The Corventis radio, FCC ID: XOH-PIIX2 is used in portable application, close to human body. Therefore the radio must comply with SAR requirements.

Compliance with the SAR requirements is considered without testing because the RF power of channel is below SAR Test Exclusion Threshold.

The SAR Test Exclusion Threshold (TET in mW) is calculated according to the KDB 447498, sec 4.3.1.1) using formula:

$$TET = \frac{3 \times d}{\sqrt{f_{(GHz)}}}$$

where d = 5 mm – is the minimum test separation distance. At f = 2.45 GHz, TET = 9.6 mW (10 mW if rounded).

The maximum RF Power measured is 1.77 dBm or 1.5 mW., well below the SAR Test Exclusion Threshold.