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Federal Communications Commission
7435 Oakland Mills Road

Columbia, MD 21046

Your sign	Your mail from	Name / Dept.	Phone	Date
		Mr.Vogelmann	+49 7392/911370	08/11/2016

Subject: Application for FCC Certification of a RFID Reader

Dear Madam / Sir:

We apply for FCC Certification the RFID reader models:
UDT-100L – 17L/UD/U/H/CS1 FCC ID V7IU DT100L
identical constructed with
ARE DT1 – 17L/A/U/H FCC ID V7IAREDT1LF-1

Model description:

UDT-100L / ARE DT1 is a proximity reader market by AEG Identifikationssysteme GmbH .
The used abbreviations for the options are:

- UD = specific 3D-front-label for customer UID
- U = USB interface
- H = HID interface
- CSx = customer specific software, sequential number x
- L = air coil

We at EMCE GmbH are acting as an agent on behalf of
AEG Identifikationssysteme GmbH
Hörvelsinger Weg 47
89081 Ulm
Germany
FCC Grantee Code V7I
FRN 0025681917

Attached to this application you will find all exhibits listed in the table. The marked exhibits pertaining confidential material. AEG Identifikationssysteme GmbH requests that these documents regarding this submission for FCC ID V7IUUDT100L; FCC ID V7IAREDT1LF-1 be kept long term confidential pursuant to section 0.457(d) and 0.459 of CFR 47.

Scope of Exhibits

FCC ID	FCC ID V7IUUDT100L	FCC ID V7IAREDT1LF-1
Type	UDT-100L – 17L/UD/U/H/CS1	ARE DT1 – 17L/A/U/H
Form 731	e_form731_V7IUUDT100L_#2	e_form731_V7IAREDT1LF-1_#2
Application Letter	ApplicantLetter2 Nonroutine LTC Confidential Rev00 ApplicantLetter2 LTC+STC Confidential Rev00_EMCE CommonDocumentation_20160713 FCC_authorization_16-06-22 HardwareEqualityDeclaration_20160726	
Exhibit		
ID-Label / Location Info	FCC ID_IMG_9395 FCC ID_IMG_9398	FCC ID_IMG_9336 FCC ID_IMG_9338
External Photos	External_Bottom IMG_8981 External_Front IMG_8982 External_Left IMG_8983 External_Top IMG_8984 External_Right IMG_8985 UDT_100L_ARE_DT1_LF_socketing	External IMG_8992 External_Top IMG_8993 External_Bottom IMG_8995 External_Front IMG_8996 External_Right IMG_8997 External_Left IMG_8998 External_Back IMG_8999 UDT_100L_ARE_DT1_LF_socketing
Test Report	AIN17b01 AIN26_01	
Test Setup Photos	Conducted_emission DSCF8250 Radiated_emission DSCF8609	
User's Manual	Installation Guide ARE DT1_LF_09_A17	



The marked material below contains technical data, which would customarily be guarded from competitors.

FCC ID	FCC ID V7IUdT100L	FCC ID V7IAREDT1LF-1
Type	UDT-100L – 17L/UD/U/H/CS1	ARE DT1 – 17L/A/U/H
Exhibit		
Block Diagrams	BlockDiagram_V7IUdT100L	BlockDiagram_V7IAREDT1LF-1 Rev2
Schematics	ARE_126_V004.sch_1 ARE_126_V004.sch_2 ARE_126_V004.sch_3 ARE_126_V004.sch_4 ARE 126 DT1 LF PSK V007 20140205	
Internal Photos	ARE_126_V004.brd_bottom ARE_126_V004.brd_top ARE126_bottom ARE126_top Internal_IMG_9112 Internal_IMG_9114 Internal_IMG_9116 Internal_IMG_9120	
Parts List	Part List ARE 126 DT1 LF PSK V007 english 20160616	
Operational Description	OperationalDescriptionRFIDReaderDT1	

Not for public access

Sincerely,

Christian Vogelmann
 Principal engineer
 EMCE GmbH
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