

# WiFi Rapport Steinkjer Kulturhus



Name: **Ekahau Steinkjer Kulturhus**

Location: Steinkjer Kulturhus

Responsible Person: Eivind Haldorsen

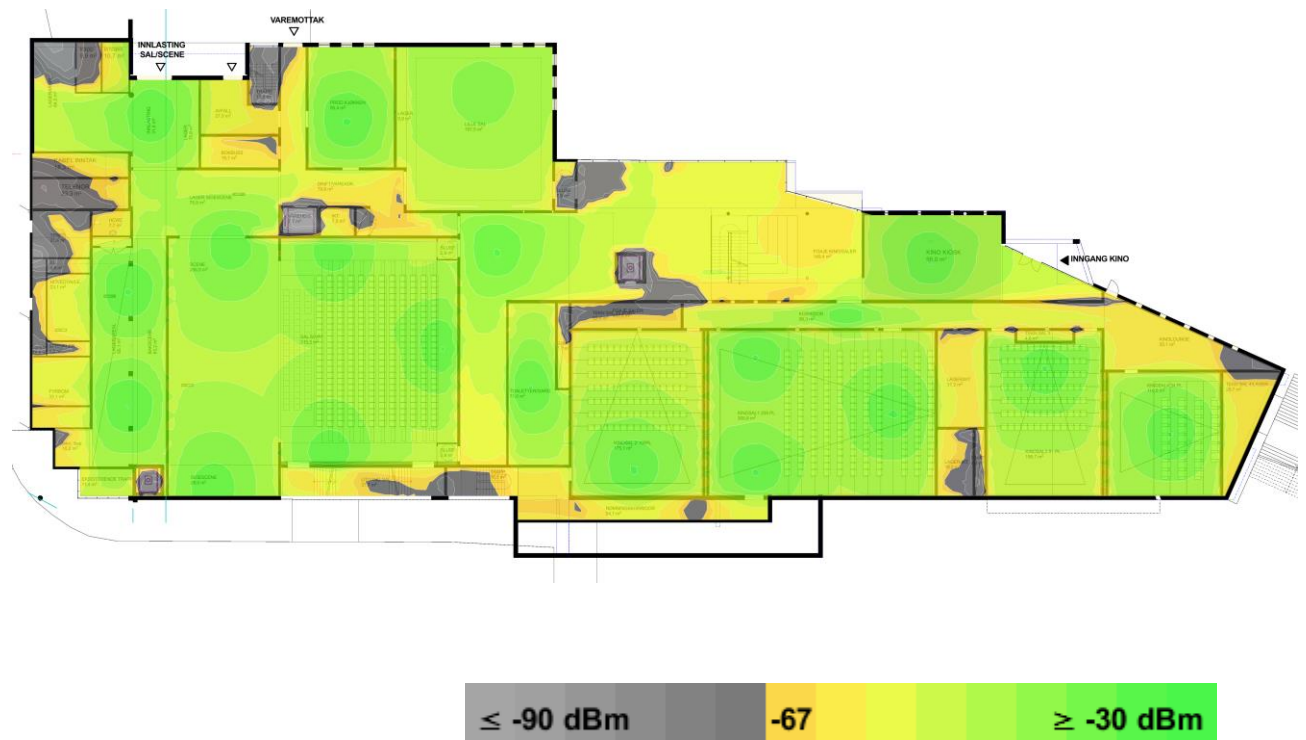
Konkurransesgrunnlaget

Vedlegg 8



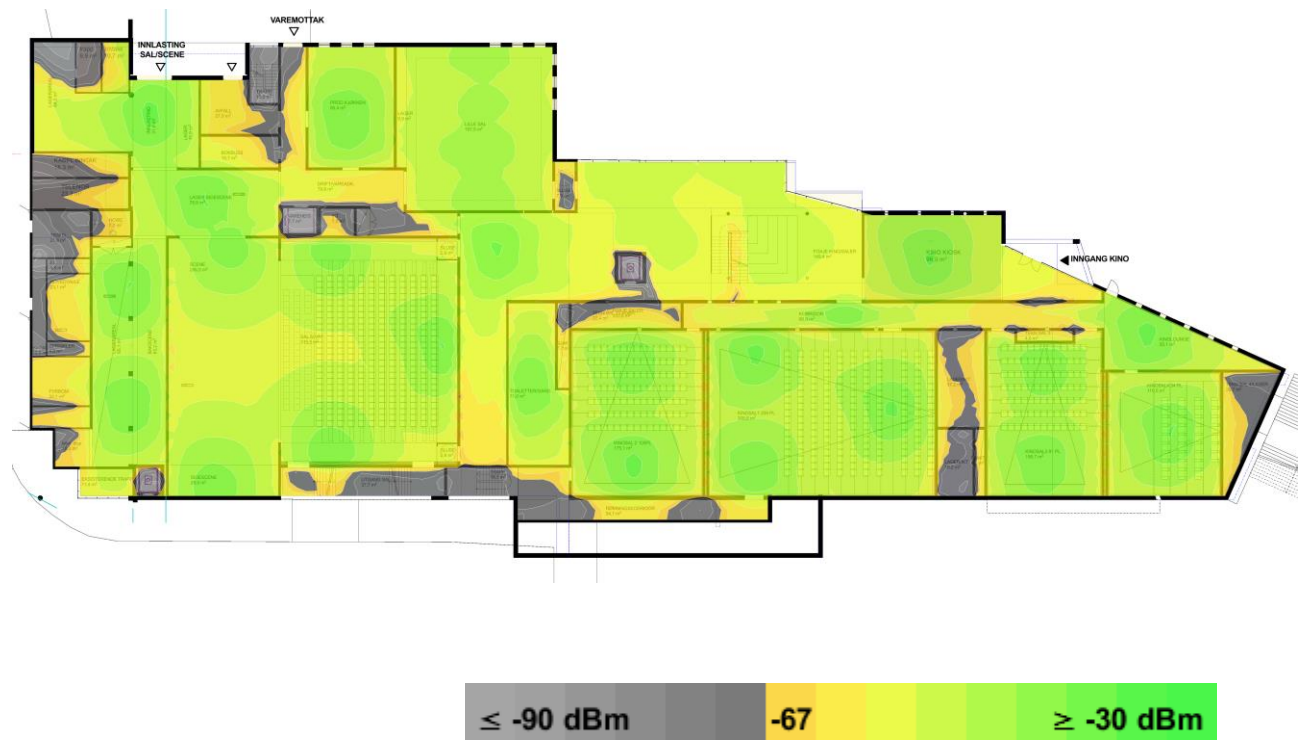
## Signal Strength for Kulturhus 1 on 2.4 GHz band

Signal Strength - sometimes called coverage - is the most basic requirement for a wireless network. As a general guideline, low signal strength means unreliable connections, and low data throughput.

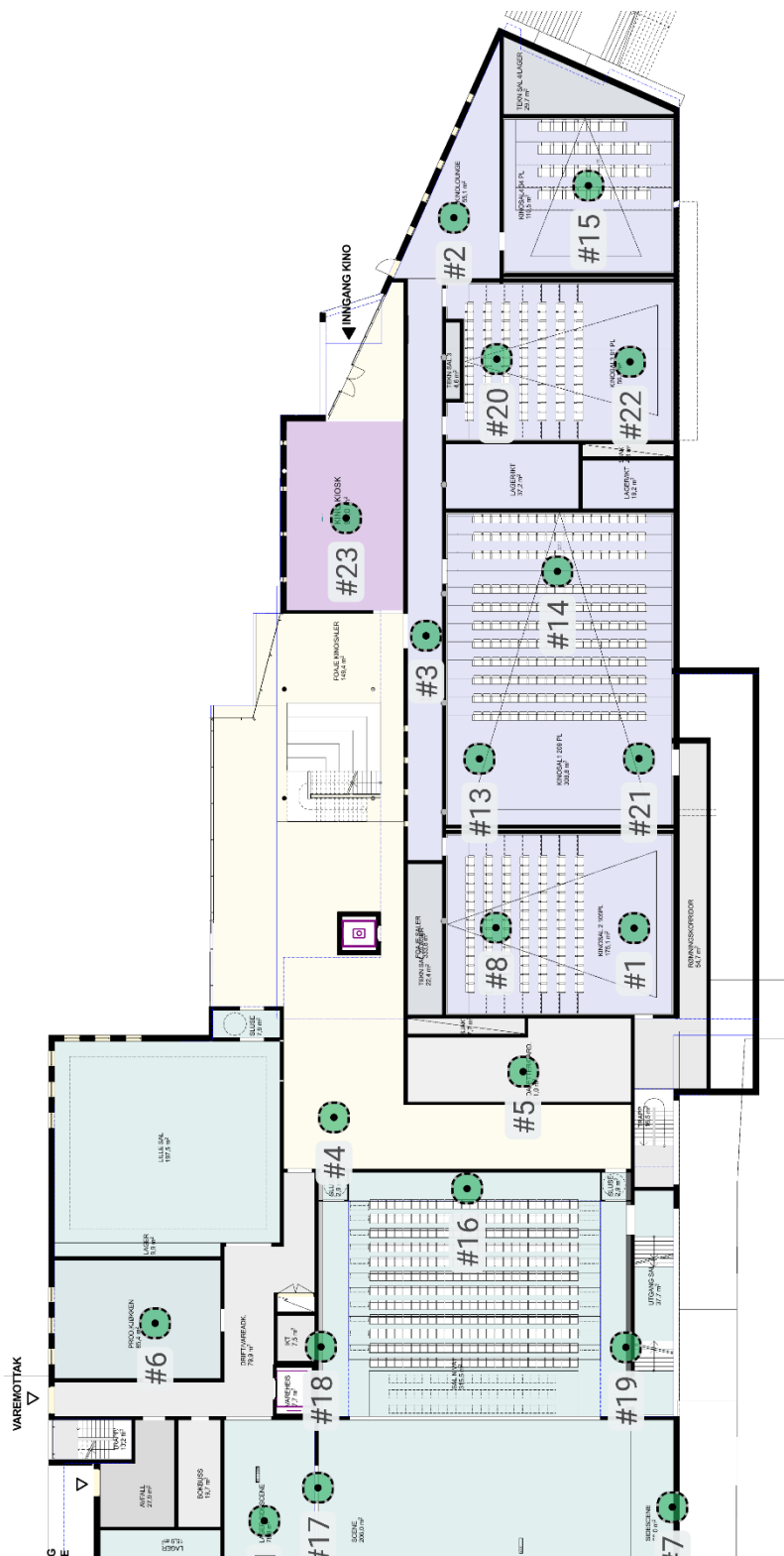


## Signal Strength for Kulturhus 1 on 5 GHz band

Signal Strength - sometimes called coverage - is the most basic requirement for a wireless network. As a general guideline, low signal strength means unreliable connections, and low data throughput.



## **Access Points on Kulturhus 1**



## Kulturhus 2

### Survey routes and Access Points for Kulturhus 2

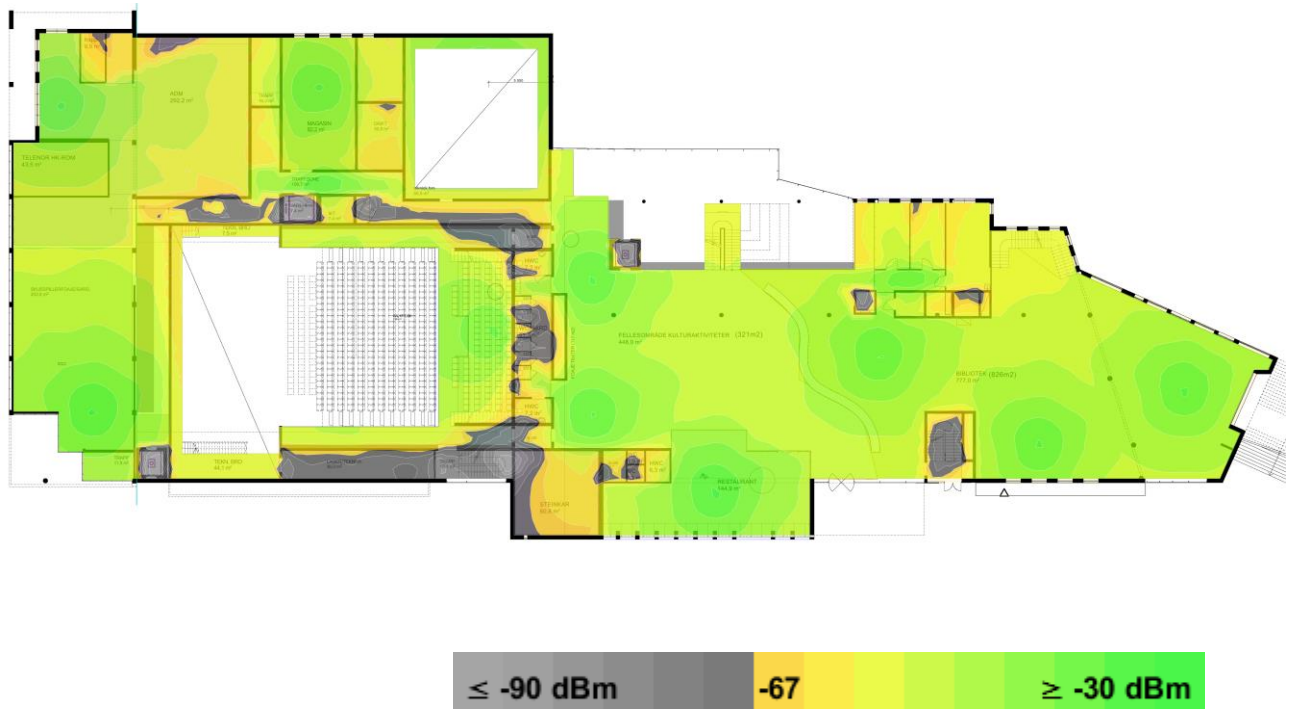


### Area-2 (2,897 m²)

Coverage Requirement: <b>Voice + Data</b>	Signal Strength Min	<b>-67.0 dBm</b>
	Secondary Signal Strength Min	<b>-75.0 dBm</b>
	Signal-to-noise Ratio Min	<b>20.0 dB</b>
	Data rate Min	<b>20 Mbps</b>
	Channel Interference Max	<b>2 at min. -85.0 dBm</b>
	Round Trip Time (RTT) Max	<b>200 ms</b>
	Packet Loss Max	<b>2.0 %</b>

## Signal Strength for Kulturhus 2 on 2.4 GHz band

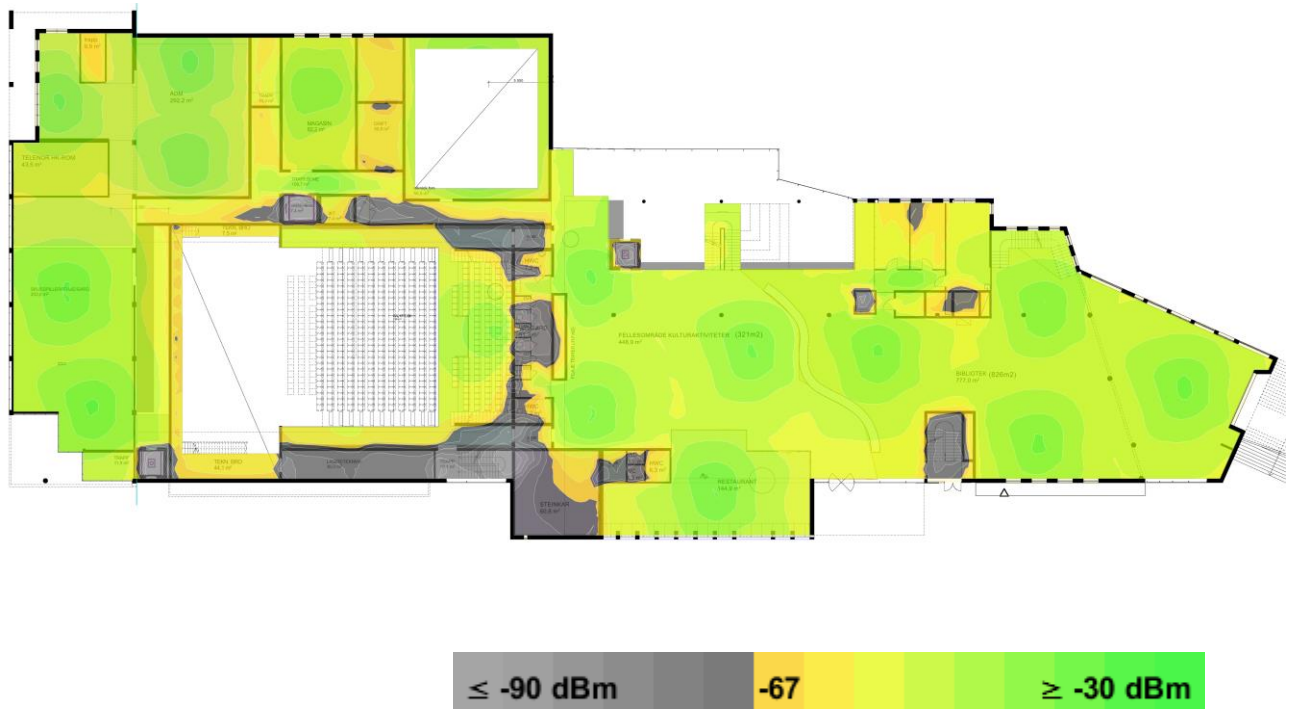
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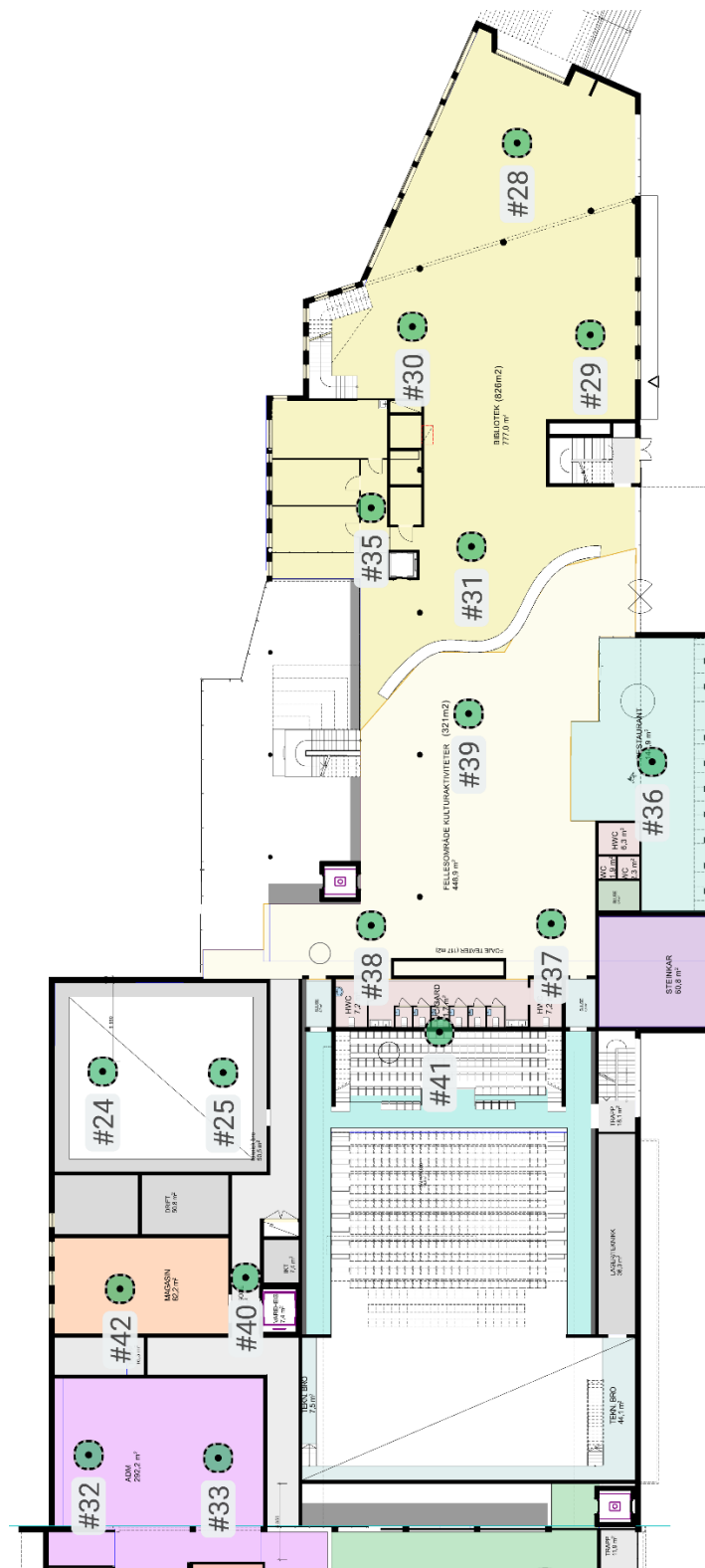


## Signal Strength for Kulturhus 2 on 5 GHz band

Signal Strength - sometimes called coverage - is the most basic requirement for a wireless network. As a general guideline, low signal strength means unreliable connections, and low data throughput.



## **Access Points on Kulturhus 2**



## Kulturhus 3

### Survey routes and Access Points for Kulturhus 3



### Area-3 (2,291 m²)

Coverage Requirement: <b>Voice + Data</b>	Signal Strength Min	<b>-67.0 dBm</b>
	Secondary Signal Strength Min	<b>-75.0 dBm</b>
	Signal-to-noise Ratio Min	<b>20.0 dB</b>
	Data rate Min	<b>20 Mbps</b>
	Channel Interference Max	<b>2 at min. -85.0 dBm</b>
	Round Trip Time (RTT) Max	<b>200 ms</b>
	Packet Loss Max	<b>2.0 %</b>



## Signal Strength for Kulturhus 3 on 5 GHz band

Signal Strength - sometimes called coverage - is the most basic requirement for a wireless network. As a general guideline, low signal strength means unreliable connections, and low data throughput.



## **Access Points on Kulturhus 3**

