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Testing of CVD diamond disks for the torus windows of the ITER EC H&CD system

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Introduction













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with: Q_0 = Quality of the empty resonator, Q_m = Quality of the filled resonator and correction factors F_F (filling factor) and F_1 (loading factor), depending on the surface resistances of mirrors and sample, resonator geometry, resonance frequency and ε_r of the sample; t disk thickness.

Results – Status of work



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