

REFERENCE COPY

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Federal Communications Commission Public Safety and Homeland Security Bureau

RADIO STATION AUTHORIZATION

LICENSEE: PHOENIX TRANSIT AUTHORITY

ATTN: ROBERT ANGEL
PHOENIX TRANSIT AUTHORITY
302 1ST AVE., SUITE 900
PHOENIX, AZ 85003

Call Sign WQXG636	File Number 0009244308
Radio Service YE - PubSafty/SpecEmer/PubSaftyNtlPlan,806-817/851 -862MHz,Trunked	
Regulatory Status PMRS	
Frequency Coordination Number IM20200400736	

FCC Registration Number (FRN): 0025229022

Grant Date 02-29-2016	Effective Date 10-05-2020	Expiration Date 02-28-2026	Print Date 10-06-2020
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STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

- Loc. 1** Address: THOMPSON PEAK
City: PHOENIX County: MARICOPA State: AZ
Lat (NAD83): 33-38-39.2 N Long (NAD83): 111-48-43.5 W ASR No.: Ground Elev: 1213.0
- Loc. 2** Address: WHITE TANK MOUNTAIN
City: LITCHFIELD PARK County: MARICOPA State: AZ
Lat (NAD83): 33-34-01.1 N Long (NAD83): 112-33-29.6 W ASR No.: Ground Elev: 1225.0
- Loc. 3** Address: 12717 S. CENTRAL
City: PHOENIX County: MARICOPA State: AZ
Lat (NAD83): 33-20-04.9 N Long (NAD83): 112-03-35.4 W ASR No.: 1275148 Ground Elev: 781.0
- Loc. 4** Area of operation
Operating within a 64.0 km radius around fixed location 1
- Loc. 5** Area of operation
Operating within a 64.0 km radius around fixed location 2
- Loc. 6** Area of operation
Operating within a 64.0 km radius around fixed location 3
- Loc. 7** Area of operation
Land Mobile Control Station meeting the 6.1 Meter Rule: AZ

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	000852.08750000	FB2	1		7K60FXD 7K60FXE	100.000	150.000	18.5	656.0	02-28-2017
1	1	000852.28750000	FB2	1		7K60FXD 7K60FXE	100.000	150.000	18.5	656.0	02-28-2017
1	1	000852.46250000	FB2	1		7K60FXD 7K60FXE	100.000	150.000	18.5	656.0	02-28-2017
1	1	000852.68750000	FB2	1		7K60FXD 7K60FXE	100.000	150.000	18.5	656.0	02-28-2017
1	1	000852.91250000	FB2	1		7K60FXD 7K60FXE	100.000	150.000	18.5	656.0	02-28-2017
1	1	000853.13750000	FB2	1		7K60FXD 7K60FXE	100.000	150.000	18.5	656.0	02-28-2017
1	1	000853.33750000	FB2	1		7K60FXD 7K60FXE	100.000	150.000	18.5	656.0	02-28-2017
1	1	000853.66250000	FB2	1		7K60FXD 7K60FXE	100.000	150.000	18.5	656.0	02-28-2017
2	1	000852.03750000	FB2	1		7K60FXD 7K60FXE	100.000	150.000	27.5	712.0	08-28-2017
2	1	000852.23750000	FB2	1		7K60FXD 7K60FXE	100.000	150.000	27.5	712.0	08-28-2017
2	1	000852.43750000	FB2	1		7K60FXD 7K60FXE	100.000	150.000	27.5	712.0	08-28-2017
2	1	000852.66250000	FB2	1		7K60FXD 7K60FXE	100.000	150.000	27.5	712.0	08-28-2017
2	1	000852.86250000	FB2	1		7K60FXD 7K60FXE	100.000	150.000	27.5	712.0	08-28-2017
2	1	000853.06250000	FB2	1		7K60FXD 7K60FXE	100.000	150.000	27.5	712.0	08-28-2017
2	1	000853.26250000	FB2	1		7K60FXD 7K60FXE	100.000	150.000	27.5	712.0	08-28-2017

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2	1	000853.4750000	FB2	1		7K60FXD 7K60FXE	100.000	150.000	27.5	712.0	08-28-2017
3	1	000851.9625000	FB2	1		7K60FXD 7K60FXE	100.000	150.000	58.0	479.2	02-28-2017
3	1	000852.1625000	FB2	1		7K60FXD 7K60FXE	100.000	150.000	58.0	479.2	02-28-2017
3	1	000852.3625000	FB2	1		7K60FXD 7K60FXE	100.000	150.000	58.0	479.2	02-28-2017
3	1	000852.6375000	FB2	1		7K60FXD 7K60FXE	100.000	150.000	58.0	479.2	02-28-2017
3	1	000852.8375000	FB2	1		7K60FXD 7K60FXE	100.000	150.000	58.0	479.2	02-28-2017
3	1	000853.0375000	FB2	1		7K60FXD 7K60FXE	100.000	150.000	58.0	479.2	02-28-2017
3	1	000853.2375000	FB2	1		7K60FXD 7K60FXE	100.000	150.000	58.0	479.2	02-28-2017
3	1	000853.4375000	FB2	1		7K60FXD 7K60FXE	100.000	150.000	58.0	479.2	02-28-2017
4	1	000852.0875000	MO	1500		7K60FXD 7K60FXE	35.000	35.000			02-28-2017
4	1	000852.2875000	MO	1500		7K60FXD 7K60FXE	35.000	35.000			02-28-2017
4	1	000852.4625000	MO	1500		7K60FXD 7K60FXE	35.000	35.000			02-28-2017
4	1	000852.6875000	MO	1500		7K60FXD 7K60FXE	35.000	35.000			02-28-2017
4	1	000852.9125000	MO	1500		7K60FXD 7K60FXE	35.000	35.000			02-28-2017
4	1	000853.1375000	MO	1500		7K60FXD 7K60FXE	35.000	35.000			02-28-2017

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4	1	000853.33750000	MO	1500		7K60FXD 7K60FXE	35.000	35.000			02-28-2017
4	1	000853.66250000	MO	1500		7K60FXD 7K60FXE	35.000	35.000			02-28-2017
4	1	000807.08750000	MO	1500		7K60FXD 7K60FXE	35.000	35.000			02-28-2017
4	1	000807.28750000	MO	1500		7K60FXD 7K60FXE	35.000	35.000			02-28-2017
4	1	000807.46250000	MO	1500		7K60FXD 7K60FXE	35.000	35.000			02-28-2017
4	1	000807.68750000	MO	1500		7K60FXD 7K60FXE	35.000	35.000			02-28-2017
4	1	000807.91250000	MO	1500		7K60FXD 7K60FXE	35.000	35.000			02-28-2017
4	1	000808.13750000	MO	1500		7K60FXD 7K60FXE	35.000	35.000			02-28-2017
4	1	000808.33750000	MO	1500		7K60FXD 7K60FXE	35.000	35.000			02-28-2017
4	1	000808.66250000	MO	1500		7K60FXD 7K60FXE	35.000	35.000			02-28-2017
5	1	000852.03750000	MO	1500		7K60FXD 7K60FXE	35.000	35.000			08-28-2017
5	1	000852.23750000	MO	1500		7K60FXD 7K60FXE	35.000	35.000			08-28-2017
5	1	000852.43750000	MO	1500		7K60FXD 7K60FXE	35.000	35.000			08-28-2017
5	1	000852.66250000	MO	1500		7K60FXD 7K60FXE	35.000	35.000			08-28-2017
5	1	000852.86250000	MO	1500		7K60FXD 7K60FXE	35.000	35.000			08-28-2017

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5	1	000853.26250000	MO	1500		7K60FXD 7K60FXE	35.000	35.000			08-28-2017
5	1	000853.47500000	MO	1500		7K60FXD 7K60FXE	35.000	35.000			08-28-2017
5	1	000807.03750000	MO	1500		7K60FXD 7K60FXE	35.000	35.000			08-28-2017
5	1	000807.23750000	MO	1500		7K60FXD 7K60FXE	35.000	35.000			08-28-2017
5	1	000807.43750000	MO	1500		7K60FXD 7K60FXE	35.000	35.000			08-28-2017
5	1	000807.66250000	MO	1500		7K60FXD 7K60FXE	35.000	35.000			08-28-2017
5	1	000807.86250000	MO	1500		7K60FXD 7K60FXE	35.000	35.000			08-28-2017
5	1	000808.06250000	MO	1500		7K60FXD 7K60FXE	35.000	35.000			08-28-2017
5	1	000808.26250000	MO	1500		7K60FXD 7K60FXE	35.000	35.000			08-28-2017
5	1	000808.47500000	MO	1500		7K60FXD 7K60FXE	35.000	35.000			08-28-2017
5	1	000853.06250000	MO	1500		7K60FXD 7K60FXE	35.000	35.000			08-28-2017
6	1	000852.16250000	MO	1500		7K60FXD 7K60FXE	35.000	35.000			02-28-2017
6	1	000852.36250000	MO	1500		7K60FXD 7K60FXE	35.000	35.000			02-28-2017
6	1	000852.63750000	MO	1500		7K60FXD 7K60FXE	35.000	35.000			02-28-2017
6	1	000852.83750000	MO	1500		7K60FXD 7K60FXE	35.000	35.000			02-28-2017

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6	1	000853.03750000	MO	1500		7K60FXD 7K60FXE	35.000	35.000			02-28-2017
6	1	000853.23750000	MO	1500		7K60FXD 7K60FXE	35.000	35.000			02-28-2017
6	1	000853.43750000	MO	1500		7K60FXD 7K60FXE	35.000	35.000			02-28-2017
6	1	000851.96250000	MO	1500		7K60FXD 7K60FXE	35.000	35.000			02-28-2017
6	1	000806.96250000	MO	1500		7K60FXD 7K60FXE	35.000	35.000			02-28-2017
6	1	000807.16250000	MO	1500		7K60FXD 7K60FXE	35.000	35.000			02-28-2017
6	1	000807.36250000	MO	1500		7K60FXD 7K60FXE	35.000	35.000			02-28-2017
6	1	000807.63750000	MO	1500		7K60FXD 7K60FXE	35.000	35.000			02-28-2017
6	1	000807.83750000	MO	1500		7K60FXD 7K60FXE	35.000	35.000			02-28-2017
6	1	000808.03750000	MO	1500		7K60FXD 7K60FXE	35.000	35.000			02-28-2017
6	1	000808.23750000	MO	1500		7K60FXD 7K60FXE	35.000	35.000			02-28-2017
6	1	000808.43750000	MO	1500		7K60FXD 7K60FXE	35.000	35.000			02-28-2017
7	1	000807.08750000	FX1	1500		7K60FXD 7K60FXE	35.000	35.000			
7	1	000807.28750000	FX1	1500		7K60FXD 7K60FXE	35.000	35.000			
7	1	000807.46250000	FX1	1500		7K60FXD 7K60FXE	35.000	35.000			

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7	1	000807.68750000	FX1	1500		7K60FXD 7K60FXE	35.000	35.000			
7	1	000807.91250000	FX1	1500		7K60FXD 7K60FXE	35.000	35.000			
7	1	000808.13750000	FX1	1500		7K60FXD 7K60FXE	35.000	35.000			
7	1	000808.33750000	FX1	1500		7K60FXD 7K60FXE	35.000	35.000			
7	1	000808.66250000	FX1	1500		7K60FXD 7K60FXE	35.000	35.000			
7	1	000807.03750000	FX1	1500		7K60FXD 7K60FXE	35.000	35.000			
7	1	000807.23750000	FX1	1500		7K60FXD 7K60FXE	35.000	35.000			
7	1	000807.43750000	FX1	1500		7K60FXD 7K60FXE	35.000	35.000			
7	1	000807.66250000	FX1	1500		7K60FXD 7K60FXE	35.000	35.000			
7	1	000807.86250000	FX1	1500		7K60FXD 7K60FXE	35.000	35.000			
7	1	000806.06250000	FX1	1500		7K60FXD 7K60FXE	35.000	35.000			
7	1	000808.26250000	FX1	1500		7K60FXD 7K60FXE	35.000	35.000			
7	1	000808.47500000	FX1	1500		7K60FXD 7K60FXE	35.000	35.000			
7	1	000806.96250000	FX1	1500		7K60FXD 7K60FXE	35.000	35.000			
7	1	000807.16250000	FX1	1500		7K60FXD 7K60FXE	35.000	35.000			

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7	1	000807.36250000	FX1	1500		7K60FXD 7K60FXE	35.000	35.000			
7	1	000807.63750000	FX1	1500		7K60FXD 7K60FXE	35.000	35.000			
7	1	000807.83750000	FX1	1500		7K60FXD 7K60FXE	35.000	35.000			
7	1	000808.03750000	FX1	1500		7K60FXD 7K60FXE	35.000	35.000			
7	1	000808.23750000	FX1	1500		7K60FXD 7K60FXE	35.000	35.000			
7	1	000808.43750000	FX1	1500		7K60FXD 7K60FXE	35.000	35.000			

Control Points

Control Pt. No. 1

Address: RADIO COMMUNICATIONS SERVICES 2

City: PHOENIX **County:** MARICOPA **State:** AZ **Telephone Number:** (602)262-4444

Associated Call Signs

<NA>

Waivers/Conditions:

Authorized by waiver of application freeze (extended by Public Notice DA 13-1770, (released 8-16-13)) on February 26, 2016.

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.