

Appendix for WCDMA Band 2

Product Name: Smart Phone
Model No: Black S

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	22.40	22.32
HSDPA Subtest-1	19.51	20.06	20.32
HSDPA Subtest-2	18.98	19.57	19.84
HSDPA Subtest-3	18.65	19.33	19.58
HSDPA Subtest-4	18.27	19.02	19.19
HSUPA Subtest-1	19.69	20.19	20.48
HSUPA Subtest-2	19.23	19.76	19.97
HSUPA Subtest-3	18.99	19.56	19.73
HSUPA Subtest-4	18.69	19.33	19.57
HSUPA Subtest-5	18.39	18.97	19.23

AppendixB:Peak-to-Average Ratio

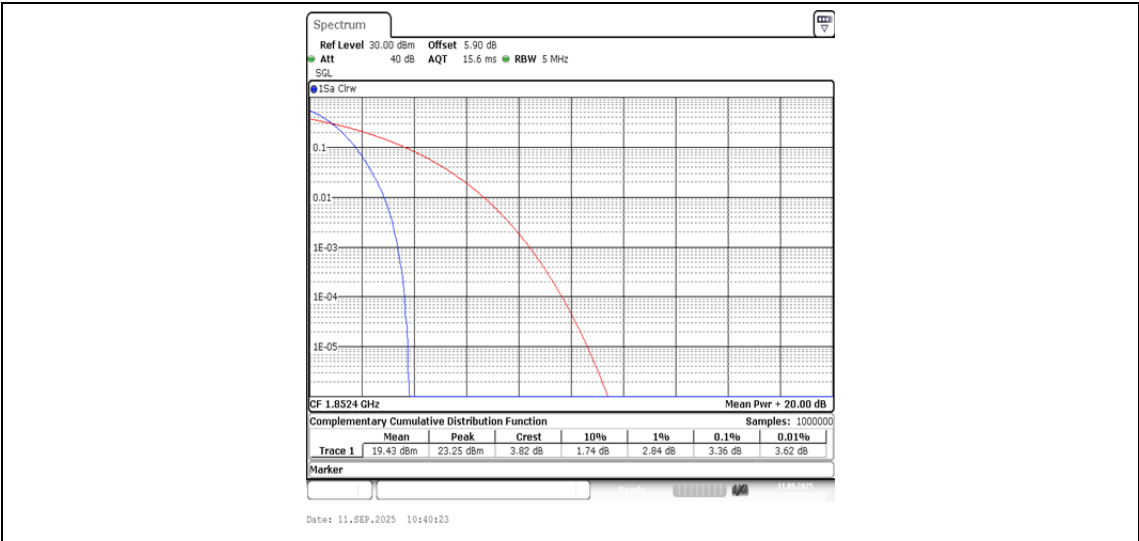
Test Result

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9262	3.36	13	PASS
Band2	9400	3.33	13	PASS
Band2	9538	3.36	13	PASS

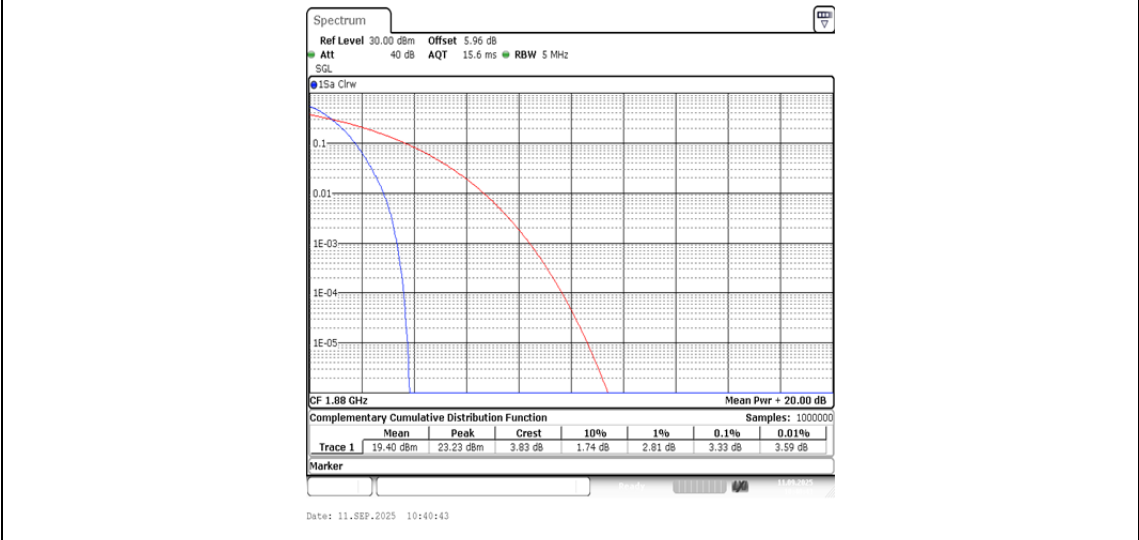
Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9262	1	3.48	13	PASS
Band2	9262	2	3.59	13	PASS
Band2	9262	3	3.74	13	PASS
Band2	9262	4	3.8	13	PASS
Band2	9400	1	3.45	13	PASS
Band2	9400	2	3.54	13	PASS
Band2	9400	3	3.71	13	PASS
Band2	9400	4	3.77	13	PASS
Band2	9538	1	3.42	13	PASS
Band2	9538	2	3.65	13	PASS
Band2	9538	3	3.83	13	PASS
Band2	9538	4	3.86	13	PASS

Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9262	1	4.72	13	PASS
Band2	9262	2	5.8	13	PASS
Band2	9262	3	5.42	13	PASS
Band2	9262	4	5.91	13	PASS
Band2	9262	5	4.58	13	PASS
Band2	9400	1	4.67	13	PASS
Band2	9400	2	5.71	13	PASS
Band2	9400	3	5.33	13	PASS
Band2	9400	4	5.86	13	PASS
Band2	9400	5	4.52	13	PASS
Band2	9538	1	4.72	13	PASS
Band2	9538	2	5.71	13	PASS
Band2	9538	3	5.39	13	PASS
Band2	9538	4	5.83	13	PASS
Band2	9538	5	4.52	13	PASS

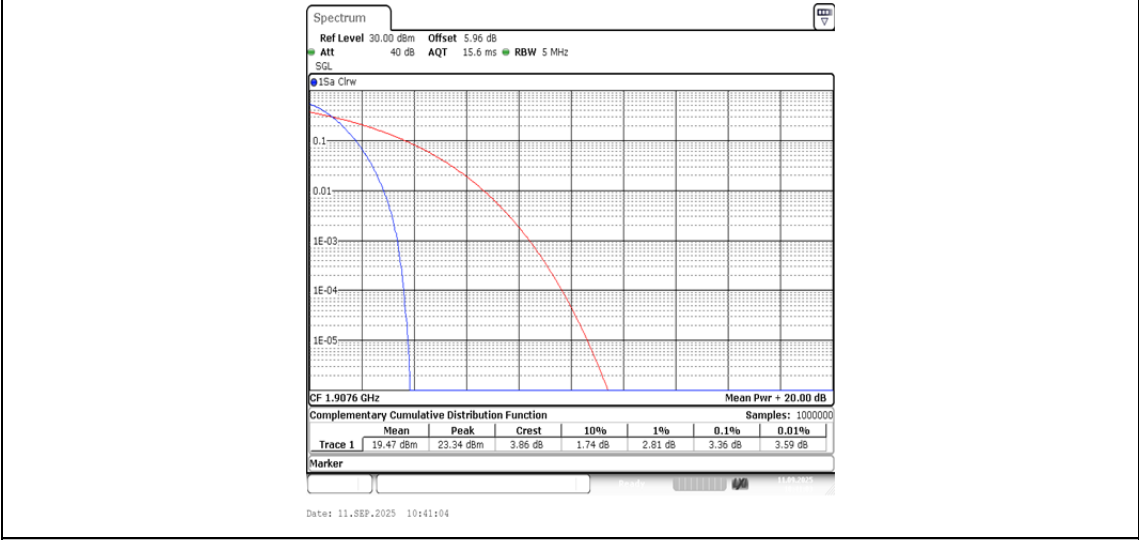
Test Graphs



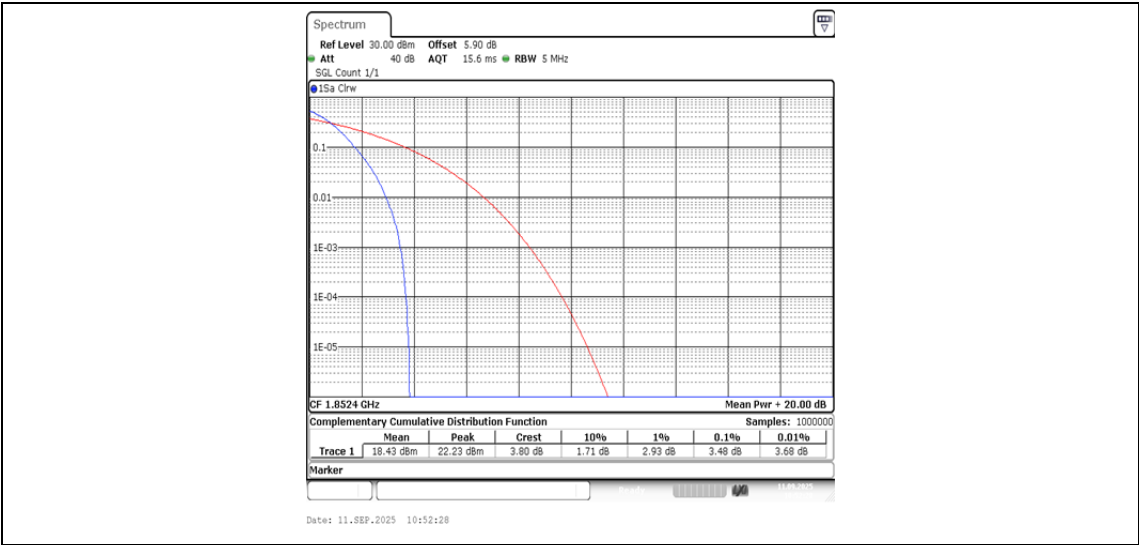
Band2-9262-PASS



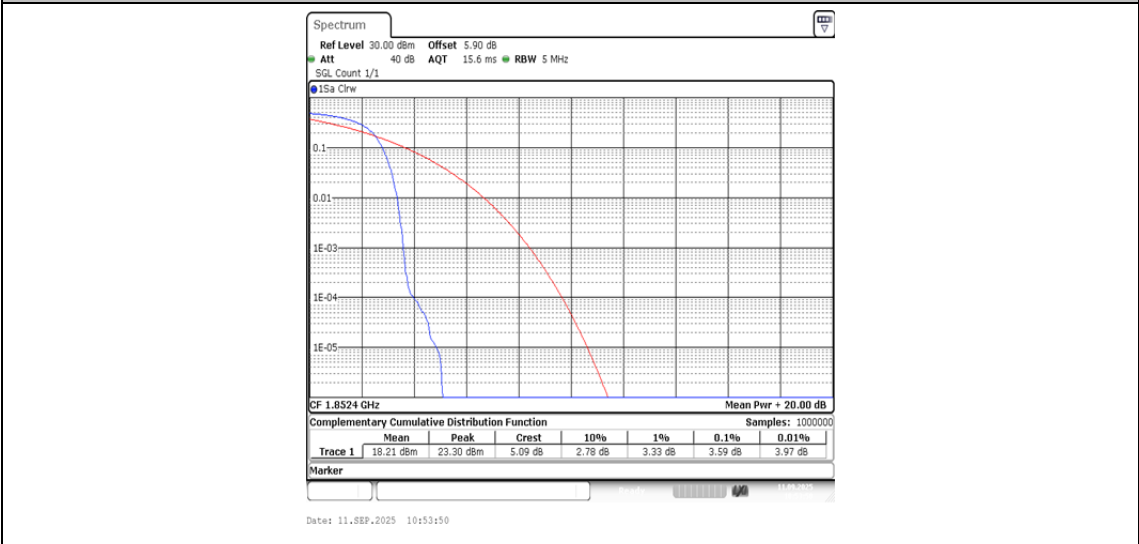
Band2-9400-PASS



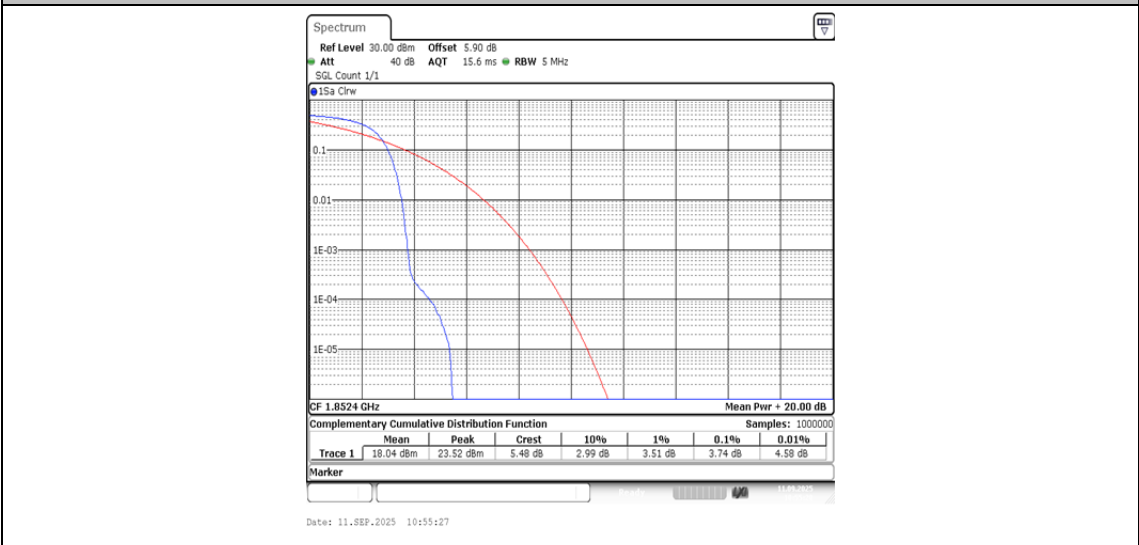
Band2-9538-PASS

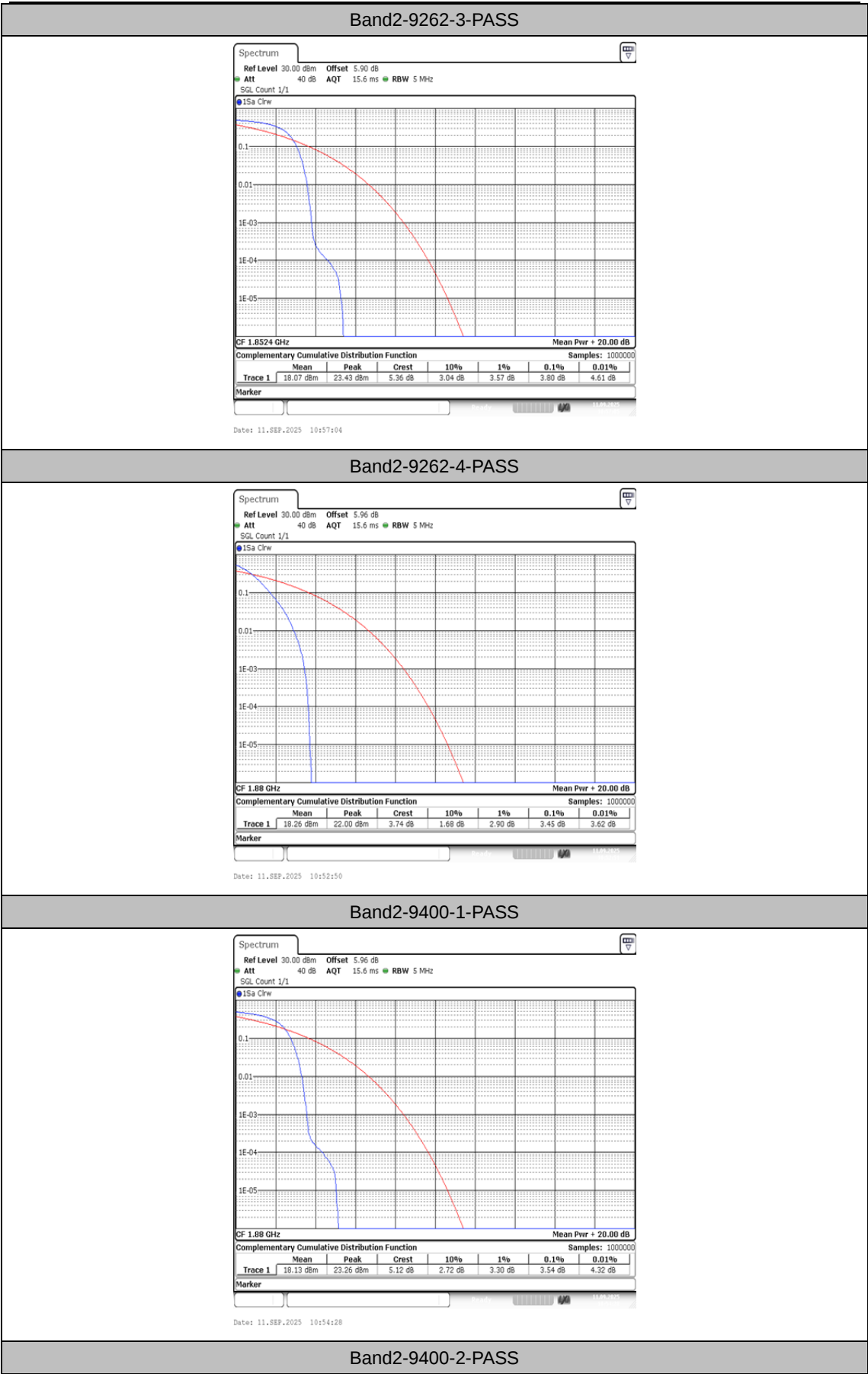


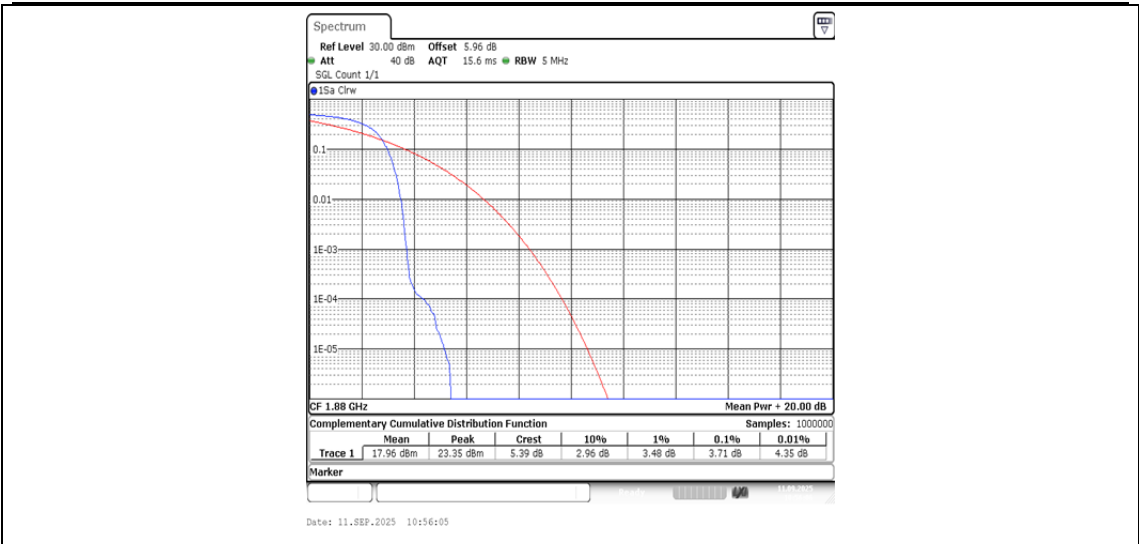
Band2-9262-1-PASS



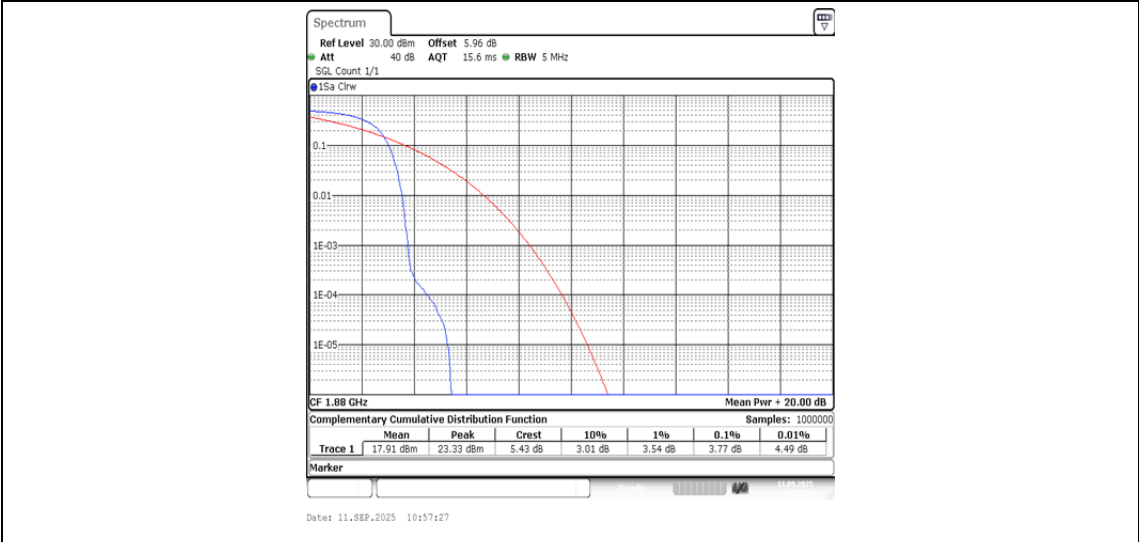
Band2-9262-2-PASS



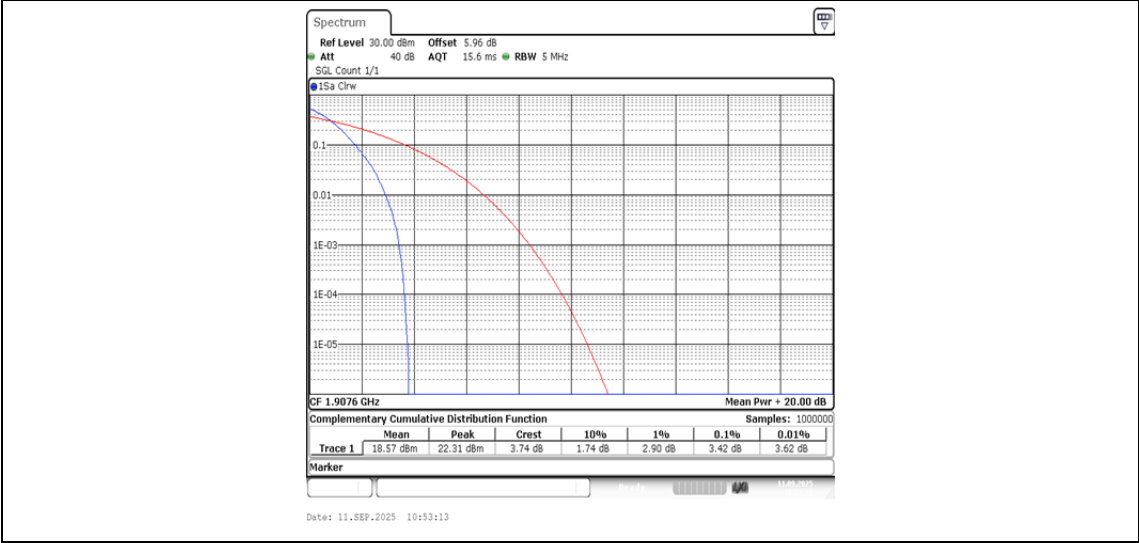




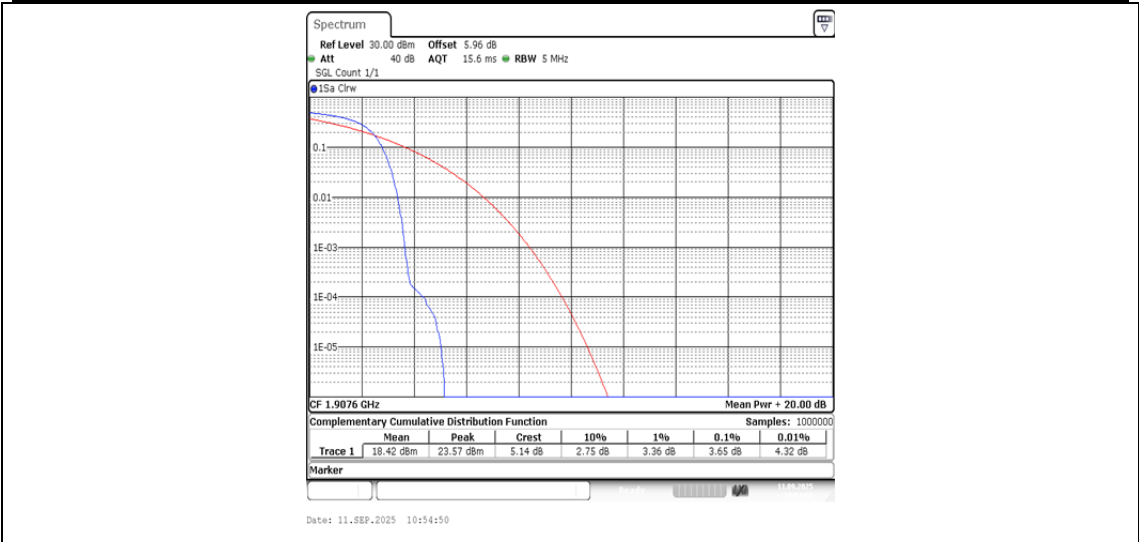
Band2-9400-3-PASS



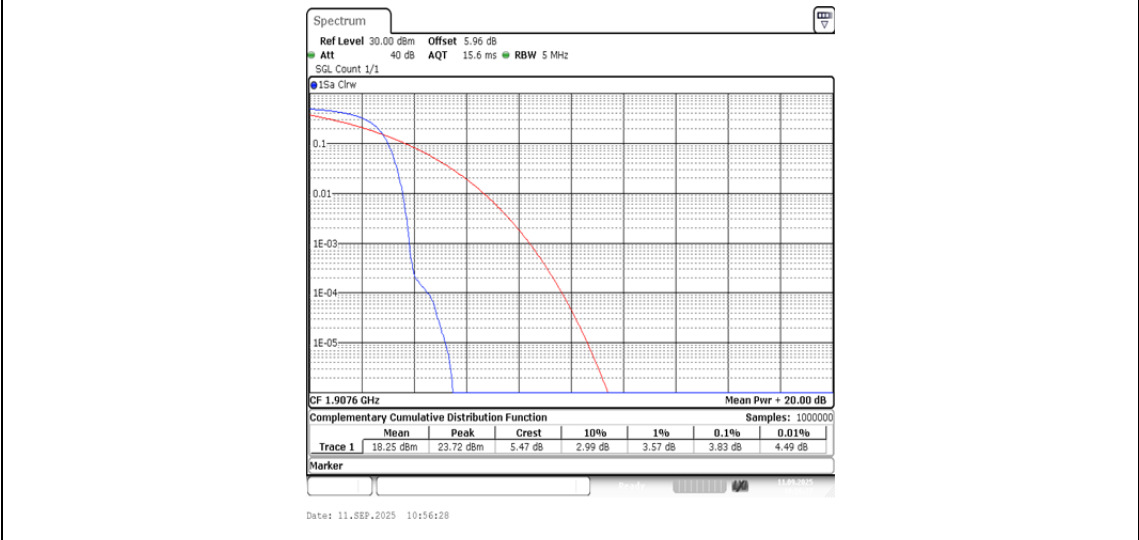
Band2-9400-4-PASS



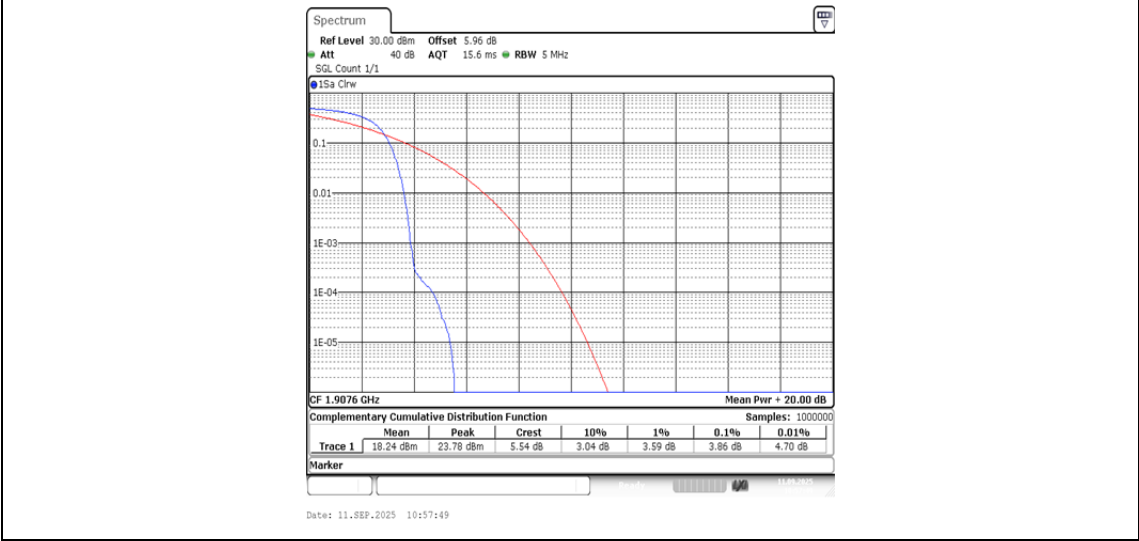
Band2-9538-1-PASS



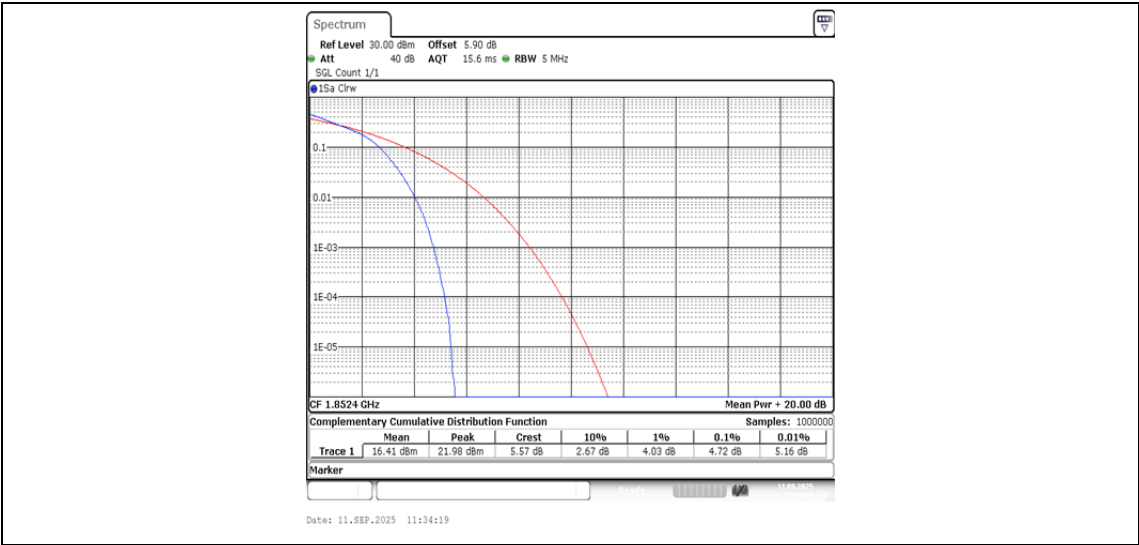
Band2-9538-2-PASS



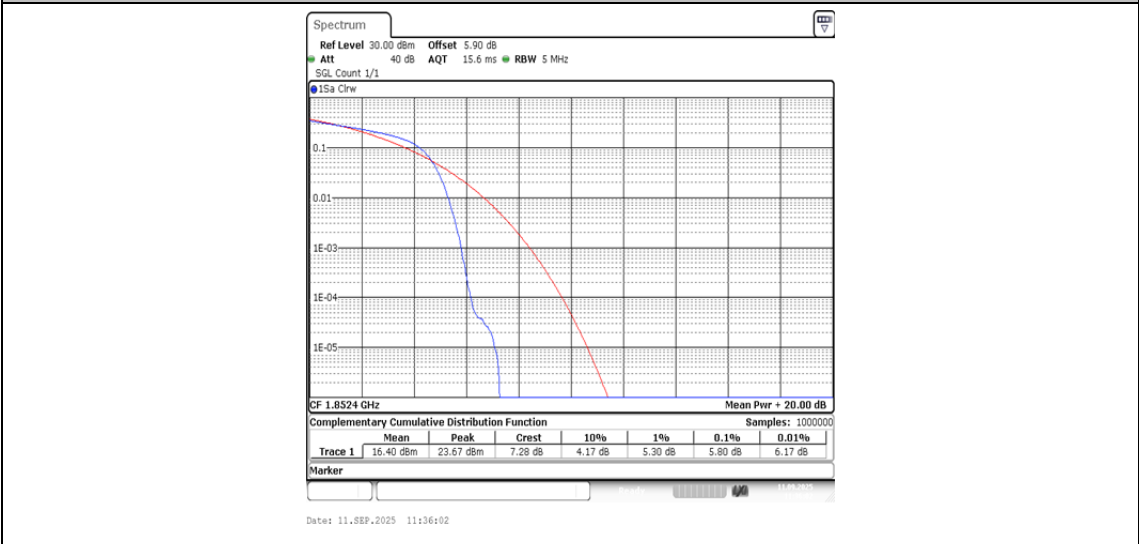
Band2-9538-3-PASS



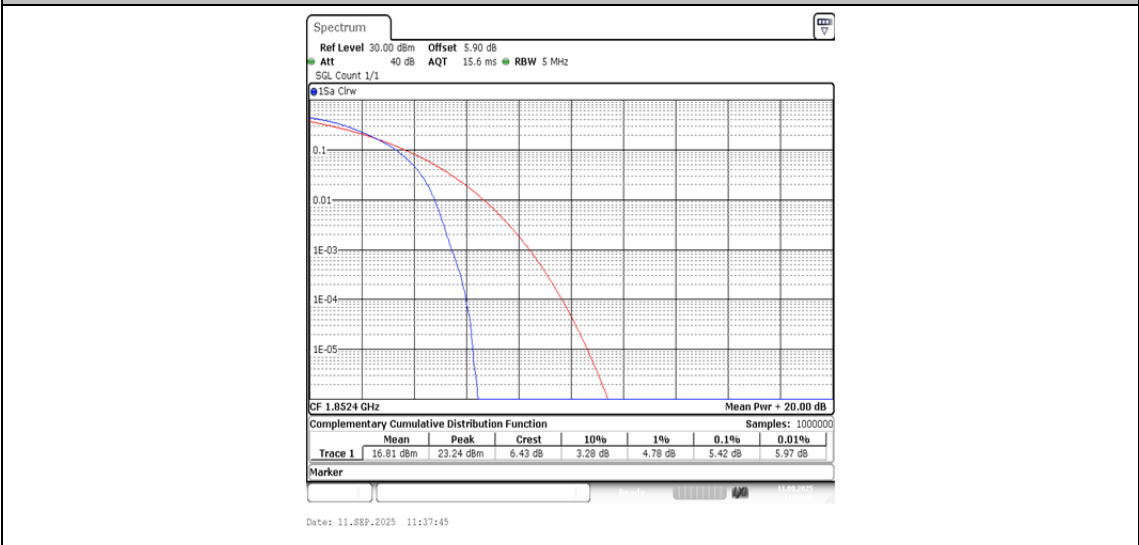
Band2-9538-4-PASS

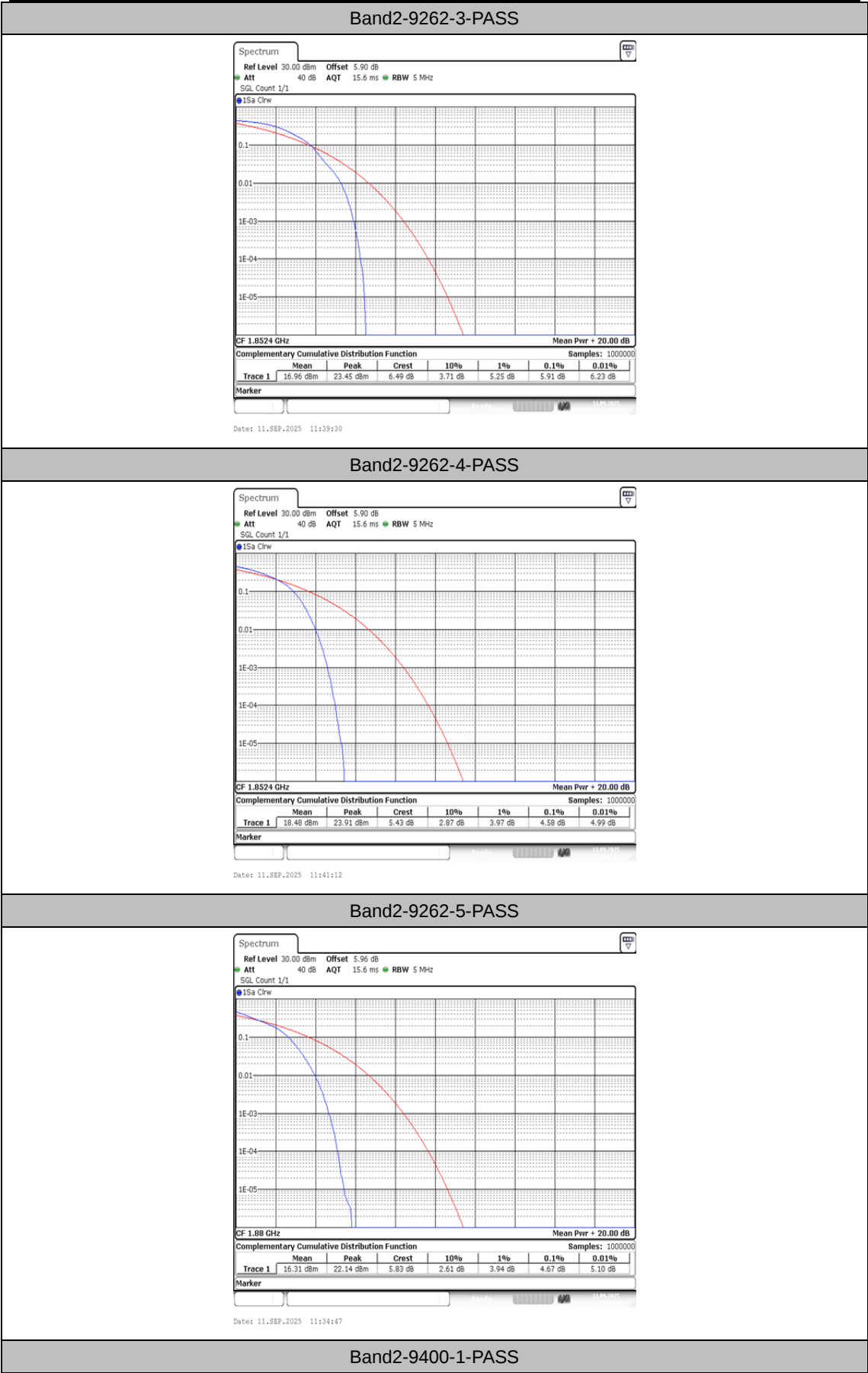


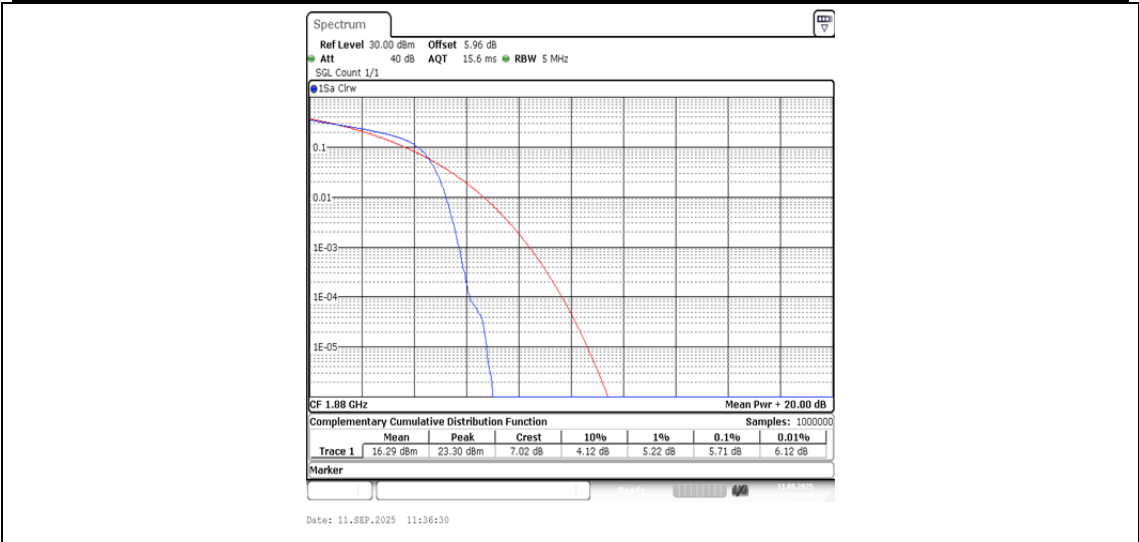
Band2-9262-1-PASS



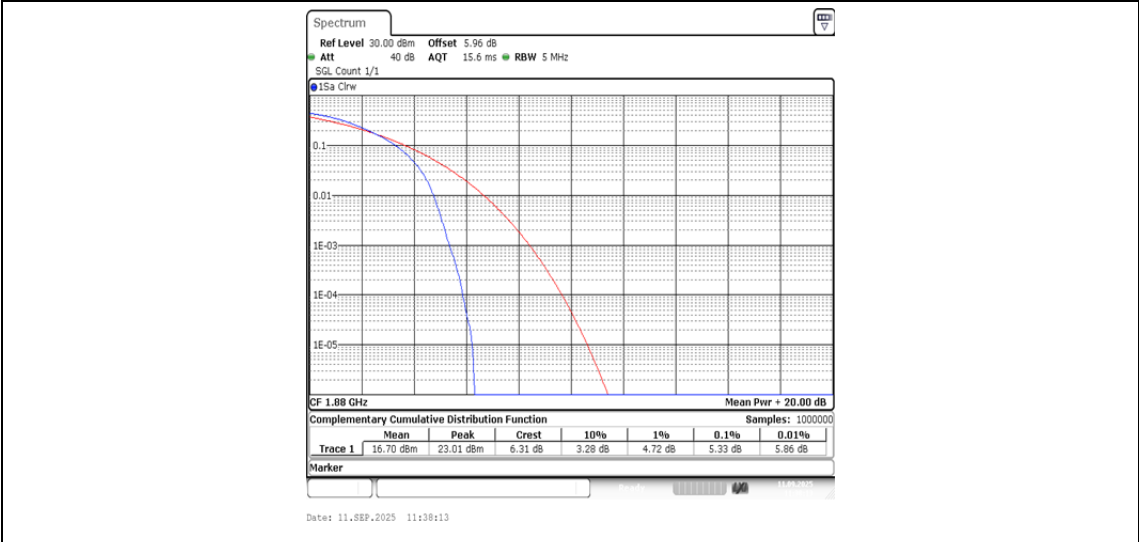
Band2-9262-2-PASS



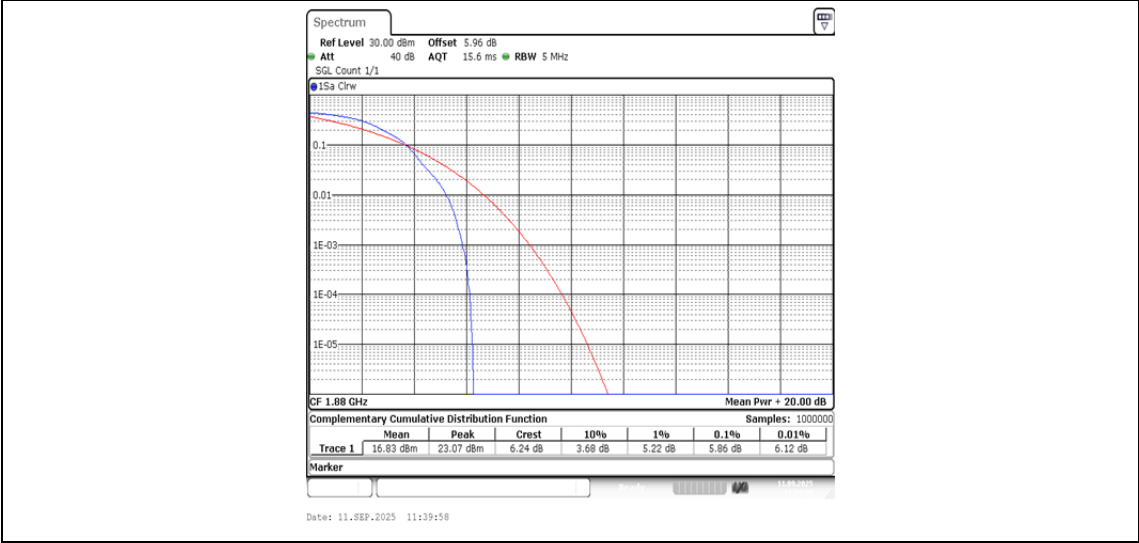




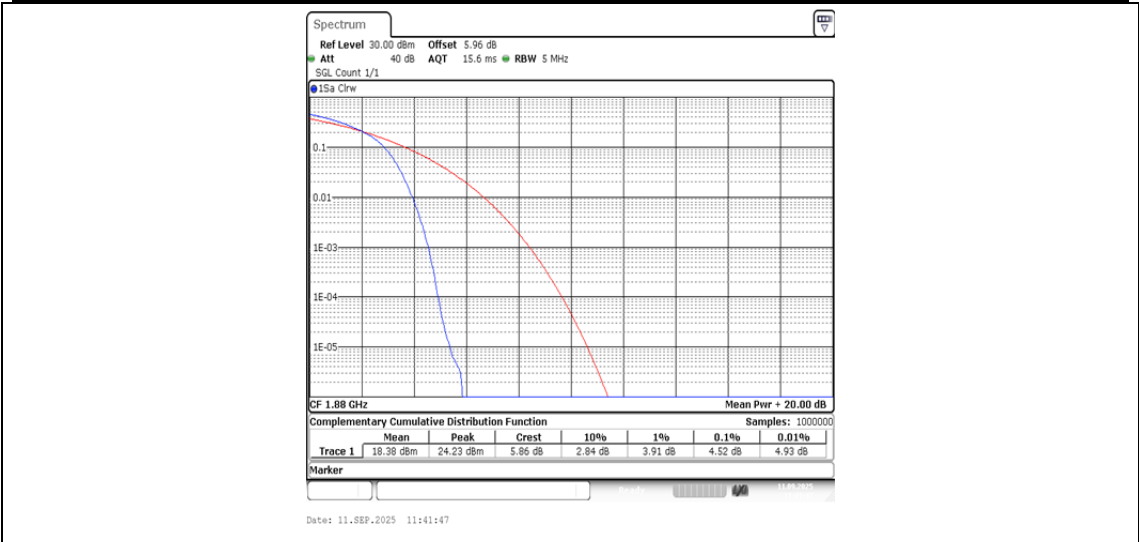
Band2-9400-2-PASS



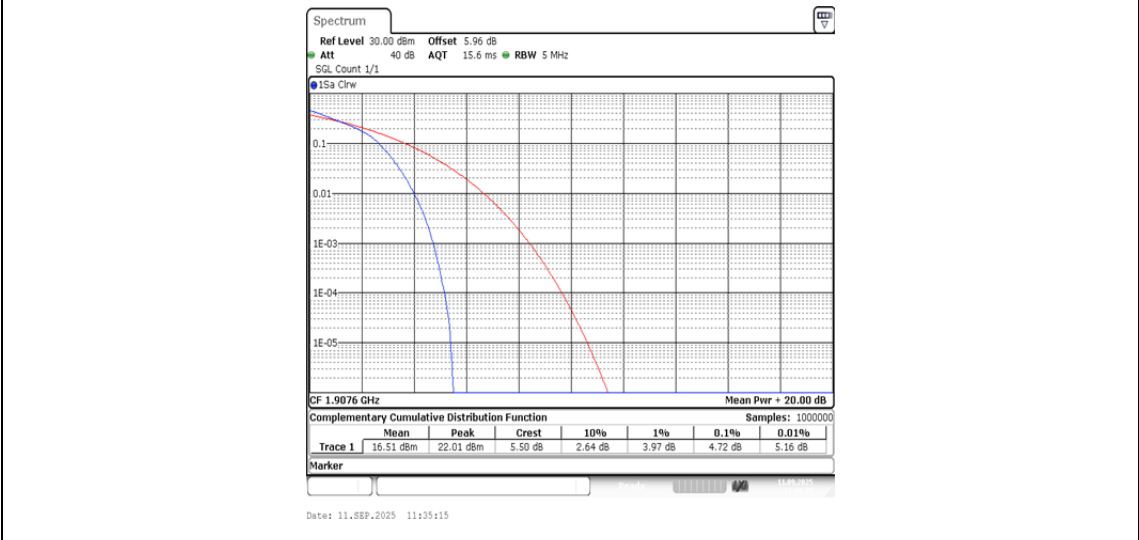
Band2-9400-3-PASS



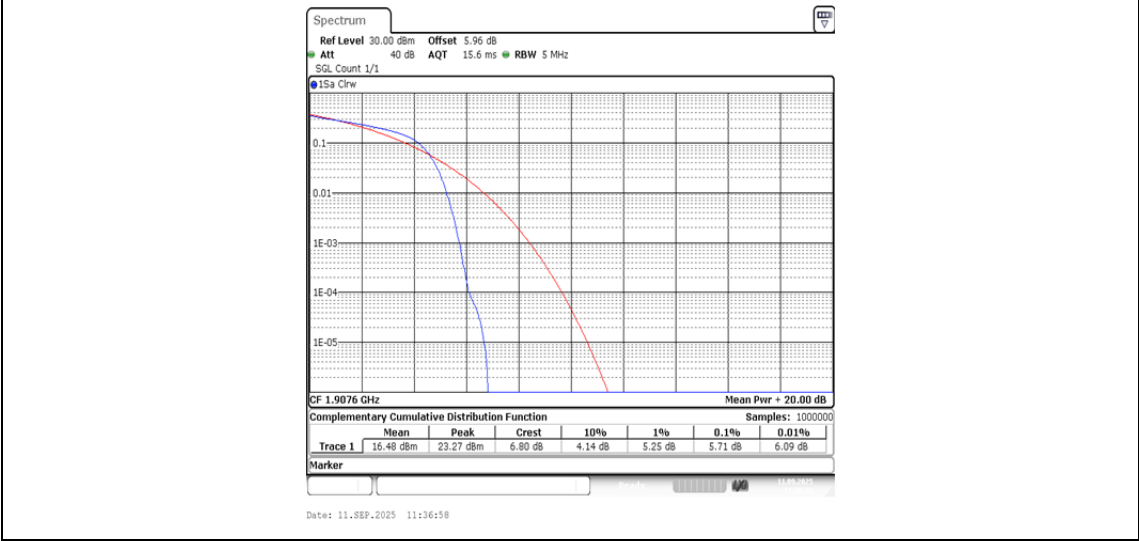
Band2-9400-4-PASS



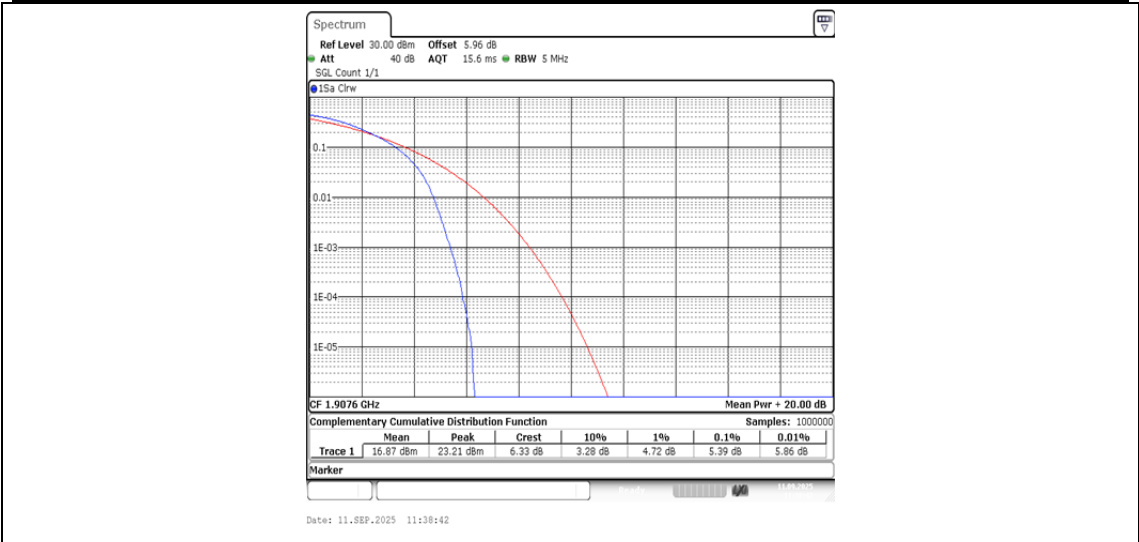
Band2-9400-5-PASS



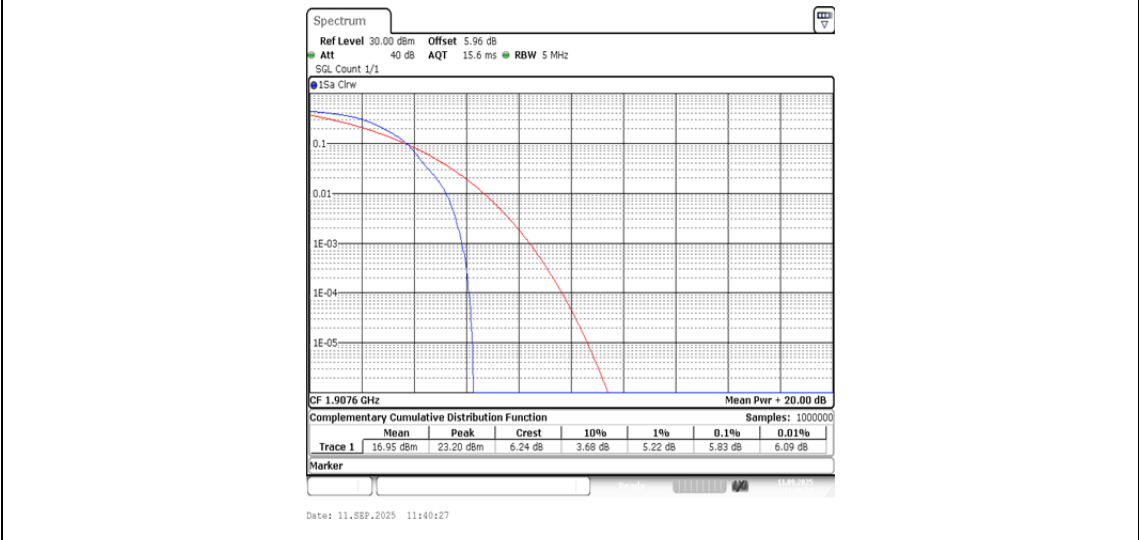
Band2-9538-1-PASS



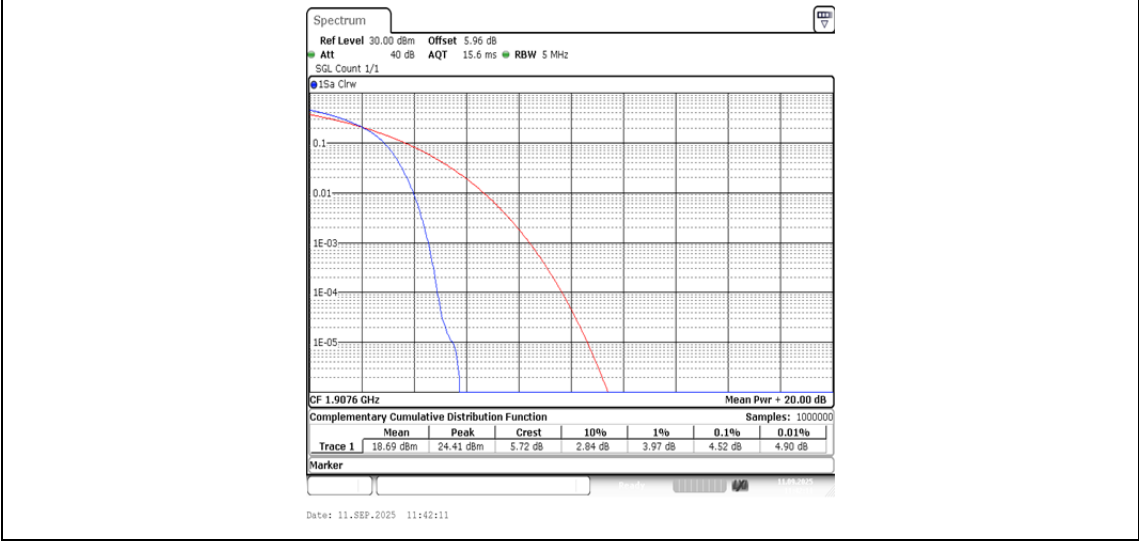
Band2-9538-2-PASS



Band2-9538-3-PASS



Band2-9538-4-PASS



Band2-9538-5-PASS

AppendixC:26dB Bandwidth andOccupied Bandwidth

Test Result

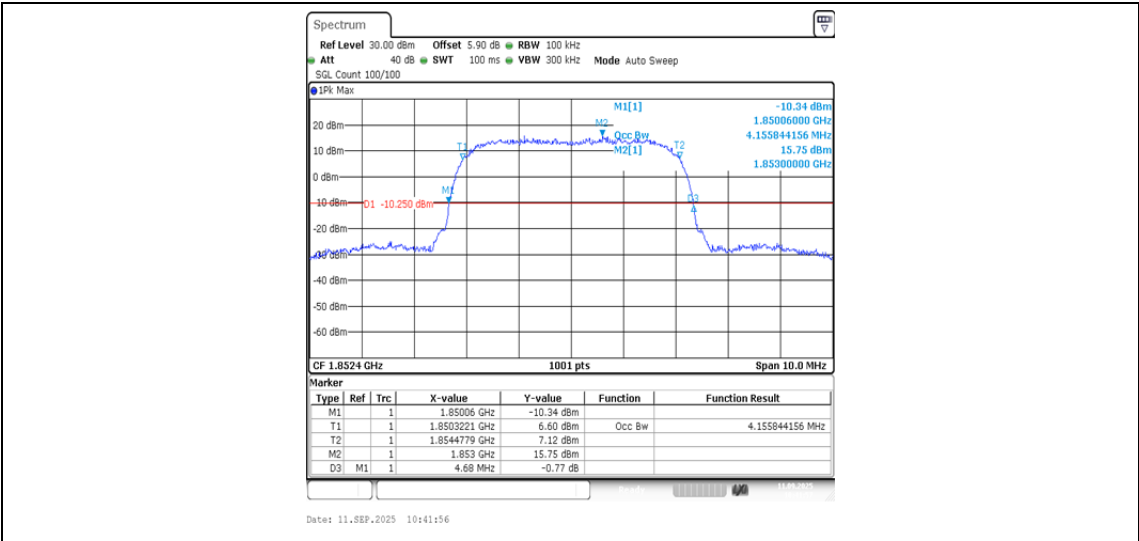
Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(MHz)	Verdict
Band2	9262	4.156	4.68	---	PASS
Band2	9400	4.146	4.67	---	PASS
Band2	9538	4.146	4.68	---	PASS

Band	Channel	SubTest	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(MHz)	Verdict
Band2	9262	1	4.156	4.68	---	PASS
Band2	9262	2	4.156	4.70	---	PASS
Band2	9262	3	4.156	4.70	---	PASS
Band2	9262	4	4.166	4.69	---	PASS
Band2	9400	1	4.146	4.69	---	PASS
Band2	9400	2	4.156	4.68	---	PASS
Band2	9400	3	4.156	4.69	---	PASS
Band2	9400	4	4.146	4.70	---	PASS
Band2	9538	1	4.146	4.68	---	PASS
Band2	9538	2	4.156	4.68	---	PASS
Band2	9538	3	4.146	4.69	---	PASS
Band2	9538	4	4.166	4.69	---	PASS

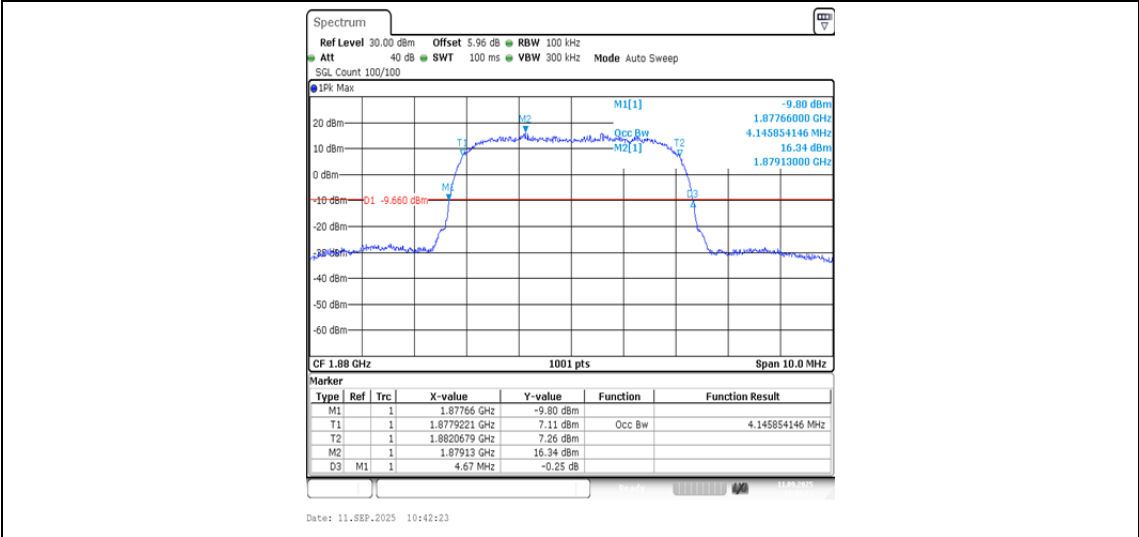
Band	Channel	SubTest	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(MHz)	Verdict
Band2	9262	1	4.166	4.68	---	PASS
Band2	9262	2	4.176	4.71	---	PASS
Band2	9262	3	4.176	4.70	---	PASS
Band2	9262	4	4.176	4.70	---	PASS
Band2	9262	5	4.146	4.69	---	PASS
Band2	9400	1	4.166	4.70	---	PASS
Band2	9400	2	4.176	4.72	---	PASS
Band2	9400	3	4.176	4.69	---	PASS
Band2	9400	4	4.166	4.71	---	PASS
Band2	9400	5	4.146	4.67	---	PASS
Band2	9538	1	4.166	4.68	---	PASS

Band2	9538	2	4.176	4.72	---	PASS
Band2	9538	3	4.166	4.69	---	PASS
Band2	9538	4	4.166	4.70	---	PASS
Band2	9538	5	4.146	4.69	---	PASS

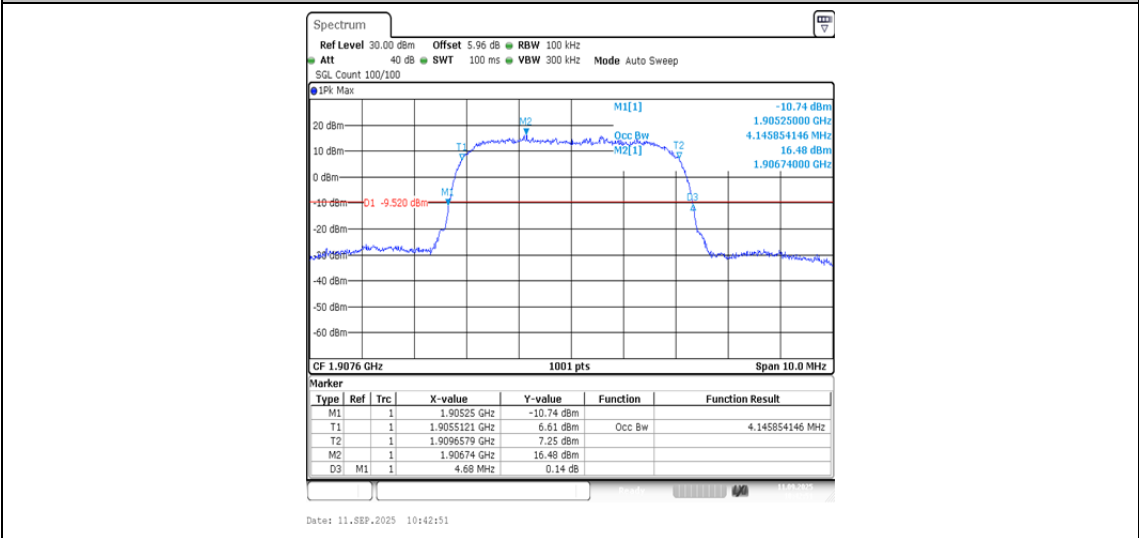
Test Graphs



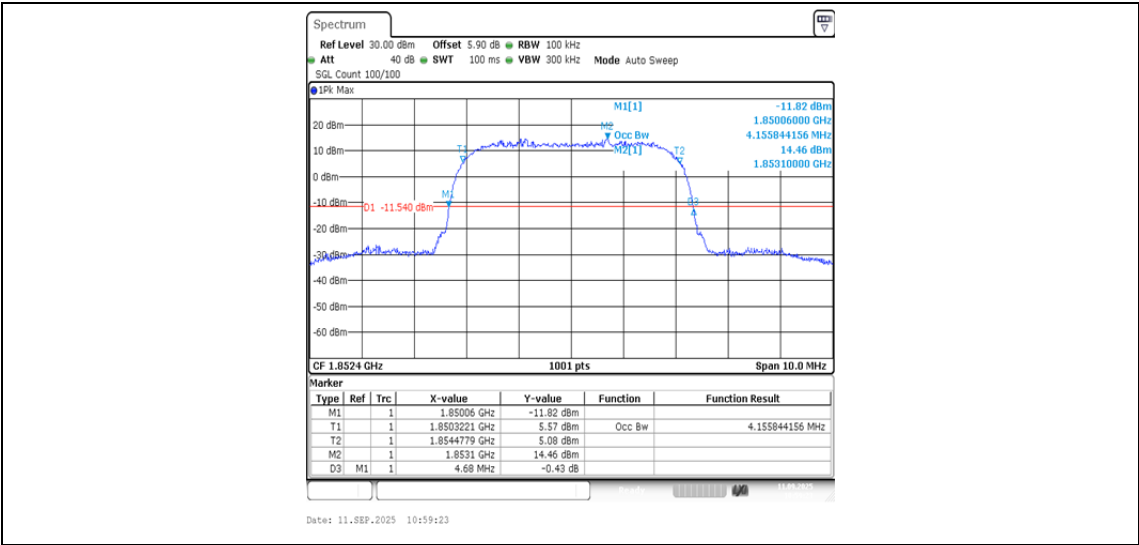
Band2-9262-PASS



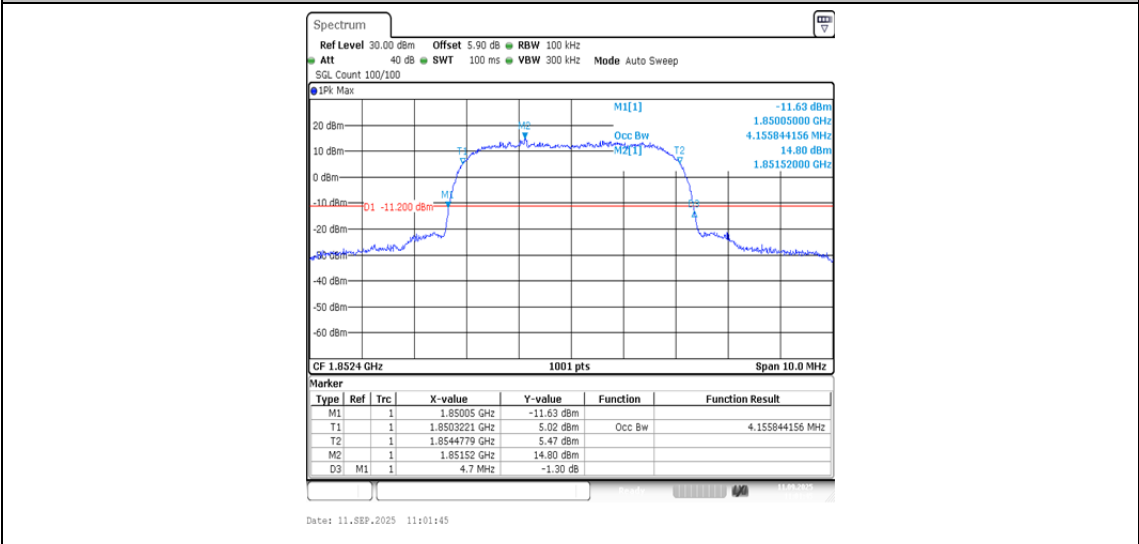
Band2-9400-PASS



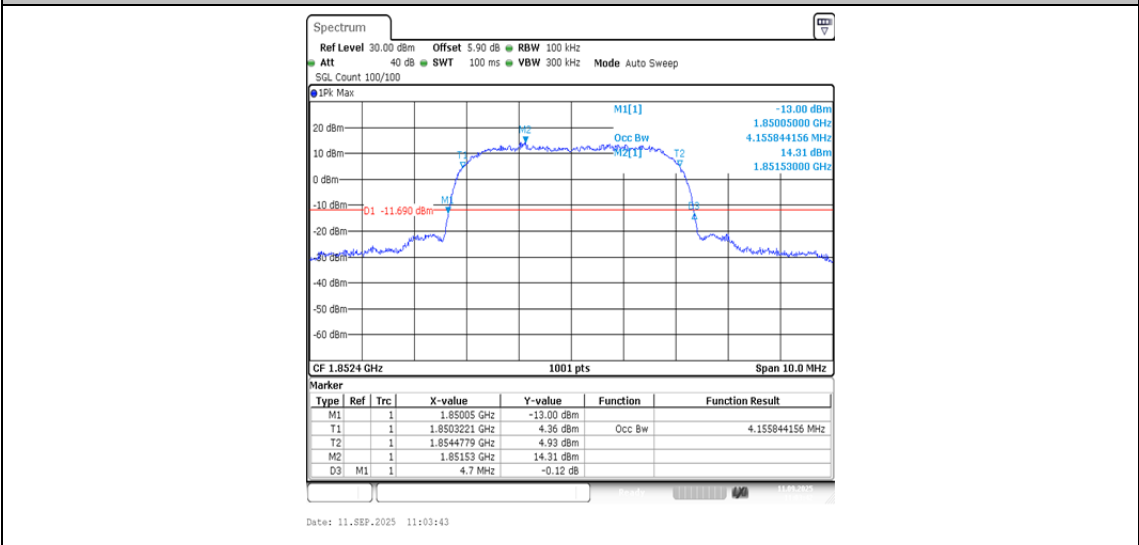
Band2-9538-PASS

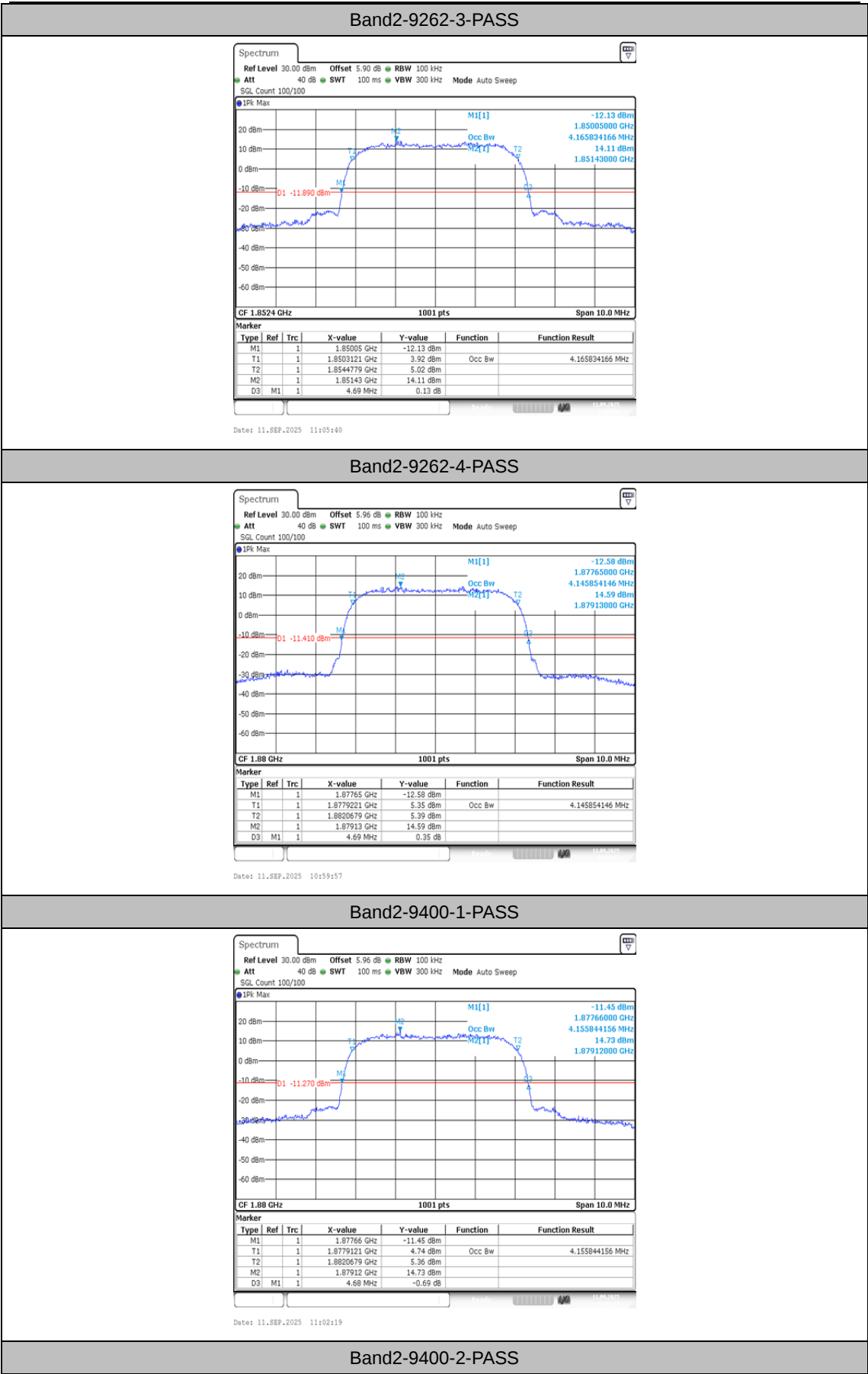


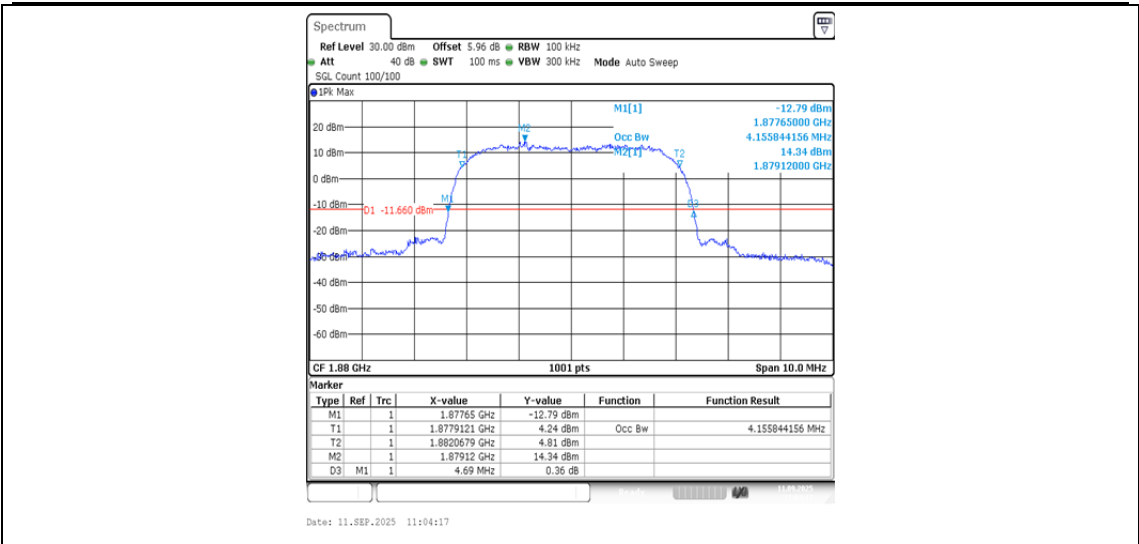
Band2-9262-1-PASS



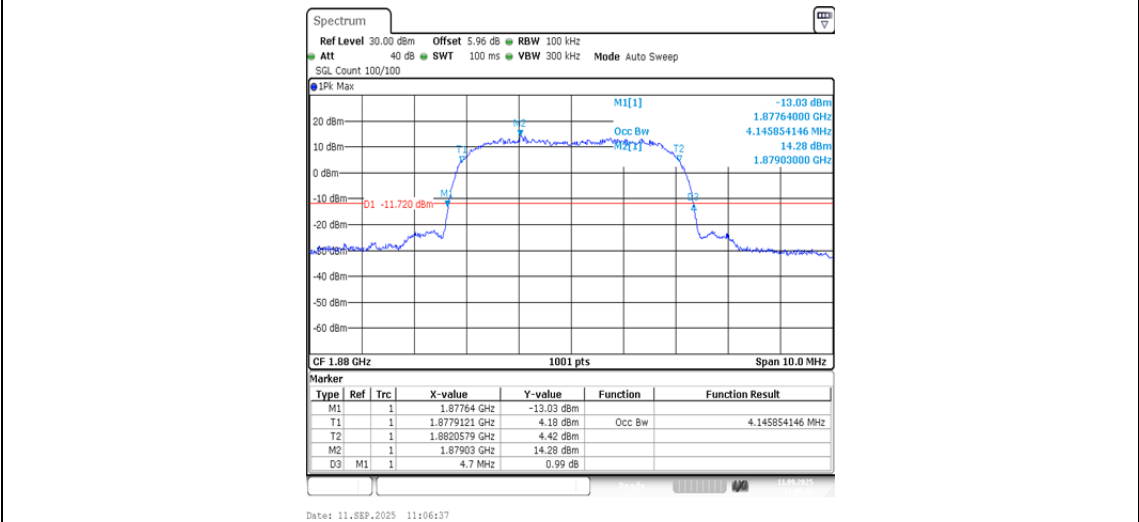
Band2-9262-2-PASS



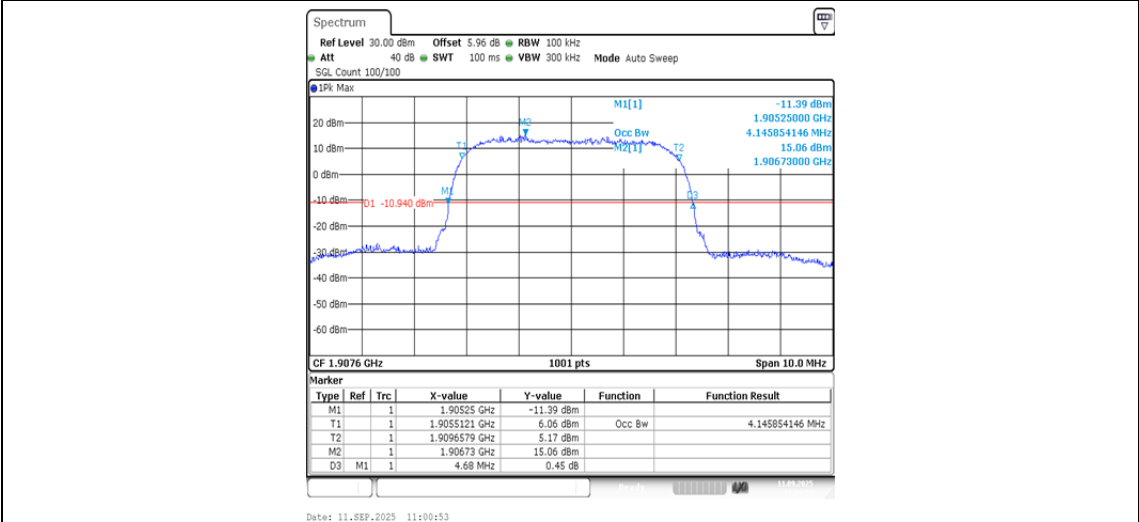




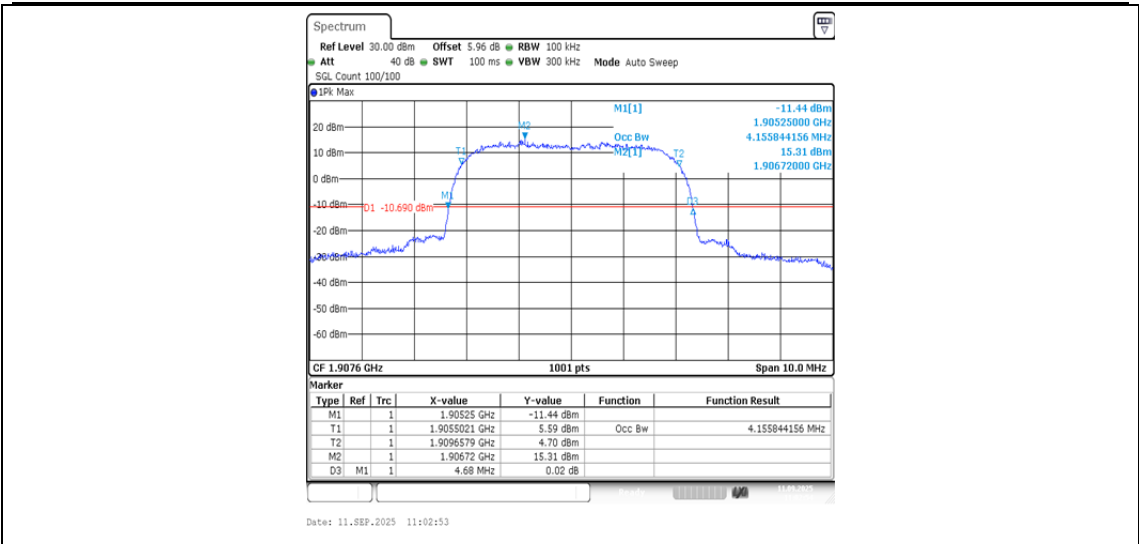
Band2-9400-3-PASS



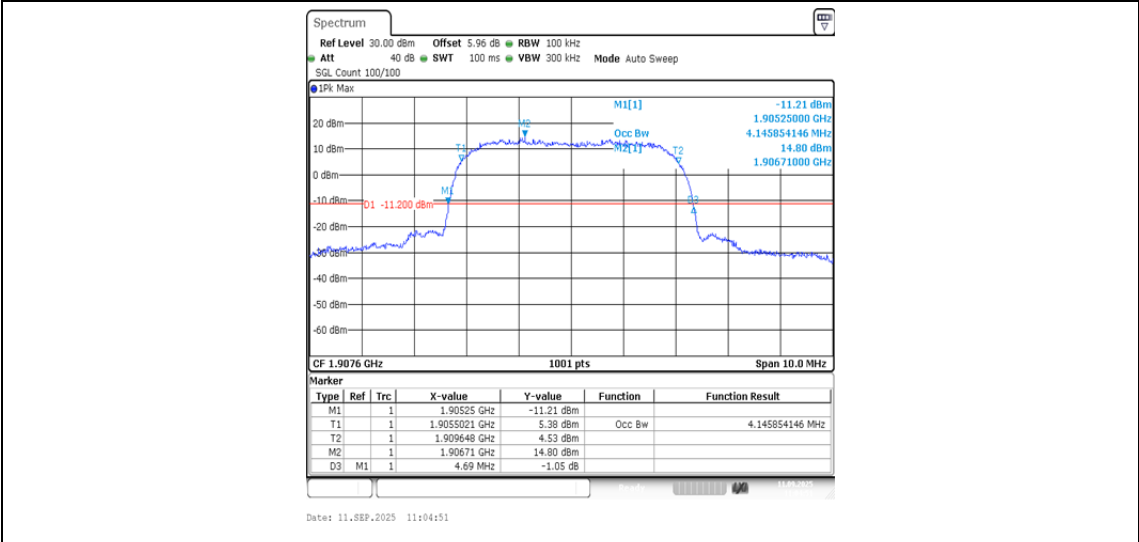
Band2-9400-4-PASS



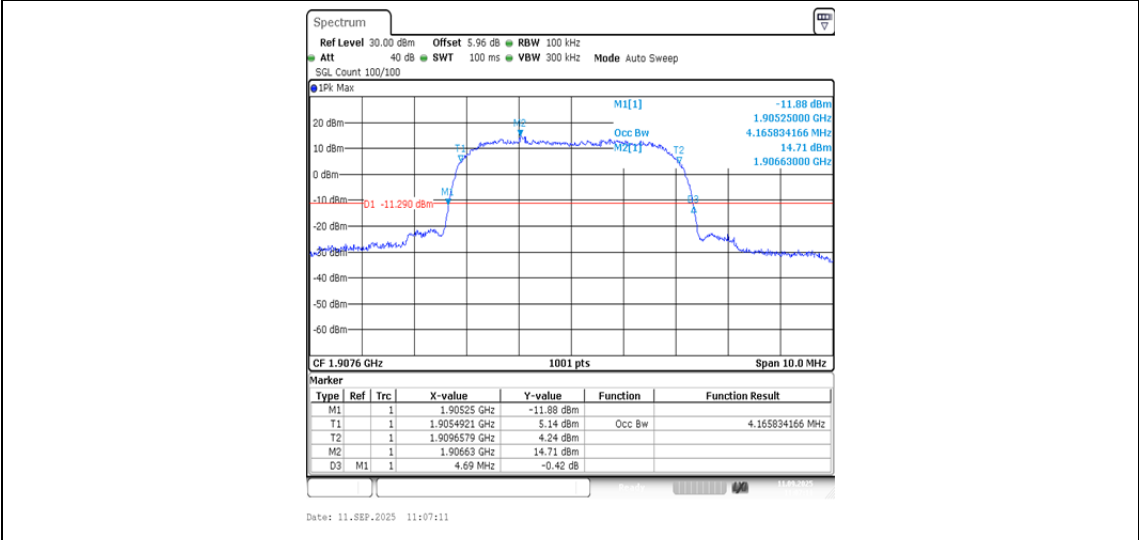
Band2-9538-1-PASS



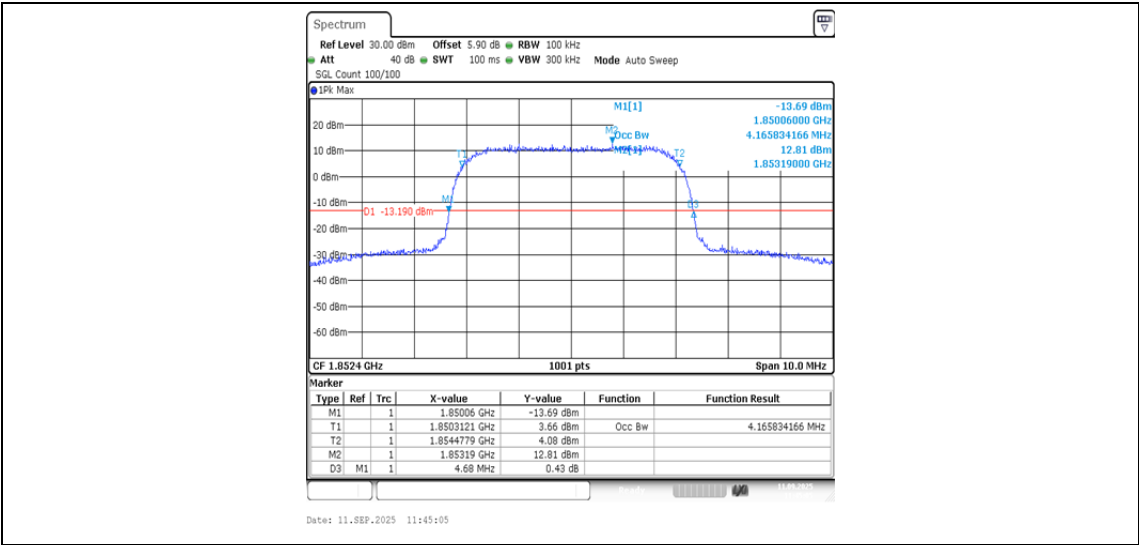
Band2-9538-2-PASS



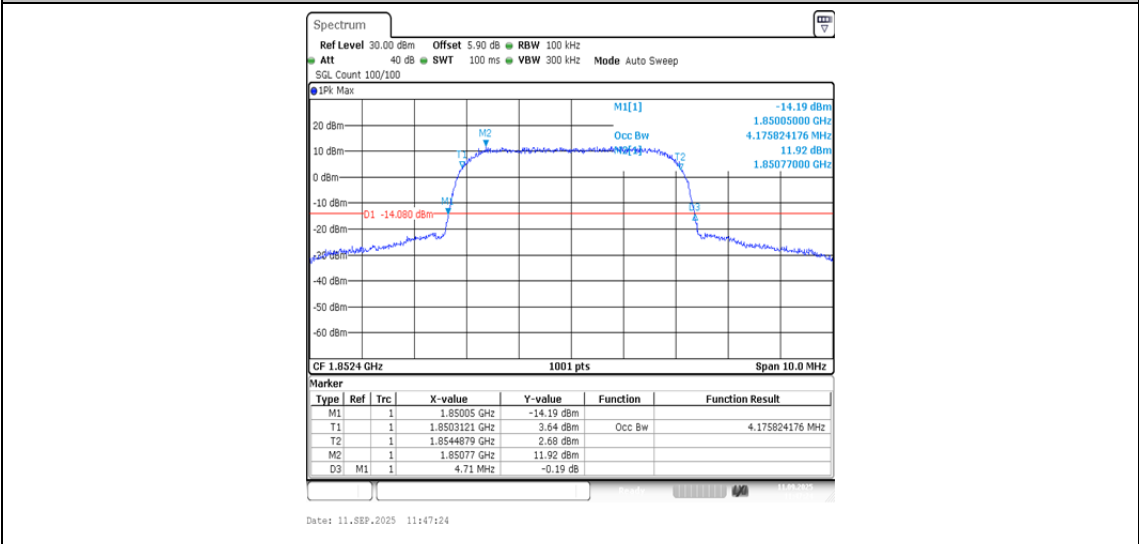
Band2-9538-3-PASS



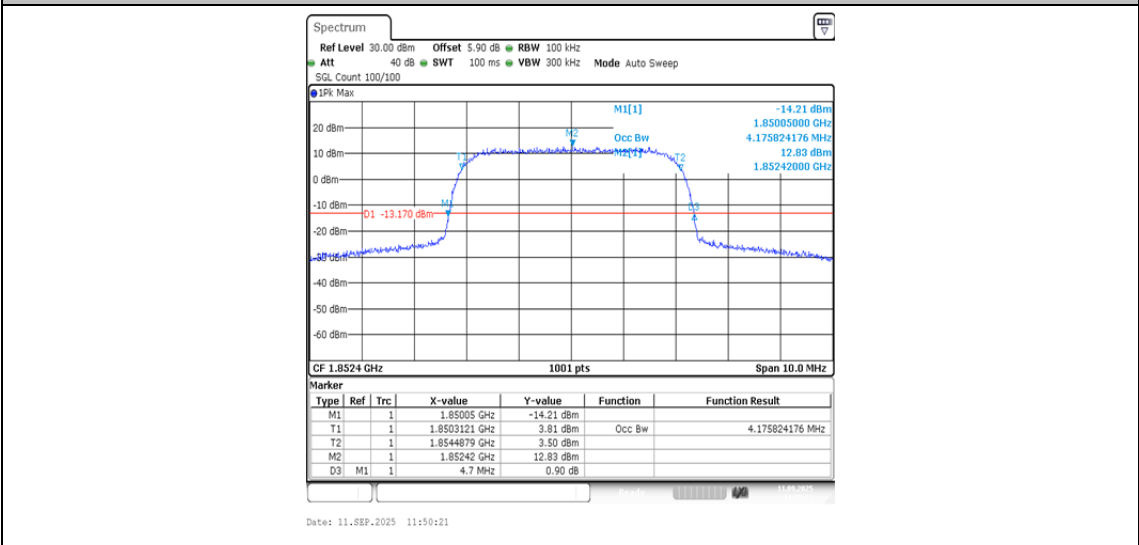
Band2-9538-4-PASS

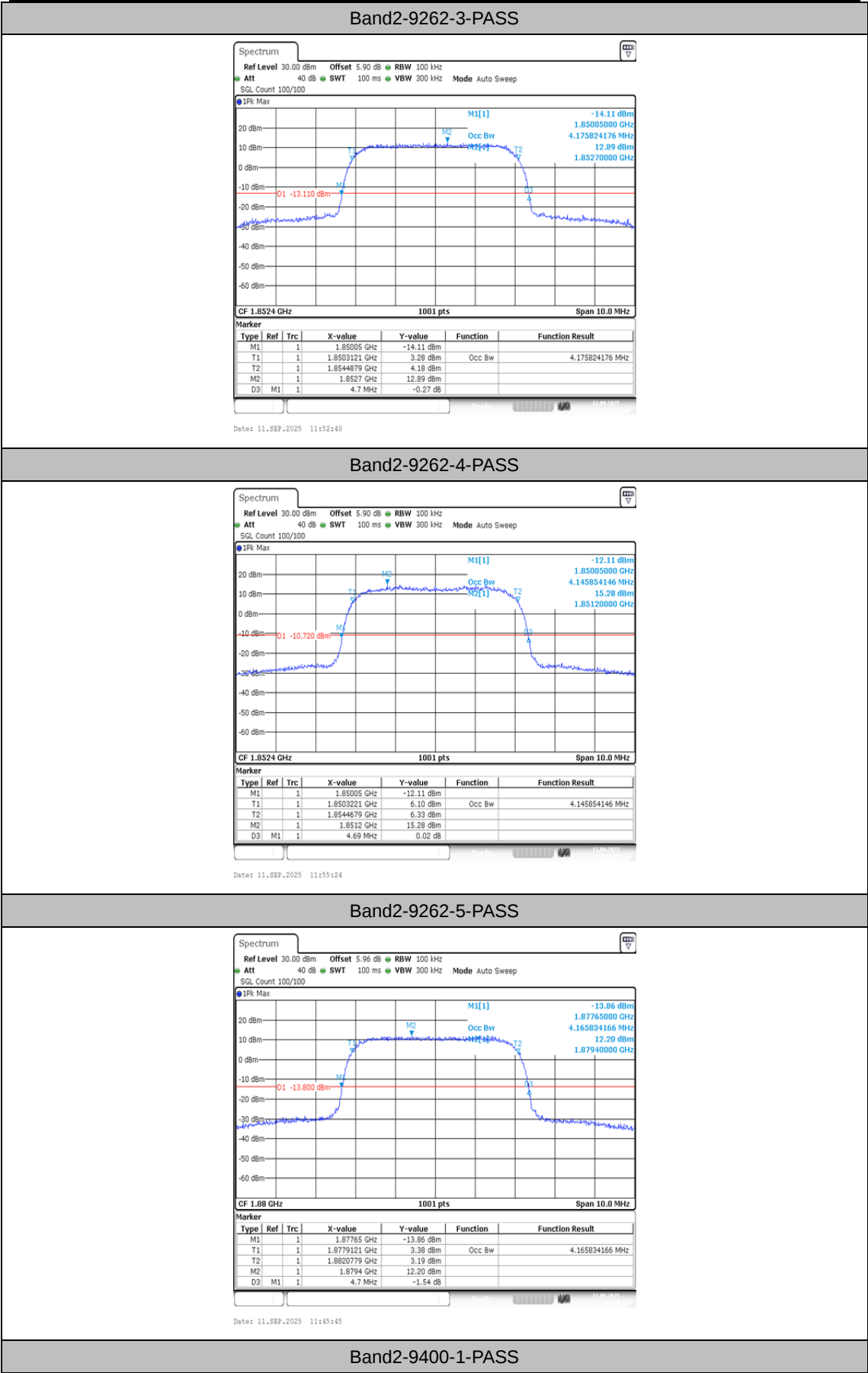


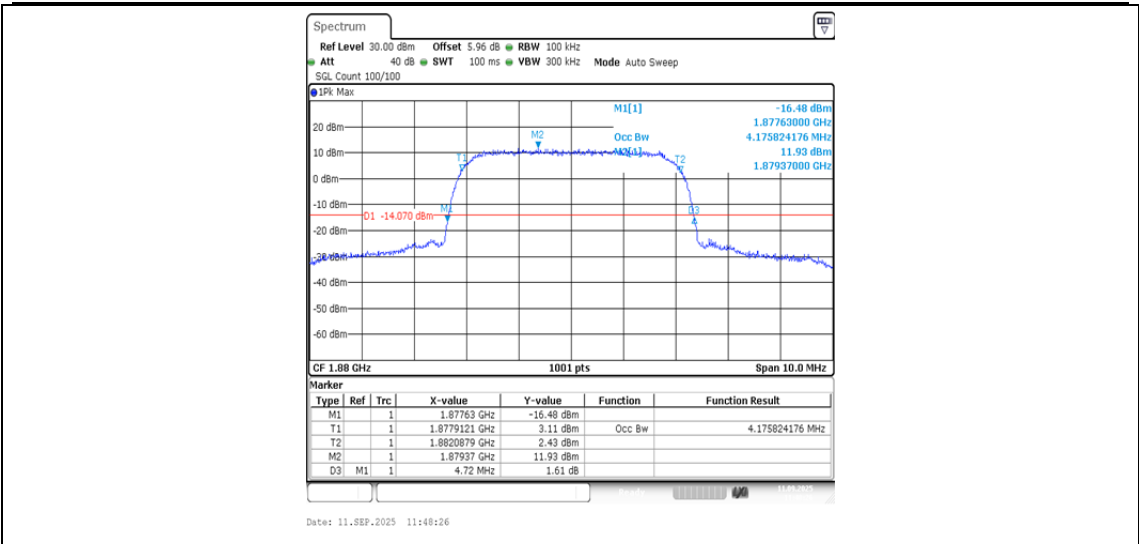
Band2-9262-1-PASS



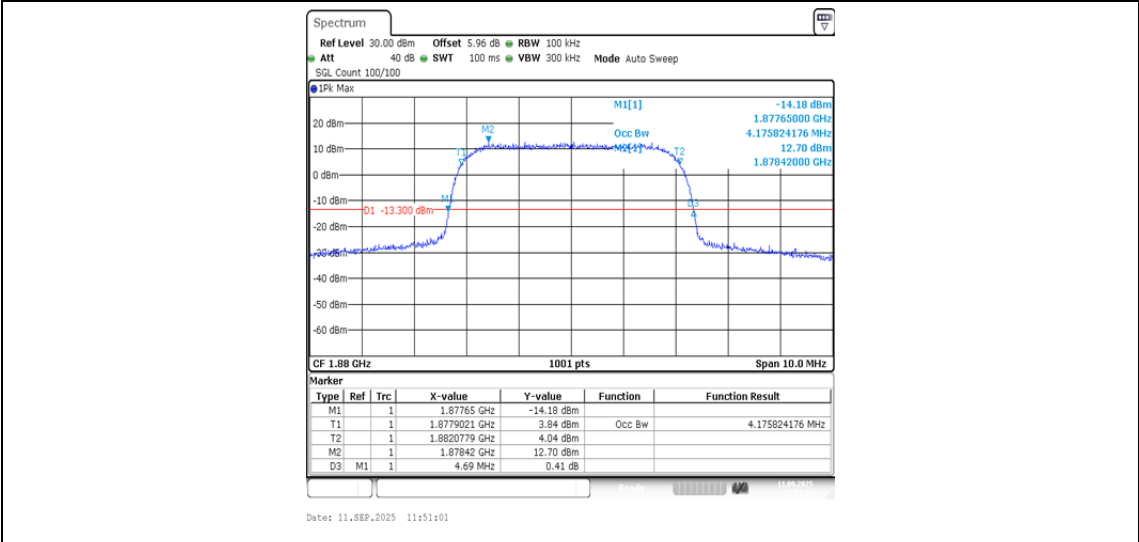
Band2-9262-2-PASS



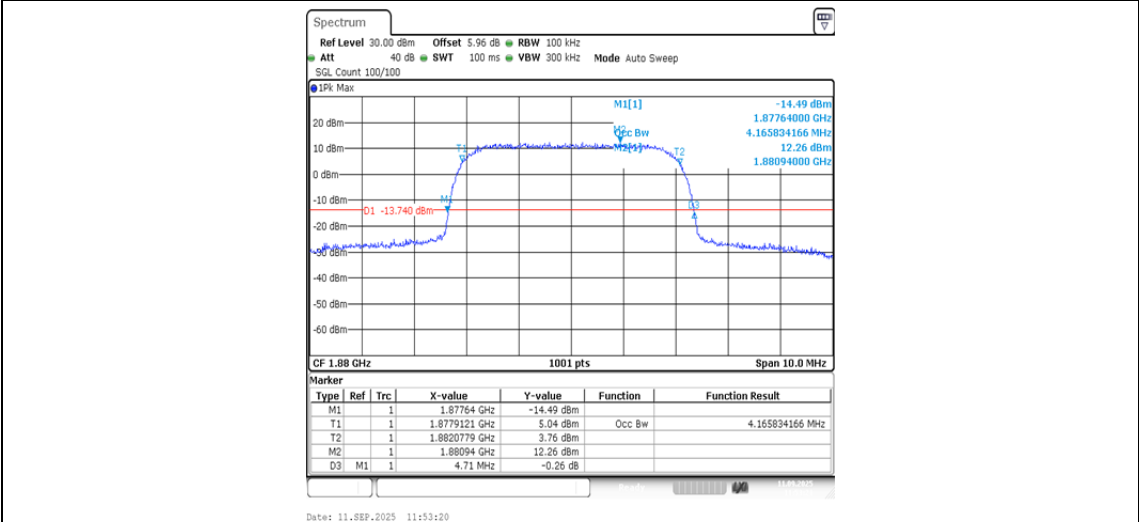




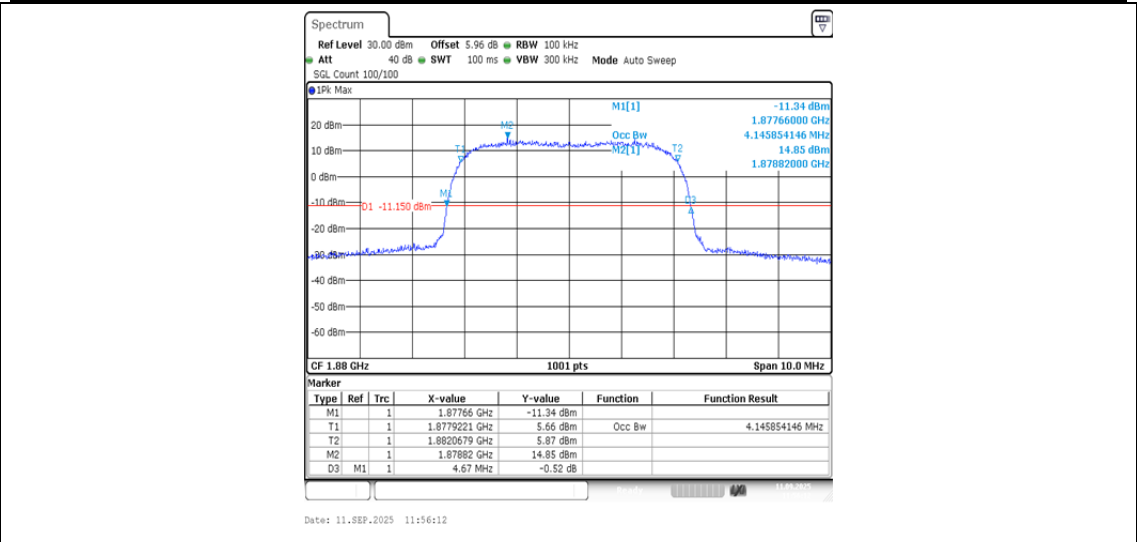
Band2-9400-2-PASS



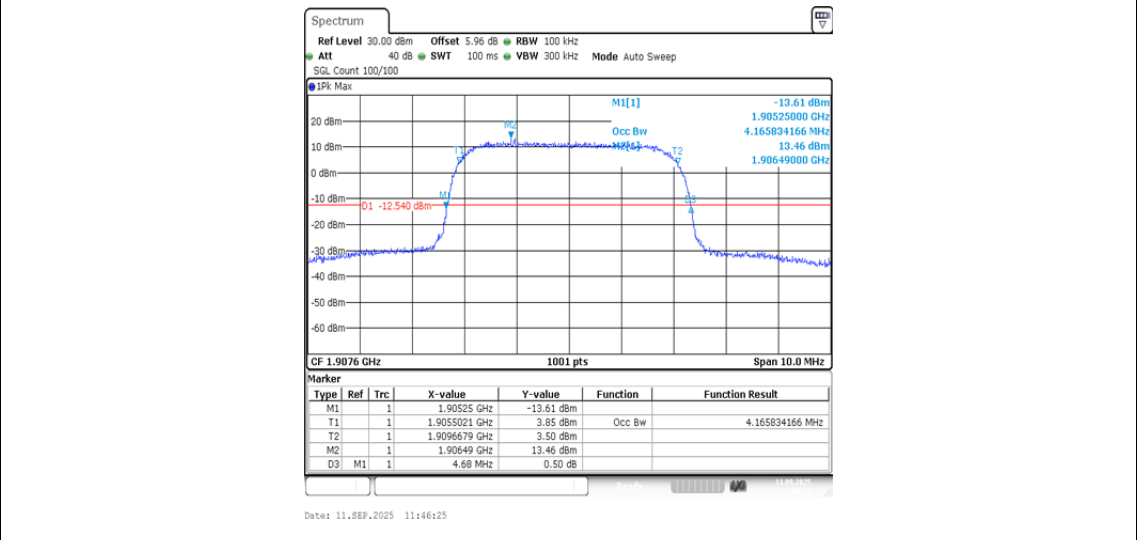
Band2-9400-3-PASS



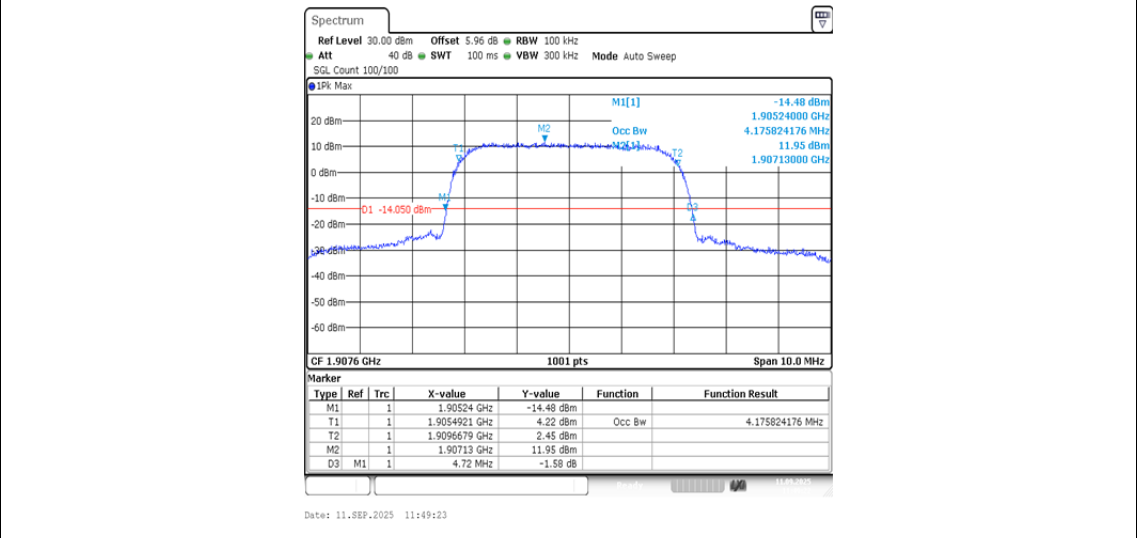
Band2-9400-4-PASS



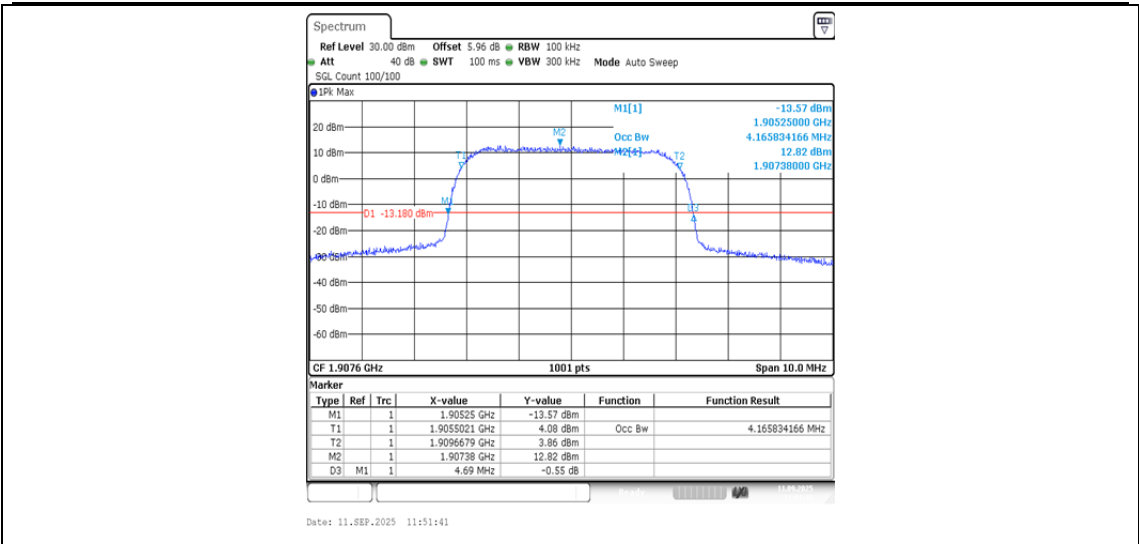
Band2-9400-5-PASS



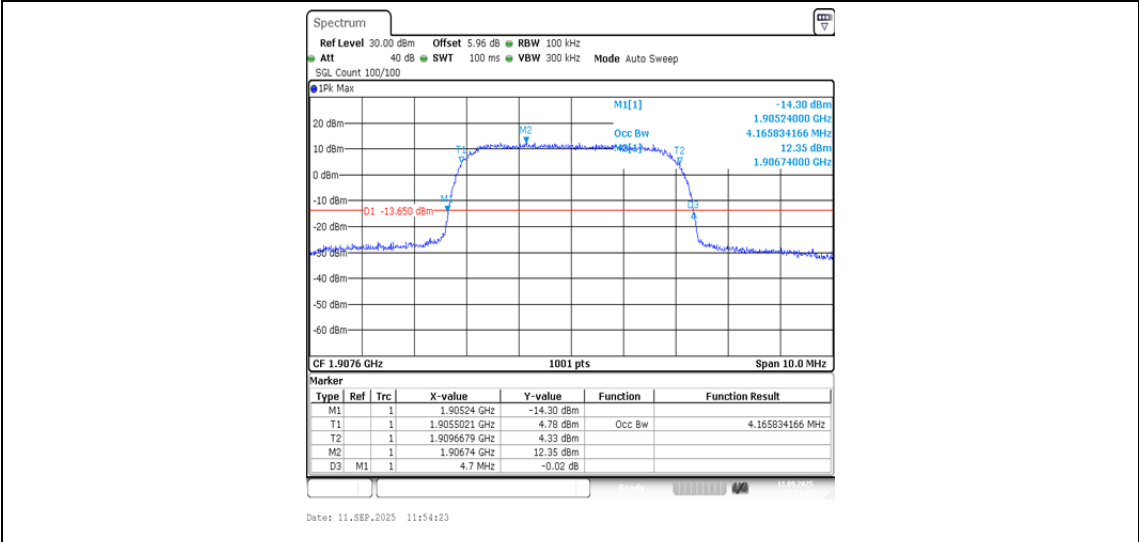
Band2-9538-1-PASS



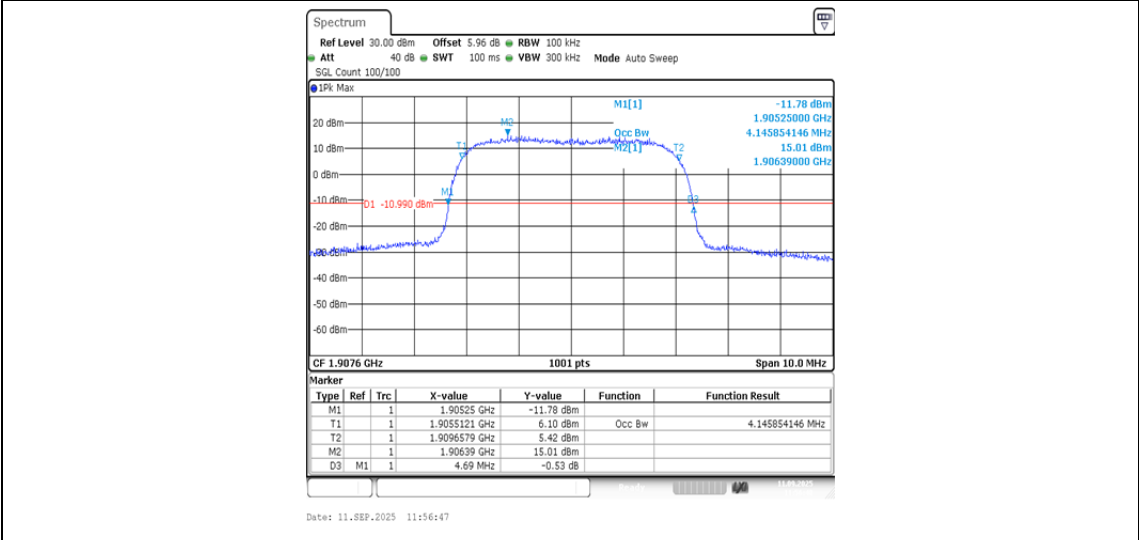
Band2-9538-2-PASS



Band2-9538-3-PASS



Band2-9538-4-PASS



Band2-9538-5-PASS

AppendixD:Band Edge

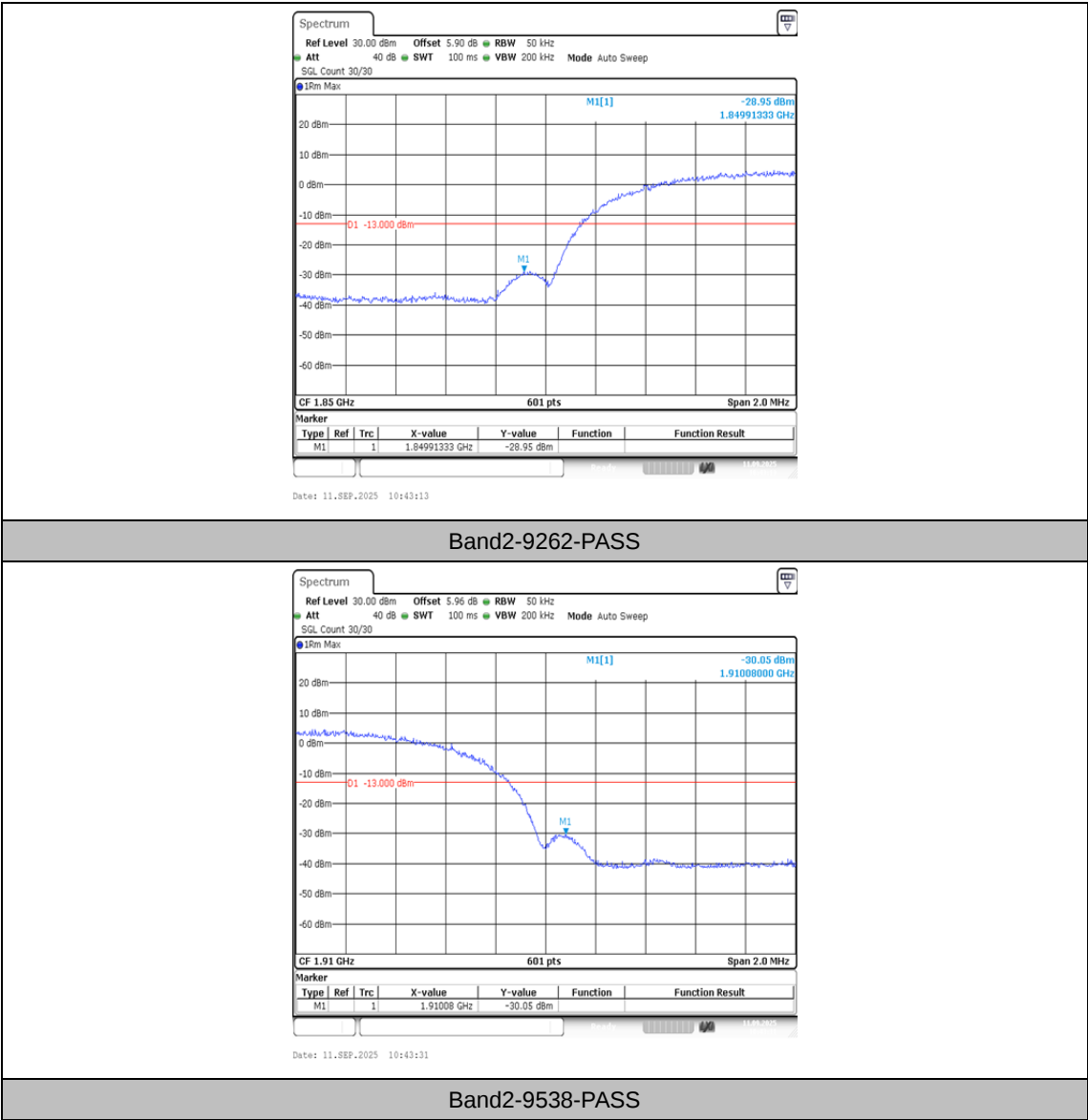
Test Result

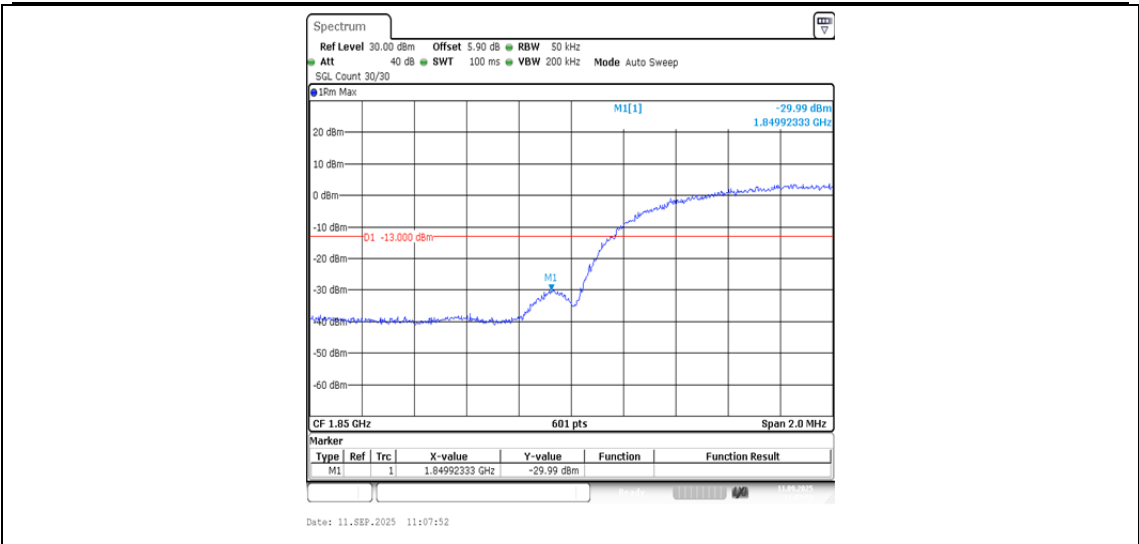
Band	Channel	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band2	9262	1849.91	-28.95	-13	PASS
Band2	9538	1910.08	-30.05	-13	PASS

Band	Channel	SubTest	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band2	9262	1	1849.92	-29.99	-13	PASS
Band2	9262	2	1849.76	-29.12	-13	PASS
Band2	9262	3	1849.76	-28.91	-13	PASS
Band2	9262	4	1849.76	-27.90	-13	PASS
Band2	9538	1	1910.05	-30.22	-13	PASS
Band2	9538	2	1910.28	-31.31	-13	PASS
Band2	9538	3	1910.29	-30.31	-13	PASS
Band2	9538	4	1910.29	-30.41	-13	PASS

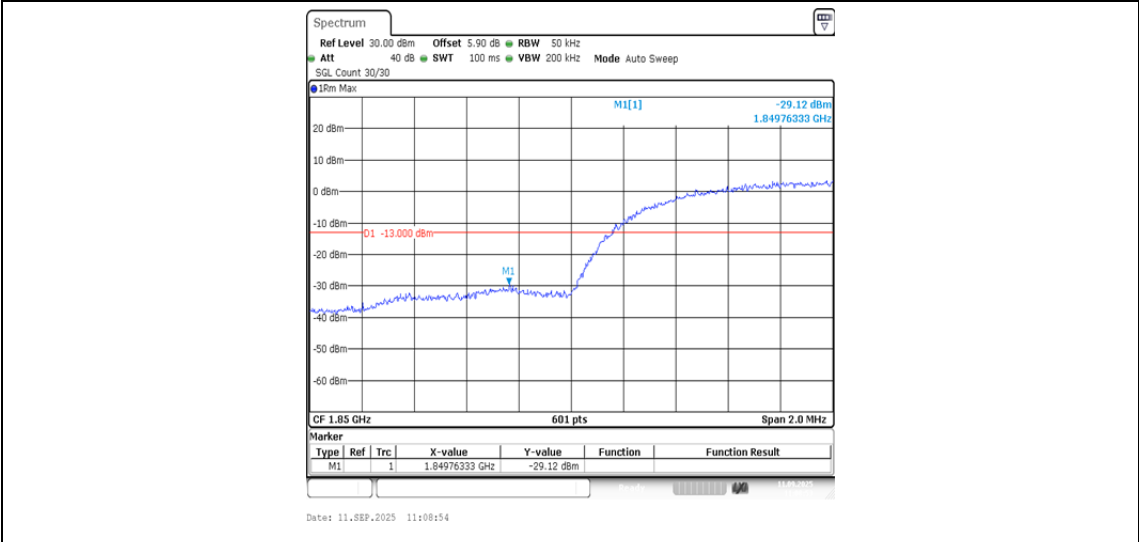
Band	Channel	SubTest	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band2	9262	1	1849.92	-32.93	-13	PASS
Band2	9262	2	1849.71	-30.50	-13	PASS
Band2	9262	3	1849.92	-31.38	-13	PASS
Band2	9262	4	1849.75	-32.59	-13	PASS
Band2	9262	5	1849.93	-31.11	-13	PASS
Band2	9538	1	1910.05	-34.75	-13	PASS
Band2	9538	2	1910.22	-33.97	-13	PASS
Band2	9538	3	1910.07	-33.47	-13	PASS
Band2	9538	4	1910.04	-32.94	-13	PASS
Band2	9538	5	1910.06	-32.26	-13	PASS

Test Graphs

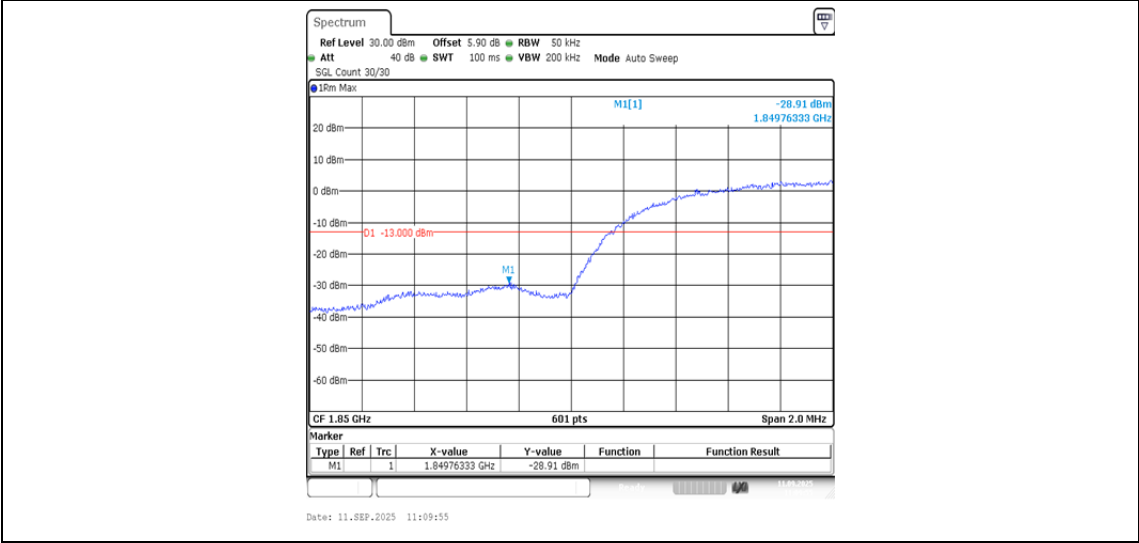




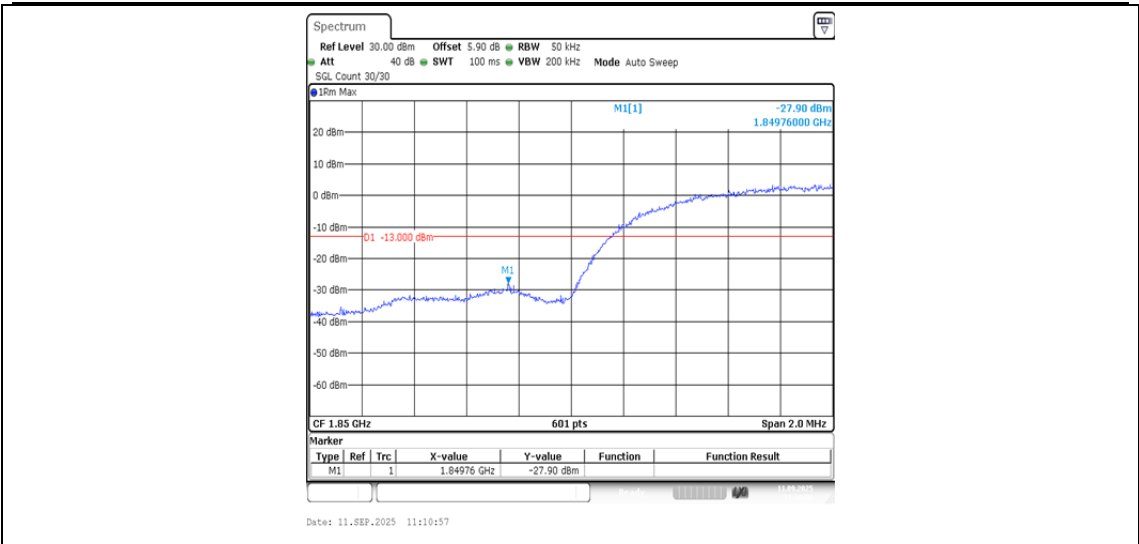
Band2-9262-1-PASS



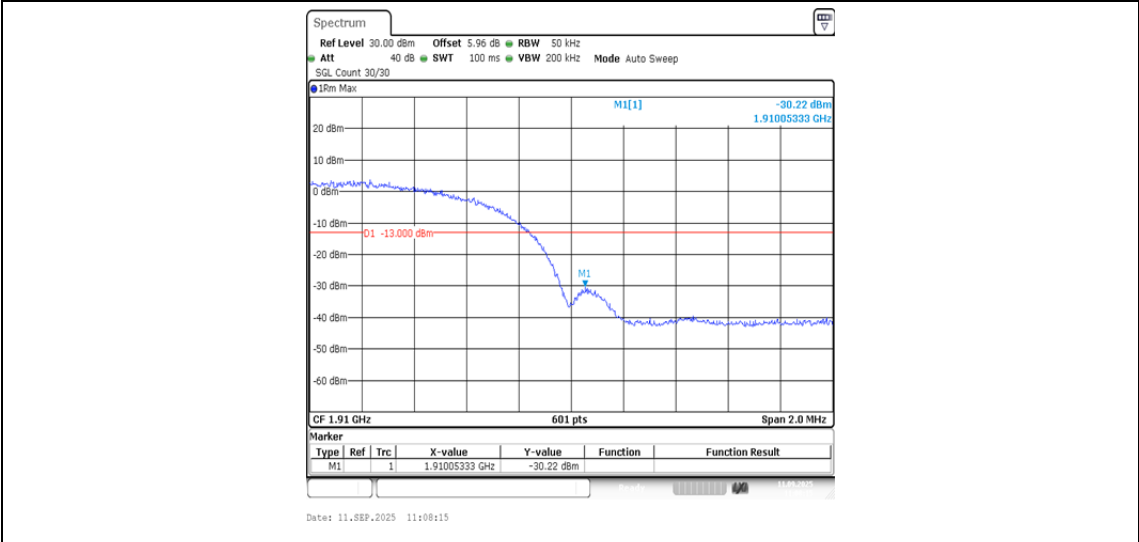
Band2-9262-2-PASS



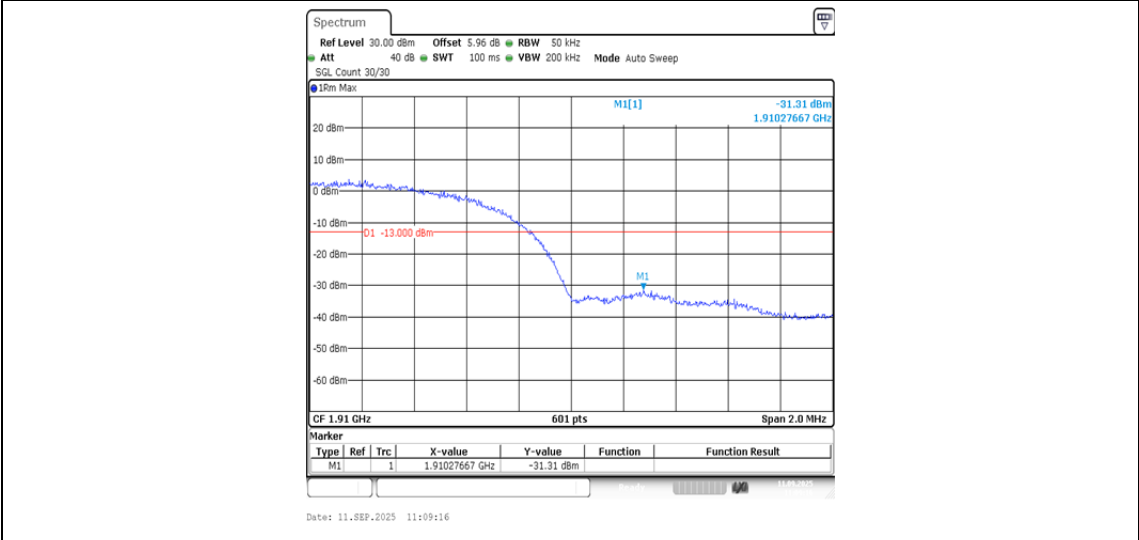
Band2-9262-3-PASS



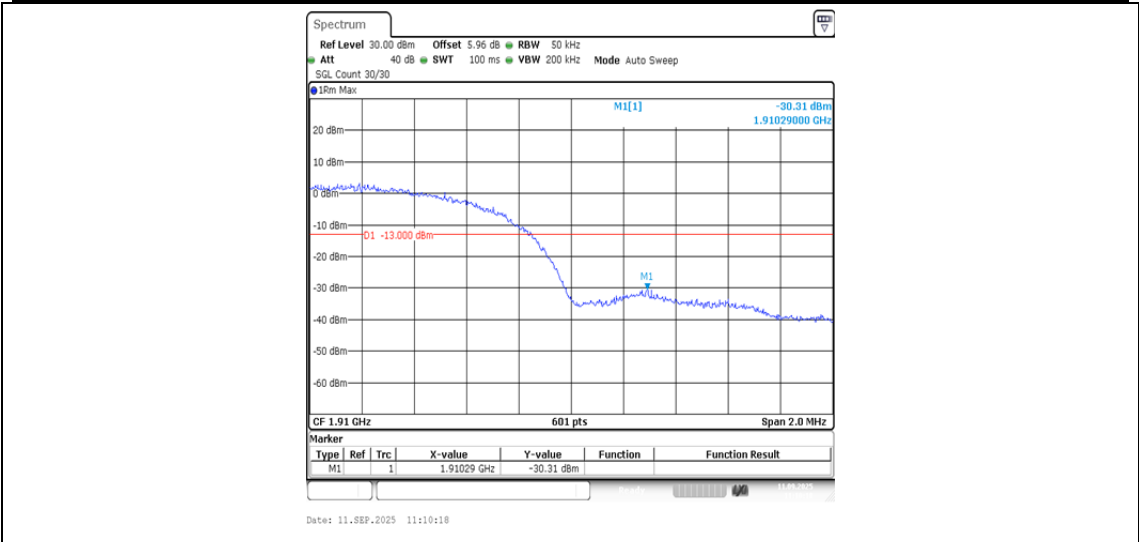
Band2-9262-4-PASS



Band2-9538-1-PASS



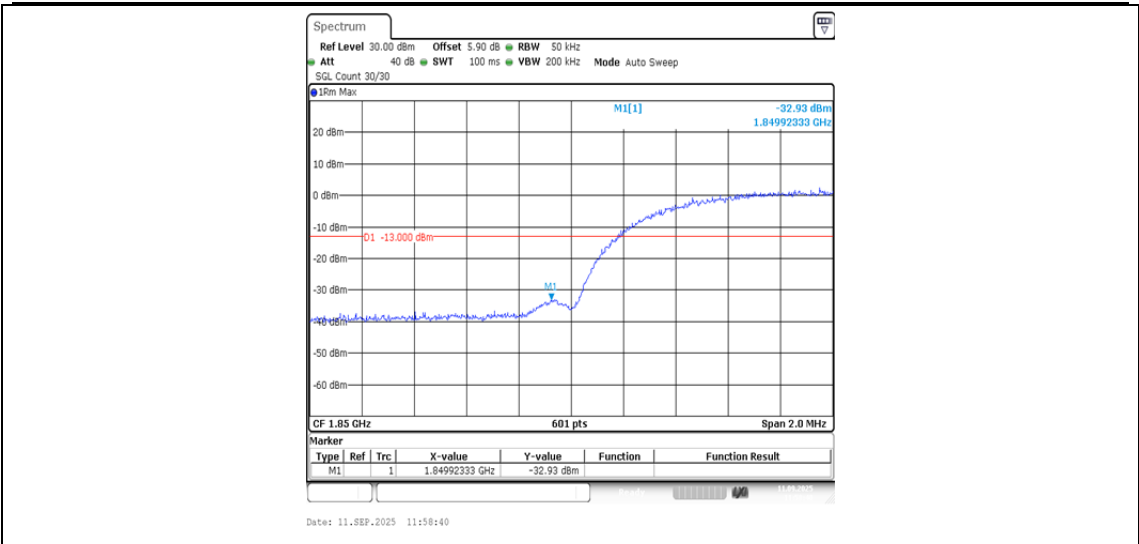
Band2-9538-2-PASS



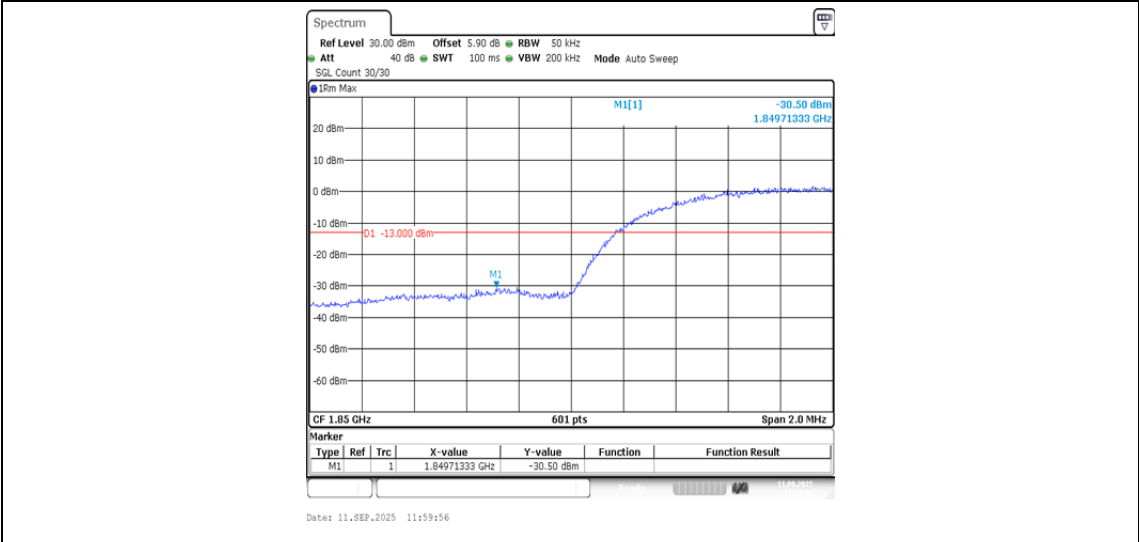
Band2-9538-3-PASS



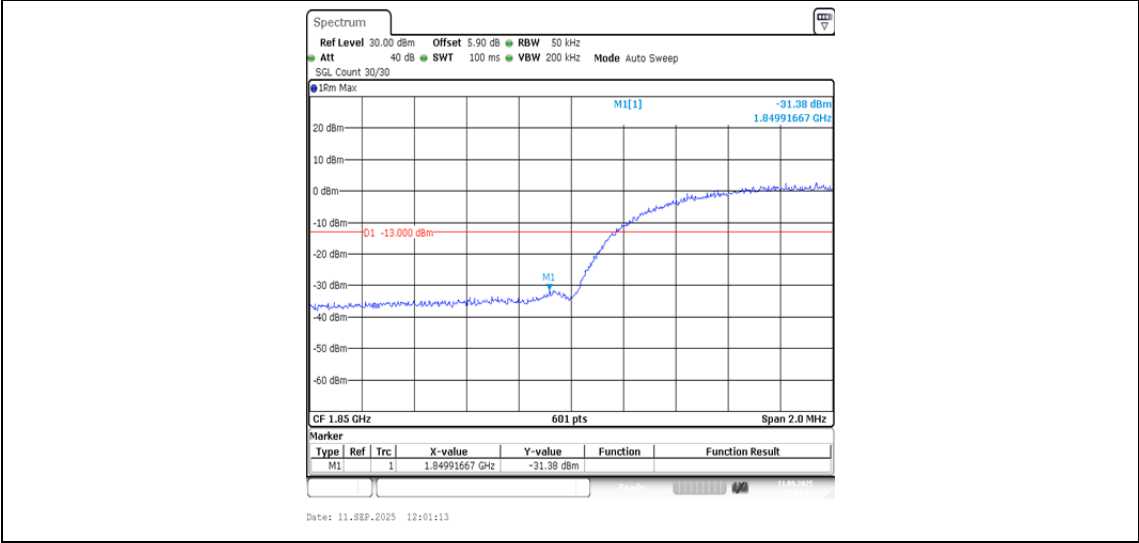
Band2-9538-4-PASS



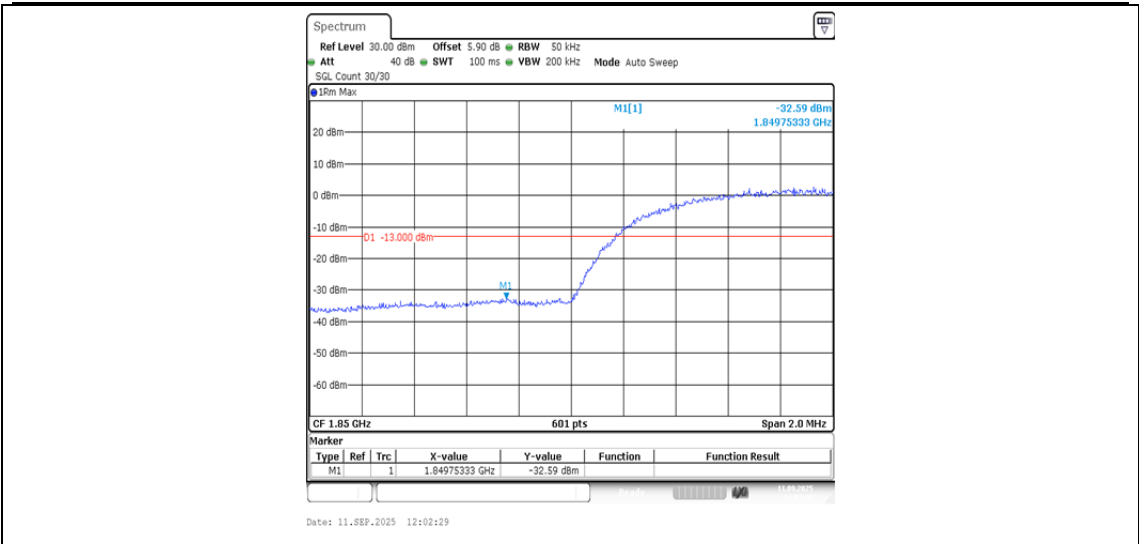
Band2-9262-1-PASS



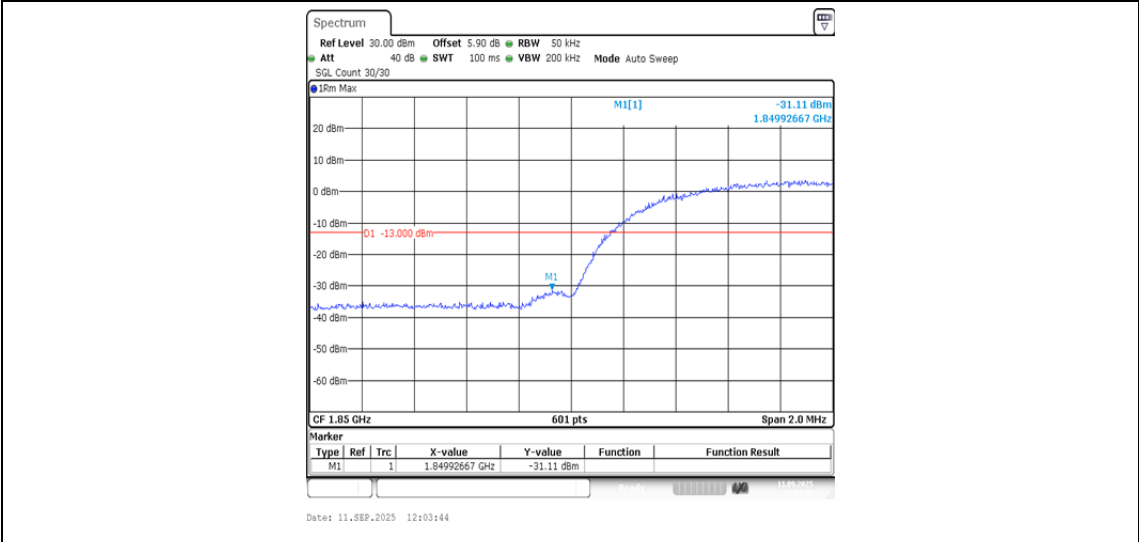
Band2-9262-2-PASS



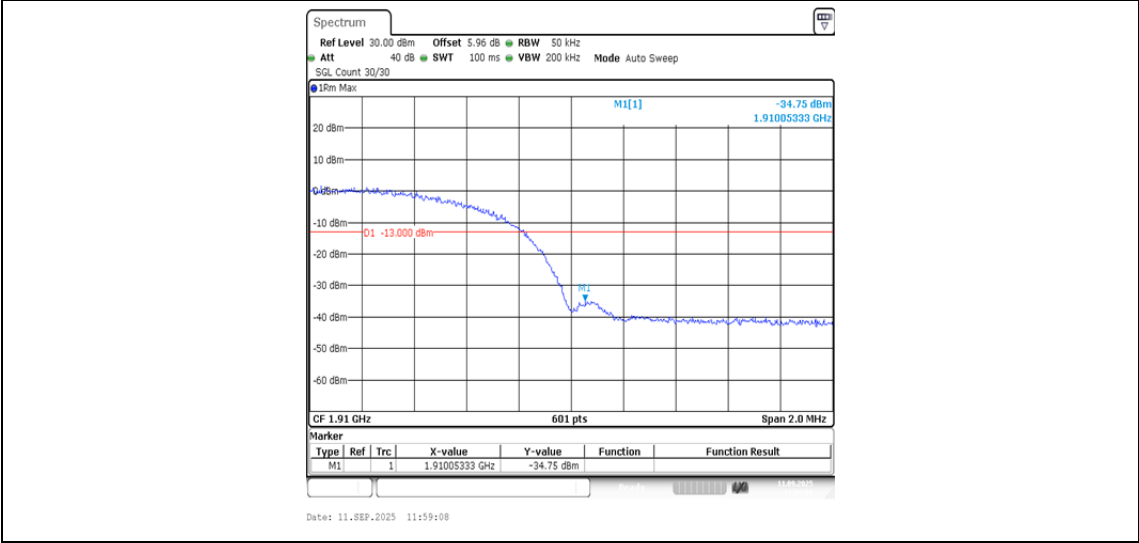
Band2-9262-3-PASS



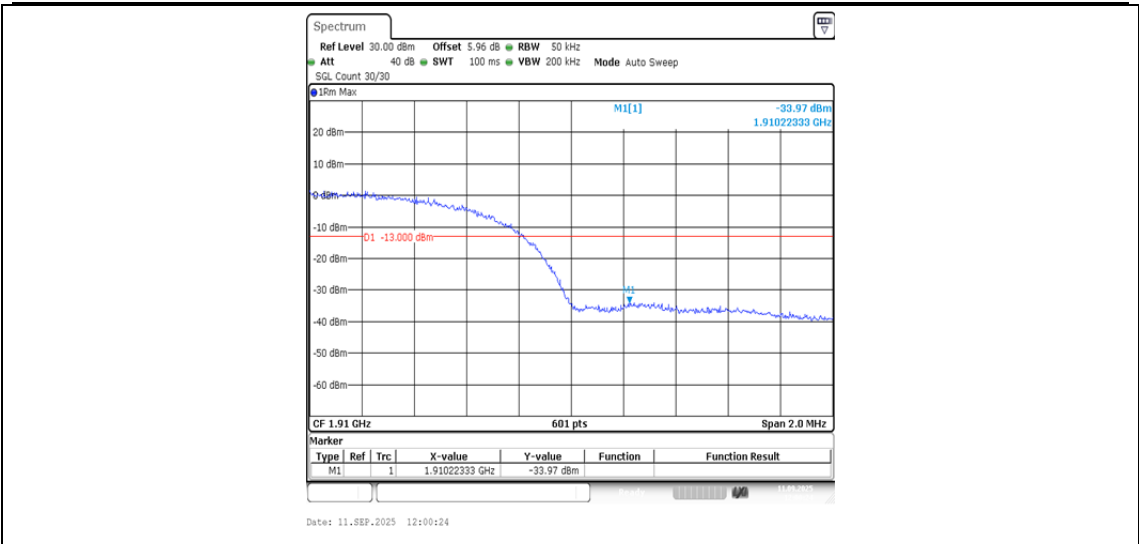
Band2-9262-4-PASS



Band2-9262-5-PASS



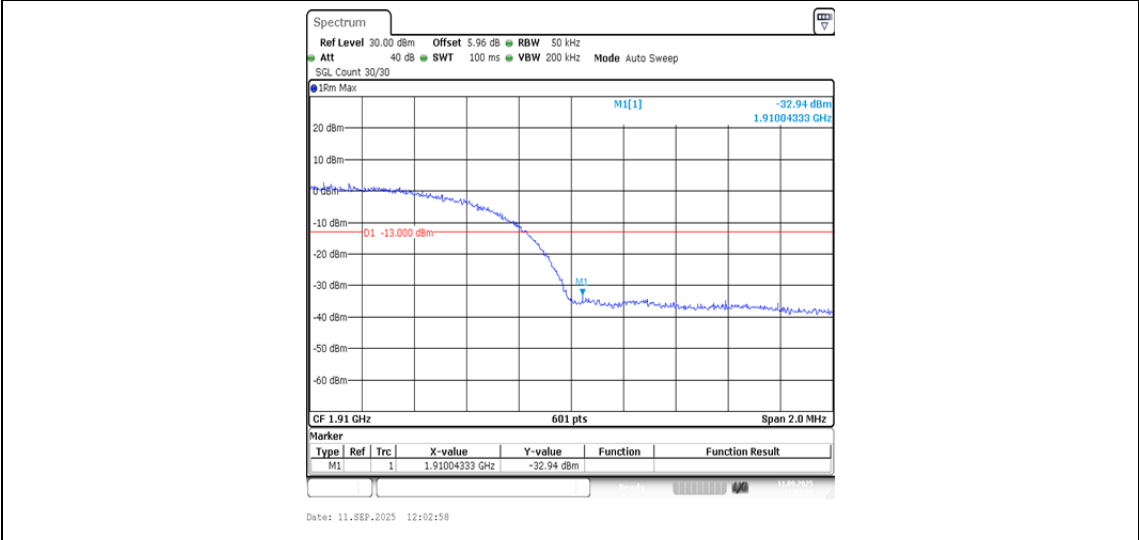
Band2-9538-1-PASS



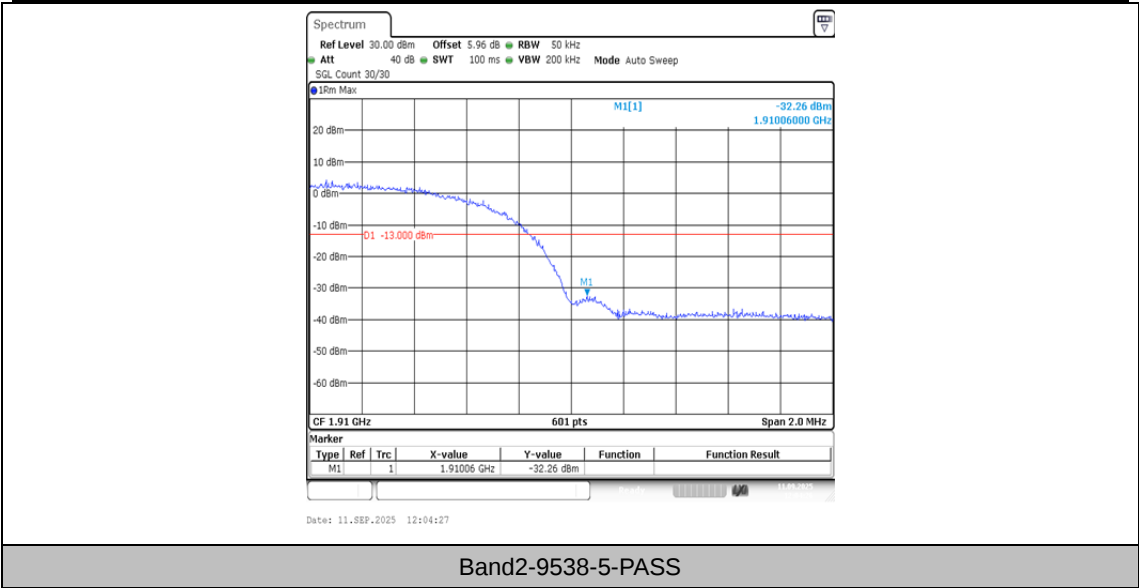
Band2-9538-2-PASS



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	0.02	-62.16	-43	PASS
Band2	9262	0.15~30MHz	29.74	-64.61	-33	PASS
Band2	9262	30~1000MHz	999.56	-49.58	-13	PASS
Band2	9262	1000~30000MHz	6823.2	-40.64	-13	PASS
Band2	9262	3000~20000MHz	6864.6	-37.64	-13	PASS
Band2	9400	0.009~0.15MHz	0.01	-69.93	-43	PASS
Band2	9400	0.15~30MHz	23.14	-64.55	-33	PASS
Band2	9400	30~1000MHz	963.29	-49.67	-13	PASS
Band2	9400	1000~30000MHz	6562.2	-40.51	-13	PASS
Band2	9400	3000~20000MHz	6869.7	-37.64	-13	PASS
Band2	9538	0.009~0.15MHz	0.01	-69.38	-43	PASS
Band2	9538	0.15~30MHz	25.2	-65.47	-33	PASS
Band2	9538	30~1000MHz	987.25	-49.85	-13	PASS
Band2	9538	1000~30000MHz	6573.8	-40.79	-13	PASS
Band2	9538	3000~20000MHz	6997.2	-37.59	-13	PASS

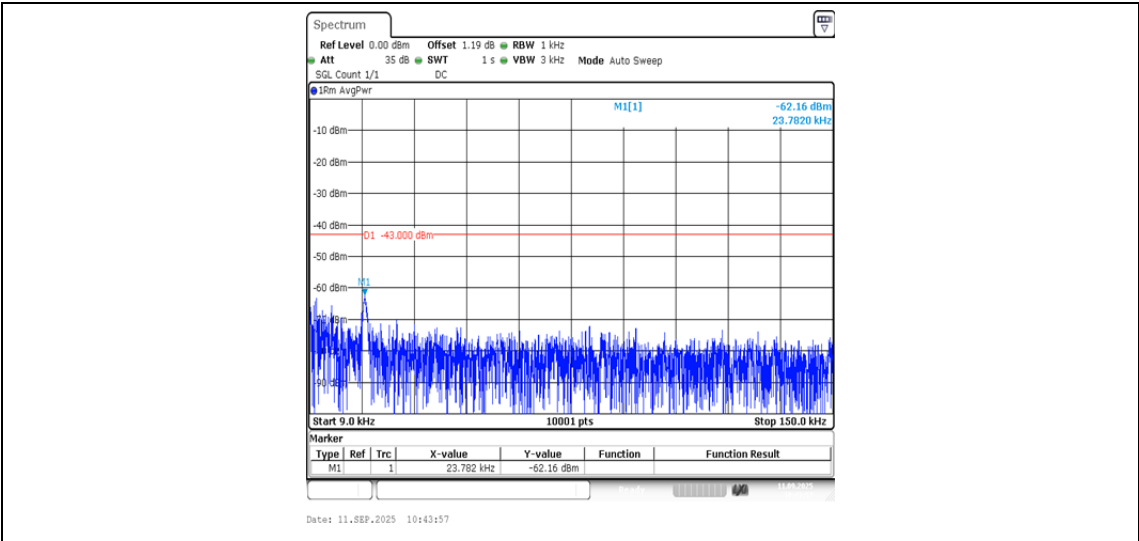
Band	Channel	SubTest	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band2	9262	1	0.009~0.15MHz	0.01	-66.13	-43	PASS
Band2	9262	1	0.15~30MHz	28.69	-65.52	-33	PASS
Band2	9262	1	30~1000MHz	948.16	-49.57	-13	PASS
Band2	9262	1	1000~30000MHz	6782.6	-40.41	-13	PASS
Band2	9262	1	3000~20000MHz	6849.3	-37.71	-13	PASS
Band2	9262	2	0.009~0.15MHz	0.01	-66.92	-43	PASS
Band2	9262	2	0.15~30MHz	28.13	-65.41	-33	PASS
Band2	9262	2	30~1000MHz	965.62	-49.69	-13	PASS
Band2	9262	2	1000~30000MHz	6939.2	-40.64	-13	PASS
Band2	9262	2	3000~20000MHz	6460	-37.78	-13	PASS
Band2	9262	3	0.009~0.15MHz	0.01	-68.73	-43	PASS
Band2	9262	3	0.15~30MHz	26.26	-65.53	-33	PASS
Band2	9262	3	30~1000MHz	964.16	-49.63	-13	PASS
Band2	9262	3	1000~30000MHz	6875.4	-40.67	-13	PASS
Band2	9262	3	3000~20000MHz	6504.2	-37.59	-13	PASS
Band2	9262	4	0.009~0.15MHz	0.01	-68.73	-43	PASS
Band2	9262	4	0.15~30MHz	28.08	-65.61	-33	PASS
Band2	9262	4	30~1000MHz	987.44	-49.68	-13	PASS
Band2	9262	4	1000~30000MHz	6518.7	-40.41	-13	PASS

Band2	9262	4	3000~20000MHz	6560.3	-37.71	-13	PASS
Band2	9400	1	0.009~0.15MHz	0.01	-69.34	-43	PASS
Band2	9400	1	0.15~30MHz	27.75	-65.62	-33	PASS
Band2	9400	1	30~1000MHz	989.87	-49.44	-13	PASS
Band2	9400	1	1000~30000MHz	6498.4	-40.13	-13	PASS
Band2	9400	1	3000~20000MHz	6881.6	-37.76	-13	PASS
Band2	9400	2	0.009~0.15MHz	0.01	-67.93	-43	PASS
Band2	9400	2	0.15~30MHz	24.17	-64.07	-33	PASS
Band2	9400	2	30~1000MHz	993.07	-49.7	-13	PASS
Band2	9400	2	1000~30000MHz	6512.9	-40.72	-13	PASS
Band2	9400	2	3000~20000MHz	6546.7	-37.74	-13	PASS
Band2	9400	3	0.009~0.15MHz	0.01	-67.84	-43	PASS
Band2	9400	3	0.15~30MHz	24.19	-65.09	-33	PASS
Band2	9400	3	30~1000MHz	983.66	-49.65	-13	PASS
Band2	9400	3	1000~30000MHz	6800	-40.51	-13	PASS
Band2	9400	3	3000~20000MHz	6840.8	-37.71	-13	PASS
Band2	9400	4	0.009~0.15MHz	0.01	-69.42	-43	PASS
Band2	9400	4	0.15~30MHz	29.57	-65.38	-33	PASS
Band2	9400	4	30~1000MHz	967.65	-49.68	-13	PASS
Band2	9400	4	1000~30000MHz	6863.8	-40.49	-13	PASS
Band2	9400	4	3000~20000MHz	6852.7	-37.51	-13	PASS
Band2	9538	1	0.009~0.15MHz	0.01	-67.34	-43	PASS
Band2	9538	1	0.15~30MHz	21.39	-64.71	-33	PASS
Band2	9538	1	30~1000MHz	972.31	-49.61	-13	PASS
Band2	9538	1	1000~30000MHz	6846.4	-40.55	-13	PASS
Band2	9538	1	3000~20000MHz	6857.8	-37.6	-13	PASS
Band2	9538	2	0.009~0.15MHz	0.01	-69.53	-43	PASS
Band2	9538	2	0.15~30MHz	27.88	-65.68	-33	PASS
Band2	9538	2	30~1000MHz	946.61	-49.82	-13	PASS
Band2	9538	2	1000~30000MHz	6872.5	-40.61	-13	PASS
Band2	9538	2	3000~20000MHz	6553.5	-37.88	-13	PASS
Band2	9538	3	0.009~0.15MHz	0.03	-69.75	-43	PASS
Band2	9538	3	0.15~30MHz	24.69	-64.68	-33	PASS
Band2	9538	3	30~1000MHz	973.76	-49.84	-13	PASS
Band2	9538	3	1000~30000MHz	6800	-40.59	-13	PASS
Band2	9538	3	3000~20000MHz	6830.6	-37.58	-13	PASS
Band2	9538	4	0.009~0.15MHz	0.01	-66.23	-43	PASS
Band2	9538	4	0.15~30MHz	21.84	-66.23	-33	PASS
Band2	9538	4	30~1000MHz	984.14	-49.78	-13	PASS
Band2	9538	4	1000~30000MHz	6225.8	-40.74	-13	PASS
Band2	9538	4	3000~20000MHz	6866.3	-37.63	-13	PASS

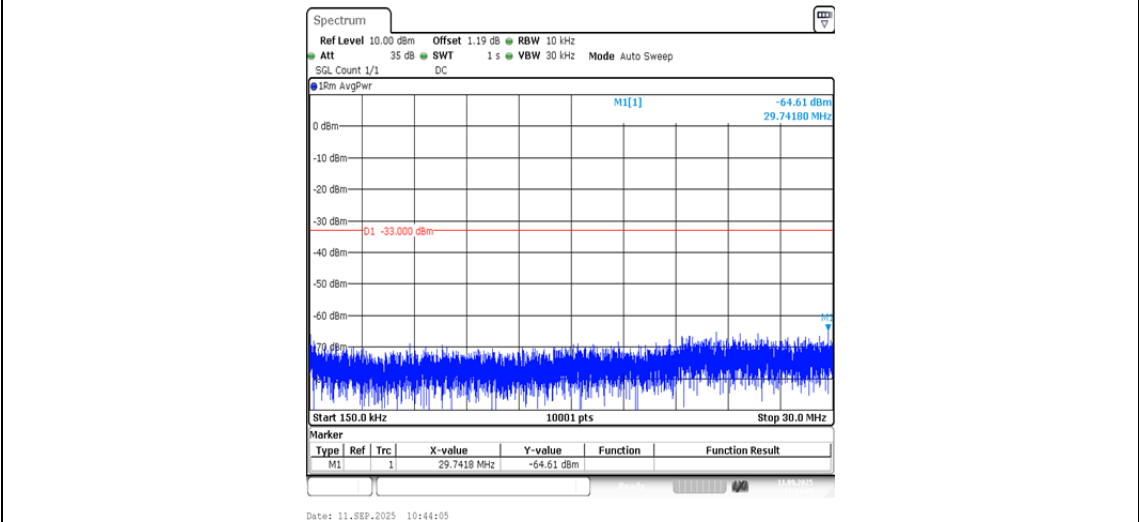
Band	Channel	SubTest	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band2	9262	1	0.009~0.15MHz	0.01	-65.87	-43	PASS
Band2	9262	1	0.15~30MHz	24.97	-65.39	-33	PASS
Band2	9262	1	30~1000MHz	934.87	-49.81	-13	PASS
Band2	9262	1	1000~30000MHz	6544.8	-40.77	-13	PASS
Band2	9262	1	3000~20000MHz	6507.6	-37.68	-13	PASS
Band2	9262	2	0.009~0.15MHz	0.01	-66.35	-43	PASS
Band2	9262	2	0.15~30MHz	27.16	-65.18	-33	PASS
Band2	9262	2	30~1000MHz	998.11	-49.63	-13	PASS
Band2	9262	2	1000~30000MHz	6553.5	-40.77	-13	PASS
Band2	9262	2	3000~20000MHz	6886.7	-37.77	-13	PASS
Band2	9262	3	0.009~0.15MHz	0.01	-66.16	-43	PASS
Band2	9262	3	0.15~30MHz	26.84	-65.24	-33	PASS
Band2	9262	3	30~1000MHz	991.61	-49.81	-13	PASS
Band2	9262	3	1000~30000MHz	6869.6	-40.44	-13	PASS
Band2	9262	3	3000~20000MHz	6828.9	-37.7	-13	PASS
Band2	9262	4	0.009~0.15MHz	0.01	-65.08	-43	PASS
Band2	9262	4	0.15~30MHz	23.03	-65.45	-33	PASS
Band2	9262	4	30~1000MHz	913.92	-49.58	-13	PASS
Band2	9262	4	1000~30000MHz	6947.9	-40.6	-13	PASS
Band2	9262	4	3000~20000MHz	6844.2	-37.76	-13	PASS
Band2	9262	5	0.009~0.15MHz	0.02	-68.16	-43	PASS
Band2	9262	5	0.15~30MHz	26.52	-65.66	-33	PASS
Band2	9262	5	30~1000MHz	916.54	-49.75	-13	PASS
Band2	9262	5	1000~30000MHz	6782.6	-40.71	-13	PASS
Band2	9262	5	3000~20000MHz	6529.7	-37.74	-13	PASS
Band2	9400	1	0.009~0.15MHz	0.01	-66.21	-43	PASS
Band2	9400	1	0.15~30MHz	26.98	-64.6	-33	PASS
Band2	9400	1	30~1000MHz	965.04	-49.73	-13	PASS
Band2	9400	1	1000~30000MHz	6829	-40.46	-13	PASS
Band2	9400	1	3000~20000MHz	6820.4	-37.4	-13	PASS
Band2	9400	2	0.009~0.15MHz	0.01	-65.61	-43	PASS
Band2	9400	2	0.15~30MHz	24.83	-65.65	-33	PASS
Band2	9400	2	30~1000MHz	989.96	-49.72	-13	PASS
Band2	9400	2	1000~30000MHz	6515.8	-40.76	-13	PASS
Band2	9400	2	3000~20000MHz	6558.6	-37.69	-13	PASS
Band2	9400	3	0.009~0.15MHz	0.01	-64.62	-43	PASS
Band2	9400	3	0.15~30MHz	23.66	-64.43	-33	PASS
Band2	9400	3	30~1000MHz	925.46	-49.65	-13	PASS
Band2	9400	3	1000~30000MHz	6878.3	-40.26	-13	PASS

Band2	9400	3	3000~20000MHz	6516.1	-37.39	-13	PASS
Band2	9400	4	0.009~0.15MHz	0.01	-65.25	-43	PASS
Band2	9400	4	0.15~30MHz	27.97	-65.28	-33	PASS
Band2	9400	4	30~1000MHz	970.95	-49.72	-13	PASS
Band2	9400	4	1000~30000MHz	6794.2	-40.62	-13	PASS
Band2	9400	4	3000~20000MHz	6817	-37.54	-13	PASS
Band2	9400	5	0.009~0.15MHz	0.01	-62.24	-43	PASS
Band2	9400	5	0.15~30MHz	26.41	-66.34	-33	PASS
Band2	9400	5	30~1000MHz	987.05	-49.75	-13	PASS
Band2	9400	5	1000~30000MHz	6510	-40.45	-13	PASS
Band2	9400	5	3000~20000MHz	6857.8	-37.63	-13	PASS
Band2	9538	1	0.009~0.15MHz	0.01	-64.88	-43	PASS
Band2	9538	1	0.15~30MHz	27.72	-64.65	-33	PASS
Band2	9538	1	30~1000MHz	983.95	-49.75	-13	PASS
Band2	9538	1	1000~30000MHz	6550.6	-40.64	-13	PASS
Band2	9538	1	3000~20000MHz	6606.2	-37.86	-13	PASS
Band2	9538	2	0.009~0.15MHz	0.01	-64.94	-43	PASS
Band2	9538	2	0.15~30MHz	21.47	-64.86	-33	PASS
Band2	9538	2	30~1000MHz	999.08	-49.8	-13	PASS
Band2	9538	2	1000~30000MHz	6901.5	-40.69	-13	PASS
Band2	9538	2	3000~20000MHz	6834	-37.57	-13	PASS
Band2	9538	3	0.009~0.15MHz	0.01	-65.1	-43	PASS
Band2	9538	3	0.15~30MHz	27.6	-65.08	-33	PASS
Band2	9538	3	30~1000MHz	932.74	-49.81	-13	PASS
Band2	9538	3	1000~30000MHz	6750.7	-40.51	-13	PASS
Band2	9538	3	3000~20000MHz	6806.8	-37.69	-13	PASS
Band2	9538	4	0.009~0.15MHz	0.01	-65.18	-43	PASS
Band2	9538	4	0.15~30MHz	29.28	-65.44	-33	PASS
Band2	9538	4	30~1000MHz	984.14	-49.74	-13	PASS
Band2	9538	4	1000~30000MHz	6829	-40.46	-13	PASS
Band2	9538	4	3000~20000MHz	6900.3	-37.62	-13	PASS
Band2	9538	5	0.009~0.15MHz	0.01	-68.14	-43	PASS
Band2	9538	5	0.15~30MHz	28.45	-65.82	-33	PASS
Band2	9538	5	30~1000MHz	921.97	-49.71	-13	PASS
Band2	9538	5	1000~30000MHz	6840.6	-40.57	-13	PASS
Band2	9538	5	3000~20000MHz	6529.7	-37.66	-13	PASS

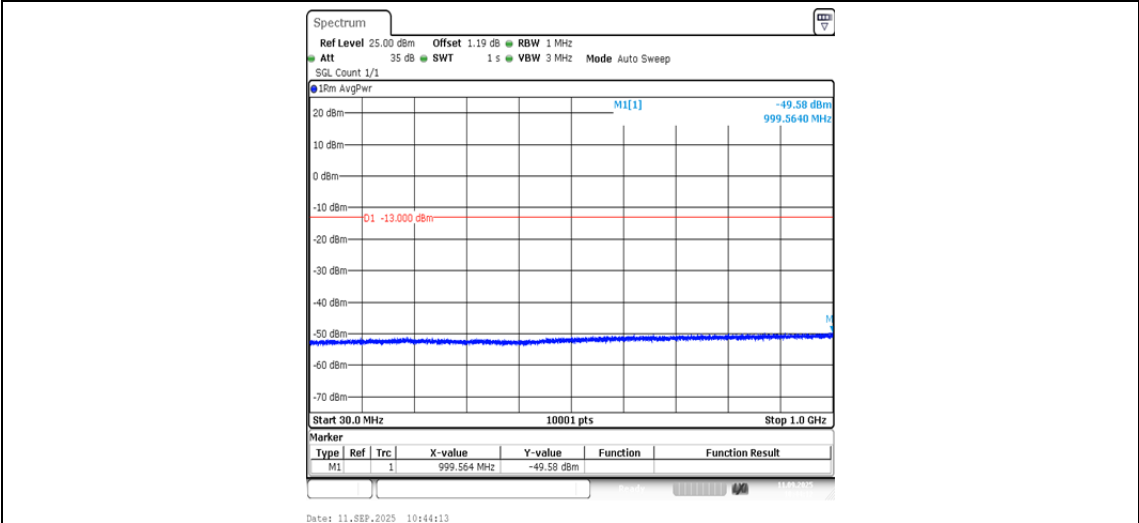
Test Graphs



Band2-9262-0.009~0.15MHz-PASS



Band2-9262-0.15~30MHz-PASS



Band2-9262-30~1000MHz-PASS