



Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

RMC

Band	Channel	Power(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band2	9262	24.42	26.07	33.01	PASS
Band2	9400	24.37	26.02	33.01	PASS
Band2	9538	24.87	26.52	33.01	PASS
Band4	1312	23.05	23.90	30.00	PASS
Band4	1413	23.1	23.95	30.00	PASS
Band4	1513	22.9	23.75	30.00	PASS
Band5	4132	24.16	24.23	38.45	PASS
Band5	4182	24.19	24.26	38.45	PASS
Band5	4233	24.23	24.30	38.45	PASS

HSDPA

Band	Channel	Power(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band2	9262	24.23	25.88	33.01	PASS
Band2	9400	24.11	25.76	33.01	PASS
Band2	9538	24.64	26.29	33.01	PASS
Band4	1312	22.75	23.60	30.00	PASS
Band4	1413	22.8	23.65	30.00	PASS
Band4	1513	22.6	23.45	30.00	PASS
Band5	4132	24	24.07	38.45	PASS
Band5	4182	23.94	24.01	38.45	PASS
Band5	4233	24.03	24.10	38.45	PASS

HSUPA

Band	Channel	Power(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band2	9262	24.13	25.78	33.01	PASS
Band2	9400	24.17	25.82	33.01	PASS
Band2	9538	24.65	26.30	33.01	PASS
Band4	1312	22.92	23.77	30.00	PASS
Band4	1413	22.95	23.80	30.00	PASS
Band4	1513	22.64	23.49	30.00	PASS
Band5	4132	23.92	23.99	38.45	PASS
Band5	4182	23.89	23.96	38.45	PASS
Band5	4233	23.96	24.03	38.45	PASS



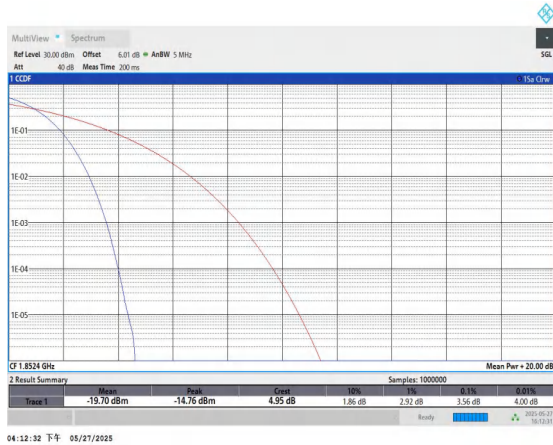
Appendix B: Peak-to-Average Ratio

Test Result

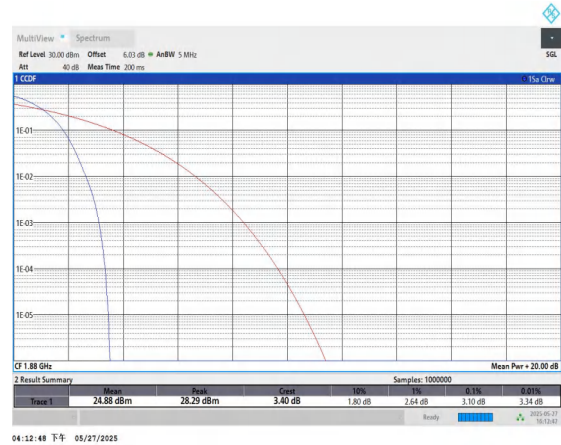
Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9262	3.56	13	PASS
Band2	9400	3.1	13	PASS
Band2	9538	5.58	13	PASS
Band4	1312	3.62	13	PASS
Band4	1413	3.58	13	PASS
Band4	1513	3.86	13	PASS
Band5	4132	6.24	13	PASS
Band5	4182	8.42	13	PASS
Band5	4233	4.56	13	PASS



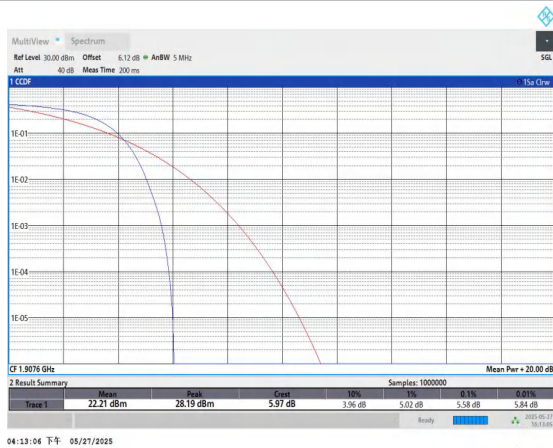
Test Graphs



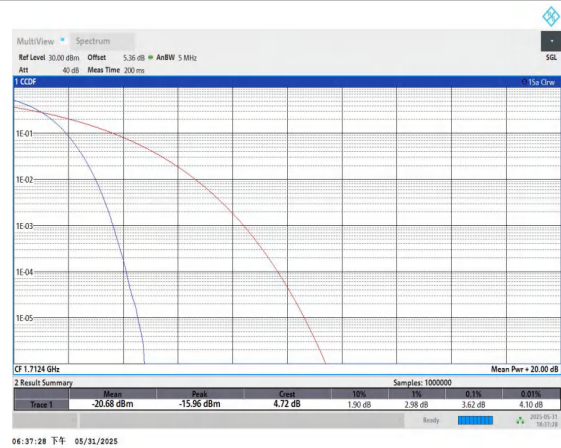
Band2-9262-PASS



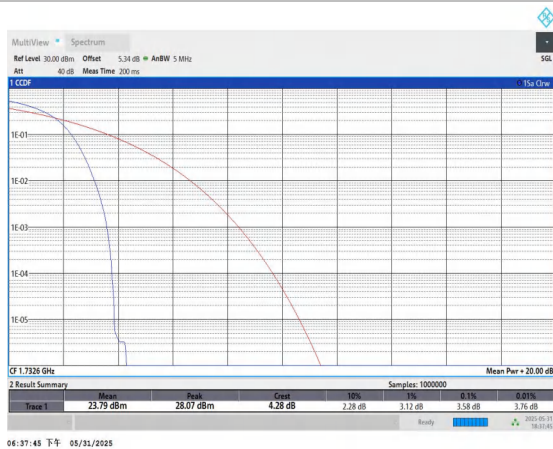
Band2-9400-PASS



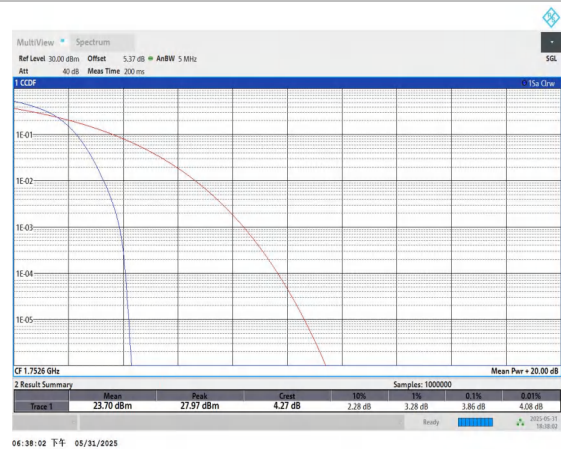
Band2-9538-PASS



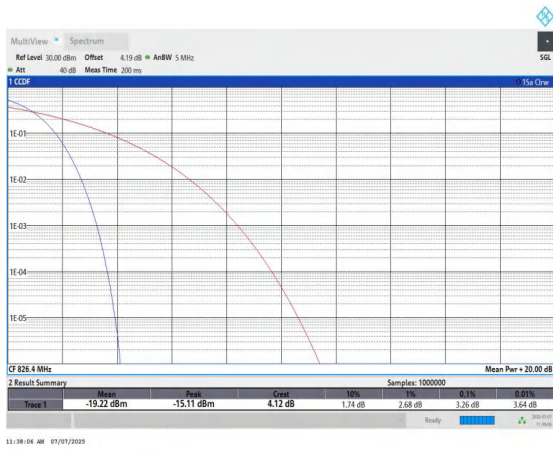
Band4-1312-PASS



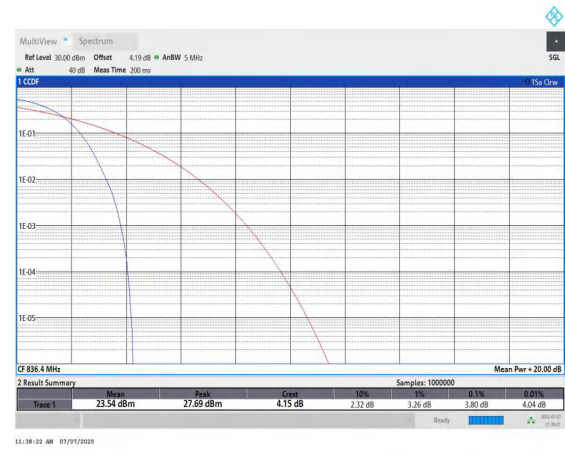
Band4-1413-PASS



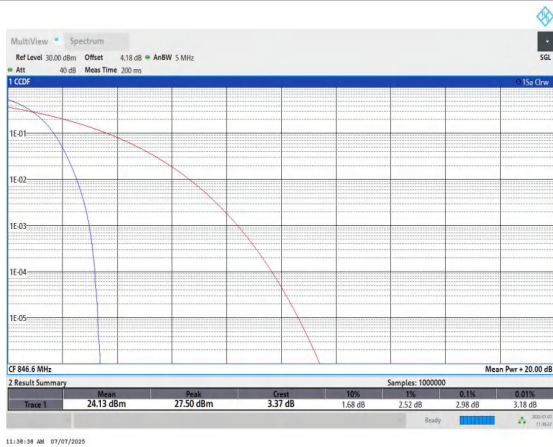
Band4-1513-PASS



Band5-4132-PASS



Band5-4182-PASS



Band5-4233-PASS



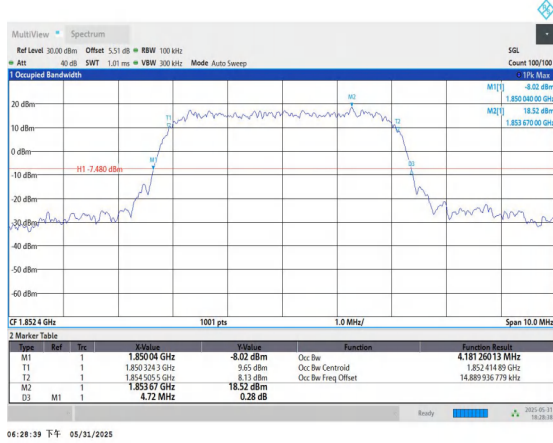
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

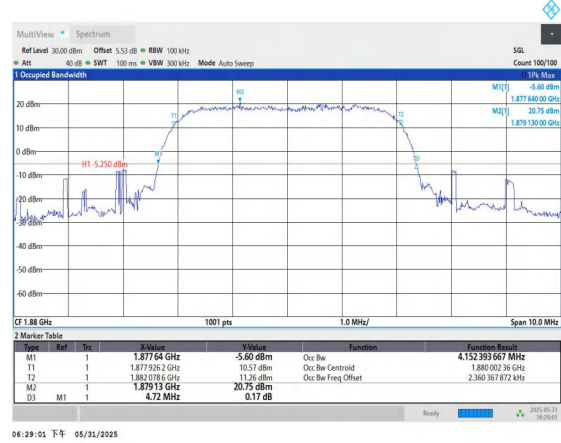
Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(kHz)	Verdict
Band2	9262	4.181	4.72	---	PASS
Band2	9400	4.152	4.72	---	PASS
Band2	9538	4.162	4.74	---	PASS
Band4	1312	4.153	4.74	---	PASS
Band4	1413	4.156	4.74	---	PASS
Band4	1513	4.163	4.89	---	PASS
Band5	4132	4.174	4.78	---	PASS
Band5	4182	4.137	4.70	---	PASS
Band5	4233	4.14	4.71	---	PASS



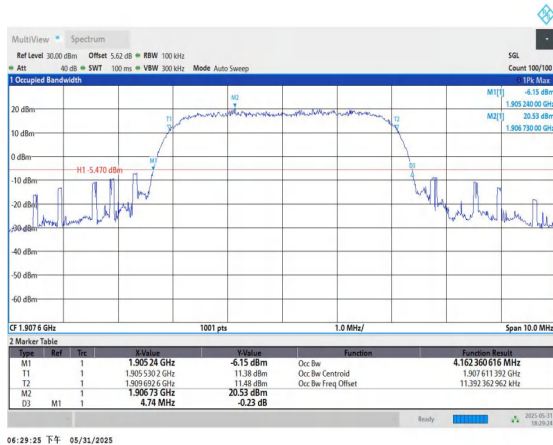
Test Graphs



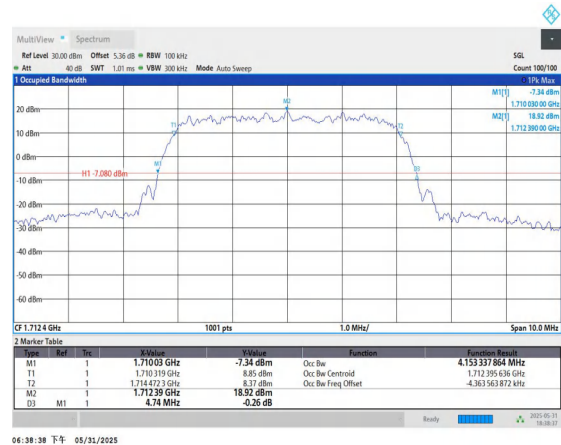
Band2-9262-PASS



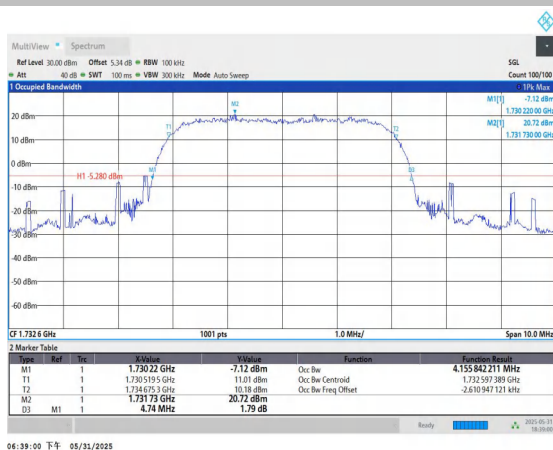
Band2-9400-PASS



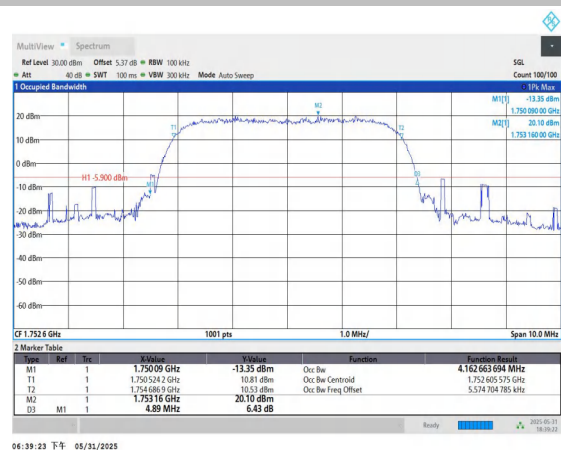
Band2-9538-PASS



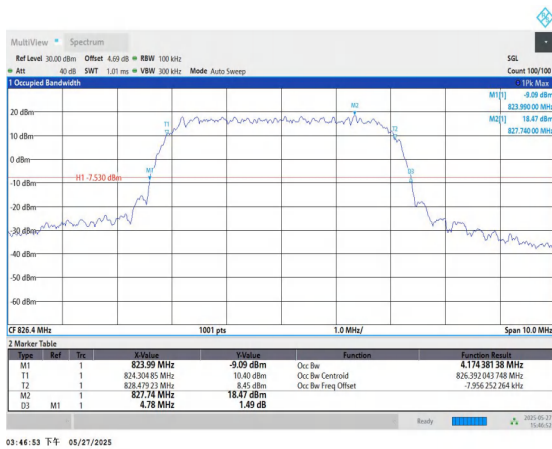
Band4-1312-PASS



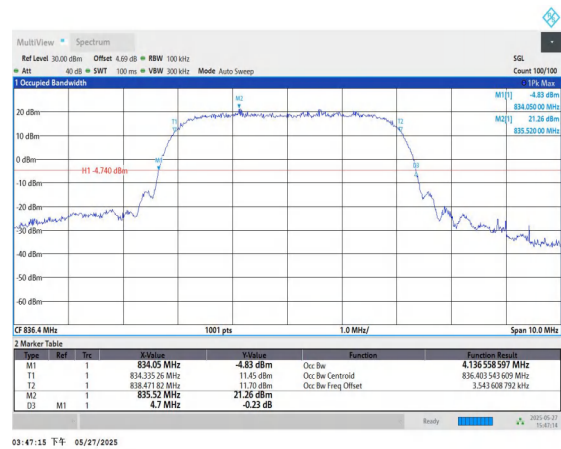
Band4-1413-PASS



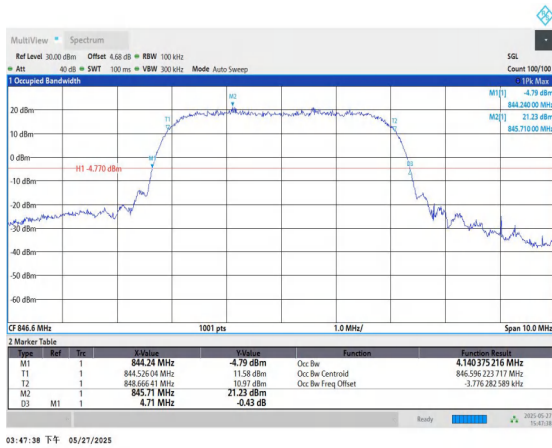
Band4-1513-PASS



Band5-4132-PASS



Band5-4182-PASS



Band5-4233-PASS



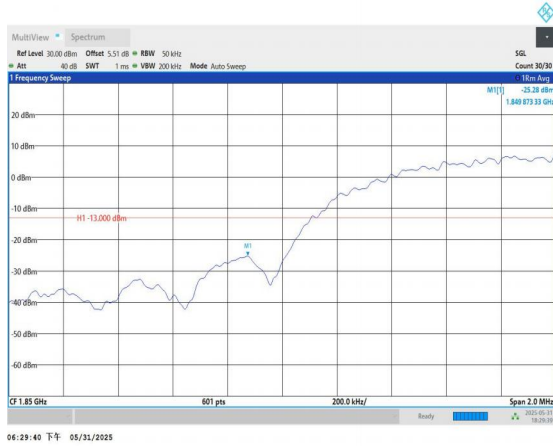
Appendix D: Band Edge

Test Result

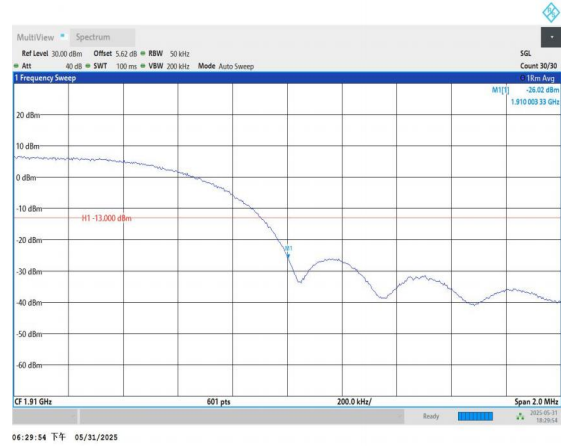
Band	Channel	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band2	9262	1849.87	-25.28	-13	PASS
Band2	9538	1910.00	-26.02	-13	PASS
Band4	1312	1709.86	-24.81	-13	PASS
Band4	1513	1755.15	-25.30	-13	PASS
Band5	4132	823.82	-58.30	-13	PASS
Band5	4233	849.00	-26.97	-13	PASS



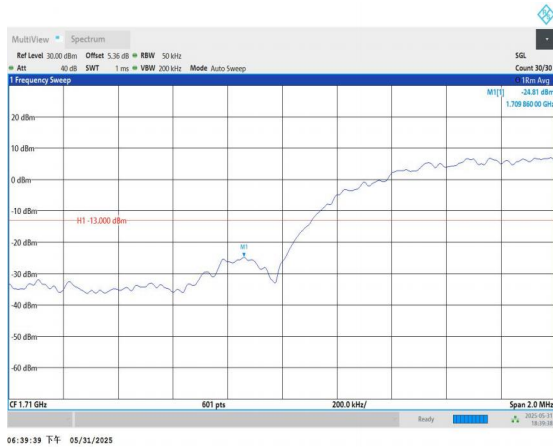
Test Graphs



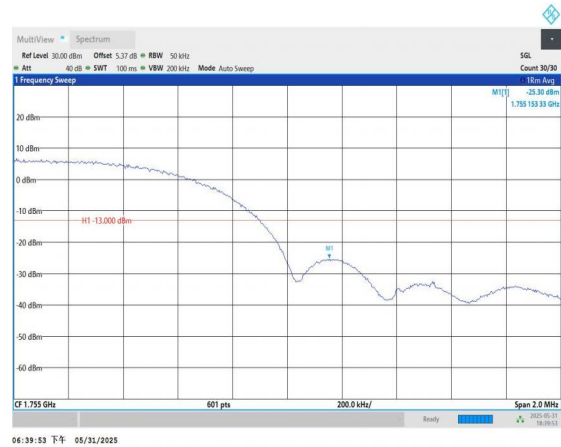
Band2-9262-PASS



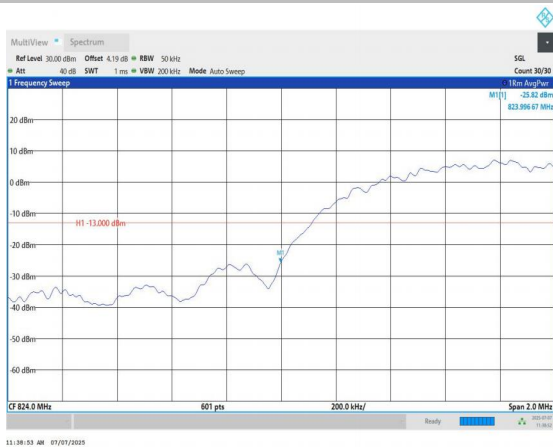
Band2-9538-PASS



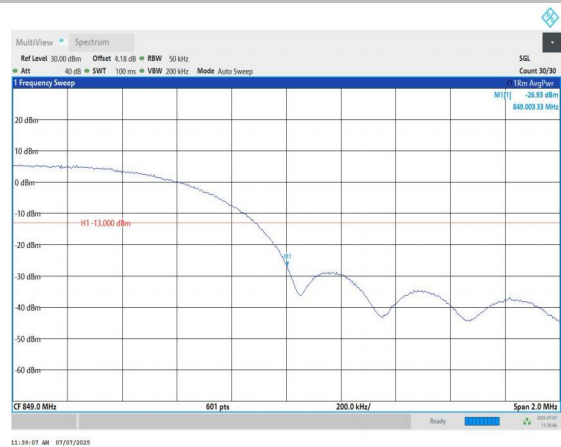
Band4-1312-PASS



Band4-1513-PASS



Band5-4132-PASS



Band5-4233-PASS



Appendix E: Conducted Spurious Emission

Test Result

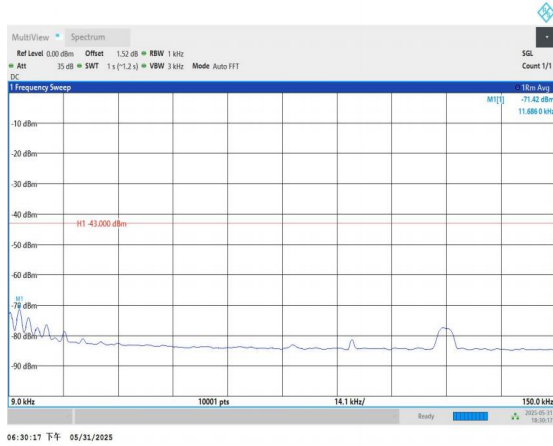
Band	Channel	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band2	9262	0.009~0.15MHz	0.01	-71.42	-43	PASS
Band2	9262	0.15~30MHz	29.77	-73.3	-33	PASS
Band2	9262	30~1000MHz	35.19	-52.09	-13	PASS
Band2	9262	1000~30000MHz	21941.63	-41.57	-13	PASS
Band2	9262	3000~20000MHz	18609.22	-40.76	-13	PASS
Band2	9400	0.009~0.15MHz	0.01	-70.49	-43	PASS
Band2	9400	0.15~30MHz	29.93	-73.31	-33	PASS
Band2	9400	30~1000MHz	35.87	-52.14	-13	PASS
Band2	9400	1000~30000MHz	21938.73	-41.79	-13	PASS
Band2	9400	3000~20000MHz	18682.32	-41.01	-13	PASS
Band2	9538	0.009~0.15MHz	0.01	-70.51	-43	PASS
Band2	9538	0.15~30MHz	29.8	-73.31	-33	PASS
Band2	9538	30~1000MHz	34.7	-52.18	-13	PASS
Band2	9538	1000~30000MHz	21909	-41.2	-13	PASS
Band2	9538	3000~20000MHz	18670	-39.98	-13	PASS
Band4	1312	0.009~0.15MHz	0.01	-70.58	-43	PASS
Band4	1312	0.15~30MHz	29.11	-73.33	-33	PASS
Band4	1312	30~1000MHz	35.48	-52.5	-13	PASS
Band4	1312	1000~30000MHz	21947.43	-41.32	-13	PASS
Band4	1312	3000~20000MHz	18590.52	-40.87	-13	PASS
Band4	1413	0.009~0.15MHz	0.01	-70.68	-43	PASS
Band4	1413	0.15~30MHz	29.94	-73.29	-33	PASS
Band4	1413	30~1000MHz	35.19	-52.4	-13	PASS
Band4	1413	1000~30000MHz	21900.3	-41.29	-13	PASS
Band4	1413	3000~20000MHz	18654.27	-41	-13	PASS
Band4	1513	0.009~0.15MHz	0.01	-71.27	-43	PASS
Band4	1513	0.15~30MHz	30	-73.28	-33	PASS
Band4	1513	30~1000MHz	35.58	-52.18	-13	PASS
Band4	1513	1000~30000MHz	21927.13	-41.61	-13	PASS
Band4	1513	3000~20000MHz	18612.62	-40.99	-13	PASS
Band5	4132	30~1000MHz	34.85	-62.19	-13	PASS
Band5	4132	1000~10000MHz	7498.8	-44.05	-13	PASS
Band5	4182	30~1000MHz	34.37	-61.27	-13	PASS
Band5	4182	1000~10000MHz	7487.1	-43.95	-13	PASS
Band5	4233	30~1000MHz	34.85	-61.79	-13	PASS



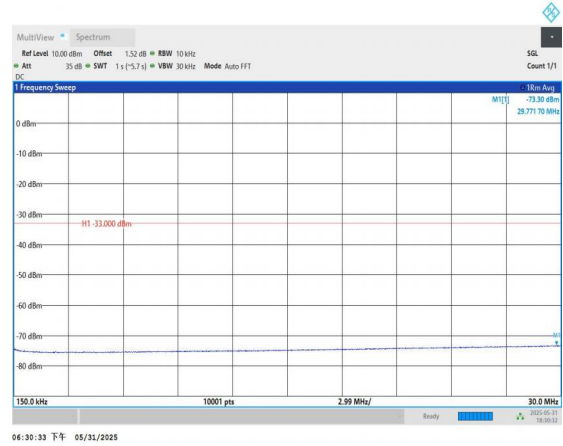
Band5	4233	1000~10000MHz	7492.5	-43.88	-13	PASS
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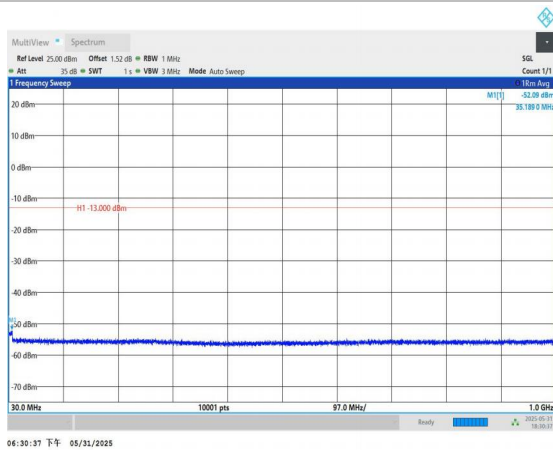
Test Graphs



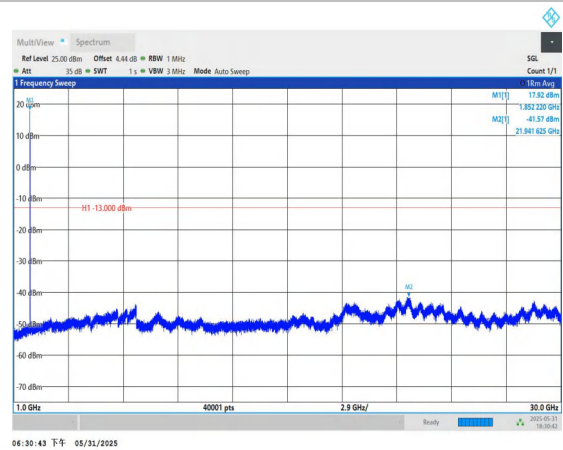
Band2-9262-0.009~0.15MHz-PASS



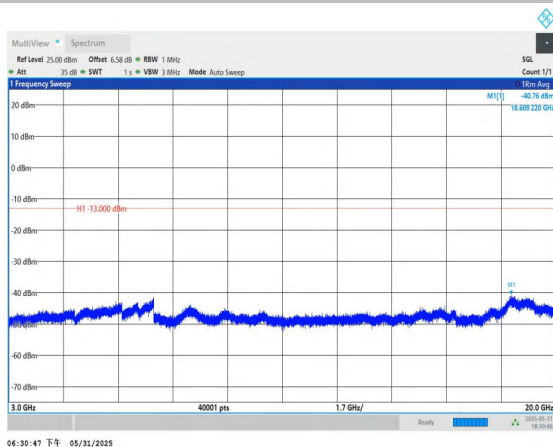
Band2-9262-0.15~30MHz-PASS



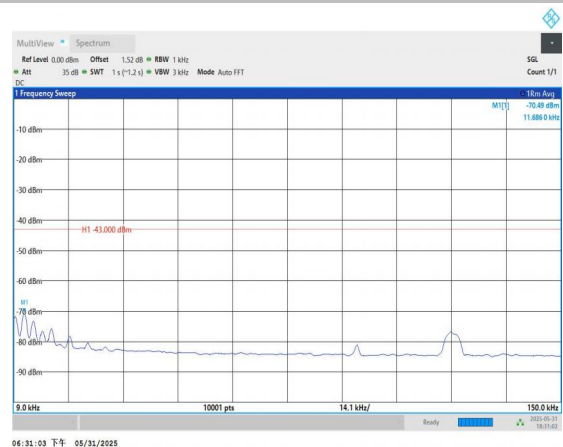
Band2-9262-30~1000MHz-PASS



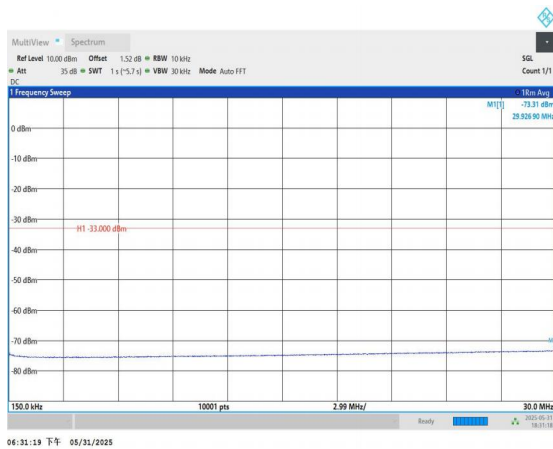
Band2-9262-1000~30000MHz-PASS



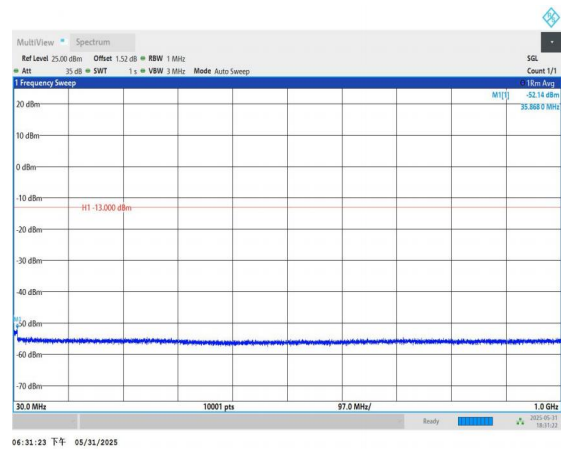
Band2-9262-3000~20000MHz-PASS



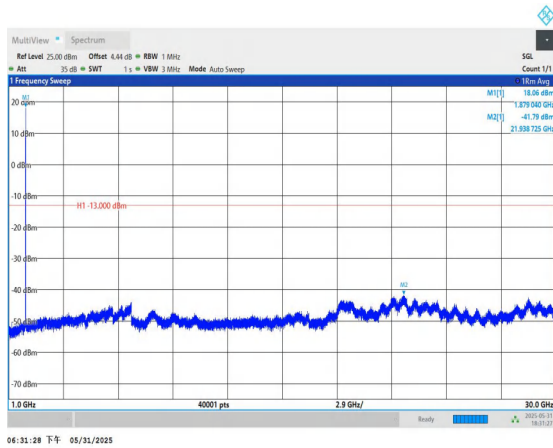
Band2-9400-0.009~0.15MHz-PASS



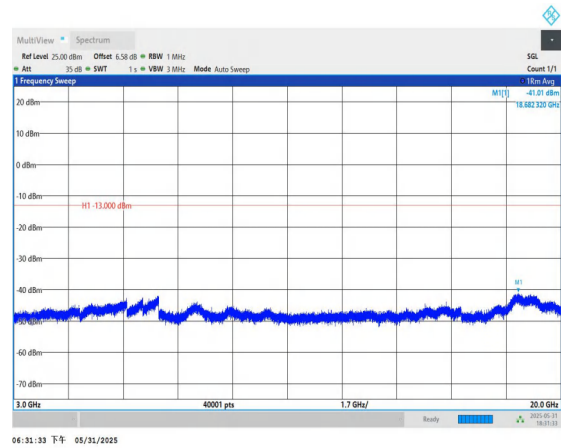
Band2-9400-0.15~30MHz-PASS



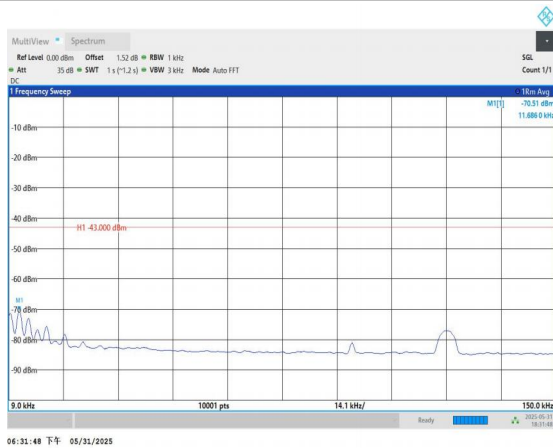
Band2-9400-30~1000MHz-PASS



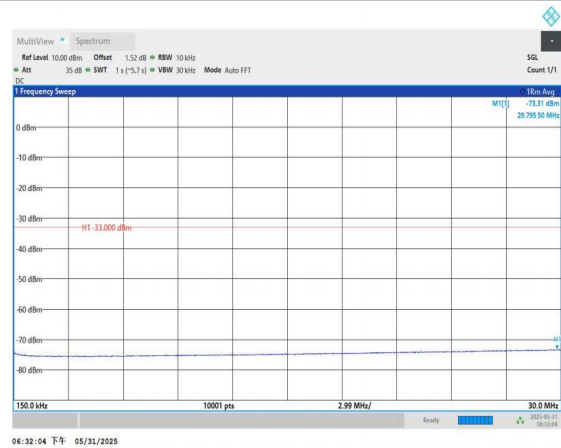
Band2-9400-1000~30000MHz-PASS



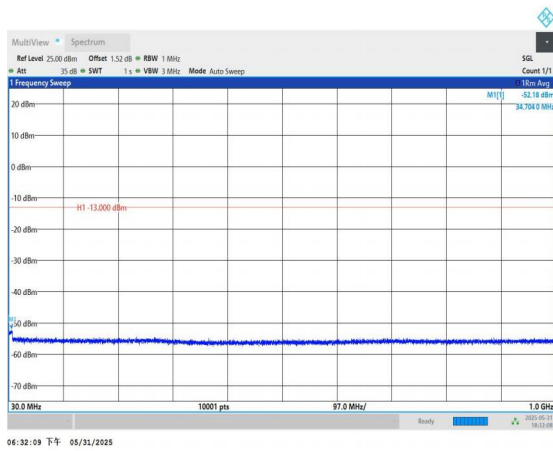
Band2-9400-3000~20000MHz-PASS



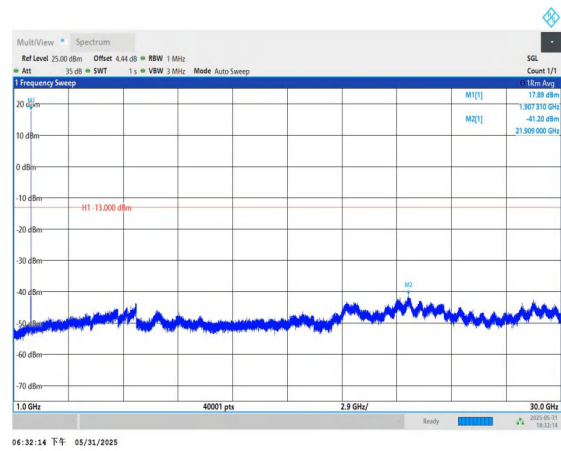
Band2-9538-0.009~0.15MHz-PASS



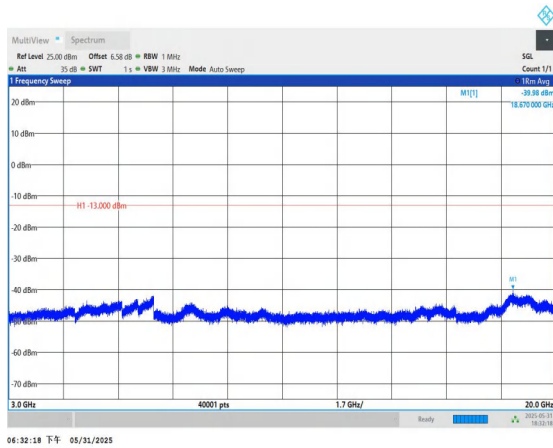
Band2-9538-0.15~30MHz-PASS



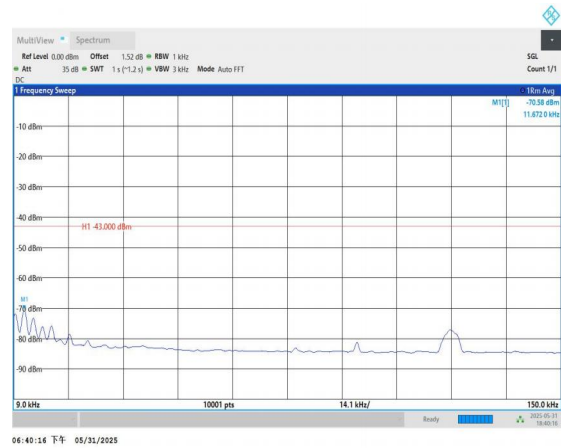
Band2-9538-30~1000MHz-PASS



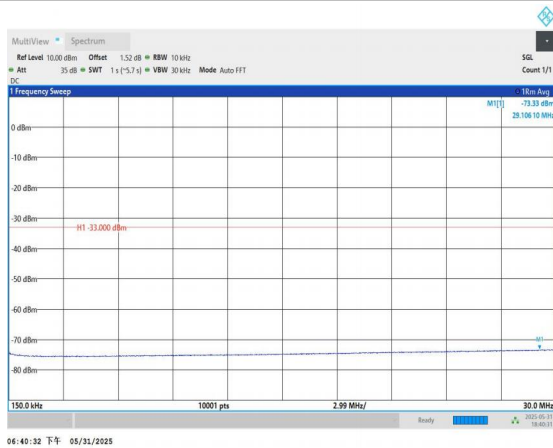
Band2-9538-1000~30000MHz-PASS



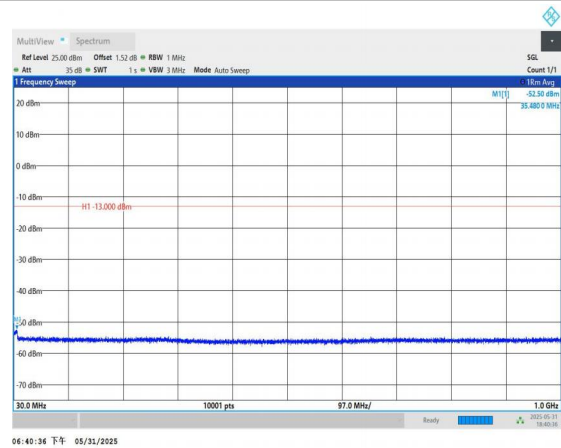
Band2-9538-3000~20000MHz-PASS



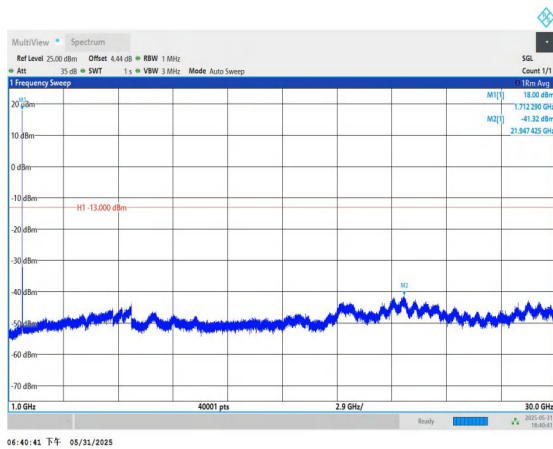
Band4-1312-0.009~0.15MHz-PASS



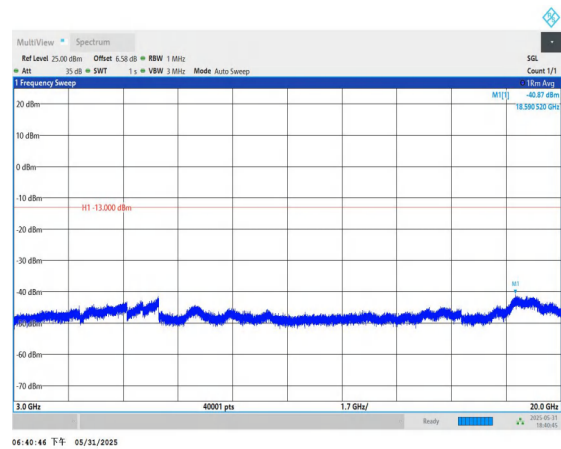
Band4-1312-0.15~30MHz-PASS



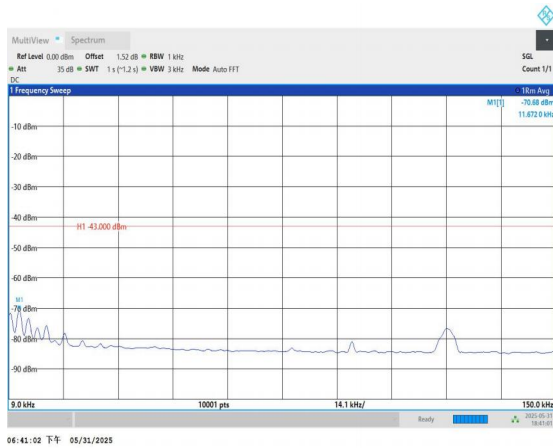
Band4-1312-30~1000MHz-PASS



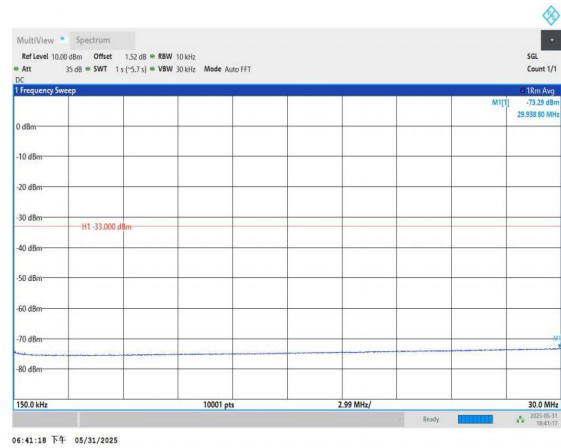
Band4-1312-1000~30000MHz-PASS



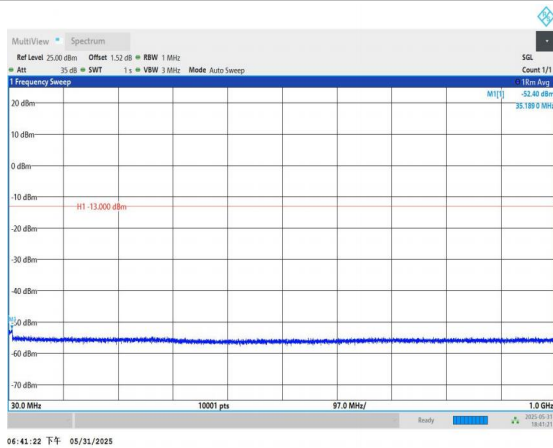
Band4-1312-3000~20000MHz-PASS



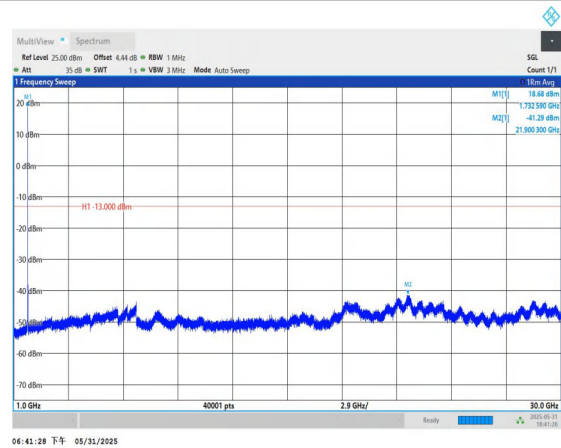
Band4-1413-0.009~0.15MHz-PASS



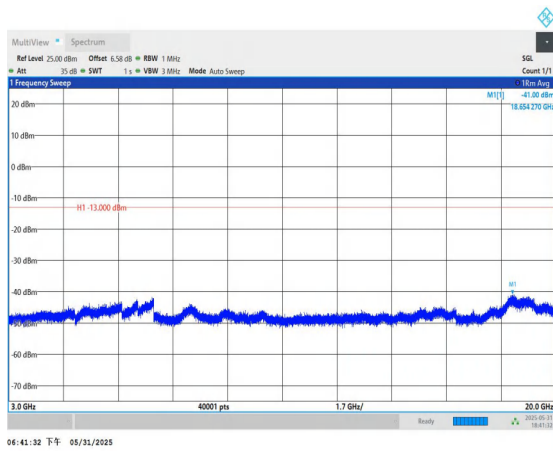
Band4-1413-0.15~30MHz-PASS



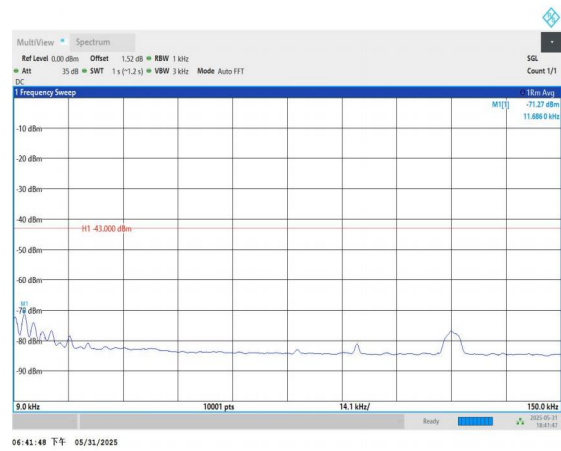
Band4-1413-30~1000MHz-PASS



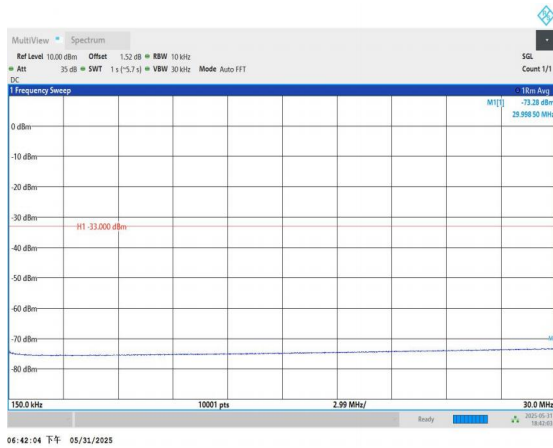
Band4-1413-1000~30000MHz-PASS



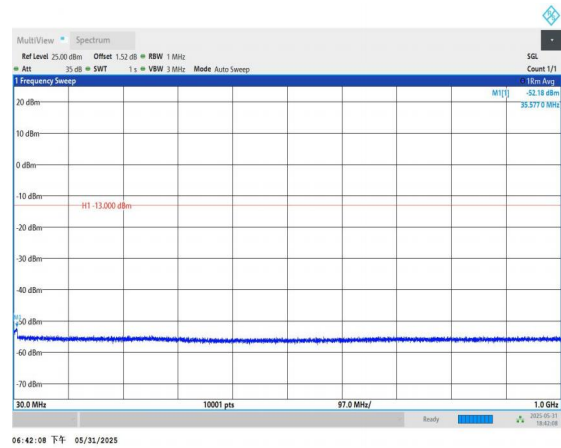
Band4-1413-3000~20000MHz-PASS



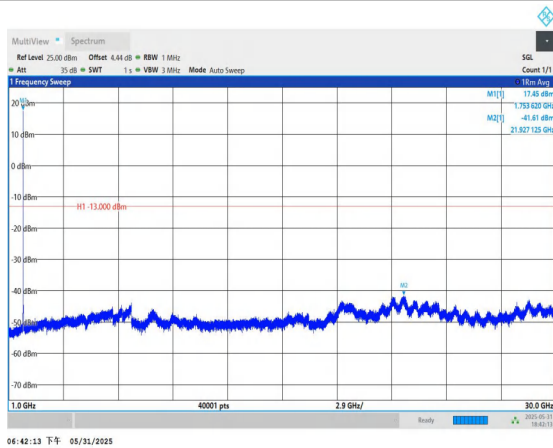
Band4-1513-0.009~0.15MHz-PASS



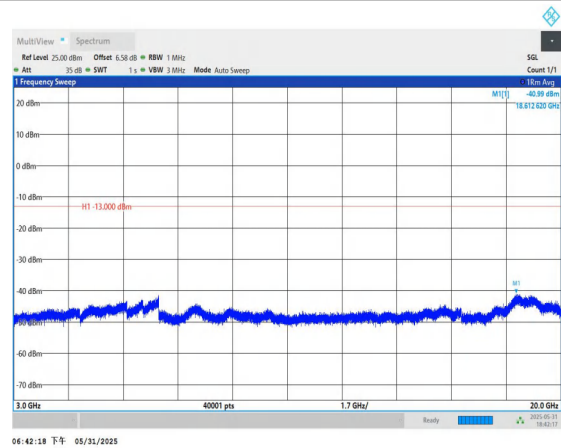
Band4-1513-0.15~30MHz-PASS



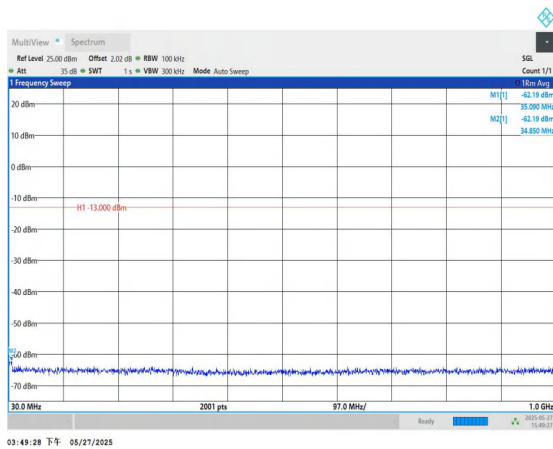
Band4-1513-30~1000MHz-PASS



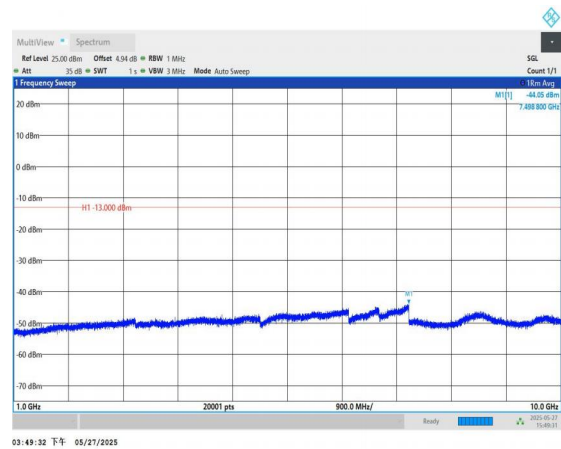
Band4-1513-1000~30000MHz-PASS



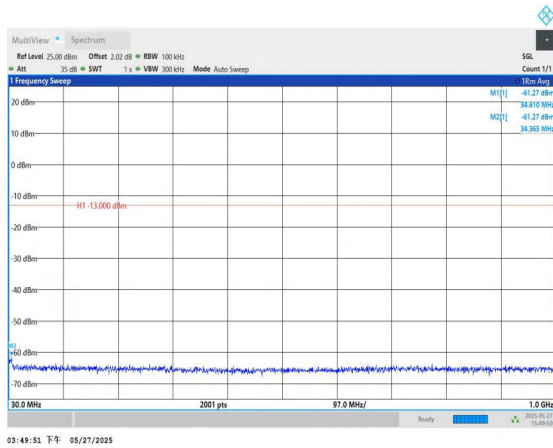
Band4-1513-3000~20000MHz-PASS



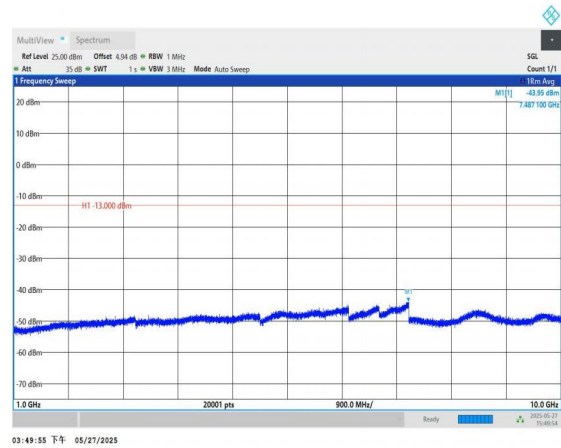
Band5-4132-30~1000MHz-PASS



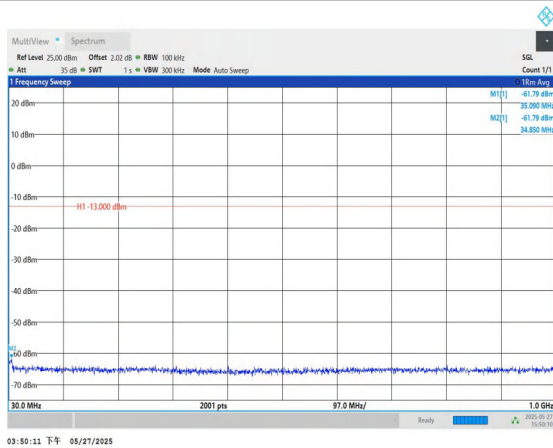
Band5-4132-1000~10000MHz-PASS



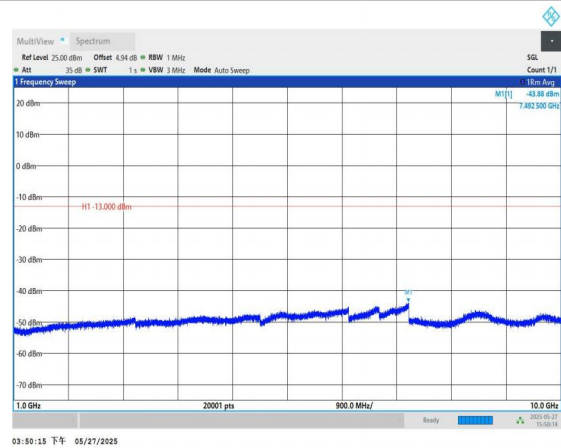
Band5-4182-30~1000MHz-PASS



Band5-4182-1000~10000MHz-PASS



Band5-4233-30~1000MHz-PASS



Band5-4233-1000~10000MHz-PASS



Appendix F: Frequency Stability

Test Result

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9262	VN	NT	0.41	0.000221	±2.5	PASS
Band2	9262	VL	NT	0.41	0.000221	±2.5	PASS
Band2	9262	VH	NT	0.09	0.000049	±2.5	PASS
Band2	9400	VN	NT	0.52	0.000277	±2.5	PASS
Band2	9400	VL	NT	0.75	0.000399	±2.5	PASS
Band2	9400	VH	NT	0.53	0.000282	±2.5	PASS
Band2	9538	VN	NT	0.21	0.000110	±2.5	PASS
Band2	9538	VL	NT	0.61	0.000320	±2.5	PASS
Band2	9538	VH	NT	1.00	0.000524	±2.5	PASS
Band4	1312	VN	NT	0.29	0.000169	±2.5	PASS
Band4	1312	VL	NT	0.29	0.000169	±2.5	PASS
Band4	1312	VH	NT	0.77	0.000450	±2.5	PASS
Band4	1413	VN	NT	0.60	0.000346	±2.5	PASS
Band4	1413	VL	NT	0.57	0.000329	±2.5	PASS
Band4	1413	VH	NT	0.96	0.000554	±2.5	PASS
Band4	1513	VN	NT	0.40	0.000228	±2.5	PASS
Band4	1513	VL	NT	0.79	0.000451	±2.5	PASS
Band4	1513	VH	NT	0.02	0.000011	±2.5	PASS
Band5	4132	VN	NT	0.37	0.000448	±2.5	PASS
Band5	4132	VL	NT	0.82	0.000992	±2.5	PASS
Band5	4132	VH	NT	0.58	0.000702	±2.5	PASS
Band5	4182	VN	NT	0.36	0.000430	±2.5	PASS
Band5	4182	VL	NT	0.28	0.000335	±2.5	PASS
Band5	4182	VH	NT	0.56	0.000670	±2.5	PASS
Band5	4233	VN	NT	0.55	0.000650	±2.5	PASS
Band5	4233	VL	NT	0.94	0.001110	±2.5	PASS
Band5	4233	VH	NT	0.97	0.001146	±2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9262	NV	-30	0.78	0.000421	±2.5	PASS
Band2	9262	NV	-20	0.36	0.000194	±2.5	PASS



Band2	9262	NV	-10	0.41	0.000221	±2.5	PASS
Band2	9262	NV	0	0.30	0.000162	±2.5	PASS
Band2	9262	NV	10	0.71	0.000383	±2.5	PASS
Band2	9262	NV	20	0.12	0.000065	±2.5	PASS
Band2	9262	NV	30	0.37	0.000200	±2.5	PASS
Band2	9262	NV	40	0.97	0.000524	±2.5	PASS
Band2	9262	NV	50	0.74	0.000399	±2.5	PASS
Band2	9400	NV	-30	0.14	0.000074	±2.5	PASS
Band2	9400	NV	-20	0.74	0.000394	±2.5	PASS
Band2	9400	NV	-10	0.35	0.000186	±2.5	PASS
Band2	9400	NV	0	0.96	0.000511	±2.5	PASS
Band2	9400	NV	10	0.56	0.000298	±2.5	PASS
Band2	9400	NV	20	0.17	0.000090	±2.5	PASS
Band2	9400	NV	30	0.78	0.000415	±2.5	PASS
Band2	9400	NV	40	0.38	0.000202	±2.5	PASS
Band2	9400	NV	50	0.99	0.000527	±2.5	PASS
Band2	9538	NV	-30	0.88	0.000461	±2.5	PASS
Band2	9538	NV	-20	0.65	0.000341	±2.5	PASS
Band2	9538	NV	-10	0.90	0.000472	±2.5	PASS
Band2	9538	NV	0	0.67	0.000351	±2.5	PASS
Band2	9538	NV	10	0.56	0.000294	±2.5	PASS
Band2	9538	NV	20	0.33	0.000173	±2.5	PASS
Band2	9538	NV	30	0.58	0.000304	±2.5	PASS
Band2	9538	NV	40	0.18	0.000094	±2.5	PASS
Band2	9538	NV	50	0.15	0.000079	±2.5	PASS
Band4	1312	NV	-30	0.47	0.000274	±2.5	PASS
Band4	1312	NV	-20	0.88	0.000514	±2.5	PASS
Band4	1312	NV	-10	0.29	0.000169	±2.5	PASS
Band4	1312	NV	0	0.54	0.000315	±2.5	PASS
Band4	1312	NV	10	0.78	0.000456	±2.5	PASS
Band4	1312	NV	20	0.55	0.000321	±2.5	PASS
Band4	1312	NV	30	0.80	0.000467	±2.5	PASS
Band4	1312	NV	40	0.77	0.000450	±2.5	PASS
Band4	1312	NV	50	0.37	0.000216	±2.5	PASS
Band4	1413	NV	-30	0.57	0.000329	±2.5	PASS
Band4	1413	NV	-20	0.54	0.000312	±2.5	PASS
Band4	1413	NV	-10	0.98	0.000566	±2.5	PASS
Band4	1413	NV	0	0.59	0.000341	±2.5	PASS
Band4	1413	NV	10	0.55	0.000317	±2.5	PASS



Band4	1413	NV	20	0.16	0.000092	±2.5	PASS
Band4	1413	NV	30	0.12	0.000069	±2.5	PASS
Band4	1413	NV	40	0.56	0.000323	±2.5	PASS
Band4	1413	NV	50	0.17	0.000098	±2.5	PASS
Band4	1513	NV	-30	0.98	0.000559	±2.5	PASS
Band4	1513	NV	-20	0.95	0.000542	±2.5	PASS
Band4	1513	NV	-10	0.55	0.000314	±2.5	PASS
Band4	1513	NV	0	0.99	0.000565	±2.5	PASS
Band4	1513	NV	10	0.96	0.000548	±2.5	PASS
Band4	1513	NV	20	0.40	0.000228	±2.5	PASS
Band4	1513	NV	30	0.01	0.000006	±2.5	PASS
Band4	1513	NV	40	0.97	0.000553	±2.5	PASS
Band4	1513	NV	50	0.94	0.000536	±2.5	PASS
Band5	4132	NV	-30	0.60	0.000726	±2.5	PASS
Band5	4132	NV	-20	0.54	0.000653	±2.5	PASS
Band5	4132	NV	-10	0.04	0.000048	±2.5	PASS
Band5	4132	NV	0	0.06	0.000073	±2.5	PASS
Band5	4132	NV	10	0.20	0.000242	±2.5	PASS
Band5	4132	NV	20	0.06	0.000073	±2.5	PASS
Band5	4132	NV	30	0.56	0.000678	±2.5	PASS
Band5	4132	NV	40	0.58	0.000702	±2.5	PASS
Band5	4132	NV	50	0.08	0.000097	±2.5	PASS
Band5	4182	NV	-30	0.72	0.000861	±2.5	PASS
Band5	4182	NV	-20	0.17	0.000203	±2.5	PASS
Band5	4182	NV	-10	0.13	0.000155	±2.5	PASS
Band5	4182	NV	0	0.74	0.000885	±2.5	PASS
Band5	4182	NV	10	0.34	0.000407	±2.5	PASS
Band5	4182	NV	20	0.95	0.001136	±2.5	PASS
Band5	4182	NV	30	0.56	0.000670	±2.5	PASS
Band5	4182	NV	40	0.16	0.000191	±2.5	PASS
Band5	4182	NV	50	0.13	0.000155	±2.5	PASS
Band5	4233	NV	-30	0.58	0.000685	±2.5	PASS
Band5	4233	NV	-20	0.19	0.000224	±2.5	PASS
Band5	4233	NV	-10	0.79	0.000933	±2.5	PASS
Band5	4233	NV	0	0.40	0.000472	±2.5	PASS
Band5	4233	NV	10	0.00	0.000000	±2.5	PASS
Band5	4233	NV	20	0.61	0.000721	±2.5	PASS
Band5	4233	NV	30	0.05	0.000059	±2.5	PASS
Band5	4233	NV	40	0.02	0.000024	±2.5	PASS



Band5	4233	NV	50	0.98	0.001158	±2.5	PASS
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