



Supplement of

Technical note: Real-time diagnosis of the hygroscopic growth micro-dynamics of nanoparticles with Fourier transform infrared spectroscopy

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Figure S1 Time series of RH downstream of DMA



Figure S2. FTIR spectral characteristics of the SN nanoparticles under humidity conditions from 55% to 85% (RH).



Figure S3. FTIR spectral characteristics of the AS/SN nanoparticles under humidity conditions from 50% to 90% (RH).



Figure S4. FTIR spectral characteristics of the AS/OA nanoparticles under humidity conditions from 55% to 88% (RH).