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# Federal Communications Commission
## Wireless Telecommunications Bureau

## RADIO STATION AUTHORIZATION

LICENSEE: NATIONAL SCIENCE AND TECHNOLOGY NETWORK INC

ATTN: TED S. HENRY
NATIONAL SCIENCE AND TECHNOLOGY NETWORK INC
2050 S. BUNDY DRIVE, SUITE 285
LOS ANGELES, CA 90025

| Call Sign | File Number |
|---|---|
| WPKR695 | 0005165680 |
| **Radio Service** | |
| IG - Industrial/Business Pool, Conventional | |
| **Regulatory Status** | |
| PMRS | |
| **Frequency Coordination Number** | |

**FCC Registration Number (FRN):** 0006613392

| Grant Date | Effective Date | Expiration Date | Print Date |
|---|---|---|---|
| 04-17-2012 | 04-17-2012 | 06-16-2022 | 04-17-2012 |

## STATION TECHNICAL SPECIFICATIONS

**Fixed Location Address or Mobile Area of Operation**

**Loc. 1** **Address:** SIERRA PEAK
**City:** CORONA **County:** ORANGE **State:** CA
**Lat (NAD83):** 33-51-00.1 N **Long (NAD83):** 117-39-08.2 W **ASR No.:** N/A **Ground Elev:** 921.0

**Loc. 2** **Area of operation**
Operating within a 48.0 km radius around fixed location 1

**Loc. 3** **Area of operation**
Operating within a 48.0 km radius around fixed location 1

**Antennas**

| Loc No. | Ant No. | Frequencies (MHz) | Sta. Cls. | No. Units | No. Pagers | Emission Designator | Output Power (watts) | ERP (watts) | Ant. Ht./Tp meters | Ant. AAT meter | Construct Deadline Date |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 000471.16250000 | FB6 | 1 | | 11K0F1D<br>11K0F2D<br>11K2F3E<br>20K0F1D<br>20K0F2D<br>20K0F3E | 100.000 | 1000.000 | 30.0 | s586.0 | |

**Conditions:**
Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.



**FCC 601-LM**
**August 2007**

**Licensee Name:** NATIONAL SCIENCE AND TECHNOLOGY

**Call Sign:** WPKR695 **File Number:** 0005165680 **Print Date:** 04-17-2012

**Antennas**

| Loc No. | Ant No. | Frequencies (MHz) | Sta. Cls. | No. Units | No. Pagers | Emission Designator | Output Power (watts) | ERP (watts) | Ant. Ht./Tp meters | Ant. AAT meters | Construct Deadline Date |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 1 | 000471.16250000 | MO | 33 | | 11K0F1D<br>11K0F2D<br>11K2F3E<br>20K0F1D<br>20K0F2D<br>20K0F3E | 60.000 | 200.000 | | | |
| 2 | 1 | 000474.16250000 | MO | 33 | | 11K0F1D<br>11K0F2D<br>11K2F3E<br>20K0F1D<br>20K0F2D<br>20K0F3E | 60.000 | 200.000 | | | |
| 3 | 1 | 000471.16250000 | FB6T | 1 | | 11K0F1D<br>11K0F2D<br>11K2F3E<br>20K0F1D<br>20K0F2D<br>20K0F3E | 100.000 | 1000.000 | | | |
| 3 | 1 | 000471.16250000 | FBT | 5 | | 11K0F1D<br>11K0F2D<br>11K2F3E<br>20K0F1D<br>20K0F2D<br>20K0F3E | 60.000 | 200.000 | | | |
| 3 | 1 | 000474.16250000 | FX1T | 5 | | 11K0F1D<br>11K0F2D<br>11K2F3E<br>20K0F1D<br>20K0F2D<br>20K0F3E | 60.000 | 200.000 | | | |

**Control Points**

**Control Pt. No. 1**

**Address:** 2050 S. Bundy Drive, Suite 285

**City:** LOS ANGELES **County:** LOS ANGELES **State:** CA **Telephone Number:** (310)820-1234

**Associated Call Signs**

Reference Copy

**Waivers/Conditions:**

Antenna structures for land, base and fixed stations authorized for operation at temporary unspecified locations may be erected without specific prior approval of the Commission where such antenna structures do not exceed a height of 60.96 meters (200 feet) above ground level; provided that the overall height of such antennas more than 6.10 meters (20 feet) above ground, including their supporting structures (whether natural formation or man-made), do not exceed any of the slope ratios set forth in Section 17.7(b). Any antenna to be erected in excess of the foregoing limitations requires prior Commission approval. Licensees seeking such approval should file application for modification of license. In addition, notification to the Federal Aviation Administration is required whenever the antenna will exceed 60.96 meters (200 feet) above the ground and whenever notification is otherwise required by Section 17.7 of the Commission's Rules. Such notification should be given by filing FAA Form 7460-1, Notice of Proposed Construction or Alteration, in duplicate, with the nearest office of the Federal Aviation Administration, which form is available from that office.

Per Rule 90.305(a) temporary base station shall be located not more than 80 kilometers (50 miles) from the geographic center of the urbanized area listed in Rule 90.303.

Beginning January 1, 2013, this station must operate on channels with a bandwidth of 12.5 kHz or less, or with equivalent efficiency, regardless of the emission bandwidths set forth on this license. See Section 90.209(b)(5) of the Commission's Rules. Note, however, that the narrowbanding requirement does not apply to specific channels designated in Rule 90.20 or 90.35 for paging only.

Reference Copy