

TCB

**GRANT OF EQUIPMENT
AUTHORIZATION**

TCB

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

By:

**Intertek Testing Services NA, Inc.
70 Codman Hill Road
Boxborough, MA 01719**

**Date of Grant: 07/16/2017
Application Dated: 07/15/2017**

**Qolsys, Inc.
1900 The Alameda
4th Floor
San Jose, CA 95126**

Attention: Mark Skeen , VP Life Safety and Compliance

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: 2AAJXQS-IQPANEL2
Name of Grantee: Qolsys, Inc.
Equipment Class: PCS Licensed Transmitter
Notes: IQ Panel 2 Home Security Panel

<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>
BC	24E	1850.0 - 1910.0	0.207	2.5 PM	4M52G7D
BC	24E	1850.0 - 1910.0	0.224	2.5 PM	4M52W7D
BC	24E	1850.0 - 1910.0	0.213	2.5 PM	8M92G7D
BC	24E	1850.0 - 1910.0	0.221	2.5 PM	8M92W7D
BC	24E	1850.0 - 1910.0	0.228	2.5 PM	13M4G7D
BC	24E	1850.0 - 1910.0	0.232	2.5 PM	13M4W7D
BC	24E	1850.0 - 1910.0	0.239	2.5 PM	17M8G7D
BC	24E	1850.0 - 1910.0	0.222	2.5 PM	17M8W7D
BC	27	1710.0 - 1755.0	0.41	2.5 PM	4M52G7D
BC	27	1710.0 - 1755.0	0.428	2.5 PM	4M52W7D
BC	27	1710.0 - 1755.0	0.425	2.5 PM	8M96G7D
BC	27	1710.0 - 1755.0	0.361	2.5 PM	8M96W7D
BC	27	1710.0 - 1755.0	0.406	2.5 PM	13M4G7D
BC	27	1710.0 - 1755.0	0.405	2.5 PM	13M4W7D
BC	27	1710.0 - 1755.0	0.373	2.5 PM	17M9G7D
BC	27	1710.0 - 1755.0	0.378	2.5 PM	17M9W7D
BC	22H	824.0 - 849.0	0.343	2.5 PM	4M50G7D

BC	22H	824.0 - 849.0	0.352	2.5 PM	4M52W7D
BC	22H	824.0 - 849.0	0.473	2.5 PM	8M96G7D
BC	22H	824.0 - 849.0	0.569	2.5 PM	8M96W7D
BC	27	699.0 - 716.0	0.482	2.5 PM	4M52G7D
BC	27	699.0 - 716.0	0.484	2.5 PM	4M52W7D
BC	27	699.0 - 716.0	0.497	2.5 PM	9M00G7D
BC	27	699.0 - 716.0	0.457	2.5 PM	9M00W7D
BC	27	777.0 - 787.0	0.34	2.5 PM	4M52G7D
BC	27	777.0 - 787.0	0.308	2.5 PM	4M52W7D
BC	27	777.0 - 787.0	0.366	2.5 PM	8M96G7D
BC	27	777.0 - 787.0	0.356	2.5 PM	8M88W7D
BC	22H	824.0 - 849.0	0.537	2.5 PM	4M20F9W
BC	27	1710.0 - 1755.0	0.309	2.5 PM	4M20F9W
BC	24E	1850.0 - 1910.0	0.295	2.5 PM	4M20F9W

Class II Permissive Change to add UMTS WCDMA with 5 MHz channel bandwidth. Power output is conducted at the antenna terminal. This device is to be used only for mobile and fixed applications. The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter except in accordance with FCC multi-transmitter product procedures or as shown in this filing. Under no conditions may an antenna gain be used that would exceed the ERP and/or EIRP power limits as specified in Part 22, 24 and 27. Users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance. This device supports LTE of 5, 10, 15, and 20 MHz bandwidth modes for LTE Band 2 and Band 4, and LTE of 5, 10 MHz bandwidth modes for LTE Bands 5, 12/17, 13.

BC: The output power is continuously variable from the value listed in this entry to 5%-10% of the value listed.

