

## AP9-NFC Compliance Guide

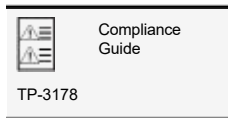
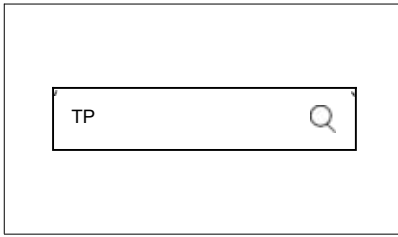


1



<https://support.prometheanworld.com>

2



# Compliance

## United States of America

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Do not make any changes or modifications to the equipment.

FCC part 15.105

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

### *FCC part 15.19*

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This device complies with FCC part 15C

The antenna type of this module is PCB antenna.

Any final host product with the modular transmitter installed should be under test according to guidance given in KDB 996369 D04. To enter test mode for module, Secure CRT command is necessary. When something wrong happens in configuring test modes for host product with module, host product manufacturer should coordinate with module manufacturer for technical support. It is recommended that some investigative measurements should be taken to confirm that host product with module installed does not exceed the spurious emissions limits or band edge limits.

The modular transmitter is only FCC authorized for the specific rule parts (FCC Part 15C) list on the grant, and that the host product manufacturer is responsible for compliance to any other FCC rules that apply to the host not covered by the modular transmitter grant of certification. The final host product still requires Part 15 Subpart B compliance testing with the modular transmitter installed when contains digital circuitry.

This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter. The host product manufacturer should state this information to the host instruction manual.

This modular complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Model Name:AP9-NFC

NFC Frequency Band 13.56MHz Maximum Magnetic Field: -7.19 dB $\mu$ A/m@10 m Distance

Description for NFC – “Near Field Communication Device “

Manufacturer - Promethean Ltd  
Promethean House  
Whitebirk Industrial Estate,  
Lower Philips Rd,  
Blackburn BB1 5TH

FCC part 15.21

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

The end product must carry a label stating "Contains FCC ID: QAM-NFC".

The devices must be installed and used in strict accordance with the manufacturer's instructions as described in the user documentation that comes with the product.

The module must be installed in a ActivPanel.

In the event that these conditions cannot be met (for example certain laptop configurations or co-location with another transmitter), then the FCC authorization is no longer considered valid and the FCC ID cannot be used on the final product. In these circumstances, the OEM integrator will be responsible for re-evaluating the end product (including the transmitter) and obtaining a separate FCC authorization.

Frequency Band	Maximum Magnetic Field
13.56MHz	-7.19dBµA/m@10m Distance

#### Canada

**This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:**

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

The end product must carry a label stating "Contains IC: 5459A-NFC".

IC: 5459A-NFC

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

1. L'appareil ne doit pas produire de brouillage;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Toute modification ou amélioration qui n'a pas été explicitement approuvée par la partie responsable de la conformité peut annuler le droit de l'utilisateur à faire fonctionner l'appareil.

IC: 5459A-NFC

Le produit final doit comporter une étiquette mentionnant « Contient IC: 5459A-NFC ».

Frequency Band	Maximum Magnetic Field
13.56MHz	-7.19dBµA/m@10m Distance

Europe



We Promethean Limited declare under our Sole responsibility that the ActivPanel; Model No: Contains AP9-NFC; conforms to the essential requirements of European Union Directive 2014/53/EU Radio Equipment Directive (RED) and 2011/65/EU Restriction of Hazardous Substances in Electrical and Electronic Equipment. The full text of the EU declaration of conformity is available at the following internet address: <https://support.prometheanworld.com>

**WARNING**

AP9-NFC is Class B Product. In a domestic environment, they may cause radio interference in which case the user may be required to take adequate measures.

Frequency Band	Maximum Magnetic Field
13.56MHz	-7.19dB $\mu$ A/m@10m Distance

United Kingdom



We Promethean Limited, declare under our sole responsibility that this product conforms to the essential requirements of UK

Legislation: RED Radio Equipment Regulation 2017 – UK SI 2017 No. 1206, LVD The Electrical Equipment (Safety) Regulations 2016 – UK SI 2016 No. 1101, RoHS Restriction of the use of certain Hazardous Substances in Electrical and Electronic Regulations 2012 – UK SI 2012 No. 3032.

The full United Kingdom Declaration of Conformity can be found by searching for the model name at [support.prometheanworld.com](https://support.prometheanworld.com).

**WARNING**

AP9-NFC is Class B Product. In a domestic environment, they may cause radio interference in which case the user may be required to take adequate measures.

Frequency Band	Maximum Magnetic Field
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**Waste Electrical and Electronic Equipment (WEEE)**

For more information concerning the correct disposal of these products, please contact your Promethean reseller.

