

**Narrative Statement
Milachi Media, LLC**

Request for Extension of Part 5 Experimental Authority

Milachi Media, LLC (“Milachi”), licensee of low power digital television station WWOO-LD, Channel 28, licensed to Westmoreland, New Hampshire (Facility No. 186685), and pursuant to the Commission’s Part 5 Experimental Radio Service rules, hereby respectfully requests an extension – by six months – of its experimental special temporary authority (File No. 0000216484) (“Phase One STA”).

As previously reported to the Commission, XGEN Networks LLC (“XGEN”) has been developing a new 5G-based radio service for use by members of the public and first responders on smartphones and tablets, which utilizes spectrum reserved for over-the-air television use – while simultaneously maintaining television broadcasting (“5G Broadcast”). Since July 2023, when the Commission granted the Phase One STA, Milachi reports that:

1. Milachi has successfully built out and operated the new 5G Broadcast standard on WWOO-LD.
2. In public and private tests, Milachi has demonstrated successful delivery of 5G Broadcast using the broadcast spectrum allocated to WWOO-LD directly to smart phones and software-defined radio (“SDR”) receivers. In addition, technology innovator Rohde & Schwarz is actively testing software updates to their 5G Broadcast equipment.
3. In particular, in October 2023, Milachi and XGN posted a first way for the general public to receive 5G Broadcast via commercially available software defined radio (“SDR”) devices. Such test revealed that, for the very first time anywhere in the world, the general public was able receive a 5G Broadcast signal.
4. No viewer or other broadcaster has complained to Milachi regarding any aspect whatsoever of the delivery of 5G Broadcast, in part because WWOO-LD is not carried by any multichannel video programming distributors, and thus no MVPD systems or viewers have been impacted by WWOO-LD’s 5G Broadcast offerings.
5. Milachi has continued to provide legacy digital television programming on WWOO-LD, and the two networks that were carried on WWOO-LD prior to the initiation of 5G Broadcast are continuing to be carried on low power television station WVCC-LD, Channel 6, Westmoreland, New Hampshire, even though WVCC-LD now is licensed to an unaffiliated third party. However, one of the networks (Antenna TV) likely will cease to be carried on WVCC-LD beginning as of April 1, 2024. The other network (NewsNet) will continue to be carried on WVCC-LD at all times.

The attached Report provides additional technical information concerning the testing undertaken of 5G Broadcast on WWOO-LD during the initial Phase One STA period, consistent

with Section 5.207 of the Commission's rules. Milachi intends to continue operating WWOO-LD pursuant to the terms of the Phase One STA for an additional period not to exceed six months, at which time Milachi intends to file a separate new Experimental STA request associated with the next phase of testing the 5G Broadcast system. At such time, Milachi will provide the Commission with detailed information concerning such "Phase Two" operations.

In the meantime, grant of this request would serve the public interest because the information and data obtained from the Phase One 5G Broadcast tests will be valuable in evaluating the future use and development of 5G Broadcast technology, which Milachi, XGEN and their collaborators believe will bring significant benefits to the U.S. public, including through emergency alerts and use by first responders.