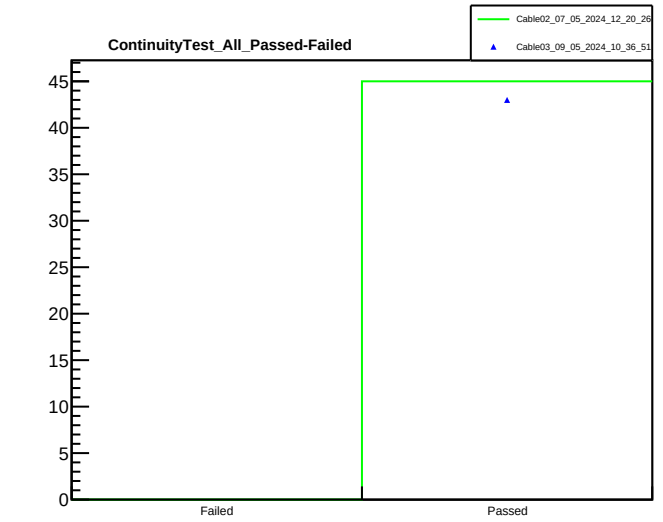
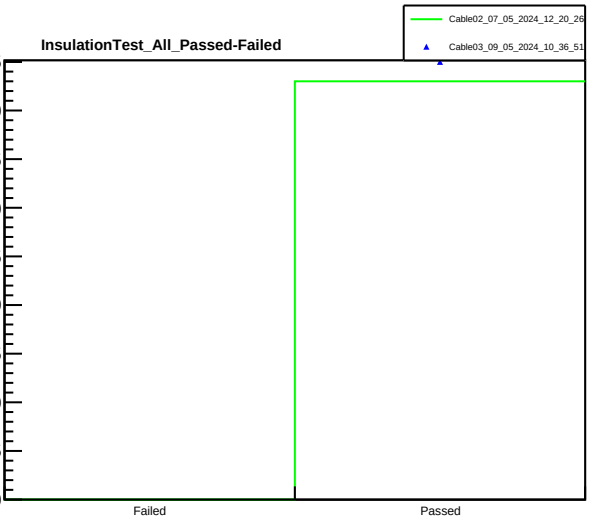
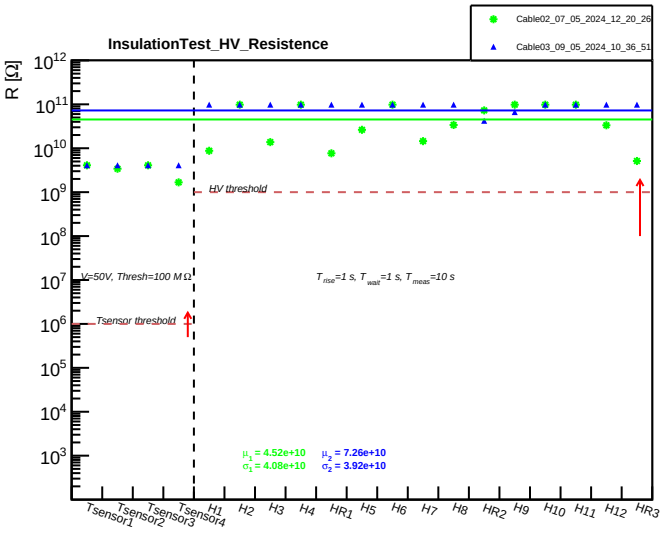
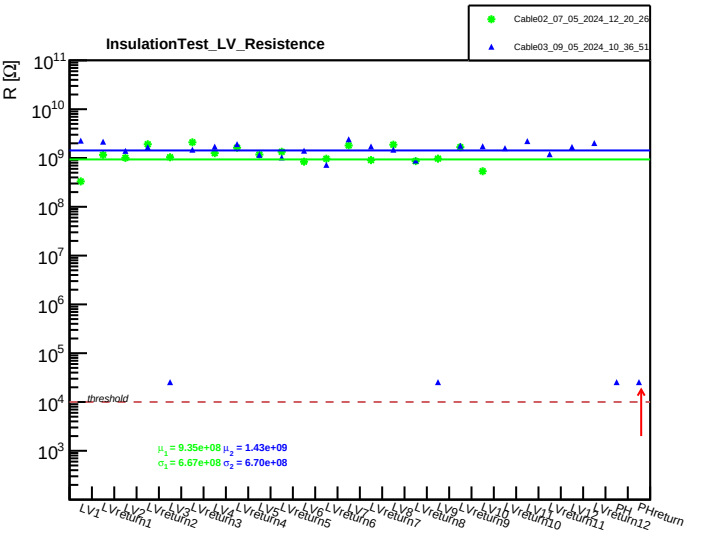
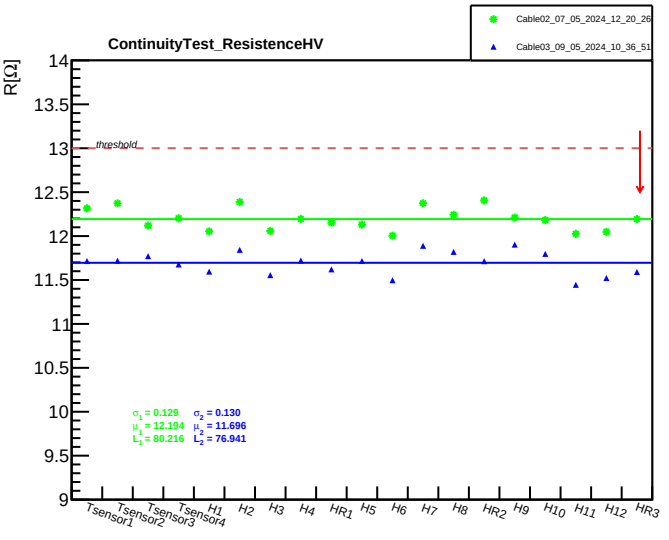
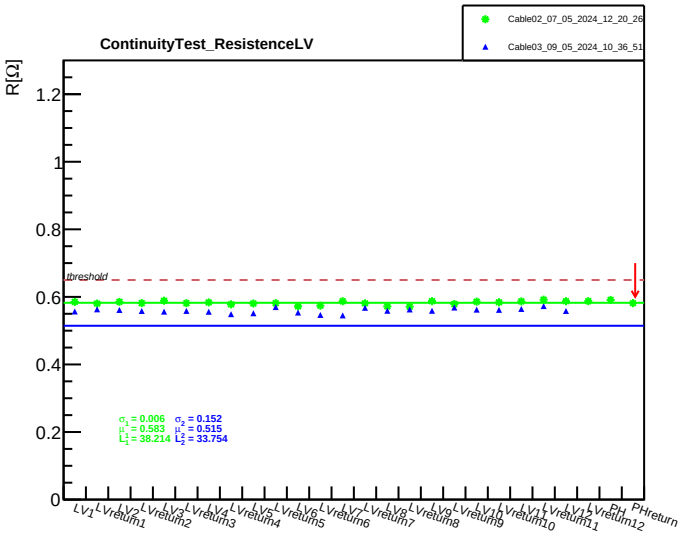

ContinuityTest_All_Passed-Failed
Cable02_07_05_2024_12_20_26
Cable03_09_05_2024_10_36_51
Failed
Passed


InsulationTest_All_Passed-Failed
Cable02_07_05_2024_12_20_26
Cable03_09_05_2024_10_36_51
Failed
Passed


InsulationTest_HV_Resistence
Cable02_07_05_2024_12_20_26
Cable03_09_05_2024_10_36_51
R [Ω]
HV threshold
V=50V, Thresh=100 MΩ
Tsensor threshold
T_{rise}=1 s, T_{wait}=1 s, T_{meas}=10 s
μ_1 = 4.52e+10 μ_2 = 7.26e+10
σ_1 = 4.08e+10 σ_2 = 3.92e+10
Tsensor1 Tsensor2 Tsensor3 Tsensor4 H1 H2 H3 H4 HR1 H5 H6 H7 H8 HR2 H9 H10 H11 H12 HR3


InsulationTest_LV_Resistence
Cable02_07_05_2024_12_20_26
Cable03_09_05_2024_10_36_51
R [Ω]
threshold
μ_1 = 9.35e+08 μ_2 = 1.43e+09
σ_1 = 6.67e+08 σ_2 = 6.70e+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
Cable02_07_05_2024_12_20_26
Cable03_09_05_2024_10_36_51
R[Ω]
threshold
σ_1 = 0.129 σ_2 = 0.130
μ_1 = 12.194 μ_2 = 11.696
L_1 = 80.216 L_2 = 76.941
Tsensor1 Tsensor2 Tsensor3 Tsensor4 H1 H2 H3 H4 HR1 H5 H6 H7 H8 HR2 H9 H10 H11 H12 HR3


ContinuityTest_ResistenceLV
Cable02_07_05_2024_12_20_26
Cable03_09_05_2024_10_36_51
R[Ω]
threshold
σ_1 = 0.006 σ_2 = 0.152
μ_1 = 0.583 μ_2 = 0.515
L_1 = 38.214 L_2 = 33.754
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