

Cellular Highways Ltd
Building 7100, Cambridge Research Park
Beach Drive, Waterbeach CB25 9TL
United Kingdom



Declaration concerning Antenna Specification

It is hereby declared that the product

Model No.: A10000-1001

FCC ID: 2BD8H-HIGHWAY1

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

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

Model No. of antenna: Pulse W7013

Type of antenna: Ferrite Backed Inductive Loop

Peak Gain of each antenna: 0 dBi

Frequency range: 13.56 MHz

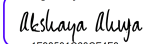
The mounting of the antenna is fixed to the radio module, and no other antenna should be used. The antenna loop size is 25 x 30 mm. Please find the antenna diagram on the next page.

Company name: Cellular Highways Ltd

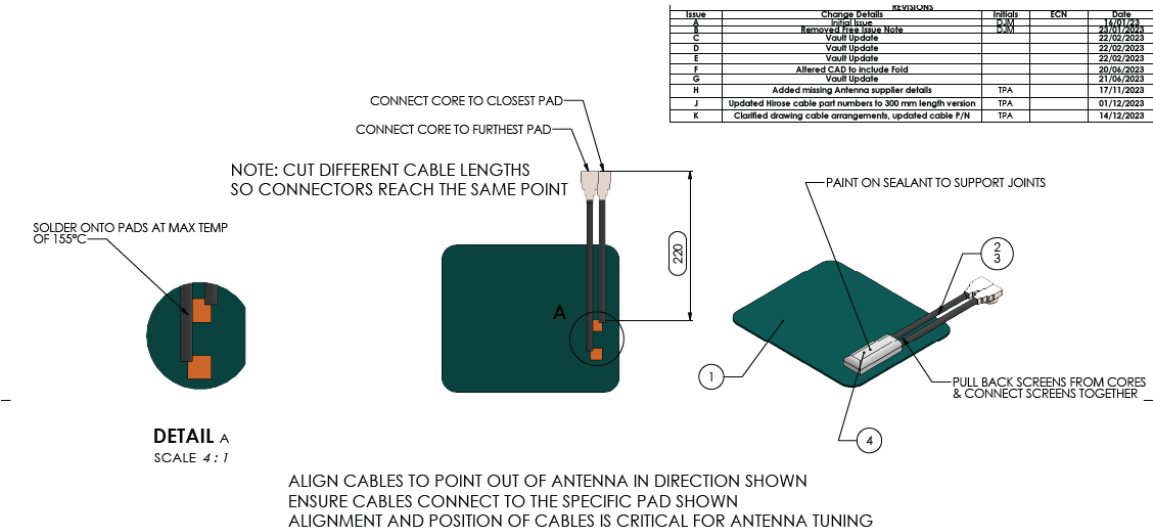
Address: Building 7100,
Cambridge Research Park,
Beach Drive,
Waterbeach,
Cambridge,
CB25 9TL
United Kingdom

Date: 2026-05-18

Signature:

Signed by:

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Akshaya Ahuja

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NOTES - ELECTRICAL:

1. CABLE ASSEMBLY MUST BE MANUFACTURED USING UL APPROVED COMPONENTS AND MATERIALS
2. FINISHED CABLE ASSEMBLY MUST BE ROHS COMPLIANT AND COMPLY WITH WORKMANSHIP STANDARDS OF IPC-A-620 CLASS 2
3. DIMENSION SHOWN ENCLOSED IN AN OBOUNDED BOX ARE CRITICAL DIMENSIONS
4. USE APPROPRIATE CRIMP TOOLS
5. FINISHED ASSEMBLY TO BE STORED IN CLEAN PACKAGING; POLY BAG OR SIMILAR AND IDENTIFIED

CUT BOTH CABLES FROM SINGLE PART

ITEM NO.	PART NUMBER	DESCRIPTION	Default/ QTY.
1	10000-3194	NFC Antenna (Pulse Larsen W7013)	1
2	10000-4040wire	Hirose coaxial cable assembly (U.FL-2LPHF8-088N2T-A-500)	1
3	10000-4040wire2	Hirose coaxial cable assembly (U.FL-2LPHF8-088N2T-A-500)	1
4	1000-4040strainRelief	Black Silicone Sealant	1

