



Technical Note

**Measurement of Noise Emission from a Siemens SWT-3.0-113 rev 0,
serial no 3000389**

Performed for Siemens Wind Power A/S

TC-100776

Project no.: T210106

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Title	Measurement of Noise Emission from a Siemens SWT-3.0-113 rev 0, serial no 3000389
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Test Period	03-11-2014

Summary


The noise emission from a Siemens SWT-3.0-113 rev 0 wind turbine (serial no 3000389) situated at Tjørneby near Nakskov - Denmark has been determined. The measurement results are shown in the table below.

Wind speed	[m/s]	6	7	8	9	10
Power	[kW]	2065	2678	2930	3004	2999
LWA, Polynomial	[dB re 1 pW]	104.5	105.3	105.0	104.6	104.5
Rotor rpm	[min ⁻¹]	13.9	14.0	14.0	14.0	14.0
Tonal Audibility ΔL_a	[dB]	-3.5	-1.8	-3.0	2.3	1.6

Remark: The complete test and results are documented in DELTA Test Report DANAK 100/1914rev1: “*Measurement of Noise Emission from a Siemens SWT-3.0-113 rev 0, serial no 3000389*”, dated 23 January 2015.

DELTA, 23 January 2015


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