

DAMM Cellular Systems A/S  
Møllegade 68  
DK-6400 Sønderborg  
Denmark

E-mail: dcs@dammm.dk

Phone: +45 7442 3500  
Fax: +45 7442 3230

CVR no. 71257010

www.dammcellular.com

To  
**Nemko North America, Inc.**  
303 River Road, Ottawa, ON K1V 1H2 Canada  
Attn: Director of Certification

19 December 2022

**FCC ID: Z5W-10522x43**  
ISED certification number: **IC: 10159A-10522x43**

HVINs/Models: 10522143, 10522243, 10522145

Types: BS422-S, BS422-SP, BS422-S

**Family Certification request letter**

We hereby request Family Certification for the above mentioned HVINs/Models based on them being electrically, and physically identical apart from model name/number.

The BS422-S and BS422-SP have the same standard RF output power and the BS422-SP have a build-in Power supply.

1. *Electrically identical:*
  - a. Yes – all tests are carried out are Electrically identical on all models because there is no duplex filters included in the setup.
  - b. No - A duplex filter can be adjusted to have a 5 MHz spacing instead of 10 MHz or a different passband within the whole 10 MHz range. This difference can be seen between x43 and x45 numbers.
2. Have the same *antenna type/gain*?
  - a. Yes – all tests are carried out on the N-connector antenna interface and thereby all models behave the same. Recommended max. antenna gain is 5.2 dBi
3. Have the same *enclosure*?
  - a. No – the back side of the enclosures on the BS422-SP have been extended by 40 mm for the build-in 115/230 Vac Power supply.
  - b. Yes – the Radio Part and Heat sink enclosures are the same for all the BS422-S and BS422-SP types.

Sincerely,

Signed by:

  
Signature

**Moritz Hynkemejer**

Print name

Senior Advisor & Board Member

Title

+45 7442 3500

Phone