



**NATIONAL
COMMUNICATIONS
AUTHORITY**

MICROWAVE FEES

17.00	Microwave Frequencies	APPLICATION FEES (GHS)	INITIAL FEES (GHS)	ANNUAL REGULATORY FEES (GHS)	SPECTRUM (GHS)
a.	Point to Multipoint	N/A	N/A	N/A	5,775.00 per 1 MHz/region
b.	Point to Point	N/A	N/A	N/A	<p>Formula = (Unit Price) x (α) x (β) x (Y) x (N)</p> <p>Band Factor (α) Bandwidth Factor (β) Reuse factor(Y) Total number of times a channel is used (N) Unit price = 962.5</p> <p>α= Band Factor 6/7/8GHz = 1 11/13GHz = 0.8 15-18GHz= 0.7 >18GHz = 0.5</p> <p>β= Bandwidth Factor 3.5MHz = 1 7MHz = 2 14MHz = 4 28MHz = 8 >28MHz = 16</p> <p>γ=Re-use Factor 1-19 Links = 1 20-30 Links = 0.875 31-40Links = 0.75 41-50Links = 0.625 \geq51Links = 0.5</p>