

Supporting Information

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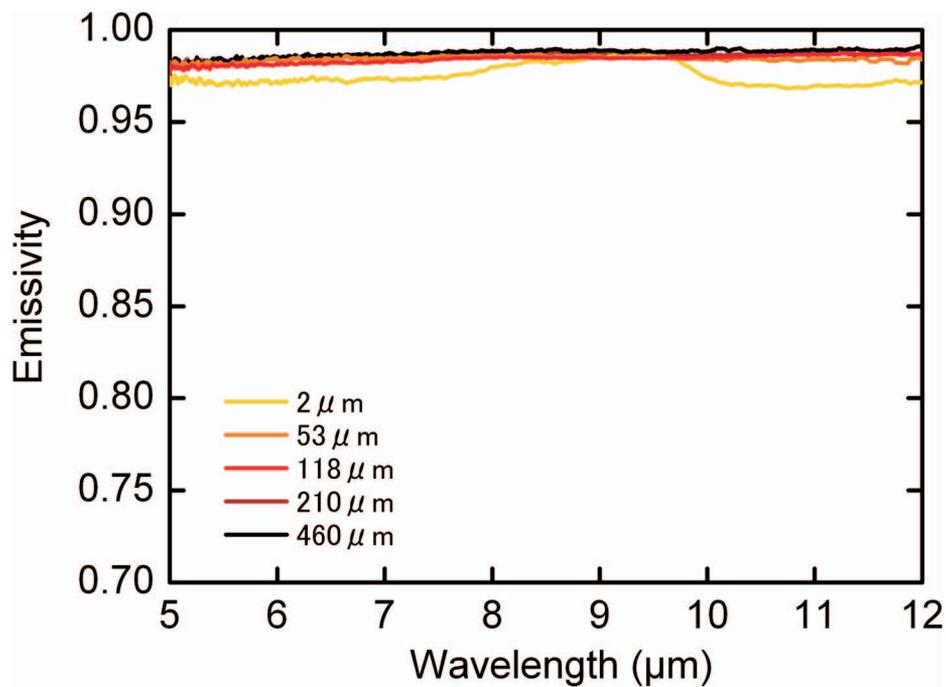


Fig. S1. Normal spectral emissivity of SWNT forests with different thickness.

Table S1. Configuration and result of the 3 reflectance measurements

	UV-to-near IR	Near-to-mid IR	Mid-to-far IR
Wavelength, μm	0.2–2	2–20	25–200
Apparatus			
Spectrometer	Monochromator	FT-IR	FT-IR
Incident angle, $^{\circ}$	8	5	10
Reflection	Hemispherical-directional	Hemispherical-directional	Specular
Detector	PMT, PbS	TGS, MCT	DLATGS
Reference	White reflectance standard	Gold mirror	Aluminum mirror
Result			
Average reflectance	0.0160	0.0097	0.0017
Standard deviation	0.0048	0.0041	0.0027

Detectors are photomultiplier (PMT) and photoconductive lead sulfide (PbS) cell for the UV-near IR region, pyroelectric triglycine sulfate (TGS) and mercury-cadmium-telluride (MCT) for the near-mid IR, and pyroelectric deuterated L-alanine triglycine sulphate (DLATGS) for the mid-far IR.