

# InnoComm Mobile Technology Corp.

3F, No. 6, Hsin Ann Rd., Hsinchu Science Park, Hsinchu 30078, Taiwan

## Statement of Antenna design

We, InnoComm Mobile Technology Corporation declare that we shall provide product Installation Manual for production to make sure the output power will compliance with certified output power, make sure the installer will follow Installation Manual in order to compliance with FCC relative rule.

The SN10-12 module use trace antenna in fixture board and compliance 47 CFR FCC Part 15 Subpart C (Section 15.247).

FCC ID: YAISN10-12

To compliance FCC KDB 996369 D02 Module Q and A v01 Question 11. This module can only be used with a host antenna circuit trace layout design in strict compliance.

For proper integration our modules in end products, we provided detailed and comprehensive documents as below:

a) Layout of trace design, parts, antenna, connectors, and isolation requirements.  
Please refer to "SN10-1x Antenna Design manual.pdf" exhibits.

b) Boundary limits of size, thickness, length, width, shape(s), dielectric constant, and impedance must be clearly described for each type of antenna.  
Please refer to "SN10-1x Antenna Design manual.pdf" exhibits.

c) Different antenna length and shapes affect radiated emissions, and each design shall be considered a different type; e.g., antenna length in multiple(s) of frequency wavelength and antenna shape (traces in phase) can affect antenna gain and must be considered.

Reply: There is only one design for this device.

d) The above data is to be provided by a Gerber file (or equivalent) for PC layout.

Reply: Please refer to "SN10-1x Antenna Design manual.pdf" exhibits, such information will provide to OEM manufacturers.

e) Appropriate parts by manufacturer and specifications.

Reply: Please refer to "SN10-1x Antenna Design manual.pdf" exhibit.

f) Test procedures for design verification.

Reply: Verify that there are no additional unintentional emissions other than what is permitted in 15B or emissions complaint with the transmitter(s) rule(s), also the Antenna characteristic will verify at OTA test room.

g) Production test procedures for ensuring compliance.

Reply: InnoComm Mobile Technology Corporation will provide detail guidance for the host manufacturer to test and record as a verification procedure for each specific host.

Note:

Only trace designs approved with an original grant or through permissive change can be used by an OEM. PCB

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circuit designs have an increased potential for design mishandling, and are susceptible to cross-talk and increased unintentional radiation. The applicant must provide compliance test data for all antenna circuit trace designs being marketed or used. Different antenna length and trace layouts can affect radiated emissions, and each design shall be considered a different type.

If you should have any question(s) regarding this declaration, please don't hesitate to contact us.  
Thank you!

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