Permit to Connect Device to Mobile Network

PTC 257/22/001

31 January 2022

Copyright

PTC257 Details

Section 1: Applicant Details

Company Name		Nordic Semiconductor ASA
Address		Otto Nielsens veg 12
City		Trondheim
Country		Norway
Applicant Name		Jouni Korhonen
Applicant Position in Company		Principal R&D Engineer
Applicant Contact Details	**Email**	Jouni.korhonen@nordicsemi.no
	Phone	+358504873229

Section 2: Device Technology Details

Manufacturer	Nordic Semiconductor ASA		
Device Make & Model	nRF9160-SICA-B1A		
Type of Product	Module		
Hardware Version	nRF9160 DK using nRF9160-SICA-B1A module		
Software/Firmware Version	mfw_nrf9160_1.3.1		
Operating System & Version	Zephyr		
RF Cellular Chipset	Nordic nRF9120		
RF Band Support All supported bands (e.g. NR FR1 n78; LTE FDD 3, 7, 28)	**NR**	**FR1**	N/A
		FR2	N/A
	LTE	**TDD**	N/A
		FDD	1, 2, 3, 4, 5, 8, 12, 13, 18, 19, 20, 25, 26, 28, 66
	UMTS	N/A	
	GSM	N/A	
Mobile Data Category (e.g. LTE DL CAT-20, UL CAT-18; UMTS HSDPA CAT-24, HSUPA CAT-6)	**LTE**	CAT M1, CAT NB1, CAT NB2	
	UMTS	N/A	

Battery	**Manufacturer (s)**	N/A
	Model	N/A

To-Market Power Supply / Charger Model	**Manufacturer (s)**	N/A
	Model	N/A

Section 3: Certification Variations

Listed below are any deviations from the Device Certification standard validation suites.

Certification Variations	There are no variations noted.

PTC257 Approval

1. The applicant listed in section 1 is hereby issued with this PTC for the device listed in section 2 of this document.

2. This document confirms that the device listed in section 2 has completed Spark New Zealand Device Certification, in accordance with the Permit to Connect (PTC) Certification process which includes compliance with Spark New Zealand regulatory requirements or undertakings with the Ministry of Business, Innovation and Employment (MBIE), Commerce Commission, and relevant New Zealand safety standards.

3.

4. Spark New Zealand reserves the right to suspend or revoke any PTC approval and/or take any necessary actions to deny or prevent access to the Spark New Zealand network or network services, as defined under S.106, Telecommunications Act 2001.

Spark PTC Number	PTC 257/22/001
Approved Date	31 January 2022
Approver	 Mahendra Sadaye Chapter Lead, Device Technology & Certification Value Management CoE Spark New Zealand