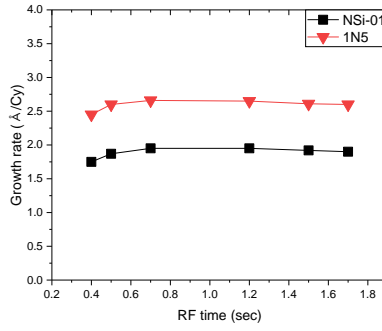
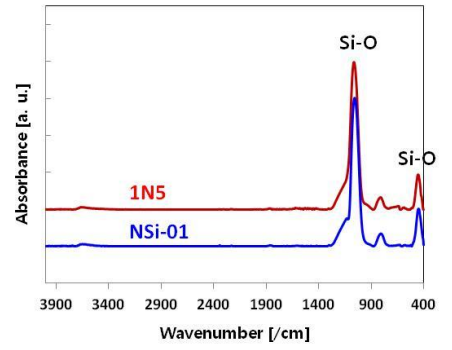


<Fig.1. NSi-01 RF power saturation>



<Fig.2. NSi-01&1N5 RF time saturation>



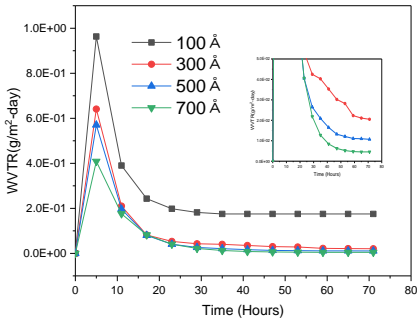
<Fig.3. NSi-01&1N5 FT-IR spectra>

Precursor	Si2p	O1s	N1s	C1s	O/Si ratio
NSi-01	36.3	63.3	0.4	0	1.74
1N5	36.5	63.0	0.5	0	1.73

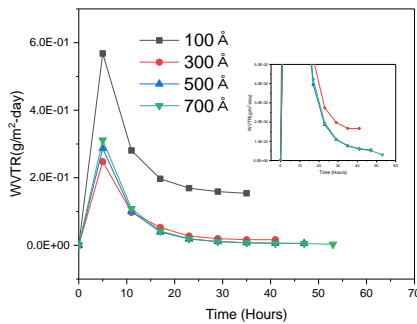
<Table.1. NSi-01&1N5 Composition By XPS>

Precursor	Density [g/cm³]	Transmittance [%]
NSi-01	2.23	99
1N5	2.23	99

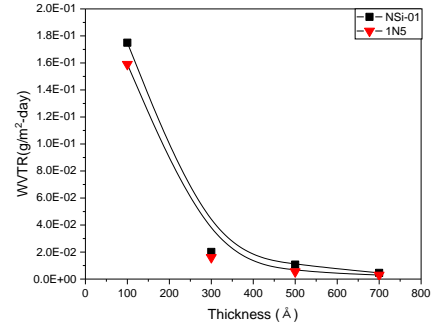
<Table.2. NSi-01&1N5 Density By XRR, Transmittance by UV-Vis.>



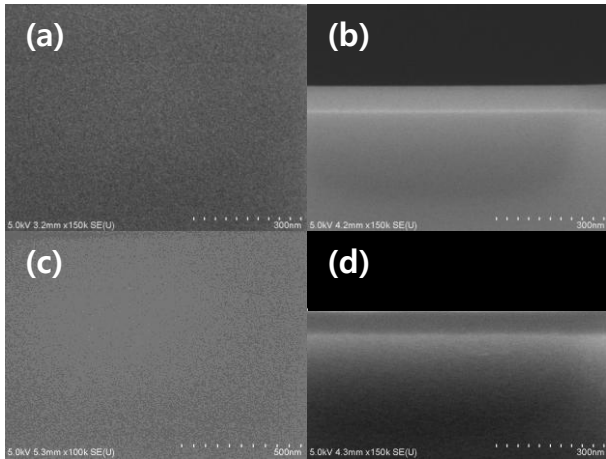
<Fig.4. NSi-01 WVTR trend by thickness >



<Fig.5. 1N5 WVTR trend by thickness >



<Fig.6. NSi-01&1N5 WVTR according to thickness>



<Fig.7. SEM image a) NSi-01 Surface, b) NSi-01 Cross-section, c) 1N5 surface, d) 1N5 Cross-section.