



WENVOE FM RADIO

Radio 1	99.5 MHz
Radio 2	89.9 MHz
Radio 3	92.1 MHz
Radio 4	94.3 MHz
Radio Cymru	96.8 MHz
Power (Max erp)	250 kW
Polarisation	mixed
Mean ht. of aerial	200m agl, 329m aod
Transmitter site	Wenvoe, South Glamorgan
National Grid Reference	ST 110742
Key : Service area	
	: Relay station



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. The service areas of the relays are not shown but technical details are listed overleaf.

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.)