

Federal Communications Commission
Authorization and Evaluation division

Equipment Authorization Branch

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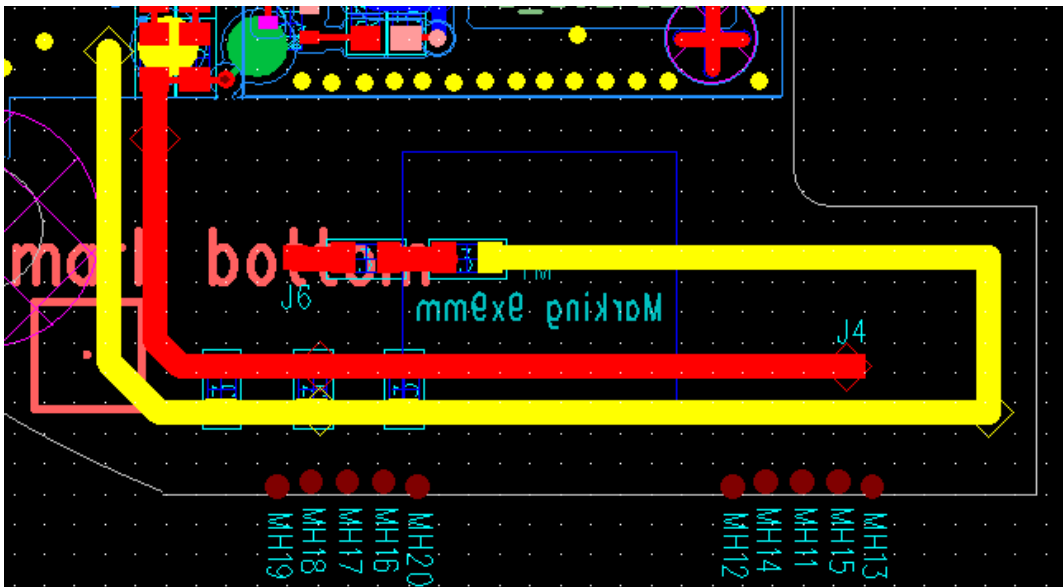
2012.10.09

Subject: Declaration concerning Antenna Specification for flowIQ 2100 and fccid OUY-FLOW2100

To Whom It May Concern:

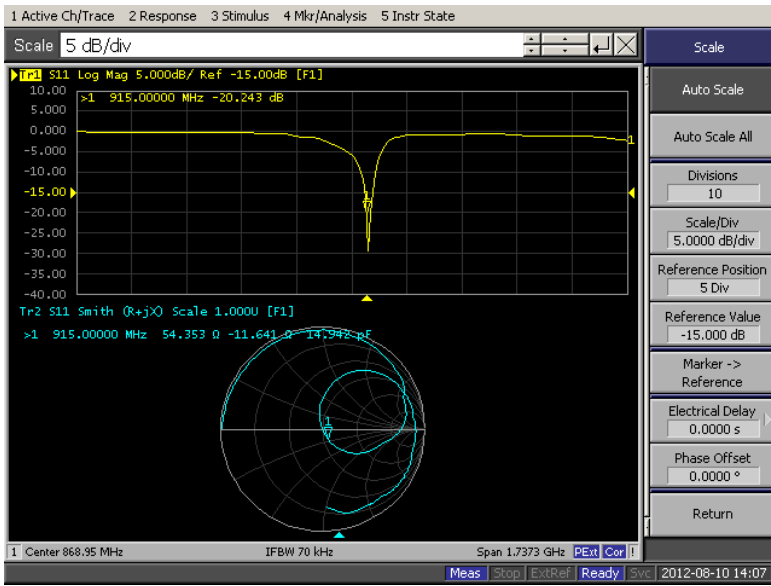
The device specified above confirms to the FCC recommendations for internal antenna type described below:

- Manufacturer and model No. of antenna: Kamstrup PCB antenne for PCB 5535 1262
- Type of antenna: simple wire antenna (1/4 wave antenna) permanently attached (i.e. soldered into the PCB / built into the housing)
- Antenna gain : 0 dBi

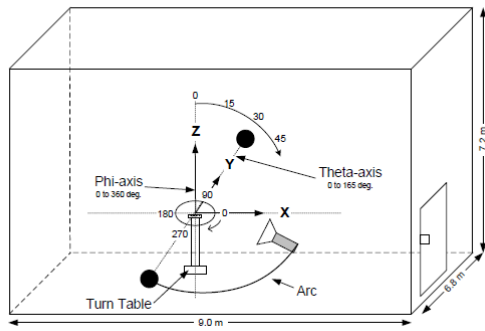


PCB antenna on 5550 1262 PCB.

Frequency range for antenna: 916 +/- 20 MHz



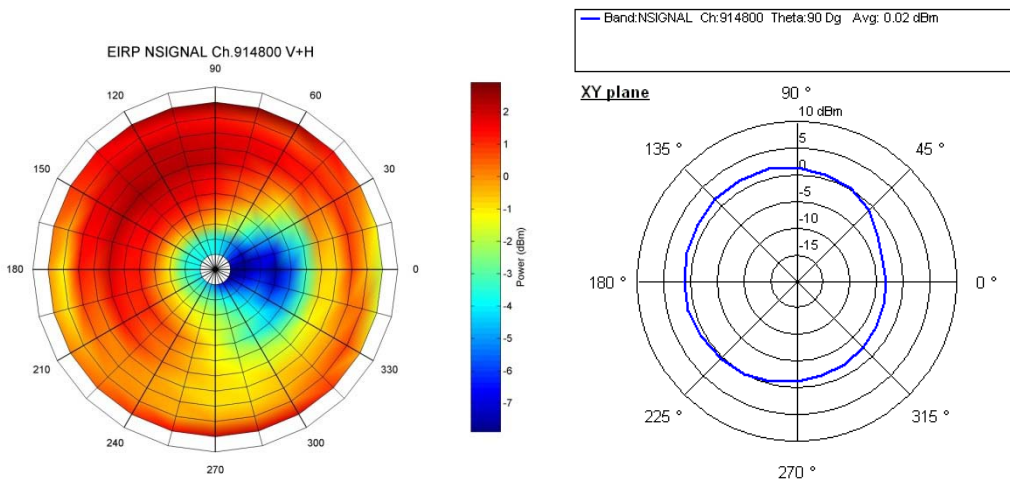
Conducted S parameter for PCB antenna.



Coordinate system in the antenna chamber.



Test of the FLOWIQ210 antenna



The antenna pattern is measured for a 8 dBm conducted output power and the total radiated power is -0,29 dBm.

The mounting of the antenna is fixed to the radio module and no other antenna should be used.

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

Sincerely,

Kamstrup A/S

A handwritten signature in black ink that reads "B L Jensen". The letters are cursive and somewhat stylized.

Bjarne Lund Jensen

Product Manager, Remote reading

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