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To whom it may concern.

Ref: FCC ID: 2AYCGXSI02 ISED IC: 26881-XSI02
2AYCGXSI03 26881-XSI03

Sample size B - Reason for choice

In both families (HVX and HVX+) the boards hosting the antennas are invariant that is:

- The board on HVX family embedding the radio and the antenna is the same for all the devices of the same HVX family.
- The board on HVX+ family embedding the radio and the antenna is the same for all the devices of the same HVX+ family.

The difference between the partial tests set and the complete tests set, from RF point of view, are only related to the RF conducted measures (that is the complete tests involve RF conducted measures in addition to radiated measures that are anyway realized on all the kinds of samples).

In these terms, that is in terms of RF conducted measures, the choice of the configuration of the other boards or the embedding of the radio board inside the device have no incidence on the results since the decoupling in terms of power supply and in terms of interfaces does not depend on configuration or on the size of the final device (size B, size C, size D).

For these reasons the choice of the sample on which performing the complete measures fell on the most manageable model (that is the size B model for both families).

Sincerely,

Mauro Caldarde

