

Response to ACB questions

Reference: ATCB010328 | YVT-LPIC0001 | 9304A - LPIC0001 | | YVT-LPIC0001_ATCB010328

1. For the IC application I will need the gain of the antenna used, types of modulation, emission designator, transmitter spurious and receiver spurious if there is a receiver. This is all located at the bottom of the 2nd page. All transmitters need this for Industry Canada no exceptions. Please revise IC application to include this data.

Response: The form has been corrected with the information needed. The emission designator has been added to page 6 of the test report. Note that this device (wireless charger) does not really “transmit” but was deemed subject to Part 15 Subpart C regulations by FCC inquiry (provided). Based on this we treated the device similarly for Industry Canada. See the operation description for more information on the device operation.

There were no spurious emissions to measure from the transmitter.

There is no receiver.

2. The form 731 states frequency range of 112-205 kHz and the operational description states 110-205 kHz. Please confirm which is correct.

Response: The form is corrected to indicate 112-205 kHz. The device when operating in “presence check” operates as low as 112kHz. This is the mode that the FCC deems subject to Part 15 Subpart C requirements. When there is a secondary device detected on the charging pad, the device switches to charging mode and operates from 110kHz to 205kHz based on the load present. This is the device operation subject to FCC Part 18 (and IC equivalent) regulations as an ISM device.

3. The IC application has field strength of 38.55 dBuV @ 10 meters. In the test report I cannot find any data to support this. There are no readings of 38.55 dBuV and no 10 meter testing. Please explain.

Response: Measurement could not be taken at the specified test distance and so were done at the furthest possible distance from the EUT where accurate measurement could be made (14 meters). Since the form does not allow for selecting 14 meters, the measurement was extrapolated to 10 meters for the purpose of the ACB form using the FCC allowed 40db/decade extrapolation for measurements below 30MHz. The value recorded on the form was in error (transducers were inadvertently not taken into account) and has been corrected to 52.52dBuV/m @ 10m.