TCB

GRANT OF EQUIPMENT AUTHORIZATION

TCB

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

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

Date of Grant: 08/04/2021

Application Dated: 08/04/2021

VEGA Grieshaber KG
Am Hohenstein 113
Schiltach, D-77761
Germany

Attention: Juergen Motzer , Project Manager

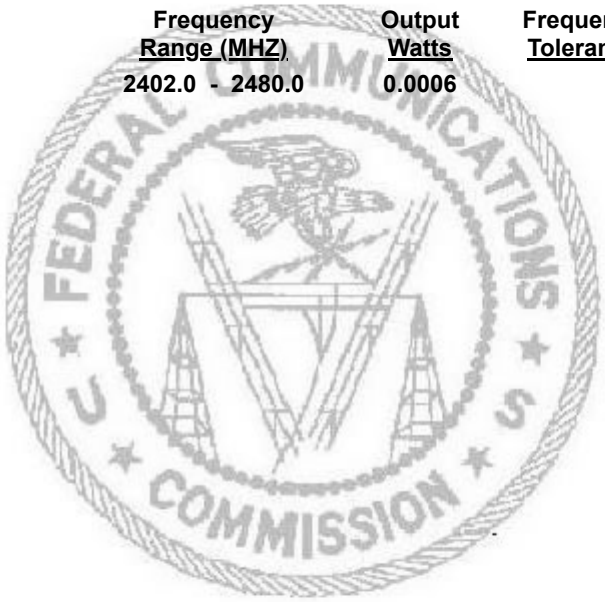
NOT TRANSFERABLE

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: O6QPMT8X4G
Name of Grantee: VEGA Grieshaber KG
Equipment Class: Digital Transmission System
Notes: External radio communication unit for level sensors and point level detection sensors

Grant Notes	FCC Rule Parts	Frequency Range (MHZ)	Output Watts	Frequency Tolerance	Emission Designator
	15C	2402.0 - 2480.0	0.0006		

Output power listed is peak conducted.



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FCC IDENTIFIER: O6QPMT8X4G
Name of Grantee: VEGA Grieshaber KG
Equipment Class: PCS Licensed Transmitter
Notes: External radio communication unit for level sensors and point level detection sensors

Grant Notes	FCC Rule Parts	Frequency Range (MHZ)	Output Watts	Frequency Tolerance	Emission Designator
	22H	824.2 - 848.8	0.407	0.17 PM	242KGXW
	22H	824.2 - 848.8	0.105	0.17 PM	252KG7W
	24E	1850.2 - 1909.8	0.229	0.17 PM	244KGXW
	24E	1850.2 - 1909.8	0.117	0.17 PM	246KG7W
	24E	1852.4 - 1907.6	0.129	0.17 PM	4M17F9W
	27	1712.4 - 1752.6	0.123	0.17 PM	4M15F9W
	22H	826.4 - 846.6	0.105	0.17 PM	4M15F9W
	24E	1850.0 - 1910.0	0.049	0.17 PM	18M0G7D
	24E	1850.0 - 1910.0	0.058	0.17 PM	1M13G7D
	24E	1850.0 - 1910.0	0.041	0.17 PM	18M0W7D
	24E	1850.0 - 1910.0	0.049	0.17 PM	1M13W7D
	27	1710.0 - 1755.0	0.04	0.17 PM	18M0G7D
	27	1710.0 - 1755.0	0.049	0.17 PM	1M18G7D
	27	1710.0 - 1755.0	0.034	0.17 PM	18M0W7D
	27	1710.0 - 1755.0	0.041	0.17 PM	1M20W7D
	22H	824.0 - 849.0	0.035	0.17 PM	8M97G7D
	22H	824.0 - 849.0	0.037	0.17 PM	4M54G7D
	22H	824.0 - 849.0	0.03	0.17 PM	8M97W7D
	22H	824.0 - 849.0	0.031	0.17 PM	4M54W7D
	27	2500.0 - 2570.0	0.229	0.17 PM	18M0G7D
	27	2500.0 - 2570.0	0.251	0.17 PM	4M59G7D
	27	2500.0 - 2570.0	0.195	0.17 PM	18M0W7D
	27	2500.0 - 2570.0	0.219	0.17 PM	4M57W7D
	27	704.0 - 716.0	0.034	0.17 PM	8M98G7D
	27	704.0 - 716.0	0.034	0.17 PM	4M57G7D
	27	704.0 - 716.0	0.028	0.17 PM	8M98W7D
	27	704.0 - 716.0	0.028	0.17 PM	4M57W7D

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

This device supports LTE bandwidths of 1.4, 3, 5, 10, 15, 20 MHz at LTE band 2 and LTE band 4; 1.4, 3, 5, 10 MHz at LTE band 5; 5, 10, 15, 20 MHz at LTE band 7; 5, 10 MHz at LTE band 17.

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.