

CS550 Regulatory Information



1.1 Certification Information

The ClearSky Smart Fleet™ CS550 connectivity module antenna is internal to the assembly. The CS550 connectivity module complies with the wireless certification regulations in the regions of sale. Machines equipped with ClearSky Smart Fleet telematics must be received by countries that are certified to have ClearSky Smart Fleet. For a full listing of ClearSky Smart Fleet certified countries, please visit <https://www.jlg.com/en/parts-services/certification>.



Contains FCC ID:
XPYB18C20041
XPYB18C0345
XPYB18C0345

1.2 Federal Communications Commission (FCC)

FCC Interference Statement

ClearSky® CS550 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.

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.

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

Notice Regarding Radio Frequency Radiation Exposure

ClearSky CS550 complies with the FCC radio frequency exposure limits prescribed for mobile use (i. e., antennas are greater than 20 cm from a person's body) in an uncontrolled environment. Consequently, a person within 20 cm (8 inches) of a CS550 that is connected to machine battery power could expose that person to RF energy in excess of what has been established by the FCC RF exposure guidelines.

Contains ICES ID:
6555A - U23220V001
6555A - 6M03453
6555A - 6M03453

1.3 Innovation, Science and Economic Development (ISED)

Radio Frequency Interference Requirements

The ClearSky CS550 Class B digital apparatus complies with Canadian ICES-003. [Canada Compliance Label: CAN ICES-3 (B)/NMB-3(B)]

This device complies with Industry Canada license-exempt RSS standard(s). 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.

Notice Regarding Radio Frequency Radiation Exposure

ClearSky CS550 complies with the ISED radio frequency exposure limits prescribed for mobile use (i. e., antennas are greater than 20 cm from a person's body) in an uncontrolled environment. Consequently, a person within 20 cm (8 inches) of a CS550 that is connected to machine battery power could expose that person to RF energy in excess of what has been established by the ISED RF exposure guidelines.



1.4 European Union Conformity

JLG Industries, Inc. declares that the radio equipment ClearSky Smart Fleet CS550 Connectivity Module complies with Directive 2014/53/EU. Full details can be found on the declaration of conformity. The CS550 is intended to be mounted on the JLG construction machines and has integrated beacon functionality. Additionally, it provides telematics data via WiFi or Cell, and provides local diagnostic data exchange with a mobile device connected via WiFi and BLE. Mobile device software is obtained through Google Play Store or Apple App Store.

Frequencies of Operation [and maximum power output]:

- LTE Cat M1: 700/750/800/850/900/1700/1800/1900/2100 MHz [23 dBm±2 dB]
- 2G GPRS: 900MHz [Class 4, 33 dBm ±3 dB], 1800MHz [Class 1, 30 dBm ±3 dB]
- 2G EGPRS: 900MHz [Class E2, 27 dBm ±3 dB], 1800MHz [Class E2, 26 dBm ±3 dB]
- WiFi (IEEE 802.11b/g/n): 2400-2483.5 MHz [18 dBm e.i.r.p]
- Bluetooth (BLE, Mesh 1.0 and proprietary GATT): 2400-2483.5 MHz [12.1 dBm e.i.r.p]
- GNSS (receive only): GPS, GLONASS, BeiDou, Galileo): 1575.42MHz, 1561.098MHz, 1602MHz

All antennas are enclosed within the CS550 module.

Ensure at least 20cm separation distance is maintained between user's body and CS550 module to meet Maximum Permissible Exposure (MPE) restrictions for RF exposure.

Contact: JLG EMEA B.V., Polaris Avenue 63, 2132 JH Hoofddorp, Netherlands



1.5 United Kingdom Conformity Assessed (UKCA)

JLG Industries, Inc. declares that the radio equipment ClearSky Smart Fleet CS550 Connectivity Module complies with The Radio Equipment Regulations 2017. Full details can be found on the declaration of conformity.



RC-ULP-
CS550

1.6 Korea Communications Commission (KCC)

장치 이름: 컨트롤, ClearSky CS550 (Control, ClearSky CS550)

인증 받은 자의 상호: JLG Industries, Inc.

제조국가: 미국

제조 날짜: 장치 일련번호의 다섯 번째와 여섯 번째 숫자는 제조 연도(23=2023)를 나타내고, 일곱 번째, 여덟 번째, 아홉 번째 숫자는 000부터 365까지 순서대로 해당 연도의 날짜를 나타냅니다.



1-1
NOM

1.7 Mexico (IFT OSJLCS24-18114)

La operación de este equipo esta sujeta a las siguientes dos condiciones:

1. es posible que este equipo o dispositivo no cause interferencia perjudicial y
2. este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.

1.8 Standard Institute of Israel

JLG Industries, Inc. שם היצרן:

הדגם המבוקש: Control, ClearSky CS550

מותג: JLG

ארץ ייצור: ארצות הברית

1.9 Thailand National Broadcast and Telecomm Commission (NBTC)

เครื่องโทรคมนาคมและอุปกรณ์นี้ มีความสอดคล้องตามมาตรฐานหรือข้อกำหนดทางเทคนิคของกสทช.

เครื่องวิทยุคมนาคมนี้ มีระดับการแผ่คลื่นแม่เหล็กไฟฟ้าที่สอดคล้องตามมาตรฐานความปลอดภัยต่อสุขภาพของมนุษย์จากการใช้เครื่องวิทยุคมนาคมที่คณะกรรมการกิจการโทรคมนาคมแห่งชาติประกาศกำหนด

อุปกรณ์ไร้สาย Control, ClearSky CS550 ที่ติดตั้งบนอุปกรณ์ JLG ของคุณได้รับการรับรองเป็น NBTC ID B69016-24 โดยมีคณะกรรมการโทรคมนาคมแห่งชาติเป็นอุปกรณ์คลาส B การเชื่อมจากจาก กสทช. สำหรับอุปกรณ์นี้ถือเป็นความรับผิดชอบของผู้จำหน่ายผลิตภัณฑ์

1.10 Additional Certifications



R 209-100490
R 204-810001
R 003-210249
T 0210191003



TCRA Approved
TECELMC/005/2024



1.11 Certified Country List

- American Samoa
- Armenia
- Australia
- Austria
- Bahamas
- Bahrain
- Belgium
- Botswana
- Bulgaria
- Canada
- Chile
- Colombia
- Croatia
- Cyprus
- Czech Republic
- Denmark
- Dominican Republic
- Estonia
- Finland
- France
- Germany
- Greece
- Guam
- Hong Kong
- Hungary
- Iceland
- India
- Iraq
- Ireland
- Israel
- Italy
- Japan
- Jordan
- Korea
- Kuwait
- Latvia
- Liechtenstein
- Lithuania
- Luxembourg
- Malta
- Mauritius
- Mexico
- Mozambique
- N. Marianas Is.
- Namibia
- Netherlands
- New Caledonia
- New Zealand
- Norway
- Panama
- Peru
- Philippines
- Poland
- Portugal
- Puerto Rico
- Qatar
- Romania
- Saudi Arabia
- Serbia
- Slovak Republic
- Slovenia
- South Africa
- Spain
- Sweden
- Switzerland
- Tanzania
- Thailand
- Trinidad and Tobago
- Turkey
- United Arab Emirates
- United Kingdom
- United States
- Uruguay
- US Virgin Is.
- Zambia

เครื่องวิทยุคมนาคมนี้ ได้รับยกเว้น ไม่ต้องได้รับใบอนุญาตให้มี ใช้ซึ่งเครื่องวิทยุคมนาคมหรือติดตั้งวิทยุคมนาคมตามประกาศ กสทช. เรื่อง เครื่องวิทยุคมนาคม และสถานีวิทยุคมนาคมที่ได้รับยกเว้นไม่ต้องได้รับใบอนุญาตวิทยุคมนาคม ตามพระราชบัญญัติวิทยุคมนาคม พ.ศ. 2498

nanb. โทรคมนาคม
 กำกับดูแลผู้ประกอบการ
 Call Center 1200 (Inswifi)