

Hi all

This may be of interest.

I live in a townhouse with a neighbour sharing a wall.

In my office on the lower floor I get high levels of WiFi RFR from my neighbour's WiFi Router.

I have shielded most of it in the past with Al foil on cardboard placed on the wall.

As you might expect, this did not look all that good and my wife finally assisted me in making a better looking shield.

The new shield consists of:

- 2 metal filing cabinets
- 1 tall white book shelf - Al foil on back (heavy duty) - stapled to back of book shelf
- 2 bulletin boards (24" x 36") with YShield paint on the back - 1 coat primer plus 1 coat YShield.

The Al foil and paint were not grounded.

The level of RFR with no shielding was in excess of $200 \mu\text{W}/\text{m}^2$ - say 300

The level of RFR with Al or YShield paint was much lower - 5 - $10 \mu\text{W}/\text{m}^2$ - a decrease of about 98% - 96%





Notes

This shielding can be used anywhere and works well.

The YShield paint is not too expensive.

The Al (aluminum) foil is relatively cheap.

I believe that grounding need not be done.

RF measurements should be done to ensure that no other RFR sources might be involved and to determine exactly where the offending RFR was coming from.

Measurements were made with Gigahertz HF59B - MED setting - directional antenna.

The bulletin board with paint could be used to shield a Smart Meter if placed in the correct location inside the house.

The blue wall was here when we moved in and I have not decided to repaint yet. :-D

Cheers

Ted in Maple Ridge