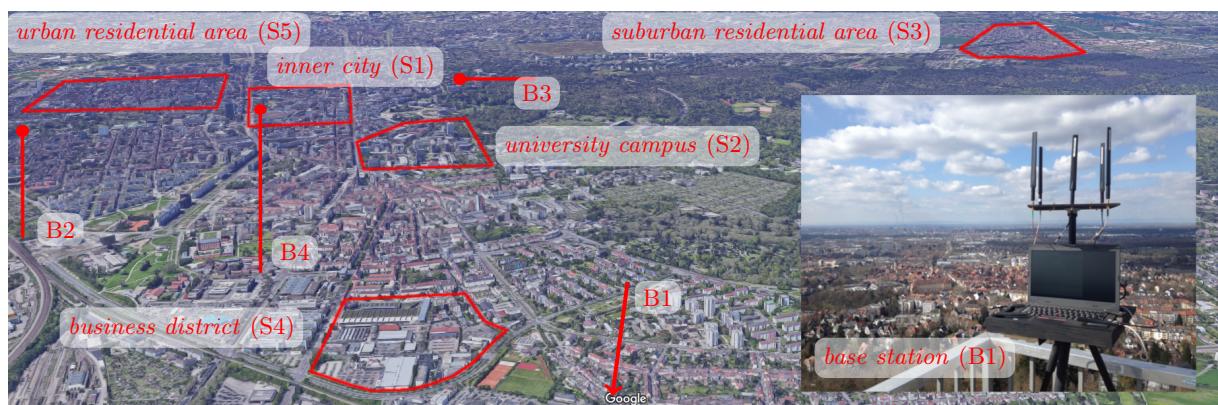


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# Chapter 1

## Inner City (S1)

### 1.1 Overview

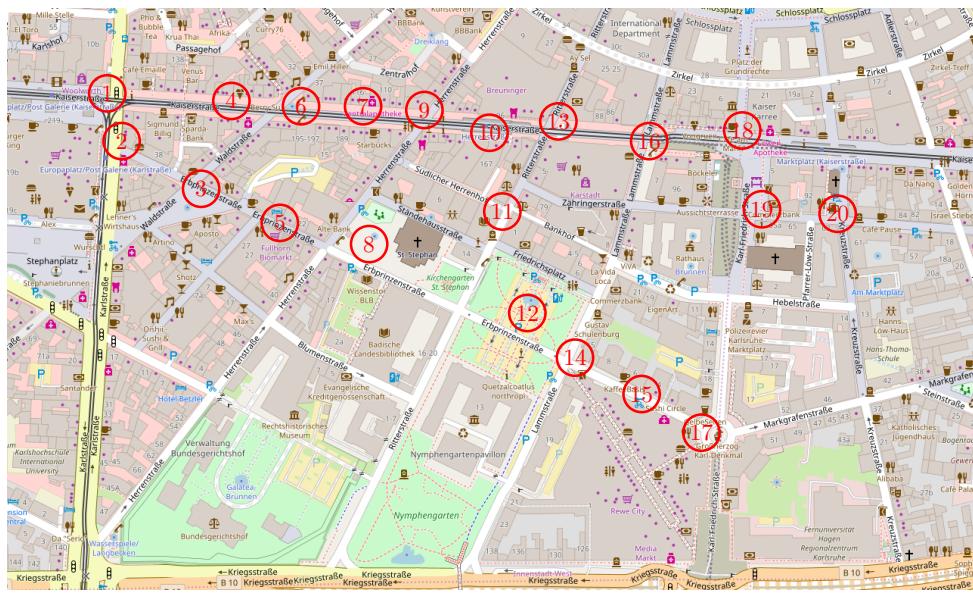


Figure 1.1: inner city

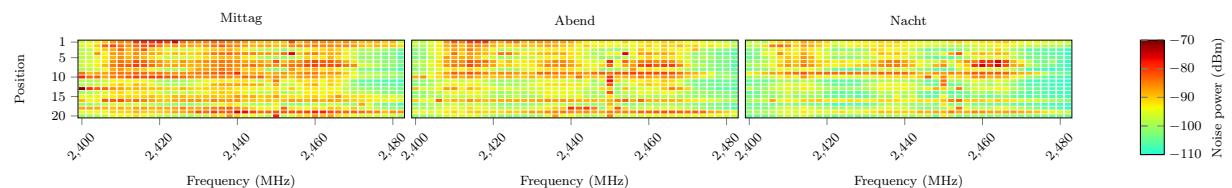


Figure 1.2: Mean noise power inner city Karlsruhe

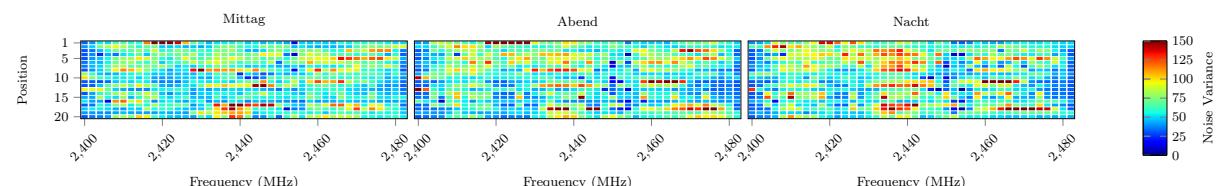


Figure 1.3: Noise power variance inner city Karlsruhe

## 1.2 PER

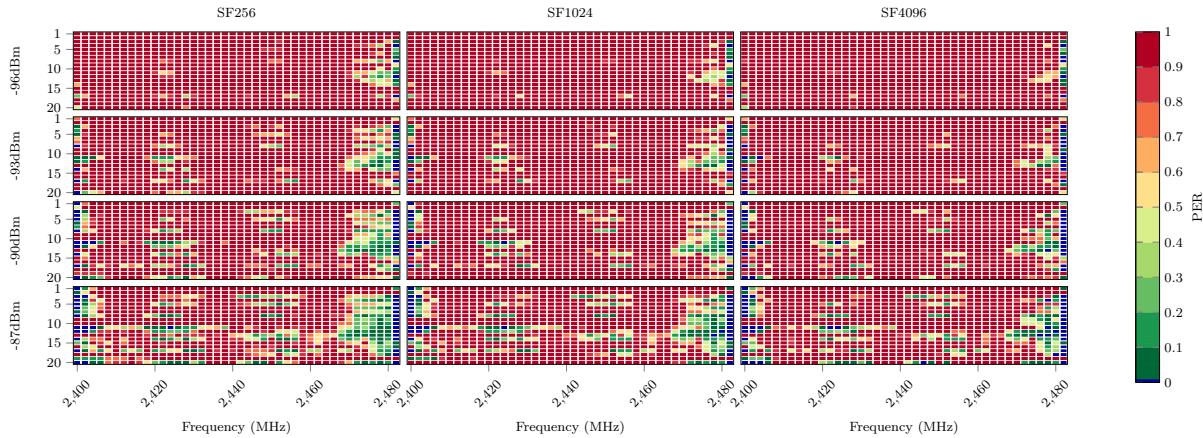


Figure 1.4: PER inner city daytime

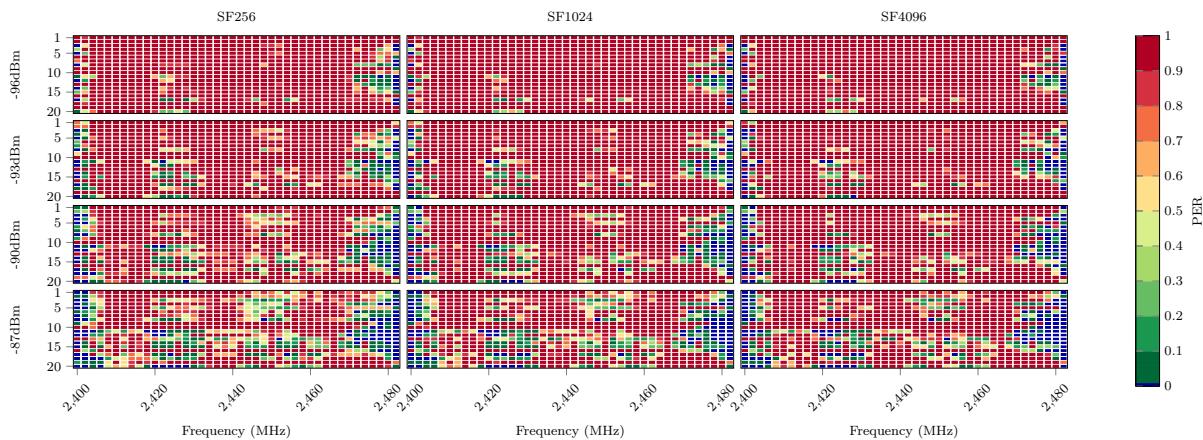


Figure 1.5: PER inner city evening

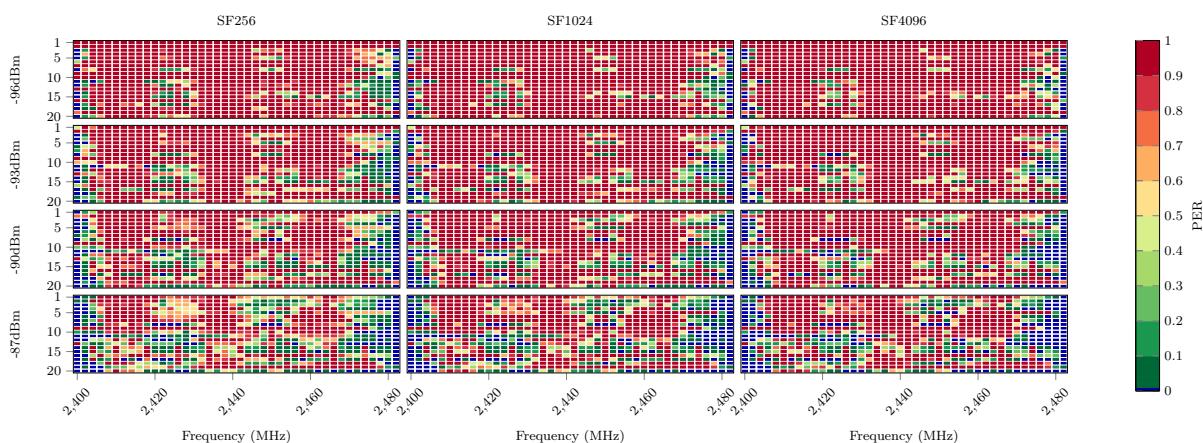


Figure 1.6: PER inner city nighttime

# Chapter 2

## University Campus (S2)

### 2.1 Overview

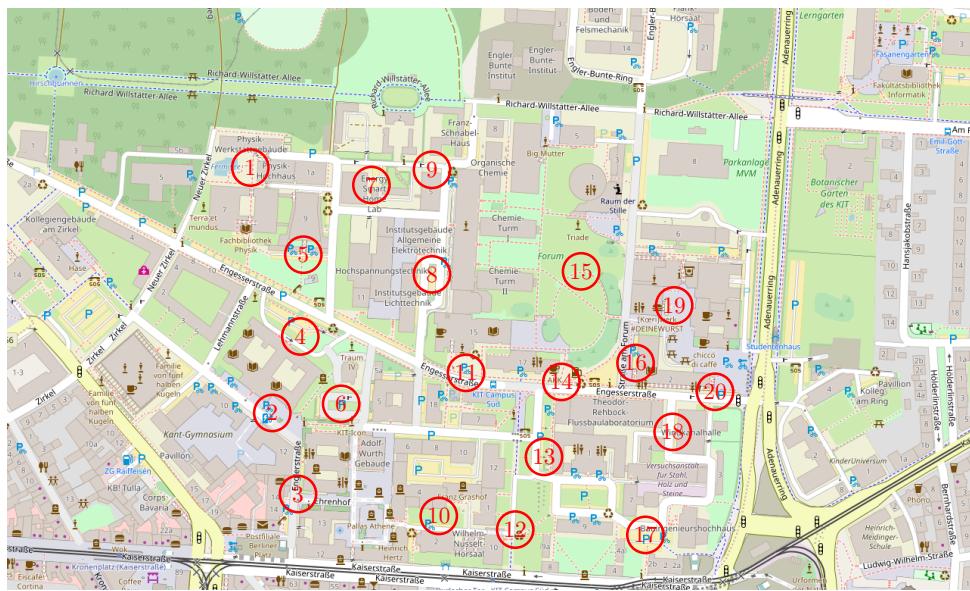


Figure 2.1: University campus Karlsruhe

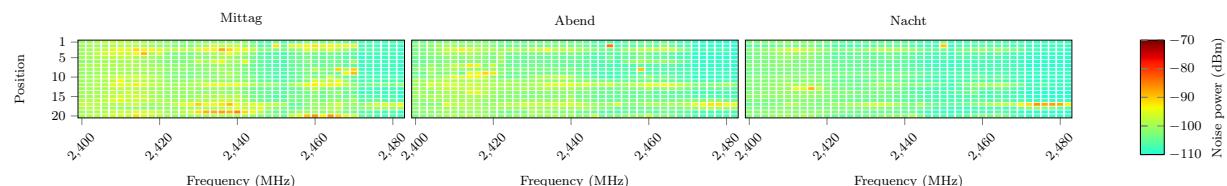


Figure 2.2: Mean noise power university campus Karlsruhe

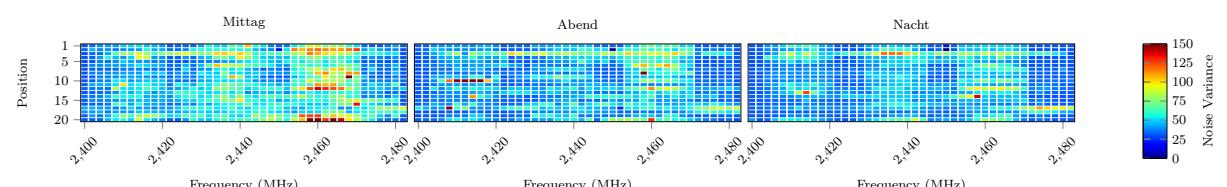


Figure 2.3: Noise power variance university campus Karlsruhe

## 2.2 PER

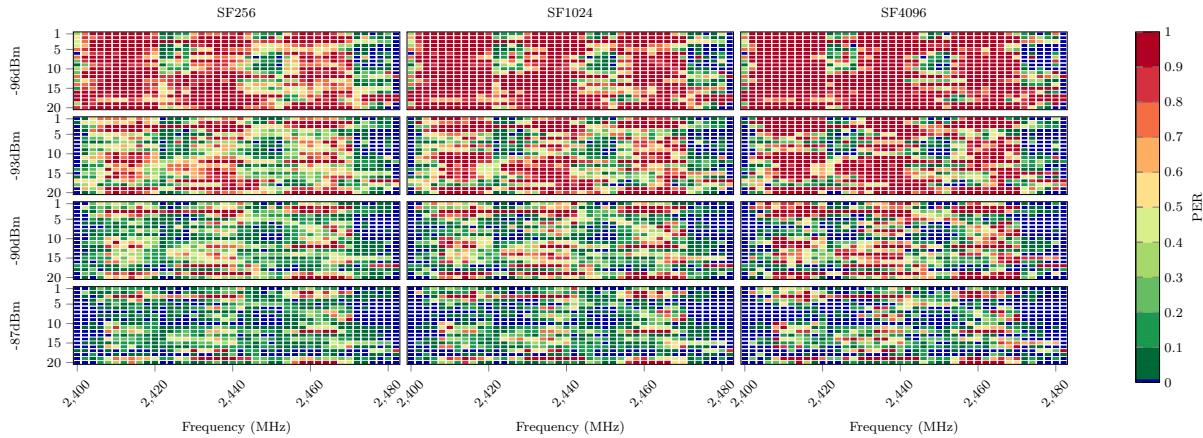


Figure 2.4: PER university campus daytime

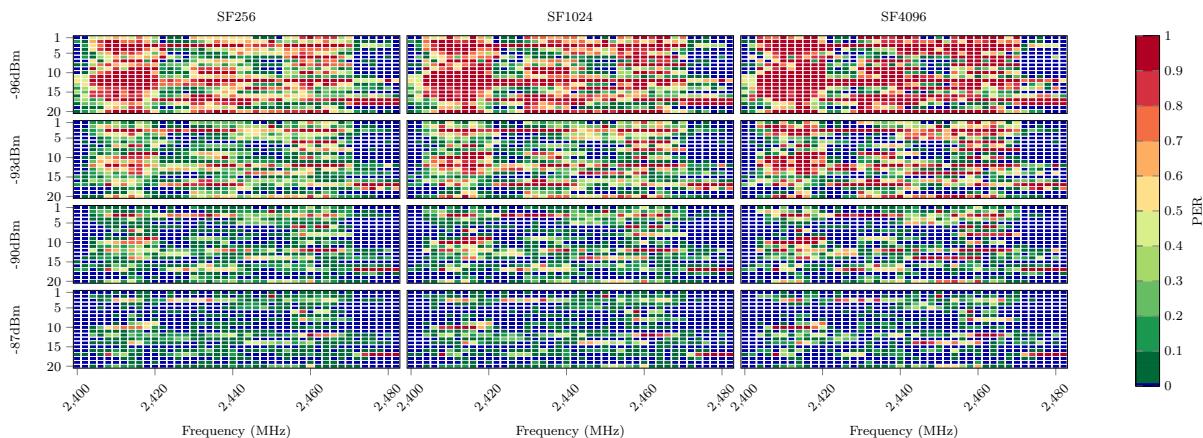


Figure 2.5: PER university campus evening

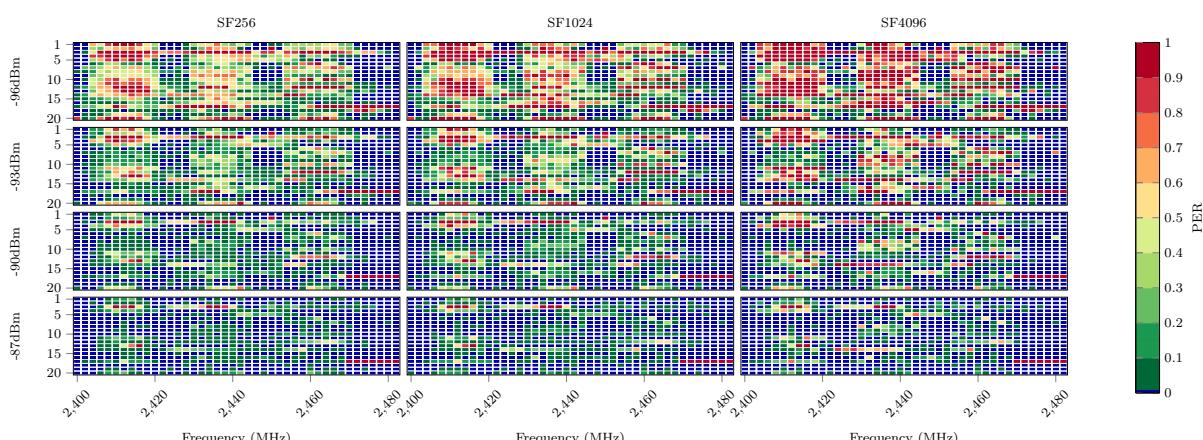


Figure 2.6: PER university campus nighttime

# Chapter 3

## Suburban Residential Area (S3)

### 3.1 Overview

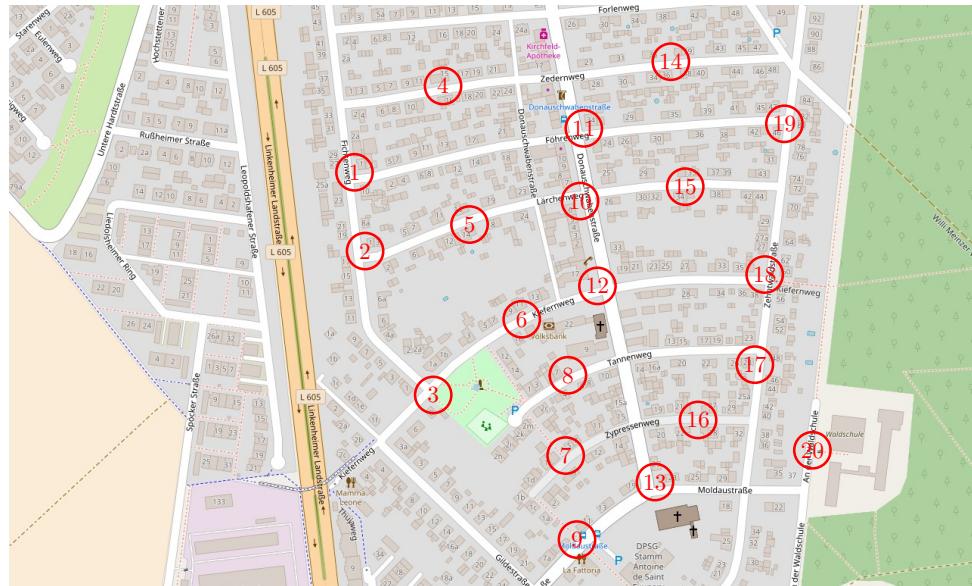


Figure 3.1: Suburban residential area Karlsruhe

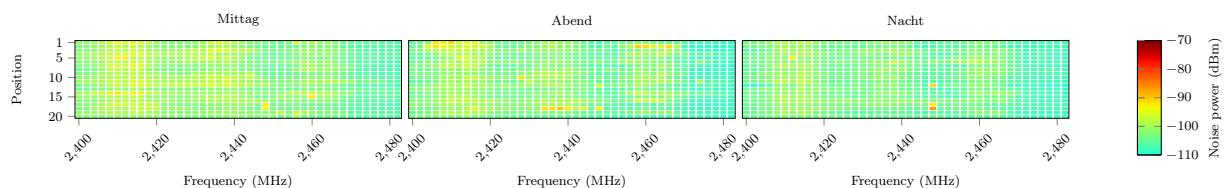


Figure 3.2: Mean noise power suburban residential area Karlsruhe

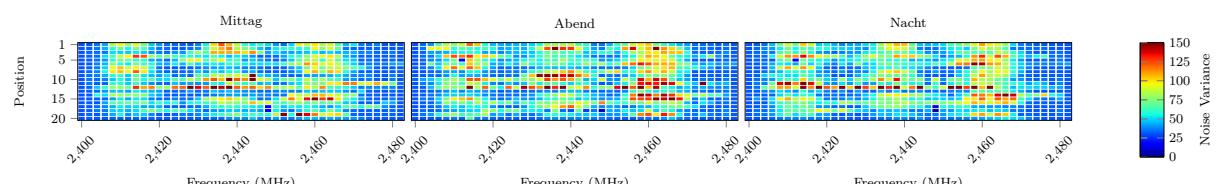


Figure 3.3: Noise power variance suburban residential area Karlsruhe

### 3.2 PER

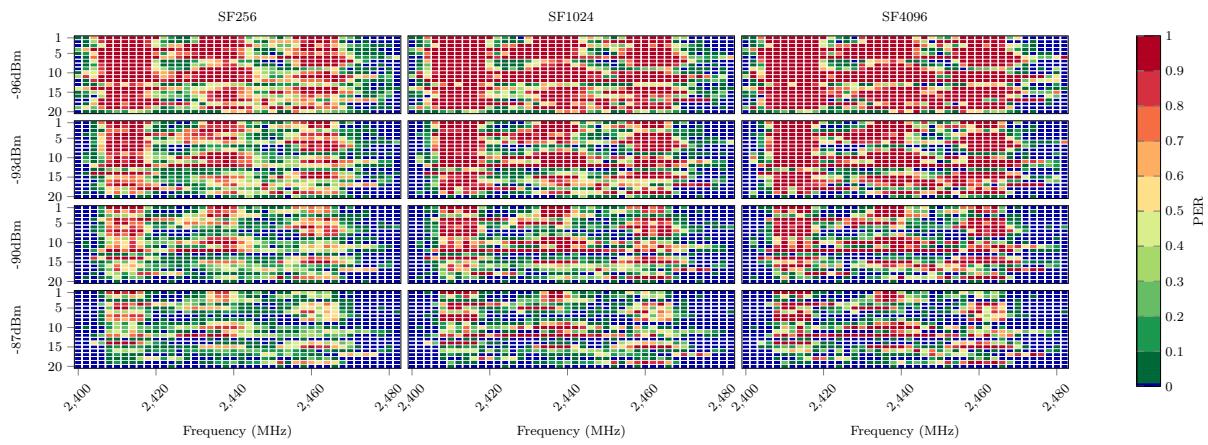


Figure 3.4: PER suburban residential area daytime

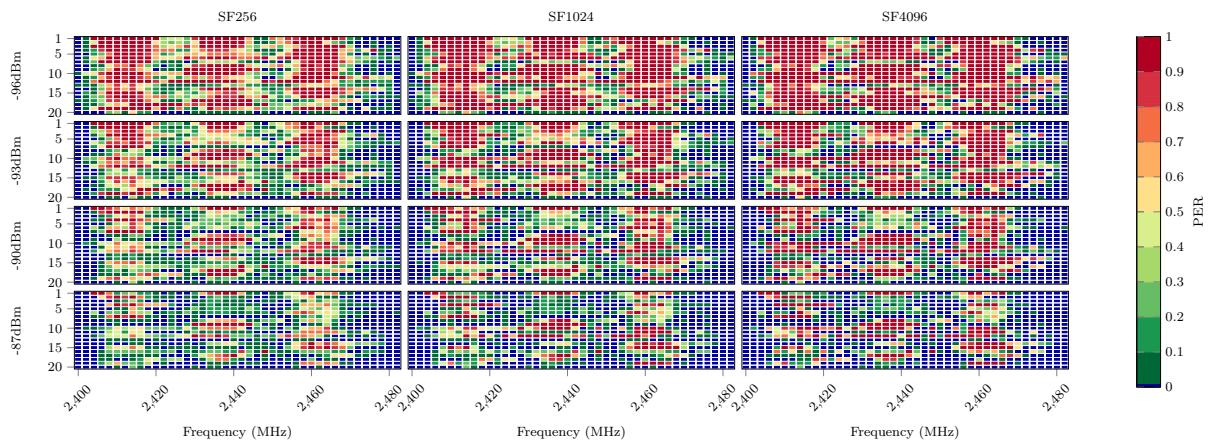


Figure 3.5: PER suburban residential area evening

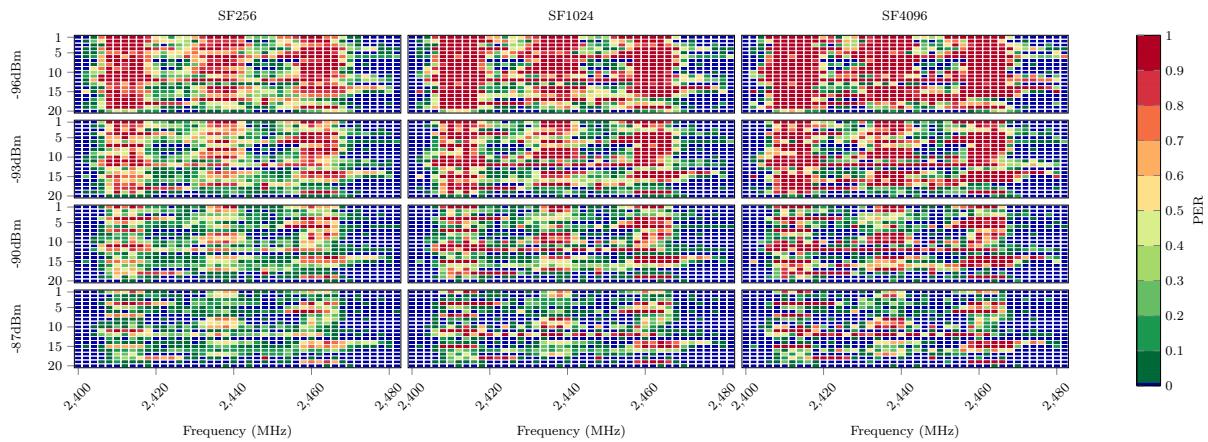


Figure 3.6: PER suburban residential area nighttime

# Chapter 4

## Business District (S4)

### 4.1 Overview

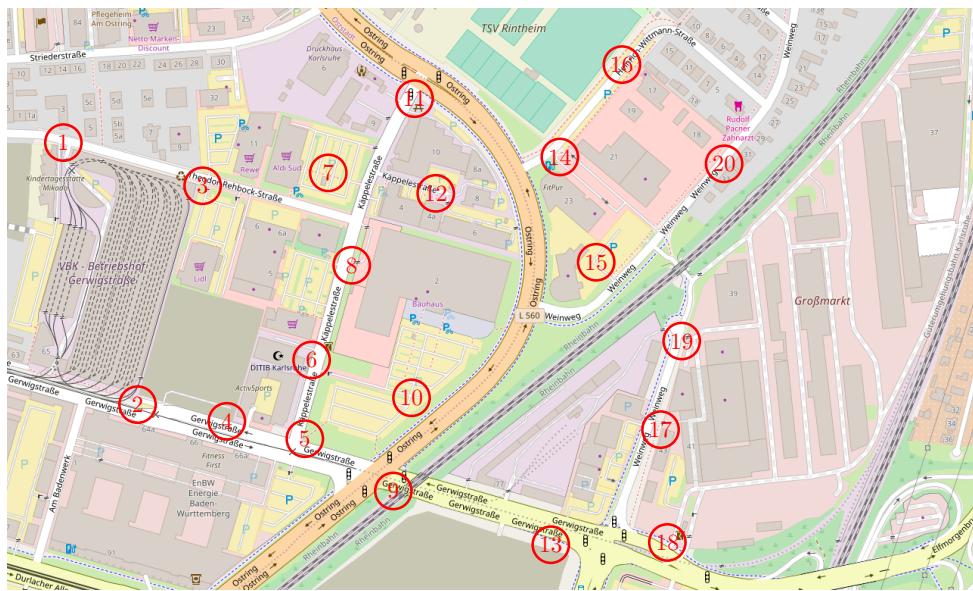


Figure 4.1: Business district Karlsruhe

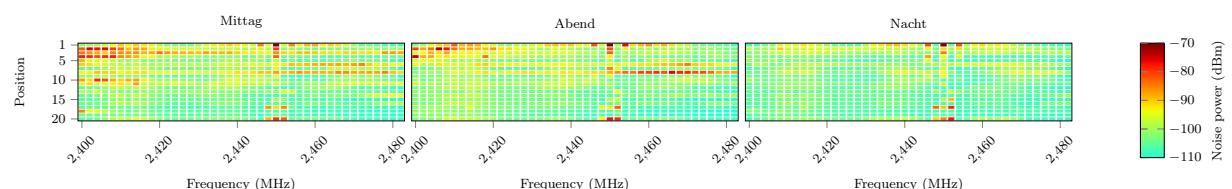


Figure 4.2: Mean noise power business district Karlsruhe

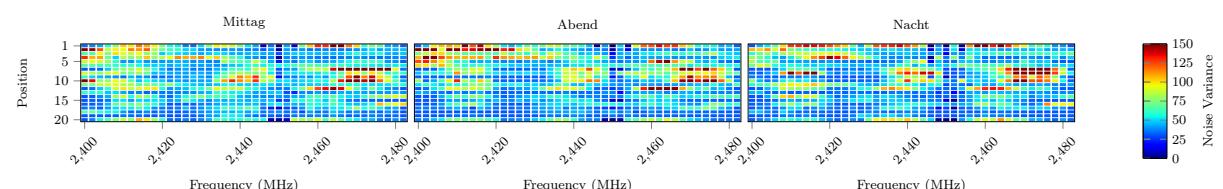


Figure 4.3: Noise power variance business district Karlsruhe

## 4.2 PER

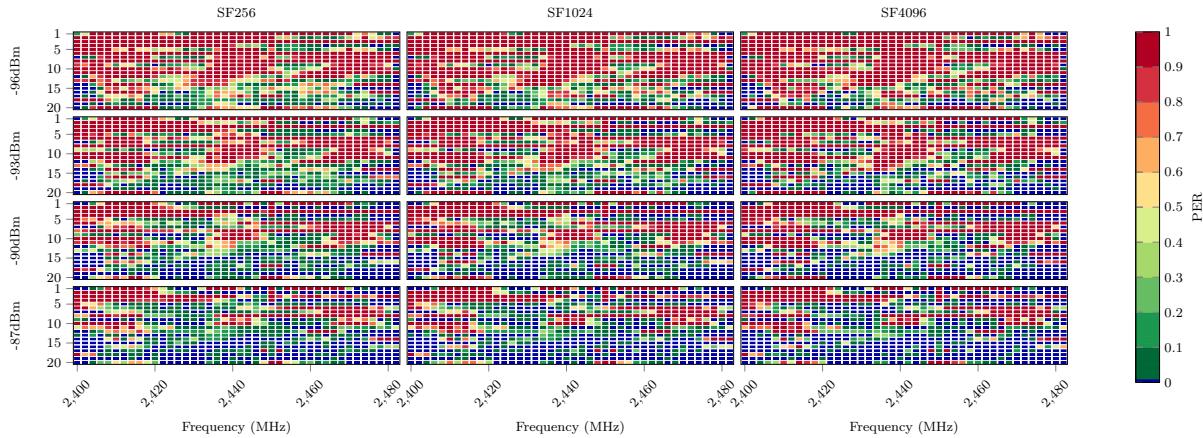


Figure 4.4: PER business district daytime

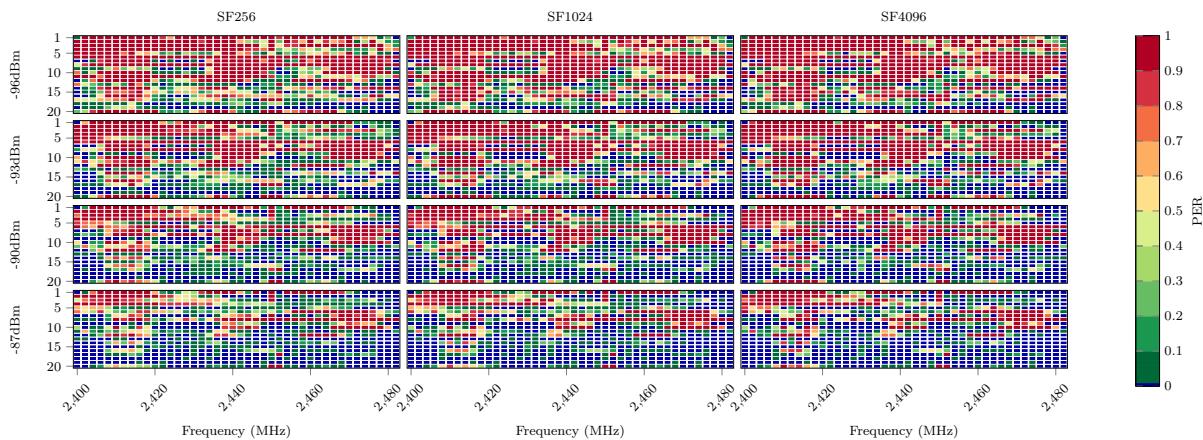


Figure 4.5: PER business district evening

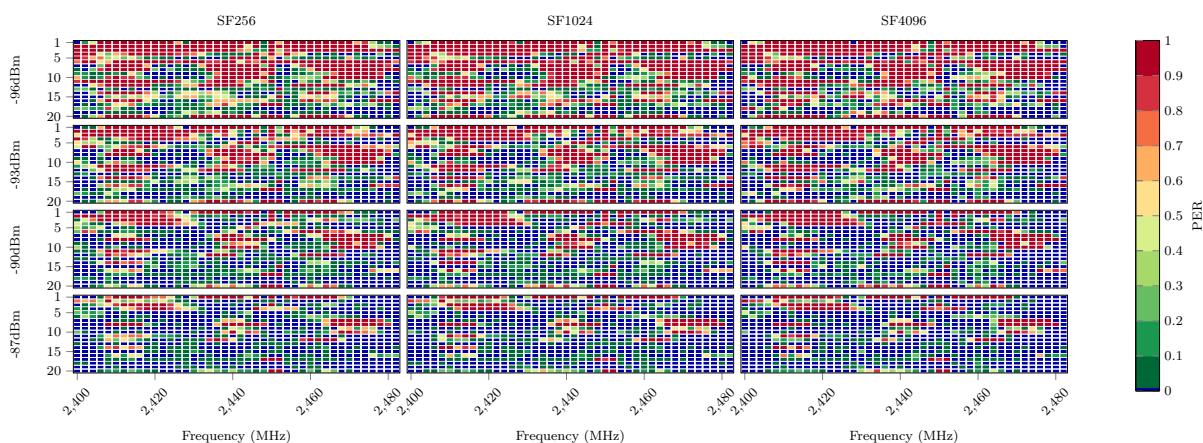


Figure 4.6: PER business district nighttime

# Chapter 5

## Urban Residential Area (S5)

### 5.1 Overview

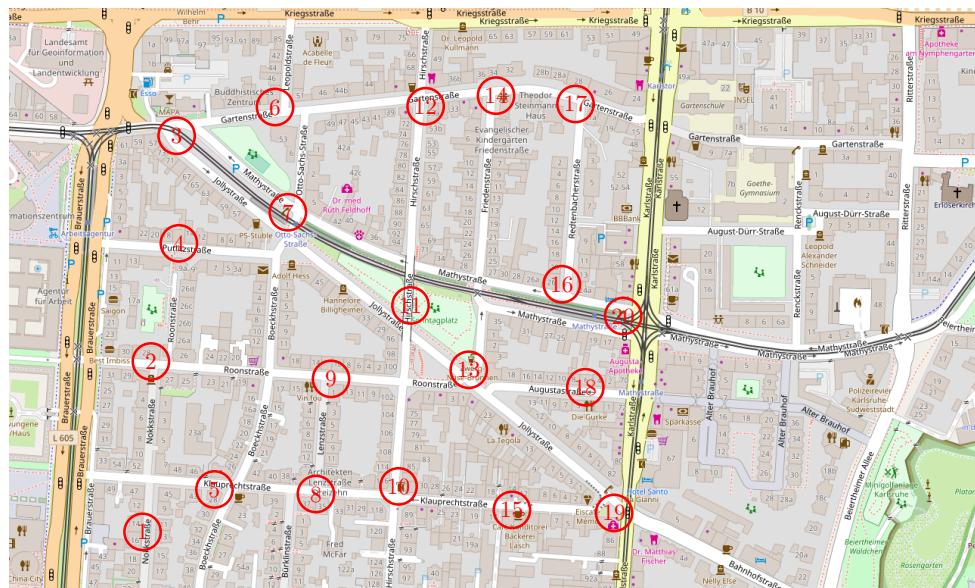


Figure 5.1: Urban residential area Karlsruhe

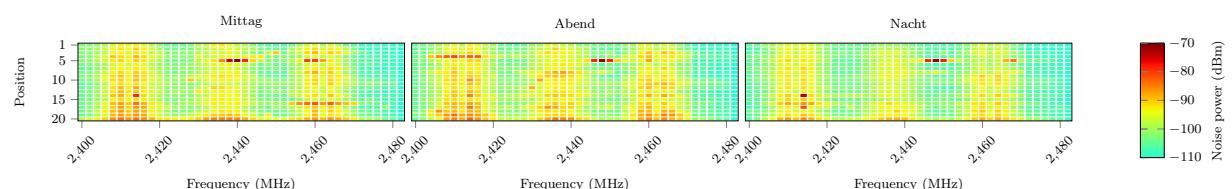


Figure 5.2: Mean noise power urban residential area Karlsruhe

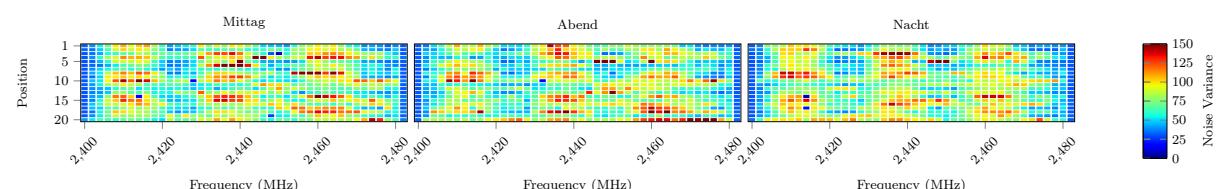


Figure 5.3: Noise power variance urban residential area Karlsruhe

## 5.2 PER

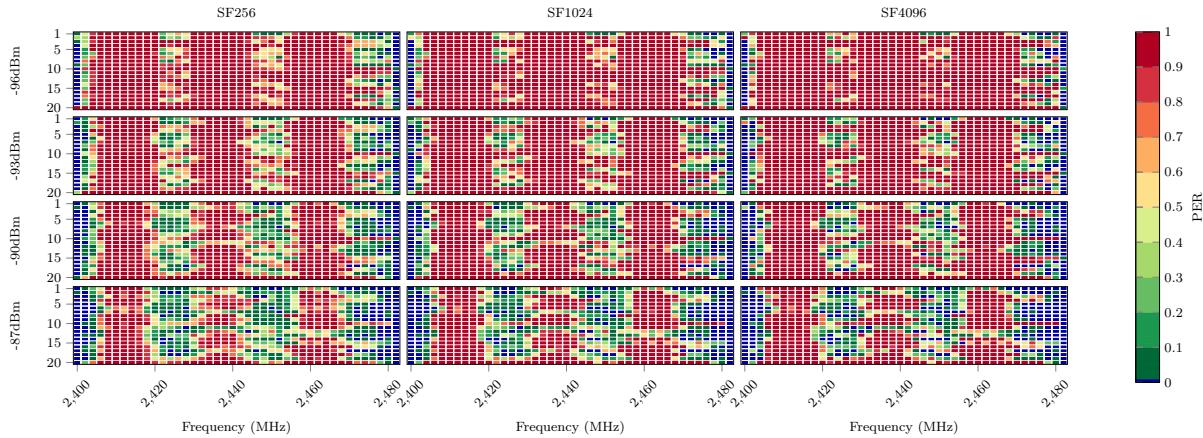


Figure 5.4: PER urban residential area daytime

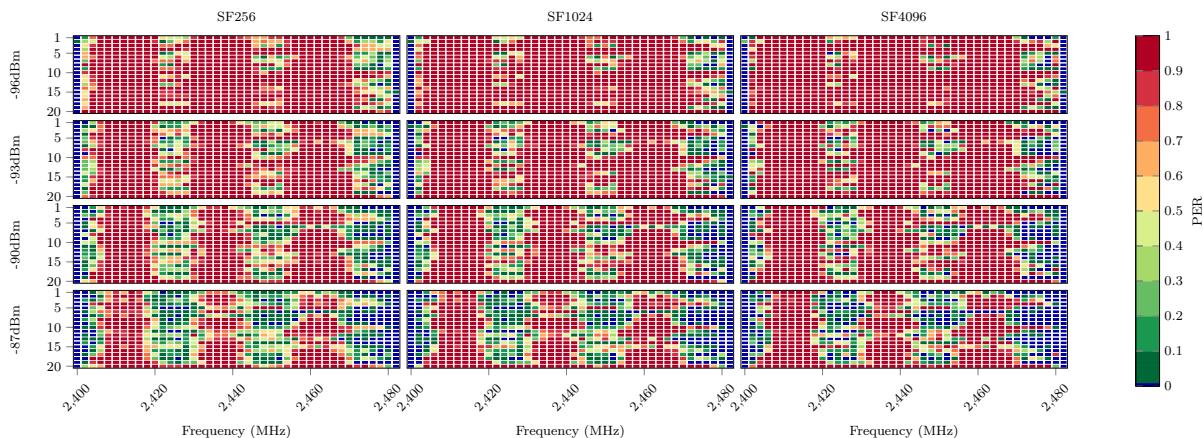


Figure 5.5: PER urban residential area evening

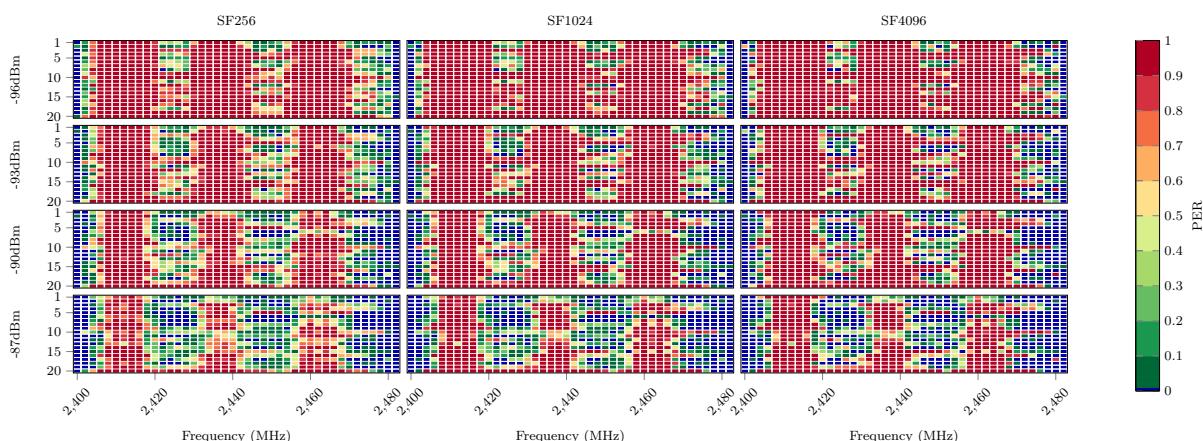


Figure 5.6: PER urban residential area nighttime

# Chapter 6

## Basestations

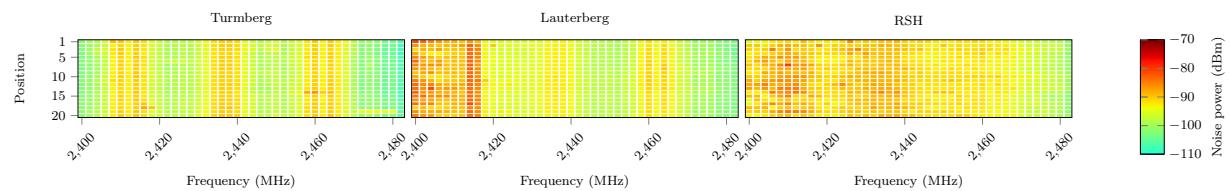


Figure 6.1: Mean noise power basestation Karlsruhe

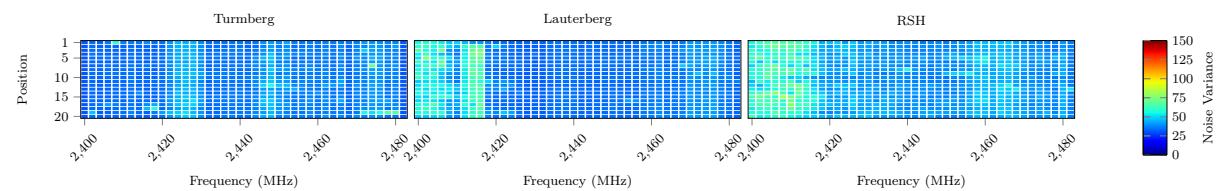


Figure 6.2: Noise power variance basestation Karlsruhe

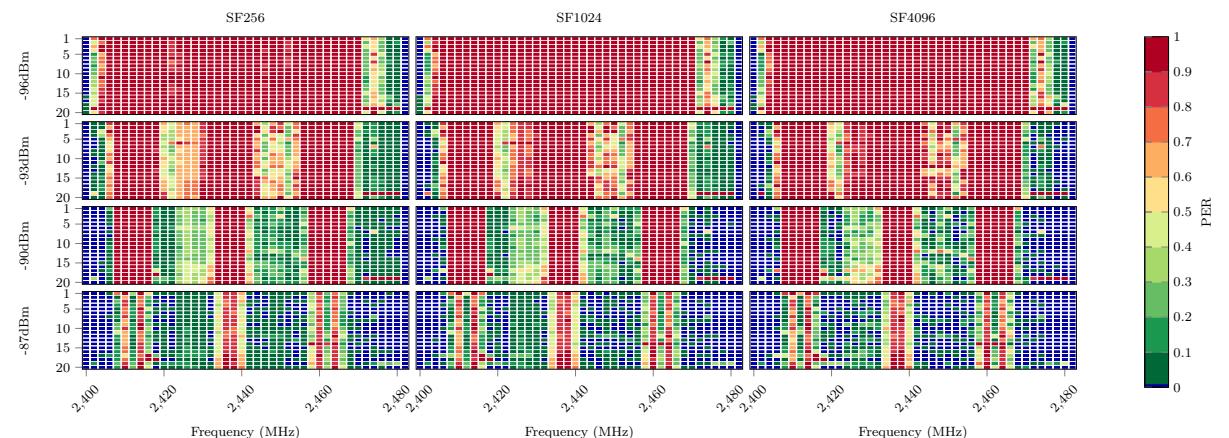


Figure 6.3: PER basestation Turmberg (B1)

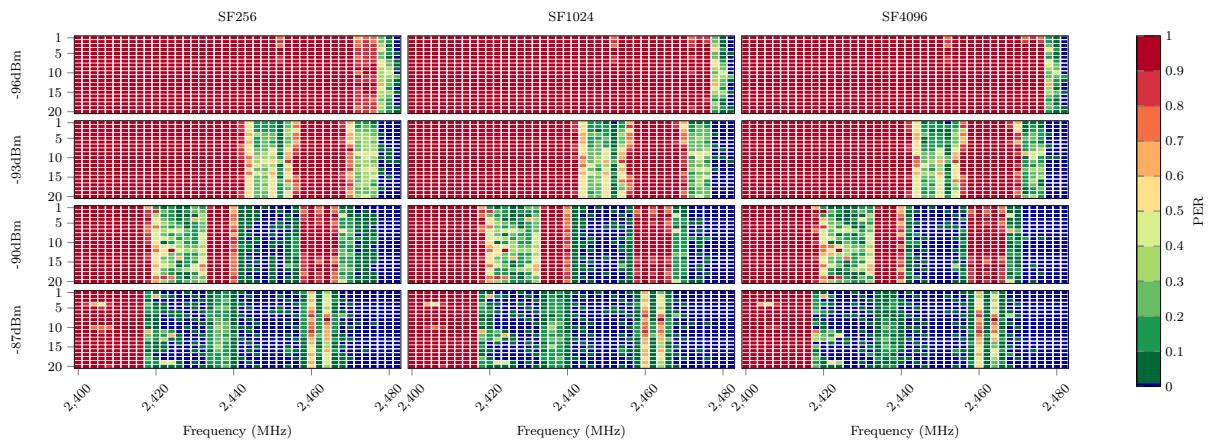


Figure 6.4: PER basestation Lauterberg (B2)

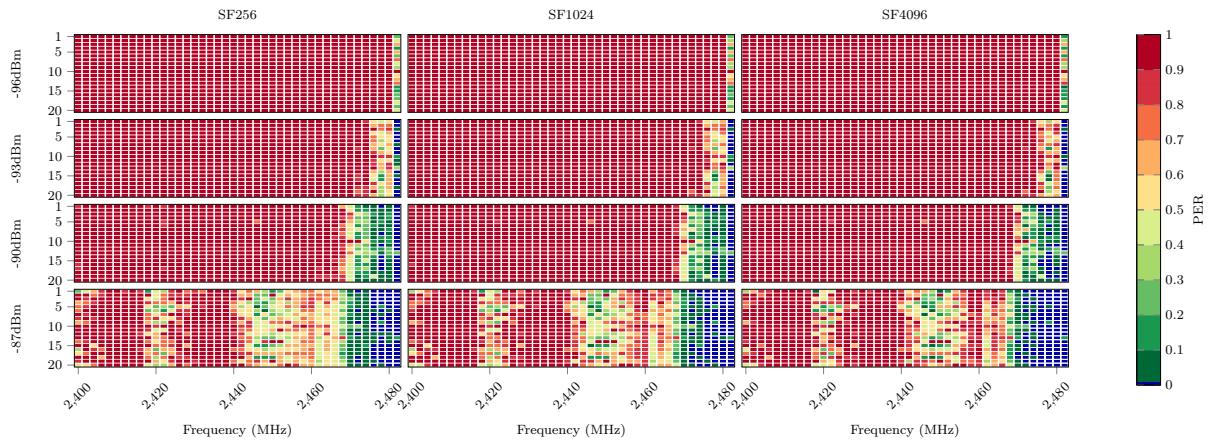


Figure 6.5: PER basestation Roof RSH (B3)

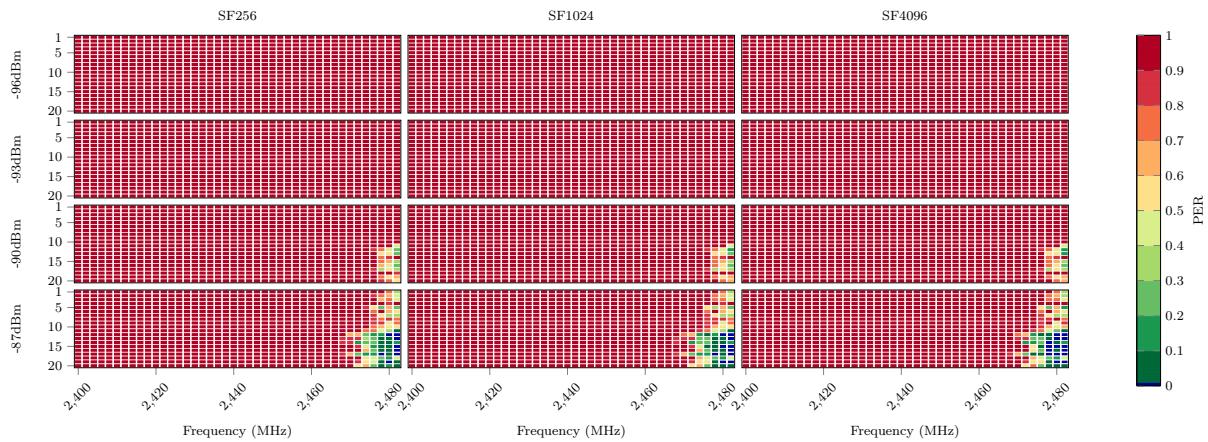


Figure 6.6: PER basestation roof Postbank (B4)