



TELECOMMUNICATIONS ENGINEER

The radio frequency spectrum is the medium which facilitates wireless communication. The Spectrum Management Authority (SMA) is the regulatory body responsible for the efficient management of the radio frequency spectrum in Jamaica, which includes licensing spectrum users and regulating their use of the spectrum.

The SMA is seeking to identify a **Telecommunications Engineer (Band Planning)**.

Responsibilities

The main duties of the Telecommunications Engineer are to:

- Conduct maintenance of an electronic licensing and technical database containing all pertinent data on licensed users.
- Review spectrum license applications to ensure that all required technical information are supplied by clients.
- Performs interference studies on candidate frequencies using RF Planning and engineering tools prior to assignment.
- Performs monitoring of frequencies using Remote Monitoring and Direction Finding System.
- Periodic updating of the National Frequency Allocation Table (NFAT).
- Develops band plans based on international best practices.
- Reviews specifications for RF devices to ensure compliance with telecommunications policies.

Minimum Educational Requirements

- Bachelor's Degree in Electrical, Computer, Electronic or Telecommunications Engineering.
- Knowledge of local, regional and international regulatory frameworks.
- Understanding of the Jamaican wireless communication environment
- Knowledge of automated spectrum management software and radio frequency network planning and analysis tools.
- Basic knowledge use of ITU software tools and web based interface (SpaceCom, TerRaQ, TerRaNV, TerRaNotices, WISFAT, etc.)

Experience

- At least four (4) years' experience in the telecommunications industry.
- Experience in the use of specialized equipment such as spectrum analyzers, direction finding processors and remote sensing devices, automated spectrum management systems.
- Experience in RF network planning and interference studies.

Applications must be submitted no later than April 5, 2024 to:

jobs@sma.gov.jm.

We thank all applicants for their interest in our company, but advise that only short-listed candidates will be contacted.

.....Shaping Your Future With Wireless.....