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Embedded self-powered sensor devices for passive monitoring composite components

Marios, Kaminiotis Gustave Eiffel University, Campus of Nantes DC04



Introduction



Sensor Node





Energy Demands

	SunSpot	MicaZ	IMote2
Sleep (µA)	33	15	390
Processing (mA)	104	8	31-53
Receive (mA)	40	19.7	44
Transmit (mA)	40	17.4	44
Idle (mA)	24	-	-
Supply (V)	4.5-5.5	2.7	3.2
Average (mW)	-	2.8	12





Thank you for your attention

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