

Declaration of Waiver Conditions

To whom it may concern

Here we confirm that our product under FCC ID: **RFD-BLK2FLY** is fully compliant with the special conditions (Section 10) of the FCC Waiver **DA 20-795** released on July 28, 2020.

Following conditions are applicable and met:

- 1) The Leica Ictos¹ device is certified for compliance with all the technical specifications applicable to operation under 47 CFR part 15, with the exception of the following provisions in: 1) 47 CFR § 15.255(a)(2), which is waived to allow the device to operate under the provisions of 47 CFR § 15.255 as a mobile field disturbance sensor;
- 2) 47 CFR § 15.255(b)(2), which is waived to allow the device to operate on-board a UA while not being part of a closed, exclusive on-board communication networks within the aircraft; and 3) 47 CFR § 15.255(c)(3), which is waived to allow the device to operate in the 60-64 GHz band at a maximum +19 dBm peak EIRP.
- 3) The Leica Ictos¹ device is installed to transmit on a horizontal plane with respect to the UA on which it is mounted to limit emissions above the horizon. Operation is limited to line-of-sight only.
- 4) The Leica Ictos¹ device comply with the following technical characteristics:
 - a) intentional emissions will be contained to the 60-64 GHz band;
 - b) out-of-band emissions will not exceed -51.3 dBm EIRP/MHz;
 - c) transmit duty cycle will not exceed 50% over any 40 milliseconds interval; and
 - d) transmission will occur only when the device is in motion.
- 5) Leica Ictos¹ devices is allowed to operate below a maximum altitude of 400 feet above ground level, unless the small unmanned aircraft:
 - (1) is flown within a 400-foot radius of a structure;and
 - (2) does not fly higher than 400 feet above the structure's immediate uppermost limit.
- 6) U.S. sales will not exceed 400 Leica Ictos¹ devices in the first year and up to 800 per year for subsequent years. The Leica Ictos¹ device is not be marketed for retail consumer markets.
- 7) This waiver and its conditions apply only to the Leica Ictos¹ device installed on a UA as described herein and are not to be considered to apply generally to other field disturbance sensors or radars. A copy of this Order will be provided with the application for certification of the Leica Ictos¹ device.

¹ At the time of the application (2020) of the waiver Leica chose the Name Ictos for the device, which has now been changed to BLK2FLY. No further changes were made.

This declaration is issued based on our current status of design and manufacturing.

Leica Geosystems AG, 2022-03-04



Paul Hämmerle
Quality Manager Innovation
Leica Geosystems AG



Pascal Strupler
Business Director Autonomous RC
Hexagon Geosystems Services AG