

FCC and IC Label and Location

Document Revision A - Last Updated 1/2022
FCC and IC Label and Label Location on the KST7030 Affinity LoRa
Concentrator

KST7030 FCC and IC Marking location: Top RF Shield, laser etched.



KST7030 FCC and IC Compliance Declaration:

User Manual Page 2:

The screenshot shows a PDF document with a pinout table on the left, a central image of a LoRa concentrator card, and an FCC/IC compliance label below. The pinout table lists pins 29 through 51 with their functions. The card image shows the KST logo and LoRa branding. The compliance label includes the KST logo, company name, model, part number, serial number, FCC ID, IC number, frequency, and interface type. A QR code is also present on the label.

GND	29
PPS (GPS Pulse output)	31
NC	33
GND	35
GND	37
3.3V	39
3.3V	41
GND	43
NC	45
NC	47
NC	49
NC	51

30	I2C SCL (TEMP)
32	I2C SDA (TEMP)
34	GND
36	NC
38	NC
40	GND
42	NC
44	SX1261 NSS
46	DIO1
48	NRST (SX1261)
50	GND
52	3.3V

RF Shield Markings

KST KS Technologies, LLC

Model: Affinity LoRa® Concentrator Card
PN: KST7030 **FCC ID:** 2AA3A-KST7030
SN: 000100 **IC:** 11487A-KST7030
Frequency: US915
Interface: Custom

FCC IC
 Designed and Engineered in
 Colorado Springs, Colorado USA

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User Manual Page 3:



KS Technologies, LLC

LoRa Alliance Member

Affinity Concentrator

for LoRaWAN Gateways | KST7030

FCC Authorization

This device complies with FCC Part 15 and Industry Canada license exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil est conforme à FCC Partie15 d'Industrie Canada RSS standard exempts de licence (s). Son utilisation est soumise à Les deux conditions suivantes: (1) cet appareil ne peut pas provoquer d'interférences et (2) cet appareil doit accepter Toute interférence, y compris les interférences qui peuvent causer un mauvais fonctionnement du dispositif.

IC Authorization

This device complies with Health Canada's Safety Code. The installer of this device should ensure that RF radiation is not emitted in excess of the Health Canada's requirement. Information can be obtained at http://www.hc-sc.gc.ca/ewh-sem/pubs/radiation/radio_guide-lignes_direct-eng.php

Cet appareil est conforme avec Santé Canada Code de sécurité 6. Le programme d'installation de cet appareil doit s'assurer que les rayonnements RF n'est pas émis au-delà de l'exigence de Santé Canada. Les informations peuvent être obtenues: http://www.hc-sc.gc.ca/ewhsemt/pubs/radiation/radio_guide-lignes_direct-eng.php

The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. Users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.

