

Reply to Comments for FCC ID: PZWBHT8000

1. Please note that this is a portable device. However, the manual contains the 20cm separation statement for mobile devices. Since the device is less than 5mW, your rf caution statement should only state that, "This device meets the FCC RF exposure Guidelines in OET65."

→ Please find **"Revised Regulatory information on User's manual (BHT-8000)"**

2. Please note that a handheld device cannot be considered a professionally installed device. While the antenna may be installed in the device by the manufacturer, this does not mean 'professionally installed' as intended in 15.203. A professionally installed antenna would be an external antenna installed on site by a professional installer. This device appears to have an integral antenna not accessible to the end user. It appears that possibly the small white block in the upper right hand side of the "Solder Side" photo on page 2 of the file "Internal Photo _BHT Assy.pdf" may be the antenna. Please clarify and correct your report appropriately.

→ Please confirm page 4 and 5 of revised test report.

3. Please provide photos of the antenna and antenna port connector and how the antenna is situated (positioned) in the device.

→ Please find **"Antenna Location. Doc"**.

4. Please provide information on how the "sub board" and "main board" fit together in the device.

→ Please find **"Internal Description of BHT"**.

5. Your report lists several models and provides some information on these models but does not explain if there are any electrical or mechanical differences between them. Please explain any electrical or mechanical differences between the differing models.

→ Please find **"Deference Between Models"**.

6. Please note that while the radiated emissions table in your report shows compliance to the restricted band emissions, the antenna conducted emissions data table is not correct. Antenna terminal conducted emissions in accordance to 15.247(c) only needs to show that emissions are 20dB below the fundamental by using either conducted or radiated data. The tables show a column listing <74dB as a limit. (74dB is only relevant to the allowed peak compared to the average limit of 54dBuV in 15.209 for radiated spurious emissions in the restricted bands. It has no relevance otherwise). The tables on page 26 of the report therefore are not correct. Please show antenna terminal conducted emissions in relation to the <20dB as specified in 15.247(c). Also, please explain what the columns "Difference of dB level" and "Field strength" in these two tables are.

→ Please confirm page 26 of revised test report.

Meaning of columns:

"Difference of level": Confirming more than 20dB clearance from peak of carrier at 2400MHz.

"Field Strength": Convert a power measured with conducted into value of electromagnetic strength at distance of 3m (Confirming whether the peak value satisfies limit of restricted band or not)