



From: Corey Cahill  
Corey.Cahill@fcc.gov  
Ref: FCC ID: **2ABOF-G1-BN3ASI001**  
Applicant: Tarana Wireless  
Correspondence Reference Number: 502322  
Form 731 Confirmation Number: TC555297  
Date of Original E-mail: 09/30/2021

Please provide more information about the air interface that was used during testing for all bandwidths. Was it 3GPP LTE or 5GNR?

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 30 days of the original e-mail date may result in application dismissal pursuant to Section 2.917(c).

**Tarana Wireless Response:** October 14, 2021 "Tarana Wireless radios use a proprietary air interface, purpose-built and optimized for fixed wireless access. This is a TDD system that uses an OFDM waveform, with a sub-carrier spacing of 10.94 KHz. The frame length is 5ms, and the timing of the DL and UL sub-frames can be configured to be compatible with some of the most popular TDD LTE frame types, such as frame type 2 sub frame type 7. In addition, the frame timing is based on GPS reference and the start of the TDD frame can be configured with any offsets at ~20ns steps"

Regards

Christopher Saleem  
Senior Regulatory Compliance Manager  
csaleem@taranawireless.com

Reviewed By

Yongmin Zhang PhD  
V.P Product Development  
yongmin@taranawireless.com