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## Tests on Damping Braces by Concrete Filled Channel Steel

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The paper presents a follow-up to last year's research project on the Buckling-restrained Brace (BRB), focusing on its damping capacity. As part of the development, we tested BRB with low-yield steel as the core material. The results verified that all the specimens exhibited stable hysteretic behavior up until fracture. In addition, the low-cycle fatigue curve obtained in previous studies for construction structural rolled steel can also be adopted to estimate the behavior of BRBs whose core material is low-yield steel.