CermitESR_b0frfLoop(B0, B1, cantilever, f_rf, grid, h, magnet, mw_x_0p, sample)
returns: df_spin
graph: cornell_esr_graph
handler: MemHandler
modifiers:
  - replace_component({'magnet': ['Bz_method', 'Bzxx_method'], 'sample': ['J', 'Gamma', 'spin_density', 'temperature', 'dB_sat', 'dB_hom'], 'grid': ['grid_array', 'grid_shape', 'grid_step', 'grid_voxel', 'extend_grid_method'], 'cantilever': ['dk_to_df_ac_cermit']})

Simulates a Cornell-style frequency shift magnetic resonance force microscope experiment in which microwaves are applied for half a cantilever cyclic to saturate electron spin resonance in a bowl-shaped region swept out by the cantilever motion.