

Radiation Measurements on DMILL Devices

>> Calculated 10yr LHC Exposure for TRT electronics:
 $7 \times 10^{13} \text{ N/cm}^2 > 20 \text{ MeV}$, 1.5 Mrad

	Pre Exposure	POWER ON 10^{14} P/cm^2	NOT POWERED 10^{14} N/cm^2
NPN Beta	338	72	58
Resistor Change	XX	+7.5%	+0.75%

DMILL Multi-Stripe NPN transistor Beta
after exposure to
 10^{14} Neutrons (Prospero) Batch 1
 10^{14} Protons (CERN PS) Batch 2

