TCU-FITAX-3.5

DSRC OBU

Internal Photos Version 01.01

FICOSA
International

Version:	V01.00	V01.01								
Author:	MVT	MVT								
Date:	21/05/20	22/05/20								

Revision History:

Date	Version	Description
21/05/2020	V01.00	First Version
22/05/2020	V01.01	Figure 2 updated to remark the relevant components.

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Acronyms

OBU	On Board Unit
DSRC	Dedicated Short Range Communications
V2X	Vehicle-To-Everything

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1. Introduction

The purpose of this document is to show both internal photos of the OBU to support FCC Certification.

The acronym DSRC stands for "Dedicated Short Range Communications" which is the technology that allows V2X communications based on Standard 802.11p.

The following data is related to the DSRC OBU for what concerns FCC Certification.

- Model Name: TCU-FITAX-3.5
- FCC ID: 2AVOU-AAA2020FTX35

In addition, the Main Board contains an LTE Module with P/N being SC20ASA-8GB-STD, the FCC ID of which is: ***XMR201706SC20A***

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2. DSRC OBU Internal Photos

2.1 DSRC OBU – Main Board
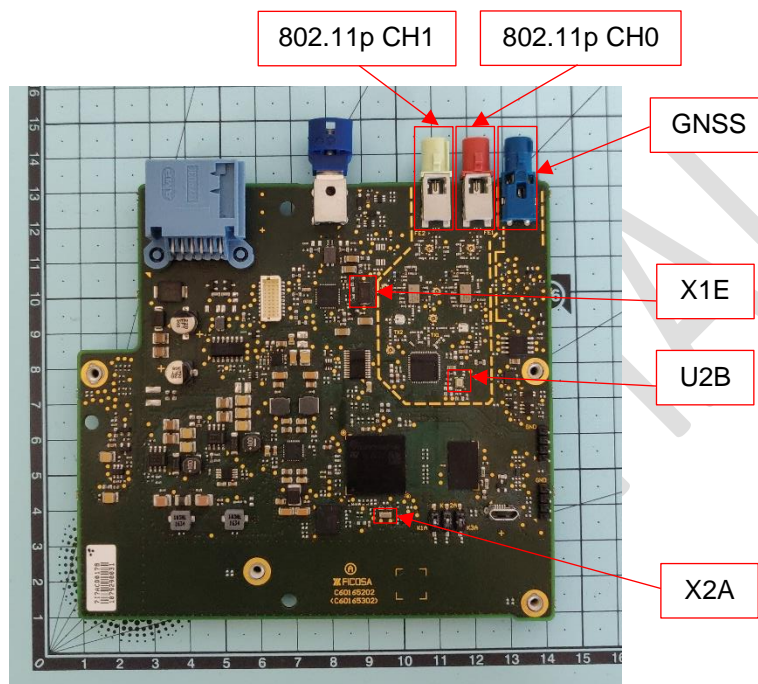
Figure 1. Main Board Top View
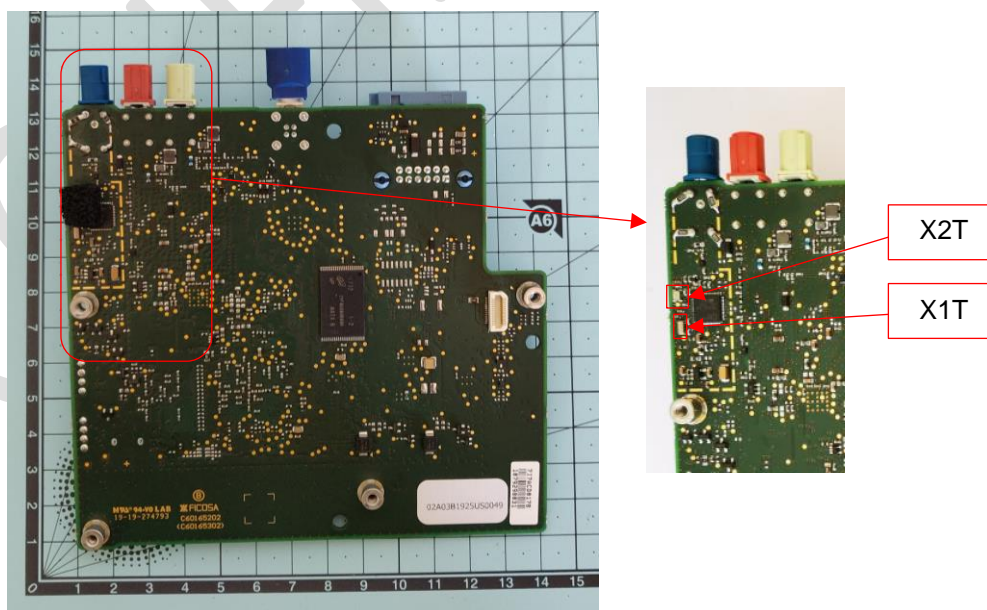
Figure 2. Main Board Bottom View

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2.2 DSRC OBU – HMI Board

Figure 3. HMI Board Top View
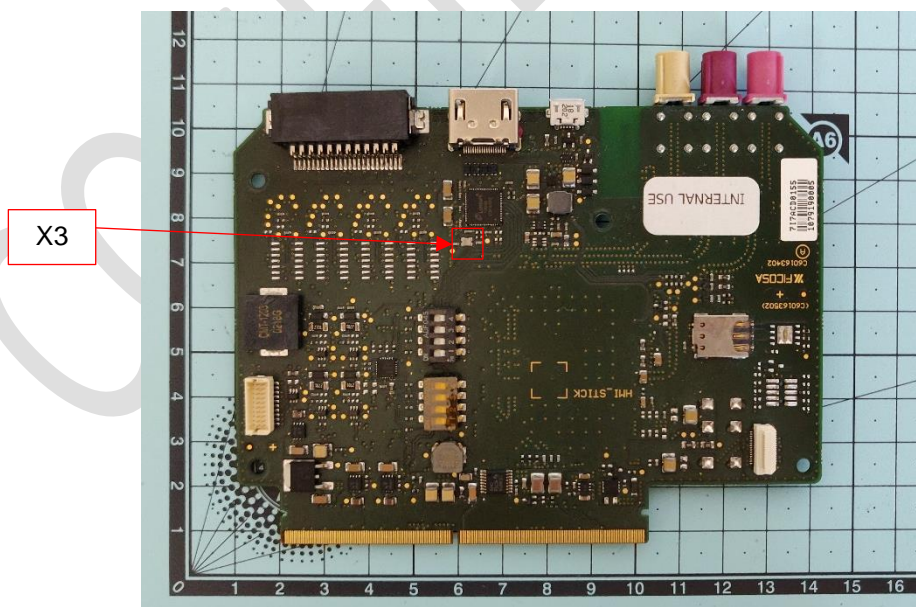
Figure 4. HMI Board Bottom View

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2.3 DSRC OBU – Main + HMI Assembly Board standalone
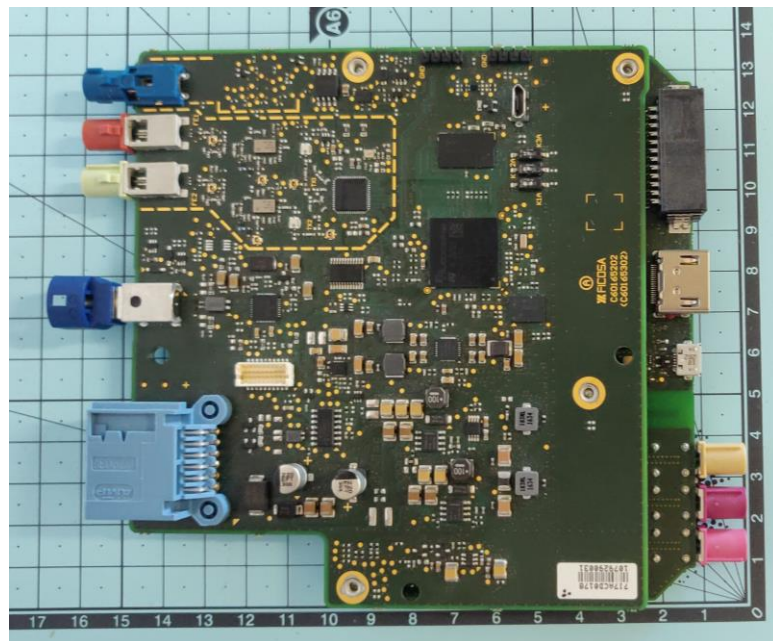
Figure 5. Main + HMI Boards Assembly Top View
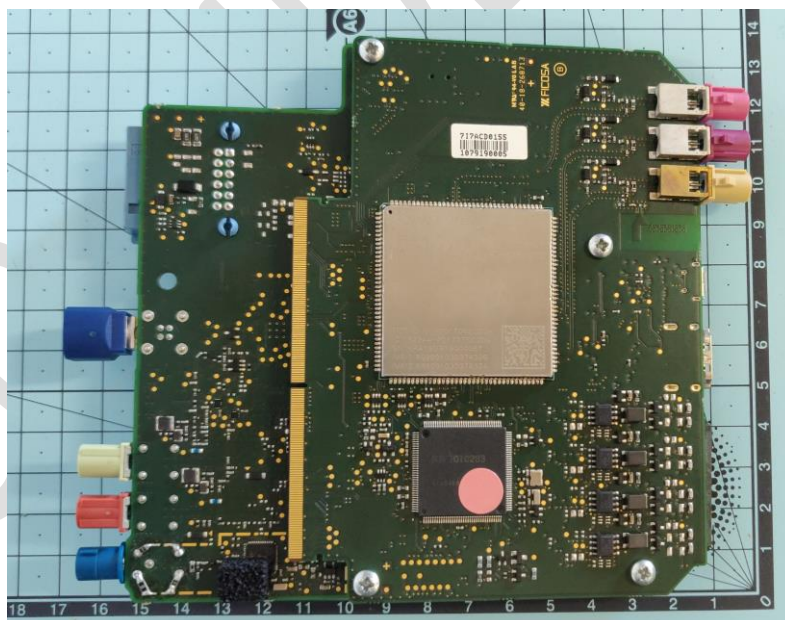
Figure 6. Main + HMI Boards Assembly Bottom View

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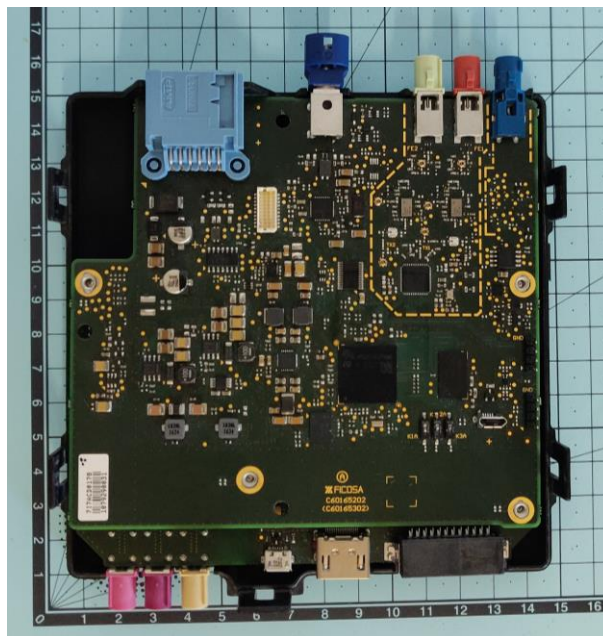## 2.4 DSRC OBU – Main + HMI Assembly Board inside the Box

Figure 7. Main + HMI Boardsmounted on Plastic Cover

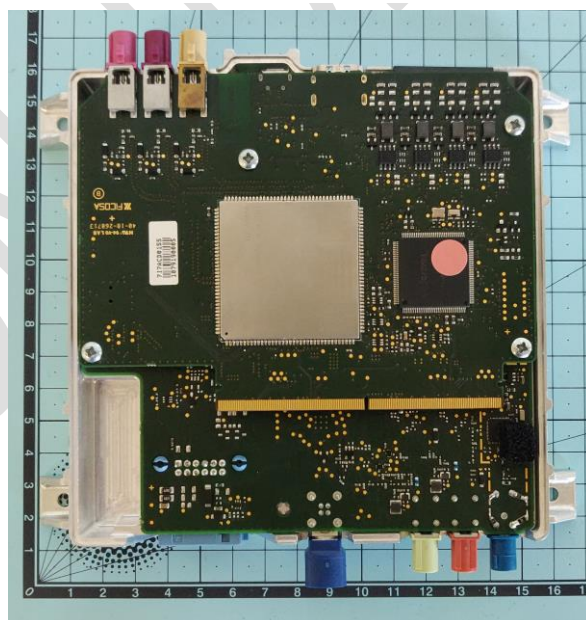**Figure 8. Main + HMI Boards mounted on Metal Cover**

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