

## Certification

Issued Under the Authority of the  
Federal Communications Commission

By:

DEKRA Testing and Certification, S.A.U.  
Parque Tecnológico de Andalucía, Calle  
Severo Ochoa 2 y 6  
Campanillas - Malaga, 29590  
Spain

Date of Grant: 12/20/2023

Application Dated: 11/30/2023

Nordic Semiconductor ASA  
Otto Nielsens vei 12  
Trondheim, 7052  
Norway

Attention: Niko Balabanis , Certification manager

## NOT TRANSFERABLE

EQUIPMENT AUTHORIZATION is hereby issued to the named GRANTEE, and is  
VALID ONLY for the equipment identified hereon for use under the Commission's  
Rules and Regulations listed below.

FCC IDENTIFIER: 2ANPO00NRF9161

Name of Grantee: Nordic Semiconductor ASA

Equipment Class: PCS Licensed Transmitter

Notes: IOT Module

<u>Grant Notes</u>	<u>FCC Rule Parts</u>	<u>Frequency Range (MHZ)</u>	<u>Output Watts</u>	<u>Frequency Tolerance</u>	<u>Emission Designator</u>
	24E	1850.0 - 1915.0	0.18	1.0 PM	1M11G7W
	24E	1850.0 - 1915.0	0.21	1.0 PM	951KD7W
	24E	1850.2 - 1914.8	0.2	1.0 PM	67KG7W
	24E	1850.2 - 1914.8	0.18	1.0 PM	190KG7W
	27	1710.0 - 1780.0	0.18	1.0 PM	1M11G7W
	27	1710.0 - 1780.0	0.2	1.0 PM	967KD7W
	27	1710.2 - 1779.8	0.2	1.0 PM	61K1G7W
	27	1710.2 - 1779.8	0.18	1.0 PM	189KG7W
	27	897.5 - 900.5	0.2	1.0 PM	1M11G7W
	27	897.5 - 900.5	0.15	1.0 PM	951KD7W
	27	897.8 - 900.2	0.23	1.0 PM	125KG7W
	27	897.8 - 900.2	0.21	1.0 PM	185KG7W
	27	698.0 - 716.0	0.19	1.0 PM	1M11G7W
	27	698.0 - 716.0	0.22	1.0 PM	964KD7W
	27	698.2 - 715.8	0.21	1.0 PM	125KG7W
	27	698.2 - 715.8	0.18	1.0 PM	190KG7W
	27	777.0 - 787.0	0.19	1.0 PM	1M11G7W
	27	777.0 - 787.0	0.19	1.0 PM	945KD7W
	27	777.2 - 786.8	0.21	1.0 PM	126KG7W
	27	777.2 - 786.8	0.18	1.0 PM	190KG7W
	22	824.0 - 849.0	0.19	1.0 PM	1M11G7W
	22	824.0 - 849.0	0.21	1.0 PM	948KD7W
	22	824.2 - 848.8	0.21	1.0 PM	126KG7W
	22	824.2 - 848.8	0.19	1.0 PM	187G7W
	90	814.0 - 824.0	0.18	1.0 PM	1M11G7W
	90	814.0 - 824.0	0.19	1.0 PM	944KD7W
	90	814.2 - 823.8	0.21	1.0 PM	128K5G7
	90	814.2 - 823.8	0.19	1.0 PM	186KG7W

<b>90, 22H</b>	<b>824.0 - 824.0</b>	<b>0.18</b>	<b>1.0 PM</b>	<b>1M10G7W</b>
<b>90, 22H</b>	<b>824.0 - 824.0</b>	<b>0.21</b>	<b>1.0 PM</b>	<b>954KD7W</b>
<b>90, 22H</b>	<b>824.0 - 824.0</b>	<b>0.19</b>	<b>1.0 PM</b>	<b>125KG7W</b>
<b>90, 22H</b>	<b>824.0 - 824.0</b>	<b>0.18</b>	<b>1.0 PM</b>	<b>186KG7W</b>

Output power listed is conducted.

This grant is valid only when the module is sold to OEM integrators and must be installed by the OEM or OEM integrators. This module can only be used when installed in a host device that follows the required instructions for use of a trace reference design and with the antenna type as described in this filing.

The host integrator must follow the integration instructions provided by the module manufacturer and ensure that the composite-system end product complies with the FCC requirements by a technical assessment or evaluation to the FCC rules and to KDB Publication 996369.

The module antenna(s) must be installed to meet the RF exposure compliance separation distance of 20 cm and any additional testing and authorization process as required.

The module grantee is responsible for providing the documentation to the system integrator on restrictions of use, for continuing compliance of the module.

Co-location of this module with other transmitters that operate simultaneously are required to be evaluated using the FCC multi-transmitter procedures. The maximum antenna gain including cable loss for compliance with radiated power limits and RF exposure requirements is 9.0 dBi for LTE FDD 2 frequency band, 6.0 dBi for LTE FDD 4 frequency band, 10.41 dBi for LTE FDD 5 frequency band, 10.70 dBi for LTE FDD 8 frequency band, 9.70 dBi for LTE FDD 12 frequency band, 10.16 dBi for LTE FDD 13 frequency band, 9.0 dBi for LTE FDD 25 frequency band, 6.0 dBi for LTE FDD 66 frequency band, 9.69 dBi for LTE FDD 85 frequency band. The type of antenna evaluated as described in this filing. This device contains functions that are not operational in U.S. Territories. This filing is only applicable for U.S. operations.