Dear Nordic Semiconductor Team,

Deutsche Telekom AG issues a re-certification for your nRF9160 communication module and nRF9160 Dev Kit:

<table>
<thead>
<tr>
<th>Concept Class</th>
<th>LPWA-enabled, Multi-Mode module (NB-IoT, LTE-M)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deutsche Telekom (DT) Certification Date</td>
<td>14.02.2020</td>
</tr>
<tr>
<td>DT Responsible Entity / Contact</td>
<td>ITS-IVA / Miguel Rodriguez</td>
</tr>
<tr>
<td>Certified Deutsche Telekom Affiliates</td>
<td>NB-IoT (Full certification): AT, CZ, DE, HR, NL, PL, SK*</td>
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<tr>
<td></td>
<td>LTE-M (Limited certification): DE*</td>
</tr>
<tr>
<td>OEM Firmware Version</td>
<td>mfw_nrf9160_1.1.0</td>
</tr>
<tr>
<td>OEM Hardware Version</td>
<td>E218</td>
</tr>
</tbody>
</table>

* Please refer to the OEM Certification Report for Deutsche Telekom Affiliate Country Codes.

NarrowBand IoT (NB-IoT):
Both products are fully certified for 3GPP™ NB-IoT.

LTE Category M1 (LTE-M):
The condition for this LTE-M limited certification is listed below. Until issue topic is addressed, a full technical certification for LTE-M is not granted by Deutsche Telekom. For more details, please refer to Chapter V of the certification report.
- Uplink UDP throughput at Coverage Enhancement Level 0 ("outdoor" coverage) is less than expected

There are no restrictions to the deployment of either product for both technologies on Deutsche Telekom networks. There is verified support for the GSMA TS.34 Radio Policy Manager feature, which ensures no-harm to network / communication efficiency.

Kind Regards,
Deutsche Telekom AG

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