

Certification
Issued Under the Authority of the
Federal Communications Commission
By:

CTC advanced GmbH
Untertuerkheimer Strasse 6-10
66117 Saarbruecken,
Germany

Date of Grant: 11/18/2021

Application Dated: 11/18/2021

Endress and Hauser SE Co. KG
Hauptstrasse 1
Maulburg, D-79690
Germany

Attention: Ralf Reimelt , R&D Radar Level Measurement

NOT TRANSFERABLE

EQUIPMENT AUTHORIZATION is hereby issued to the named GRANTEE, and is VALID ONLY for the equipment identified hereon for use under the Commission's Rules and Regulations listed below.

FCC IDENTIFIER: LCGFWR3XXEL
Name of Grantee: Endress and Hauser SE Co. KG
Equipment Class: PCS Licensed Transmitter
Notes: FWR30

<u>Grant Notes</u>	<u>FCC Rule Parts</u>	<u>Frequency Range (MHZ)</u>	<u>Output Watts</u>	<u>Frequency Tolerance</u>	<u>Emission Designator</u>
	22H	824.2 - 848.8	0.88	0.04 PM	246KGXW
	22H	824.2 - 848.8	0.91	0.03 PM	249KG7W
	24E	1850.2 - 1909.8	0.71	0.02 PM	246KGXW
	24E	1850.2 - 1909.8	0.75	0.02 PM	245KG7W
	24E	1850.0 - 1910.0	0.19	0.01 PM	1M25G7D
	24E	1850.0 - 1910.0	0.28	0.01 PM	1M19W7D
	24E	1850.0 - 1910.0	0.11	0.01 PM	142KF1D
	24E	1850.0 - 1910.0	0.18	0.01 PM	183KG7D
	27	1710.0 - 1755.0	0.19	0.01 PM	1M21G7D
	27	1710.0 - 1755.0	0.21	0.02 PM	1M11W7D
	27	1710.0 - 1755.0	0.19	0.01 PM	147KF1D
	27	1710.0 - 1755.0	0.25	0.01 PM	187KG7D
	22H	824.0 - 849.0	0.17	0.01 PM	1M20G7D
	22H	824.0 - 849.0	0.2	0.03 PM	1M05W7D
	22H	824.0 - 849.0	0.15	0.01 PM	129KF1D
	22H	824.0 - 849.0	0.16	0.01 PM	185KG7D
	27	699.0 - 716.0	0.05	0.01 PM	1M21G7D
	27	699.0 - 716.0	0.05	0.01 PM	1M08W7D
	27	699.0 - 716.0	0.07	0.01 PM	133KF1D
	27	699.0 - 716.0	0.07	0.01 PM	189KG7D
	27	777.0 - 787.0	0.13	0.01 PM	1M19G7D
	27	777.0 - 787.0	0.16	0.03 PM	1M05W7D
	27	777.0 - 787.0	0.15	0.01 PM	133KF1D
	27	777.0 - 787.0	0.19	0.01 PM	185KG7D

Output power listed is ERP below 1 GHz for Part 22/27 and EIRP above 1 GHz for Part 24/27.

This device supports GSM 850 and GSM 1900. This device supports bands 2, 4, 5, 12, 13 for LTE UE CAT M1 and bands 2, 4, 5, 12, 13 for LTE UE CAT NB1.

This device contains functions that are not operational in U.S. Territories. This filing is only applicable for US operations.

RF exposure compliance is addressed for 1.1310 and 2.1091 MPE limits. End Users must be provided with transmitter operation conditions for satisfying RF exposure compliance.