

Mitigation method/Results/Conclusion

The following countermeasures were performed to reduce the interference signal from the telecommunication equipment:

- covering the building wall with shielded sheets (see Figure 1.12-4), and
- clamping ferrite cores on cables connected to the transmission equipment.

After taking these countermeasures, the level of the interference signal decreased from 22 dB to 11 dB. As a result, the D/U ratio became more than 40 dB and the TV interference disappeared (see Figure 1.12-5).

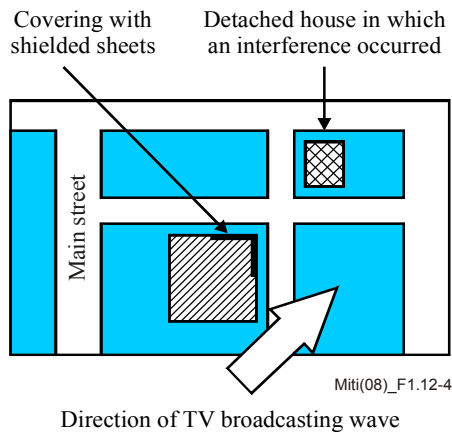


Figure 1.12-4 – Configuration of countermeasure

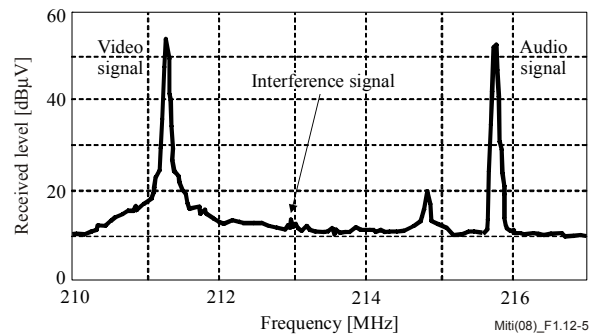


Figure 1.12-5 – Measured spectrum after countermeasures