

CHECKLIST FOR UWB15F

Date: 2024-4-30

FCC ID: 2BB58-AXGLOE5

Dear Sir/Madam,

CHECKLIST FOR UWB15F

1. Show that the device mode operation is permissible under the specific Part 15 subpart
RE: The device is a Hand held UWB systems, please see the functions and operation of the remote control described in the document “User Manual”. The device mode operation is permissible under the specific Part 15 subpart, all test items and result please refer to the test report “LCSA11153051EB”. The test items had been performed following ANSI C63.10:2013. Test results for FCC rules: 15.519, 15.209, 15.203, 15.521 are performed with a pass result.

2. Specify if § 15.250 (15C) is used as alternative to §15.517 or §15.519 (15F)
RE: The UWB Bandwidth comply with 15.519 (b), 15.503(a) and 15.521(e), please refer to the test report LCSA11153051EB page 23-24 for the UWB bandwidth.

3. Show that KDB 393764 Q6 is being followed

RE:

- a) All general application information please see the application form and user manual;
- b) The UWB application category: Hand held UWB systems, please see the user manual for operation and installation description;
- c) -10dB bandwidth test please see the report LCSA11153051EB page 23~24;
- d) Radiated emissions test please see report LCSA11153051EB page 14~22 and page 29-34;
- e) All digital circuitry emissions please see report LCSA11153051EB page 14~22 and page 29-34;
- f) Frequency vs. amplitude plots depicting the measured fundamental emission, the outof-band emission domain, and the emissions into the GPS frequency bands test please see report LCSA11153051EB page 29~31& page 32~34;
- g) The restriction statement has been attached on the Grant and user manual (See Page25);
- h) Test setup has been uploaded, please check the “Test Setup Photos”.

4. Account for all technical requirements specific to each UWB mode of operation

RE:

The device is a Hand held UWB systems, the Modulation Type is BPSK, please see the functions and operation of the device described in the document “User Manual”. All technical requirements specific to each UWB mode of operation has accounted, please refer to the test report LCSA11153051EB.

5. Verify that §15.519 devices do not utilize fixed infrastructure

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RE:

The device is a Hand held UWB systems, and the device do not utilize fixed infrastructure, please refer to the user manual.

6. Verify that grant restrictions and notices are in accordance with specific rule part

RE:

§15.519(a) statement: UWB devices may not be employed for the operation of toys. Operation onboard an aircraft, a ship or a satellite is prohibited per 15.521(a); and §15.521(a) statement: Antennas mounted on outdoor structures such, as antennas mounted on the outside of a building or on a telephone pole, or any fixed outdoors infrastructure are prohibited for use with this device per 15.519(a). And these statements are included on Grant and user manual Page 25.

7. Verify requirements and restrictions for UWB modular approvals

RE: This is not UWB modular approvals.

8. TCB to include §15.521(a) statement on Grant Restrictions and verify the required device/user manual for all UWB modes of operation

RE:

§15.521(a) statement is included on Grant and user manual (See Page25). “UWB devices may not be employed for the operation of toys. Operation onboard an aircraft, a ship or a satellite is prohibited per 15.521(a). Antennas mounted on outdoor structures such, as antennas mounted on the outside of a building or on a telephone pole, or any fixed outdoors infrastructure are prohibited for use with this device per 15.519(a).”