

FCC ID: OXTLSE039

Justification: **Processing Gain and Power Spectral Density** of OXTLSE039 are identical to internal certified transceiver module FCC ID: CGK8001001, and meet the same 15.247 requirements.

Proof of physical identity:

- 1) parts list shows U6 radio module is the certified Bluetooth transceiver module. The certified radio module is also identified in the “Application notes” cover letter.
- 2) direct connection between RF output of certified transceiver module and antenna of FCC ID: OXTLSE is shown in schematic sheet #1; there is no intervening active circuitry.

Proof of functional identity:

Peak output power of FCC ID: OXTLSE039 is identical to that of internal module FCC ID: CGK8001001, which is certified to 15.247. A comparison of peak output power measurements is given in the table below:

peak output power	2402 MHz	2480 MHz
FCC ID: CGK8001001	1.11 mW	1.10 mW
FCC ID: OXTLSE039	1.20 mW	1.00 mW

The measurements for FCC ID: CGK8001001 were taken from the report “Additional measurements” in the FCC certification database. The results are within the range of measurement uncertainty and manufacturing variations.

Therefore, the files from FCC ID: CGK8001001 demonstrating compliance with the 15.247 requirements for Processing Gain and Power Spectral Density have been included in the file for FCC ID: OXTLSE039, under the titles “Processing gain” and “Power spectral density” respectively.