Maximum Permissible Exposure.

This device has a peak conducted power output of 0.011mW (-19.7dBm) with a measured field strength of 60.6dBuV/m at 3 meters.

This device is designed for use at distances much larger than 20 cm, however for the purpose of demonstrating compliance with MPE requirements and SAR exemption; we present a worst case distance of 5 mm.

As per RSS-102, Section 2.5.1, the limit for 450 MHz at 5 mm is 52 mW. This device is under limit for 5 mm.

As per FCC KDB 447498 D01, 4.3.1a, the equation is
(max power of channel, including tune - up tolerance, mW) / (min. test separation distance, mm)· [√f (GHz)] ≤3.0

Therefore:
(0.011 mW / 5 mm) x (0.45)^0.5 ≤ 3.0
= 0.0022 x 0.67
= 0.001474 which is less than 3.0, therefore this device complies with FCC requirements at 5 mm or greater.