

Prepared (also subject responsible if other) Avul Nzenza		No. TA8BKRY901551		
Approved	Checked	Date 19 June 2026	Rev A	Reference

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Nemko Canada Inc.
303 River Road, Ottawa, Ontario, Canada,
K1V 1H2

Attn: Director of Certification

19 June 2026

Request Letter for Data Referencing

FCC ID: TA8BKRY901551

PMN: Dot 4455 B77DB77GB41 & Dot 4465 B77DB77GB41

Ericsson proposes to introduce a new FCCID/IC ID for the existing/certified Dot 4465 B77DB77GB41 and its variant, Dot 4455 B77DB77GB41.

The new Dot the certified Dot 4465 (Bands B77D, B77G, B41) is unchanged from the previous version, with the exception of a 1 dB increase in output power on B77D

Our proposed FCC regulatory approval strategy:

- While full testing is required for B77D, we request that the new Dot certification be completed by reusing the existing certified Dot 4465 test report for B77G and B41.

Product with new ID:

Dot 4455 B77DB77GB41 & Dot 4465 B77DB77GB41

FCC ID: TA8BKRY901551 (family with 2 variants (Dot 4455 B77DB77GB41 & Dot 4465 B77DB77GB41))

Referenced Product (certified):

Dot 4465 B77DB77GB41

FCCID: TA8AKRY901551-1 and TA8AKRY901551-2

Both products are the same, with the only change being a 1 dB increase in Band 77D power. A few component values have been updated to accommodate the 1 dB change.

There are no other changes as described in the following:

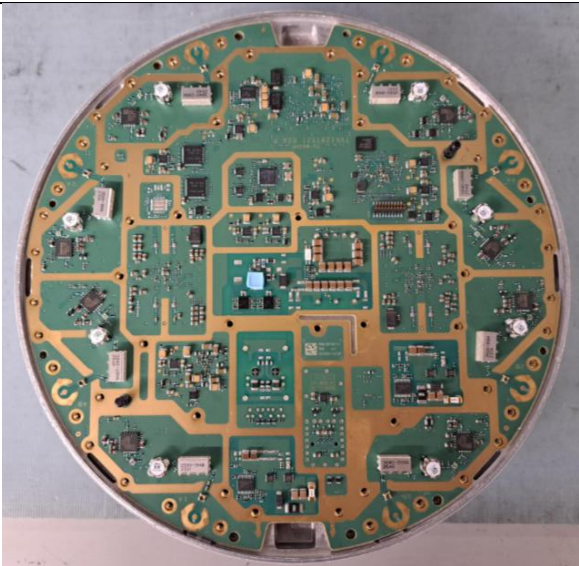
1. Same maximum power level and PCB design for B77G and B41 circuits.
2. Same schematics and components for B77G and B41

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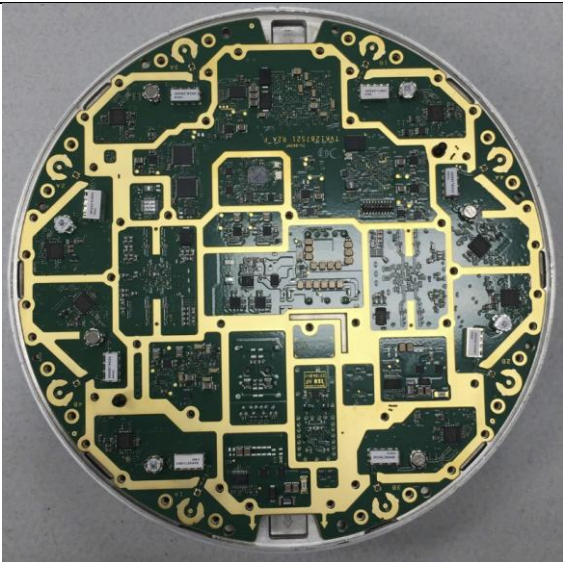
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- 3. Same mechanical design (including heatsink and shields)
- 4. Same interface for power and input signals
- 5. Same internal antennas and external RF ports

There are some internal pictures showing that they have the same PCB with part number TVK 128 7421.



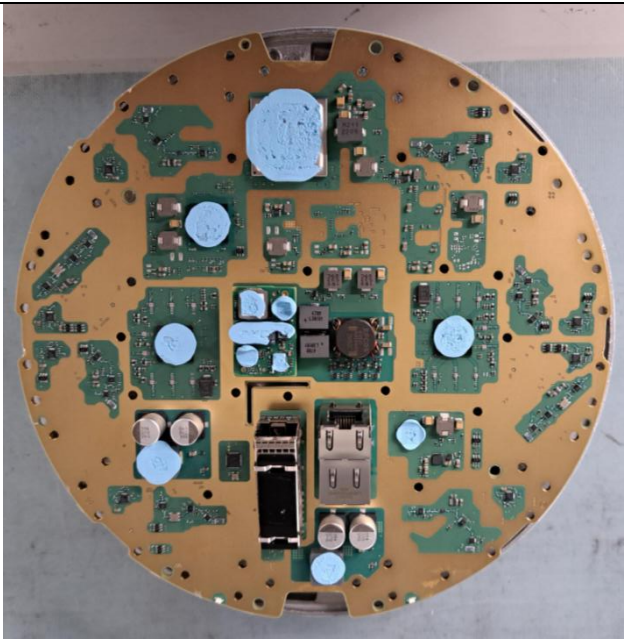
PCB primary side of the new Dot



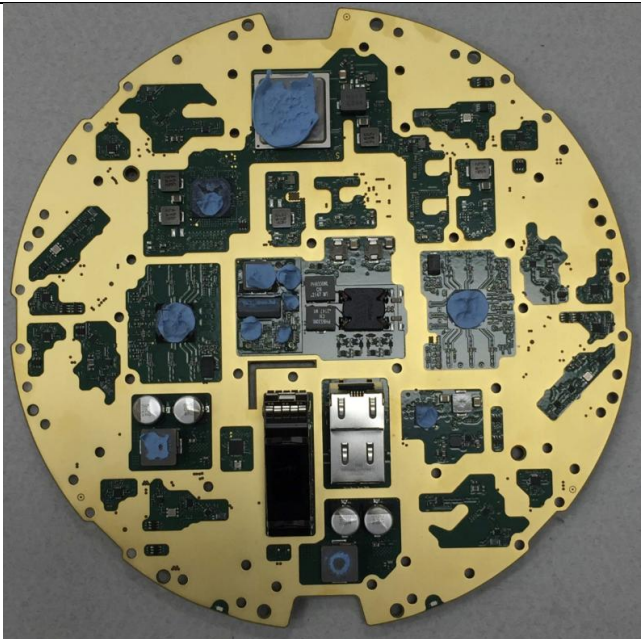
PCB primary side of referenced product Dot 4465

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PCB primary side of the new Dot



PCB secondary side of referenced product Dot 4465



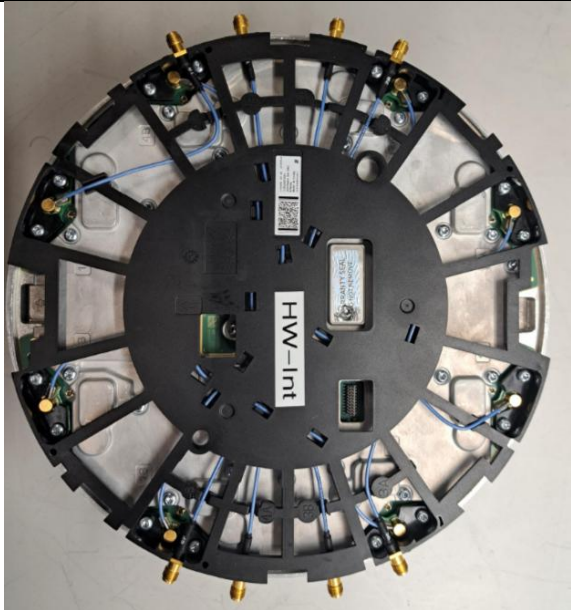
PCB primary side of the new Dot



Antenna assembly of referenced product Dot 4455

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PCB primary side of the new Dot



Cable carrier of referenced product Dot 4465

Spot check measurements

We will run radiated and conducted emissions spot check measurements for B77G and B41 of Dot 4465 B77DB77GB41 on the new product version to demonstrate that they are the same or lower than the referenced Dot for band B77G and B4125 and band 66.

Here is the proposed test plan:

Test Plan for FCC Compliance: B25 and B66

Reference Document

FCC KDB Publication 484596 D01: Referencing Test Data v02 r03 (March 26, 2024)

Test Procedures and Results

1. Worst Case Output Power Measurement

Methodology:

- Remeasured according to FCC Part 24 and FCC Part 27 requirements

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- Compared to the referenced model

Acceptance Criteria:

- Within ± 3 dB tolerance of the referenced model
- Not exceeding the specified limit

2. Worst Case Spurious Emissions Test**Methodology:**

- Remeasured according to FCC Part 24 and FCC Part 27 requirements
- Compared to the referenced model

Acceptance Criteria:

- Within ± 3 dB tolerance of the referenced model
- Not exceeding the specified limit

Regards,

**Avul Nzenza**

EMC and ENV Verification Engineer

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