

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: 06/19/2018  
Application Dated: 06/19/2018

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

Attention: John Prentice , Director of Engineering

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 90 Class B Industrial Booster (non-SMR)  
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>
	90	150.8 - 156.2475	0.032	Amp	G1E
	90	150.8 - 156.2475	0.032	Amp	F3W
	90	157.1875 - 161.575	0.032	Amp	G1E
	90	157.1875 - 161.575	0.032	Amp	F3W
	90	161.775 - 161.9625	0.032	Amp	G1E
	90	161.775 - 161.9625	0.032	Amp	F3W
	90	162.0375 - 173.4	0.032	Amp	G1E
	90	162.0375 - 173.4	0.032	Amp	F3W
	90	406.1 - 420.0	0.1	Amp	G1E
	90	406.1 - 420.0	0.1	Amp	F3W
	90	421.0 - 430.0	0.1	Amp	G1E
	90	421.0 - 430.0	0.1	Amp	F3W
	90	456.0 - 462.5375	0.1	Amp	G1E
	90	456.0 - 462.5375	0.1	Amp	F3W
	90	462.7375 - 467.5375	0.1	Amp	G1E
	90	462.7375 - 467.5375	0.1	Amp	F3W
	90	467.7375 - 512.0	0.1	Amp	G1E
	90	467.7375 - 512.0	0.1	Amp	F3W
	90	769.0 - 775.0	0.1	Amp	G1E
	90	769.0 - 775.0	0.1	Amp	F1E

90	799.0 - 805.0	0.1	Amp	G1E
90	799.0 - 805.0	0.1	Amp	F1E
90	758.0 - 768.0	0.1	Amp	W7W
90	758.0 - 768.0	0.1	Amp	W9W
90	851.0 - 861.0	0.1	Amp	G1E
90	851.0 - 861.0	0.1	Amp	F1E
90	851.0 - 861.0	0.1	Amp	F3W
90	862.0 - 869.0	0.1	Amp	G1E
90	862.0 - 869.0	0.1	Amp	F1E
90	862.0 - 869.0	0.1	Amp	F3W
90	935.0 - 940.0	0.1	Amp	W7W
90	854.0 - 861.0	0.1	Amp	W7W
90	854.0 - 861.0	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.