

# Brilliant Technology Inc.

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## FCC Modular Approval Request

Federal Communications Commission  
Equipment Authorization Branch  
7435 Oakland Mills Road  
Columbia, MD 21046

**Company name: Brilliant Technology Inc.**  
**FCC ID: 2AAYDWLU6300B**  
**FCC Part \_15\_Certification**

The table below contains the justification for modular approval of this equipment:

Requirement per KDB 996369	Explanation from grantee
1, The radio elements must have the radio frequency circuitry shielded. Physical components and tuning capacitor(s) may be located external to the shield, but must be on the module assembly.	Yes,It is fulfilled. The modular transmitter has own shielding. Shielding is show on external photos.
2, The module must have buffered modulation/data inputs to ensure that the device will comply with Part 15 requirements with any type of input signal.	Yes,It is fulfilled. The modular have buffered modulation/data inputs.( 802.11b: 11, 5.5, 2, 1 Mbps; 802.11g: 54, 48, 36, 24, 18, 12, 9, 6 Mbps; 802.11n: 72.2Mbps(HT20),140Mbps(HT40); GFSK for (1Mbps), $\pi/4$ -DQPSK for (2Mbps),8DPSK for (3Mbps) modulation.
3, The module must contain power supply regulation on the module.	Yes,It is fulfilled. The modular transmitter have its own power supply regulation.(DC 3.3V by USB port.)
4, The module must contain a permanently attached antenna, or contain a unique antenna connector, and be marketed and operated only with specific antenna(s), per Sections 15.203, 15.204(b), 15.204(c), 15.212(a), 2.929(b).	Yes,It is fulfilled. The modular comply with antenna requirements.(Fix PCB antenna , chip antenna and external antenna.)
5, The module must demonstrate compliance in a stand-alone configuration;	Yes,It is fulfilled. The modular was tested in a stand-alone configuration. Please see setup photos and test jig photo.
6, The module must be labelled with its permanently affixed FCC ID label, or use an electronic display (See KDB Publication 784748 about labelling requirements).	Yes,It is fulfilled. The label is shown on transmitter modular, please see the label view.
7, The module must comply with all specific rules applicable to the transmitter including all the conditions provided in the integration instructions by the grantee.	Yes,It is fulfilled. The operation description and user guides provide this detail.

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8, The module must comply with RF exposure requirements.	Yes, It is fulfilled. Please see the MPE report. The modular meets MPE calculation of 47 CFR1.107(b)(1).
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Signature

Name Benny Lee

Title VP of business Development

Company Brilliant Technology Inc.