

FCC ID: LW9-GA61-V-1

1 The equipment code (class) on the 731 form (DSR) is for a Part 15 Security Control device. The proper equipment code for this type of licensed device under Part 90 should be TNB. Please correct and upload a revised 731 form to show this change.

R. A corrected Form 731 has been uploaded.

2 The supplied Form731 does not contain information for frequency tolerance. While this may sometimes be left off grants for this type device, this tolerance was measured and reported on page 21 of the test report and can/should be entered on the 731 form if desired. If the frequency tolerance is to be listed, please enter this in a revised 731 form to be uploaded.

R. A corrected Form 731 has been uploaded.

3 No operation manual was provided. Please upload the manual with the appropriate FCC statements.

R. An operators manual has been uploaded.

4 Please upload the tune up procedure and parts list.

R. The unit comes factory set. No tune up procedures exist. Parts lists have been uploaded.

5 Radiated Spurious emissions limit is to be 30dB below the unmodulated carrier (-30dBc). While the measured values seem to comply with the -30dBc limit, the limit value specified in the report does not appear to be -30dBc. The unmodulated carrier power on the plots on pages 10 and 11 show a carrier level of 13dBm. -30dBc would be a limit of -17dBm. The limits to which the device is compared for radiated emissions on page listed as -13dB. Please explain why the limit is listed at -13 dBm and not -17dBm. Please correct this limit error and upload a revised report.

R. The limit was originally incorrectly calculated based on an emissions mask from §90.210. The 30 dBc limit has been drawn on the plots and the emissions data table has been corrected showing the 30 dBc limit.

6 Form 731 states the rated power is .0077watts, however the measured power is .02 watts at the antenna terminal. The rated power on the 731 and the measured power need to agree. Please explain, correct and upload a revised 731 form.

R. Incorrect entry was made on the Form 731. A corrected Form 731 has been uploaded.

7 The theory of operation calls the device the model "CS458", however, this designation is for a transmit module contained within the device. The model number in the report states the device is the model "GS 610 VER-1 Vermeer". The theory of operation does not agree with the schematic and its designations. Please correct the theory of operation, provide proper schematics and upload the revised documents.

R. A new theory of Operation and schematics has been uploaded.

8 Please provide antenna information.

R. Antenna data sheets have been uploaded.

9 Please provide your sample calculations used to determine the Peak Frequency Deviation used in the formula on page 8 of the report.

R. The report has been corrected to show the calculations used for the Peak Frequency Deviation.