



January 29, 2025

Subject: Antenna Specifications

FCC ID: 2AC8R-NFC5

IC: 12430A-NFC5, HVIN: NFC

To Whom It May Concern:

Elkay model **DSSBF8SP** described as *Enhanced Connected Floor Standing Bottle Filling Station Filtered Refrigerated* has a transceiver with a non-tunable trace antenna and output power that is not adjustable. As a result, no SWR plot, Impedance Plot or S11 plot is required or available.

Details of this antenna on page two.

Best Regards

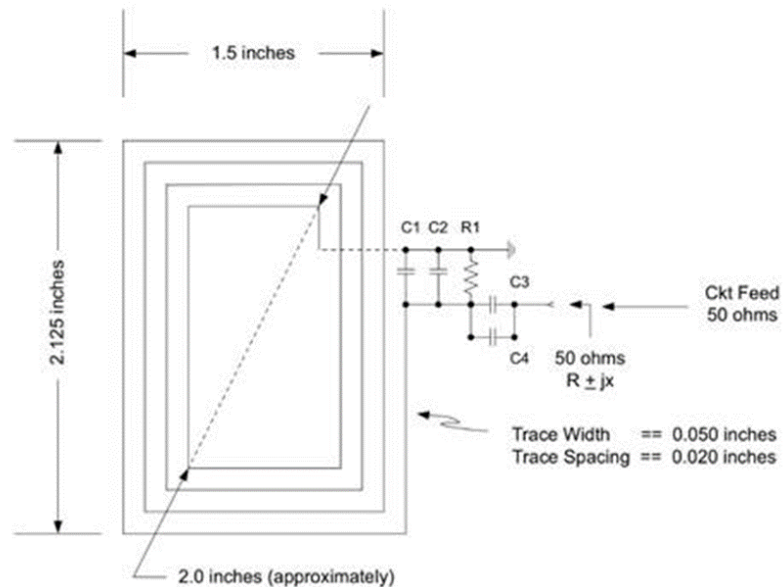
A handwritten signature in blue ink, appearing to read 'René G. Laude', is written over a horizontal line.

René G. Laude

Sr. Compliance Engineer

January 29, 2025

Enhanced Connected Floor Standing Bottle Filling Station Filtered Refrigerated.
Filter NFC Board (1000004409) antenna specifications



- Physical description (including PCB trace layout – trace length, size, turns) - Refer above diagram.
- Frequency range capability - 13.56 MHz center frequency with a bandwidth of 2 MHz
- Peak gain - Since a magnetic field antenna does not really have any gain, this should be listed as gain=1 or gain=0dB
- Antenna pattern - omnidirectional
- SWR plot (if available) - NA
- Impedance plot (if available) - NA
- S11 plot (if available) – NA