

The test proposal with the composite dipole antennas is acceptable with the following modular approval restriction.

1) The module is approved as long as the same dipole antennas, or dipole antennas with identical properties are used, AND the relative antenna spacings are maintained exactly as proposed.

The device uses a simple array antenna design with no new technology issues. The array consists of two low gain antennas with a total antenna gain of less than 6 dBi. The test proposal for determining the total output power and total antenna gain agrees with methods we have allowed for phased array systems. Do not use a combiner when summing the output power of both antenna ports. Due to approval as a mobile device, no SAR issues should be involved.

The confidential operational description and the test plan document must be submitted in the TCB filing. Also, submit a copy of this letter and the same test plan (but with confidential material removed) into the filing. Additional test guidance prior to TCB approval will be required for any changes to the device (antenna, RF circuitry etc...).

A TCB can authorize this device with the dipole antennas as long as the filing is for mobile exposure conditions. However, Please inform the TCB to contact us prior to submission, in order for us to provide the TCB guidance on reviewing the submission.