

Federal Communications Commission
Authorization and Evaluation division

Equipment Authorization Branch

7435 Oakland Mills Road
Columbia, MD 21046
U.S.A.

Kamstrup A/S
Industrivej 28, Stilling
DK-8660 Skanderborg
TEL: +45 89 93 10 00
FAX: +45 89 93 10 01
E-MAIL: kamstrup@kamstrup.dk
WEB: www.kamstrup.com

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

To Whom It May Concern:

The device specified above confirms to the FCC recommendations for external antenna type described below:

- Manufacturer and model No. of antenna: Kamstrup US Pit antenna, 6697902 and 6697903.
- Type of antenna: dual band patch antenna attached to the meter's radio through a cable and a proprietary Kamstrup-designed connector. The cable length is 2 m (6697902) and 7.5 m (6697903) long. The highest values of gain are achieved by the pit antenna with the shortest cable.
- Frequency range:

Low band: 450 – 470 MHz.

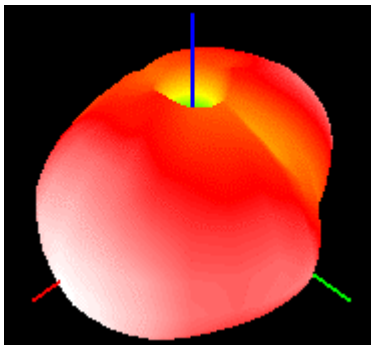
High band 902 – 928 MHz.

- Antenna gain: all data pertains to the 2 m cable case

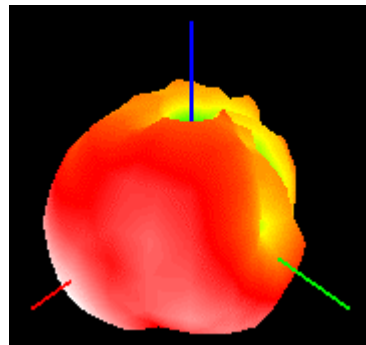
Band	Low			High		
Frequency	450 MHz	460 MHz	470 MHz	902 MHz	915 MHz	928 MHz
Gain	-2.1 dBi	-0.5 dBi	0.0 dBi	2.0 dBi	2.2 dBi	1.5 dBi



Kamstrup antenna and proprietary connector



Antenna pattern, low band.



Antenna pattern, high band

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

Sincerely,

Kamstrup A/S

Kris Kaagaard
Product Specialist
Meter Division, Water
Direct phone: +45 89 93 14 35
E-mail: krk@kamstrup.com