



FCC ID: YLZ-BTM869
IC: 9088A-BTM869

Statement of compliance to Maximum Permissible Exposure (MPE)

Applicant : China Hualu Group Co., Ltd.
No.1 Hua Road, Qixianling Hi-Tech Zone, Dalian,
China

Manufacturer : Dalian Golden Hualu Digital Technology Co., Ltd.
No.1 Hua Road, Qixianling Hi-Tech Zone, Dalian,
China

Product Name : Blu-ray disc player and receiver

Type/Model : SOLO MOVIE, SOLO MOVIE 2.1, SOLO MUSIC

TEST RESULT : PASS

According to §2.1091, §2.1093 and §1.1307(b), systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines.

Date of issue: January 20, 2016

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Approved by:

Daniel Zhao (Reviewer)



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Power density (S) is calculated according to the formula:

$$S = PG / (4\pi R^2)$$

Where S = power density in mW/cm²

P = transmit power in mW

G = numeric gain of transmit antenna (numeric gain = Log-10(dB antenna gain/10))

R = distance (cm)

For Bluetooth, as we can see from the test report 150900353SHA-002 and 150900353SHA-003:

Frequency band	Max power		Antenna Gain		R	S
(MHz)	dBm	mW	dBi	(Numeric)	(cm)	(mW/cm ²)
2400 -2483.5	7.01	5.02	2.5	1.78	20	0.0018

For WiFi, as we can see from FCC ID: YLZ-BLR7601HL:

Frequency band	Max power		Antenna Gain		R	S
(MHz)	dBm	mW	dBi	(Numeric)	(cm)	(mW/cm ²)
2400 -2483.5	24.20	263.03	2.5	1.78	20	0.0931

For the device can support simultaneous transmission, according to 447498 D01 General RF Exposure Guidance v06,

The sum of the MPE ratios = 0.0018/1.0 + 0.0931/1.0 = 0.0949

This level is below the simultaneous transmission MPE test exclusion requirements (≤ 1.0).



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Appendix I

Definition below must be outlined in the User Manual:

To satisfy FCC RF exposure requirements, a separation distance of 20 cm or more should be maintained between the antenna of this device and persons during device operation. To ensure compliance, operations at closer than this distance is not recommended.