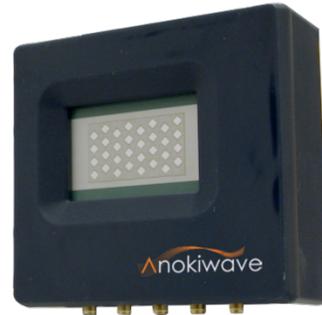
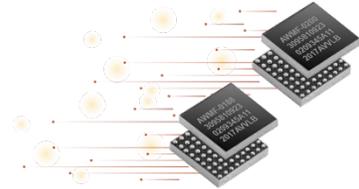


## Product Features

- 24-30 GHz Antenna Innovator Kit for 5G-NR
- Multi-band antenna (3GPP n257, n258, n261)
- Dual pol design
- mmW to IF antenna front end: includes beamformer ICs and integrated IF up/down converters and port for external LO connection
- Passively cooled mechanical enclosure with a single regulated power supply with a fast SPI control interface



## Hardware Included

- Phased Array Antenna Innovator Kit
- AC/DC wall adapter
- Digital Control interface
- Interface and connector card
- Power supply interface
- Tripod with mount and adapter
- Cable set including RF, DC, and digital connections
- Array control hardware configured to support either Windows or Linux

## Array ICs

- [AWMF-0200](#) n257/n261band Gen-3 Dual Pol Quad Core IC including patented ZeroCal® for calibration free arrays.
- [AWMF-0188](#) n257, n258, n261 band Tx/Rx Frequency Conversion IC with fully integrated sideband and image rejection.

## Description

The Phased Array Antenna Innovator Kit is a complete mmW to IF dual pol antenna design for mmW 5G radios. This kit is intended to help 5G equipment manufacturers evaluate the array level performance of Anokiwave ICs, develop new mmW 5G NR radio front ends, and introduce their arrays into the market quickly.

The kit is designed using Anokiwave's Generation 3 Beamformer and IF Up/downconverter ICs that provide industry leading array level performance. As a baseline, the kit is designed to offer high linear EIRP at wide 3GPP bandwidths. The design can be easily customized to meet equipment manufacturer's specific 5G radio requirements.

The Phased Array Antenna Innovator Kit simplifies the overall radio development by providing a baseline design enabling a quick launch of new 5G products.



**Anokiwave, Inc.**  
5355 Mira Sorrento Place  
San Diego, CA 92121

Document: AWA-0213-DSB  
Rev. 4

www.anokiwave.com  
1-858-792-9910  
innovation@anokiwave.com