



FCC Class II Permissive Change Request Letter

May 10, 2017

Federal Communications Commission
445 12th Street SW
Washington, DC 20554

**RE: FCC Permissive II Change Request for Qolsys Inc.
FCC ID # 2AAJXQS-IQPANEL2**

Dear Sir or Madam:

We, Qolsys Inc., received an original Grant of Equipment Authorization for the above-referenced equipment on November 18th, 2016, a copy of which is attached as Exhibit A. Pursuant to 47 CFR 2.1043(b)(3), we respectfully request you grant a Permissive Change to allow UMTS modulation for communication on bands FDD II, FDD IV, FDD V. The hardware, enclosure, all other components are identical as certified and the output power rating remains the same. Schematics, block diagram, BOM, tune-up procedure, user manual are the same.

If you have any questions or comments, please do not hesitate to contact me.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Mark Skeen', with a long horizontal flourish extending to the right.

Mark Skeen
VP Life Safety & Compliance
Qolsys Inc.

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: 11/18/2016****Application Dated: 11/17/2016****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

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.