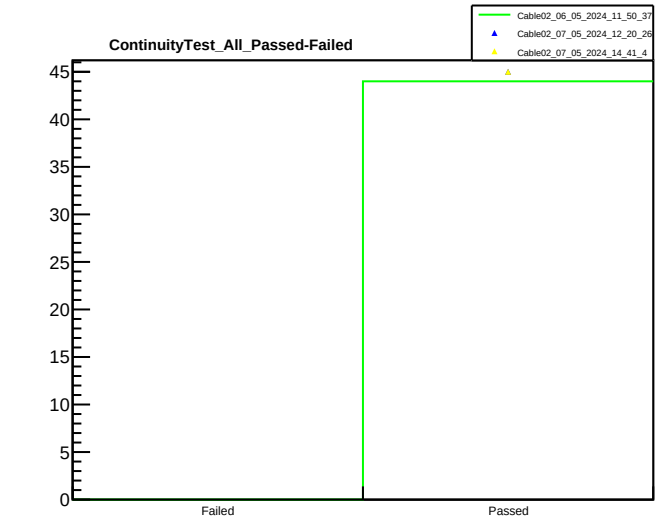
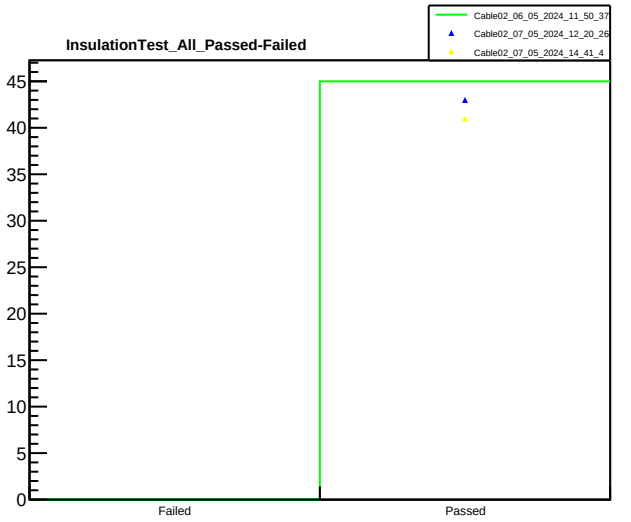
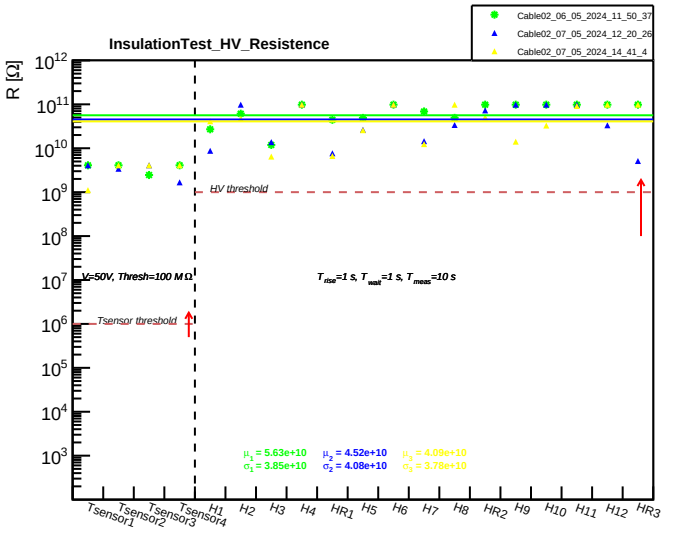
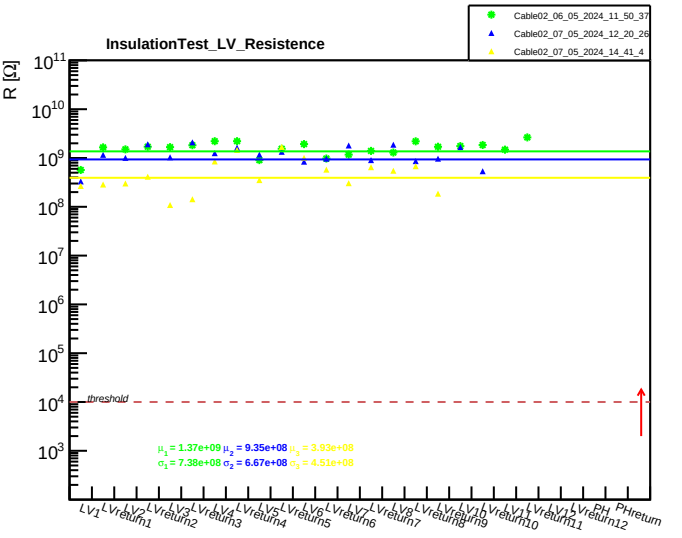
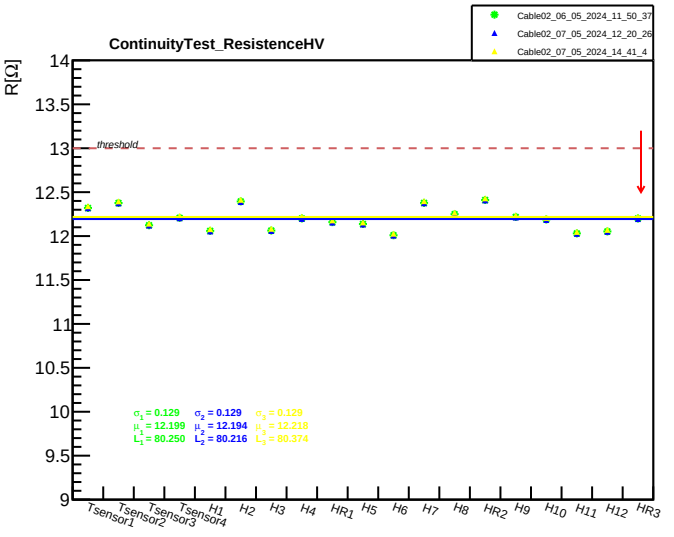
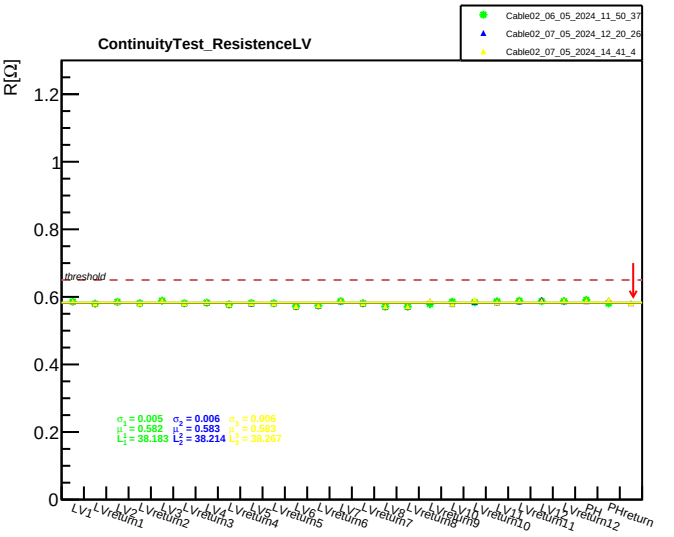

ContinuityTest_All_Passed-Failed
Cable02_06_05_2024_11_50_37
Cable02_07_05_2024_12_20_26
Cable02_07_05_2024_14_41_4
Failed
Passed


InsulationTest_All_Passed-Failed
Cable02_06_05_2024_11_50_37
Cable02_07_05_2024_12_20_26
Cable02_07_05_2024_14_41_4
Failed
Passed


InsulationTest_HV_Resistence
R [Ω]
Cable02_06_05_2024_11_50_37
Cable02_07_05_2024_12_20_26
Cable02_07_05_2024_14_41_4
HV threshold
V=50V, Thresh=100 MΩ
Tsensor threshold
T_{rise}=1 s, T_{wait}=1 s, T_{meas}=10 s
μ_1 = 5.63e+10 μ_2 = 4.52e+10 μ_3 = 4.09e+10
σ_1 = 3.85e+10 σ_2 = 4.08e+10 σ_3 = 3.78e+10
Tsensor1 Tsensor2 Tsensor3 Tsensor4 H1 H2 H3 H4 HR1 H5 H6 H7 H8 HR2 H9 H10 H11 H12 HR3


InsulationTest_LV_Resistence
R [Ω]
Cable02_06_05_2024_11_50_37
Cable02_07_05_2024_12_20_26
Cable02_07_05_2024_14_41_4
threshold
μ_1 = 1.37e+09 μ_2 = 9.35e+08 μ_3 = 3.93e+08
σ_1 = 7.38e+08 σ_2 = 6.67e+08 σ_3 = 4.51e+08
LV1 LVreturn1 LV2 LVreturn2 LV3 LVreturn3 LV4 LVreturn4 LV5 LVreturn5 LV6 LVreturn6 LV7 LVreturn7 LV8 LVreturn8 LV9 LVreturn9 LV10 LVreturn10 LV11 LVreturn11 LV12 LVreturn12 PH PHreturn


ContinuityTest_ResistenceHV
R[Ω]
Cable02_06_05_2024_11_50_37
Cable02_07_05_2024_12_20_26
Cable02_07_05_2024_14_41_4
threshold
σ_1 = 0.129 σ_2 = 0.129 σ_3 = 0.129
μ_1 = 12.199 μ_2 = 12.194 μ_3 = 12.218
L_1 = 80.250 L_2 = 80.216 L_3 = 80.374
Tsensor1 Tsensor2 Tsensor3 Tsensor4 H1 H2 H3 H4 HR1 H5 H6 H7 H8 HR2 H9 H10 H11 H12 HR3


ContinuityTest_ResistenceLV
R[Ω]
Cable02_06_05_2024_11_50_37
Cable02_07_05_2024_12_20_26
Cable02_07_05_2024_14_41_4
threshold
σ_1 = 0.005 σ_2 = 0.006 σ_3 = 0.006
μ_1 = 0.582 μ_2 = 0.583 μ_3 = 0.583
L_1 = 38.183 L_2 = 38.214 L_3 = 38.267
LV1 LVreturn1 LV2 LVreturn2 LV3 LVreturn3 LV4 LVreturn4 LV5 LVreturn5 LV6 LVreturn6 LV7 LVreturn7 LV8 LVreturn8 LV9 LVreturn9 LV10 LVreturn10 LV11 LVreturn11 LV12 LVreturn12 PH PHreturn