



5G

Evolution to the next frontier

5G Air Interface Construction & Commissioning Techniques

The syllabus provides a detailed overview of mobile network air interface including a detailed overview of the Radio Access Network (RAN) as well as 5G New Radio interface (5G NR).

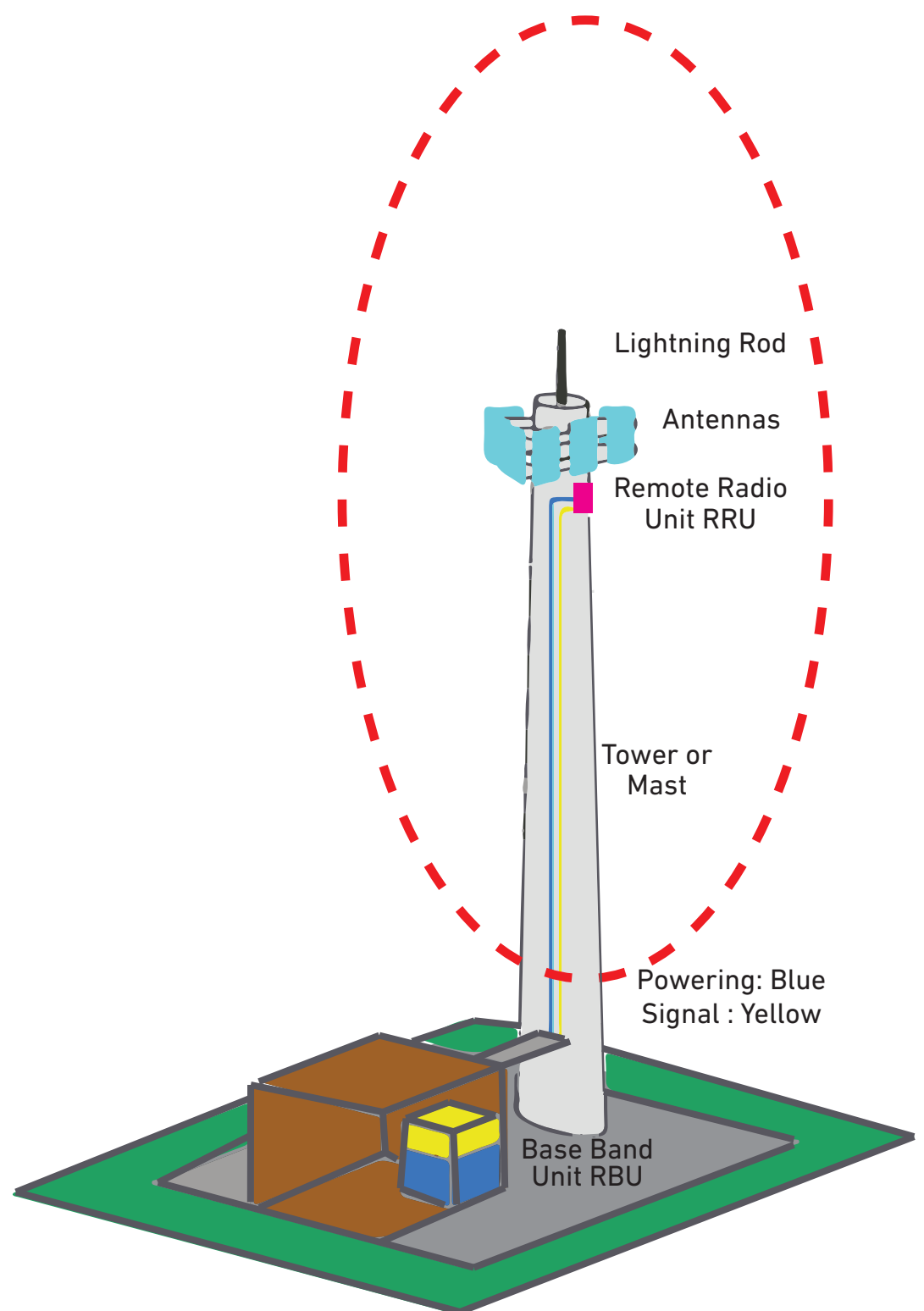
Learners will be exposed to the RF evolution of 3G to 5G with a focus on network deployment awareness as well as OHSE concerns and processes to ensure safe work practices are implemented.

A detailed overview of LTE will be included as well associated hardware from BBS to RRU and antenna types.

Upon completing hardware and architecture awareness learners will be exposed to the techniques for aerial alignment, RF coverage testing and commissioning techniques.

Installation of C RAN & DRAN Hardware, Electrical and optical network elements will also be covered in this module.

Commissioning techniques will also be covered in detail.



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