

Tree species	Site	Thawed		Frozen	
		$\epsilon'_{1\text{cm}}$ average	$\epsilon''_{1\text{cm}}$ average	$\epsilon'_{\text{average}}$	$\epsilon''_{\text{average}}$
Black spruce	OBS	19.20	5.19	3.52 (0.36)	0.36 (0.11)
Larch	OBS	13.63	3.39	4.02 (0.58)	1.49 (0.20)
Red spruce	NEIGE-FM	27.66	7.72	6.57 (0.78)	0.78 (0.35)
Balsam fir	NEIGE-FM	11.14	3.05	—	—
Red pine	SIRENE	19.38	6.26	8.80 (0.31)	3.17 (0.14)
Aspen	SIRENE	21.55 (1.33)	5.49 (0.50)	6.22 (1.12)	2.21 (0.69)
Black cherry	SIRENE	27.20	9.33	9.13 (1.31)	3.23 (0.63)