**Model status sheet**

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| --- | --- | --- |
| **Model name:** |  |  |
| Single model to check meshing | Is mesh density pattern suitable? |  |
|  | Is the geometry correctly represented? |  |
|  | **Select the most suitable mesh pattern.** |  |
| Single model mesh scan | What is the coarsest mesh which reaches the stable value of wake loss factor? |  |
|  | **Select the most suitable mesh density.** |  |
|  | **Rename results folder to**  **<model name>\_mesh\_scan** |  |
| Single model PEC long wake | What is the appropriate wake length? |  |
|  | Do the time domain and frequency domain wake loss factors agree? |  |
|  | Do the port signals look reasonable? |  |
|  | Are the sanity checks OK? |  |
|  | **Select the most suitable wake length.** |  |
|  | **Rename results folder to <model name>\_PEC** |  |
| Single model lossy | Does the wake length need reducing? |  |
|  | Do the time domain and frequency domain wake loss factors agree? |  |
|  | Do the port signals look reasonable? |  |
|  | Are the sanity checks OK? |  |
| Set up parameter scans | Do any of the geometric changes reduce small gaps further? |  |
|  | PEC or lossy model? |  |
| Parameters scan | Successful? |  |
|  | Details |  |