57	13	PASS
Band2	9538	4	3.62	13	PASS

Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9262	1	4.55	13	PASS
Band2	9262	2	5.48	13	PASS
Band2	9262	3	4.99	13	PASS
Band2	9262	4	5.59	13	PASS
Band2	9262	5	4.29	13	PASS
Band2	9400	1	4.52	13	PASS
Band2	9400	2	5.45	13	PASS
Band2	9400	3	4.99	13	PASS
Band2	9400	4	5.59	13	PASS
Band2	9400	5	4.26	13	PASS
Band2	9538	1	4.46	13	PASS
Band2	9538	2	5.39	13	PASS
Band2	9538	3	4.87	13	PASS
Band2	9538	4	5.51	13	PASS
Band2	9538	5	4.2	13	PASS

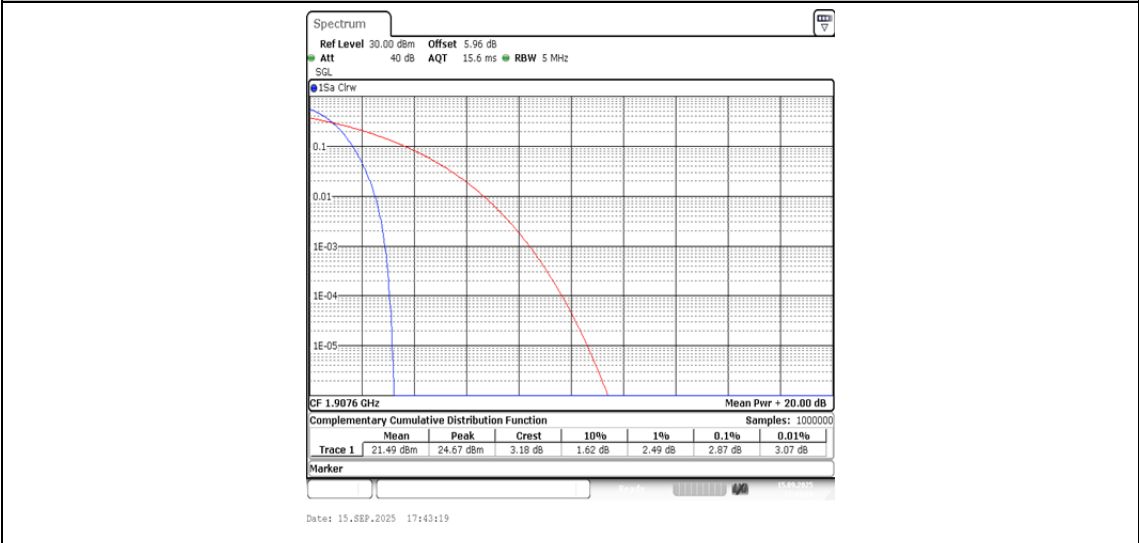
Test Graphs



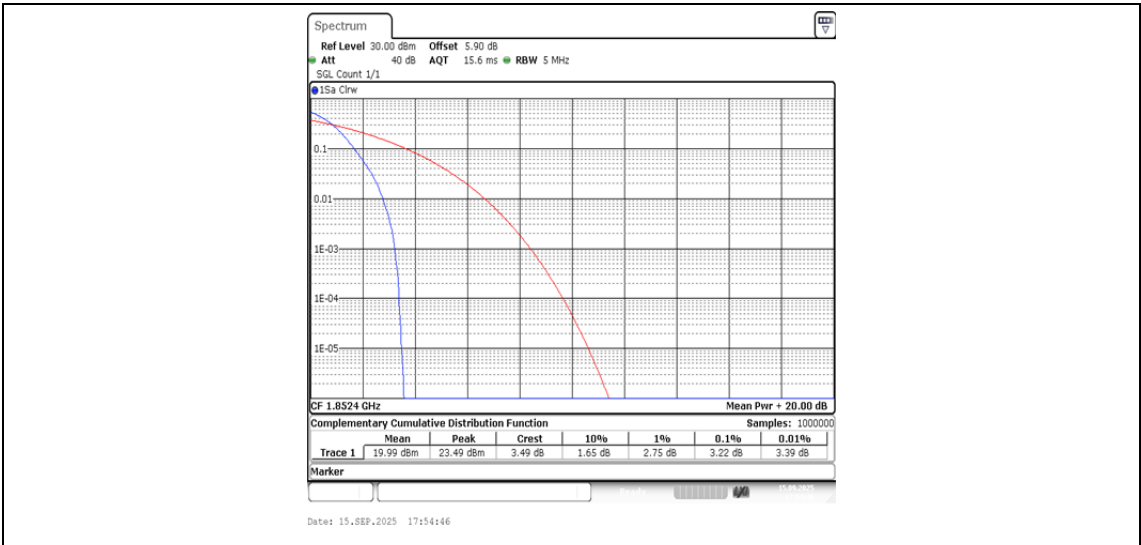
Band2-9262-PASS



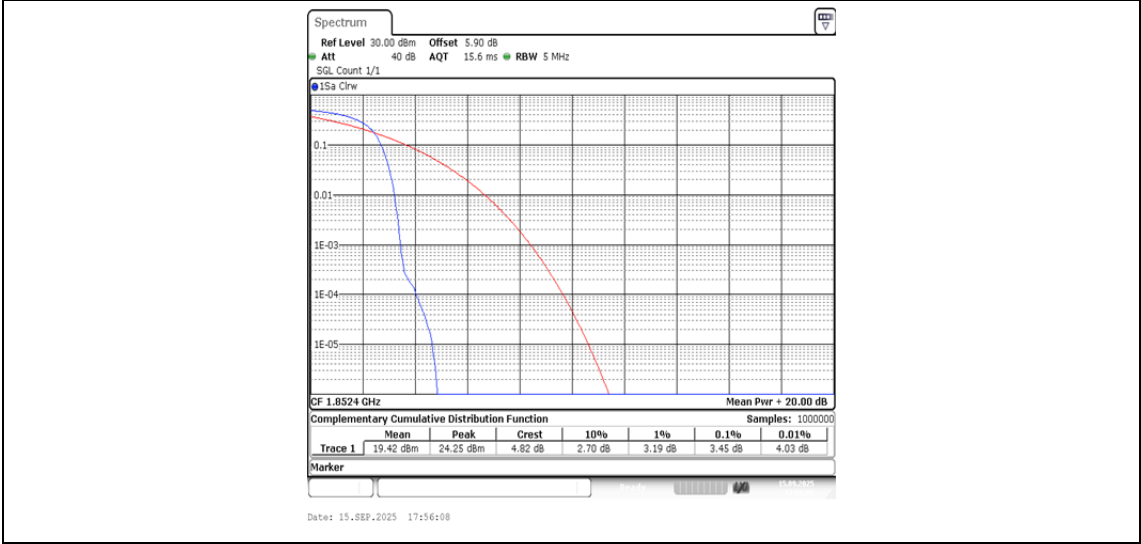
Band2-9400-PASS



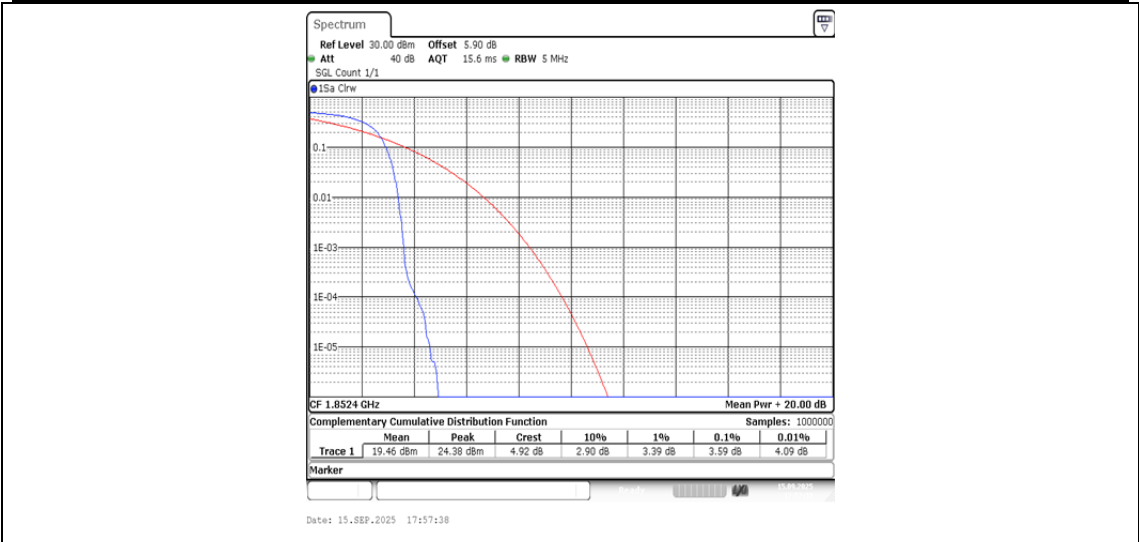
Band2-9538-PASS



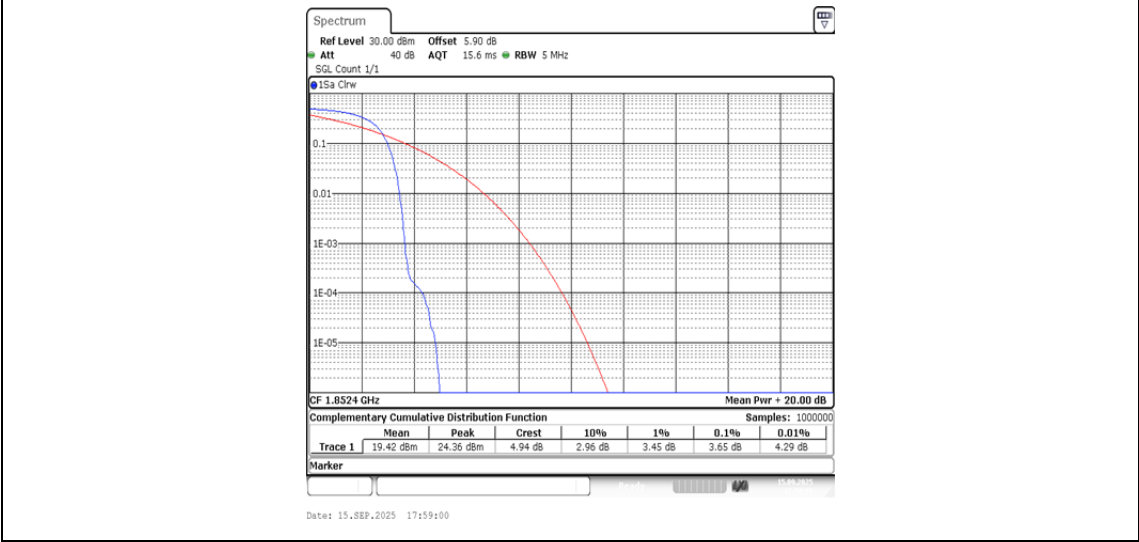
Band2-9262-1-PASS



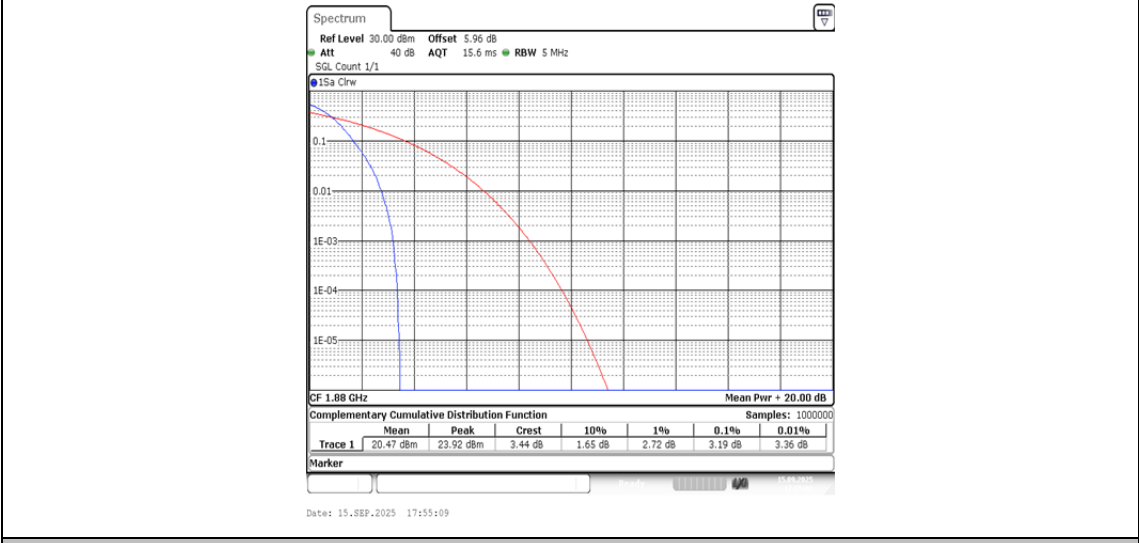
Band2-9262-2-PASS



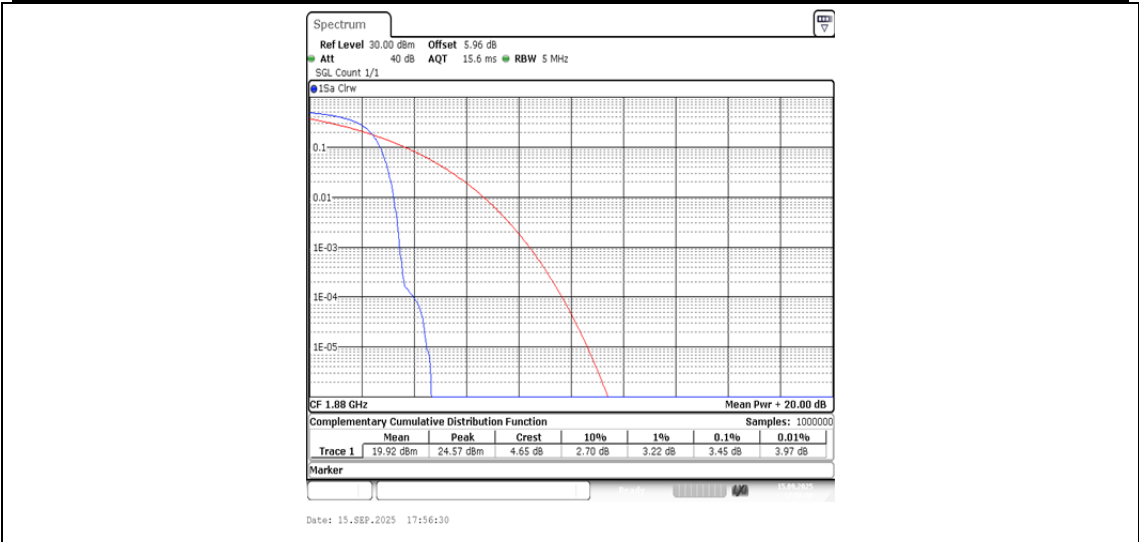
Band2-9262-3-PASS



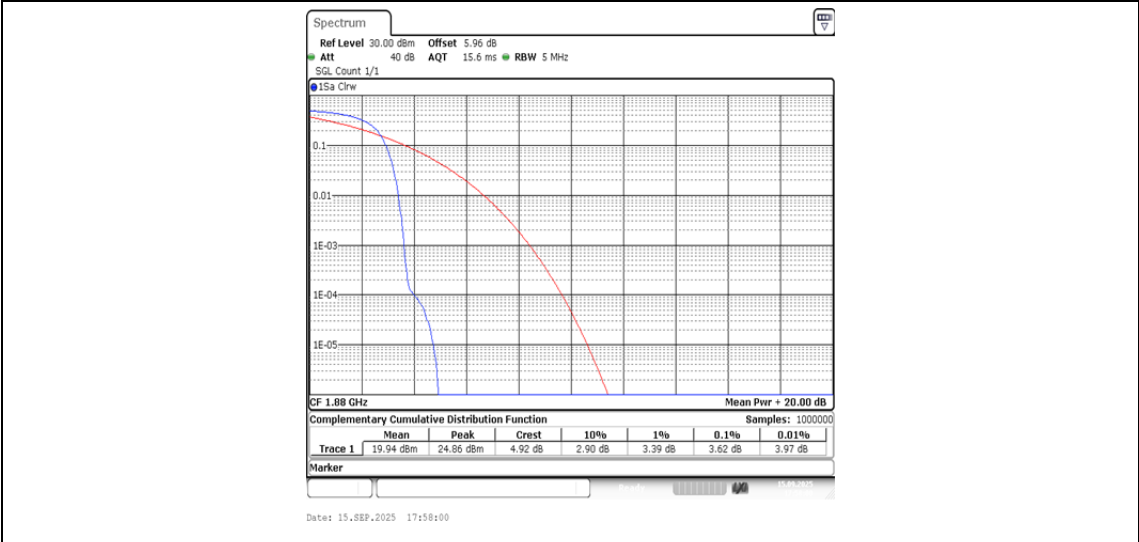
Band2-9262-4-PASS



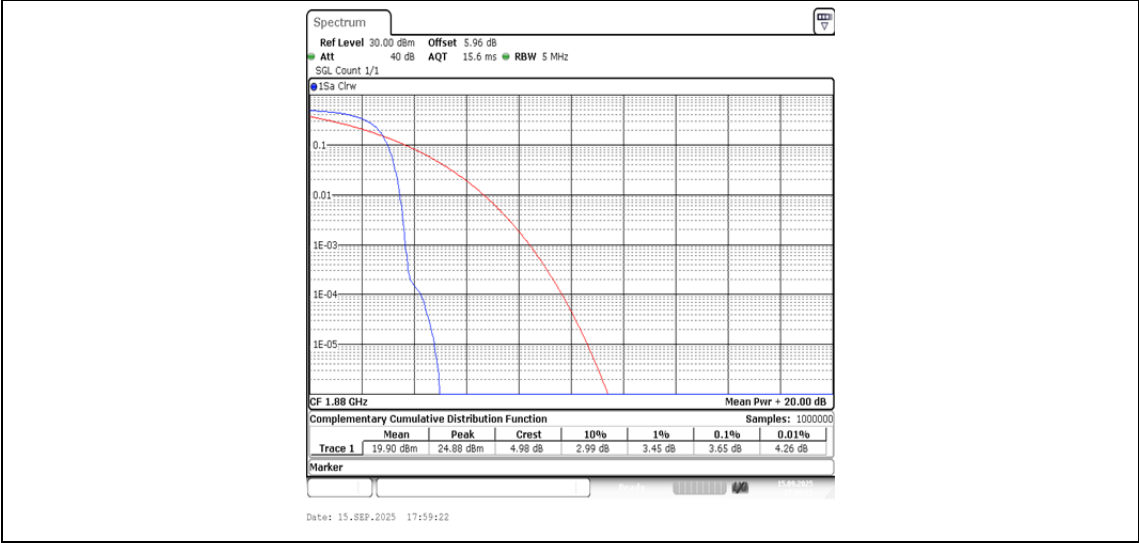
Band2-9400-1-PASS



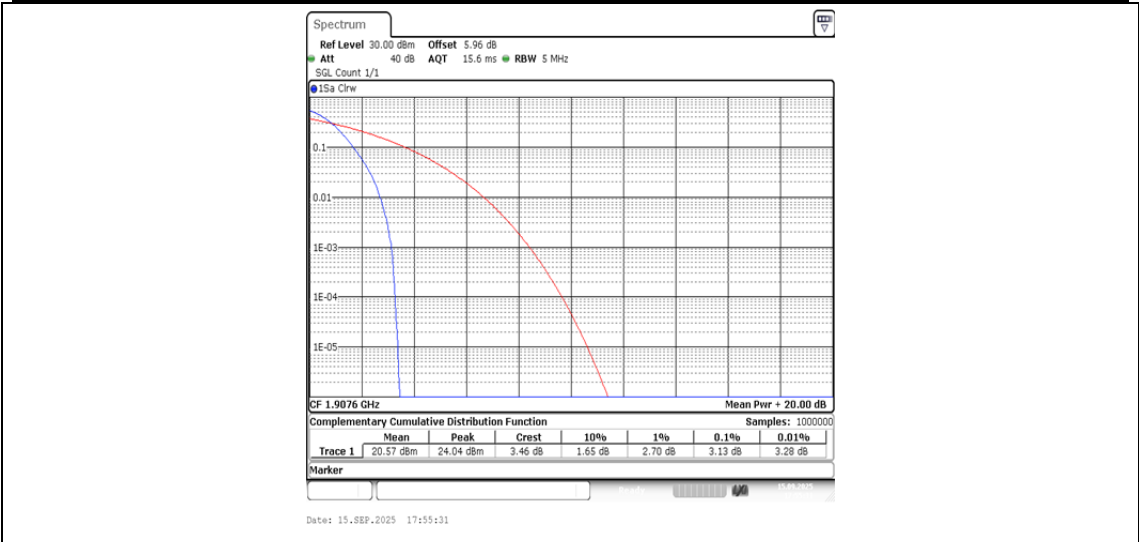
Band2-9400-2-PASS



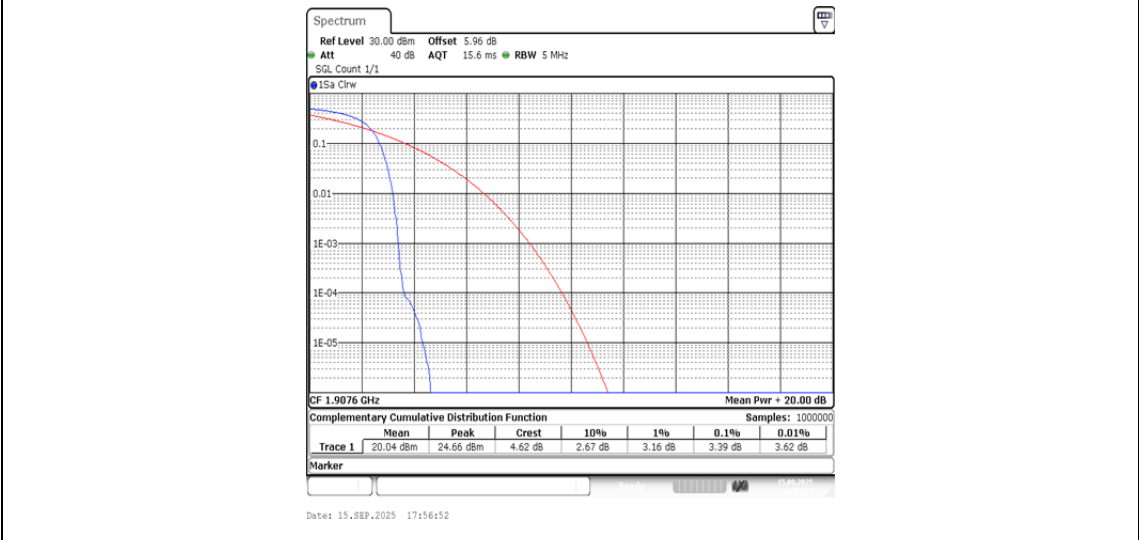
Band2-9400-3-PASS



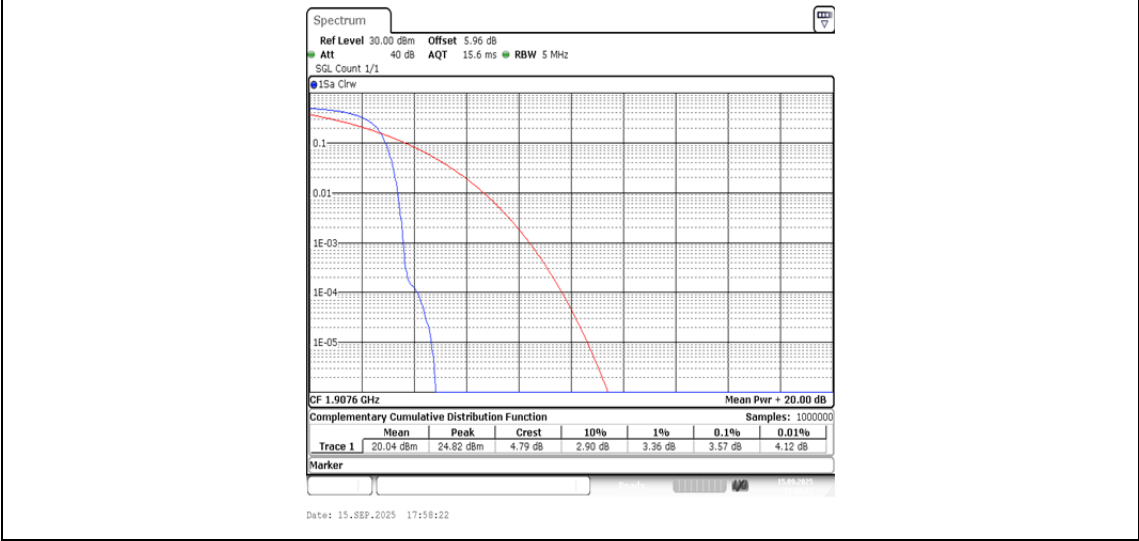
Band2-9400-4-PASS



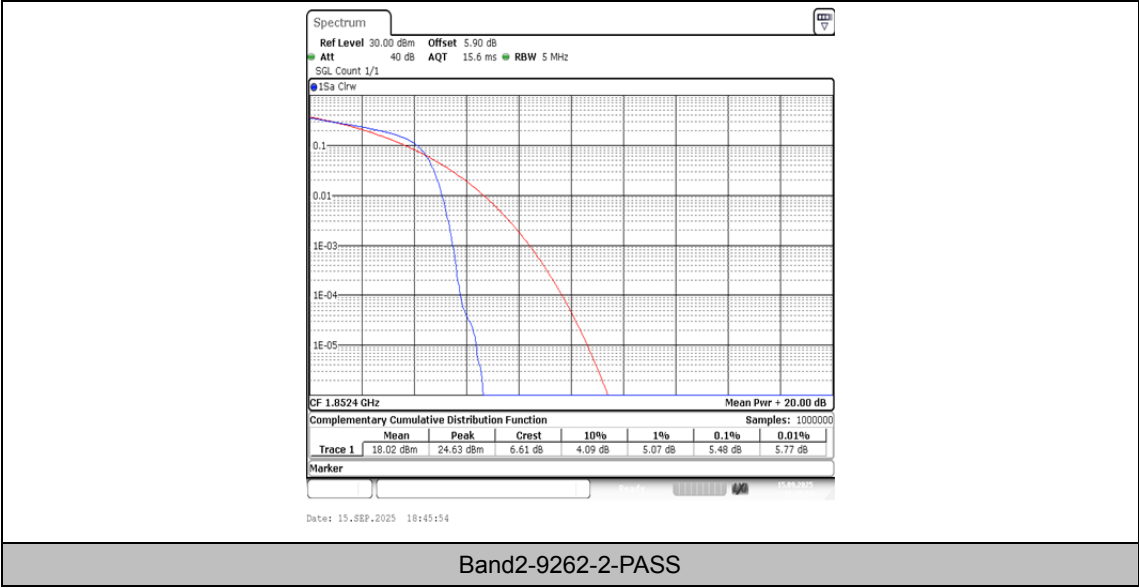
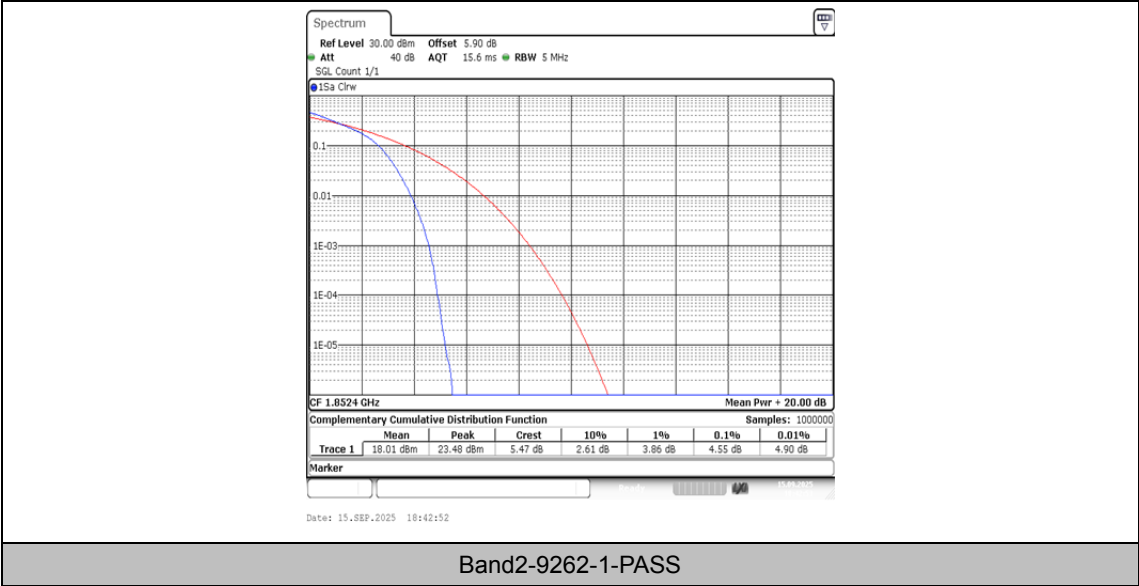
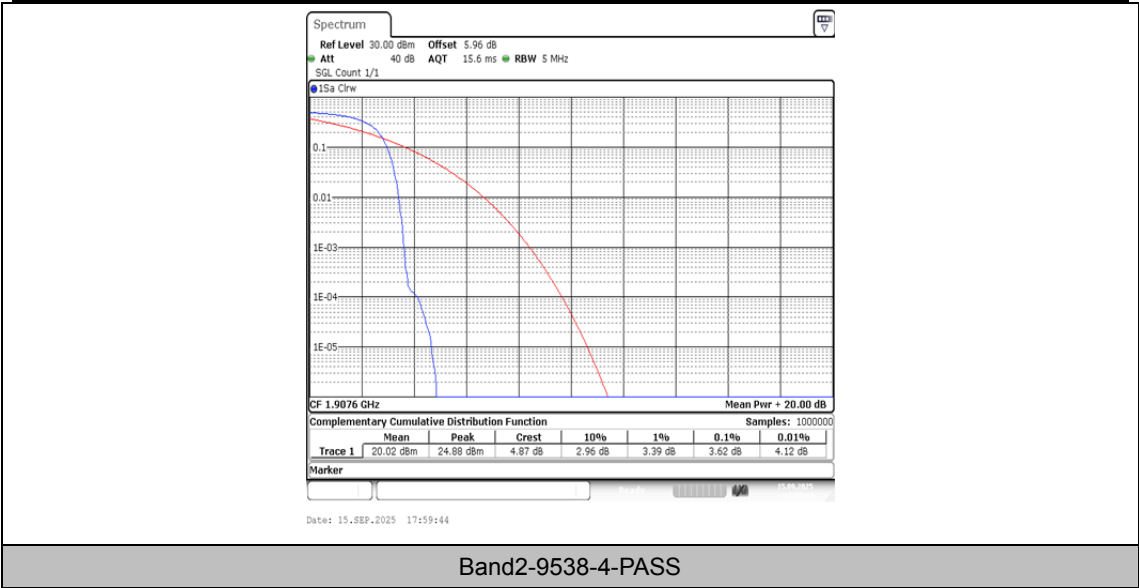
Band2-9538-1-PASS

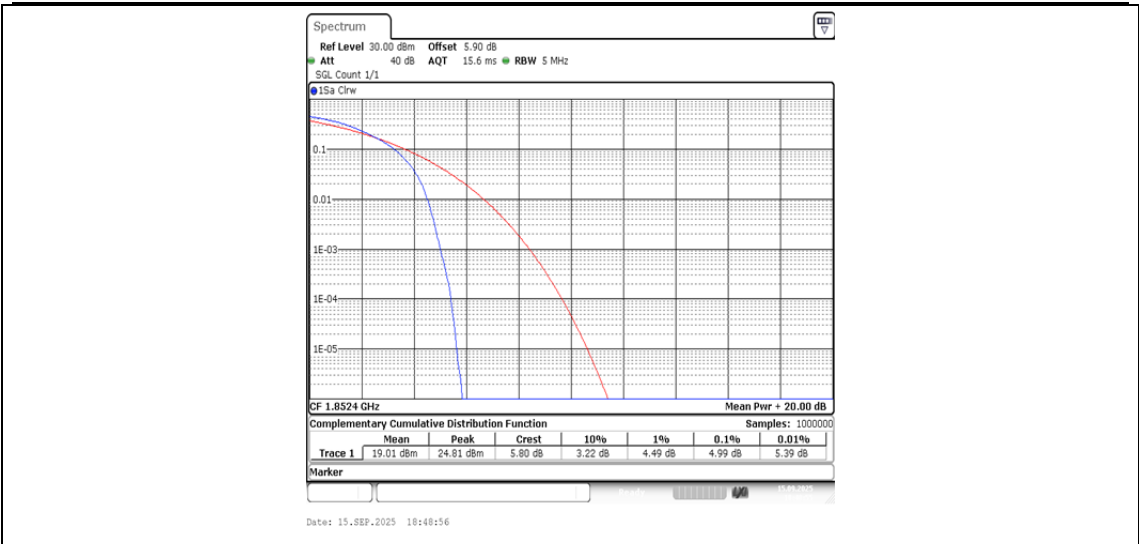


Band2-9538-2-PASS

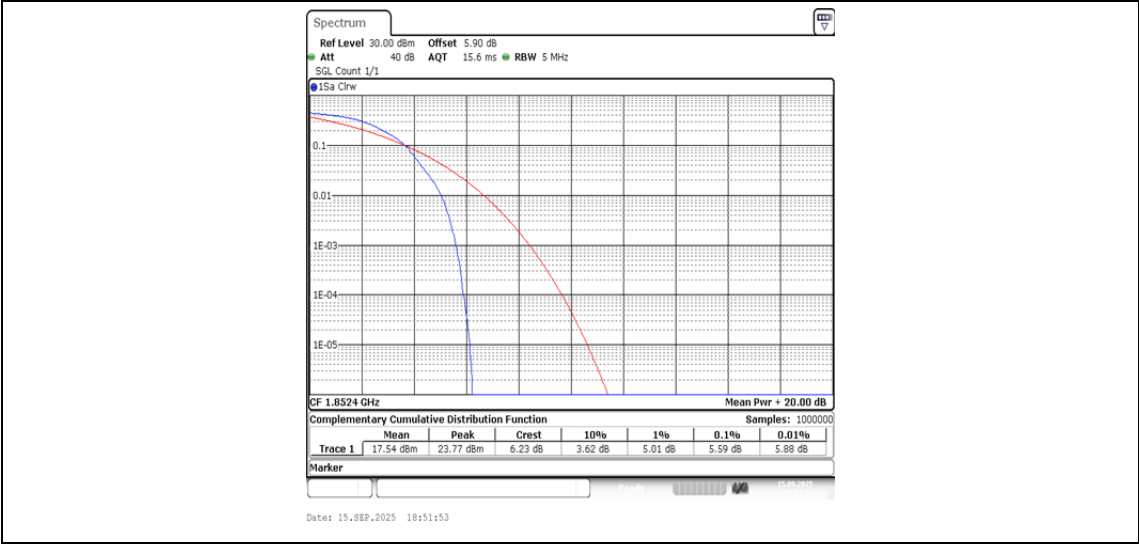


Band2-9538-3-PASS

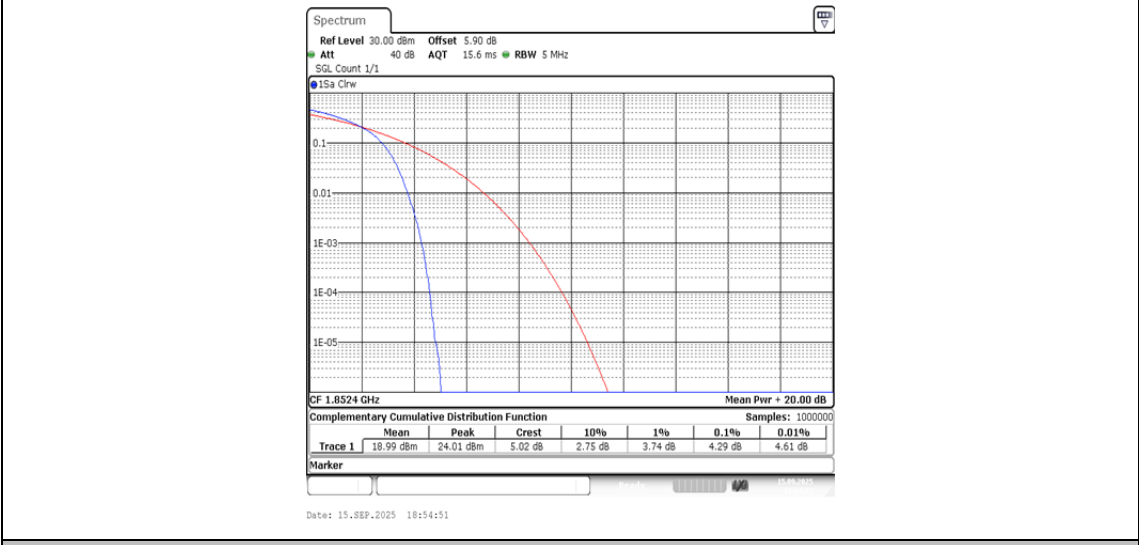




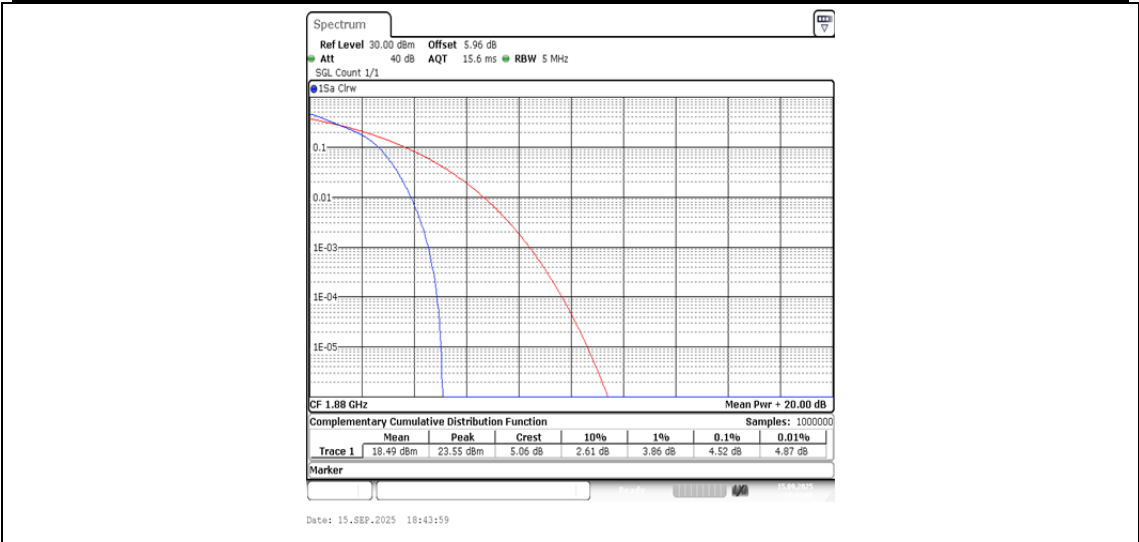
Band2-9262-3-PASS



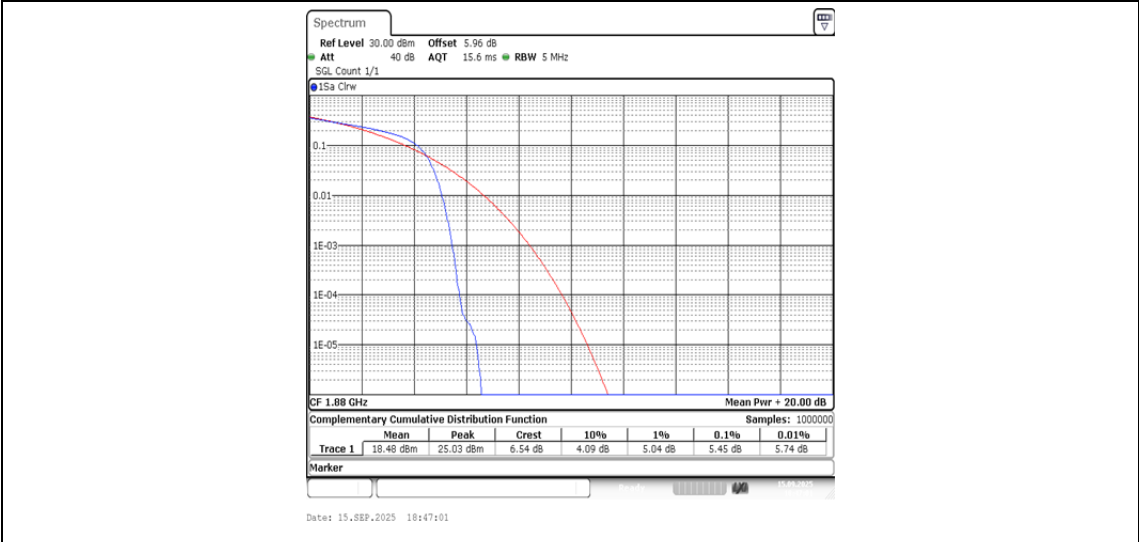
Band2-9262-4-PASS



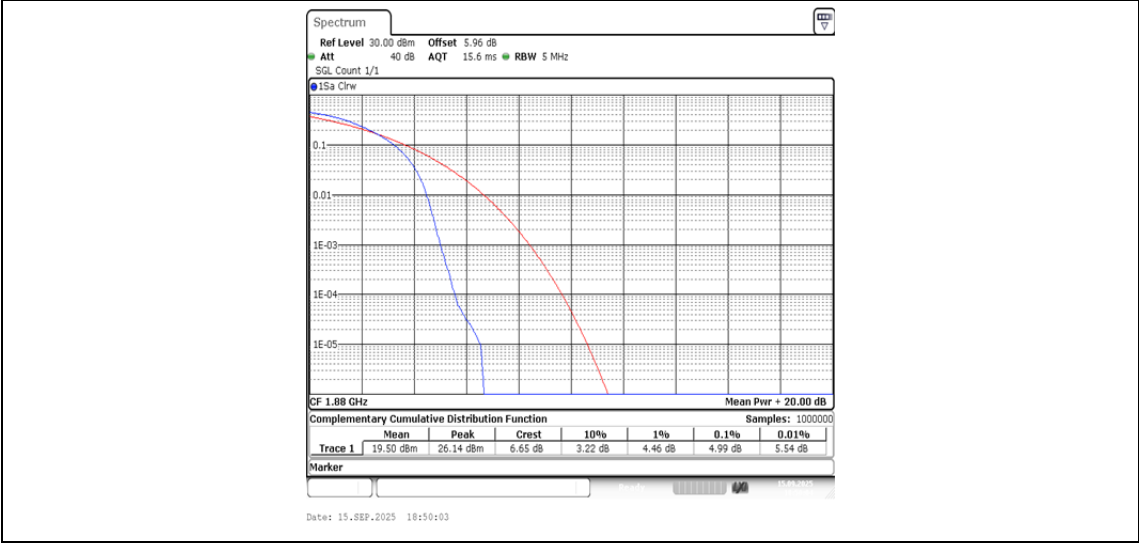
Band2-9262-5-PASS



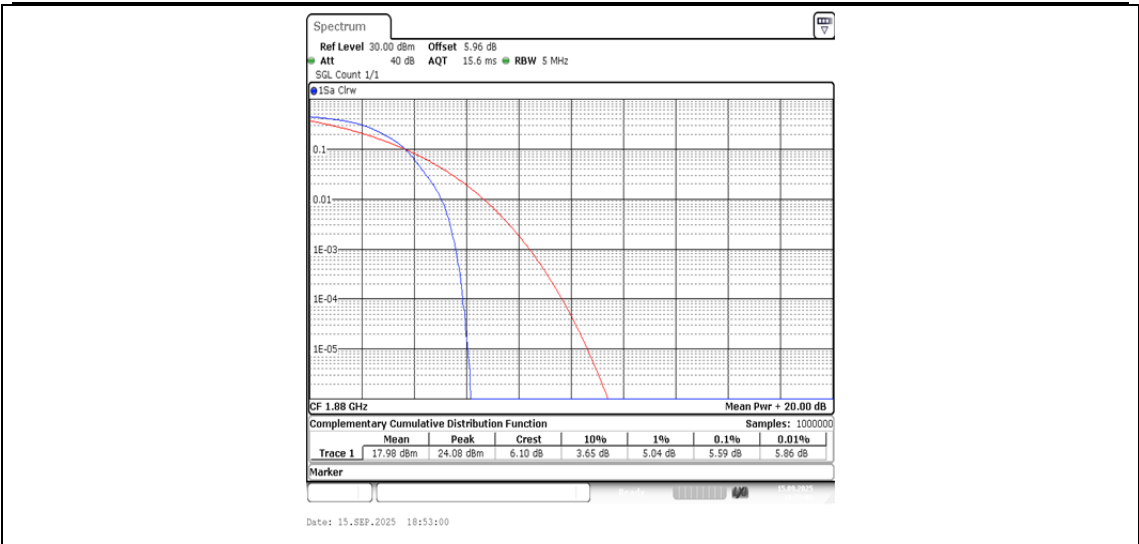
Band2-9400-1-PASS



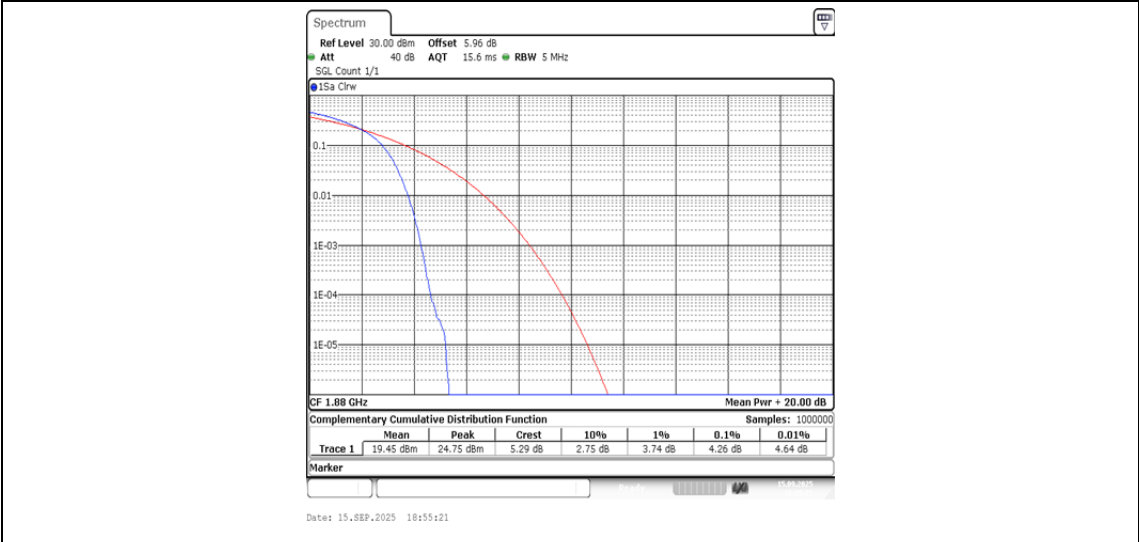
Band2-9400-2-PASS



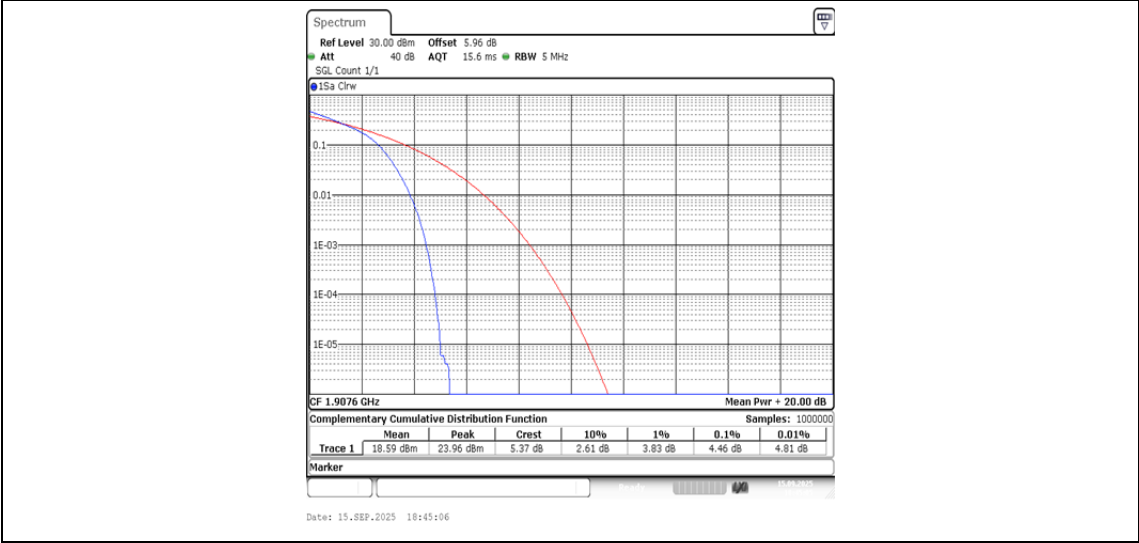
Band2-9400-3-PASS



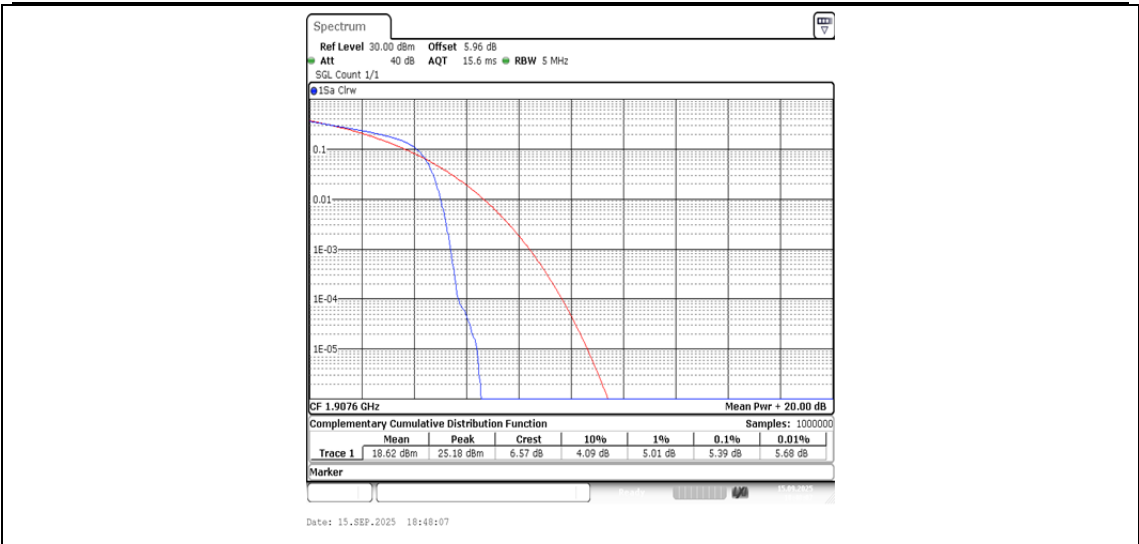
Band2-9400-4-PASS



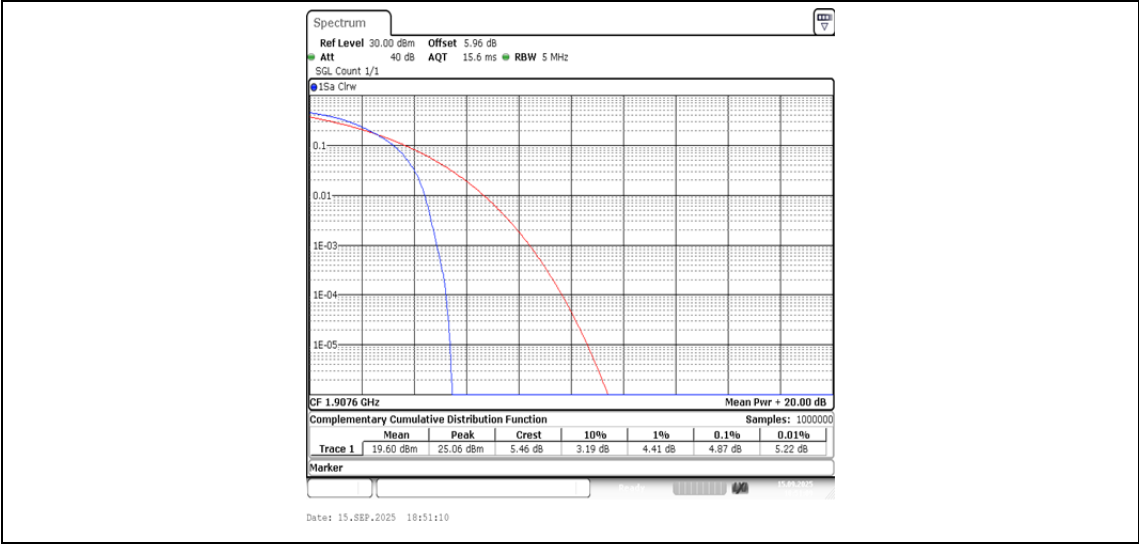
Band2-9400-5-PASS



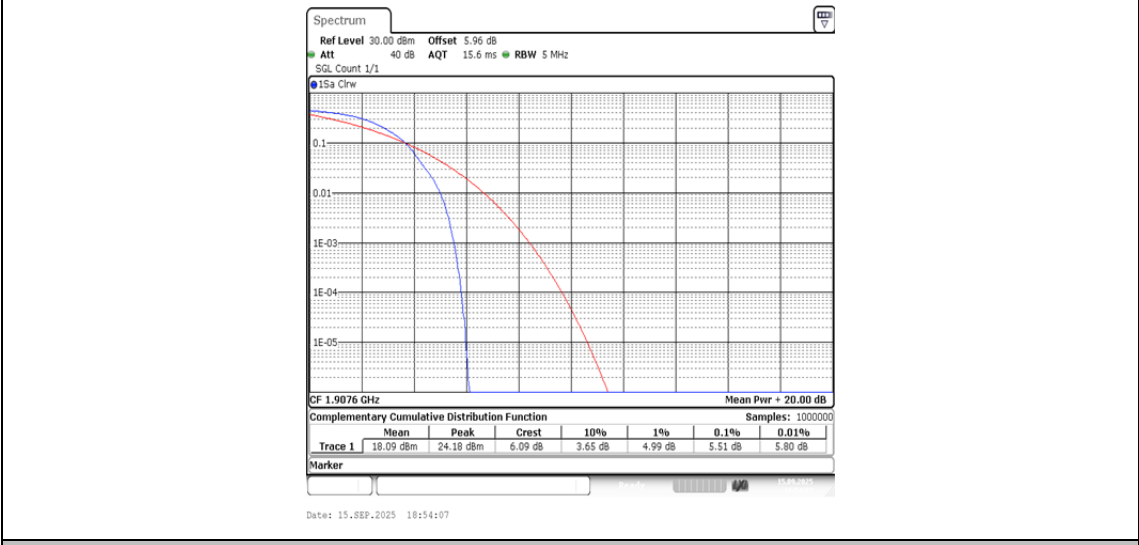
Band2-9538-1-PASS



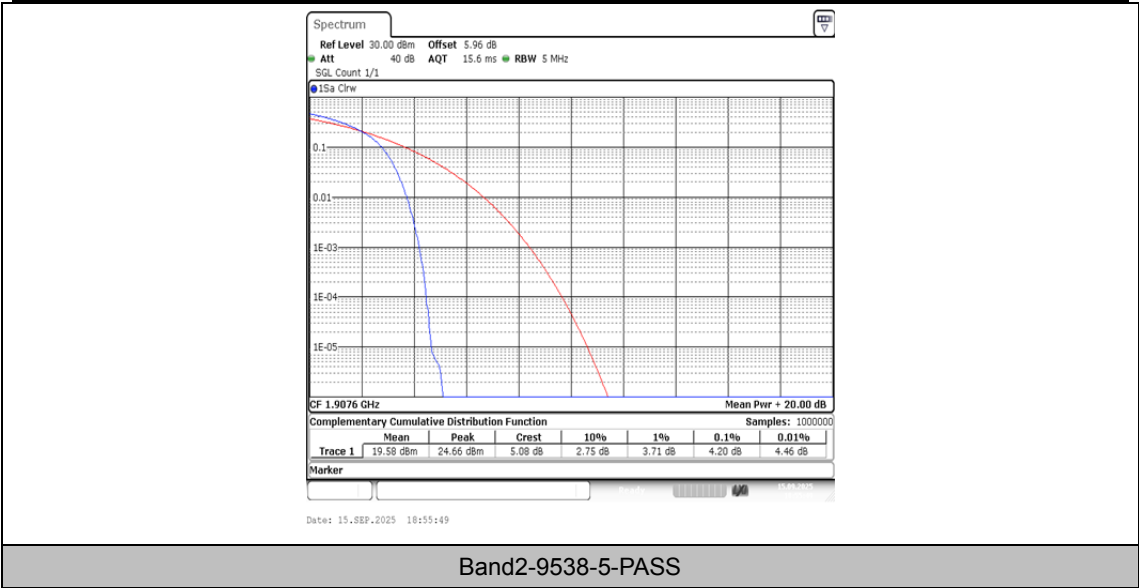
Band2-9538-2-PASS



Band2-9538-3-PASS



Band2-9538-4-PASS



AppendixC:26dB Bandwidth andOccupied Bandwidth

Test Result

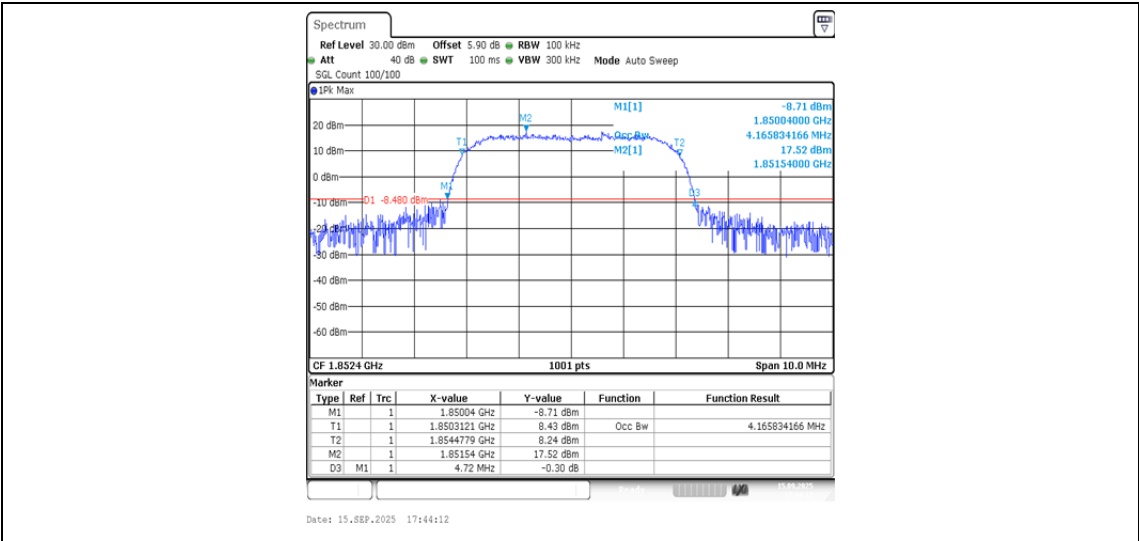
Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(MHz)	Verdict
Band2	9262	4.166	4.72	---	PASS
Band2	9400	4.166	4.72	---	PASS
Band2	9538	4.156	4.73	---	PASS

Band	Channel	SubTest	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(MHz)	Verdict
Band2	9262	1	4.166	4.71	---	PASS
Band2	9262	2	4.166	4.72	---	PASS
Band2	9262	3	4.176	4.73	---	PASS
Band2	9262	4	4.176	4.73	---	PASS
Band2	9400	1	4.166	4.72	---	PASS
Band2	9400	2	4.166	4.73	---	PASS
Band2	9400	3	4.166	4.72	---	PASS
Band2	9400	4	4.176	4.73	---	PASS
Band2	9538	1	4.166	4.75	---	PASS
Band2	9538	2	4.166	4.72	---	PASS
Band2	9538	3	4.156	4.72	---	PASS
Band2	9538	4	4.166	4.72	---	PASS

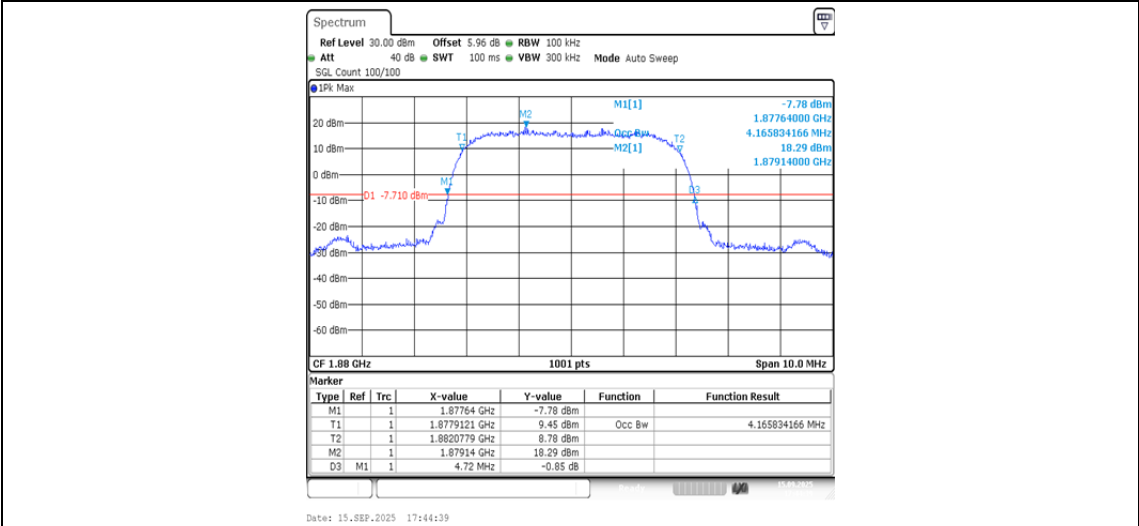
Band	Channel	SubTest	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(MHz)	Verdict
Band2	9262	1	4.186	4.72	---	PASS
Band2	9262	2	4.186	4.74	---	PASS
Band2	9262	3	4.206	4.73	---	PASS
Band2	9262	4	4.186	4.74	---	PASS
Band2	9262	5	4.166	4.70	---	PASS
Band2	9400	1	4.196	4.71	---	PASS
Band2	9400	2	4.196	4.75	---	PASS
Band2	9400	3	4.206	5.21	---	PASS
Band2	9400	4	4.186	4.75	---	PASS
Band2	9400	5	4.176	4.72	---	PASS
Band2	9538	1	4.186	4.74	---	PASS

Band2	9538	2	4.176	4.71	---	PASS
Band2	9538	3	4.186	4.74	---	PASS
Band2	9538	4	4.196	5.10	---	PASS
Band2	9538	5	4.166	4.70	---	PASS

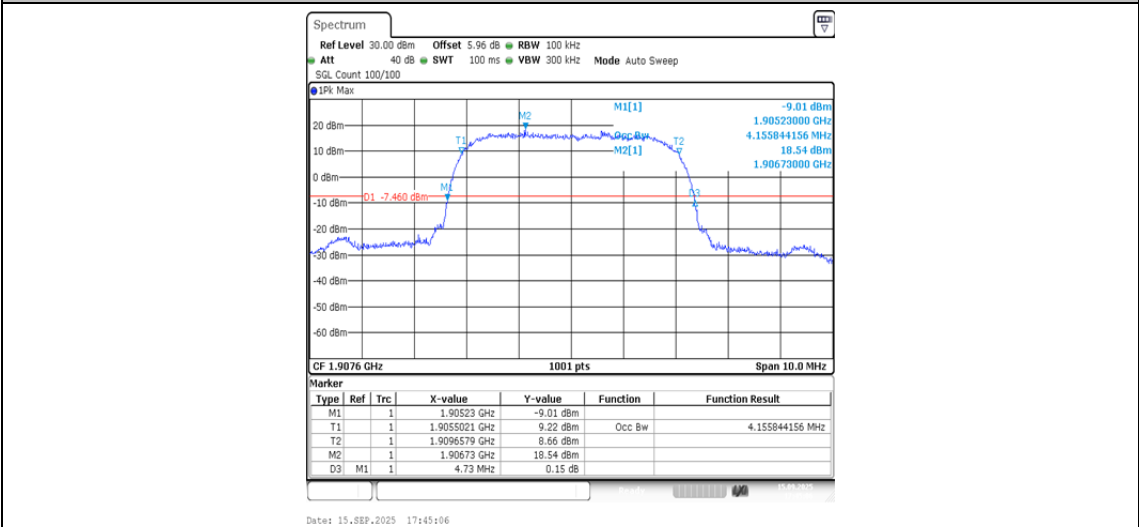
Test Graphs



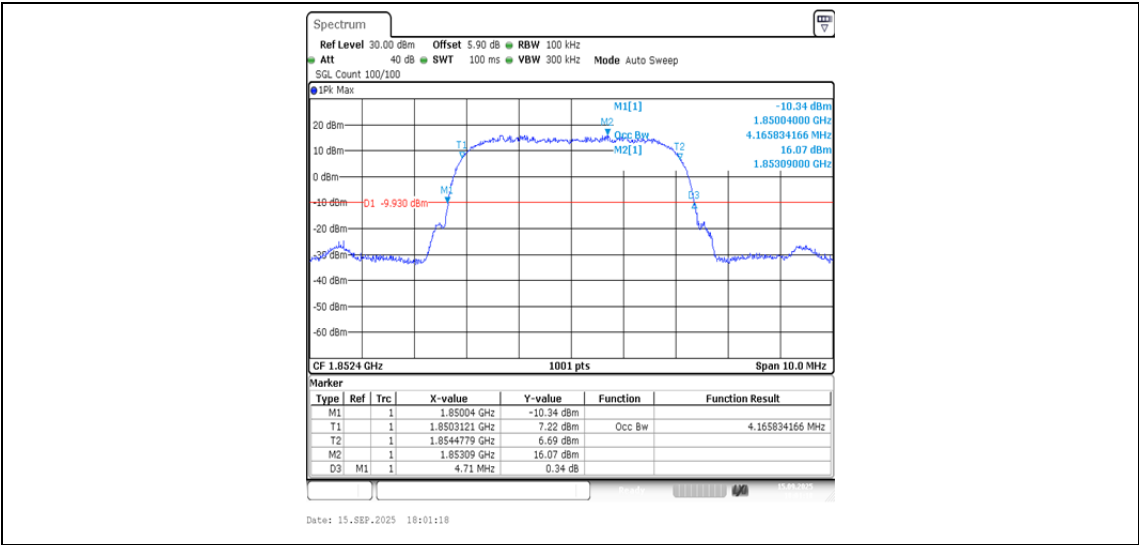
Band2-9262-PASS



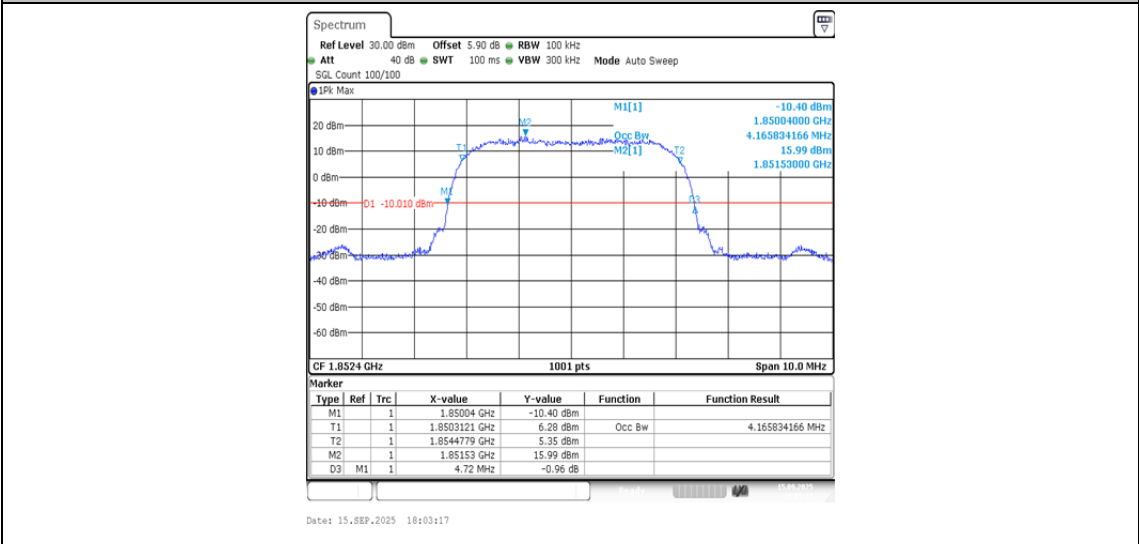
Band2-9400-PASS



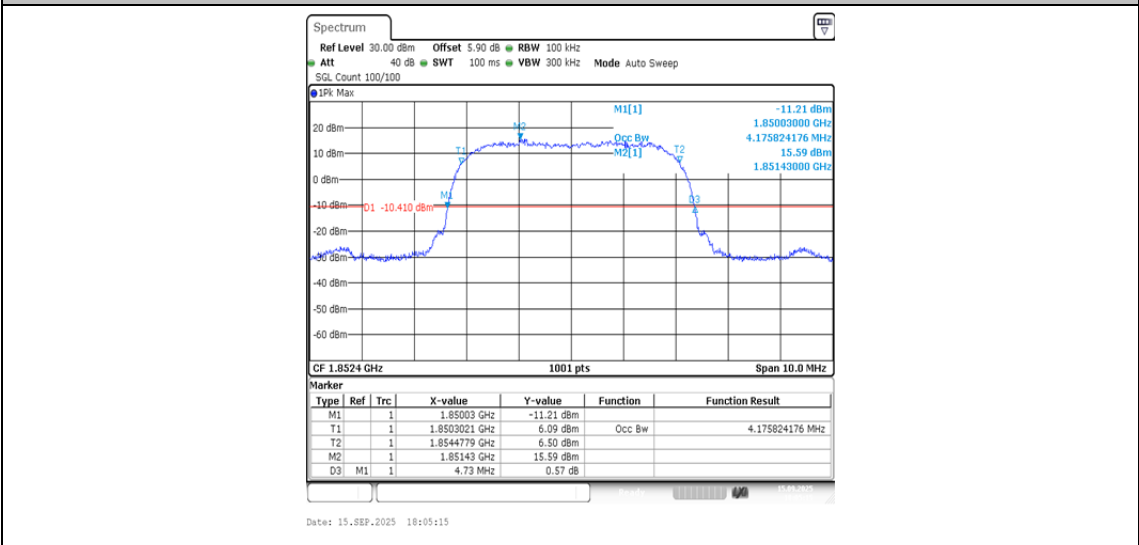
Band2-9538-PASS

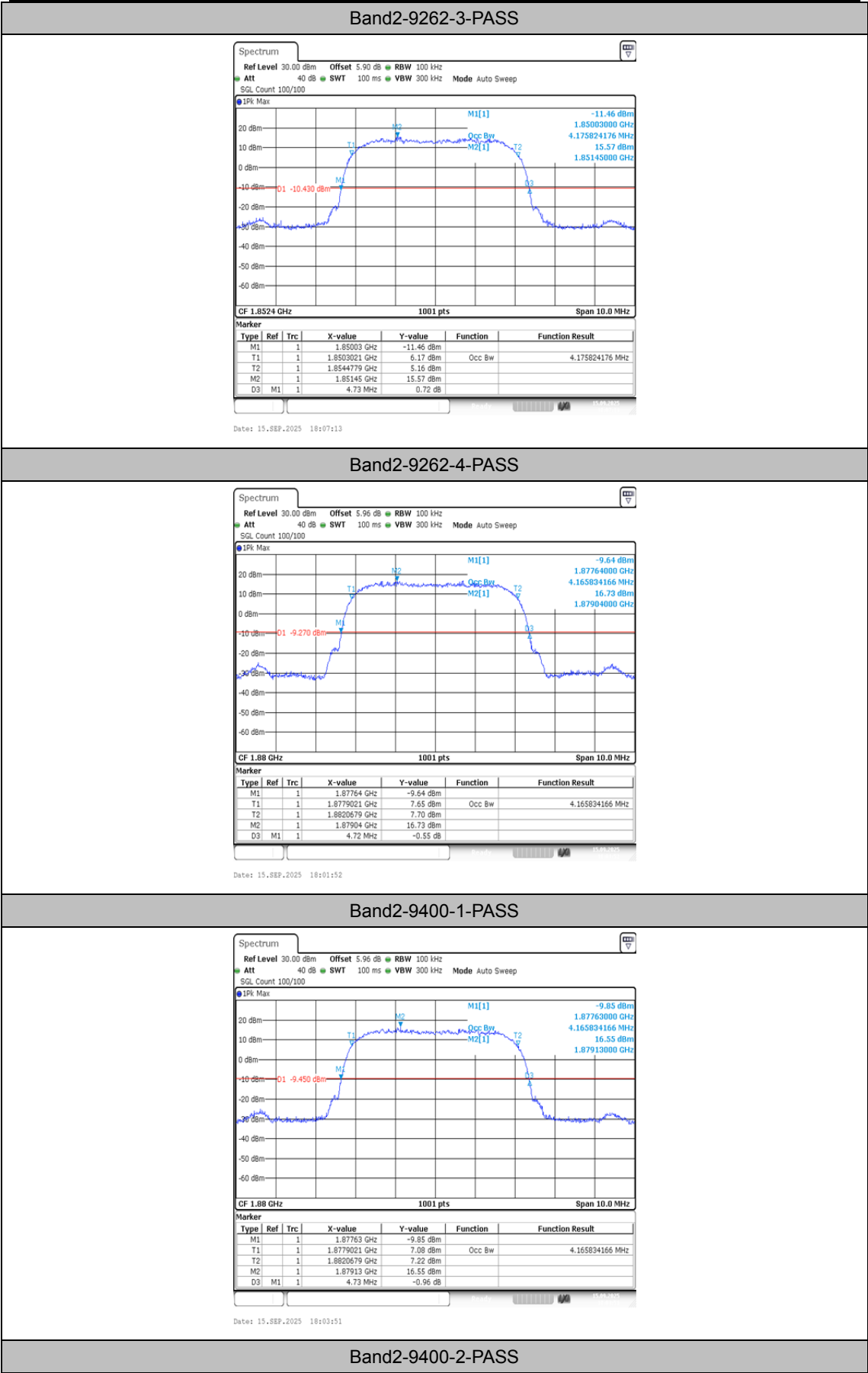


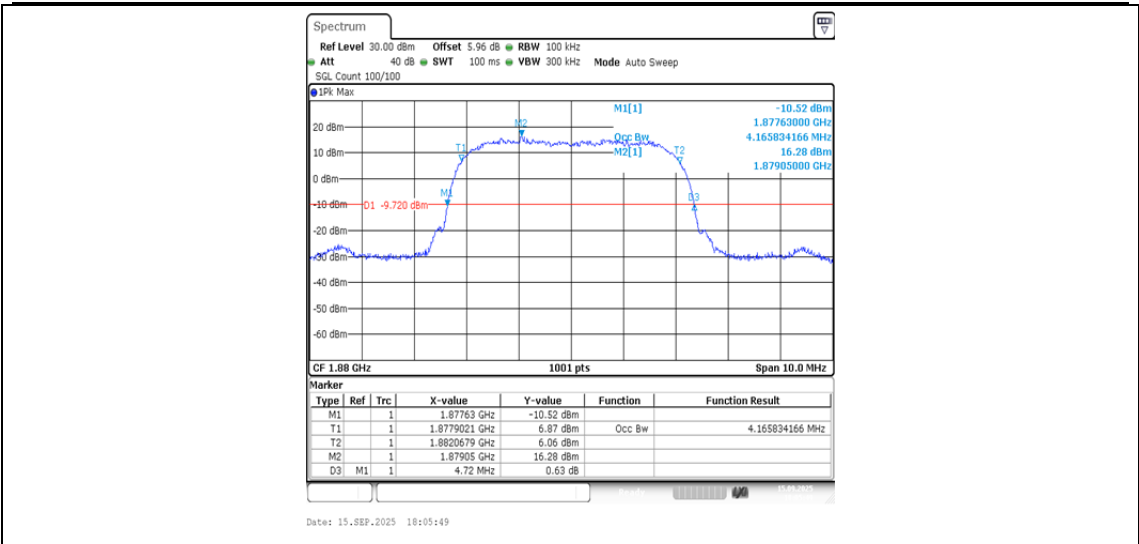
Band2-9262-1-PASS



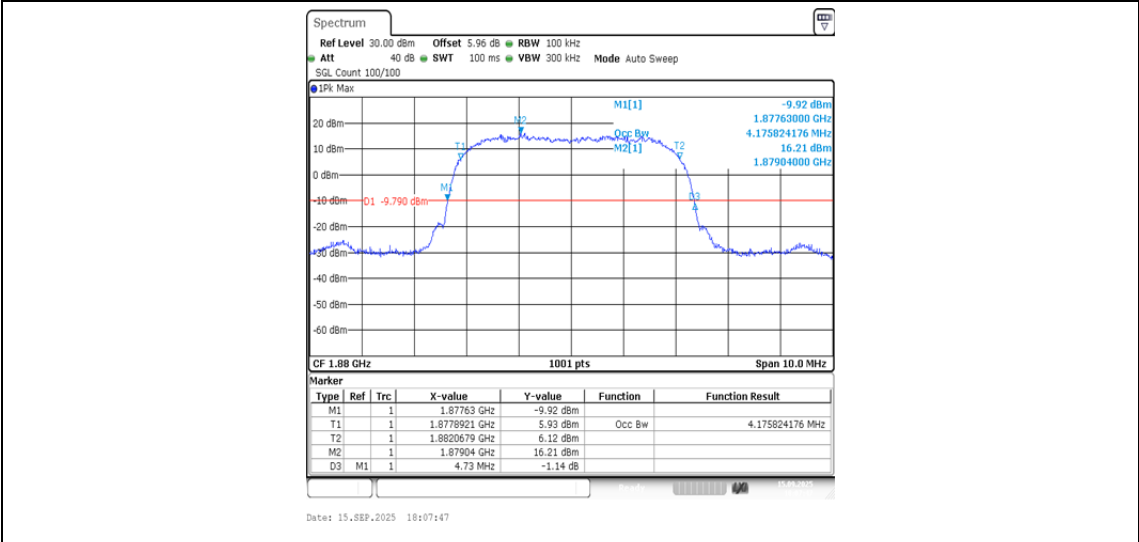
Band2-9262-2-PASS



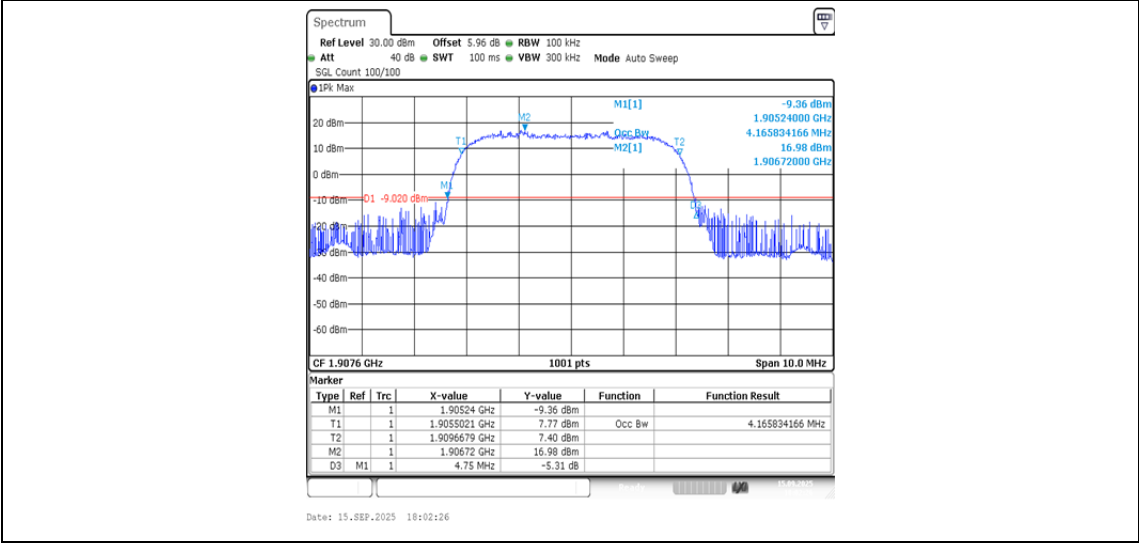




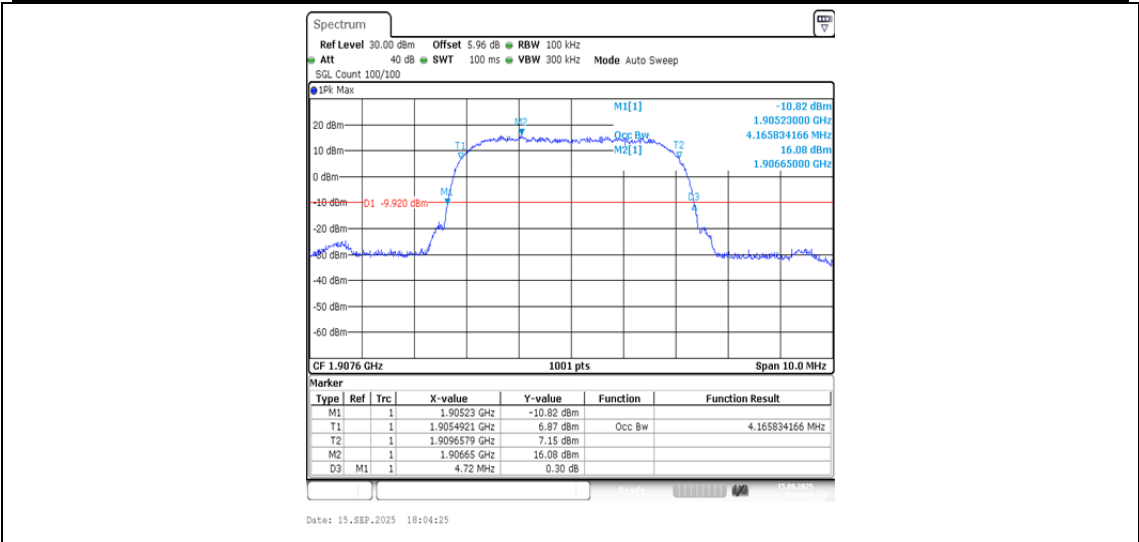
Band2-9400-3-PASS



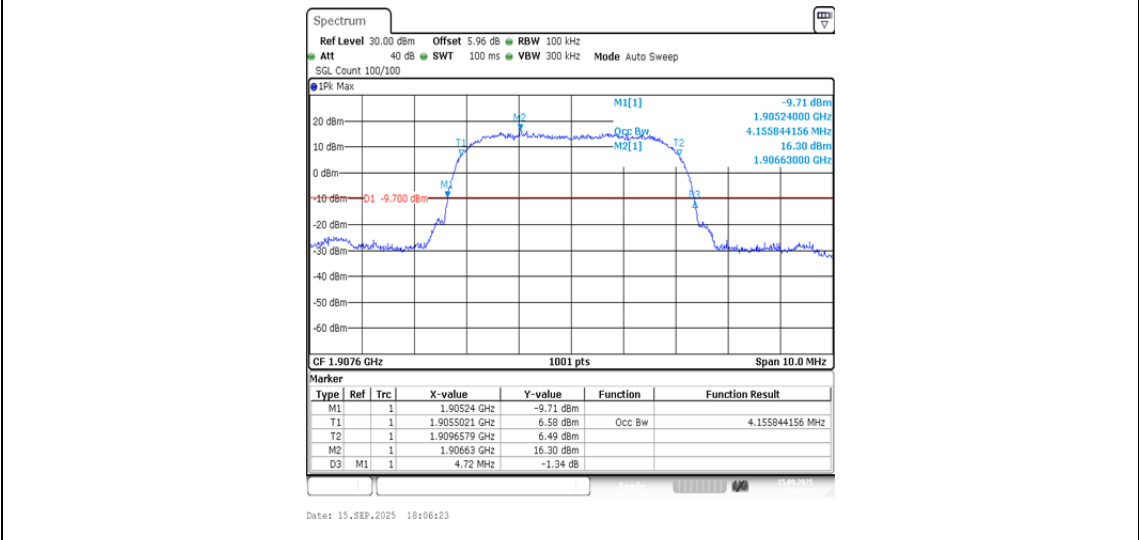
Band2-9400-4-PASS



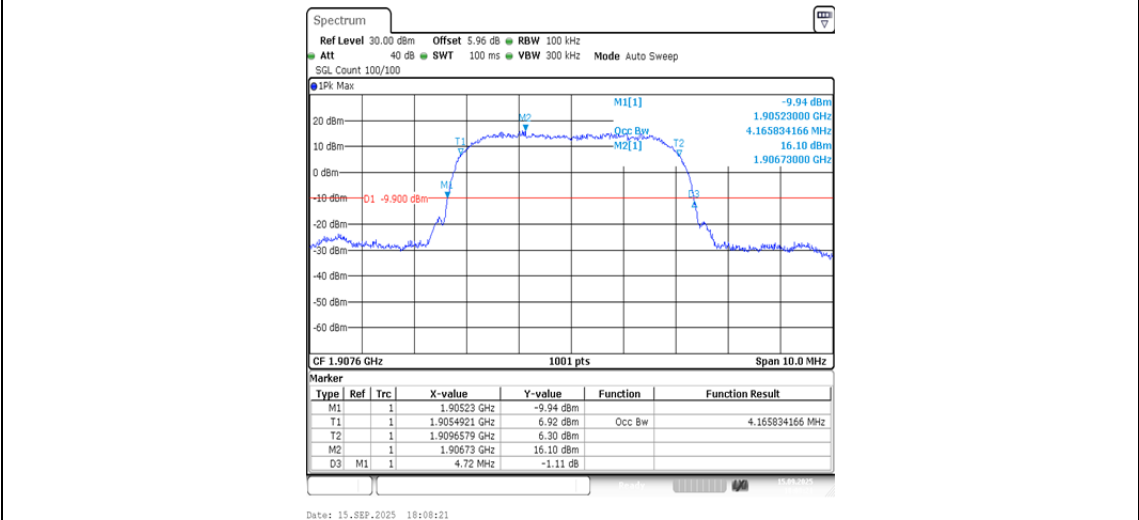
Band2-9538-1-PASS



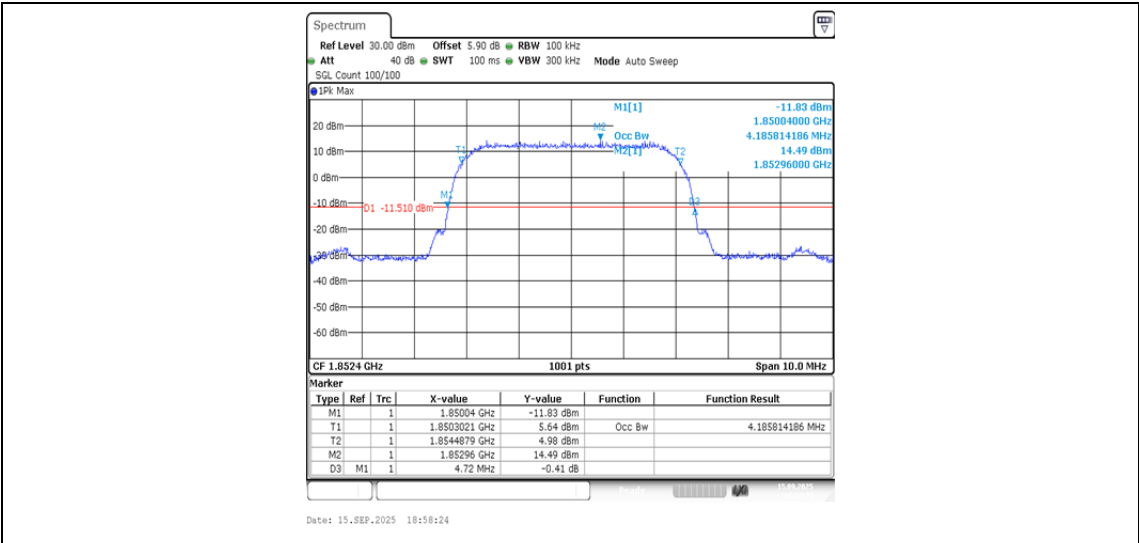
Band2-9538-2-PASS



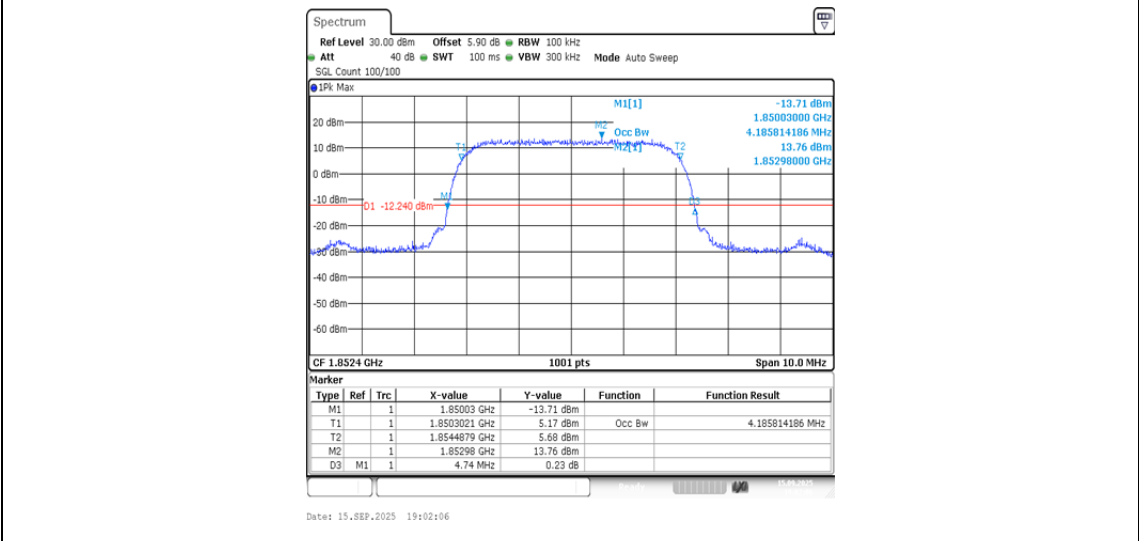
Band2-9538-3-PASS



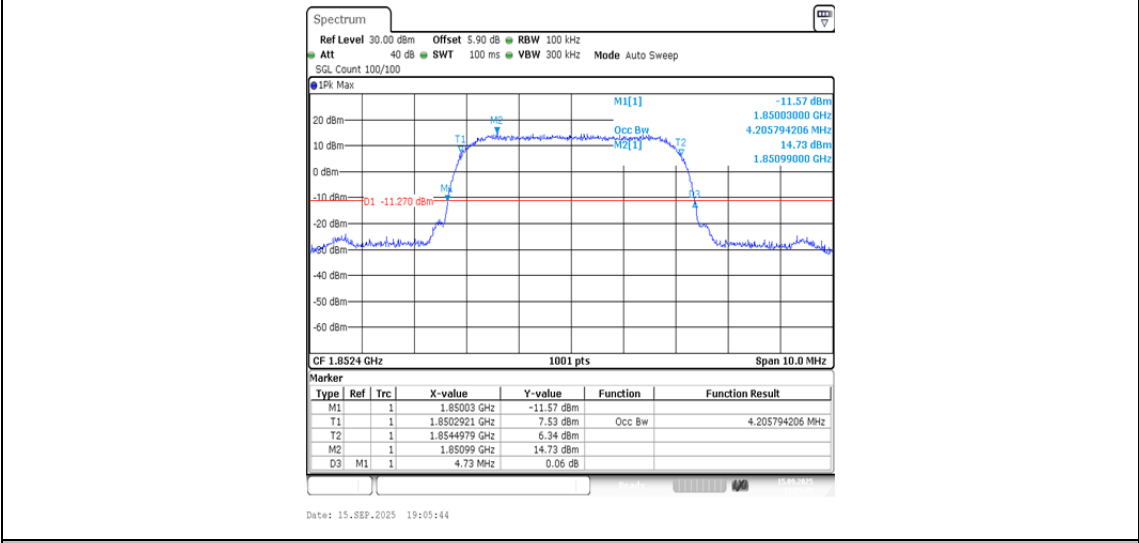
Band2-9538-4-PASS



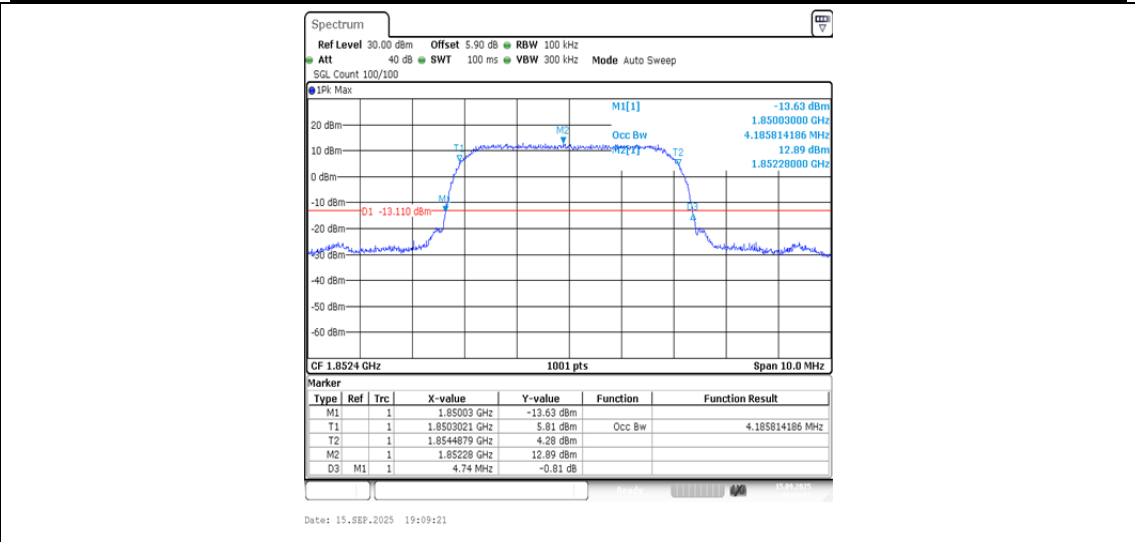
Band2-9262-1-PASS



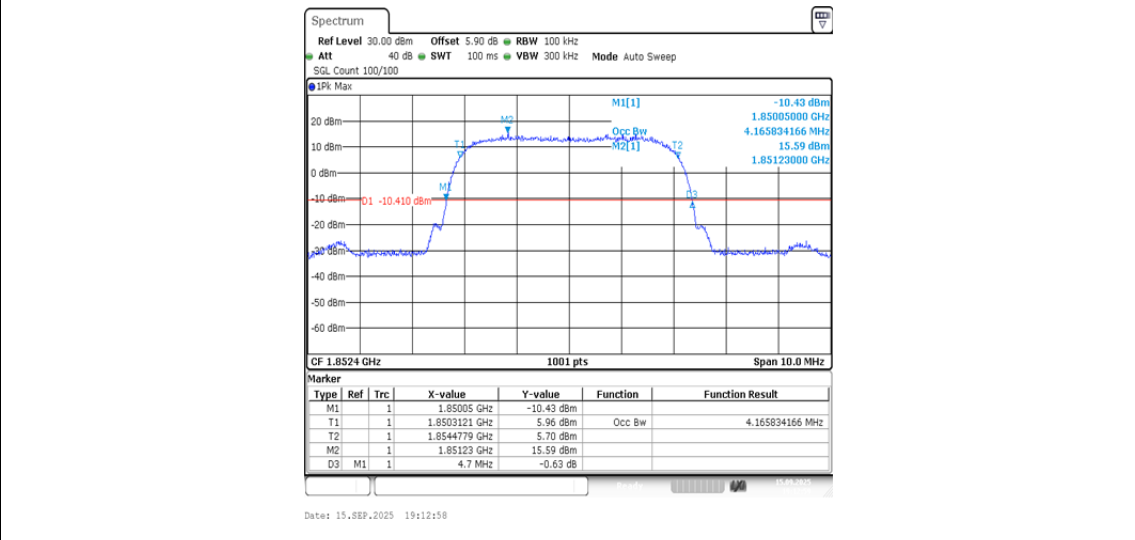
Band2-9262-2-PASS



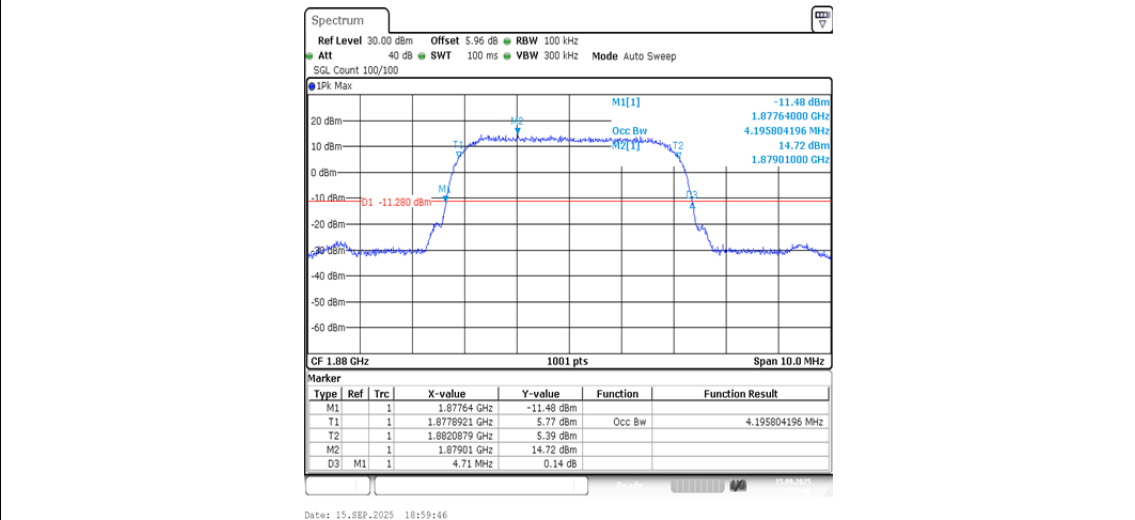
Band2-9262-3-PASS



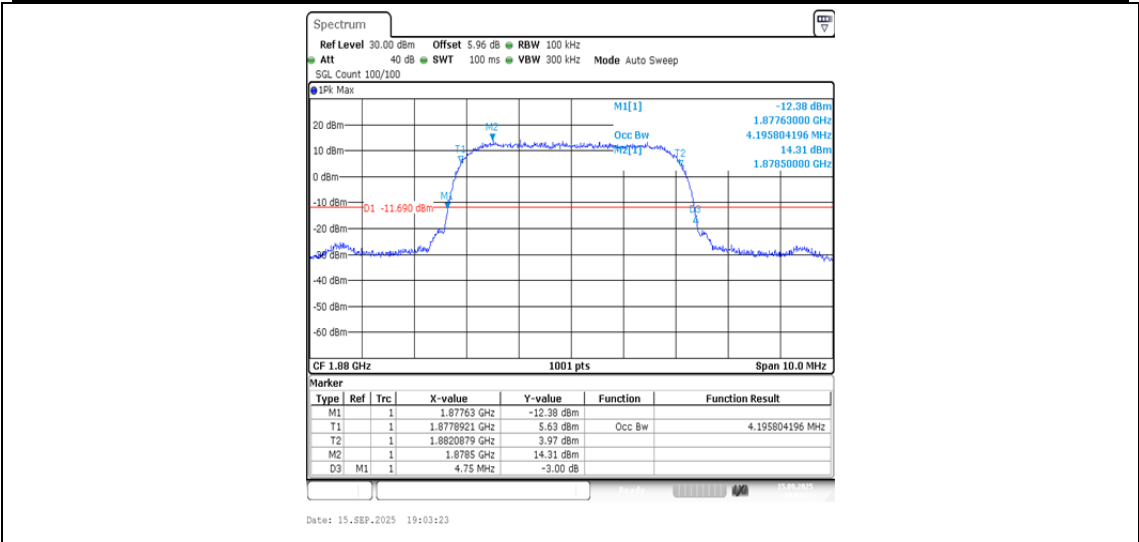
Band2-9262-4-PASS



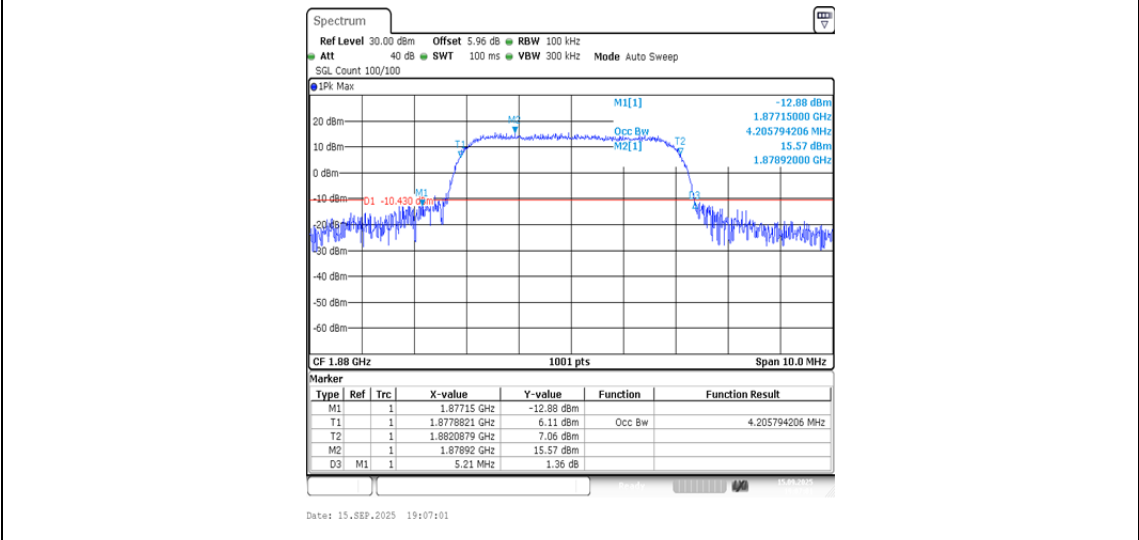
Band2-9262-5-PASS



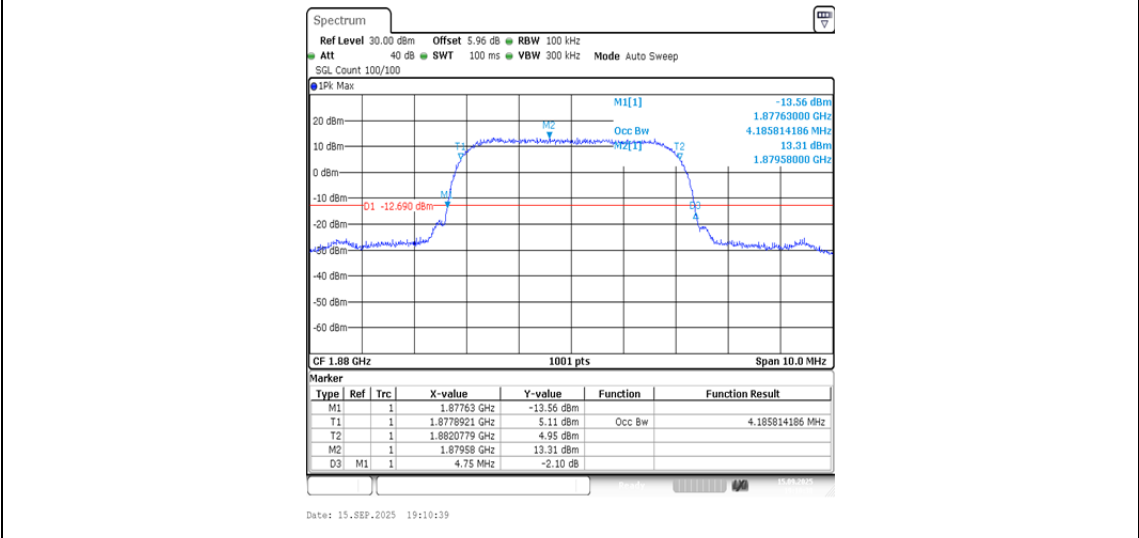
Band2-9400-1-PASS



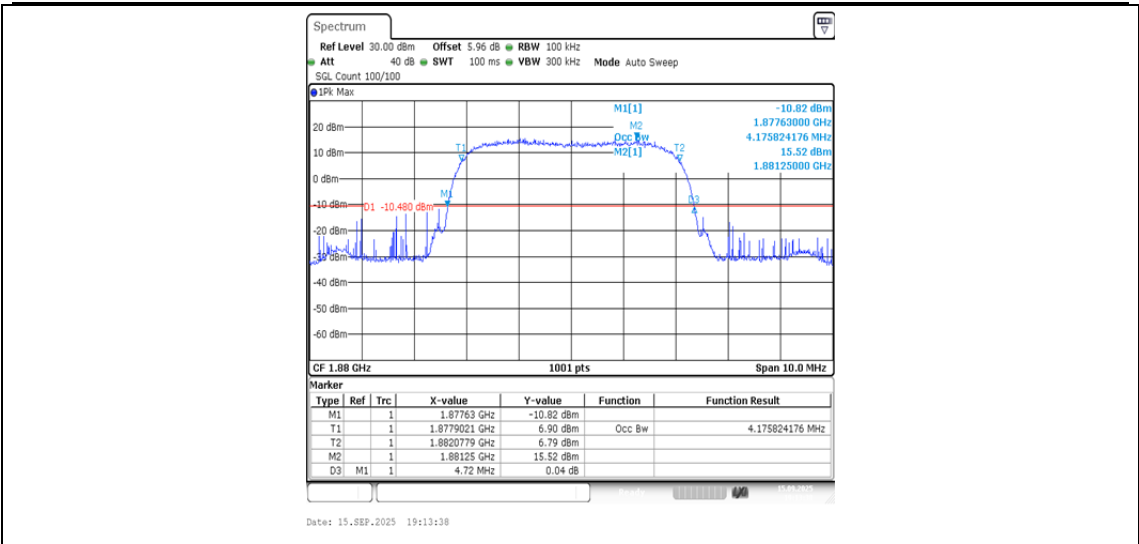
Band2-9400-2-PASS



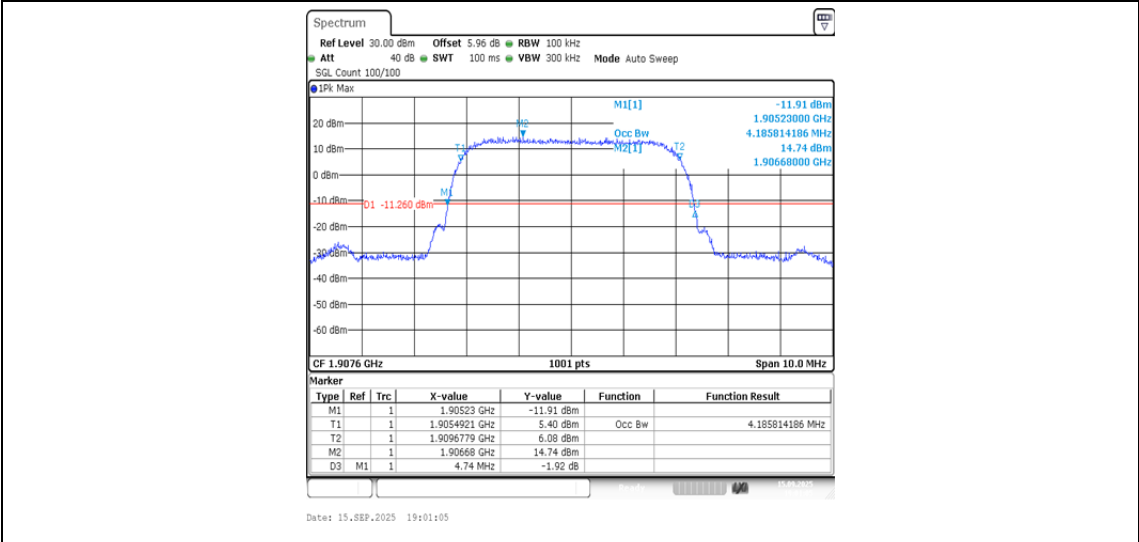
Band2-9400-3-PASS



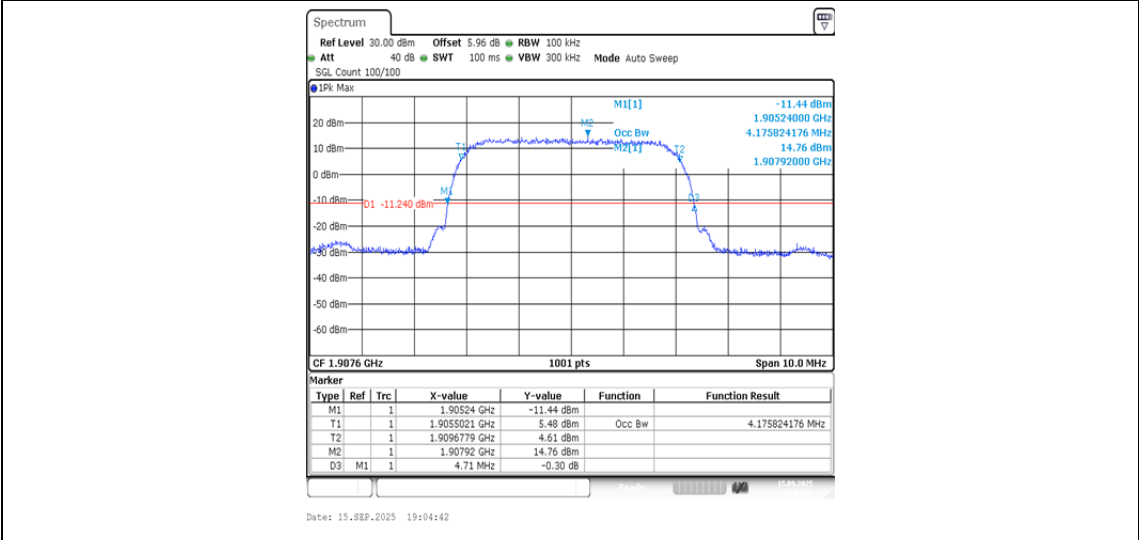
Band2-9400-4-PASS



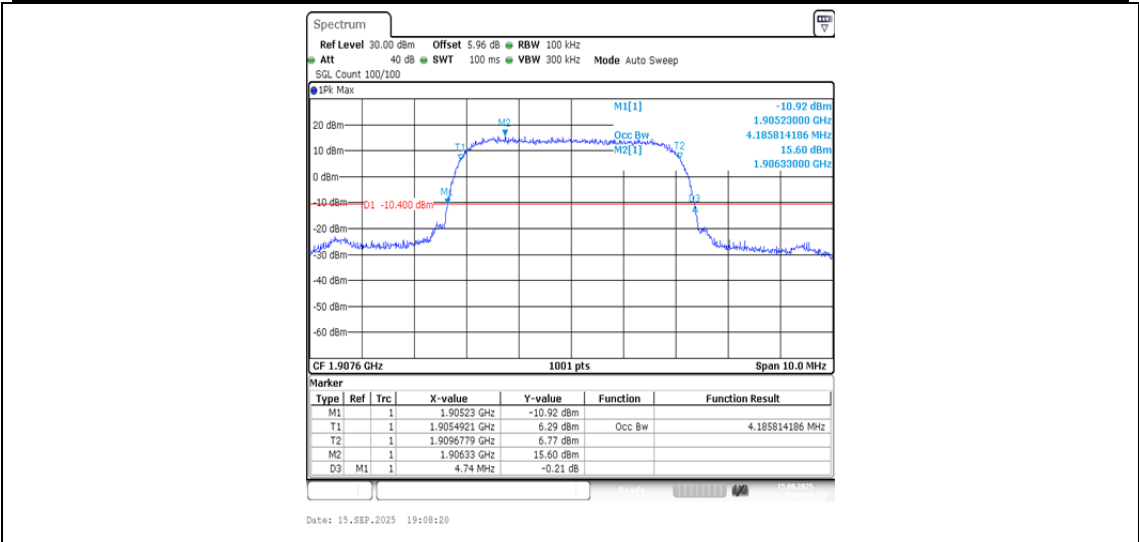
Band2-9400-5-PASS



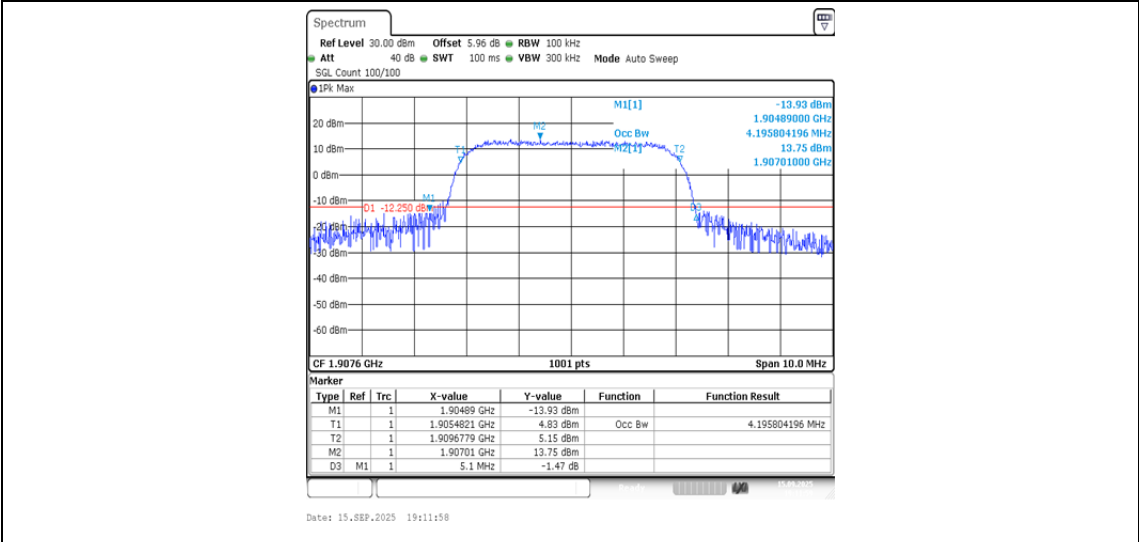
Band2-9538-1-PASS



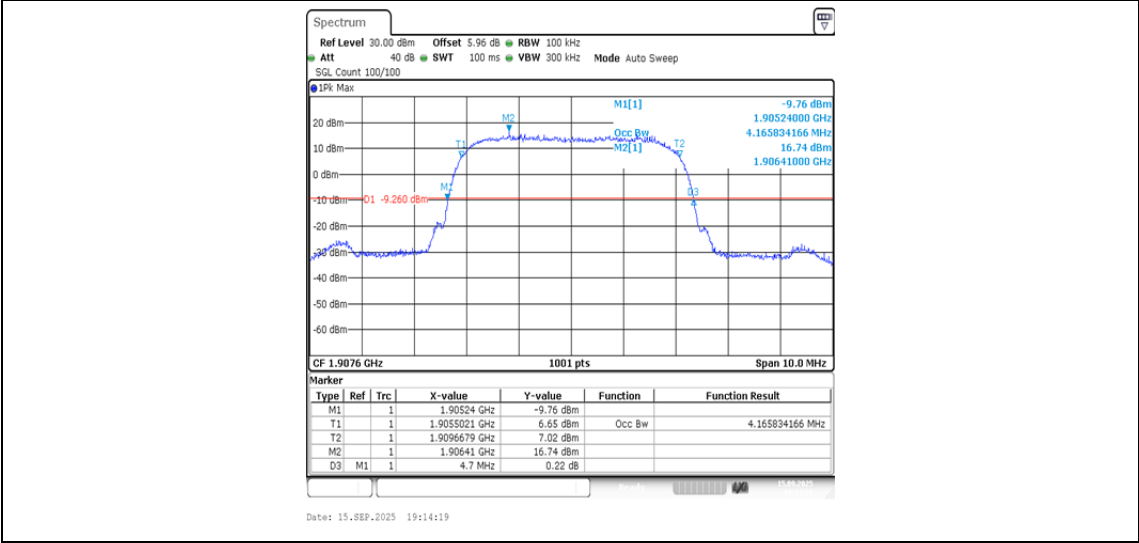
Band2-9538-2-PASS



Band2-9538-3-PASS



Band2-9538-4-PASS



Band2-9538-5-PASS

AppendixD:Band Edge

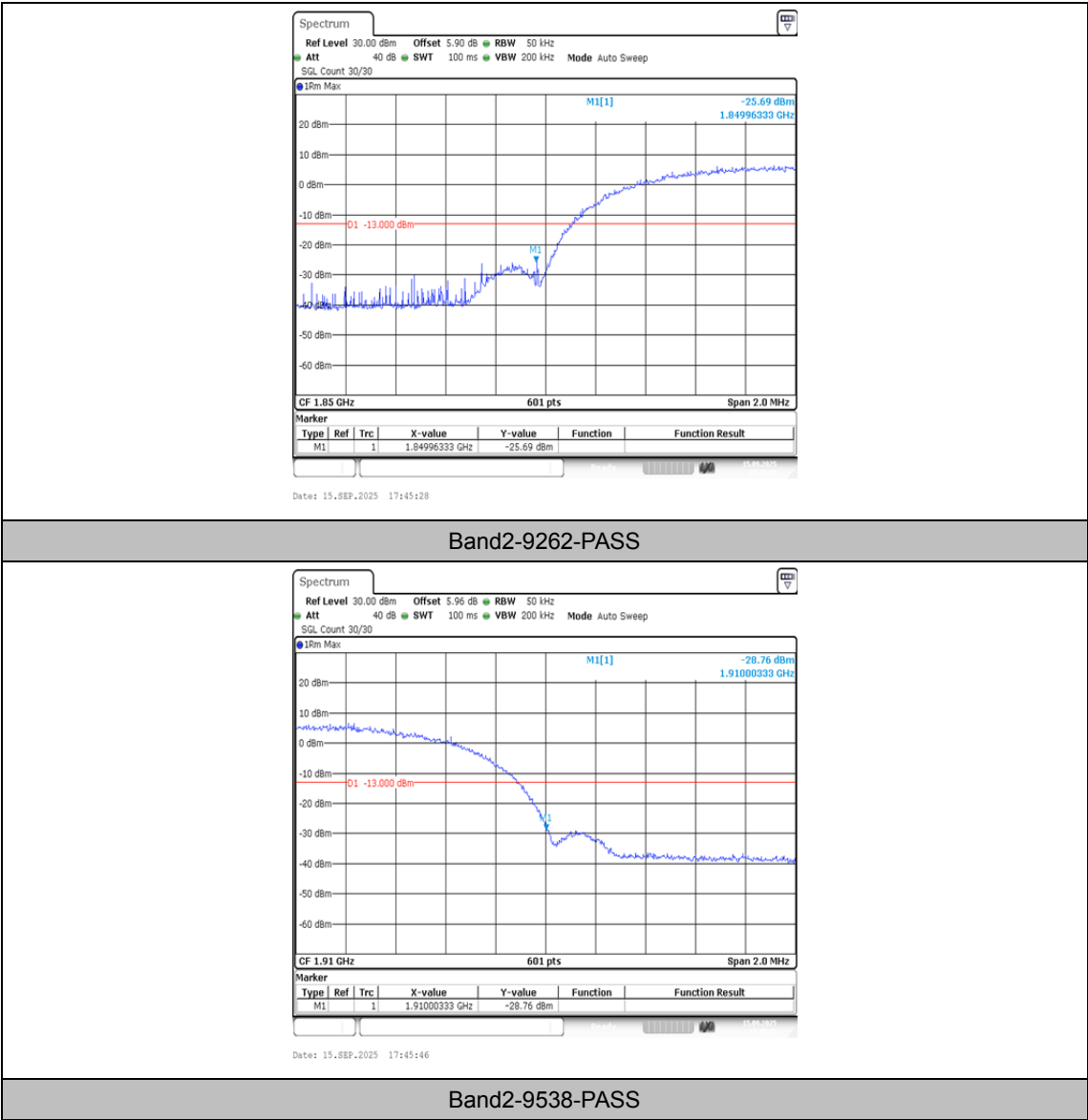
Test Result

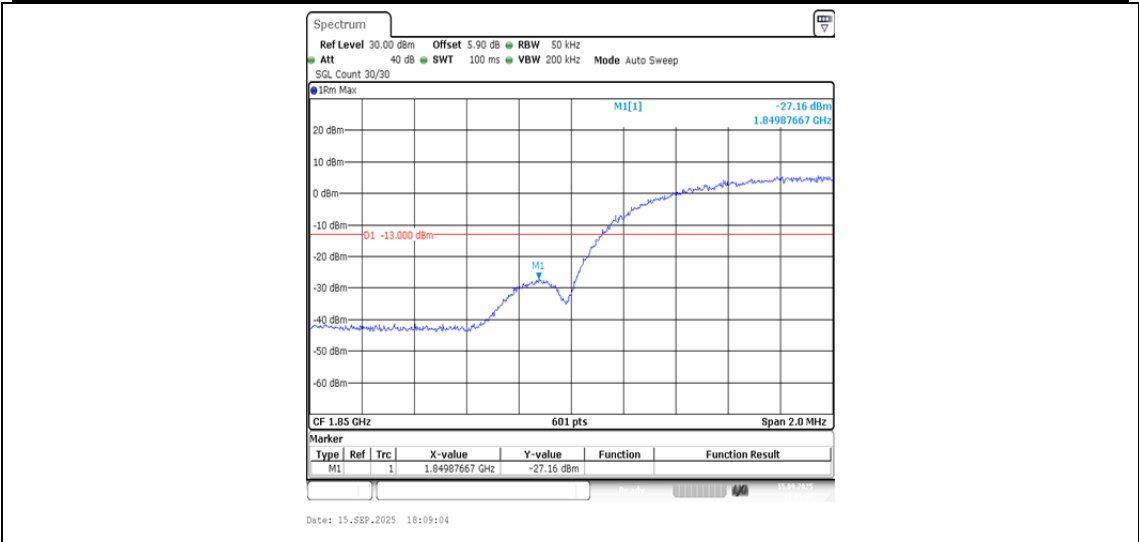
Band	Channel	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band2	9262	1849.96	-25.69	-13	PASS
Band2	9538	1910.00	-28.76	-13	PASS

Band	Channel	SubTest	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band2	9262	1	1849.88	-27.16	-13	PASS
Band2	9262	2	1849.84	-28.93	-13	PASS
Band2	9262	3	1849.86	-29.21	-13	PASS
Band2	9262	4	1849.87	-29.24	-13	PASS
Band2	9538	1	1910.13	-28.45	-13	PASS
Band2	9538	2	1910.12	-29.10	-13	PASS
Band2	9538	3	1910.11	-28.37	-13	PASS
Band2	9538	4	1910.11	-28.27	-13	PASS

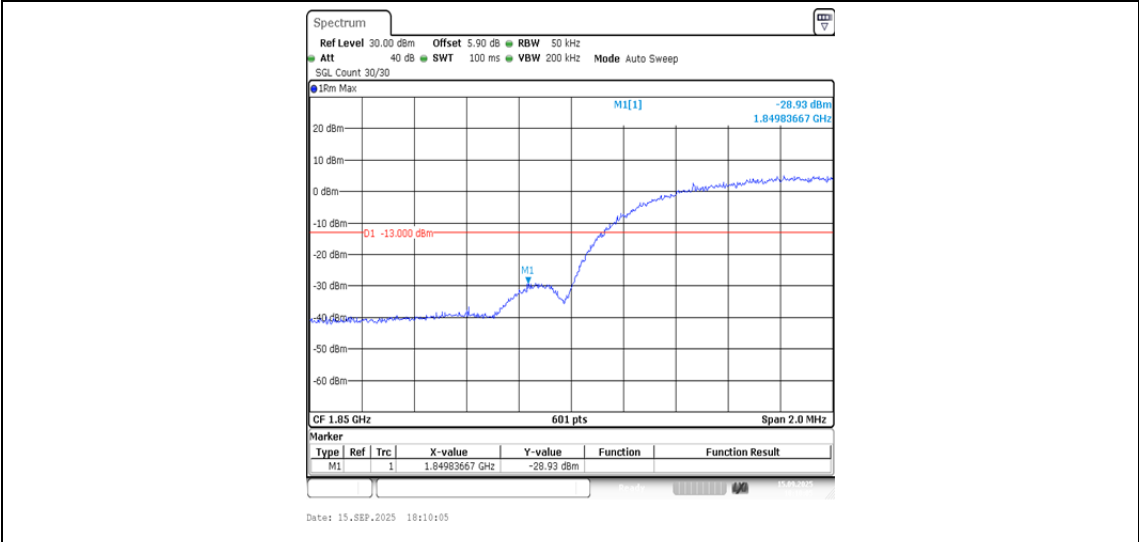
Band	Channel	SubTest	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band2	9262	1	1849.86	-29.06	-13	PASS
Band2	9262	2	1849.90	-27.22	-13	PASS
Band2	9262	3	1849.85	-27.87	-13	PASS
Band2	9262	4	1849.90	-28.45	-13	PASS
Band2	9262	5	1849.83	-29.08	-13	PASS
Band2	9538	1	1910.13	-29.20	-13	PASS
Band2	9538	2	1910.15	-29.61	-13	PASS
Band2	9538	3	1910.13	-28.62	-13	PASS
Band2	9538	4	1910.12	-30.42	-13	PASS
Band2	9538	5	1910.11	-29.11	-13	PASS

Test Graphs

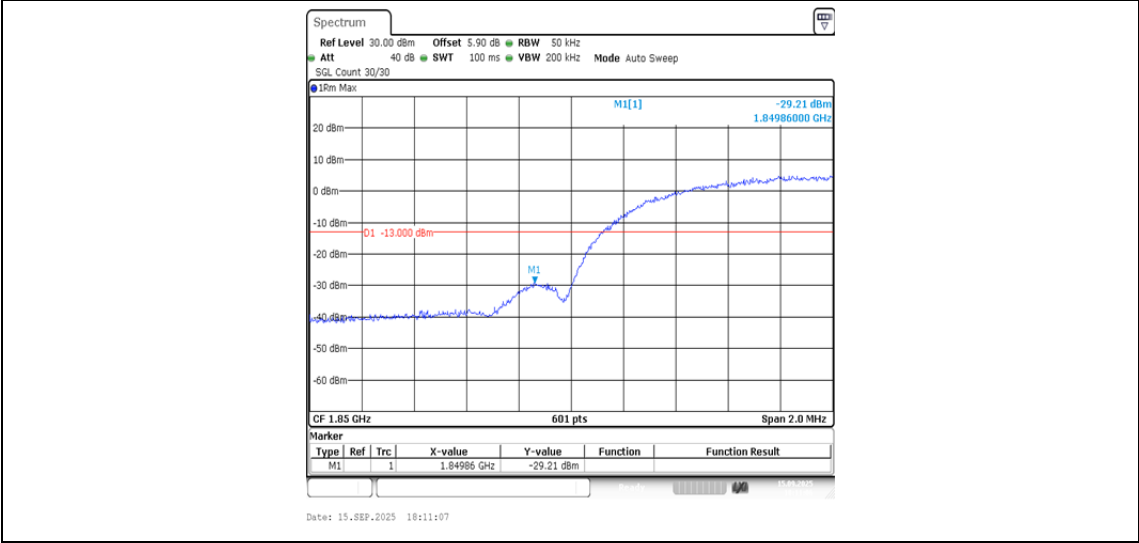




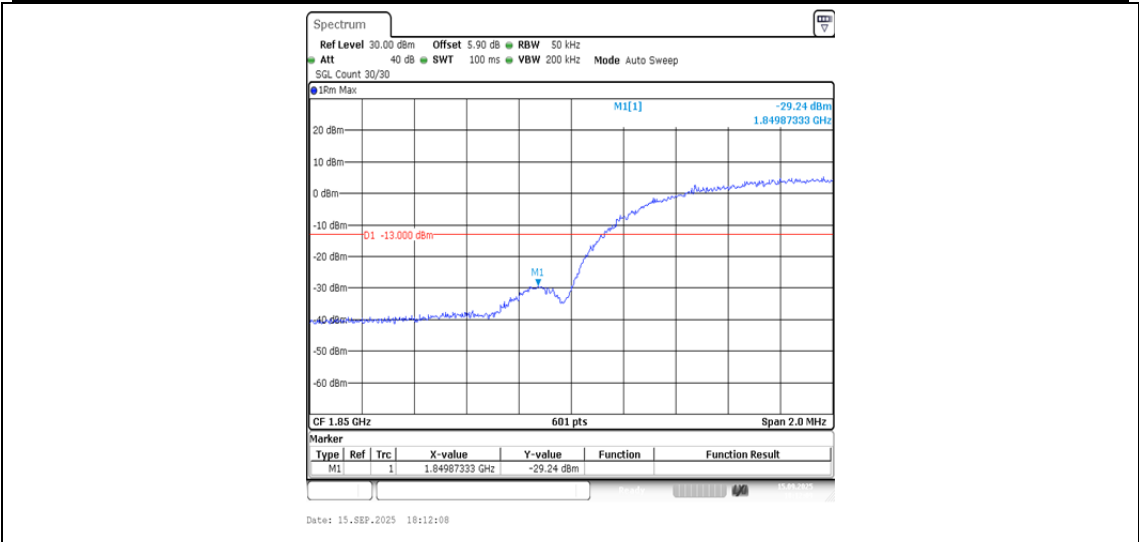
Band2-9262-1-PASS



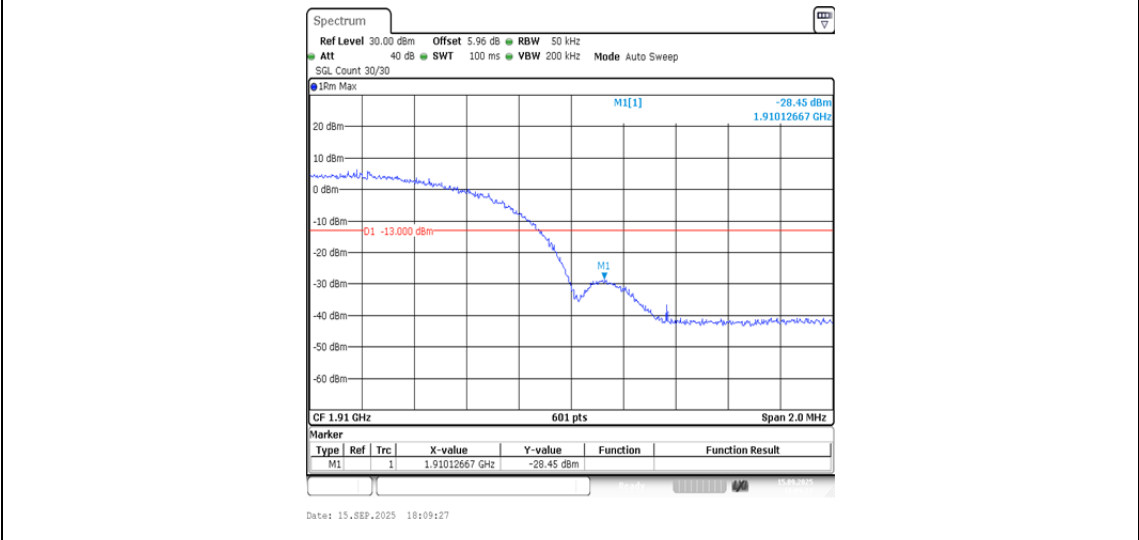
Band2-9262-2-PASS



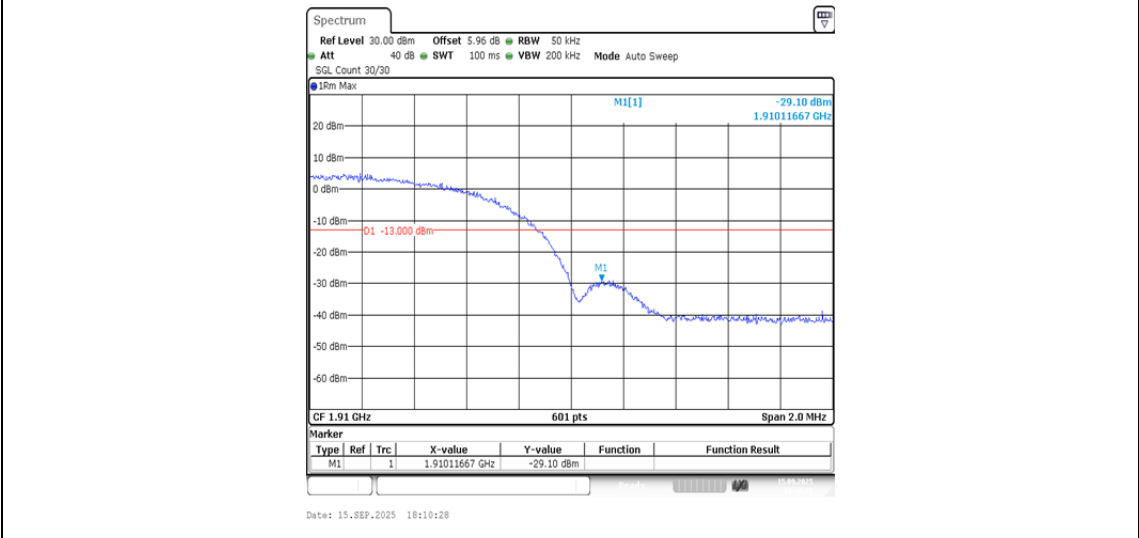
Band2-9262-3-PASS



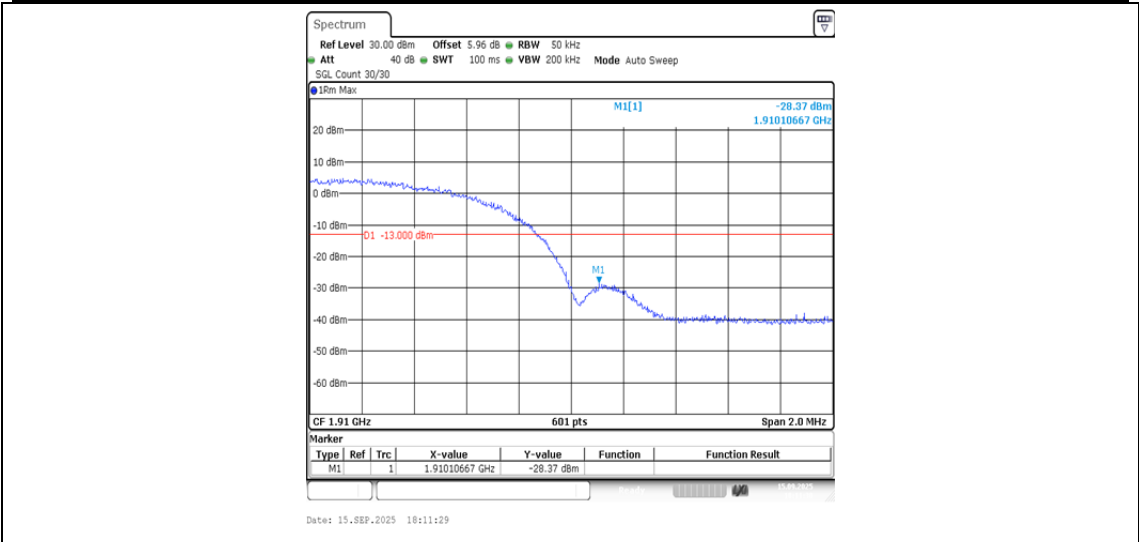
Band2-9262-4-PASS



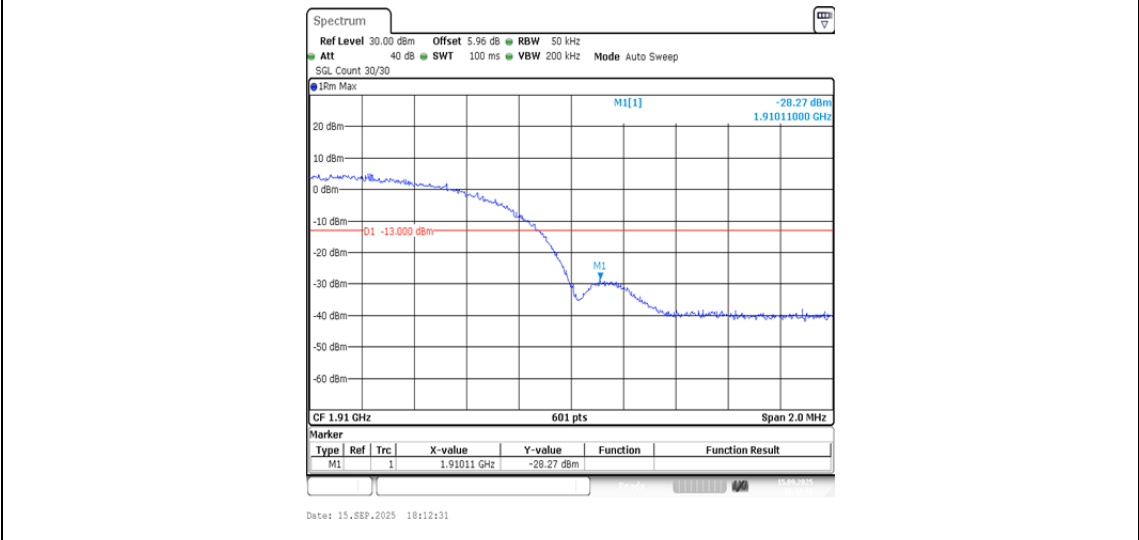
Band2-9538-1-PASS



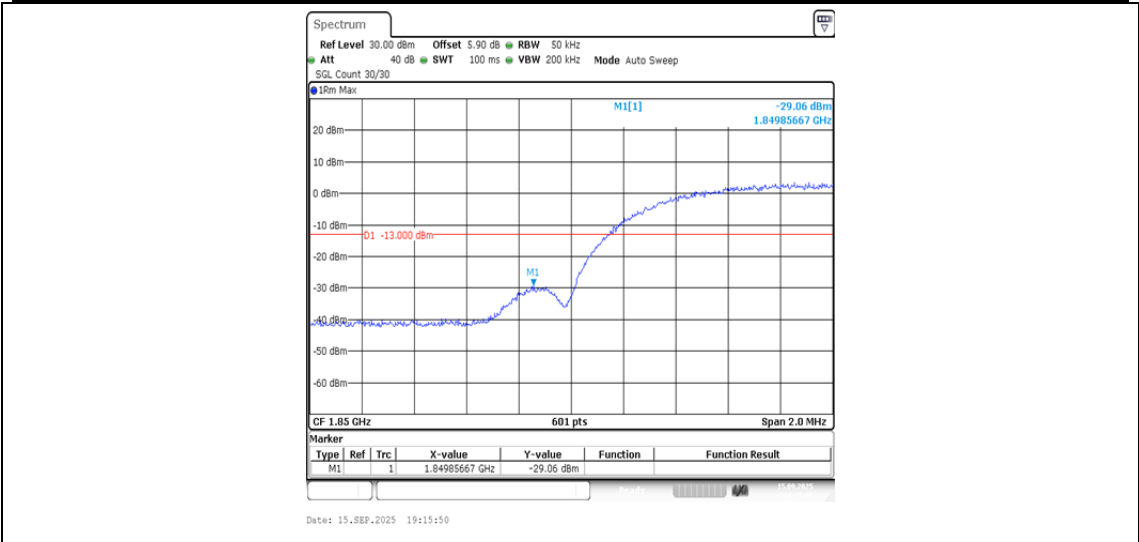
Band2-9538-2-PASS



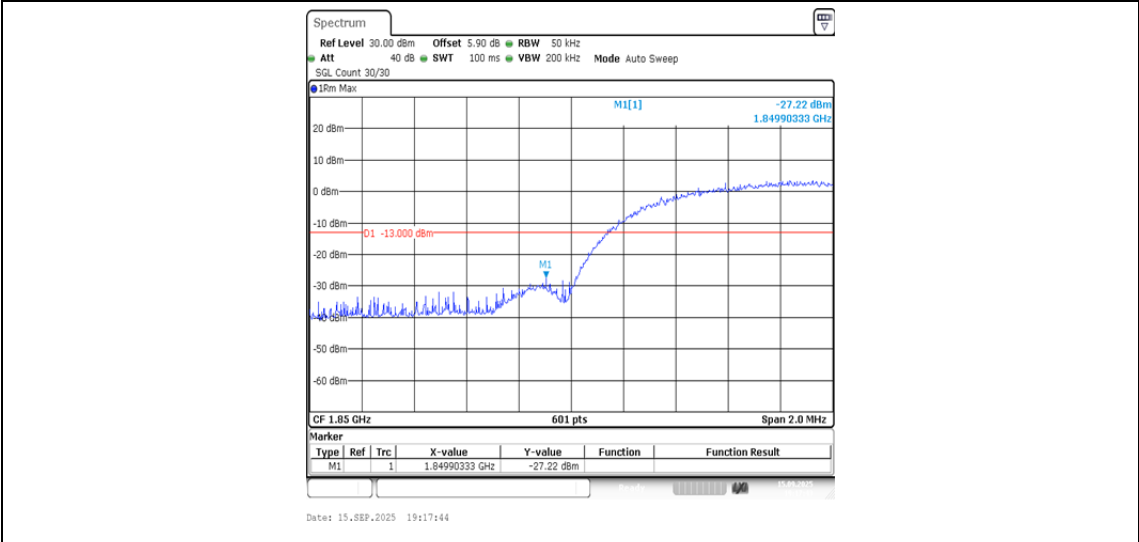
Band2-9538-3-PASS



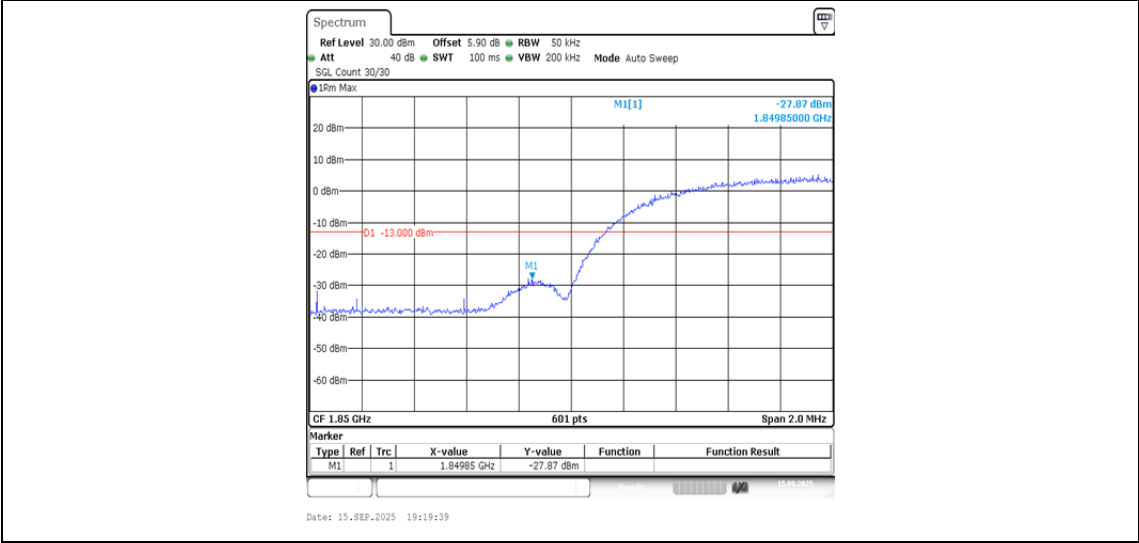
Band2-9538-4-PASS



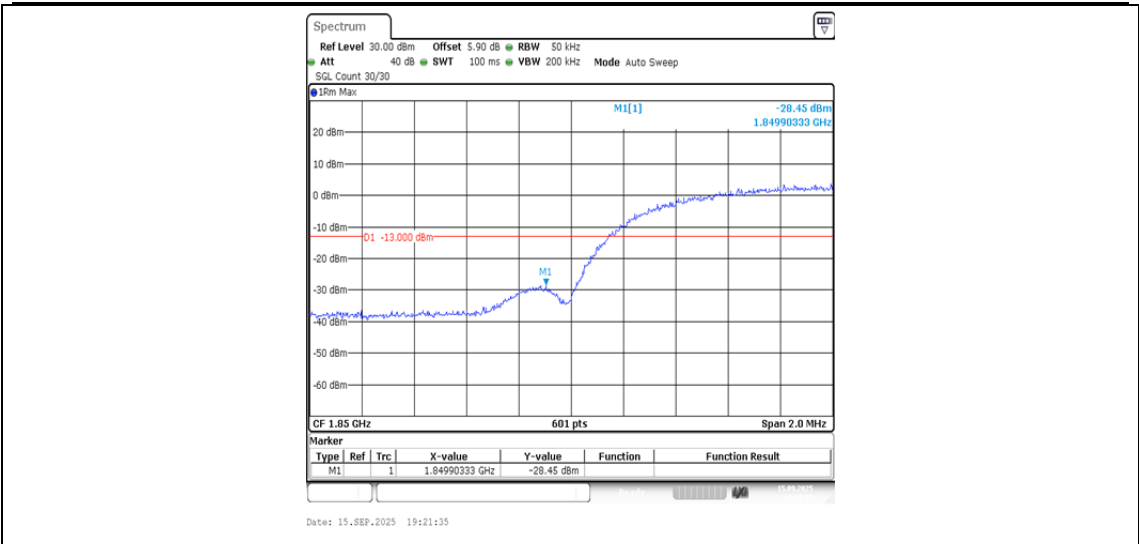
Band2-9262-1-PASS



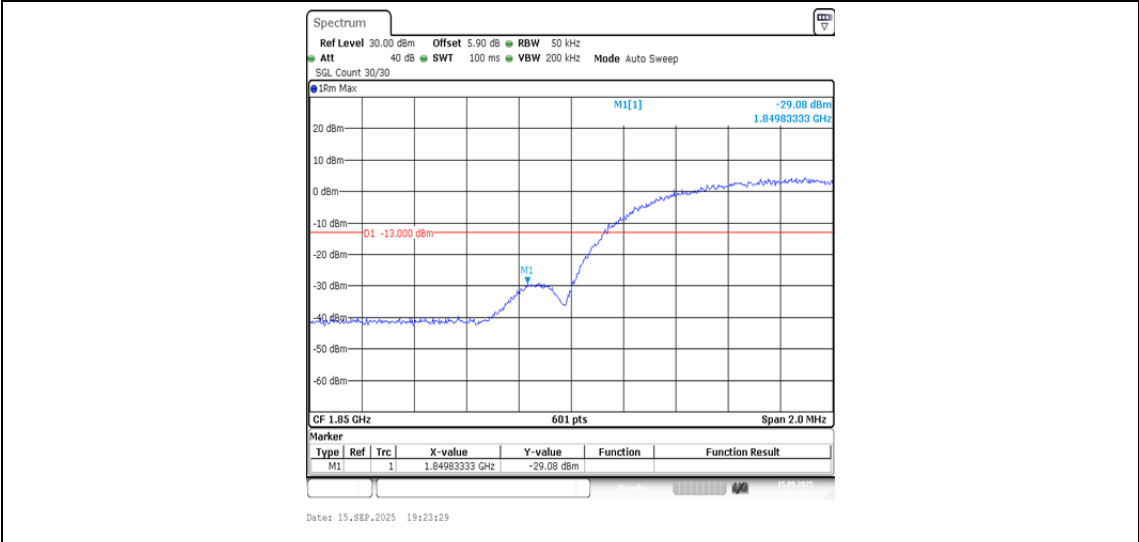
Band2-9262-2-PASS



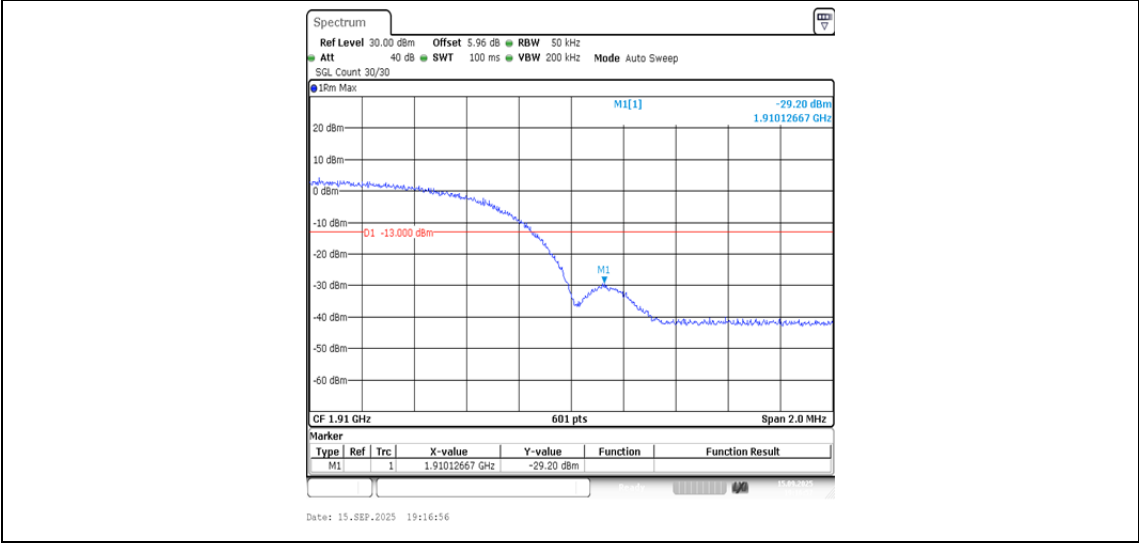
Band2-9262-3-PASS



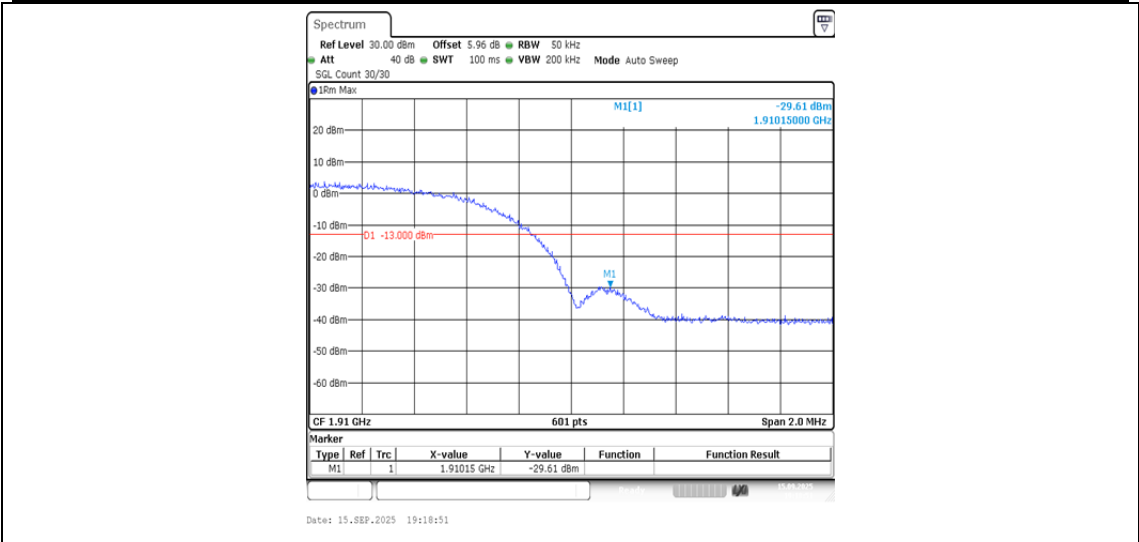
Band2-9262-4-PASS



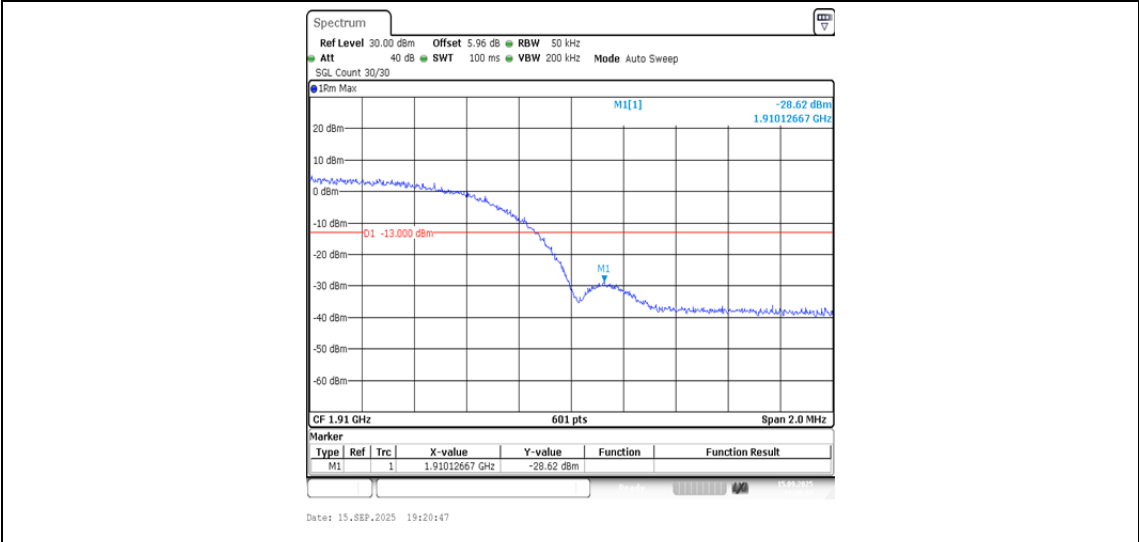
Band2-9262-5-PASS



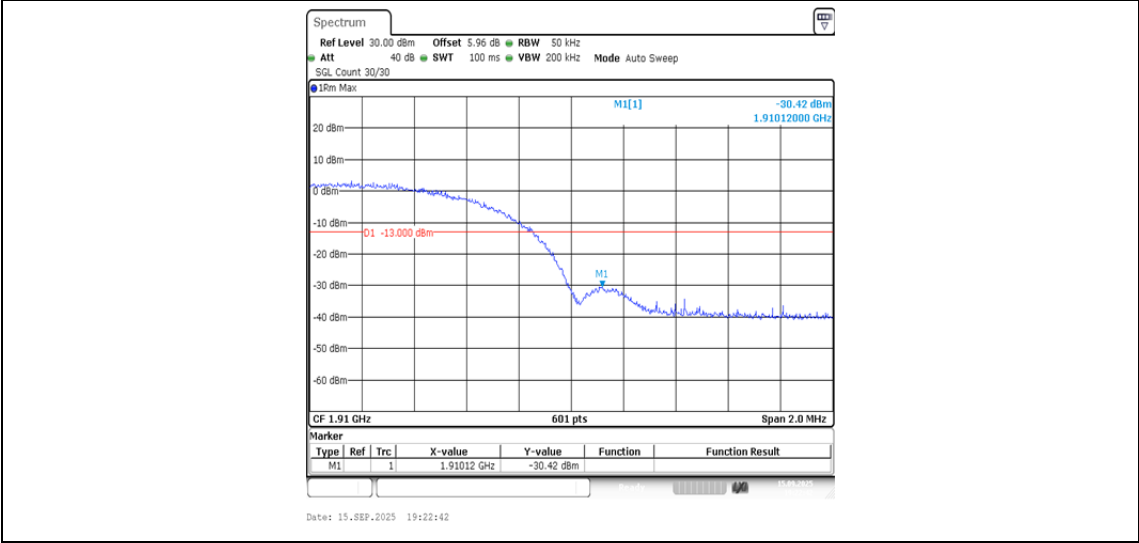
Band2-9538-1-PASS



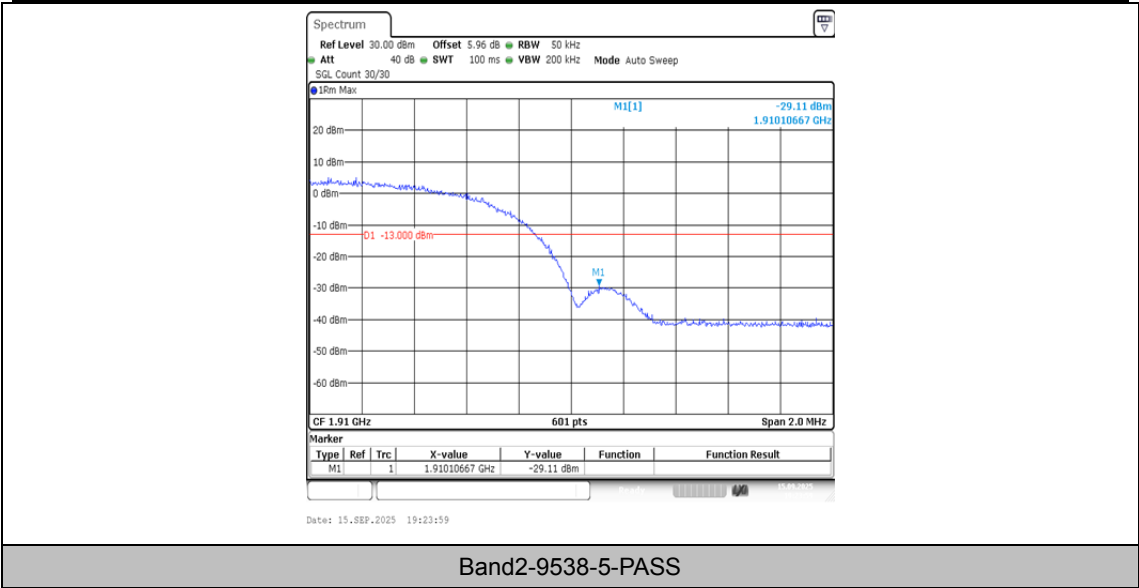
Band2-9538-2-PASS



Band2-9538-3-PASS



Band2-9538-4-PASS



Band2-9538-5-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	-69.67	-43	PASS
Band2	9262	0.15~30MHz	22.65	-65.4	-33	PASS
Band2	9262	30~1000MHz	999.56	-49.87	-13	PASS
Band2	9262	1000~30000MHz	6785.5	-40.64	-13	PASS
Band2	9262	3000~20000MHz	6849.3	-37.82	-13	PASS
Band2	9400	0.009~0.15MHz	0.01	-70.78	-43	PASS
Band2	9400	0.15~30MHz	27.43	-64.47	-33	PASS
Band2	9400	30~1000MHz	998.01	-49.79	-13	PASS
Band2	9400	1000~30000MHz	6559.3	-40.67	-13	PASS
Band2	9400	3000~20000MHz	6519.5	-37.61	-13	PASS
Band2	9538	0.009~0.15MHz	0.02	-67.66	-43	PASS
Band2	9538	0.15~30MHz	26.26	-65.04	-33	PASS
Band2	9538	30~1000MHz	938.85	-49.66	-13	PASS
Band2	9538	1000~30000MHz	6907.3	-40.64	-13	PASS
Band2	9538	3000~20000MHz	6519.5	-37.69	-13	PASS

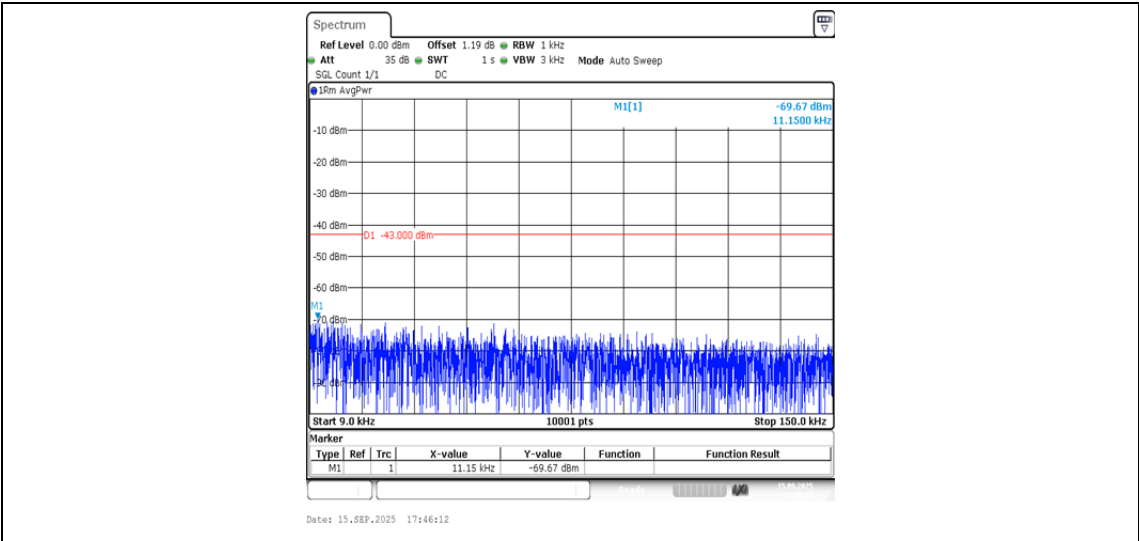
Band	Channel	SubTest	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band2	9262	1	0.009~0.15MHz	0.02	-69.08	-43	PASS
Band2	9262	1	0.15~30MHz	27.21	-65.5	-33	PASS
Band2	9262	1	30~1000MHz	993.65	-49.65	-13	PASS
Band2	9262	1	1000~30000MHz	6855.1	-40.6	-13	PASS
Band2	9262	1	3000~20000MHz	6786.4	-37.7	-13	PASS
Band2	9262	2	0.009~0.15MHz	0.01	-69.84	-43	PASS
Band2	9262	2	0.15~30MHz	25.18	-64.58	-33	PASS
Band2	9262	2	30~1000MHz	998.89	-49.82	-13	PASS
Band2	9262	2	1000~30000MHz	6860.9	-40.68	-13	PASS
Band2	9262	2	3000~20000MHz	6556.9	-37.99	-13	PASS
Band2	9262	3	0.009~0.15MHz	0.01	-70.58	-43	PASS
Band2	9262	3	0.15~30MHz	27.62	-65.46	-33	PASS
Band2	9262	3	30~1000MHz	991.8	-49.72	-13	PASS
Band2	9262	3	1000~30000MHz	6846.4	-40.66	-13	PASS
Band2	9262	3	3000~20000MHz	6886.7	-37.77	-13	PASS
Band2	9262	4	0.009~0.15MHz	0.01	-67.98	-43	PASS
Band2	9262	4	0.15~30MHz	23.36	-65.61	-33	PASS
Band2	9262	4	30~1000MHz	997.92	-49.85	-13	PASS
Band2	9262	4	1000~30000MHz	6840.6	-40.65	-13	PASS

Band2	9262	4	3000~20000MHz	6495.7	-37.5	-13	PASS
Band2	9400	1	0.009~0.15MHz	0.01	-68.65	-43	PASS
Band2	9400	1	0.15~30MHz	27.33	-65.64	-33	PASS
Band2	9400	1	30~1000MHz	972.7	-49.77	-13	PASS
Band2	9400	1	1000~30000MHz	6858	-40.59	-13	PASS
Band2	9400	1	3000~20000MHz	6803.4	-37.58	-13	PASS
Band2	9400	2	0.009~0.15MHz	0.01	-70.9	-43	PASS
Band2	9400	2	0.15~30MHz	25.32	-65.16	-33	PASS
Band2	9400	2	30~1000MHz	988.6	-49.66	-13	PASS
Band2	9400	2	1000~30000MHz	6582.5	-40.6	-13	PASS
Band2	9400	2	3000~20000MHz	6980.2	-37.76	-13	PASS
Band2	9400	3	0.009~0.15MHz	0.01	-68.01	-43	PASS
Band2	9400	3	0.15~30MHz	26.51	-66.02	-33	PASS
Band2	9400	3	30~1000MHz	941.76	-49.69	-13	PASS
Band2	9400	3	1000~30000MHz	6481	-40.51	-13	PASS
Band2	9400	3	3000~20000MHz	6832.3	-37.7	-13	PASS
Band2	9400	4	0.009~0.15MHz	0.02	-69.02	-43	PASS
Band2	9400	4	0.15~30MHz	28.86	-65.7	-33	PASS
Band2	9400	4	30~1000MHz	980.84	-49.61	-13	PASS
Band2	9400	4	1000~30000MHz	6202.6	-40.65	-13	PASS
Band2	9400	4	3000~20000MHz	6874.8	-37.85	-13	PASS
Band2	9538	1	0.009~0.15MHz	0.01	-69.6	-43	PASS
Band2	9538	1	0.15~30MHz	28.34	-66.17	-33	PASS
Band2	9538	1	30~1000MHz	998.21	-49.62	-13	PASS
Band2	9538	1	1000~30000MHz	6887	-40.65	-13	PASS
Band2	9538	1	3000~20000MHz	6890.1	-37.59	-13	PASS
Band2	9538	2	0.009~0.15MHz	0.01	-69.32	-43	PASS
Band2	9538	2	0.15~30MHz	25.02	-64.31	-33	PASS
Band2	9538	2	30~1000MHz	971.53	-49.61	-13	PASS
Band2	9538	2	1000~30000MHz	6562.2	-40.63	-13	PASS
Band2	9538	2	3000~20000MHz	6856.1	-37.35	-13	PASS
Band2	9538	3	0.009~0.15MHz	0.01	-67.08	-43	PASS
Band2	9538	3	0.15~30MHz	0.23	-65.18	-33	PASS
Band2	9538	3	30~1000MHz	986.18	-49.86	-13	PASS
Band2	9538	3	1000~30000MHz	6539	-40.72	-13	PASS
Band2	9538	3	3000~20000MHz	6509.3	-37.89	-13	PASS
Band2	9538	4	0.009~0.15MHz	0.01	-70.29	-43	PASS
Band2	9538	4	0.15~30MHz	21.4	-64.56	-33	PASS
Band2	9538	4	30~1000MHz	948.26	-49.77	-13	PASS
Band2	9538	4	1000~30000MHz	6840.6	-40.49	-13	PASS
Band2	9538	4	3000~20000MHz	6572.2	-37.49	-13	PASS

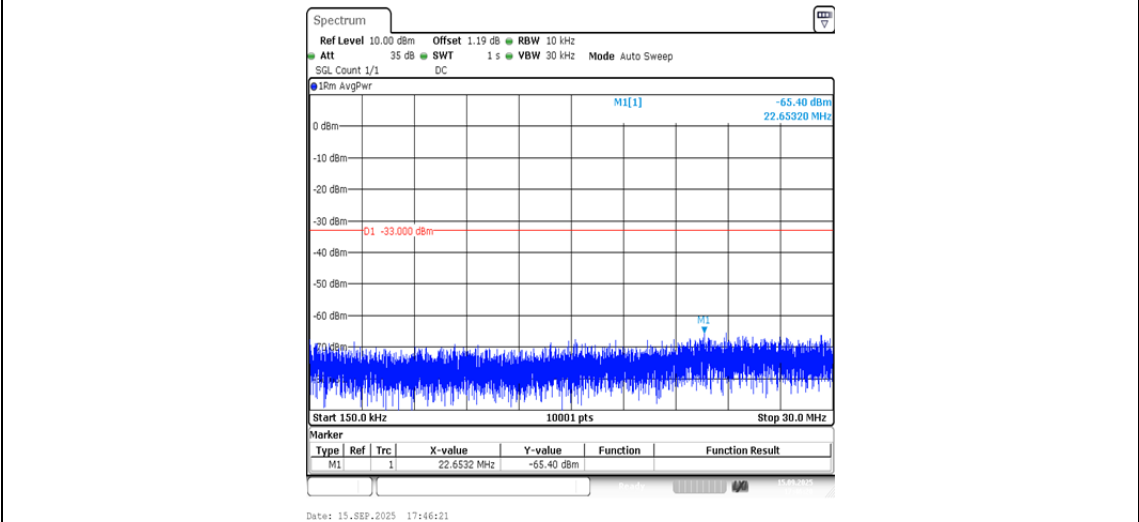
Band	Channel	SubTest	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band2	9262	1	0.009~0.15MHz	0.01	-70.18	-43	PASS
Band2	9262	1	0.15~30MHz	27.28	-64.51	-33	PASS
Band2	9262	1	30~1000MHz	905.58	-49.58	-13	PASS
Band2	9262	1	1000~30000MHz	6539	-40.55	-13	PASS
Band2	9262	1	3000~20000MHz	6811.9	-37.81	-13	PASS
Band2	9262	2	0.009~0.15MHz	0.01	-70.02	-43	PASS
Band2	9262	2	0.15~30MHz	23.94	-65.25	-33	PASS
Band2	9262	2	30~1000MHz	965.42	-49.8	-13	PASS
Band2	9262	2	1000~30000MHz	6797.1	-40.48	-13	PASS
Band2	9262	2	3000~20000MHz	6852.7	-37.59	-13	PASS
Band2	9262	3	0.009~0.15MHz	0.02	-69.71	-43	PASS
Band2	9262	3	0.15~30MHz	22.92	-65.03	-33	PASS
Band2	9262	3	30~1000MHz	906.07	-49.62	-13	PASS
Band2	9262	3	1000~30000MHz	6901.5	-40.54	-13	PASS
Band2	9262	3	3000~20000MHz	6857.8	-37.82	-13	PASS
Band2	9262	4	0.009~0.15MHz	0.01	-70.23	-43	PASS
Band2	9262	4	0.15~30MHz	29.36	-65.75	-33	PASS
Band2	9262	4	30~1000MHz	981.43	-49.79	-13	PASS
Band2	9262	4	1000~30000MHz	6524.5	-40.45	-13	PASS
Band2	9262	4	3000~20000MHz	6521.2	-37.76	-13	PASS
Band2	9262	5	0.009~0.15MHz	0.01	-69.62	-43	PASS
Band2	9262	5	0.15~30MHz	28.88	-66.12	-33	PASS
Band2	9262	5	30~1000MHz	957.37	-49.84	-13	PASS
Band2	9262	5	1000~30000MHz	6843.5	-40.38	-13	PASS
Band2	9262	5	3000~20000MHz	6852.7	-37.79	-13	PASS
Band2	9400	1	0.009~0.15MHz	0.01	-70.04	-43	PASS
Band2	9400	1	0.15~30MHz	24.73	-65	-33	PASS
Band2	9400	1	30~1000MHz	941.56	-49.77	-13	PASS
Band2	9400	1	1000~30000MHz	6945	-40.58	-13	PASS
Band2	9400	1	3000~20000MHz	6844.2	-37.67	-13	PASS
Band2	9400	2	0.009~0.15MHz	0.02	-69.85	-43	PASS
Band2	9400	2	0.15~30MHz	29.58	-65.13	-33	PASS
Band2	9400	2	30~1000MHz	999.56	-49.81	-13	PASS
Band2	9400	2	1000~30000MHz	6556.4	-40.69	-13	PASS
Band2	9400	2	3000~20000MHz	6556.9	-37.95	-13	PASS
Band2	9400	3	0.009~0.15MHz	0.01	-68.49	-43	PASS
Band2	9400	3	0.15~30MHz	21.9	-64.82	-33	PASS
Band2	9400	3	30~1000MHz	991.61	-49.54	-13	PASS
Band2	9400	3	1000~30000MHz	6826.1	-40.56	-13	PASS

Band2	9400	3	3000~20000MHz	6959.8	-37.71	-13	PASS
Band2	9400	4	0.009~0.15MHz	0.01	-68.37	-43	PASS
Band2	9400	4	0.15~30MHz	28.29	-65.09	-33	PASS
Band2	9400	4	30~1000MHz	954.95	-49.59	-13	PASS
Band2	9400	4	1000~30000MHz	6515.8	-40.73	-13	PASS
Band2	9400	4	3000~20000MHz	6210.1	-37.72	-13	PASS
Band2	9400	5	0.009~0.15MHz	0.01	-69.16	-43	PASS
Band2	9400	5	0.15~30MHz	24.34	-64.63	-33	PASS
Band2	9400	5	30~1000MHz	977.45	-49.36	-13	PASS
Band2	9400	5	1000~30000MHz	6527.4	-40.56	-13	PASS
Band2	9400	5	3000~20000MHz	6844.2	-37.88	-13	PASS
Band2	9538	1	0.009~0.15MHz	0.07	-71.19	-43	PASS
Band2	9538	1	0.15~30MHz	27.76	-65.1	-33	PASS
Band2	9538	1	30~1000MHz	987.93	-49.67	-13	PASS
Band2	9538	1	1000~30000MHz	6858	-40.6	-13	PASS
Band2	9538	1	3000~20000MHz	6878.2	-37.68	-13	PASS
Band2	9538	2	0.009~0.15MHz	0.01	-70.54	-43	PASS
Band2	9538	2	0.15~30MHz	27.07	-64.38	-33	PASS
Band2	9538	2	30~1000MHz	959.6	-49.84	-13	PASS
Band2	9538	2	1000~30000MHz	6536.1	-40.59	-13	PASS
Band2	9538	2	3000~20000MHz	6898.6	-37.61	-13	PASS
Band2	9538	3	0.009~0.15MHz	0.01	-66.6	-43	PASS
Band2	9538	3	0.15~30MHz	26.19	-65.32	-33	PASS
Band2	9538	3	30~1000MHz	999.08	-49.58	-13	PASS
Band2	9538	3	1000~30000MHz	6837.7	-40.45	-13	PASS
Band2	9538	3	3000~20000MHz	6903.7	-37.8	-13	PASS
Band2	9538	4	0.009~0.15MHz	0.01	-70.31	-43	PASS
Band2	9538	4	0.15~30MHz	26.02	-65.24	-33	PASS
Band2	9538	4	30~1000MHz	999.27	-49.78	-13	PASS
Band2	9538	4	1000~30000MHz	6489.7	-40.62	-13	PASS
Band2	9538	4	3000~20000MHz	6565.4	-37.58	-13	PASS
Band2	9538	5	0.009~0.15MHz	0.01	-67.96	-43	PASS
Band2	9538	5	0.15~30MHz	27.75	-65.37	-33	PASS
Band2	9538	5	30~1000MHz	925.37	-49.66	-13	PASS
Band2	9538	5	1000~30000MHz	6869.6	-40.62	-13	PASS
Band2	9538	5	3000~20000MHz	6810.2	-37.68	-13	PASS

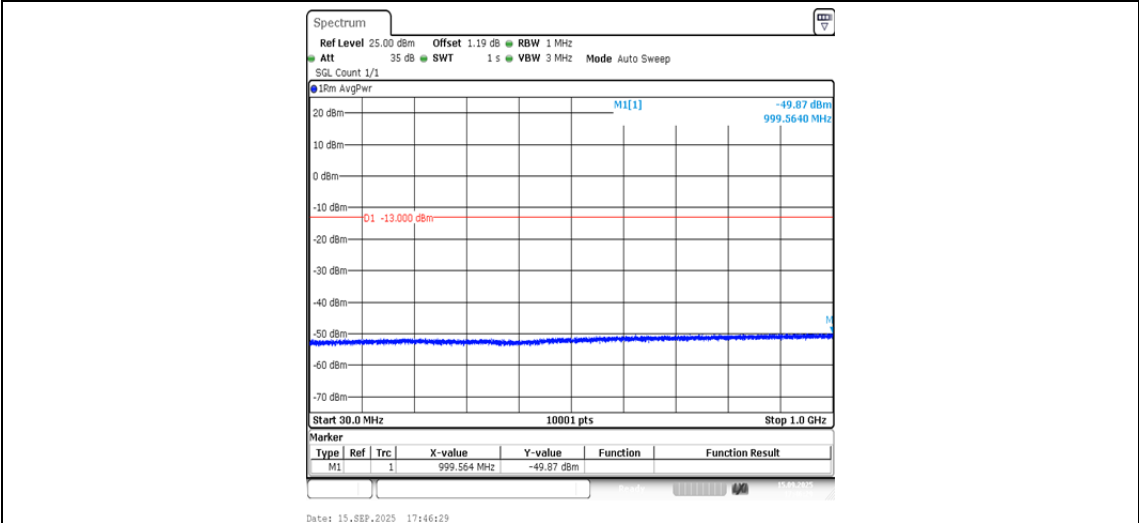
Test Graphs



Band2-9262-0.009~0.15MHz-PASS



Band2-9262-0.15~30MHz-PASS



Band2-9262-30~1000MHz-PASS