

### 3 Operating mode 2350 kW s

#### 3.1 One-third octave band level at HH

Tab. 12: One-third octave band level in dB(A), based on wind speed  $v_H$  at hub height

One-third octave band level centre freq. in Hz	$v_H$ in m/s										
	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
20	47.3	48.3	49.5	50.2	51.1	52.0	53.0	53.8	54.6	54.6	54.6
25	52.9	54.1	55.3	56.2	57.1	58.2	59.2	60.0	60.8	60.9	60.9
31.5	57.8	59.1	60.4	61.3	62.4	63.5	64.5	65.4	66.2	66.3	66.4
40	62.0	63.3	64.7	65.8	66.9	68.0	69.2	70.0	70.9	71.0	71.0
50	65.6	67.0	68.5	69.6	70.7	71.9	73.1	74.0	74.9	75.0	75.0
63	68.7	70.2	71.7	72.8	74.0	75.2	76.4	77.4	78.3	78.4	78.4
80	71.4	72.8	74.4	75.5	76.8	78.0	79.2	80.2	81.1	81.2	81.3
100	73.4	74.8	76.4	77.6	78.8	80.1	81.3	82.3	83.2	83.3	83.5
125	74.5	75.9	77.4	78.6	79.9	81.2	82.5	83.4	84.4	84.5	84.7
160	75.3	76.8	78.2	79.4	80.7	82.0	83.3	84.3	85.3	85.5	85.7
200	76.3	77.7	79.2	80.3	81.6	82.9	84.2	85.3	86.3	86.6	86.8
250	77.6	79.1	80.5	81.6	82.8	84.1	85.5	86.6	87.7	88.1	88.4
315	78.9	80.4	81.8	83.0	84.2	85.5	86.9	88.1	89.3	89.7	90.2
400	79.8	81.4	83.0	84.2	85.5	86.9	88.4	89.6	90.9	91.3	91.8
500	80.1	81.9	83.6	85.0	86.4	87.8	89.4	90.7	92.0	92.5	92.9
630	79.9	81.7	83.5	85.0	86.6	88.1	89.7	91.0	92.2	92.7	93.2
800	79.2	81.1	82.9	84.5	86.0	87.6	89.2	90.5	91.7	92.1	92.5
1000	78.7	80.5	82.4	83.9	85.5	87.0	88.6	89.8	91.0	91.3	91.6
1250	78.2	80.0	81.9	83.4	84.9	86.5	87.9	89.1	90.2	90.4	90.7
1600	77.5	79.3	81.2	82.7	84.2	85.7	87.1	88.1	89.1	89.3	89.5
2000	76.1	77.9	79.8	81.3	82.8	84.2	85.5	86.5	87.4	87.5	87.6
2500	74.1	75.9	77.8	79.4	80.9	82.3	83.6	84.5	85.3	85.3	85.3
3150	71.7	73.6	75.5	77.1	78.6	80.0	81.2	82.0	82.8	82.7	82.7
4000	68.7	70.5	72.5	74.1	75.6	77.0	78.2	79.0	79.6	79.5	79.4
5000	64.8	66.7	68.7	70.2	71.8	73.2	74.4	75.2	75.8	75.5	75.3
6300	59.1	61.1	63.1	64.7	66.3	67.8	69.1	69.9	70.5	70.2	70.0
8000	50.7	52.7	54.8	56.5	58.1	59.7	61.1	62.0	62.8	62.6	62.4
10000	39.8	41.8	43.9	45.6	47.2	48.8	50.2	51.3	52.2	52.2	52.1

Tab. 13: One-third octave band level in dB(A), based on wind speed  $v_H$  at hub height

One-third octave band level centre frequency in Hz	$v_H$ in m/s									
	10.5	11	11.5	12	12.5	13	13.5	14	14.5	15
20	54.5	54.5	54.6	54.8	55.2	55.5	55.6	55.6	55.6	55.5
25	60.8	60.8	60.9	61.2	61.5	61.8	62.0	62.0	61.9	61.9
31.5	66.2	66.2	66.4	66.7	67.0	67.3	67.5	67.5	67.5	67.4
40	70.9	71.0	71.1	71.4	71.8	72.1	72.2	72.3	72.2	72.2
50	74.9	75.0	75.1	75.4	75.8	76.2	76.3	76.3	76.3	76.2
63	78.3	78.4	78.5	78.9	79.2	79.6	79.7	79.8	79.7	79.7
80	81.2	81.3	81.4	81.8	82.1	82.5	82.6	82.6	82.6	82.6
100	83.4	83.4	83.6	83.9	84.3	84.6	84.7	84.7	84.7	84.6
125	84.7	84.7	84.8	85.1	85.5	85.7	85.8	85.7	85.6	85.6
160	85.7	85.7	85.9	86.1	86.4	86.5	86.5	86.3	86.2	86.1
200	86.9	87.0	87.0	87.2	87.3	87.4	87.2	87.0	86.8	86.7
250	88.5	88.6	88.6	88.6	88.6	88.5	88.2	88.0	87.8	87.6
315	90.3	90.4	90.3	90.2	90.0	89.7	89.2	88.9	88.6	88.4
400	92.0	92.1	92.0	91.7	91.3	90.9	90.3	89.8	89.4	89.2
500	93.1	93.1	93.0	92.8	92.3	91.8	91.1	90.6	90.2	90.0
630	93.3	93.3	93.2	93.0	92.7	92.2	91.6	91.1	90.8	90.7
800	92.6	92.6	92.6	92.5	92.2	91.9	91.5	91.2	91.1	91.2
1000	91.7	91.7	91.7	91.7	91.7	91.6	91.5	91.5	91.6	91.8
1250	90.7	90.7	90.8	90.9	91.1	91.3	91.5	91.8	92.2	92.5
1600	89.4	89.5	89.6	89.9	90.3	90.8	91.4	92.1	92.6	92.8
2000	87.5	87.6	87.8	88.2	88.8	89.6	90.7	91.5	91.7	91.7
2500	85.2	85.3	85.5	86.1	86.9	88.0	89.4	89.9	89.8	89.7
3150	82.5	82.6	82.9	83.6	84.7	86.2	87.4	87.4	87.1	86.9
4000	79.2	79.3	79.7	80.5	82.0	83.6	84.2	83.8	83.6	83.4
5000	75.1	75.2	75.7	76.8	78.5	79.7	79.7	79.4	79.1	78.9
6300	69.7	69.9	70.5	71.7	73.1	73.8	73.6	73.2	72.9	72.7
8000	62.2	62.3	63.0	64.0	64.9	65.3	65.1	64.7	64.3	64.1
10000	51.9	52.1	52.6	53.3	54.0	54.4	54.1	53.6	53.2	52.9