The STSW-ST25R004 Antenna Matching Tool calculates the matching network for the antennas connected to the devices of ST25R family.

The STSW-ST25R004 software uses Qucs (Quite Universal Circuit Simulator), to simulate the antenna and matching network characteristics.


The STSW-ST25R004 software contains a GUI (Graphical User Interface), to specify the antenna parameters and the target matching. It uses Qucs to perform transient, AC, and S-parameter simulations of the calculated antenna schematic.

AN4974 provides guidance on how to measure the antenna parameters required as input for the STSW-ST25R004 Antenna Matching Tool. With these inputs a proper matching circuit can be calculated.
# Revision history

<table>
<thead>
<tr>
<th>Date</th>
<th>Revision</th>
<th>Changes</th>
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<tbody>
<tr>
<td>05-Jul-2017</td>
<td>1</td>
<td>Initial release.</td>
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