
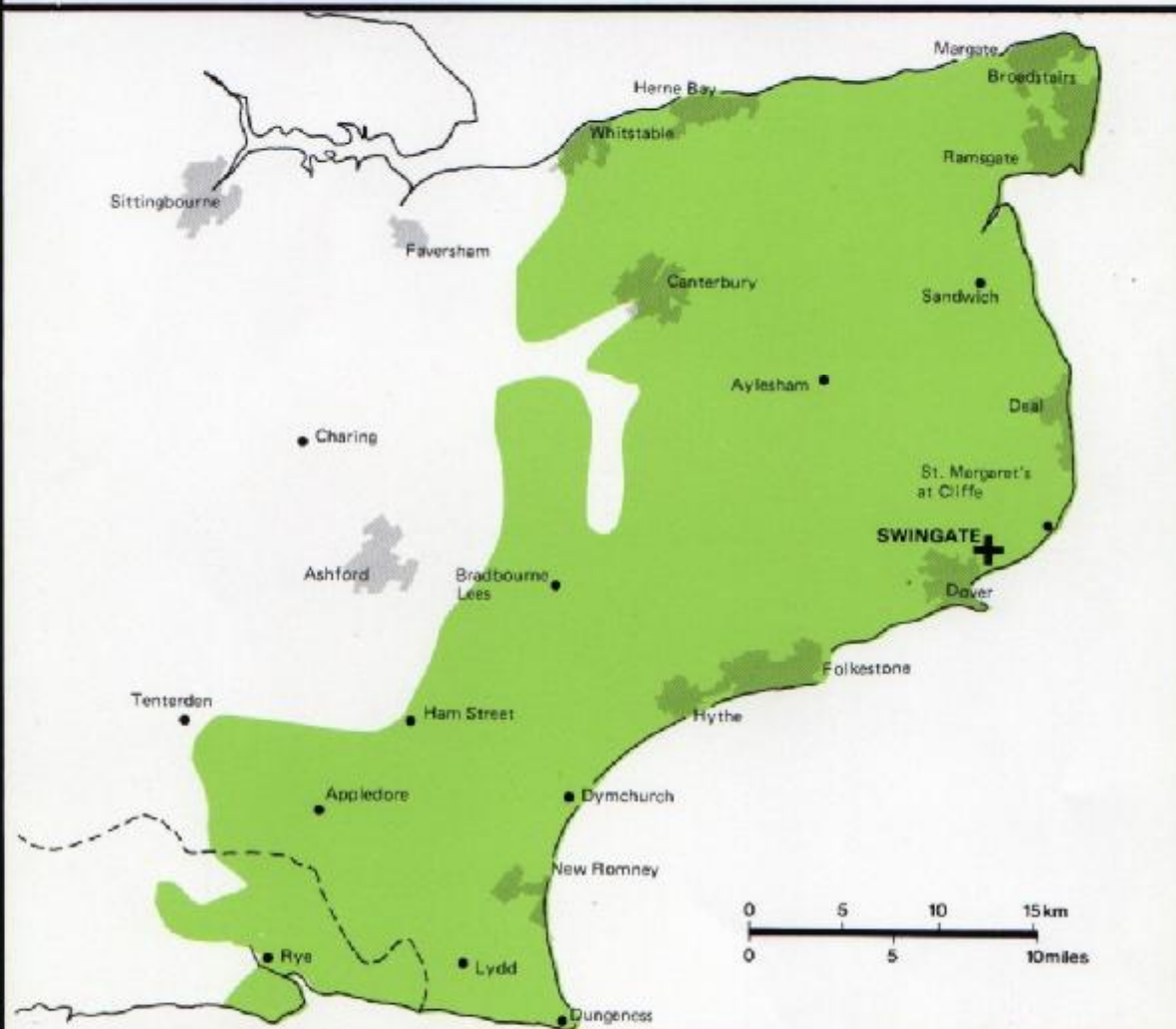


## SWINGATE FM RADIO

Radio 1	99.5 MHz
Radio 2	90.0 MHz
Radio 3	92.4 MHz
Radio 4	94.4 MHz
Maximum erp	11 kW
Polarisation	mixed
Mean height of aerial	114m agl, 236m aod
Transmitter site	Dover
National Grid Reference	TR 334429
Key: Service area	



The service area is where the average field strength is not less than 54 dB (relative to  $1\mu\text{V}/\text{m}$ ) at a height of 10m.

### Notes

Sensitive radios may work beyond the area shown particularly on high ground.

54 dB 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.)

The FM broadcasts of BBC Radio Kent are also transmitted from the Swingate mast.

### Related Information Sheets

Wrotham FM (Sheet 1908) BBC Radio Kent (Sheet 1941)