



Date: 2019-02-15

Cover Letter for re-use of Test Data

To Whom It May Concern:

The initial application has been granted according to 47CFR Part 15 for FCC ID: **PZWBHT1700BQL**; Granted on 01/02/2019.

The new equipment to be Granted in this new application, according to FCC ID: **PZWBHT1800QG**, only differs from the initial version (FCC ID: **PZWBHT1700BQL**) with the only 3 following points:

1. Different antenna

Please refer to the Internal Photos exhibits

2. Enclosure are different

Please refer to the External Photos exhibits

3. Additional WWAN chip

Please refer to the Internal Photos and Block Diagram exhibits

The 3 changes described above do not affect the conducted test item (2.4G WLAN/BT) of the equipment. Consequently, the WLAN/BT conducted test data retrieved from the initial application FCC ID: **PZWBHT1700BQL** can be re-used for the FCC ID: **PZWBHT1800QG** equipment.

However, Based on our knowledge and our engineering judgment of the device design, the changes made, the format and amount of spot-check test data are decided as below,

1. Sample amount: 1

2. Spot-check rule part, frequency band and test items

3. Spot-check measurement result refer to the test report of FCC ID: **PZWBHT1800QG** equipment.



The associated 47 CFR Part 15 tests reports (initial & new versions) are described in the following table:

FCC ID: PZWBHT1700BQL (initial)	FCC ID: PZWBHT1800QG (new)	Spot check Test Item (Worst channel)
47CFR Part 15C BT	47CFR Part 15C BT All Conducted test data re-use	<ol style="list-style-type: none"> 1. Number of Hopping Frequency Used 2. Dwell Time on Each Channel 3. a. Hopping Channel Separation b. Spectrum Bandwidth of a Frequency Hopping Sequence Spread Spectrum System 4. Maximum Peak Output Power 5. Antenna Port Emission
47CFR Part 15C BT LE	47CFR Part 15C BT LE All Conducted test data re-use	<ol style="list-style-type: none"> 1. Antenna Port Emission 2. 6dB bandwidth 3. Conducted power 4. Power Spectral Density
47CFR Part 15C WLAN 802.11 B WLAN 802.11 G WLAN 802.11 N(HT20) WLAN 802.11 N(HT40)	47CFR Part 15C WLAN 802.11 B WLAN 802.11 G All Conducted test data re-use	WLAN 802.11 B & WLAN 802.11 G <ol style="list-style-type: none"> 1. Antenna Port Emission 2. 6dB bandwidth 3. Conducted power 4. Power Spectral Density
47CFR Part 15E WLAN 802.11 A WLAN 802.11 AN (HT20) WLAN 802.11 AN(HT40)	47CFR Part 15E All items re-test	NA

We, DENSO WAVE INCORPORATED is taking full responsibility to re-use these test data for its new application FCC ID: **PZWBHT1800QG**.

If you have any questions, feel free to contact us. Thank you.

Sincerely yours,

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