

Appendix for WCDMA B4

Product Name: Mobile Phone

Model No: STAR

AppendixA: Average Power Output Data

Test Result

Band	Channel	Power(dBm)	Limit(dBm)	Verdict
Band4	1312	21.96	30.00	PASS
Band4	1413	21.62	30.00	PASS
Band4	1513	22.28	30.00	PASS

Band	Channel	SubTest	Power(dBm)	Limit(dBm)	Verdict
Band4	1312	1	21.85	30.00	PASS
Band4	1413	1	21.26	30.00	PASS
Band4	1513	1	22.00	30.00	PASS
Band4	1312	2	21.98	30.00	PASS
Band4	1413	2	21.45	30.00	PASS
Band4	1513	2	22.15	30.00	PASS
Band4	1312	3	21.96	30.00	PASS
Band4	1413	3	21.45	30.00	PASS
Band4	1513	3	22.11	30.00	PASS
Band4	1312	4	21.99	30.00	PASS
Band4	1413	4	21.44	30.00	PASS
Band4	1513	4	22.15	30.00	PASS

Band	Channel	SubTest	Power(dBm)	Limit(dBm)	Verdict
Band4	1312	1	21.85	30.00	PASS
Band4	1413	1	21.35	30.00	PASS
Band4	1513	1	22.08	30.00	PASS
Band4	1312	2	21.41	30.00	PASS
Band4	1413	2	20.94	30.00	PASS
Band4	1513	2	21.57	30.00	PASS
Band4	1312	3	21.90	30.00	PASS
Band4	1413	3	21.41	30.00	PASS
Band4	1513	3	22.07	30.00	PASS
Band4	1312	4	22.02	30.00	PASS
Band4	1413	4	21.56	30.00	PASS
Band4	1513	4	21.92	30.00	PASS
Band4	1312	5	22.14	30.00	PASS
Band4	1413	5	21.39	30.00	PASS
Band4	1513	5	22.07	30.00	PASS

AppendixB:Peak-to-Average Ratio

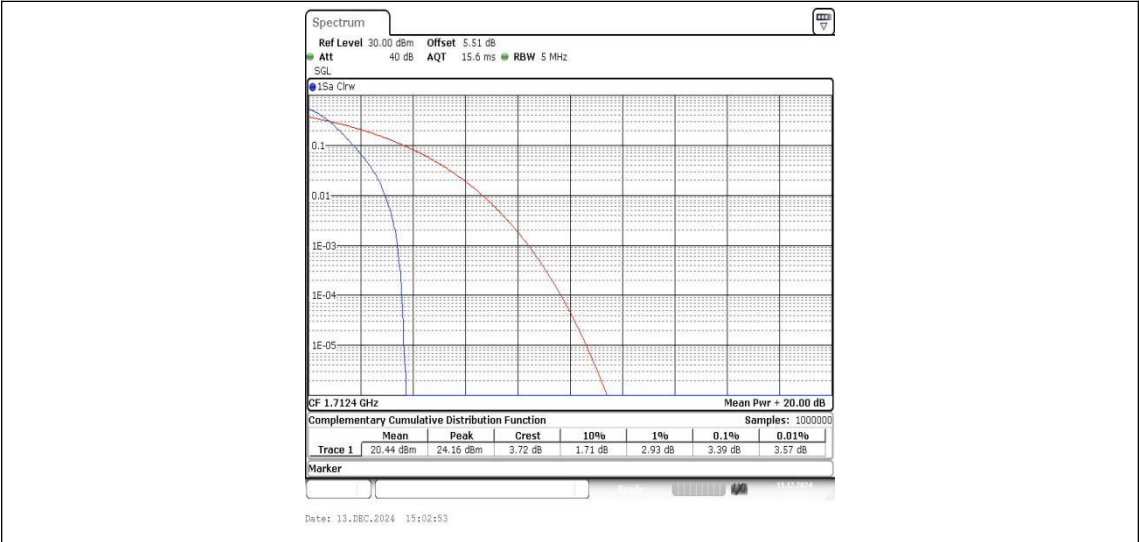
Test Result

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band4	1312	3.39	13	PASS
Band4	1413	3.51	13	PASS
Band4	1513	3.39	13	PASS

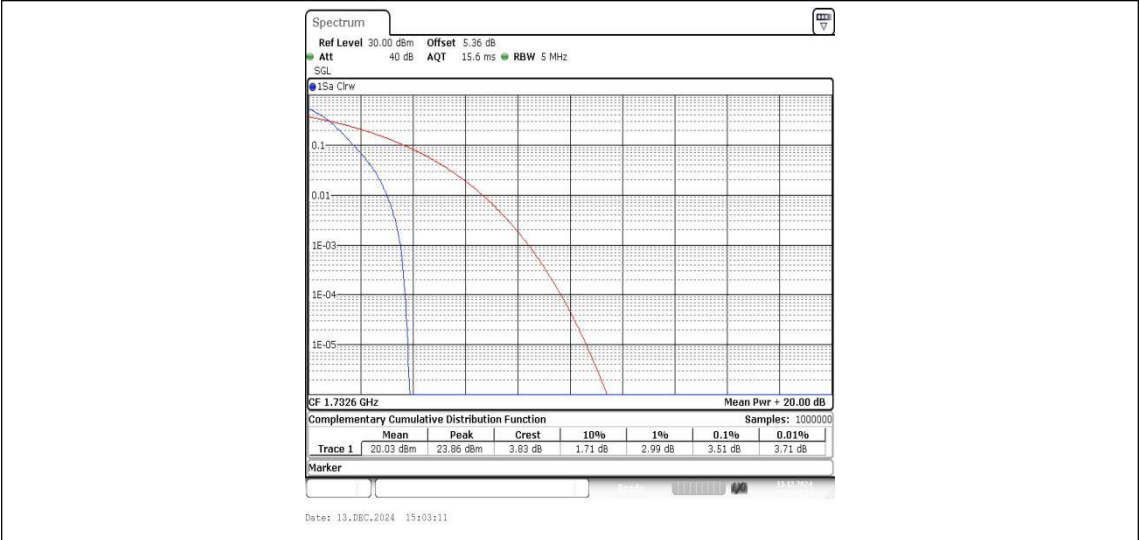
Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band4	1312	1	3.42	13	PASS
Band4	1413	1	3.51	13	PASS
Band4	1513	1	3.39	13	PASS
Band4	1312	2	3.51	13	PASS
Band4	1413	2	3.59	13	PASS
Band4	1513	2	3.48	13	PASS
Band4	1312	3	3.65	13	PASS
Band4	1413	3	3.74	13	PASS
Band4	1513	3	3.62	13	PASS
Band4	1312	4	3.68	13	PASS
Band4	1413	4	3.77	13	PASS
Band4	1513	4	3.65	13	PASS

Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band4	1312	1	4.55	13	PASS
Band4	1413	1	4.78	13	PASS
Band4	1513	1	4.52	13	PASS
Band4	1312	2	5.51	13	PASS
Band4	1413	2	5.77	13	PASS
Band4	1513	2	5.48	13	PASS
Band4	1312	3	5.07	13	PASS
Band4	1413	3	5.36	13	PASS
Band4	1513	3	5.04	13	PASS
Band4	1312	4	5.39	13	PASS
Band4	1413	4	5.77	13	PASS
Band4	1513	4	5.36	13	PASS
Band4	1312	5	4.35	13	PASS
Band4	1413	5	4.58	13	PASS
Band4	1513	5	4.35	13	PASS

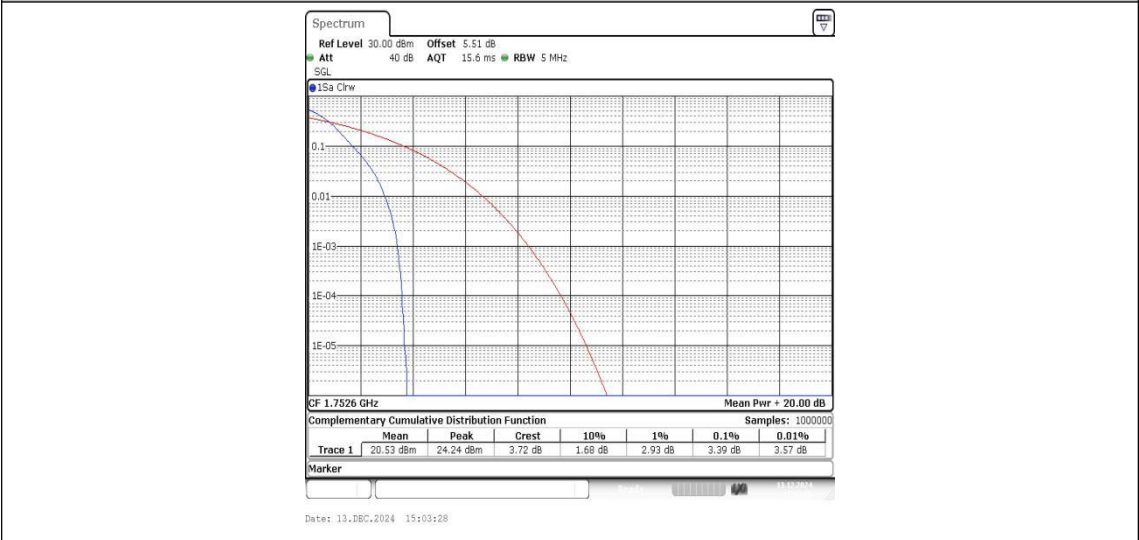
Test Graphs

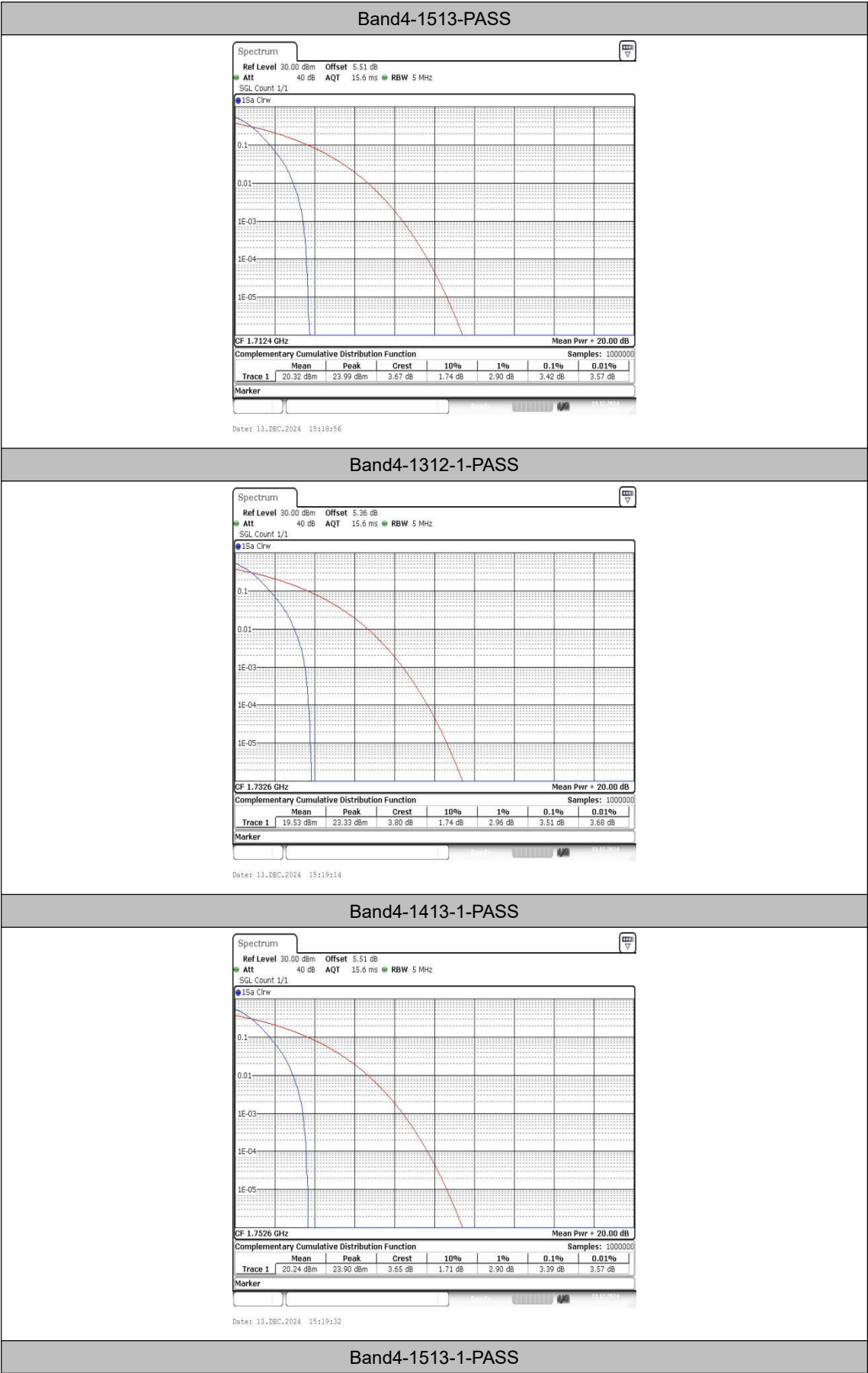


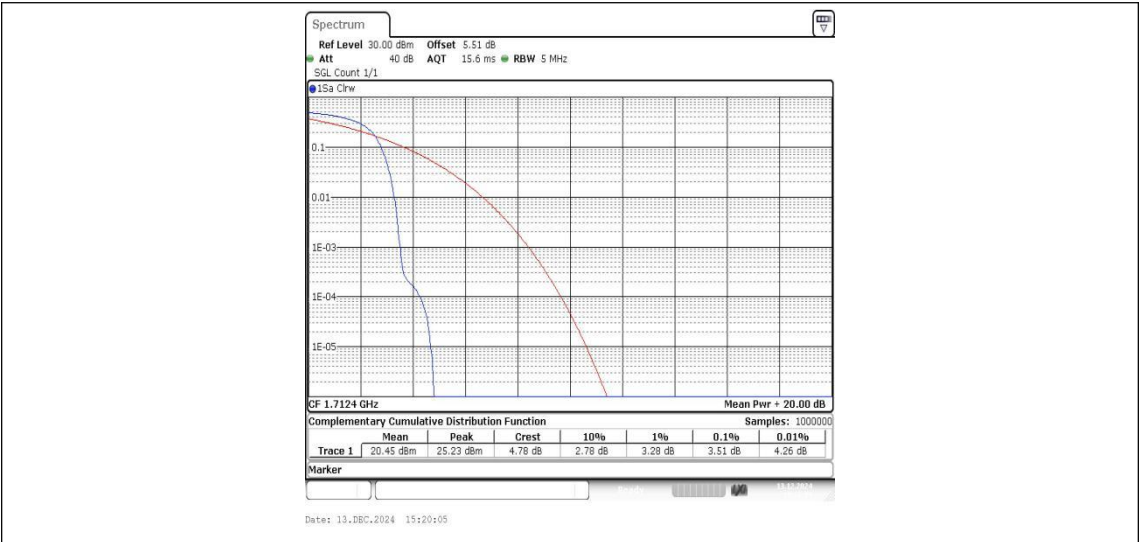
Band4-1312-PASS



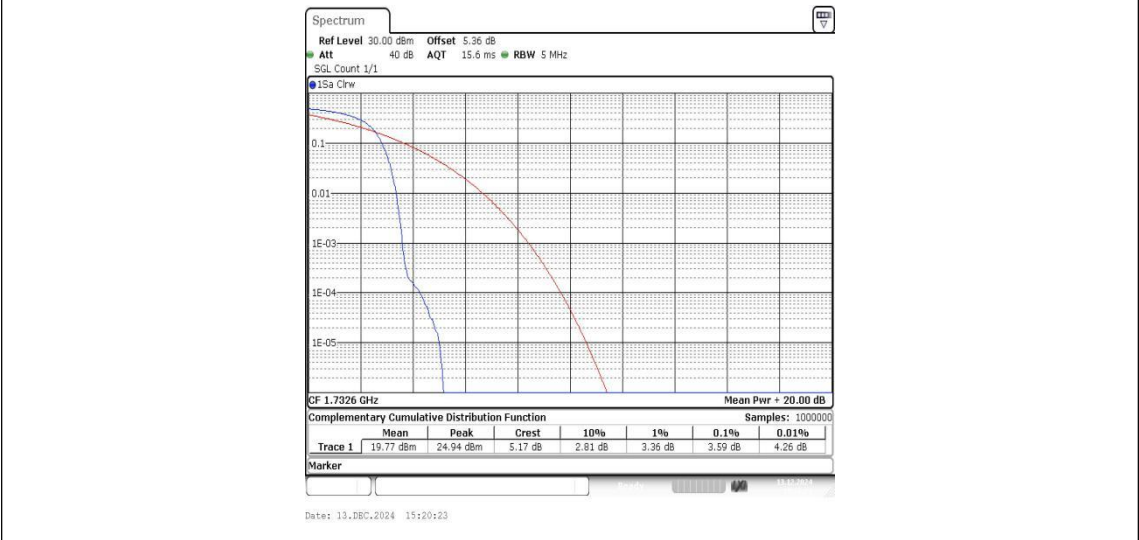
Band4-1413-PASS



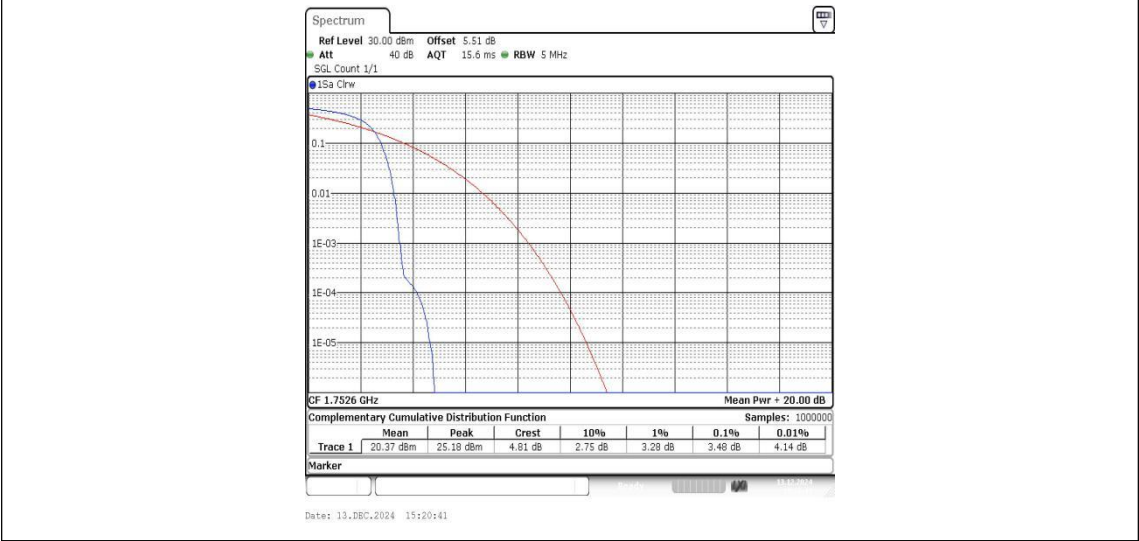




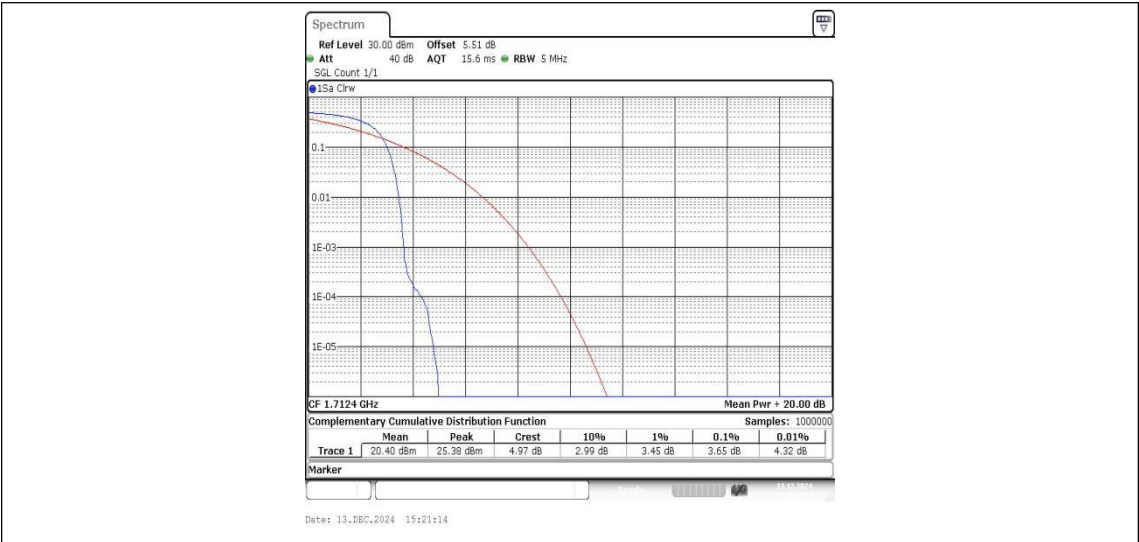
Band4-1312-2-PASS



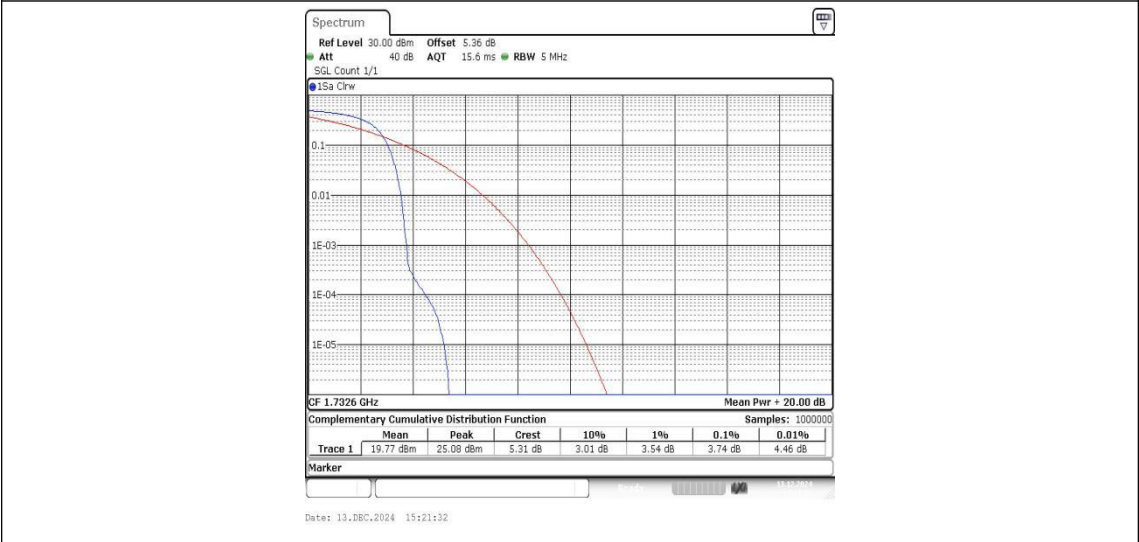
Band4-1413-2-PASS



Band4-1513-2-PASS



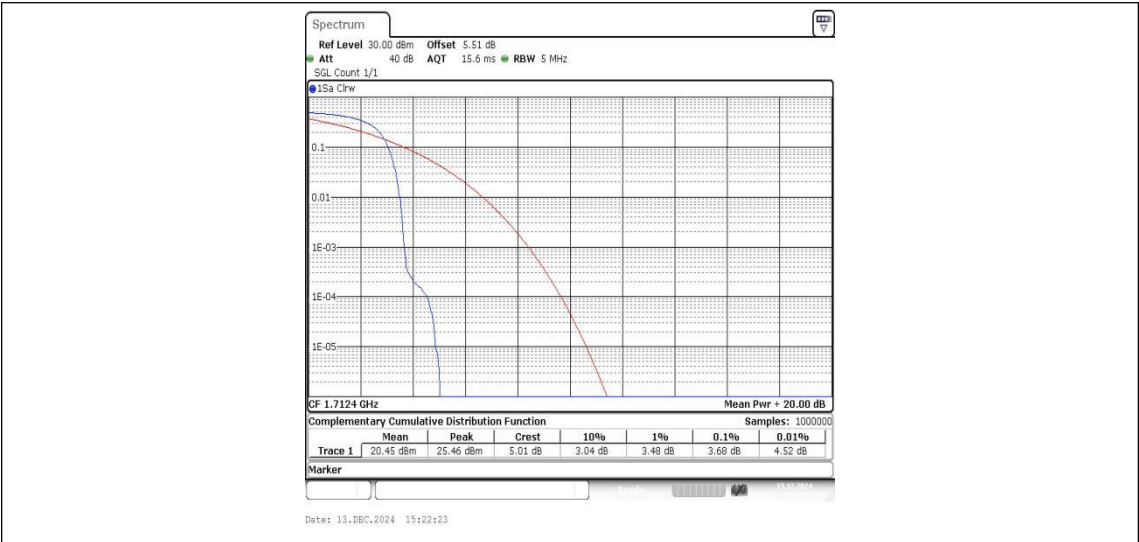
Band4-1312-3-PASS



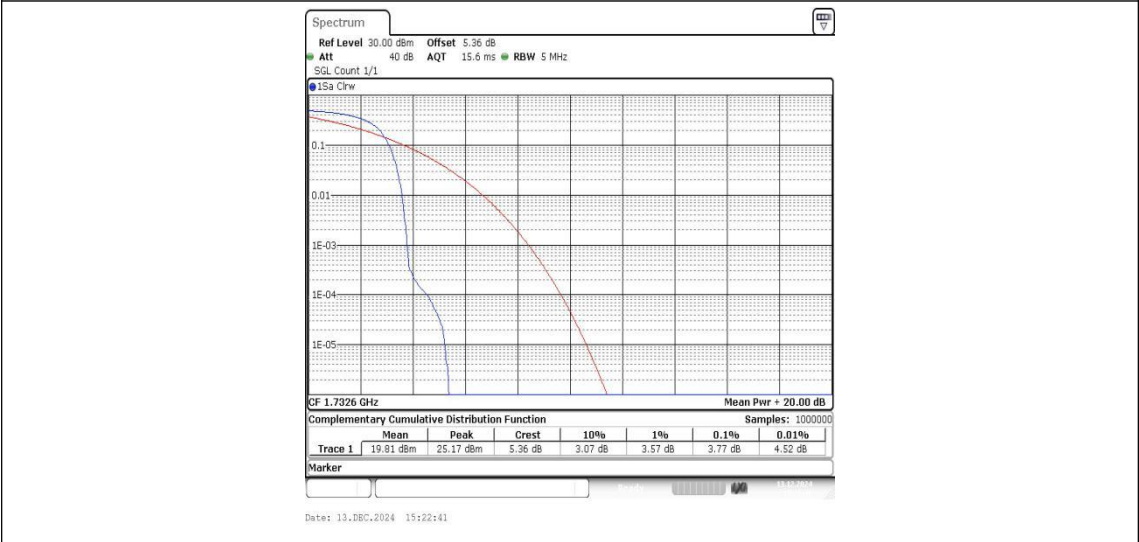
Band4-1413-3-PASS



Band4-1513-3-PASS



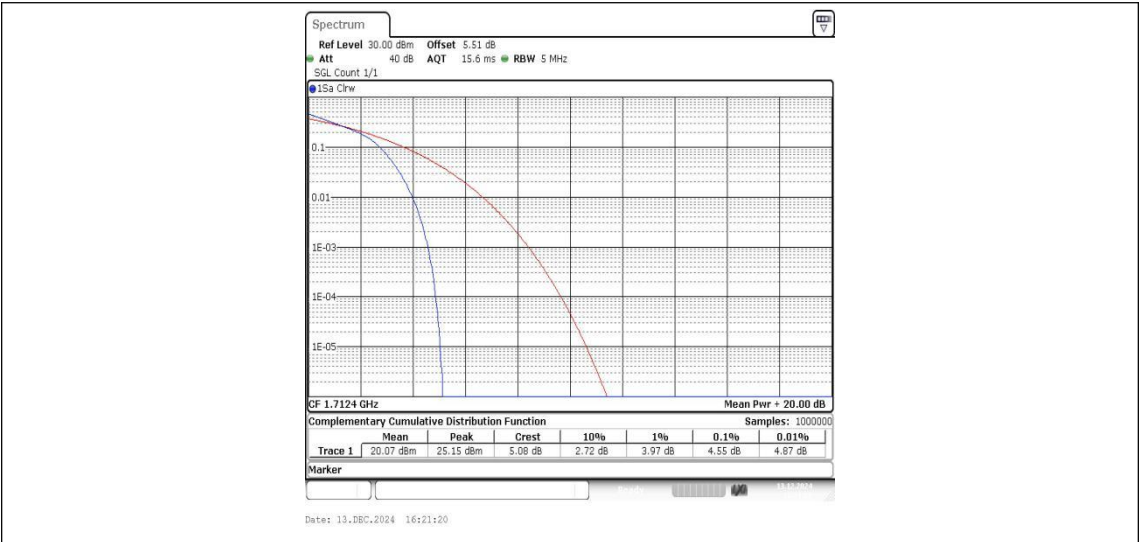
Band4-1312-4-PASS



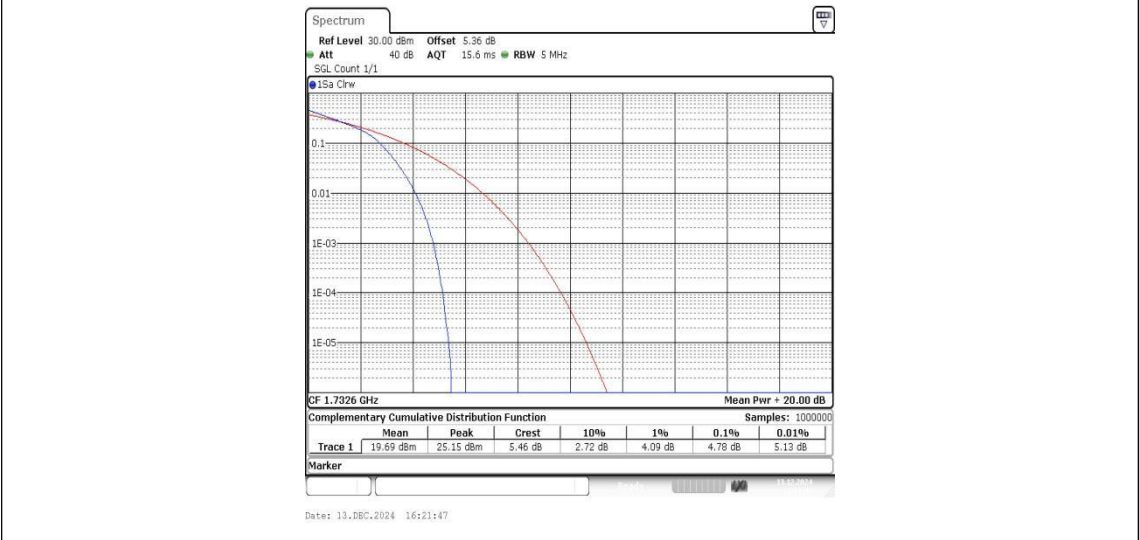
Band4-1413-4-PASS



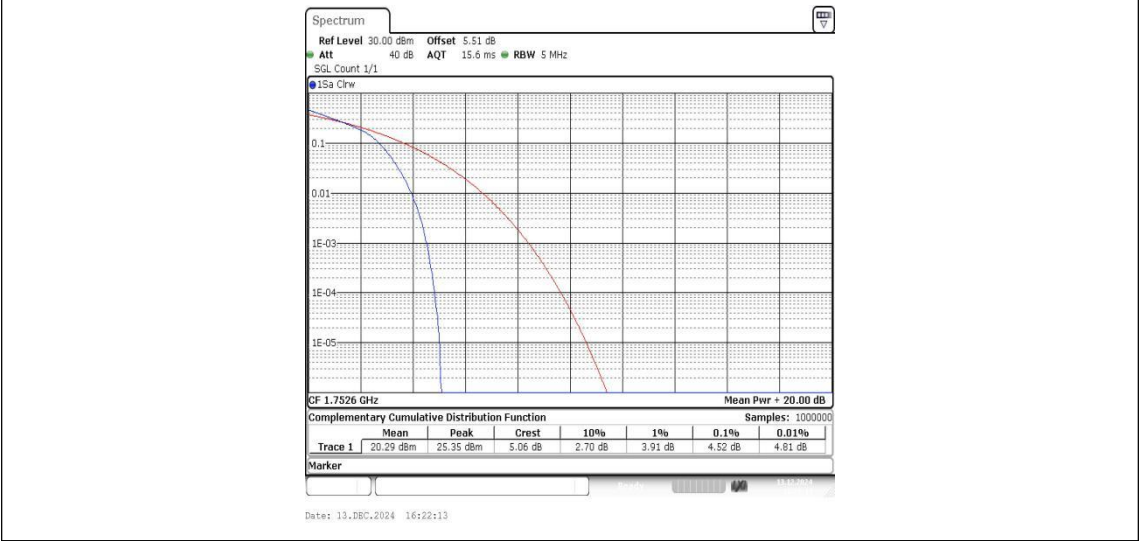
Band4-1513-4-PASS



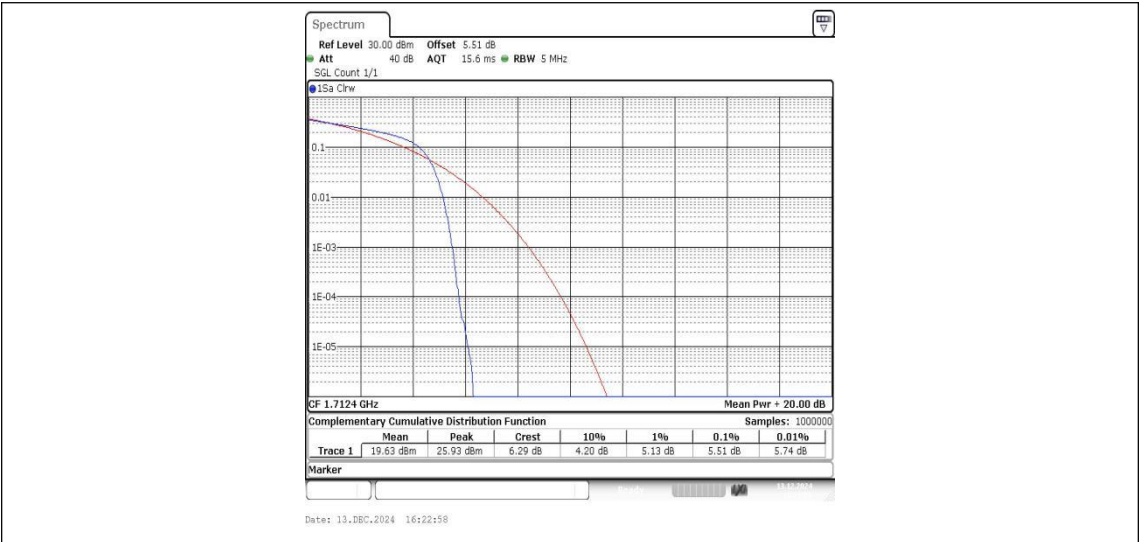
Band4-1312-1-PASS



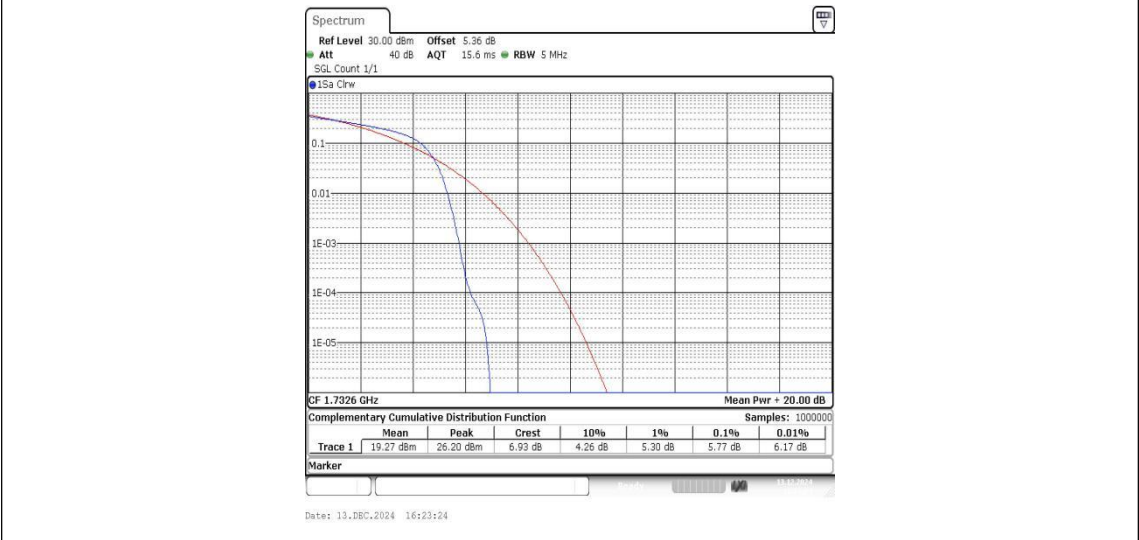
Band4-1413-1-PASS



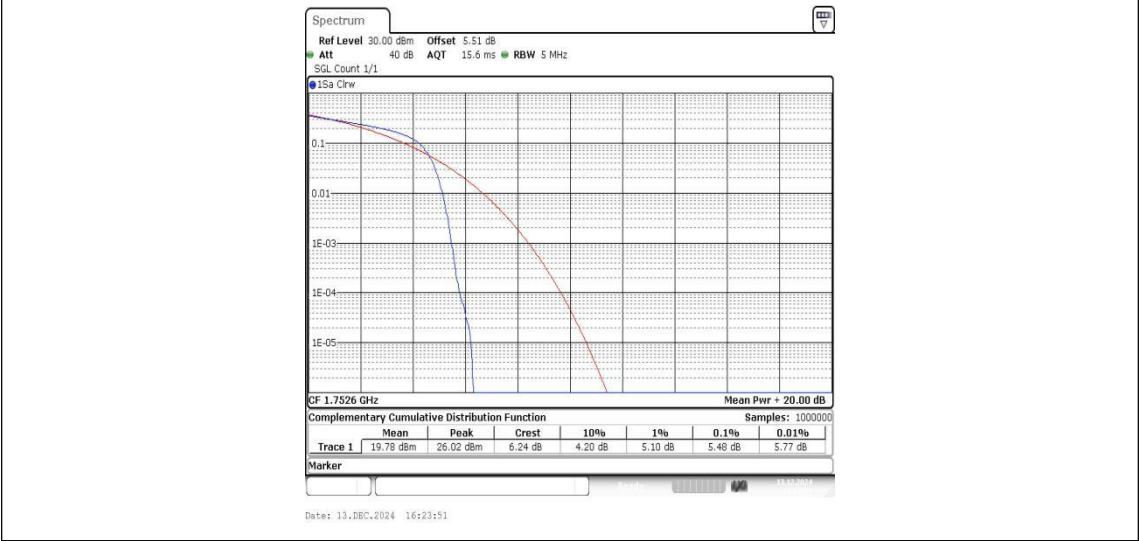
Band4-1513-1-PASS



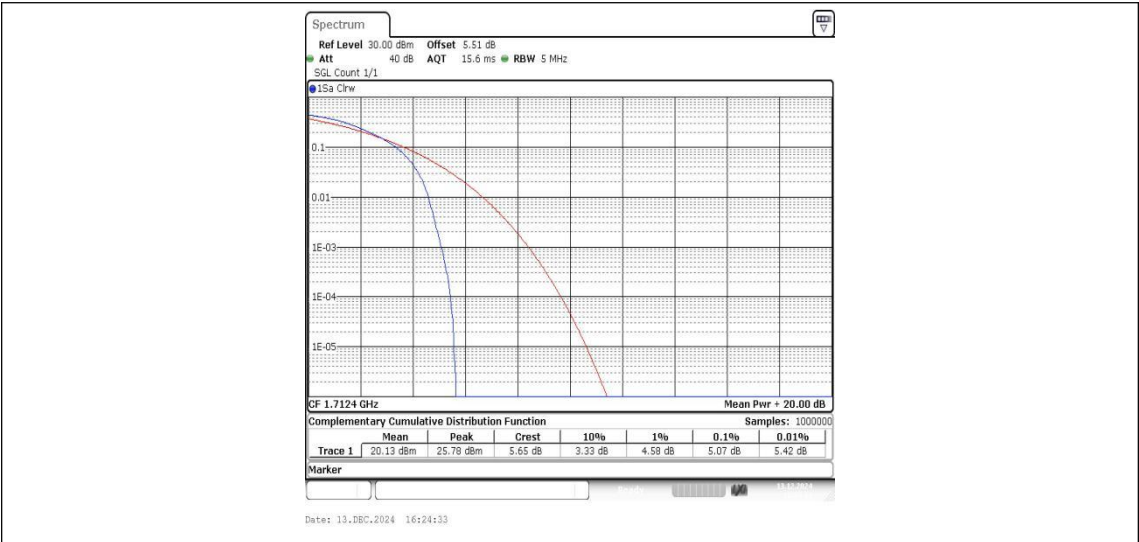
Band4-1312-2-PASS



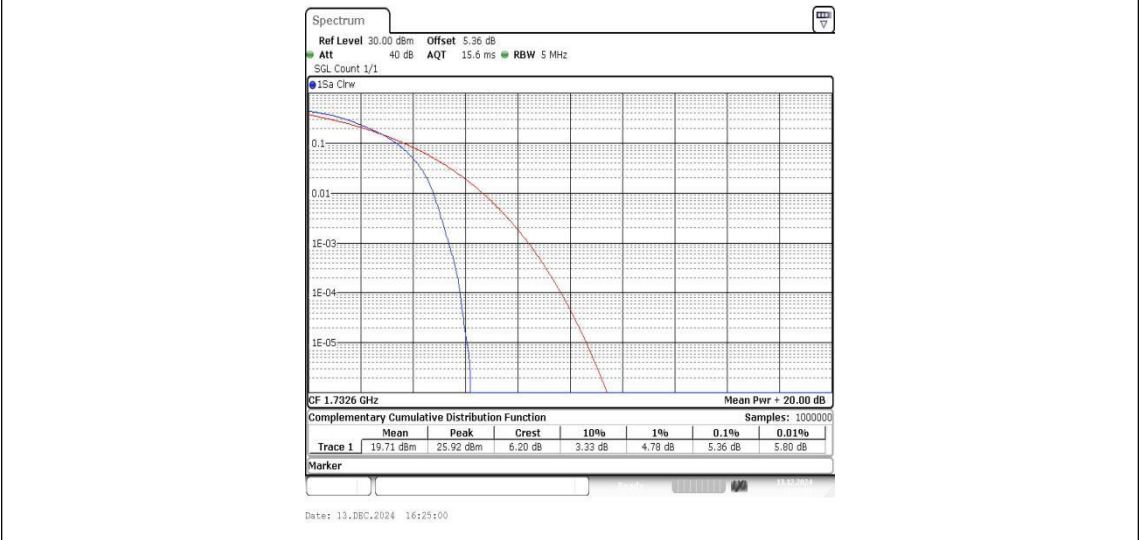
Band4-1413-2-PASS



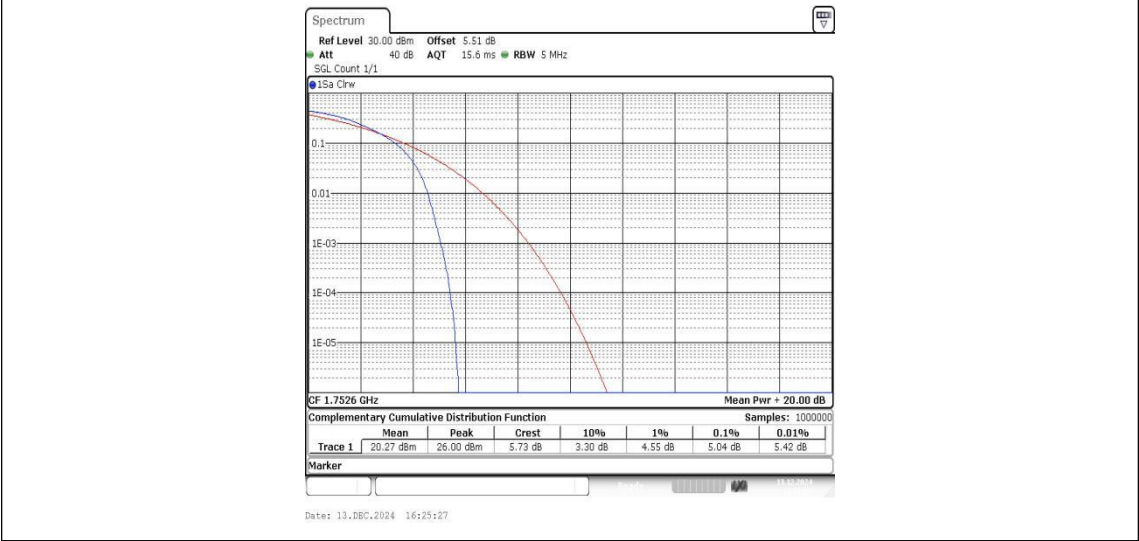
Band4-1513-2-PASS



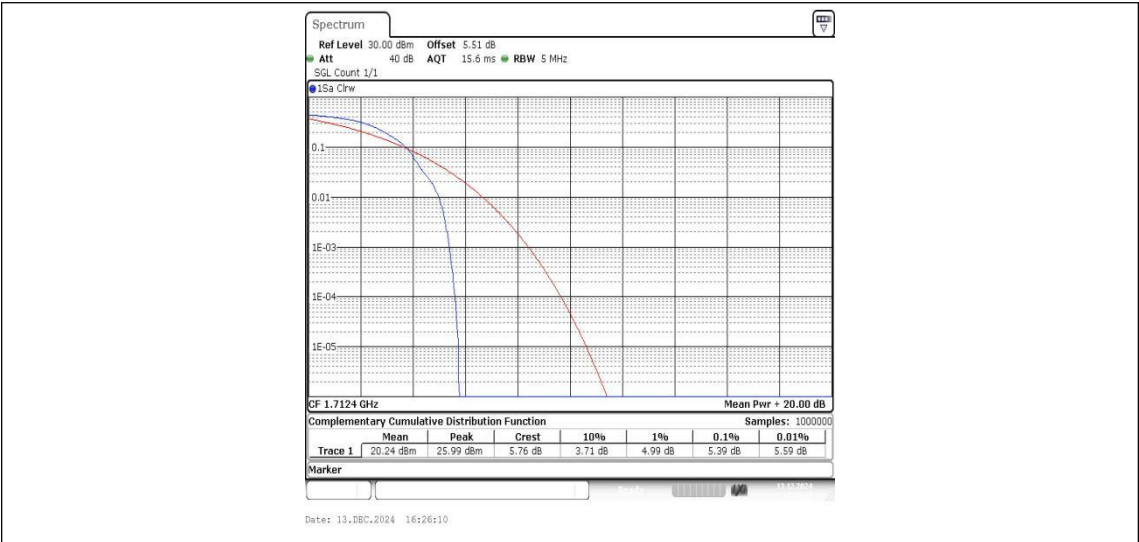
Band4-1312-3-PASS



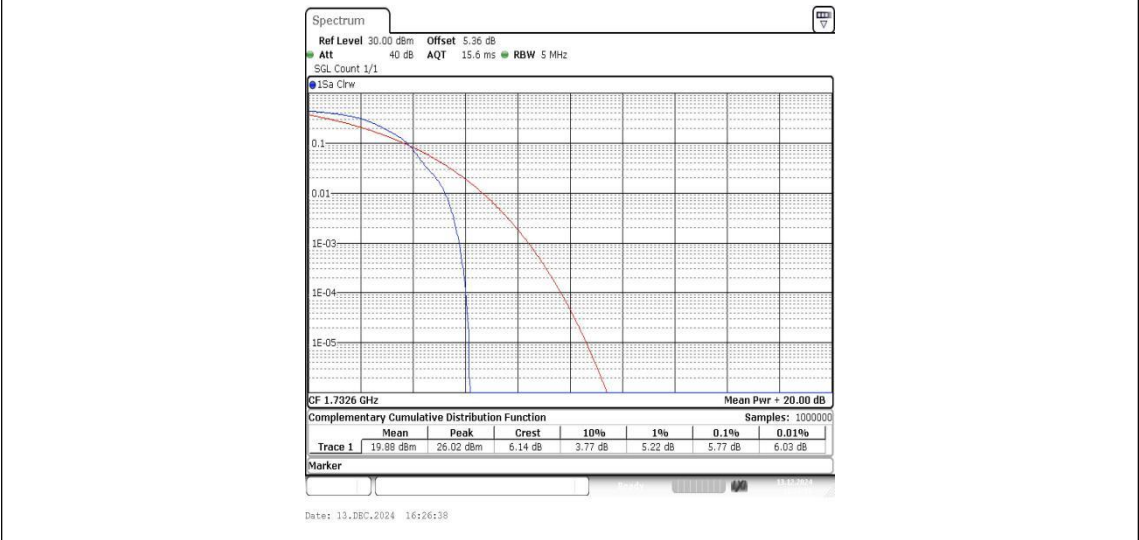
Band4-1413-3-PASS



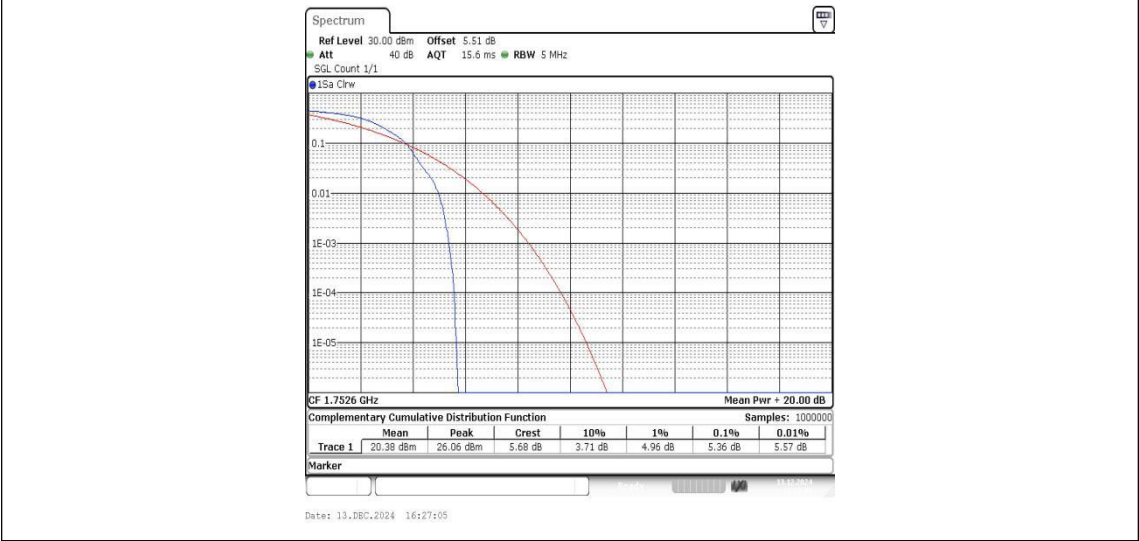
Band4-1513-3-PASS



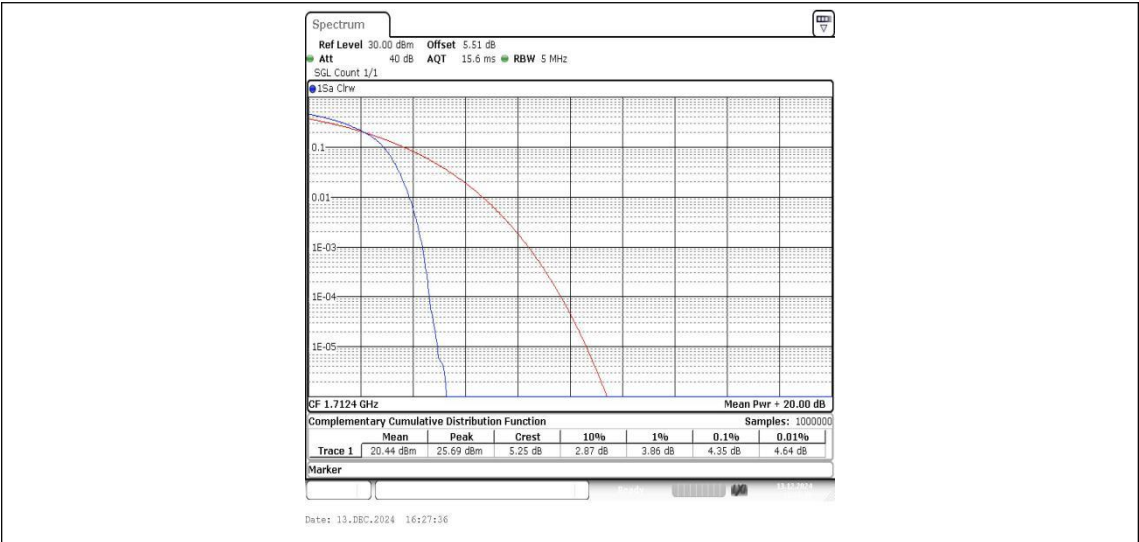
Band4-1312-4-PASS



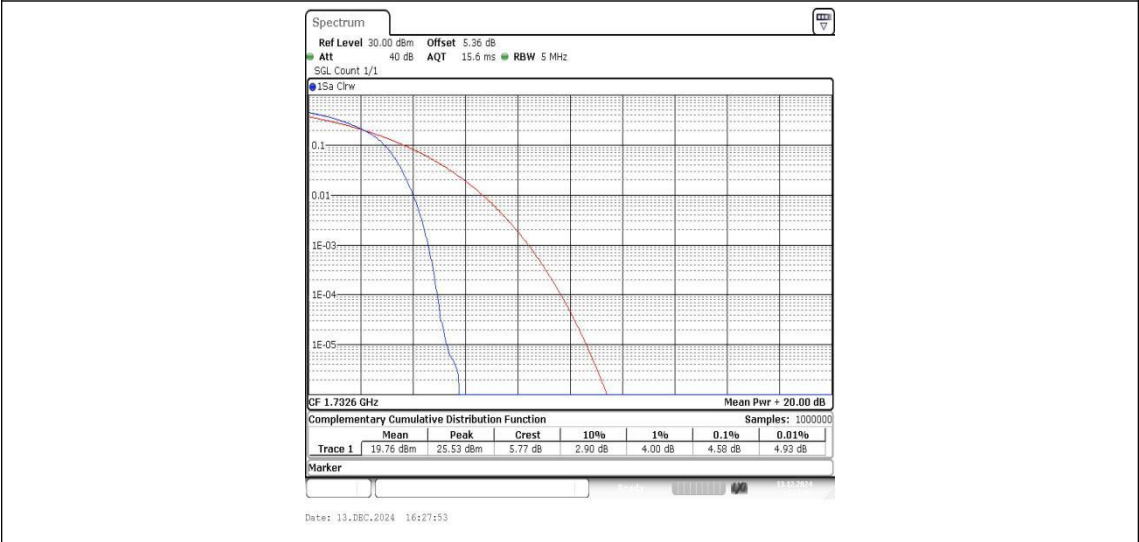
Band4-1413-4-PASS



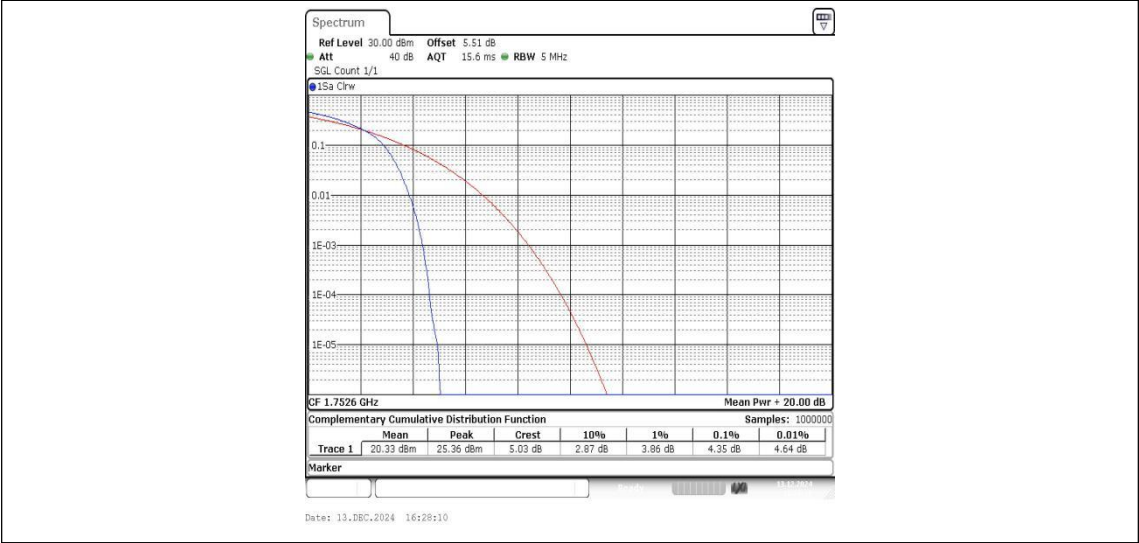
Band4-1513-4-PASS



Band4-1312-5-PASS



Band4-1413-5-PASS



Band4-1513-5-PASS

AppendixC:26dB Bandwidth andOccupied Bandwidth

Test Result

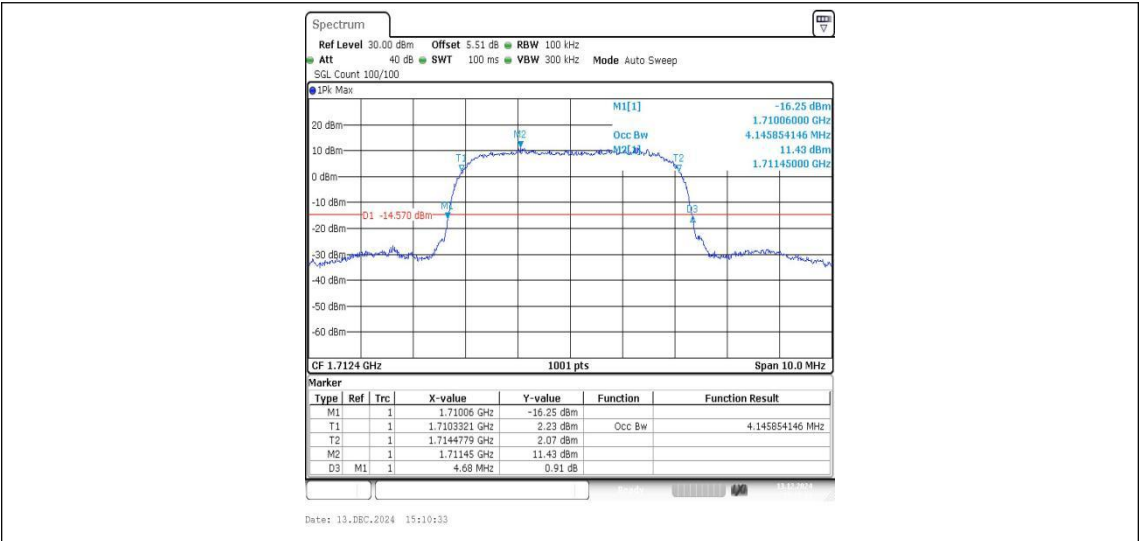
Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(MHz)	Verdict
Band4	1312	4.146	4.68	---	PASS
Band4	1413	4.156	4.66	---	PASS
Band4	1513	4.156	4.66	---	PASS

Band	Channel	SubTest	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(MHz)	Verdict
Band4	1312	1	4.136	4.68	---	PASS
Band4	1413	1	4.146	4.69	---	PASS
Band4	1513	1	4.146	4.69	---	PASS
Band4	1312	2	4.156	4.69	---	PASS
Band4	1413	2	4.156	4.69	---	PASS
Band4	1513	2	4.156	4.68	---	PASS
Band4	1312	3	4.156	4.71	---	PASS
Band4	1413	3	4.166	4.70	---	PASS
Band4	1513	3	4.156	4.71	---	PASS
Band4	1312	4	4.146	4.72	---	PASS
Band4	1413	4	4.156	4.70	---	PASS
Band4	1513	4	4.156	4.70	---	PASS

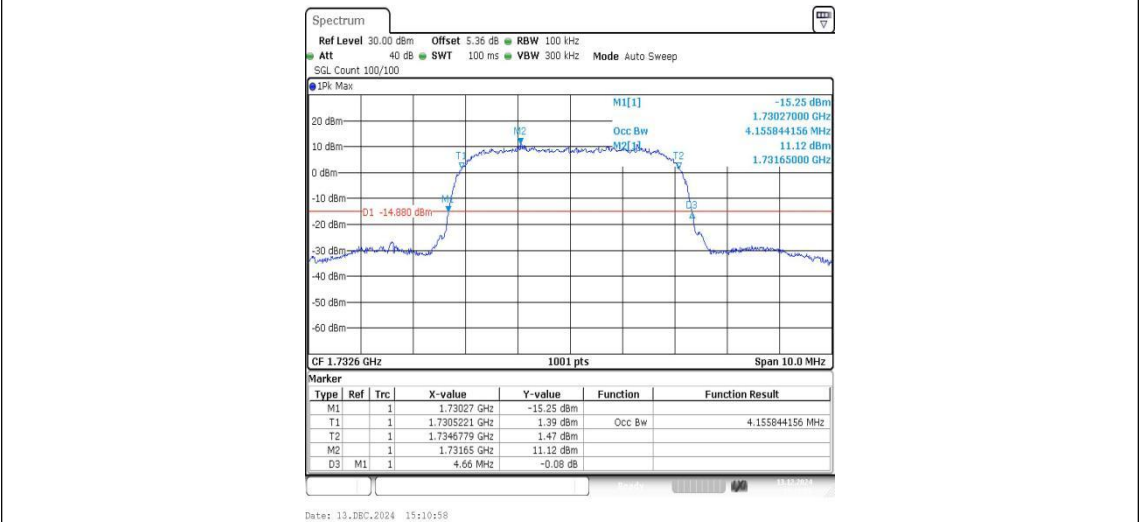
Band	Channel	SubTest	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(MHz)	Verdict
Band4	1312	1	4.166	4.69	---	PASS
Band4	1413	1	4.176	4.69	---	PASS
Band4	1513	1	4.166	4.69	---	PASS
Band4	1312	2	4.166	4.70	---	PASS
Band4	1413	2	4.176	4.71	---	PASS
Band4	1513	2	4.176	4.71	---	PASS
Band4	1312	3	4.176	4.70	---	PASS
Band4	1413	3	4.176	4.70	---	PASS
Band4	1513	3	4.176	4.69	---	PASS
Band4	1312	4	4.176	4.72	---	PASS
Band4	1413	4	4.186	4.71	---	PASS

Band4	1513	4	4.176	4.73	---	PASS
Band4	1312	5	4.156	4.68	---	PASS
Band4	1413	5	4.156	4.69	---	PASS
Band4	1513	5	4.146	4.70	---	PASS

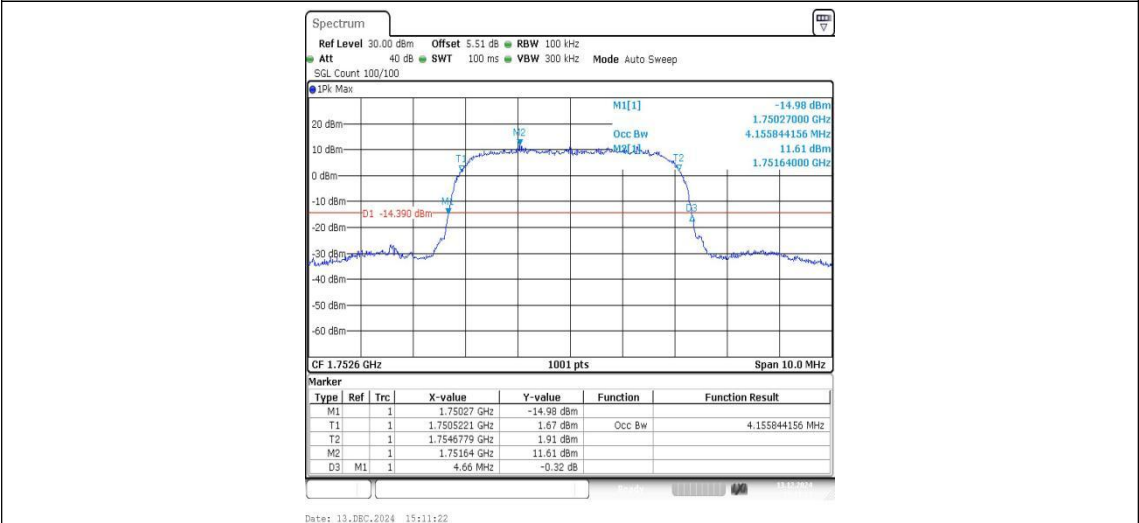
Test Graphs



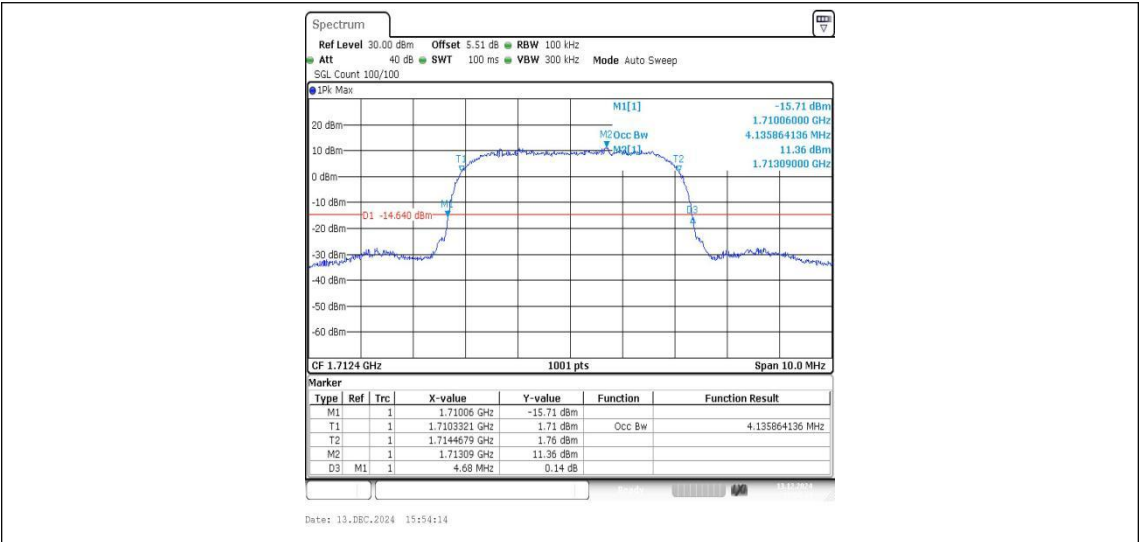
Band4-1312-PASS



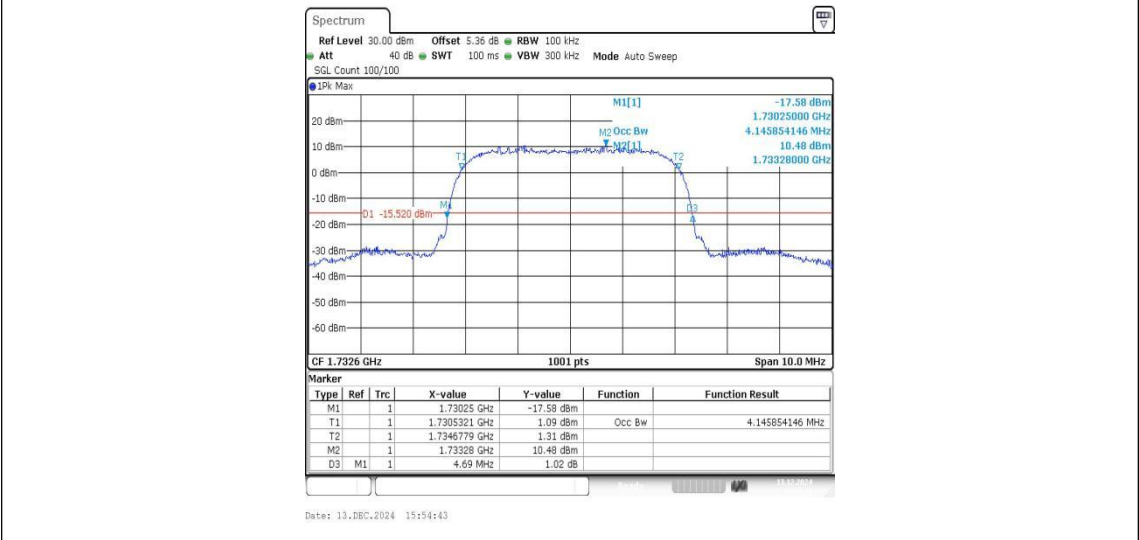
Band4-1413-PASS



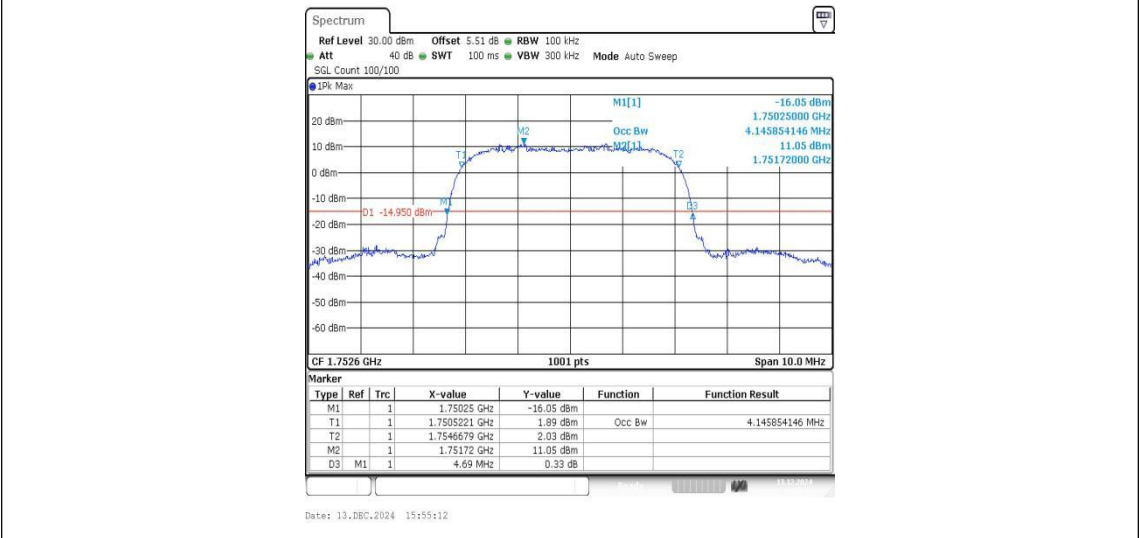
Band4-1513-PASS



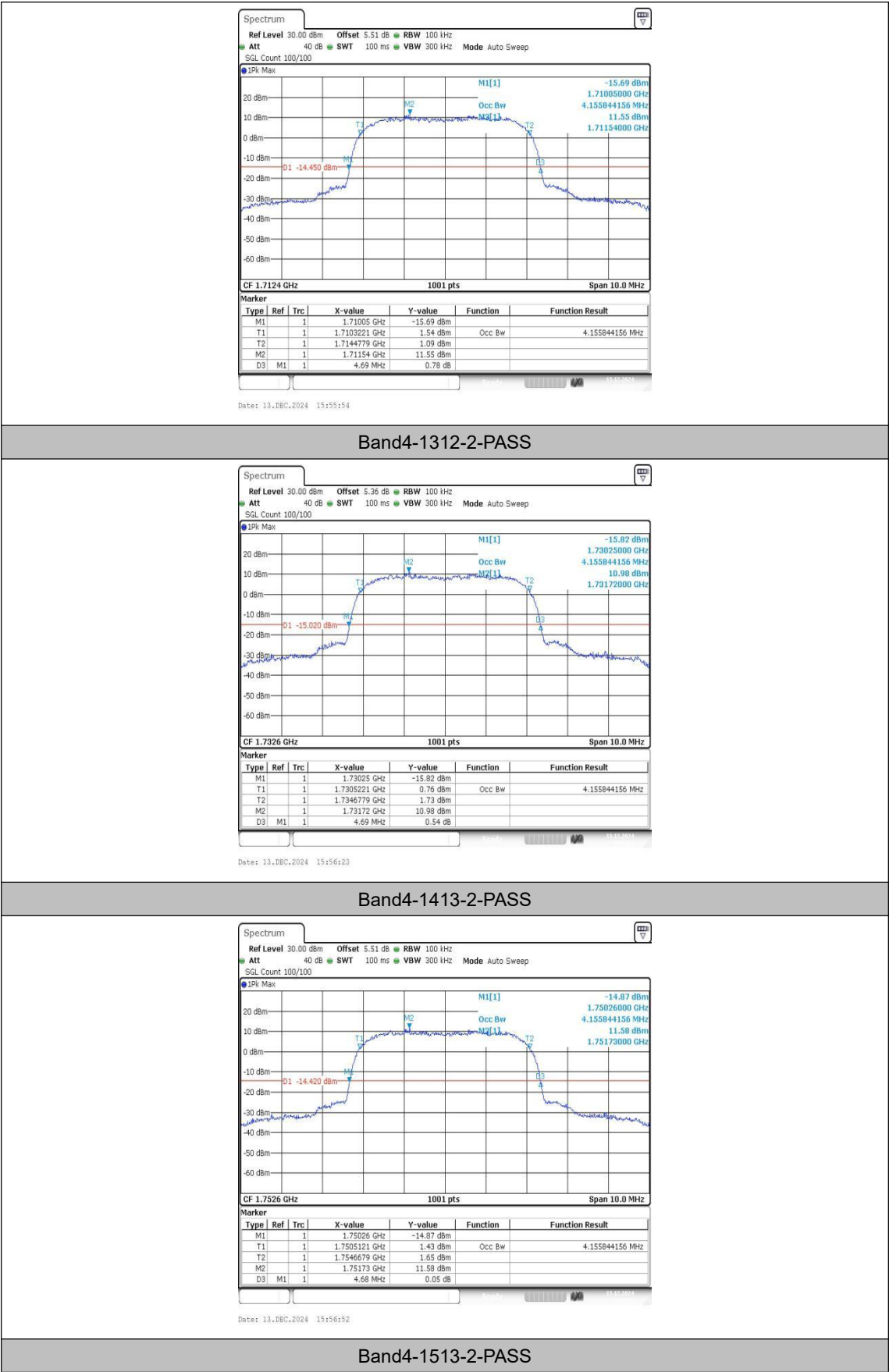
Band4-1312-1-PASS

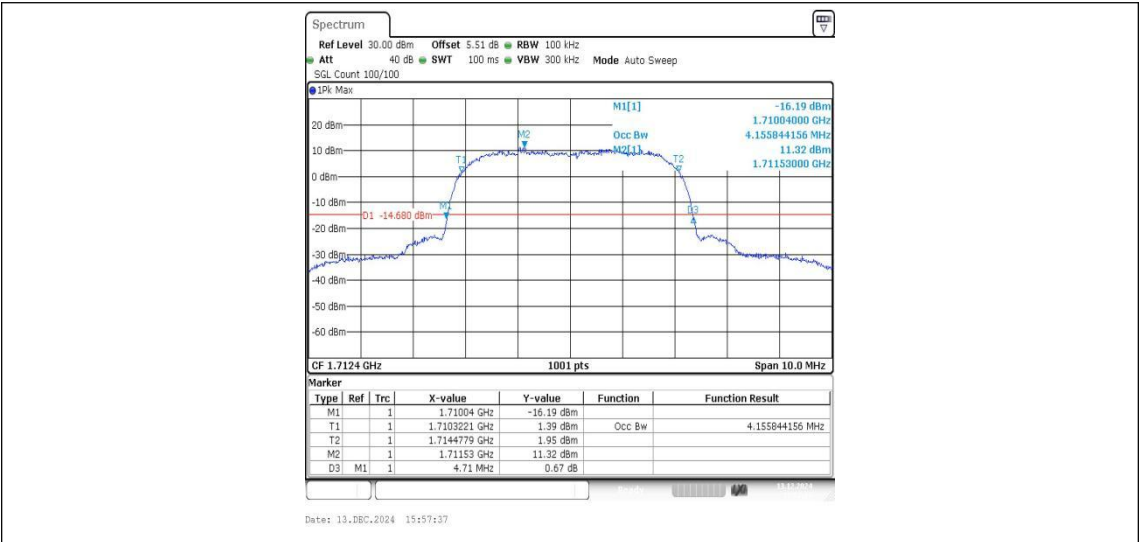


Band4-1413-1-PASS

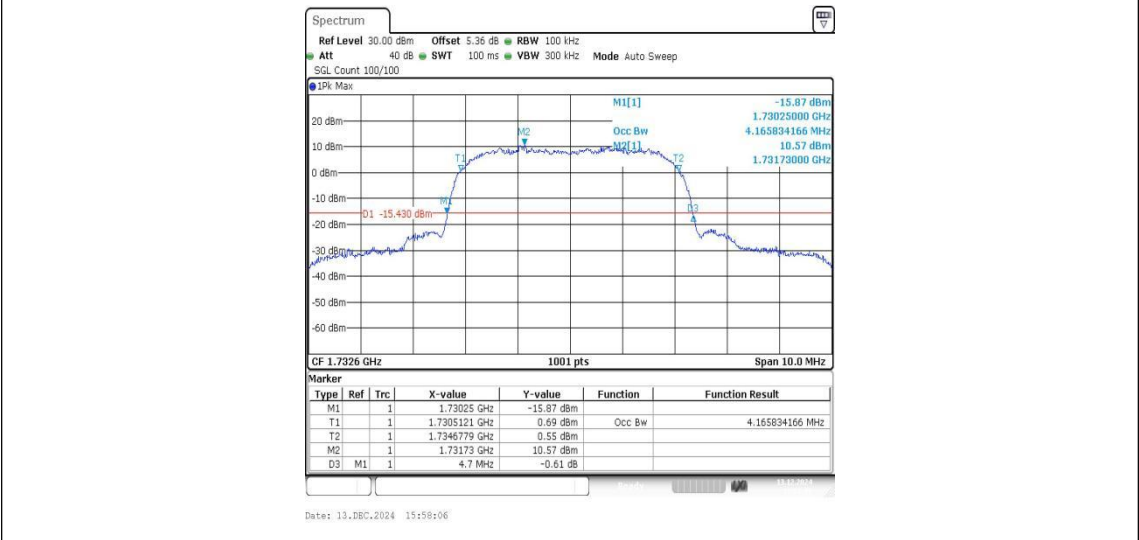


Band4-1513-1-PASS

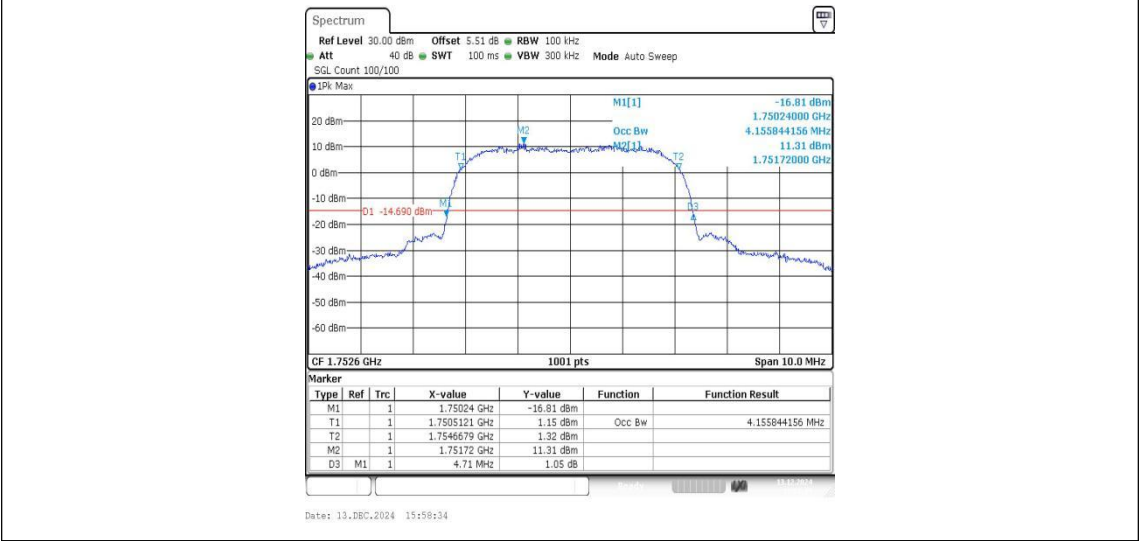




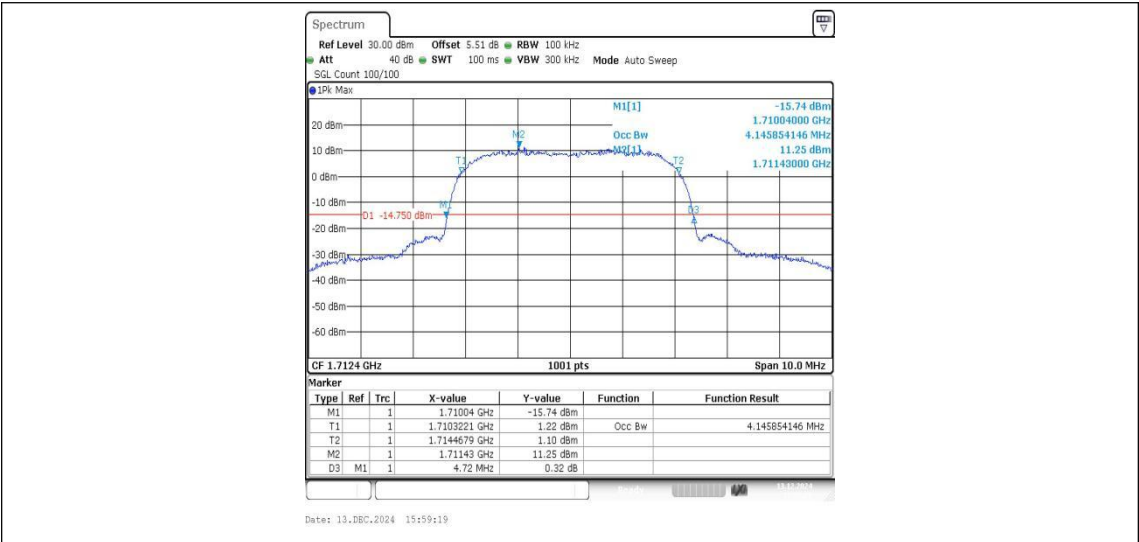
Band4-1312-3-PASS



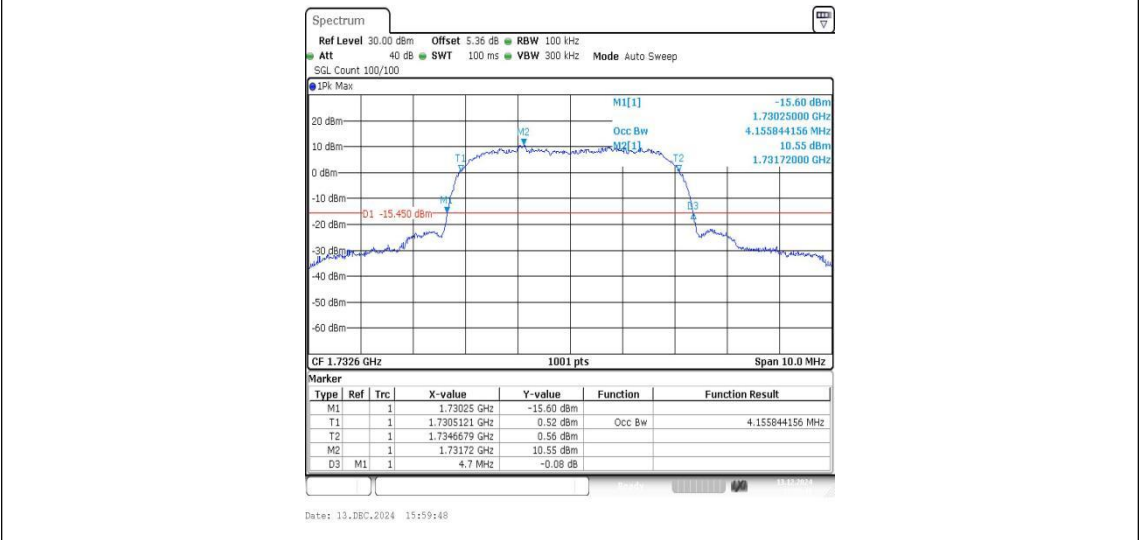
Band4-1413-3-PASS



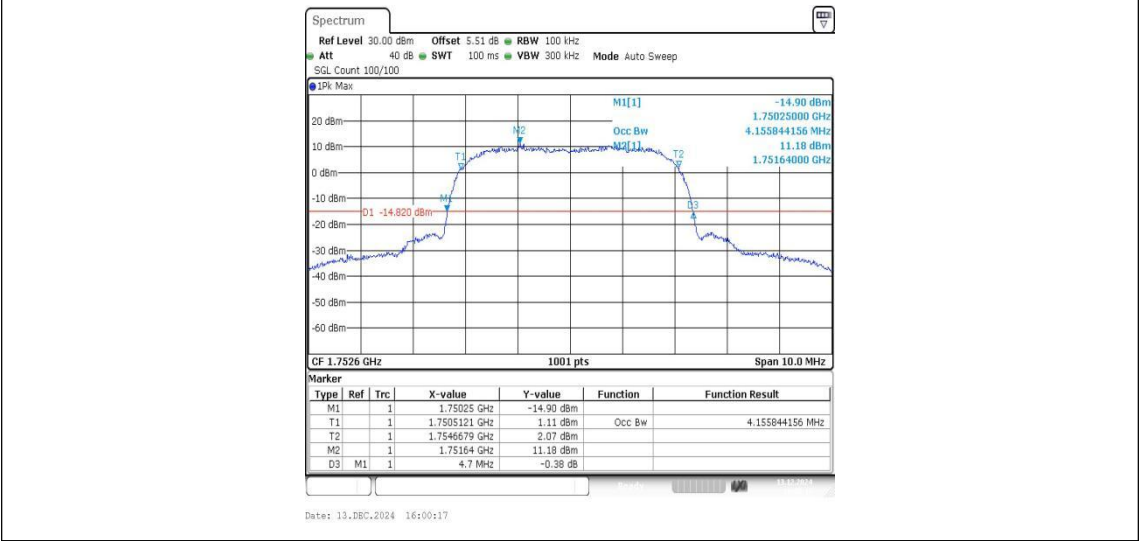
Band4-1513-3-PASS



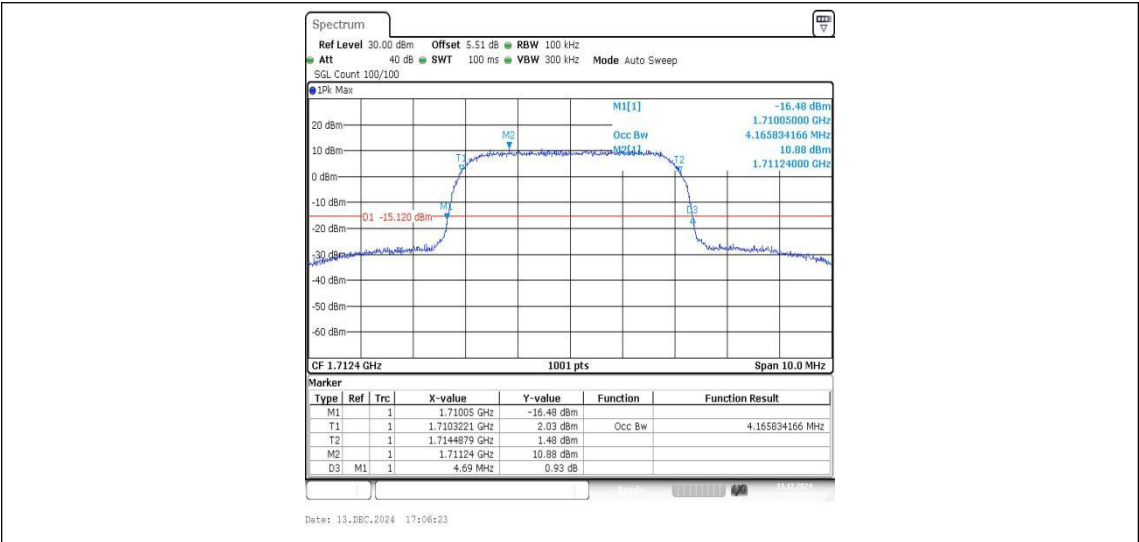
Band4-1312-4-PASS



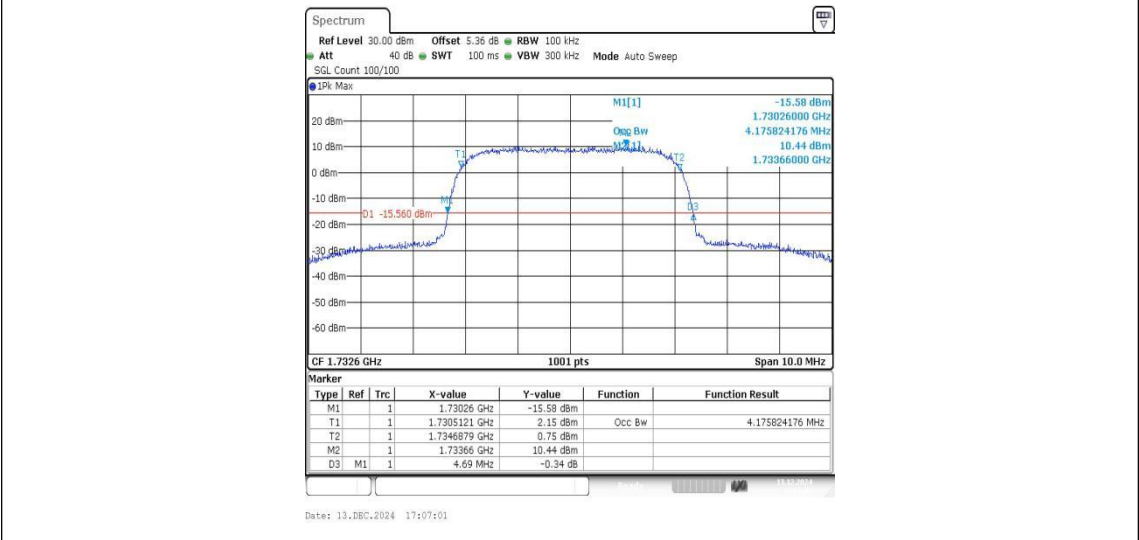
Band4-1413-4-PASS



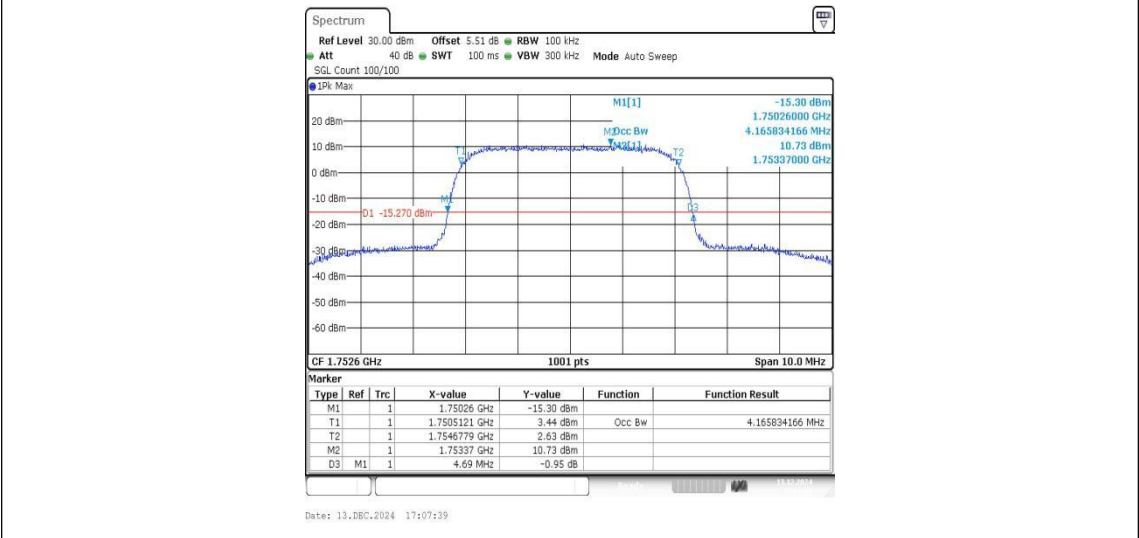
Band4-1513-4-PASS



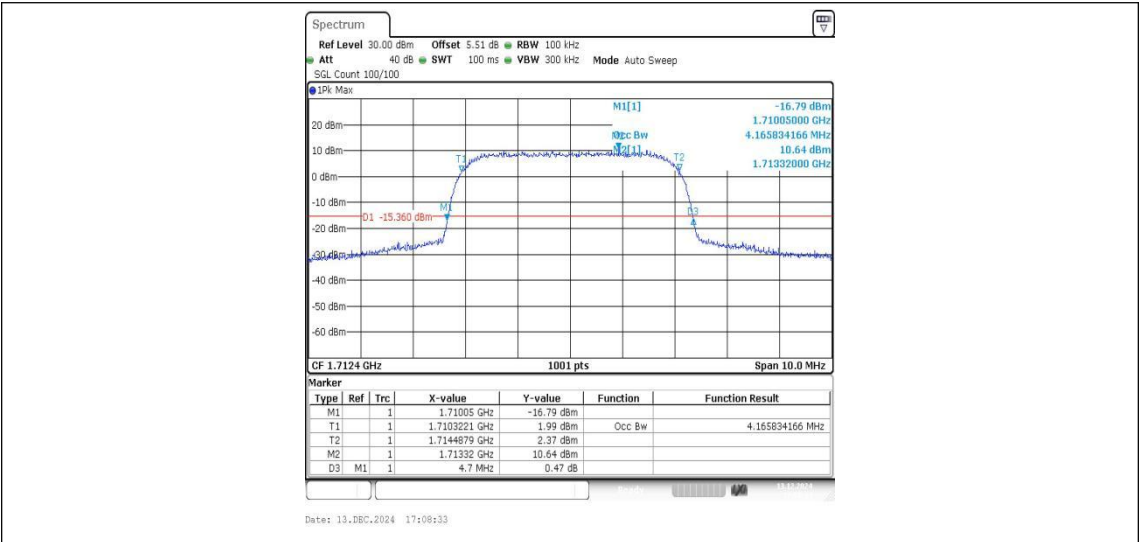
Band4-1312-1-PASS



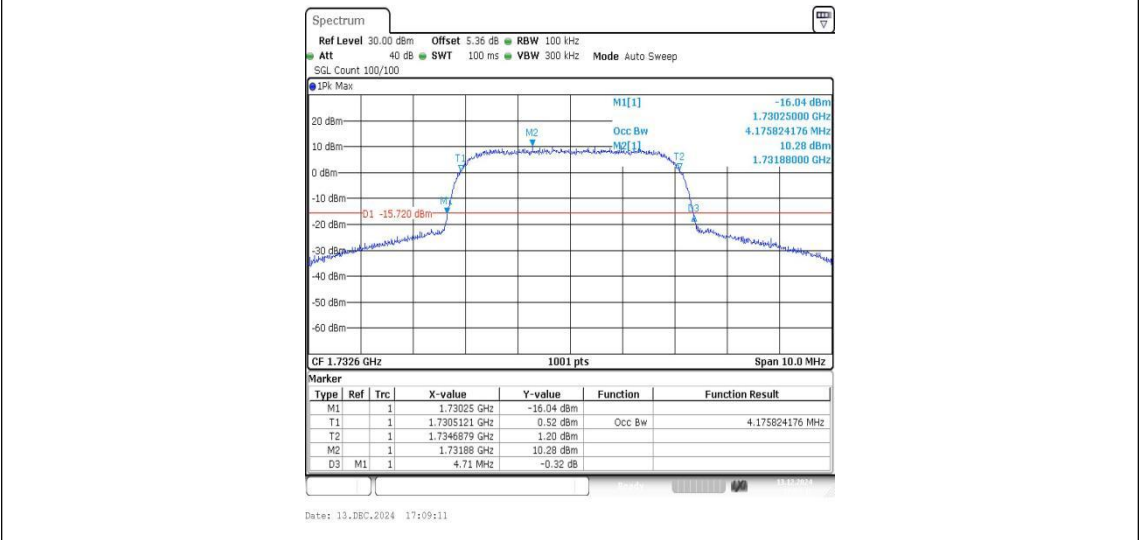
Band4-1413-1-PASS



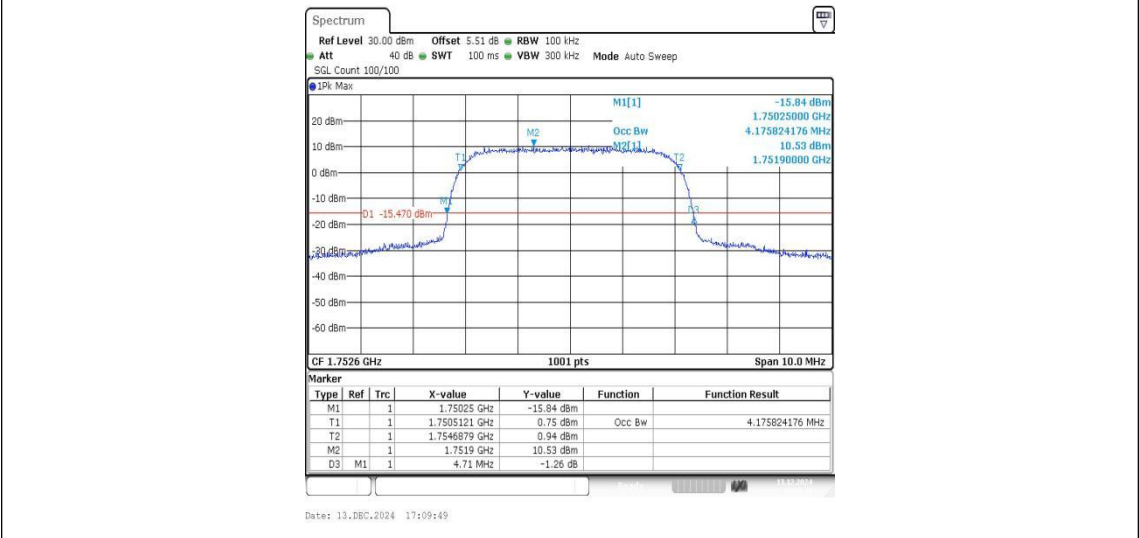
Band4-1513-1-PASS



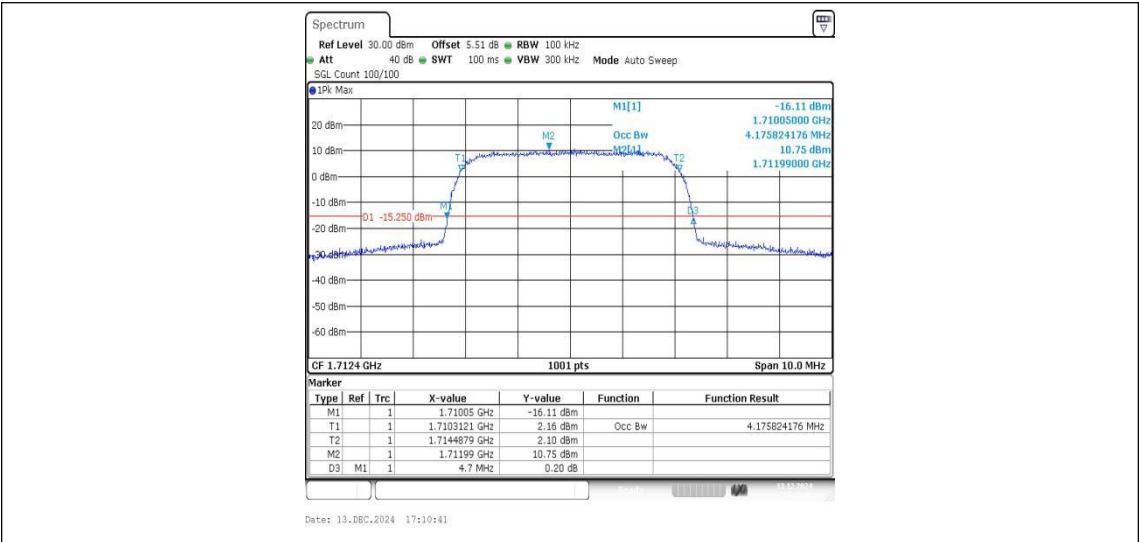
Band4-1312-2-PASS



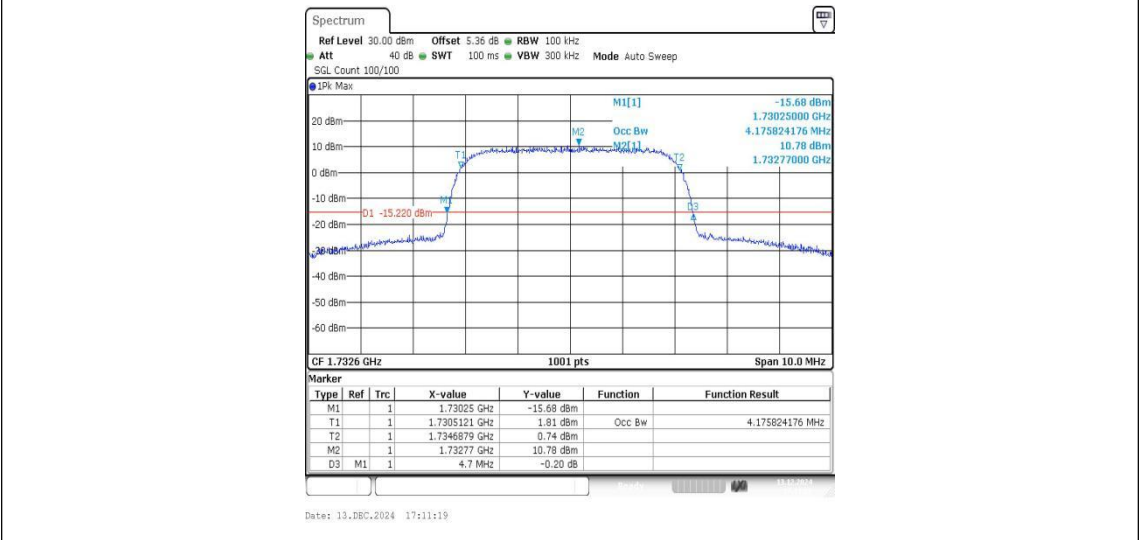
Band4-1413-2-PASS



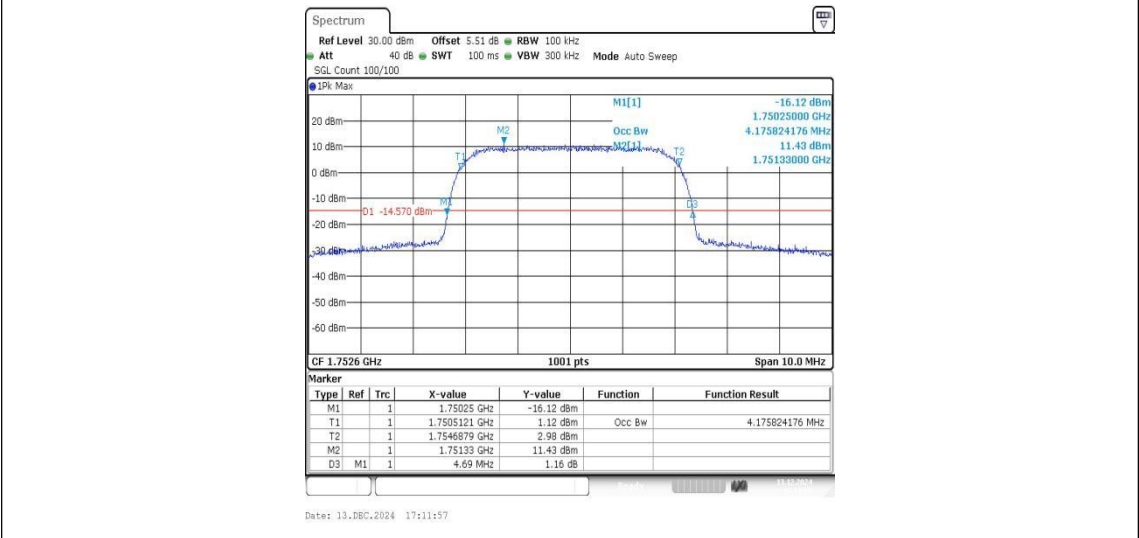
Band4-1513-2-PASS



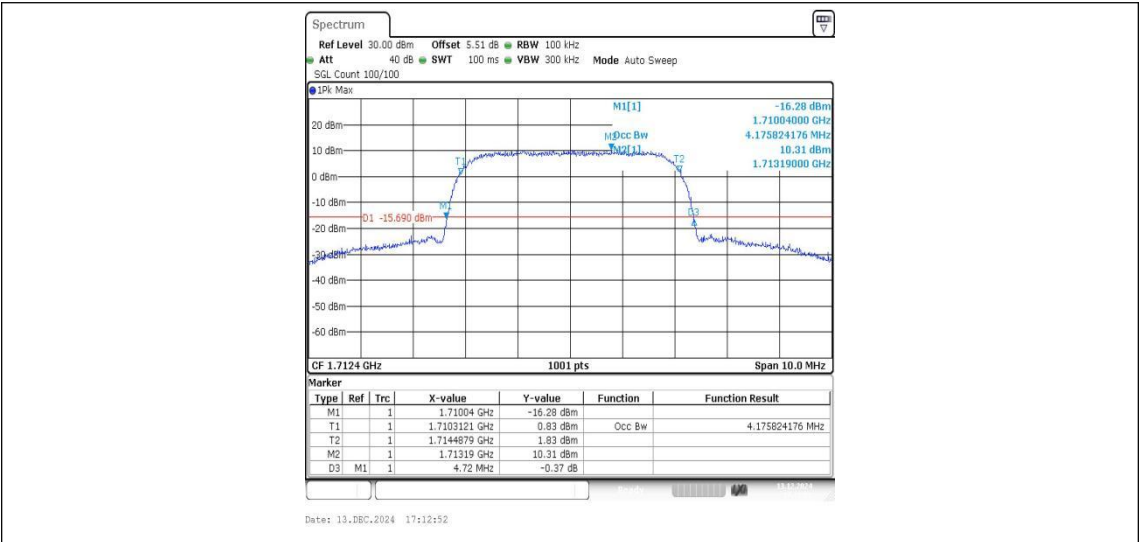
Band4-1312-3-PASS



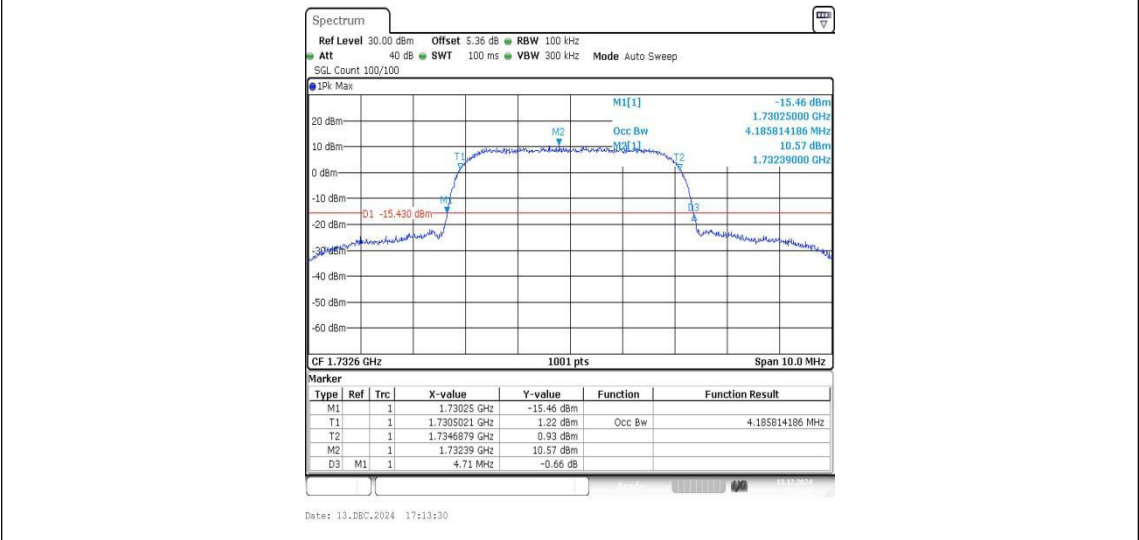
Band4-1413-3-PASS



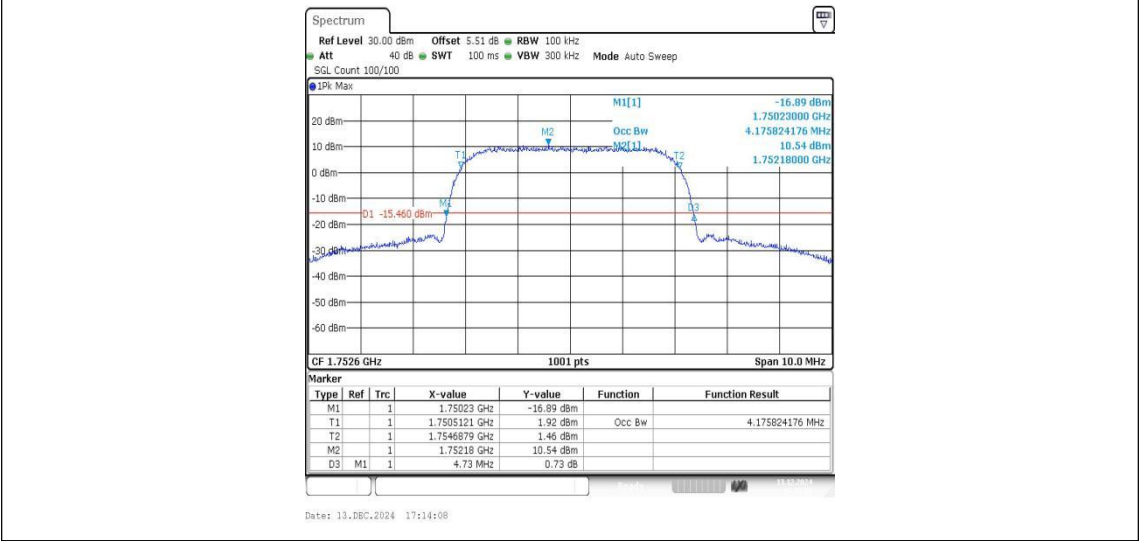
Band4-1513-3-PASS



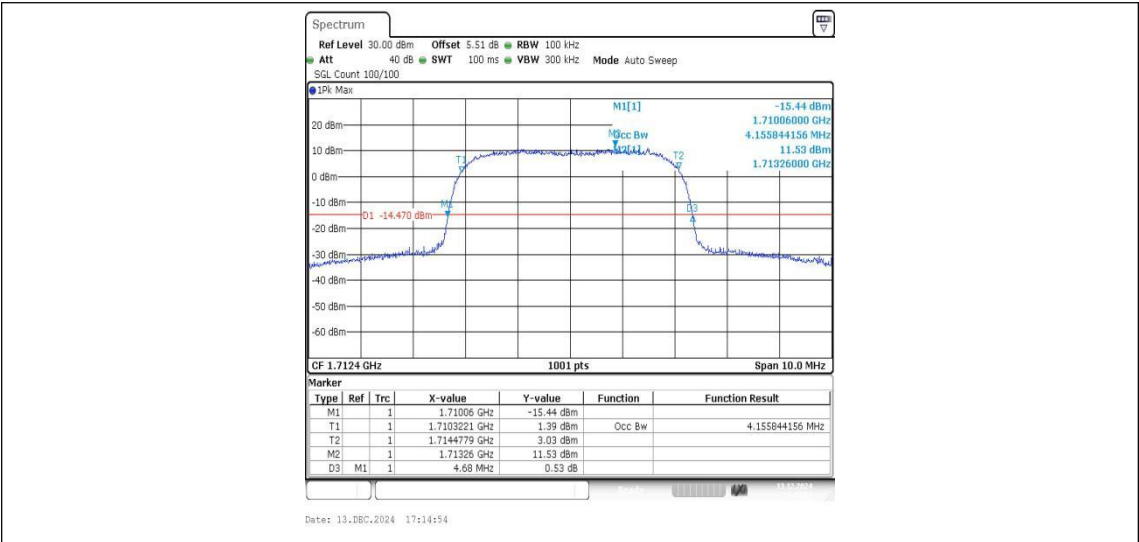
Band4-1312-4-PASS



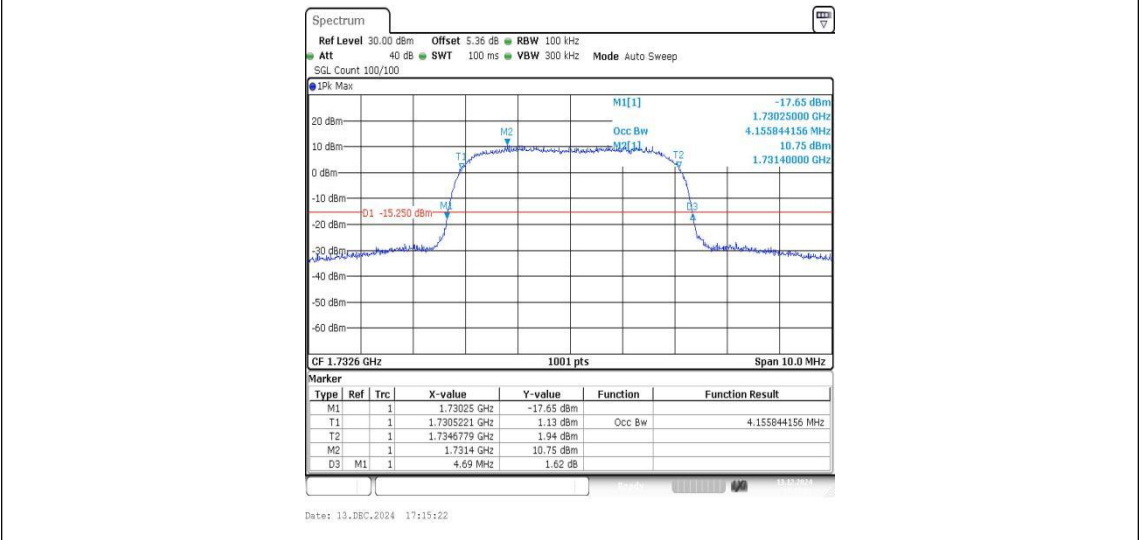
Band4-1413-4-PASS



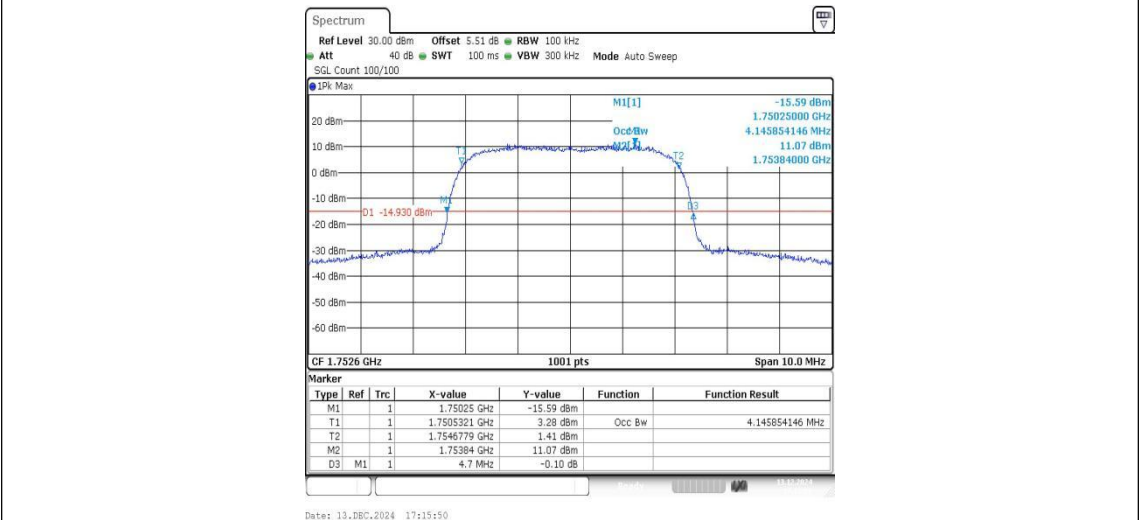
Band4-1513-4-PASS



Band4-1312-5-PASS



Band4-1413-5-PASS



Band4-1513-5-PASS

AppendixD:Band Edge

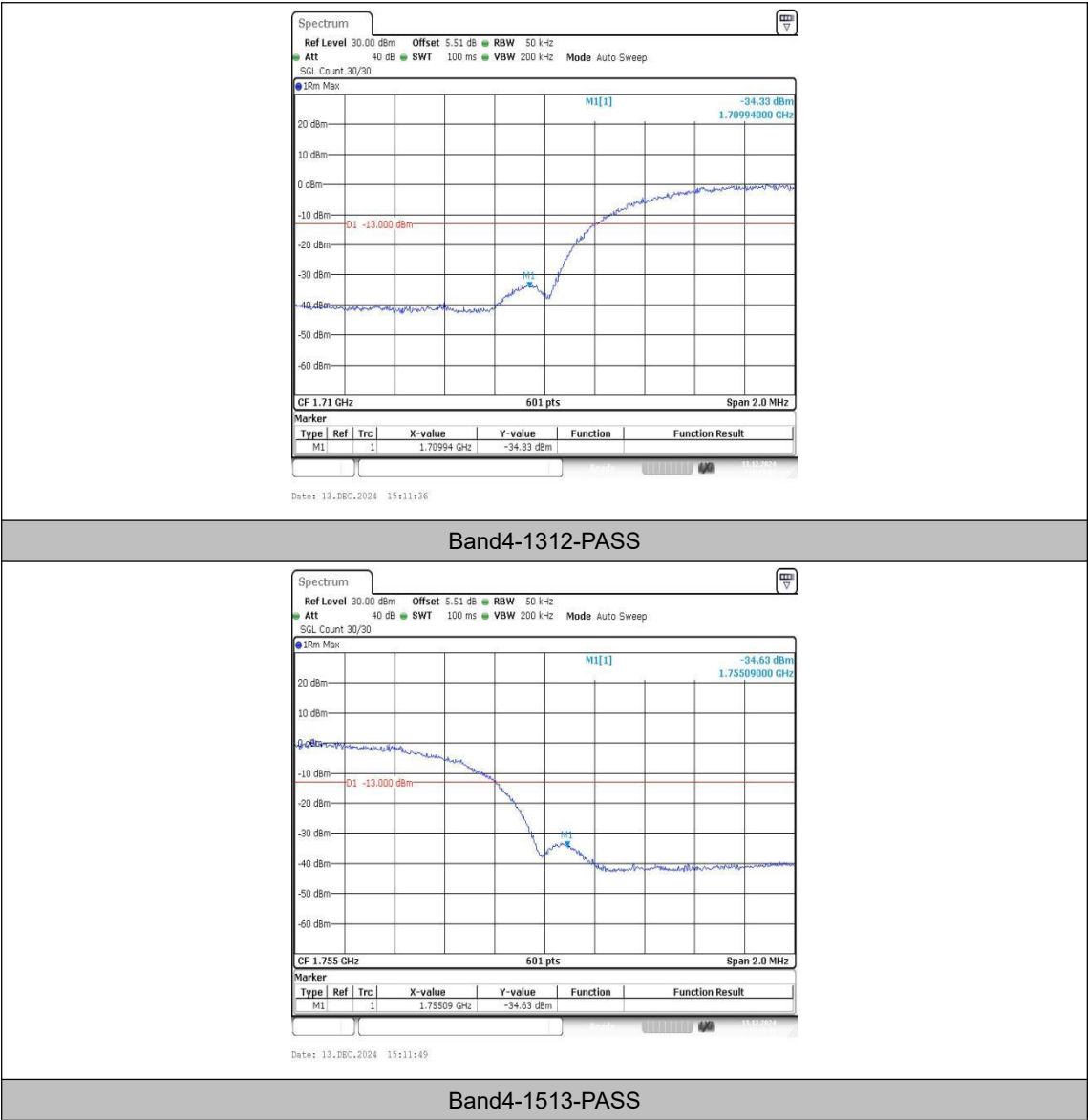
Test Result

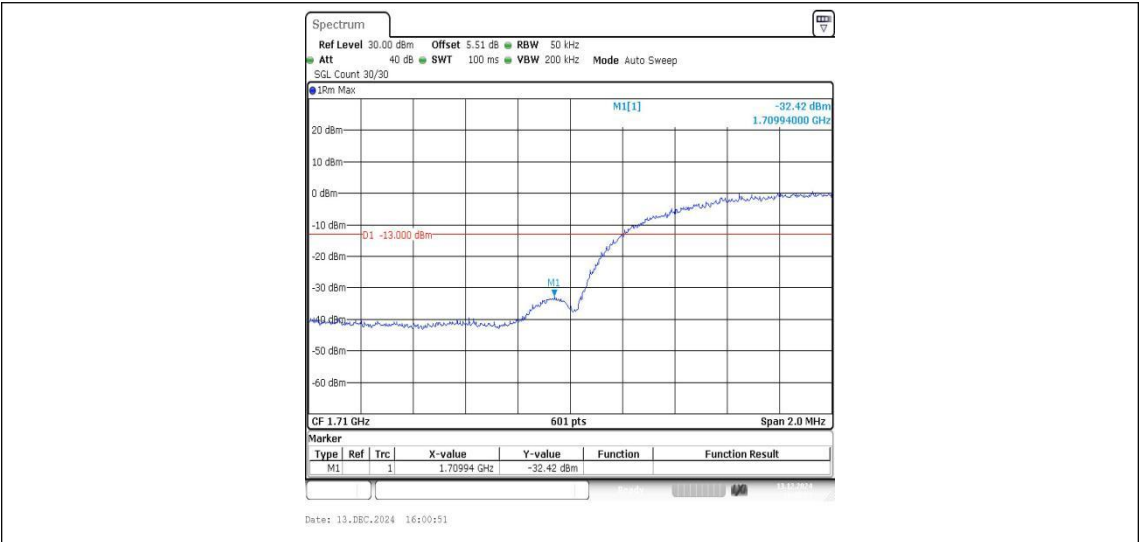
Band	Channel	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band4	1312	1709.94	-33.16	-13	PASS
Band4	1513	1755.09	-32.89	-13	PASS

Band	Channel	SubTest	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band4	1312	1	1709.94	-32.42	-13	PASS
Band4	1513	1	1755.03	-32.72	-13	PASS
Band4	1312	2	1709.75	-31.77	-13	PASS
Band4	1513	2	1755.28	-32.98	-13	PASS
Band4	1312	3	1709.77	-31.07	-13	PASS
Band4	1513	3	1755.30	-31.31	-13	PASS
Band4	1312	4	1709.74	-31.54	-13	PASS
Band4	1513	4	1755.30	-31.22	-13	PASS

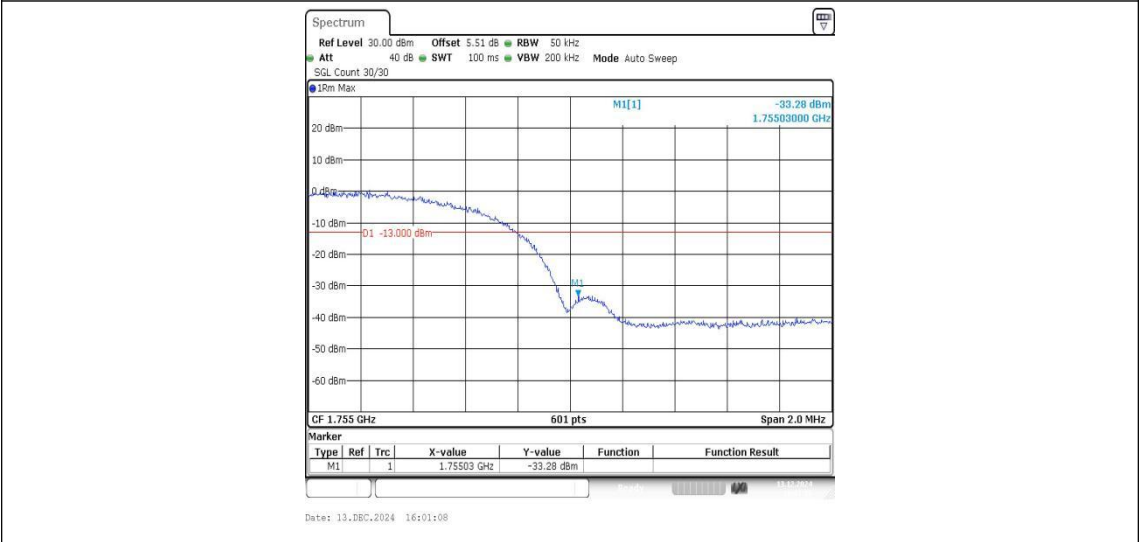
Band	Channel	SubTest	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band4	1312	1	1709.94	-32.76	-13	PASS
Band4	1513	1	1755.06	-33.53	-13	PASS
Band4	1312	2	1709.92	-32.91	-13	PASS
Band4	1513	2	1755.07	-33.93	-13	PASS
Band4	1312	3	1709.90	-34.07	-13	PASS
Band4	1513	3	1755.05	-34.93	-13	PASS
Band4	1312	4	1709.73	-31.97	-13	PASS
Band4	1513	4	1755.25	-32.49	-13	PASS
Band4	1312	5	1709.93	-34.12	-13	PASS
Band4	1513	5	1755.08	-34.95	-13	PASS

Test Graphs





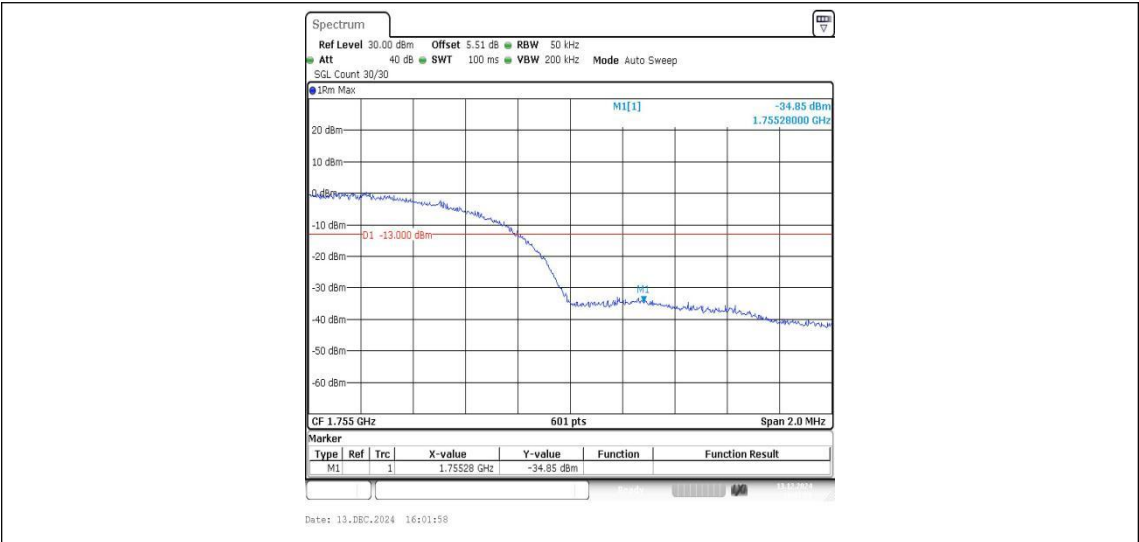
Band4-1312-1-PASS



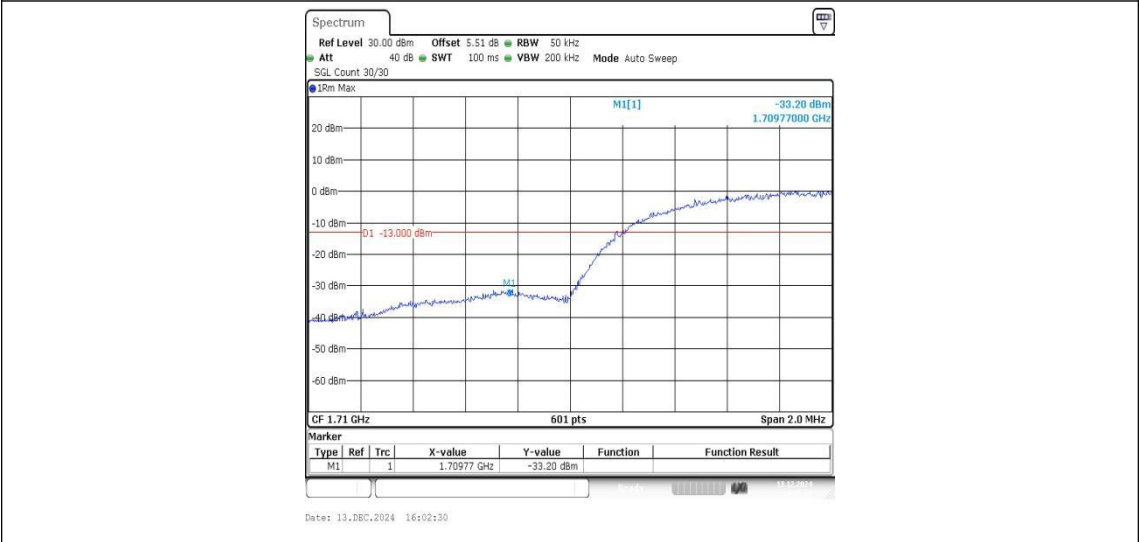
Band4-1513-1-PASS



Band4-1312-2-PASS



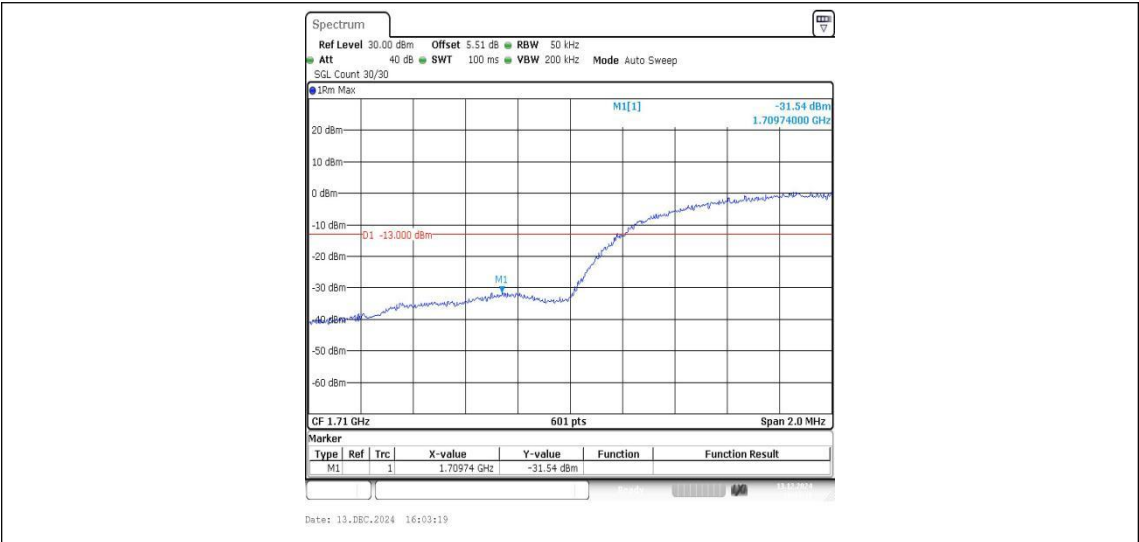
Band4-1513-2-PASS



Band4-1312-3-PASS



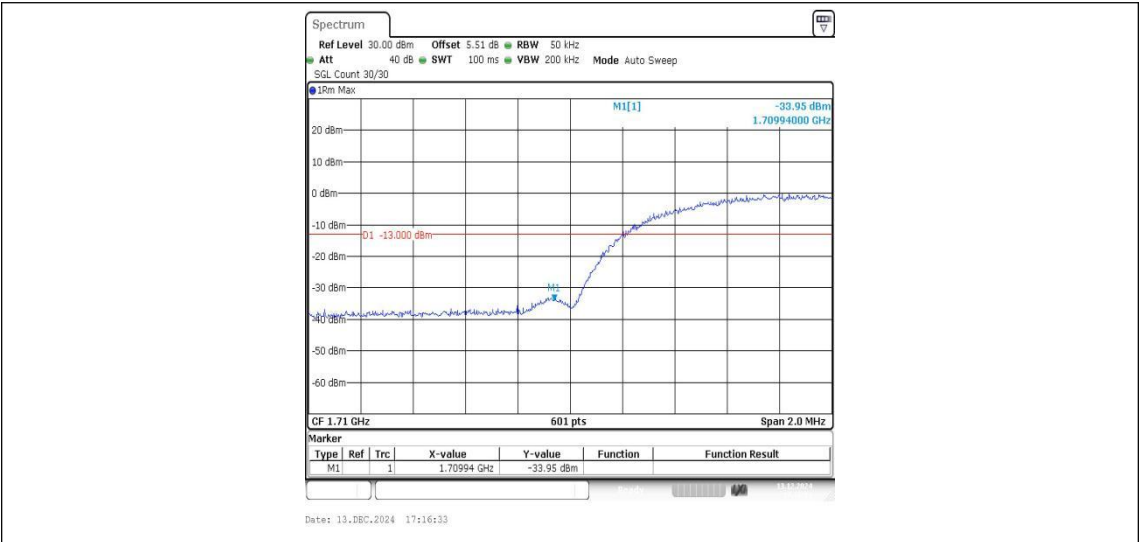
Band4-1513-3-PASS



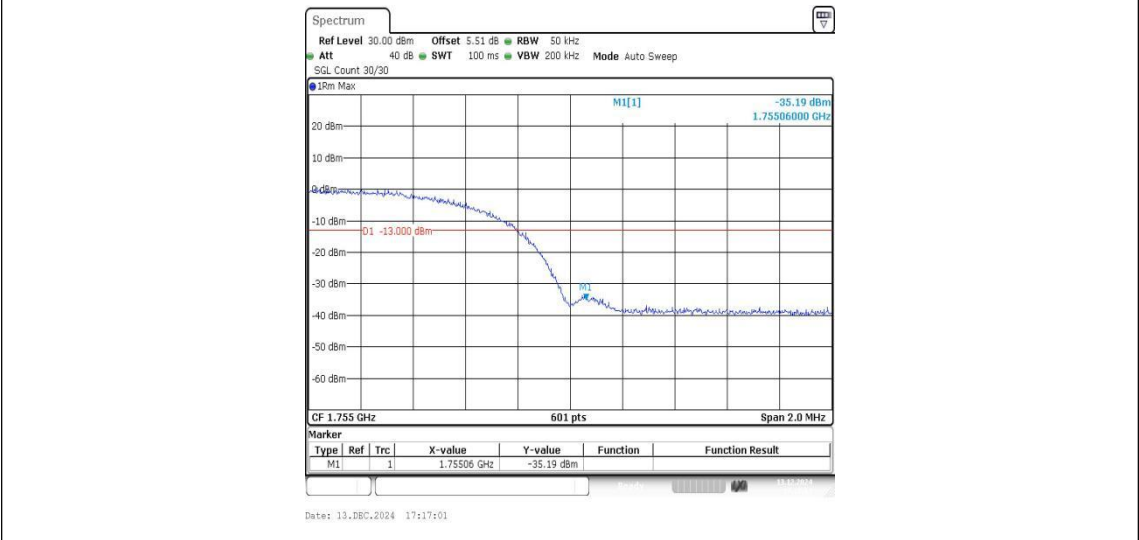
Band4-1312-4-PASS



Band4-1513-4-PASS



Band4-1312-1-PASS



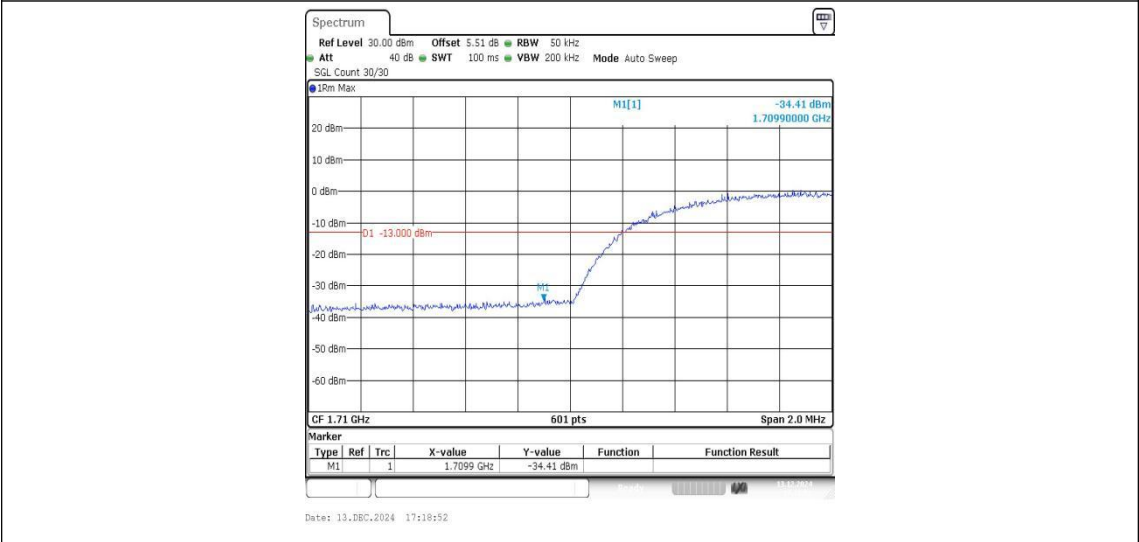
Band4-1513-1-PASS



Band4-1312-2-PASS



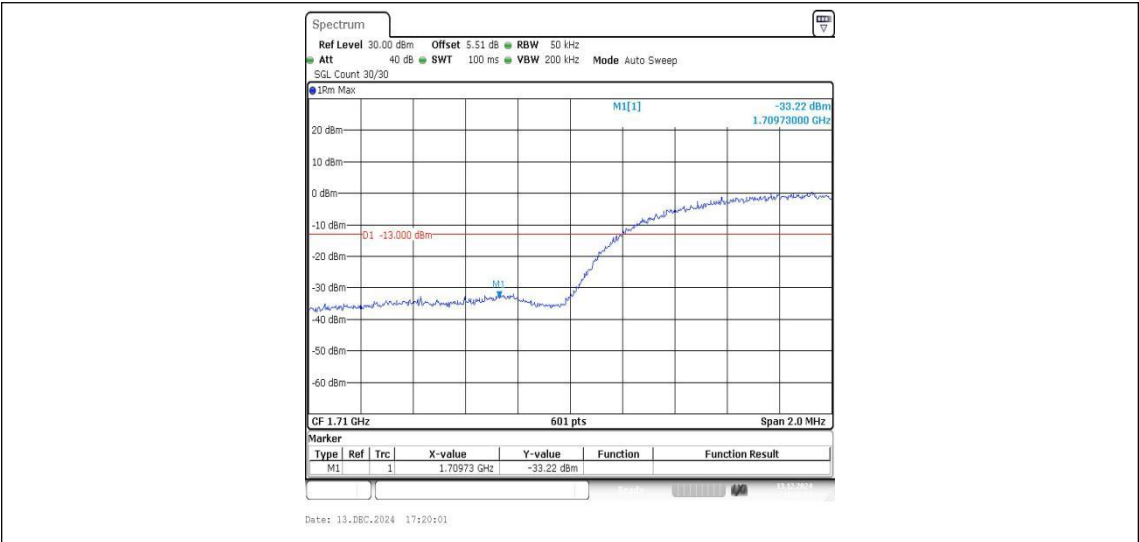
Band4-1513-2-PASS



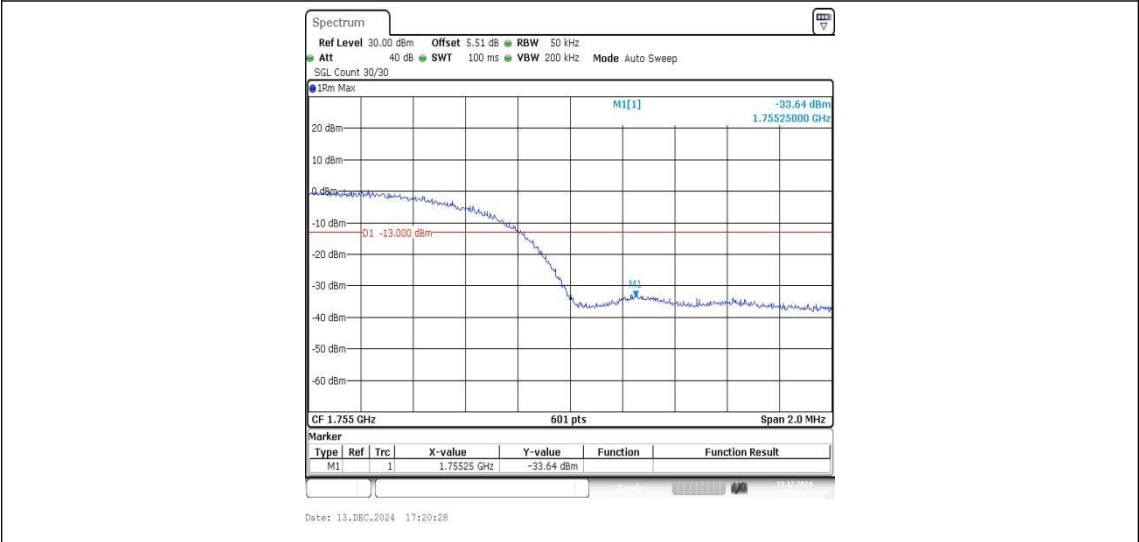
Band4-1312-3-PASS



Band4-1513-3-PASS



Band4-1312-4-PASS



Band4-1513-4-PASS



Band4-1312-5-PASS