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**Federal Communications Commission  
Public Safety and Homeland Security Bureau**

**RADIO STATION AUTHORIZATION**

LICENSEE: CHATTANOOGA, CITY OF

ATTN: MOBILE COMMUNICATION SERVICES  
CHATTANOOGA, CITY OF  
910 WISDOM STREET  
CHATTANOOGA, TN 37406

<b>Call Sign</b> WQKJ941	<b>File Number</b> 0008570756
<b>Radio Service</b> YE - PubSafty/SpecEmer/PubSaftyNtlPlan,806-817/851 -862MHz,Trunked	
<b>Regulatory Status</b> PMRS	
<b>Frequency Coordination Number</b>	

FCC Registration Number (FRN): 0001762699

<b>Grant Date</b> 03-29-2019	<b>Effective Date</b> 03-29-2019	<b>Expiration Date</b> 06-17-2029	<b>Print Date</b> 03-30-2019
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**STATION TECHNICAL SPECIFICATIONS**

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

- Loc. 1** Address: 610 N BRAGG ST  
City: LOOKOUT MOUNTAIN County: HAMILTON State: TN  
Lat (NAD83): 35-00-12.3 N Long (NAD83): 085-20-42.8 W ASR No.: Ground Elev: 652.0
- Loc. 2** Address: 1118 JAMES BLVD.  
City: SIGNAL MOUNTAIN County: HAMILTON State: TN  
Lat (NAD83): 35-08-01.3 N Long (NAD83): 085-20-06.9 W ASR No.: Ground Elev: 600.0
- Loc. 3** Address: 606 FIRE TOWER RD  
City: MCDONALD County: HAMILTON State: TN  
Lat (NAD83): 35-08-49.3 N Long (NAD83): 085-01-28.8 W ASR No.: Ground Elev: 442.0
- Loc. 4** Address: 4100 STRATTON LN  
City: COLLEGEDALE County: HAMILTON State: TN  
Lat (NAD83): 35-01-32.9 N Long (NAD83): 085-04-24.7 W ASR No.: 1043883 Ground Elev: 388.0
- Loc. 5** Area of operation  
Operating within a 80.0 km radius around fixed location 1
- Loc. 6** Area of operation  
Land Mobile Control Station meeting the 6.1 Meter Rule: TN

**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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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	000857.23750000	FB2	1		8K70D1W	100.000	200.000	40.0	405.0	06-17-2010
1	1	000858.43750000	FB2	1		8K70D1W	100.000	200.000	40.0	405.0	06-17-2010
1	1	000857.93750000	FB2	1		8K70D1W	100.000	200.000	40.0	405.0	06-17-2010
1	1	000856.76250000	FB2	1		8K70D1W	100.000	200.000	40.0	405.0	06-17-2010
1	1	000857.71250000	FB2	1		8K70D1W	100.000	200.000	40.0	405.0	06-17-2010
1	1	000855.21250000	FB2	1		8K70D1W	100.000	200.000	40.0	405.0	06-17-2010
1	1	000856.23750000	FB2	1		8K70D1W	100.000	200.000	40.0	405.0	06-17-2010
1	1	000857.43750000	FB2	1		8K70D1W	100.000	200.000	40.0	405.0	06-17-2010
1	1	000857.48750000	FB2	1		8K70D1W	100.000	200.000	40.0	405.0	06-17-2010
1	1	000858.23750000	FB2	1		8K70D1W	100.000	200.000	40.0	405.0	06-17-2010
1	1	000854.38750000	FB2	1		8K70D1W 9K80D7W	100.000	200.000	40.0	405.0	02-22-2014
1	1	000855.98750000	FB2	1		8K70D1W 9K80D7W	100.000	200.000	40.0	405.0	02-22-2014
1	1	000856.96250000	FB2	1		8K70D1W 9K80D7W	100.000	200.000	40.0	405.0	11-12-2016
1	1	000855.18750000	FB2	1		8K70D1W 9K80D7W	100.000	170.000	40.0	405.0	02-22-2017
1	1	000856.08750000	FB2	1		8K70D1W 9K80D7W	100.000	200.000	40.0	405.0	02-22-2017
1	1	000854.91250000	FB2	1		8K70D1W 9K80D7W	100.000	160.000	40.0	405.0	08-22-2017
2	1	000857.43750000	FB2	1		8K70D1W	100.000	200.000	40.0	277.0	06-17-2010
2	1	000857.48750000	FB2	1		8K70D1W	100.000	200.000	40.0	277.0	06-17-2010

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2	1	000858.23750000	FB2	1		8K70D1W	100.000	200.000	40.0	277.0	06-17-2010
2	1	000857.23750000	FB2	1		8K70D1W	100.000	200.000	40.0	277.0	06-17-2010
2	1	000858.43750000	FB2	1		8K70D1W	100.000	200.000	40.0	277.0	06-17-2010
2	1	000857.93750000	FB2	1		8K70D1W	100.000	200.000	40.0	277.0	06-17-2010
2	1	000856.76250000	FB2	1		8K70D1W	100.000	200.000	40.0	277.0	06-17-2010
2	1	000857.71250000	FB2	1		8K70D1W	100.000	200.000	40.0	277.0	06-17-2010
2	1	000855.21250000	FB2	1		8K70D1W	100.000	200.000	40.0	277.0	06-17-2010
2	1	000856.23750000	FB2	1		8K70D1W	100.000	200.000	40.0	277.0	06-17-2010
2	1	000854.38750000	FB2	1		8K70D1W 9K80D7W	100.000	200.000	40.0	277.0	02-22-2014
2	1	000855.98750000	FB2	1		8K70D1W 9K80D7W	100.000	200.000	40.0	277.0	02-22-2014
2	1	000856.96250000	FB2	1		8K70D1W 9K80D7W	100.000	200.000	40.0	277.0	11-12-2016
2	1	000855.18750000	FB2	1		8K70D1W 9K80D7W	100.000	170.000	40.0	277.0	02-22-2017
2	1	000856.08750000	FB2	1		8K70D1W 9K80D7W	100.000	200.000	40.0	277.0	02-22-2017
2	1	000854.91250000	FB2	1		8K70D1W 9K80D7W	100.000	160.000	40.0	277.0	08-22-2017
3	1	000857.23750000	FB2	1		8K70D1W	100.000	230.000	58.0	238.0	06-17-2010
3	1	000858.43750000	FB2	1		8K70D1W	100.000	230.000	58.0	238.0	06-17-2010
3	1	000857.93750000	FB2	1		8K70D1W	100.000	230.000	58.0	238.0	06-17-2010
3	1	000856.76250000	FB2	1		8K70D1W	100.000	230.000	58.0	238.0	06-17-2010

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3	1	000857.71250000	FB2	1		8K70D1W	100.000	230.000	58.0	238.0	06-17-2010
3	1	000855.21250000	FB2	1		8K70D1W	100.000	230.000	58.0	238.0	06-17-2010
3	1	000856.23750000	FB2	1		8K70D1W	100.000	230.000	58.0	238.0	06-17-2010
3	1	000857.43750000	FB2	1		8K70D1W	100.000	230.000	58.0	238.0	06-17-2010
3	1	000857.48750000	FB2	1		8K70D1W	100.000	230.000	58.0	238.0	06-17-2010
3	1	000858.23750000	FB2	1		8K70D1W	100.000	230.000	58.0	238.0	06-17-2010
3	1	000854.38750000	FB2	1		8K70D1W 9K80D7W	100.000	230.000	58.0	238.0	02-22-2014
3	1	000855.98750000	FB2	1		8K70D1W 9K80D7W	100.000	230.000	58.0	238.0	02-22-2014
3	1	000856.96250000	FB2	1		8K70D1W 9K80D7W	100.000	230.000	58.0	238.0	11-12-2016
3	1	000855.18750000	FB2	1		8K70D1W 9K80D7W	100.000	180.000	58.0	238.0	02-22-2017
3	1	000856.08750000	FB2	1		8K70D1W 9K80D7W	100.000	230.000	58.0	238.0	02-22-2017
3	1	000854.91250000	FB2	1		8K70D1W 9K80D7W	100.000	160.000	58.0	238.0	08-22-2017
4	1	000857.23750000	FB2	1		8K70D1W	100.000	215.000	58.0	190.0	06-17-2010
4	1	000858.43750000	FB2	1		8K70D1W	100.000	215.000	58.0	190.0	06-17-2010
4	1	000857.93750000	FB2	1		8K70D1W	100.000	215.000	58.0	190.0	06-17-2010
4	1	000856.76250000	FB2	1		8K70D1W	100.000	215.000	58.0	190.0	06-17-2010
4	1	000857.71250000	FB2	1		8K70D1W	100.000	215.000	58.0	190.0	06-17-2010
4	1	000855.21250000	FB2	1		8K70D1W	100.000	215.000	58.0	190.0	06-17-2010

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4	1	000856.23750000	FB2	1		8K70D1W	100.000	215.000	58.0	190.0	06-17-2010
4	1	000857.43750000	FB2	1		8K70D1W	100.000	215.000	58.0	190.0	06-17-2010
4	1	000857.48750000	FB2	1		8K70D1W	100.000	215.000	58.0	190.0	06-17-2010
4	1	000858.23750000	FB2	1		8K70D1W	100.000	215.000	58.0	190.0	06-17-2010
4	1	000854.38750000	FB2	1		8K70D1W 9K80D7W	100.000	215.000	58.0	190.0	02-22-2014
4	1	000855.98750000	FB2	1		8K70D1W 9K80D7W	100.000	215.000	58.0	190.0	02-22-2014
4	1	000856.96250000	FB2	1		8K70D1W 9K80D7W	100.000	215.000	58.0	190.0	11-12-2016
4	1	000855.18750000	FB2	1		8K70D1W 9K80D7W	100.000	215.000	58.0	190.0	02-22-2017
4	1	000856.08750000	FB2	1		8K70D1W 9K80D7W	100.000	215.000	58.0	190.0	02-22-2017
4	1	000854.91250000	FB2	1		8K70D1W 9K80D7W	100.000	215.000	58.0	190.0	08-22-2017
5	1	000812.23750000	MO	10000		8K10F1D 8K10F1E	35.000	50.000			06-17-2010
5	1	000813.43750000	MO	10000		8K10F1D 8K10F1E	35.000	50.000			06-17-2010
5	1	000812.93750000	MO	10000		8K10F1D 8K10F1E	35.000	50.000			06-17-2010
5	1	000811.76250000	MO	10000		8K10F1D 8K10F1E	35.000	50.000			06-17-2010
5	1	000812.71250000	MO	10000		8K10F1D 8K10F1E	35.000	50.000			06-17-2010
5	1	000810.21250000	MO	10000		8K10F1D 8K10F1E	35.000	50.000			06-17-2010

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5	1	000811.23750000	MO	10000		8K10F1D 8K10F1E	35.000	50.000			06-17-2010
5	1	000812.43750000	MO	10000		8K10F1D 8K10F1E	35.000	50.000			06-17-2010
5	1	000812.48750000	MO	10000		8K10F1D 8K10F1E	35.000	50.000			06-17-2010
5	1	000813.23750000	MO	10000		8K10F1D 8K10F1E	35.000	50.000			06-17-2010
5	1	000809.38750000	MO	10000		8K10F1D 8K10F1E 8K10F1W 8K10G1W	35.000	50.000			02-22-2014
5	1	000810.98750000	MO	10000		8K10F1D 8K10F1E 8K10F1W 8K10G1W	35.000	50.000			02-22-2014
5	1	000811.96250000	MO	10000		8K10F1D 8K10F1E 8K10G1W	35.000	50.000			11-12-2016
5	1	000810.18750000	MO	10000		8K10F1D 8K10F1E 8K10F1W 8K10G1W	35.000	50.000			02-22-2017
5	1	000811.08750000	MO	10000		8K10F1D 8K10F1E 8K10F1W 8K10G1W	35.000	50.000			02-22-2017
5	1	000809.91250000	MO	10000		8K10F1D 8K10F1E 8K10F1W 8K10G1W	35.000	50.000			08-22-2017
6	1	000812.48750000	FX1	400		8K10F1D 8K10F1E	35.000	50.000			
6	1	000813.23750000	FX1	400		8K10F1D 8K10F1E	35.000	50.000			

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6	1	000812.23750000	FX1	400		8K10F1D 8K10F1E	35.000	50.000			
6	1	000812.93750000	FX1	400		8K10F1D 8K10F1E	35.000	50.000			
6	1	000813.43750000	FX1	400		8K10F1D 8K10F1E 8K10G1W	35.000	50.000			
6	1	000811.76250000	FX1	400		8K10F1D 8K10F1E	35.000	50.000			
6	1	000812.71250000	FX1	400		8K10F1D 8K10F1E	35.000	50.000			
6	1	000810.21250000	FX1	400		8K10F1D 8K10F1E	35.000	50.000			
6	1	000811.23750000	FX1	400		8K10F1D 8K10F1E	35.000	50.000			
6	1	000812.43750000	FX1	400		8K10F1D 8K10F1E	35.000	50.000			
6	1	000809.38750000	FX1	400		8K10F1D 8K10F1E 8K10F1W 8K10G1W	35.000	50.000			
6	1	000810.98750000	FX1	400		8K10F1D 8K10F1E 8K10F1W 8K10G1W	35.000	50.000			
6	1	000811.96250000	FX1	400		8K10F1D 8K10F1E	35.000	50.000			
6	1	000810.18750000	FX1	400		8K10F1D 8K10F1E 8K10F1W 8K10G1W	35.000	50.000			

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6	1	000811.08750000	FX1	400		8K10F1D 8K10F1E 8K10F1W 8K10G1W	35.000	50.000			
6	1	000809.91250000	FX1	400		8K10F1D 8K10F1E 8K10F1W 8K10G1W	35.000	50.000			

Control Points

Control Pt. No. 1

Address: 3420 AMNICOLA HWY.

City: CHATTANOOGA County: HAMILTON State: TN Telephone Number: (423)643-5236

Associated Call Signs

<NA>

Waivers/Conditions:

Prior to commencing operations on any channel or channels specified under this authorization, the licensee must provide at least 60 days written or electronic notice to Sprint Nextel Corporation that it intends to activate the channel(s) for testing or commencement of operations. Sprint Nextel must cease operation on the channel(s) specified in the notice by the intended date to the extent necessary to comply with the co-channel spacing requirements of § 90.621(b), after which the licensee may activate the channel(s). Sprint Nextel Corporation has established an email box to receive these notifications at 800mhzinterleavedspectrum@sprint.com.