

FORMULAS IN THE REVIEWED SPECTRUM FEE STRUCTURE

SERVICES	FORMULA
WIMAX	$FF = \sum (N * \text{Link Fee} + RF * \text{Spectrum Fee}) * \text{location factor}$
FIXED SERVICES (POINT TO POINT)	$FF = \sum ((N * \text{Equipment Fee}) * \text{Location Factor} + (RF * \text{Spectrum Fee}) * \text{Efficiency Factor})$
CELLULAR (Regardless of the frequency band)	$FF = (RF * \text{Band Unit Fee}) + \sum (N * \text{Transmitter Unit Fee} * \text{Location Factor})$
UMTS	$FF = (RF * \text{Band Unit Fee}) + \sum (N * \text{Transmitter Unit Fee} * \text{Location Factor})$
TV BROADCASTING	$FF = \sum N * RF^{ERP} * \text{Location Factor} * \text{Channel fee}$
RADIO BROADCASTING	$FF = \sum N * \text{ERP FACTOR} * \text{Location Factor} * \text{Channel fee}$
SATELLITE SERVICE	According to the Regulatory Board Decision

Where:

Link fee is the fee per the equipment utilizing the frequency

RF is the amount of the frequency in use

Transmitter Unit fee / Equipment fee is the fee associated to the usage of the frequency with specific parameters like RF power, modulation (efficient factor) etc.

Band fee is the fee of 1 MHz of frequency is a band of frequency as shown in the table below

ERP Factor is the radiated power of the Radiocommunication Transmitter.

Band	Spectrum Fee	Equipment Fee	SERVICE
2.3 GHz	RWF 2,500,000	RWF 75,000	WIMAX
2.5 GHz	RWF 2,000,000	RWF 75,000	
3.5 GHz	RWF 1,500,000	RWF 35,000	
7 000 MHz	RWF 125,000	RWF 125,000	POINT TO POINT MICROWAVE LINK
8 000 MHz	RWF 125,000	RWF 100,000	
10 000 MHz	RWF 80,000	RWF 60,000	
11 000 MHz	RWF 70,000	RWF 50,000	
13 000 MHz	RWF 60,000	RWF 40,000	
15 000 MHz	RWF 40,000	RWF 25,000	
18 000 MHz	RWF 40,000	RWF 25,000	