

Federal Communications Commission
Authorization and Evaluation division

Equipment Authorization Branch

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Subject: Declaration concerning Antenna Specifiacion for flowIQ 2250 and flowIQ 3250, fccid OUY-FLOWX250

To Whom It May Concern:

The device specified above confirms to the FCC recommendations for a wall mounted antenna type described below:
There exists two different model numbers. The antenna and connector are the same, only difference is cable length. One is delivered with a fixed length of 2 meters. The other with up to 20-meter cable.

- **Manufacturer and model No. of antenna:** Kamstrup Wall antenna, 6699490 with fixed cable length of 2 meters, 6699491 with cable length up to 20 meters .
- **Type of antenna:** Dual band inverted F antenna attached to the meter RF part through a unique Kamstrup designed connector.
- **Frequency range:**

Low band: 450 – 470 MHz.
High band 902 – 928 MHz.

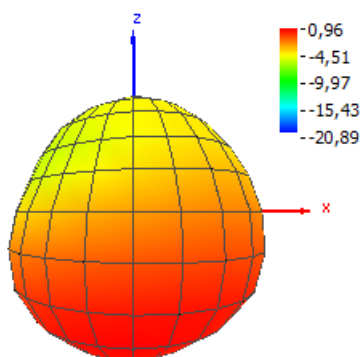
- **Antenna gain:**

Antenna gain listed below with 2 meter cable. A longer antenna cable will effectively reduce the antenna gain with up to 3 dB at low band and 5 dB at high band.

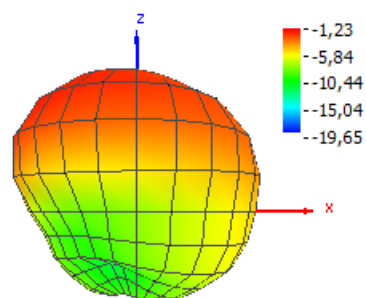
Band	Low			High		
Frequency	450 MHz	460 MHz	470 MHz	902 MHz	915 MHz	928 MHz
Gain	-0.68 dBi	-0.23 dBi	0.45 dBi	-2 dBi	-2.48 dBi	-1.58 dBi



Wall antenna with unique Kamstrup connector.



Antenna pattern, low band.



Antenna pattern, high band.

Please contact me if there is any information you may need.

Sincerely,

Kamstrup A/S

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A handwritten signature in blue ink, appearing to read 'Kris Kaagaard', with a stylized, flowing script.