ARRIS
310 Providence Mine Road
Nevada City, CA 95959
Tel: 530 274 5400
Fax: 530 273 6340

ARRIS™

February 14, 2017

Federal Communications Commission
7435 Oakland Mills Road
Columbia, MD 21046

Subject: Class III Permissive Change notice
FCC ID: PGR5200AC

To whom it may concern:

This Class III Permissive Change notification is a consequence of an upgradable software enhancement for the 5200 family product line to support Mesh Networking features. These features are described in the operational description addendum included with this submittal.

This change will be implemented via an imbedded control software update. As outlined in the original SDR operational descriptions, software versions are identified using a *<x.y.z.ccccc>* format where the *x.y.z* segment prescribes a specific software revision control branch and the *ccccc* segment corresponds to a specific software revision control change list on that branch. Therefore, for every software build that is released, ARRIS can associate the software version string to a specific change list. This allows ARRIS to control what software changes are incorporated into a specific software version that will be approved by the service providers. Any software changes that affect a future class III permissive change is determined by the specific software change list and thus determine via the software version displayed in the web based graphical user interface.

The Software versions which transition between grants are has follows…

- The initial non-DFS FCC certification issued on 5/19/14 was released under SW Ver. 10.5.3.500608. This version was never put into production.
- The DFS FCC certification issued under a class III permissive change on 9/3/14 was released starting with SW Ver. 10.5.3.503493.
- The SW version released supporting the new FCC ruling updates under a class III permissive change on 5/26/16 was released starting with SW Ver. 10.5.5.530000.
- The SW version that will be released supporting the mesh networking modes under this class III permissive change will be released at SW Ver. 10.5.6.529330.

** Any versions between those listed above represent bug fixes, system improvements, or customer variants that do not affect the RF characteristics or firmware/software security implementations.

There is no change to the Software, Distribution and Security Documentation (SDS) which was submitted under security descriptions for preventing the alteration of radio parameters under the original SDR approval.

Sincerely,

Mark Rieger
Principal Hardware Engineer
Regulatory compliance and conformance

ARRIS
310 Providence Mine Road, Ste. 200, Nevada City, CA 95959 USA

o: +1 530-274-5440
c: +1 530-575-6010
e: mark.rieger@arris.com