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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No d’essaie** | 1 | **Opérateur** | Boqiao HUANG | | | **Date** | 15/02/2024 | | **Nb de pales** | | 2 |
| **Configuration initiale** | | | | | | | | | | | |
| Corde (cm) | [2.04, 2.64, 2.76, 2.64, 2.4, 2.04, 1.8, 1.2, 0.84] | | | | Twist (deg) | [45, 34, 29, 23, 18, 16, 14, 13, 12] | | | | | |
| *T* (N) | 3.7 | *P* (W) | 35.5 | *Ω* (RPM) | 5000 | *Lp* (dB) | 38.3 | Position (cm) | | (0,360,0) | |
| **Configuration optimisée** | | | | | | | | | | | |
| Corde (cm) | [2.82, 3.22, 3.60, 2.58, 2.54, 1.92, 1.51, 1.15, 1.11] | | | | Twist (deg) | [34.3, 33.3, 25.9, 24.5, 23.5, 20.3, 16.5, 18.2, 9.9] | | | | | |
| *T* (N) | 4.8 | *P* (W) | 43.9 | *Ω* (RPM) | 5000 | *Lp* (dB) | 40.2 | Position (cm) | | (0,360,0) | |

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| **No d’essaie** | 2 | **Opérateur** | Boqiao HUANG | | | **Date** | 15/02/2024 | | **Nb de pales** | | 2 |
| **Configuration initiale** | | | | | | | | | | | |
| Corde (cm) | [2.04, 2.64, 2.76, 2.64, 2.4, 2.04, 1.8, 1.2, 0.84] | | | | Twist (deg) | [45, 34, 29, 23, 18, 16, 14, 13, 12] | | | | | |
| *T* (N) | 3.0 | *P* (W) | 25.9 | *Ω* (RPM) | 4500 | *Lp* (dB) | 35.6 | Position (cm) | | (0,360,0) | |
| **Configuration optimisée** | | | | | | | | | | | |
| Corde (cm) | [2.41, 3.39, 3.36, 3.49, 3.24, 2.54, 1.73, 1.36, 1.16] | | | | Twist (deg) | [32.7, 29.5, 26.5, 24.6, 22.9, 21.5, 19.1, 18.6, 8.8] | | | | | |
| *T* (N) | 4.8 | *P* (W) | 42.2 | *Ω* (RPM) | 4500 | *Lp* (dB) | 39.8 | Position (cm) | | (0.360,0) | |