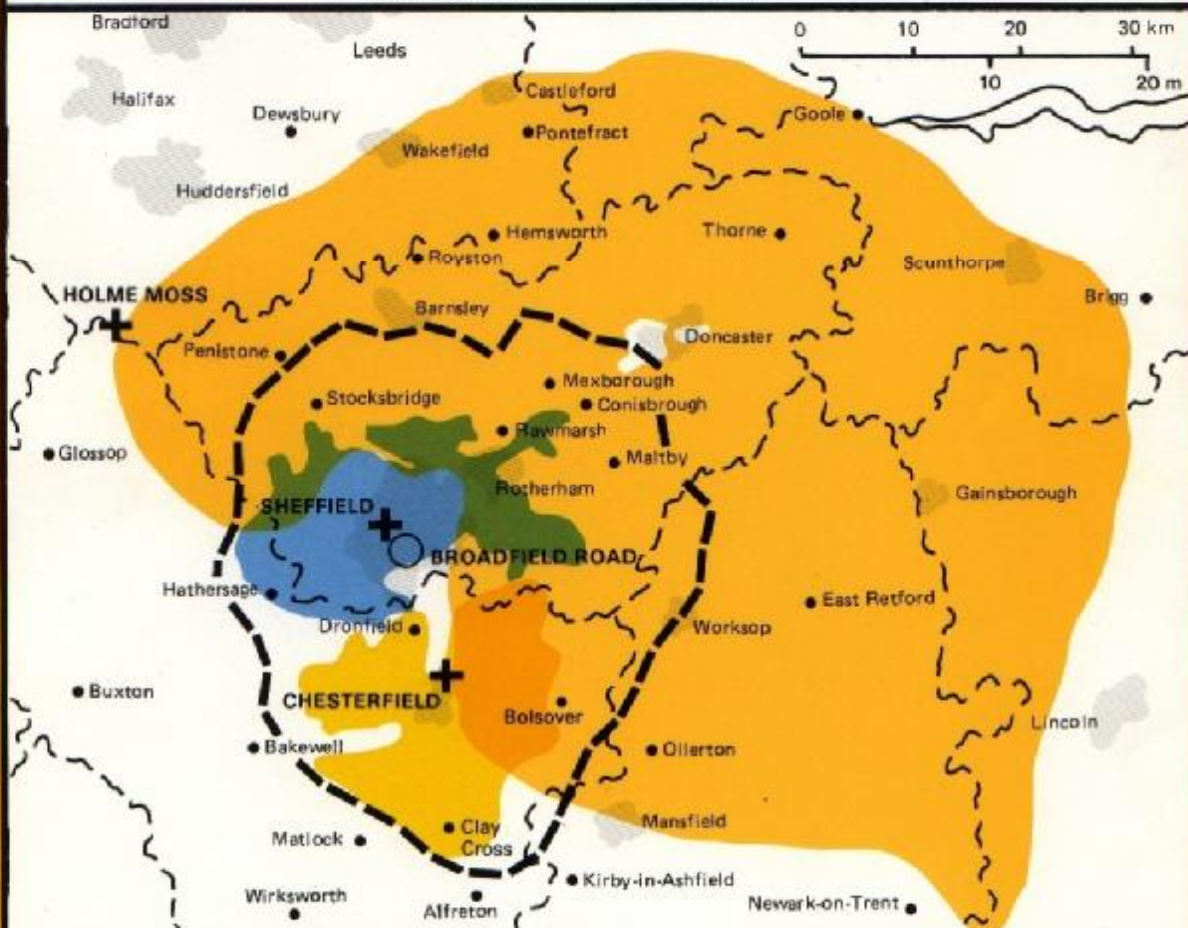


## BBC RADIO SHEFFIELD

FM Service			
Transmitter	Holme Moss	Chesterfield	Sheffield
Frequency	104.1 MHz	94.7 MHz	88.6 MHz
Polarisation	mixed	vertical	mixed
Power (max erp)	4.4 kW	400 W	160 W
Mean height of aerial	168m agl, 692m aod	45m agl, 228 aod	39m agl, 289m aod
Grid Reference	SE 095041	SK 383764	SK 324870
Service Area			
MW Service			
Transmitter	Broadfield Road		
Frequency	1035 kHz		
Wavelength	290m		
Power	1 kW		
Grid Reference	SK 348849		
Service Area			



### Service Areas

For FM: areas where the field strength is not less than 54 dB (relative to  $1 \mu\text{V}/\text{m}$ ) measured at a height of 10m.  
 For MW: areas where the field strength is not less than 2mV/m.

### Notes

Sensitive radios may work beyond the areas shown particularly on high ground.  
 54 dB FM field strength produces typically 300  $\mu\text{V}$  terminated signal using a two element aerial and 15m of coaxial downlead. (A top quality receiver requires 200  $\mu\text{V}$  for 60 dB S/N.)  
 MW service area is reduced during dusk and night-time due to interference from other MW transmitters.