

Case study #	1.12
Title	TV interference problem due to telecommunication equipment
Type of trouble	Disturbance.
Source of trouble	Radiated emission.
System affected	TV receiver.
Location	Outdoors (near telecommunication centre or remote site).
Keywords	Radiated emission, TV receiver.
Version date	2008-02-29

System configuration

A TV interference problem occurred in the proximity of a building in which telecommunication equipment was installed.

A map of the location of this problem is shown in Figure 1.12-1, where the TV broadcast wave was propagating from the bottom-left to the upper-right domain. The TV receiver that experienced interference was installed just behind the building where the telecommunication equipment was set.

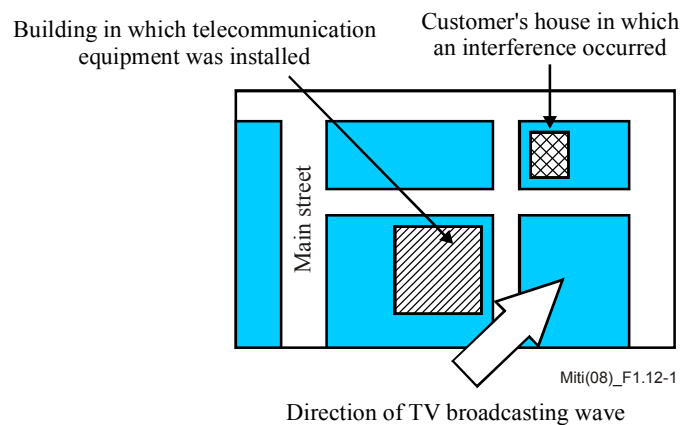


Figure 1.12-1 – Map of the EMI problem