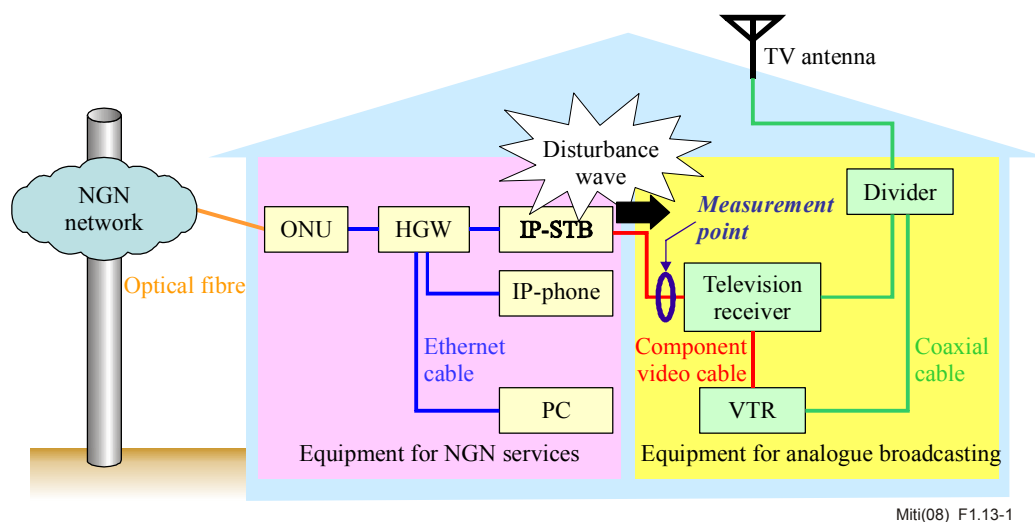


Case study #	1.13
Title	EMC problem on next generation network (NGN) trial
Type of trouble	Disturbance.
Source of trouble	Conducted emission.
System affected	TV receiver.
Location	Customer premises.
Keywords	Radiated emission, TV receiver, IP set-top box (STB).
Version date	2008-02-29

System configuration

Figure 1.13-1 shows a system configuration in a next generation network (NGN) field trial. In this trial service, the home networks of trial users are connected to the NGN by an optical network unit (ONU) and a home gateway (HGW). High-quality video delivery services can be provided when both an IP-STB (IP set-top box) and a TV receiver are connected to the HGW. Analogue TV broadcasting is also provided by the traditional broadcasting equipment.



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Figure 1.13-1 – A system configuration in NGN field trial