

Fees for Satellite Earth Station licences

Satellite (Permanent Earth Station) licence fees

For each site (the area contained within a circle of a radius of 500 metres centred on a point defined by the licensee), the appropriate annual sum is calculated in accordance with the following formula.

$$AS = \sum_{bands} \left[28 \times BF_{band} \times \sqrt{\sum_{paths_{band}} (P_{path} \times BW_{path})} \right]$$

where -

“AS” means the appropriate annual sum in pounds sterling;

“bands” mean the numbers listed in Column 1 of Table 1, corresponding to the range of frequency band listed in Column 2 of that table which are authorised by the licence;

“ BF_{band} ” means the band factor applying to each band, being the number in Column 3 of Table 1 corresponding to the band listed in Column 1 of the same table;

“ $paths_{band}$ ” means the set of those transmission paths authorised by the licence for which the authorised transmission frequency lies within the frequency range of each band as set out in Column 2 of Table 1;

“ P_{path} ” means the authorised peak transmit power (in Watts) at the flange of the antenna of the earth station for each transmission path;

“ BW_{path} ” means the authorised transmit bandwidth (in MHz) for each transmission path; and

“transmission path” means a combination of a satellite earth station transmitter, a satellite receiver, a transmission frequency, and polarisation for which transmissions are authorised by the licence.

Table 1. Band Factors – Permanent Earth station

Column 1: band	Column 2: Range of frequency band (fb) (in GHz)	Column 3: Band factor
1	$fb < 5$	2.33
2	$5 \leq fb < 10$	1.72
3	$10 \leq fb < 16$	1.00
4	$16 \leq fb < 24$	0.70
5	$fb \geq 24$	0.60

Where the amount in pounds sterling calculated in accordance with the formula is less than £500, the appropriate sum shall be £500.

Satellite (Transportable Earth Station) licence fees

The appropriate sum is the amount in pounds payable for each earth station operating in one of the bands specified in Columns 2, 3 or 4 of the table below as determined by the range of p specified in Column 1 of the same table.

“OMP” means the number corresponding to the number of the Operational Maximum Power (in Watts) as declared by the licensee;

“ p ” means the product of OMP multiplied by WBW; and

“WBW” means the number corresponding to the number of the widest bandwidth (in MHz) as declared by the licensee.

Table 2. Fees - Transportable Earth Station

Column 1: Range of p	Column 2: Fee per earth station in the band 5.925- 7.075 GHz	Column 3: Fee per earth station in the band 13.78- 14.5 GHz	Column 4: Fee per earth station in the bands 27.5-27.8185 GHz, 28.4545-28.8265 GHz, 29.4625-30 GHz
$0 < p \leq 100$	£ 500	£ 300	£ 200
$100 < p \leq 2,500$	£ 2,400	£ 1,400	£ 800
$P > 2,500$	£ 7,400	£ 4,300	£ 2,600

Satellite (Earth Station Network) licence fees

Annual licence fee	Variable fee
£ 200	£ 200 one-off fee for each terminal requiring technical coordination by Ofcom.

Satellite (Earth Station – Non-Fixed Satellite Service) licence fees

Annual licence fee	Notes
£ 500	For each site (the area contained within a circle of a radius of 500 metres centred on a point defined by the licensee).

Satellite (Earth Station – Non-Geostationary) licence fees

Annual licence fee	Notes
£ 500	For each site (the area contained within a circle of a radius of 500 metres centred on a point defined by the licensee).

References

- Statutory Instrument 2011 No.1128 “The Wireless Telegraphy (Licence Charges) Regulations 2011”