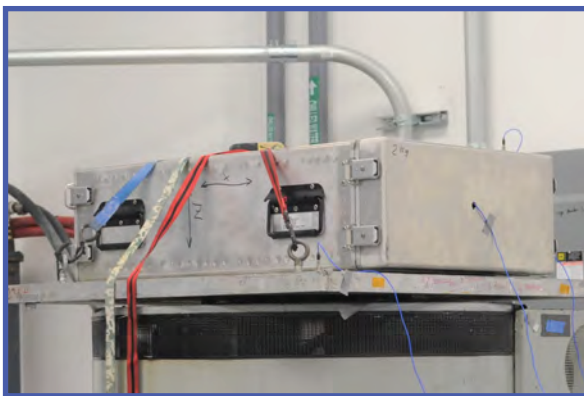


DESAPRO TRANSIT CASE TESTING TO MIL-SPEC

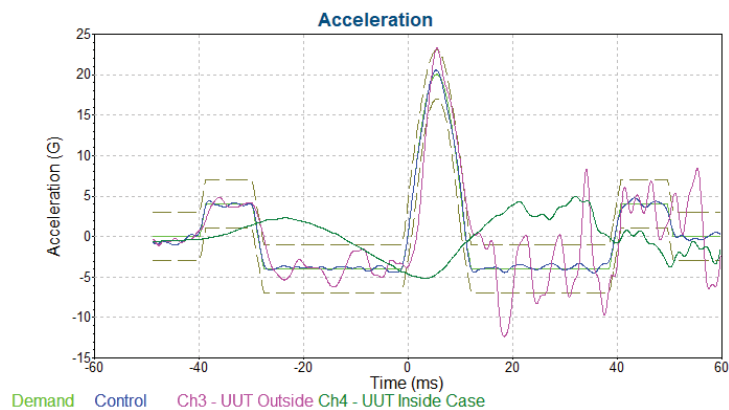
Our cases are tested to the MIL-STD in order to perform to the tough environments they are used and operated in.

LONG DURATION SHOCK & VIBRATION

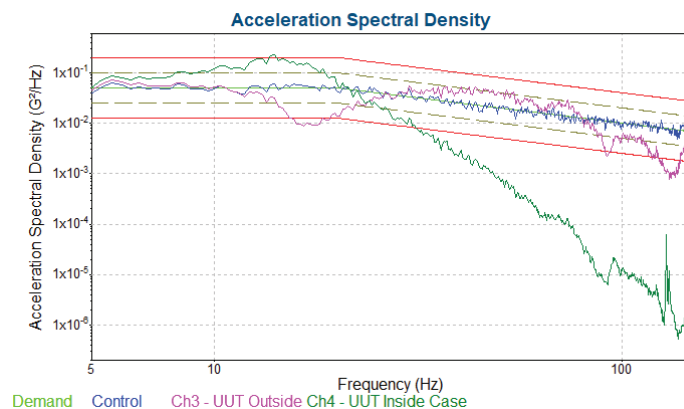
During transport or in operation unwanted mechanical vibration can occur which may have a negative impact on the electronic components mounted in the case. This can be a risk for the operators. MILEX rackmount transit and transport cases are designed to withstand the vibration challenges of military and aerospace applications and they are tested to withstand all the relevant MIL-STD.



SHOCK



VIBRATION










IP PROTECTION AGAINST RAIN/SAND & DUST

At our manufacturing site we perform blowing rain testing according to the MIL-STD 810, Method 510.4. This enables us to deliver cases that meet the required IP protection.



DESAPRO has an excellent rapport with local test laboratories for a wide variety of environmental testing according to MIL-STD 810:

| | | |
|---|---|--|
|  | High humidity, e.g. tropical regions | MIL-STD-810F Method 507.4 held at 60 °C and 95% rH , 2 cycles 48h each. |
|  | <ul style="list-style-type: none"> Sand and wind, e.g. deserts or industrial settings Water damage by rain or transport over water Sun radiation and UV rays | <ul style="list-style-type: none"> MIL-STD 810F, Method 510.4 Test procedure I, dust load 10g/m³, airspeed 1,5 m/s, duration 6h. Jet water-proof IP 65 per EN 60529 (MIL-STD-810) against intrusion of dust |
|  | Aggressive atmospheric conditions, e.g. salt fog at sea | MIL-STD-810F, Method 509.4 held for 96 hours in salt fog atmosphere (5% NaCl, ph-factor 6.5 to 7.2). |
|  | Protection against electrical stress by direct or random high frequency interference | Protection is in accordance with VG 95 373 (EMI/EMC). |
|  | <ul style="list-style-type: none"> Vibration Shock | <ul style="list-style-type: none"> MIL-STD-810F, Method 514.5 Test procedure I, category 4, table C-VII C1 (basic transportation) and C3 tracked vehicle MIL-STD-810F, Method 516.5 Test procedure I and III, 40 g 6 to 9 ms |
|  | <ul style="list-style-type: none"> Vibration Shock | <ul style="list-style-type: none"> MIL-STD-810F, Method 514.5 Test procedure IV, category 4, table C-II MIL-STD-810F, Method 516.5 Test procedure I and III, 40 g 6 to 9 ms |
|  | <ul style="list-style-type: none"> Free Fall | <ul style="list-style-type: none"> MIL-STD-810F, Method 516.5 Test procedure IV. |

Contact DESAPRO today to discuss your specific testing needs. Our Engineering center will consult with you to provide innovative and protective packaging solutions!