

# REFERENCE COPY

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## Federal Communications Commission Public Safety and Homeland Security Bureau

### RADIO STATION AUTHORIZATION

LICENSEE: TENNESSEE DEPT OF SAFETY

ATTN: RADIO SYSTEM ANALYST  
TENNESSEE DEPT OF SAFETY  
225 EZELL PIKE  
NASHVILLE, TN 37217

|                                                                                                  |                    |
|--------------------------------------------------------------------------------------------------|--------------------|
| <b>Call Sign</b><br>WRDI964                                                                      | <b>File Number</b> |
| <b>Radio Service</b><br>YE -<br>PubSafty/SpecEmer/PubSaftyNtlPlan,806-817/851<br>-862MHz,Trunked |                    |
| <b>Regulatory Status</b><br>PMRS                                                                 |                    |
| <b>Frequency Coordination Number</b>                                                             |                    |

FCC Registration Number (FRN): 0004562856

|                                 |                                     |                                      |                   |
|---------------------------------|-------------------------------------|--------------------------------------|-------------------|
| <b>Grant Date</b><br>05-09-2019 | <b>Effective Date</b><br>06-17-2022 | <b>Expiration Date</b><br>05-09-2029 | <b>Print Date</b> |
|---------------------------------|-------------------------------------|--------------------------------------|-------------------|

### STATION TECHNICAL SPECIFICATIONS

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

- Loc. 1** Address: 550 FIRETOWER ROAD  
City: WOODBURY County: CANNON State: TN  
Lat (NAD83): 35-52-06.3 N Long (NAD83): 085-58-32.1 W ASR No.: 1250924 Ground Elev: 631.5
- Loc. 2** Address: 4847 JD BENNETT ROAD  
City: THOMPSON STATION County: WILLIAMSON State: TN  
Lat (NAD83): 35-46-48.9 N Long (NAD83): 086-47-36.6 W ASR No.: 1251449 Ground Elev: 358.7
- Loc. 3** Address: 9746 BRADYVILLE PIKE  
City: READYVILLE County: RUTHERFORD State: TN  
Lat (NAD83): 35-44-45.7 N Long (NAD83): 086-15-16.5 W ASR No.: 1250402 Ground Elev: 334.9
- Loc. 4** Address: 1674 SMITH HOLLOW RD  
City: WATERTOWN County: WILSON State: TN  
Lat (NAD83): 36-04-24.5 N Long (NAD83): 086-09-40.0 W ASR No.: 1250403 Ground Elev: 404.1
- Loc. 5** Address: 5536 LYNNWOOD WAY  
City: FRANKLIN County: WILLIAMSON State: TN  
Lat (NAD83): 35-58-58.4 N Long (NAD83): 086-50-31.6 W ASR No.: 1253106 Ground Elev: 338.3
- Loc. 6** Area of operation  
Operating within a 80.0 km radius around fixed location 1
- Loc. 7** Area of operation  
Operating within a 80.0 km radius around fixed location 2
- Loc. 8** Area of operation  
Operating within a 80.0 km radius around fixed location 3

#### 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.

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

- Loc. 9 Area of operation**  
Operating within a 80.0 km radius around fixed location 4
- Loc. 10 Area of operation**  
Operating within a 80.0 km radius around fixed location 5
- Loc. 11 Area of operation**  
Land Mobile Control Station meeting the 6.1 Meter Rule: CANNON county, TN
- Loc. 12 Area of operation**  
Land Mobile Control Station meeting the 6.1 Meter Rule: WILLIAMSON county, TN
- Loc. 13 Area of operation**  
Land Mobile Control Station meeting the 6.1 Meter Rule: RUTHERFORD county, TN
- Loc. 14 Area of operation**  
Land Mobile Control Station meeting the 6.1 Meter Rule: WILSON county, TN
- Loc. 15 Area of operation**  
Land Mobile Control Station meeting the 6.1 Meter Rule: WILLIAMSON county, TN

**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 |
|---------|---------|-------------------|-----------|-----------|------------|---------------------|----------------------|-------------|--------------------|-----------------|-------------------------|
| 1       | 1       | 000851.53750000   | FB2       | 1         |            | 8K10F1W<br>9K80D7W  | 100.000              | 170.000     | 76.2               | 395.5           | 05-09-2020              |
| 1       | 1       | 000851.25000000   | FB2       | 1         |            | 8K10F1W<br>9K80D7W  | 100.000              | 170.000     | 76.2               | 395.5           | 07-02-2021              |
| 1       | 1       | 000851.80000000   | FB2       | 1         |            | 8K10F1W<br>9K80D7W  | 100.000              | 170.000     | 76.2               | 395.5           | 07-02-2021              |
| 1       | 1       | 000852.30000000   | FB2       | 1         |            | 8K10F1W<br>9K80D7W  | 100.000              | 170.000     | 76.2               | 395.5           | 04-06-2023              |
| 1       | 1       | 000852.61250000   | FB2       | 1         |            | 8K10F1W<br>9K80D7W  | 100.000              | 170.000     | 76.2               | 395.5           | 04-06-2023              |
| 2       | 1       | 000851.48750000   | FB2       | 1         |            | 8K10F1W<br>9K80D7W  | 100.000              | 250.000     | 59.4               | 173.4           | 05-09-2020              |
| 2       | 1       | 000851.98750000   | FB2       | 1         |            | 8K10F1W<br>9K80D7W  | 100.000              | 250.000     | 59.4               | 173.4           | 05-09-2020              |
| 2       | 1       | 000851.22500000   | FB2       | 1         |            | 8K10F1W<br>9K80D7W  | 100.000              | 250.000     | 59.4               | 173.4           | 03-18-2022              |
| 3       | 1       | 000851.90000000   | FB2       | 1         |            | 8K10F1W<br>9K80D7W  | 100.000              | 160.000     | 96.0               | 174.7           | 05-09-2020              |

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|---------|---------|-------------------|-----------|-----------|------------|---------------------|----------------------|-------------|--------------------|-----------------|-------------------------|
| 3       | 1       | 000852.40000000   | FB2       | 1         |            | 8K10F1W<br>9K80D7W  | 100.000              | 160.000     | 96.0               | 174.7           | 05-09-2020              |
| 3       | 1       | 000852.82500000   | FB2       | 1         |            | 8K10F1W<br>9K80D7W  | 100.000              | 160.000     | 96.0               | 174.7           | 03-18-2022              |
| 4       | 1       | 000851.63750000   | FB2       | 1         |            | 8K10F1W<br>9K80D7W  | 100.000              | 210.000     | 59.4               | 219.4           | 05-09-2020              |
| 4       | 1       | 000851.30000000   | FB2       | 1         |            | 8K10F1W<br>9K80D7W  | 100.000              | 210.000     | 59.4               | 219.4           | 01-10-2021              |
| 4       | 1       | 000851.03750000   | FB2       | 1         |            | 8K10F1W<br>9K80D7W  | 100.000              | 210.000     | 59.4               | 219.4           | 07-02-2021              |
| 4       | 1       | 000852.47500000   | FB2       | 1         |            | 8K10F1W<br>9K80D7W  | 100.000              | 210.000     | 59.4               | 219.4           | 07-02-2021              |
| 5       | 1       | 000851.77500000   | FB2       | 1         |            | 8K10F1W<br>9K80D7W  | 100.000              | 170.000     | 83.8               | 224.7           | 05-09-2020              |
| 5       | 1       | 000853.17500000   | FB2       | 1         |            | 8K10F1W<br>9K80D7W  | 100.000              | 170.000     | 83.8               | 224.7           | 05-09-2020              |
| 5       | 1       | 000852.77500000   | FB2       | 1         |            | 8K10F1W<br>9K80D7W  | 100.000              | 170.000     | 83.8               | 224.7           | 03-18-2022              |
| 6       | 1       | 000806.53750000   | MO        | 40000     |            | 8K10F1W<br>8K10G1W  | 35.000               | 50.000      |                    |                 | 05-09-2020              |
| 6       | 1       | 000806.25000000   | MO        | 40000     |            | 8K10F1W<br>8K10G1W  | 35.000               | 50.000      |                    |                 | 07-02-2021              |
| 6       | 1       | 000806.80000000   | MO        | 40000     |            | 8K10F1W<br>8K10G1W  | 35.000               | 50.000      |                    |                 | 07-02-2021              |
| 6       | 1       | 000807.30000000   | MO        | 40000     |            | 8K10F1W<br>8K10G1W  | 35.000               | 50.000      |                    |                 | 04-06-2023              |
| 6       | 1       | 000807.61250000   | MO        | 40000     |            | 8K10F1W<br>8K10G1W  | 35.000               | 50.000      |                    |                 | 04-06-2023              |
| 7       | 1       | 000806.48750000   | MO        | 40000     |            | 8K10F1W<br>8K10G1W  | 35.000               | 50.000      |                    |                 | 05-09-2020              |

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|---------|---------|-------------------|-----------|-----------|------------|---------------------|----------------------|-------------|--------------------|-----------------|-------------------------|
| 7       | 1       | 000806.98750000   | MO        | 40000     |            | 8K10F1W<br>8K10G1W  | 35.000               | 50.000      |                    |                 | 05-09-2020              |
| 7       | 1       | 000806.22500000   | MO        | 40000     |            | 8K10F1W<br>8K10G1W  | 35.000               | 50.000      |                    |                 | 03-18-2022              |
| 8       | 1       | 000806.90000000   | MO        | 40000     |            | 8K10F1W<br>8K10G1W  | 35.000               | 50.000      |                    |                 | 05-09-2020              |
| 8       | 1       | 000807.40000000   | MO        | 40000     |            | 8K10F1W<br>8K10G1W  | 35.000               | 50.000      |                    |                 | 05-09-2020              |
| 8       | 1       | 000807.82500000   | MO        | 40000     |            | 8K10F1W<br>8K10G1W  | 35.000               | 50.000      |                    |                 | 03-18-2022              |
| 9       | 1       | 000806.63750000   | MO        | 40000     |            | 8K10F1W<br>8K10G1W  | 35.000               | 50.000      |                    |                 | 05-09-2020              |
| 9       | 1       | 000806.30000000   | MO        | 40000     |            | 8K10F1W<br>8K10G1W  | 35.000               | 50.000      |                    |                 | 01-10-2021              |
| 9       | 1       | 000806.03750000   | MO        | 40000     |            | 8K10F1W<br>8K10G1W  | 35.000               | 50.000      |                    |                 | 07-02-2021              |
| 9       | 1       | 000807.47500000   | MO        | 40000     |            | 8K10F1W<br>8K10G1W  | 35.000               | 50.000      |                    |                 | 07-02-2021              |
| 10      | 1       | 000808.17500000   | MO        | 40000     |            | 8K10F1W<br>8K10G1W  | 35.000               | 50.000      |                    |                 | 05-09-2020              |
| 10      | 1       | 000806.77500000   | MO        | 40000     |            | 8K10F1W<br>8K10G1W  | 35.000               | 50.000      |                    |                 | 05-09-2020              |
| 10      | 1       | 000807.77500000   | MO        | 40000     |            | 8K10F1W<br>8K10G1W  | 35.000               | 50.000      |                    |                 | 03-18-2022              |
| 11      | 1       | 000806.53750000   | FX1       | 1         |            | 8K10F1W<br>8K10G1W  | 35.000               | 50.000      |                    |                 |                         |
| 11      | 1       | 000806.25000000   | FX1       | 1         |            | 8K10F1W<br>8K10G1W  | 35.000               | 50.000      |                    |                 |                         |
| 11      | 1       | 000806.80000000   | FX1       | 1         |            | 8K10F1W<br>8K10G1W  | 35.000               | 50.000      |                    |                 |                         |

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|---------|---------|-------------------|-----------|-----------|------------|---------------------|----------------------|-------------|--------------------|-----------------|-------------------------|
| 11      | 1       | 000807.30000000   | FX1       | 1         |            | 8K10F1W<br>8K10G1W  | 35.000               | 50.000      |                    |                 |                         |
| 11      | 1       | 000807.61250000   | FX1       | 1         |            | 8K10F1W<br>8K10G1W  | 35.000               | 50.000      |                    |                 |                         |
| 12      | 1       | 000806.48750000   | FX1       | 1         |            | 8K10F1W<br>8K10G1W  | 35.000               | 50.000      |                    |                 |                         |
| 12      | 1       | 000806.98750000   | FX1       | 1         |            | 8K10F1W<br>8K10G1W  | 35.000               | 50.000      |                    |                 |                         |
| 12      | 1       | 000806.22500000   | FX1       | 1         |            | 8K10F1W<br>8K10G1W  | 35.000               | 50.000      |                    |                 |                         |
| 13      | 1       | 000806.90000000   | FX1       | 1         |            | 8K10F1W<br>8K10G1W  | 35.000               | 50.000      |                    |                 |                         |
| 13      | 1       | 000807.70000000   | FX1       | 1         |            | 8K10F1W<br>8K10G1W  | 35.000               | 50.000      |                    |                 |                         |
| 13      | 1       | 000807.82500000   | FX1       | 1         |            | 8K10F1W<br>8K10G1W  | 35.000               | 50.000      |                    |                 |                         |
| 14      | 1       | 000806.63750000   | FX1       | 1         |            | 8K10F1W<br>8K10G1W  | 35.000               | 50.000      |                    |                 |                         |
| 14      | 1       | 000806.30000000   | FX1       | 1         |            | 8K10F1W<br>8K10G1W  | 35.000               | 50.000      |                    |                 |                         |
| 14      | 1       | 000806.03750000   | FX1       | 1         |            | 8K10F1W<br>8K10G1W  | 35.000               | 50.000      |                    |                 |                         |
| 14      | 1       | 000807.47500000   | FX1       | 1         |            | 8K10F1W<br>8K10G1W  | 35.000               | 50.000      |                    |                 |                         |
| 15      | 1       | 000806.77500000   | FX1       | 1         |            | 8K10F1W<br>8K10G1W  | 35.000               | 50.000      |                    |                 |                         |
| 15      | 1       | 000808.17500000   | FX1       | 1         |            | 8K10F1W<br>8K10G1W  | 35.000               | 50.000      |                    |                 |                         |
| 15      | 1       | 000807.77500000   | FX1       | 1         |            | 8K10F1W<br>8K10G1W  | 35.000               | 50.000      |                    |                 |                         |

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**Control Points**

**Control Pt. No. 1**

**Address:** 225 EZELL PIKE

**City:** NASHVILLE **County:** DAVIDSON **State:** TN **Telephone Number:** (615)365-1620

**Control Pt. No. 2**

**Address:** 800 BEN ALLEN RD.

**City:** NASHVILLE **County:** DAVIDSON **State:** TN **Telephone Number:** (615)741-2060

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**Associated Call Signs**

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<NA>

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**Waivers/Conditions:**

Grant of the request to update licensee name is conditioned on it not reflecting an assignment or transfer of control (see Rule 1.948); if an assignment or transfer occurred without proper notification or FCC approval, the grant is void and the station is licensed under the prior name.