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Declaration concerning Antenna Specification

It is hereby declared that the product

Model No.: DF1 plus, DF2 plus, DF3 plus, DF4 plus
FCC ID: 2A6NX-DFS1TOS4

fulfills the requirement in FCC test relating to the antenna type.

The device specified above confirms to the FCC recommendations for internal antenna type described below:

Model No. of antenna: n/a
Type of antenna: Simple Wire attached to the rotor.
Permanently attached to the rotor coil. Fixed with fibre glass.
Photos and dimensions are attached in Appendix A and B.

Antenna Gain: n/a
All required Measurements have been performed as radiated measurements – hence no additional details on maximum antenna gain to be provided along this application. For the respective measurements please refer to test report No: EMCC-160562C .

The mounting of the antenna is fixed to the radio module and no other antenna should be used.



Signature

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Division Manager Torque Sensors & Actuators

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Appendix A: Dimensions antenna DF1 plus – DF4 plus

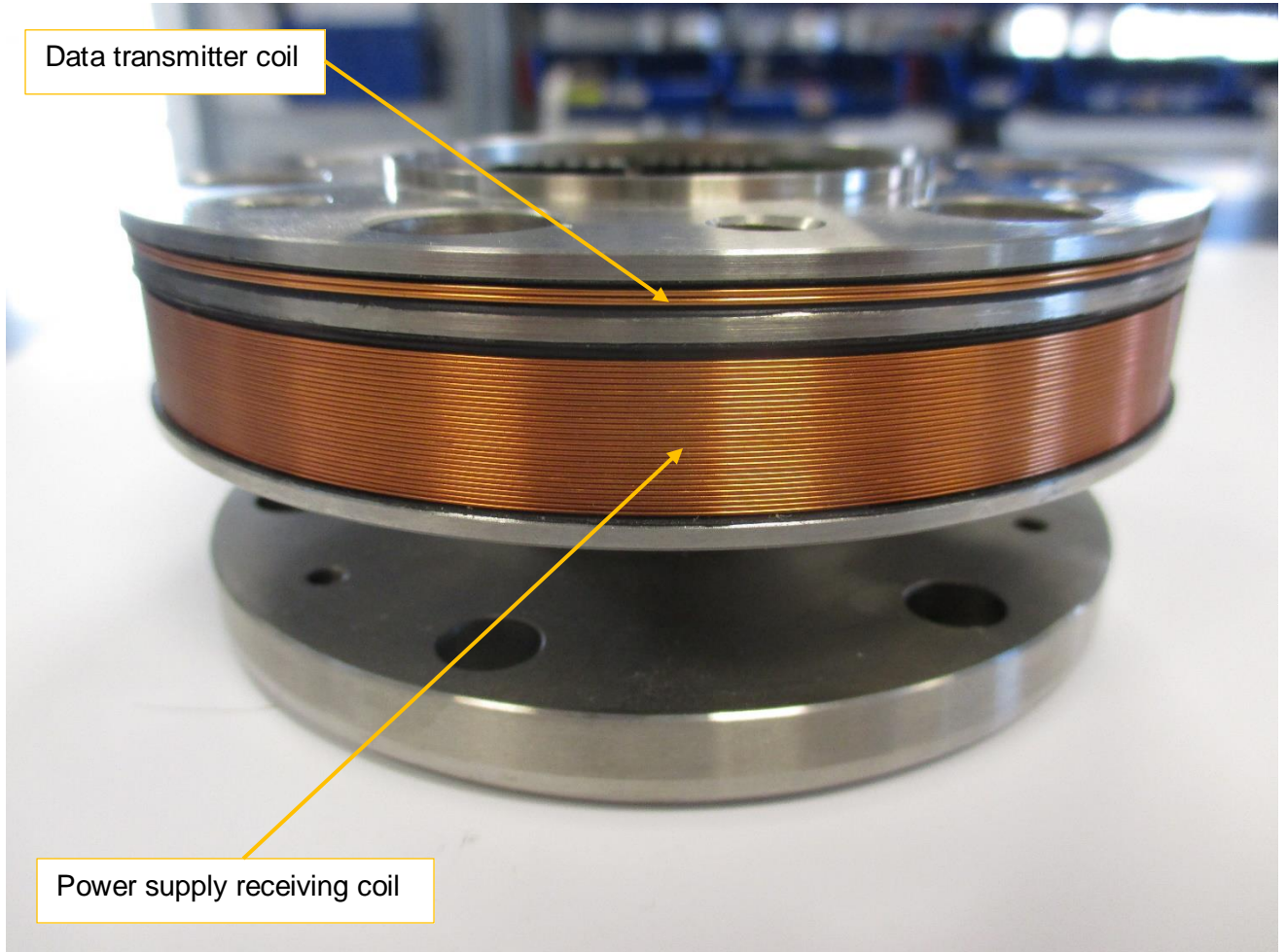


Figure 1: Rotor antenna

Model	DF1 plus	DF2 plus	DF3 plus	DF4 plus
Coil diameter	107 mm	128 mm	158 mm	187 mm

Table 1: Coil diameters

Appendix B: Dimensions antenna DF Stator plus

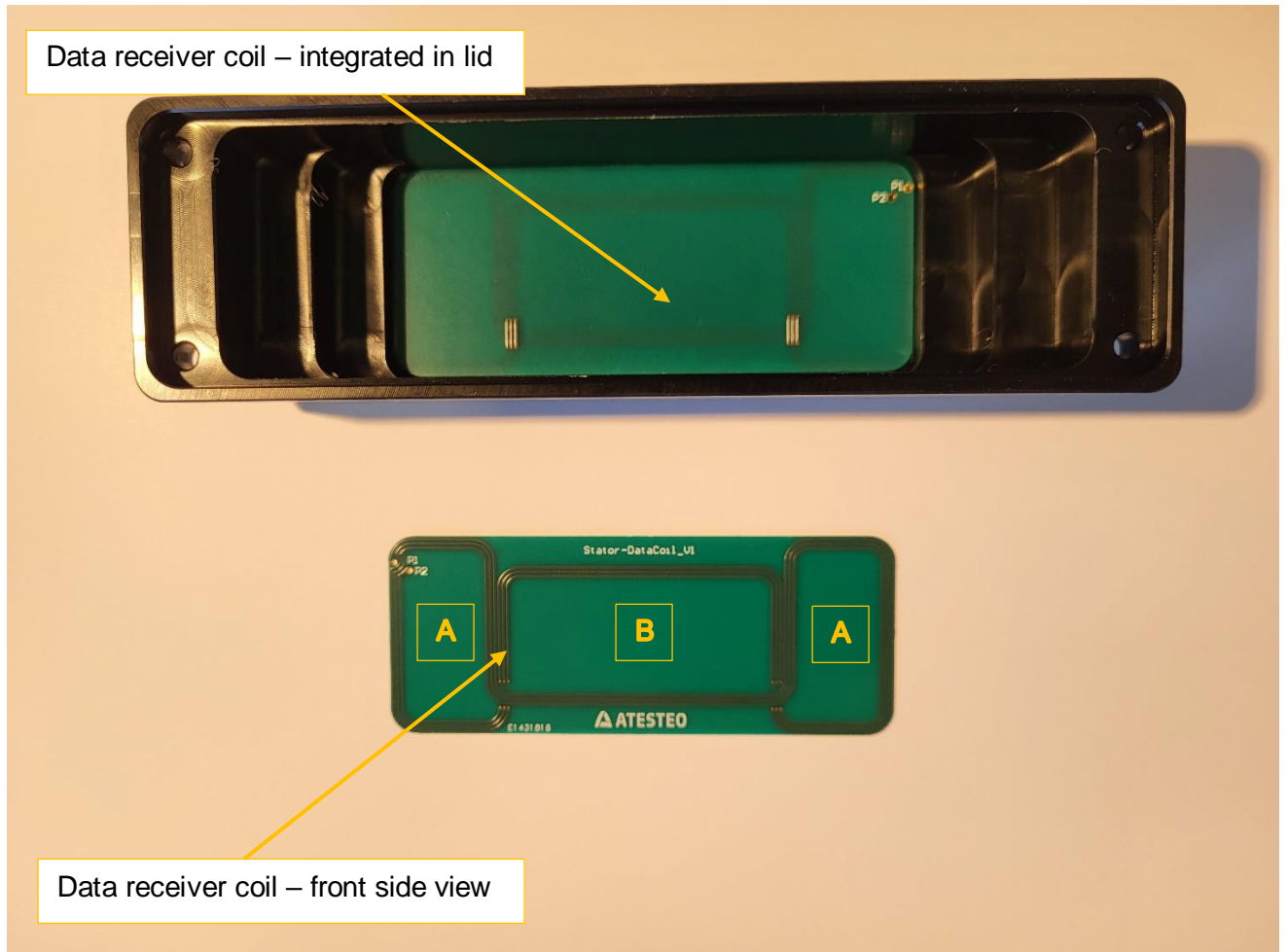


Figure 2: Data receiver coil DF Stator plus (for all models same dimensions)

Coil part	A	B
Coil dimensions (LxW)	15 mm x 28 mm	42 mm x 20 mm

Table 2: Coil diameters