

## **Abstract**

*The frequency is transmitted through the base transceiver station (BTS) which is then received by the smartphone through the beam at the base transceiver station (BTS). This is called two-way communication and requires very good signal quality. In reality, the frequency emitted by the base transceiver station (BTS) is not able to serve the entire area. Cellular telecommunications tower/tower Base Transceiver Station (BTS) is a tool that serves to place signal transmitting antennas (access networks) to provide services to customers around the tower Base Transceiver Station (BTS) is a device in the cellular telecommunications network in the form of a tower with transmitting and receiving antennas that function as power signal amplifiers, so that they can connect the network of cellular telecommunications operators with their customers. Determining the location of BTS towers for cellular telephone networks is a problem that is often faced by operators of cellular communication network providers. The commissioning is carried out in 2022 in the context of the Kendal Market event, the event will last for a full week, so it requires the addition of a baseband to support activities so that the Kendal festival event runs smoothly.*

*Keywords: base transceiver station (BTS), Network, Commissioning*