

Tag Summary Report - Tag 1005

Generated: 2026-07-09T19:50:44.350Z

Discovery summary

ID.	Temp.	Temp.2	Pressure	Humidity	Vibration	Shock
1005	1	0	1	1	5	8

IM Proto. Prototype 3D print prototype for injection mold

Age 76 days, 19.7 years remaining, 3.05 Volts, read signal 6497, firmware V52

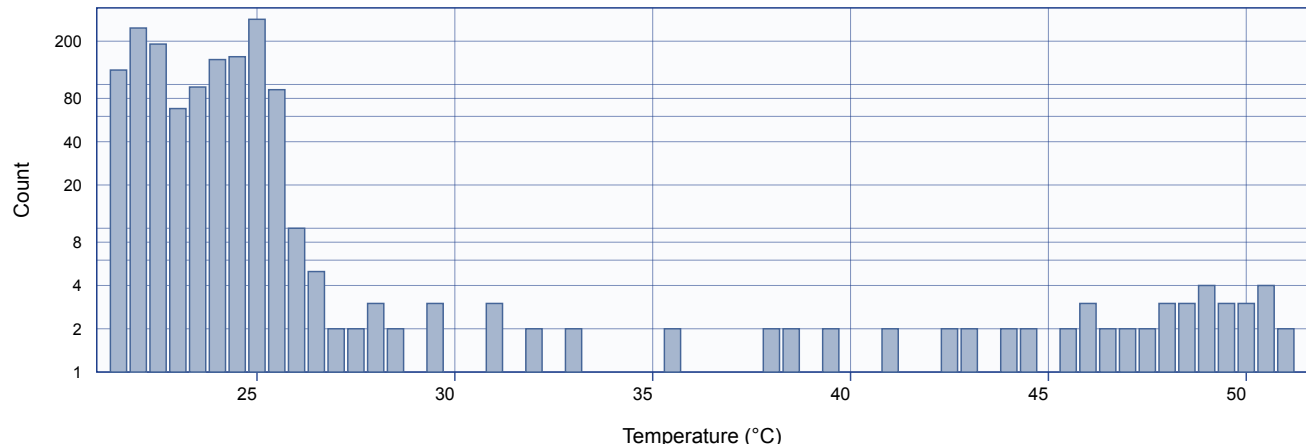
Temperature Summary

Temperature Excursions

Start	Temperature (°C)	End
2026-07-08-17-22-42	50.9	2026-07-08-20-01-42

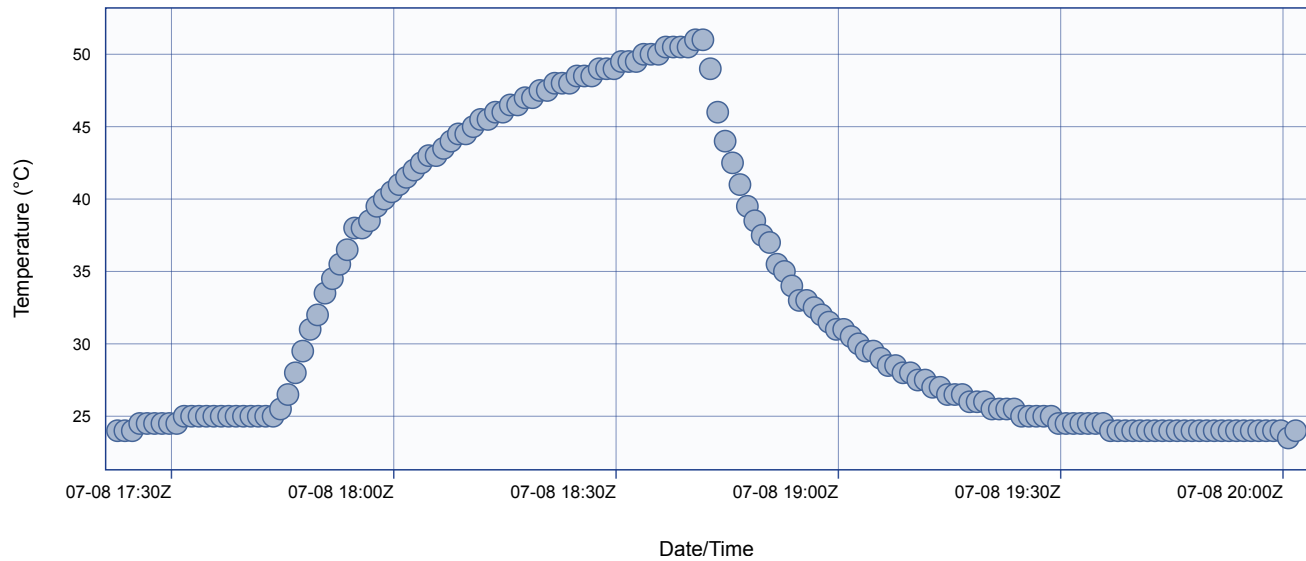
Temperature Histogram

2026-07-09-16-32-02Z • 1512 readings



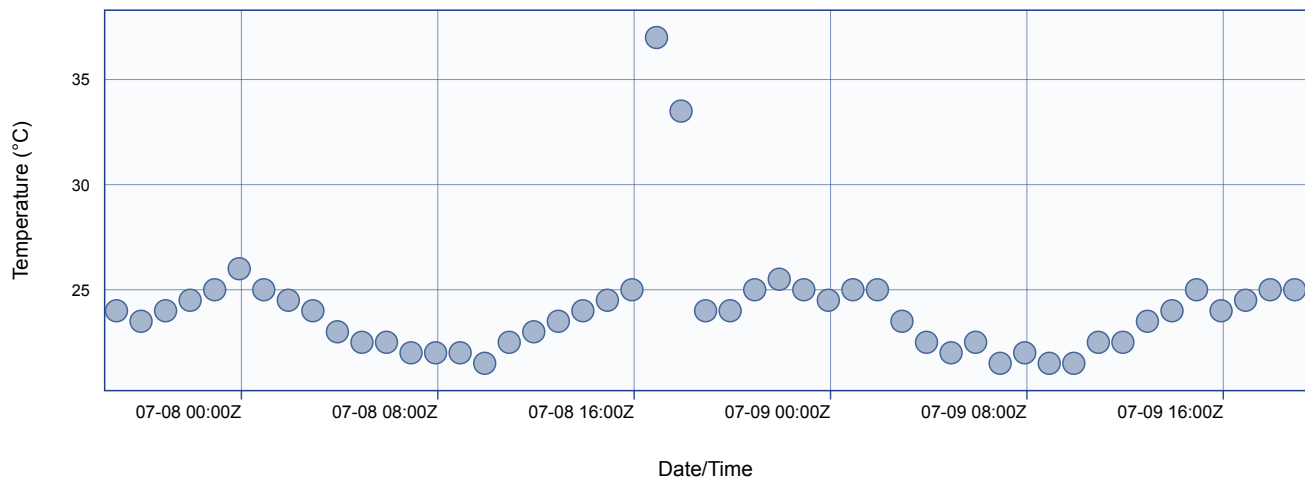
Temperature Trace

Tag 1005 • 160 samples • 23.5–51 °C • 33.3 avg



Temperature Log

Tag 1005 • 49 samples • 21.5–37 °C • 24.1 avg



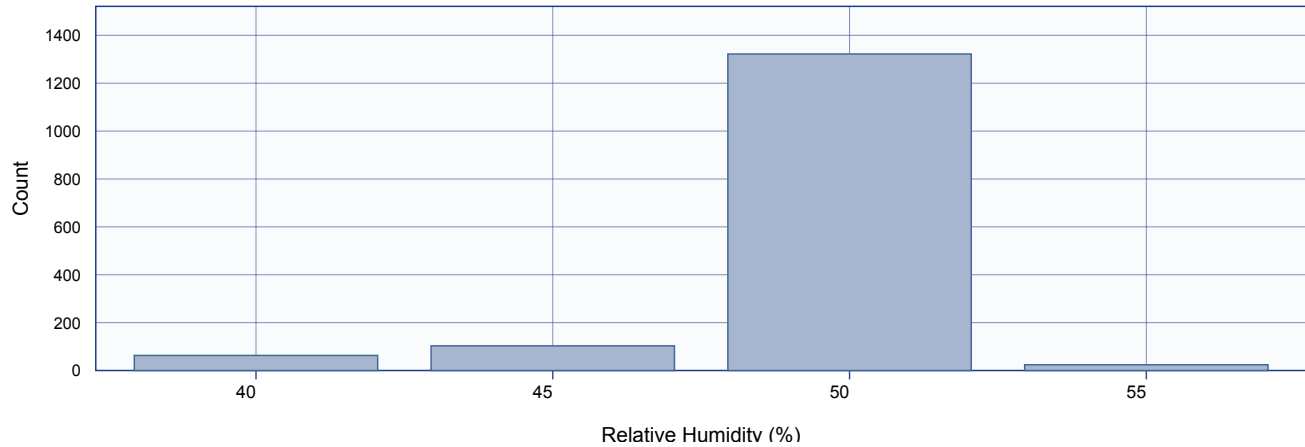
Humidity Summary

Humidity Excursions

Start	Humidity (%RH)	End
2026-07-08-17-22-42	52	2026-07-08-20-01-42

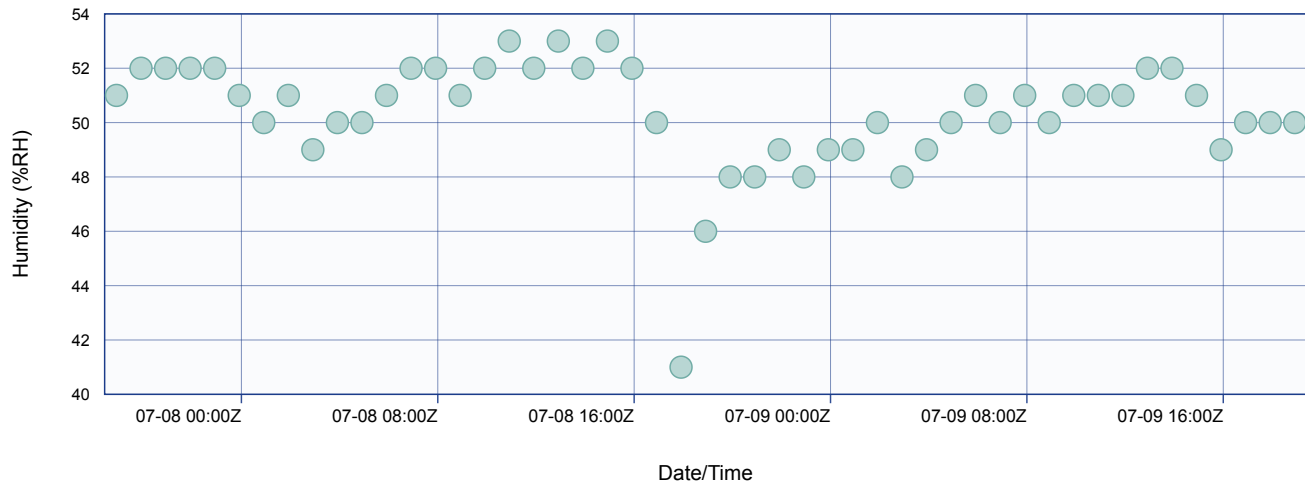
Humidity Histogram

2026-07-09-16-32-10Z • 1512 readings



Humidity Log

Tag 1005 • 49 samples • 41–53 %RH • 50.3 avg



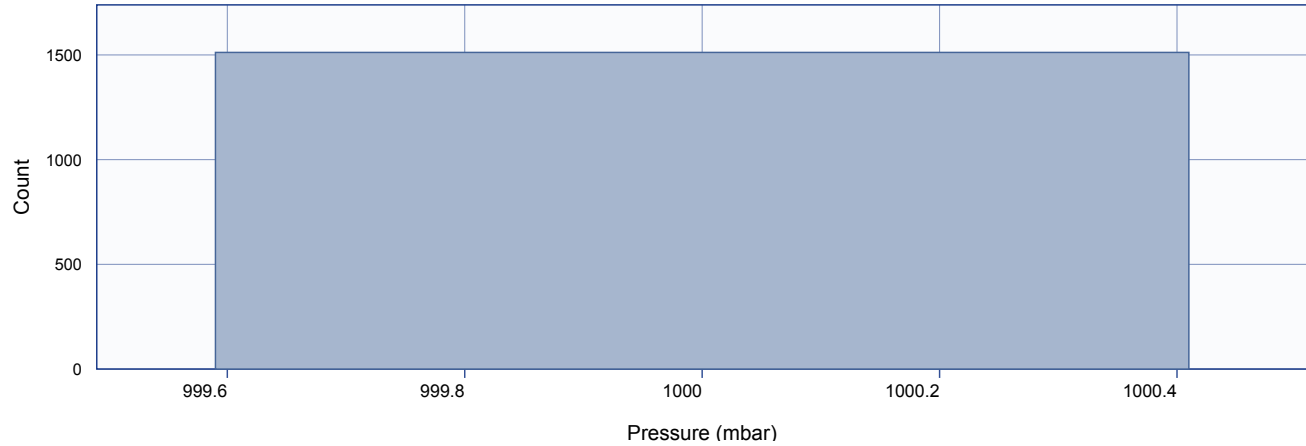
Pressure Summary

Pressure Excursions

Start	Pressure (mbar)	End
2026-07-08-17-22-42	1005.0	2026-07-08-20-01-42

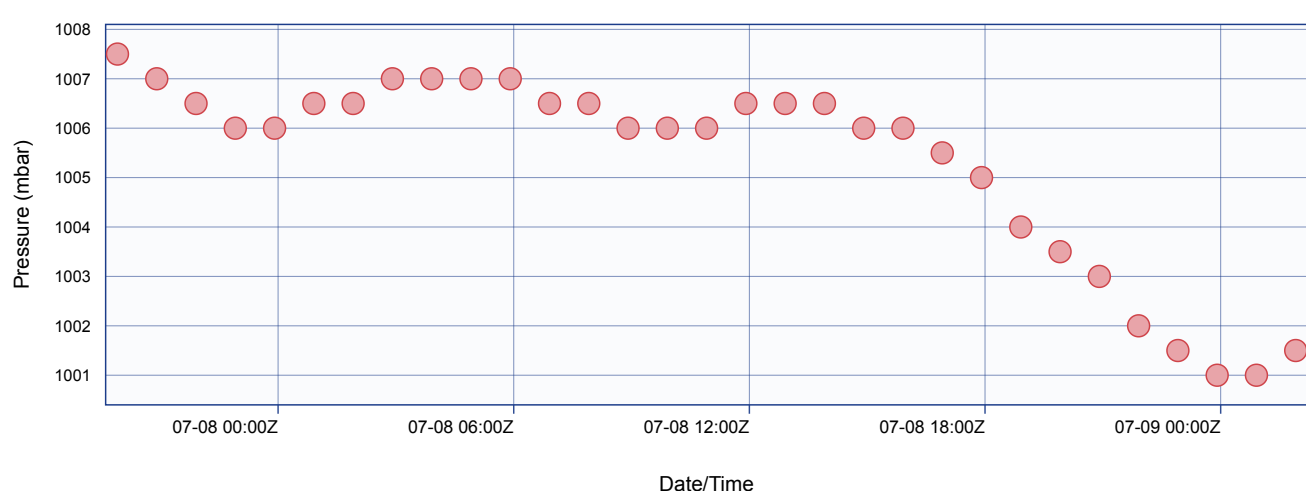
Pressure Histogram

2026-07-09-16-32-06Z • 1512 readings



Pressure Log

Tag 1005 • 31 samples • 1001–1008 mbar • 1005 avg



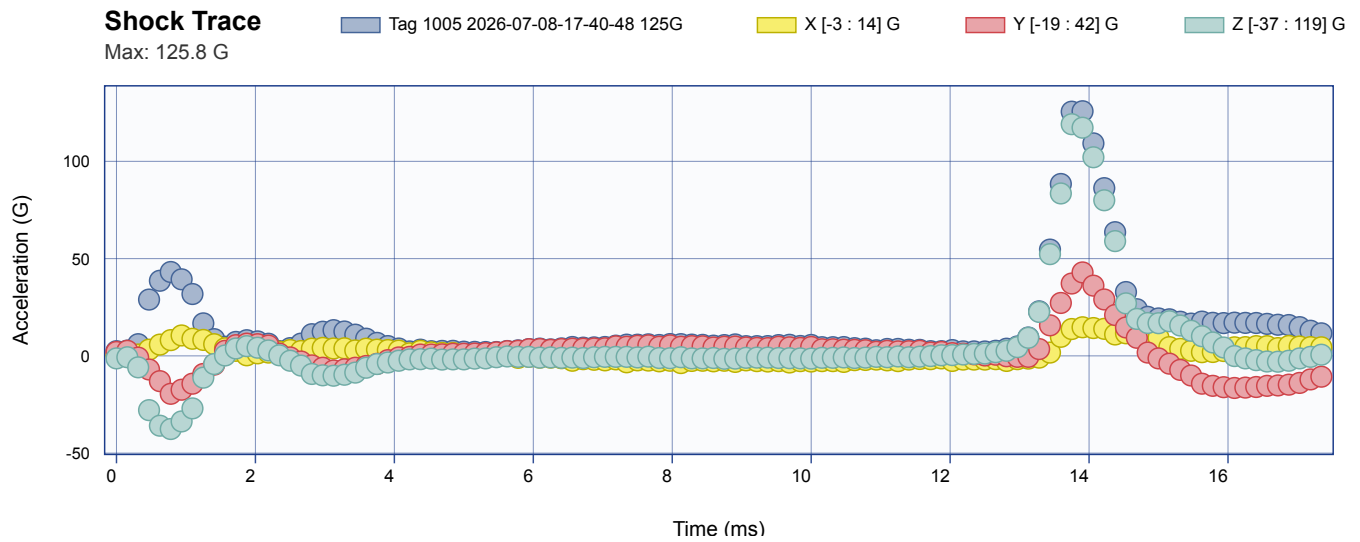
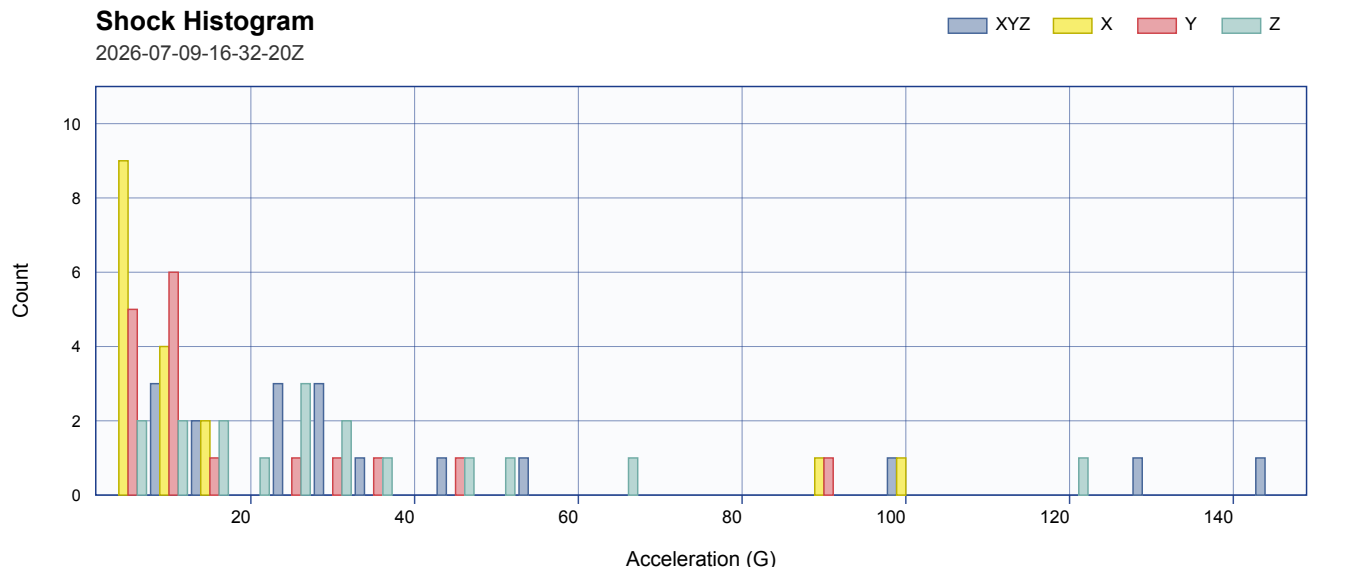
Shock Summary

Shock XYZ Excursion Summary

Date	X (G)	Y (G)	Z (G)	XYZ (G)
2026-07-08-17-40-06	5	7	32	33
2026-07-08-17-40-43	86	32	21	95
2026-07-08-17-40-48	14	42	119	125
2026-07-08-17-40-56	98	89	64	143
2026-07-09-14-10-32	10	29	45	51
2026-07-09-15-30-28	1	4	27	27
2026-07-09-16-07-40	5	9	27	27

Date	X (G)	Y (G)	Z (G)	XYZ (G)
2026-07-09-16-10-26	4	4	44	44

Note: XYZMax is the largest total shock measured at a single point in time. XMax, YMax, and ZMax are independent maximum values that may occur at different points, so they should not be combined or compared directly with XYZMax.



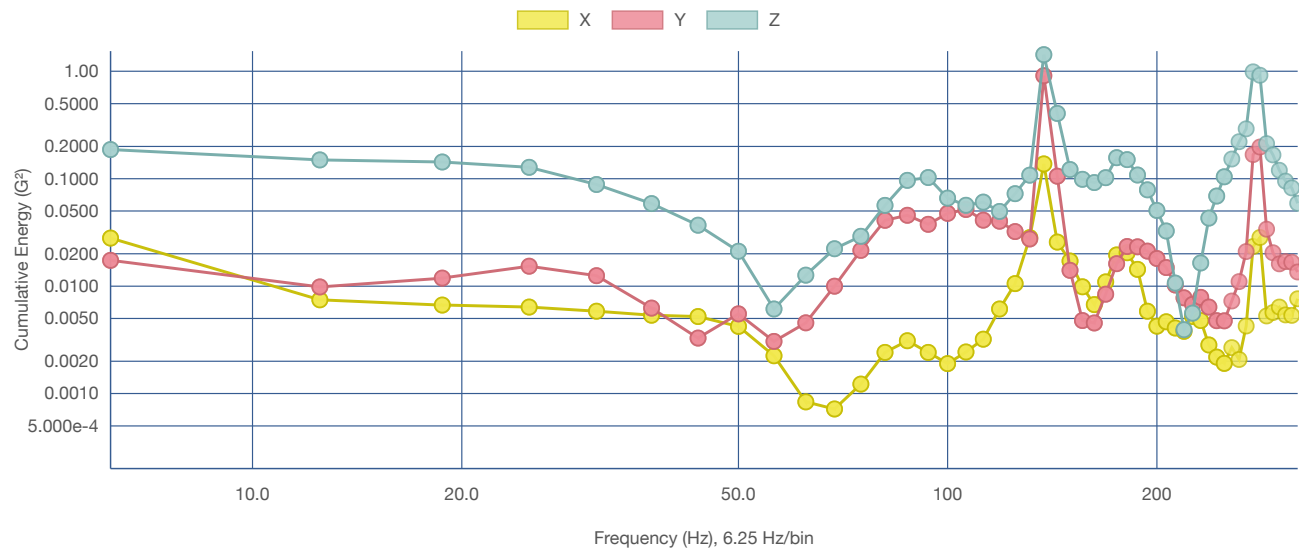
Vibration Summary

Vibration Excursions

Start	Peak	End	PSD Max	Peak G	Hz	Axis	PSD Tot	PSD Avg	Cyc
2026-07-08 16:40	16:40:41	16:40:41	0.0178	0.1335	6.25	X	0.0178	0.0178	1
2026-07-08 17:40	17:40:00	17:40:00	0.9033	0.9504	137.5	Y	0.9033	0.9033	1
2026-07-08 17:40	17:40:00	17:40:00	1.3319	1.1541	137.5	Z	1.3319	1.3319	1
2026-07-08 17:44	17:44:00	17:44:00	0.2302	0.4797	268.75	Z	0.2302	0.2302	1
2026-07-08 17:40	07-09 18:59	07-09 19:00	1.4275	1.1948	137.5	ZΣ	2.170e+3	1.4268	1521

Cumulative Vibration PSD Values

min 2.064e-4, max 1.43, avg 0.0626, 279 points



Source: 1005_psdXYZ_2026-07-08-23-53-50.json, +23-54-08.json, +23-54-21.json, 1005_psdXYZ_2026-07-09-00-07-45.json, 1005_psdXYZ_2026-07-09-00-08-02.json, 1005_psdXYZ_2026-07-09-00-08-17.json • 1070 accumulated PSD cycles • 6.25 Hz/bin • 60 seconds/PSD