

TCB

**GRANT OF EQUIPMENT
AUTHORIZATION**

TCB

**Certification
Issued Under the Authority of the
Federal Communications Commission**

By:

**ACB, Inc.
6731 Whittier Avenue Suite C110
McLean, VA 22101**

**Date of Grant: 05/24/2018
Application Dated: 05/22/2018**

**Zinwave Ltd
Harston Mill
Harston
Cambridge, CB22 7GG
United Kingdom**

Attention: Paddy Murphy , Chief Operations Officer

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: UPO305-0007
Name of Grantee: Zinwave Ltd
Equipment Class: Part 20 Industrial Booster (CMRS)
**Notes: 305-0007 Distributed Antenna System Remote
Unit**

<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>
	27	2110.0 - 2180.0	0.1	Amp	F9W
	27	2110.0 - 2180.0	0.1	Amp	W9W
	27	2180.0 - 2200.0	0.1	Amp	F9W
	27	2180.0 - 2200.0	0.1	Amp	W9W
	27	2345.0 - 2360.0	0.04	Amp	F9W
	27	2345.0 - 2360.0	0.04	Amp	W9W
	27	2496.0 - 2690.0	0.1	Amp	F9W
	27	2496.0 - 2690.0	0.1	Amp	W9W
	27	716.0 - 758.0	0.1	Amp	W9W
	27	716.0 - 758.0	0.1	Amp	W7W
	90S	862.0 - 869.0	0.1	Amp	W7W
	90S	862.0 - 869.0	0.1	Amp	W9W
	22H	869.0 - 894.0	0.1	Amp	F9W
	22H	869.0 - 894.0	0.1	Amp	W9W
	22	929.0 - 930.0	0.1	Amp	F3E
	22	931.0 - 932.0	0.1	Amp	F3E
	24E	1930.0 - 1995.0	0.1	Amp	F9W
	24E	1930.0 - 1995.0	0.1	Amp	W9W

Output power listed is the maximum conducted composite power based on one

carrier. The transmit antenna must be fixed-mounted on permanent structures, be installed to provide a separation distance of at least 0.2 m from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. This application covers only the system configuration with host/master unit connected to a base station in the uplink path; operations if any with host/master unit connected to antenna or amplifier in the uplink require separate equipment authorization. This filing has compliance demonstration information and test data only for SISO (single-input single-output) booster system configurations.