TMYTEK

5G NR mmWave Beamforming Development Tool

■ Key Features

- 5G NR mmWave Beamforming Development Kit
- Beamformer with Detachable Antenna
- Build for 5G NR
- Comprise of RF components such as T/R switch, LNA/PA and phase shifters
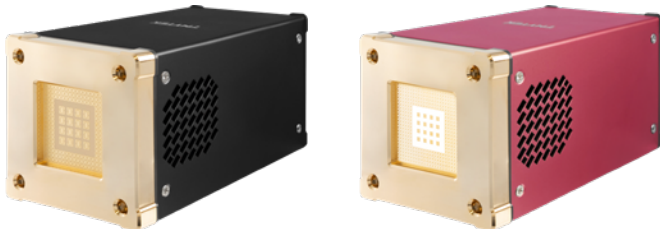
■ Target Audience

- Antenna/ Algorithm designers - verify the design by docking antenna to BBox™
- 5G protocol developers - verify the beam tracing algorithm and protocols by connecting BBox™ to the baseband instrument.

BBox™ One 5G
28 GHz ╱ 39 GHz ｜ 16 RF control channels

BBox™ One 5G consists of 16 channel RF control, standard antenna kit and API software control through ethernet interface. BBox™ One 5G provides the ability to do phase and amplitude control through ethernet connection.
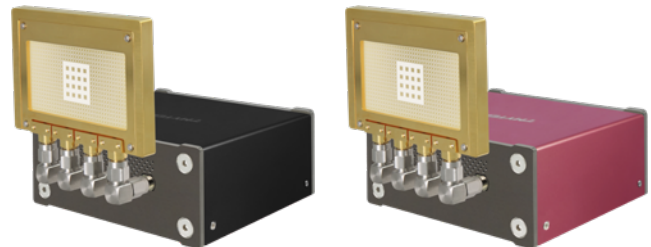
BBox™ Lite 5G
28 GHz ╱ 39 GHz ｜ 4RF control channels

BBox™ Lite is the lighter version of our BBox™ series. It consists of 4 channel RF control, standard antenna kit and API software control through ethernet interface. It is most suitable for manufacturing tests, OTA chamber development, or for educational purposes.

Spec	28 GHz	39 GHz
RF	26.5-29.5 GHz	37-40 GHz
Band	n257, n261	n260
Channels	16	
Antennas	4x4/ 8x8 Array	
	Tx/Rx Half Duplex	
	Individual Gain and Phase Control	
Size	156x82X82 mm	

Spec	28 GHz	39 GHz
RF	26.5-29.5 GHz	37-40 GHz
Band	n257, n261	n260
Channels	4	
Antennas	4 Series Patch	
	Tx/Rx Half Duplex	
	Individual Gain and Phase Control	
Dimension	125x102x110 mm	

Contact us: Sales@tmytek.com