

REFERENCE COPY

This is not an official FCC license. It is a record of public information contained in the FCC's licensing database on the date that this reference copy was generated. In cases where FCC rules require the presentation, posting, or display of an FCC license, this document may not be used in place of an official FCC license.



**Federal Communications Commission
Wireless Telecommunications Bureau**

RADIO STATION AUTHORIZATION

LICENSEE: MOTOROLA SOLUTIONS, INC.

ATTN: CHUCK POWERS
MOTOROLA SOLUTIONS, INC.
1455 PENNSYLVANIA AVENUE, N.W., SUITE 900
WASHINGTON, DC 20004

Call Sign KNEJ641	File Number 0006577266
Radio Service IG - Industrial/Business Pool, Conventional	
Regulatory Status PMRS	
Frequency Coordination Number	

FCC Registration Number (FRN): 0002861649

Grant Date 01-21-2015	Effective Date 01-21-2015	Expiration Date 12-28-2024	Print Date 01-22-2015
---------------------------------	-------------------------------------	--------------------------------------	---------------------------------

STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

Loc. 1 Area of operation

Other:SOUTH OF LINE A AK WEST OF LINE C HI US TERRITORIES US

Loc. 2 Area of operation

Other:SOUTH OF LINE A AK WEST OF LINE C HI US TERRITORIES US

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	000025.00000000-000050.00000000	FBT	150		20K0F1D 20K0F3E 20K0F9W	100.000	300.000			
1	1	000025.00000000-000050.00000000	FBT	150		20K0F1E 20K0F2D	100.000	300.000			
1	1	000072.00000000-000076.00000000	FXOT	150		20K0F1D 20K0F3E 20K0F9W	100.000	300.000			

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.

Licensee Name: MOTOROLA SOLUTIONS, INC.

Call Sign: KNEJ641

File Number: 0006577266

Print Date: 01-22-2015

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	000072.00000000-000076.00000000	FXOT	150		20K0F1E 20K0F2D	100.000	300.000			
1	1	000150.00000000-000174.00000000	FB2T	150		11K0F3E 11K3F1D 11K3F1E 16K0F1D 20K0F1D 20K0F1E 20K0F2D 20K0F3E 20K0F9W 7K60FXD 7K60FXE 8K10F1D 8K10F1E	100.000	300.000			
1	1	000150.00000000-000174.00000000	FBT	150		11K0F3E 11K3F1D 11K3F1E 16K0F1D 20K0F1E 20K0F2D 7K60FXD 7K60FXE 8K10F1D 8K10F1E	100.000	300.000			
1	1	000450.00000000-000470.00000000	FB2T	150		11K0F3E 11K3F1D 11K3F1E 16K0F1D 20K0F1D 20K0F1E 20K0F2D 20K0F3E 20K0F9W 7K60FXD 7K60FXE 8K10F1D 8K10F1E	100.000	200.000			

Licensee Name: MOTOROLA SOLUTIONS, INC.

Call Sign: KNEJ641

File Number: 0006577266

Print Date: 01-22-2015

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	000450.00000000-000470.00000000	FBT	150		11K0F3E 11K3F1D 11K3F1E 16K0F1D 20K0F1D 20K0F1E 20K0F2D 20K0F3E 20K0F9W 7K60FXD 7K60FXE 8K10F1D 8K10F1E	100.000	200.000			
1	1	000450.00000000-000470.00000000	FX1T	150		11K0F3E 11K3F1D 11K3F1E 16K0F1D 20K0F1D 20K0F1E 20K0F2D 20K0F3E 20K0F9W 7K60FXD 7K60FXE 8K10F1D 8K10F1E	100.000	100.000			
1	1	000470.00000000-000512.00000000	FB2T	150		11K0F3E 11K3F1D 11K3F1E 16K0F1D 20K0F1D 20K0F1E 20K0F2D 20K0F3E 20K0F9W 7K60FXD 7K60FXE 8K10F1D 8K10F1E	100.000	200.000			

Licensee Name: MOTOROLA SOLUTIONS, INC.

Call Sign: KNEJ641

File Number: 0006577266

Print Date: 01-22-2015

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	000470.00000000-000512.00000000	FX1T	150		11K0F3E 11K3F1D 11K3F1E 16K0F1D 20K0F1D 20K0F1E 20K0F2D 20K0F3E 20K0F9W 7K60FXD 7K60FXE 8K10F1D 8K10F1E	100.000	100.000			
1	1	000806.00000000-000821.00000000	FX1T	150		11K0F3E 11K3F1D 11K3F1E 16K0F1D 20K0F1D 20K0F1E 20K0F2D 20K0F3E 20K0F9W 7K60FXD 7K60FXE 8K10F1D 8K10F1E	100.000	100.000			
1	1	000821.00000000-000824.00000000	FX1T	150		11K0F3E 11K3F1D 11K3F1E 14K0F1D 14K0F2D 14K0F3E 16K0F1D 16K0F1E 7K60FXD 7K60FXE 8K10F1D 8K10F1E	100.000	100.000			

Licensee Name: MOTOROLA SOLUTIONS, INC.

Call Sign: KNEJ641

File Number: 0006577266

Print Date: 01-22-2015

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	000851.00000000-000866.00000000	FB2T	150		11K0F3E 11K3F1D 11K3F1E 16K0F1D 20K0F1D 20K0F1E 20K0F2D 20K0F3E 20K0F9W 7K60FXD 7K60FXE 8K10F1D 8K10F1E	100.000	500.000			
1	1	000866.00000000-000869.00000000	FB2T	150		11K0F3E 11K3F1D 11K3F1E 14K0F1D 14K0F2D 14K0F3E 16K0F1D 16K8F1E 7K60FXD 7K60FXE 8K10F1D 8K10F1E	100.000	500.000			
1	1	000866.00000000-000869.00000000	FBT	150		11K0F3E 11K3F1D 11K3F1E 14K0F1D 14K0F2D 14K0F3E 16K0F1D 16K8F1E 7K60FXD 7K60FXE 8K10F1D 8K10F1E	100.000	500.000			
1	1	000896.00000000-000901.00000000	FX1T	150		13K6F1D 13K6F3E 13K6F9W	100.000	100.000			

Licensee Name: MOTOROLA SOLUTIONS, INC.

Call Sign: KNEJ641

File Number: 0006577266

Print Date: 01-22-2015

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	000896.00000000-000901.00000000	FX1T	150		11K0F3E 13K6F1E 13K6F2D 7K60FXD 7K60FXE	100.000	100.000			
1	1	000929.00000000-000930.00000000	FBT	150	100	20K0F1D 20K0F3E 20K0F9W	100.000	300.000			
1	1	000929.00000000-000930.00000000	FBT	150	100	11K0F3E 20K0F1E 20K0F2D 7K60FXD 7K60FXE	100.000	300.000			
1	1	000935.00000000-000940.00000000	FB2T	150		13K6F1D 13K6F3E 13K6F9W	100.000	300.000			
1	1	000935.00000000-000940.00000000	FB2T	150		11K0F3E 13K6F1E 13K6F2D 7K60FXD 7K60FXE	100.000	300.000			
1	1	000935.00000000-000940.00000000	FBT	150		13K6F1D 13K6F3E 13K6F9W	100.000	300.000			
1	1	000935.00000000-000940.00000000	FBT	150		11K0F3E 13K6F1E 13K6F2D 7K60FXD 7K60FXE	100.000	300.000			
2	1	000025.00000000-000050.00000000	MO	300		20K0F1D 20K0F3E 20K0F9W	100.000	300.000			
2	1	000025.00000000-000050.00000000	MO	300		20K0F1E 20K0F2D	100.000	300.000			

Licensee Name: MOTOROLA SOLUTIONS, INC.

Call Sign: KNEJ641

File Number: 0006577266

Print Date: 01-22-2015

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	000150.00000000-000174.00000000	MO	300		11K0F3E 11K3F1D 11K3F1E 16K0F1D 20K0F1D 20K0F1E 20K0F2D 20K0F3E 20K0F9W 7K60FXD 7K60FXE 8K10F1D 8K10F1E	100.000	300.000			
2	1	000450.00000000-000470.00000000	MO	300		11K0F3E 11K3F1D 11K3F1E 16K0F1D 20K0F1D 20K0F1E 20K0F2D 20K0F3E 20K0F9W 7K60FXD 7K60FXE 8K10F1D 8K10F1E	100.000	200.000			
2	1	000470.00000000-000512.00000000	MO	300		11K0F3E 11K3F1D 11K3F1E 16K0F1D 20K0F1D 20K0F1E 20K0F2D 20K0F3E 20K0F9W 7K60FXD 7K60FXE 8K10F1D 8K10F1E	100.000	300.000			

Licensee Name: MOTOROLA SOLUTIONS, INC.

Call Sign: KNEJ641

File Number: 0006577266

Print Date: 01-22-2015

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	000806.00000000-000821.00000000	MO	300		11K0F3E 11K3F1D 11K3F1E 16K0F1D 20K0F1D 20K0F1E 20K0F2D 20K0F3E 20K0F9W 7K60FXD 7K60FXE 8K10F1D 8K10F1E	100.000	100.000			
2	1	000821.00000000-000824.00000000	MO	300		11K0F3E 11K3F1D 11K3F1E 14K0F1D 14K0F2D 14K0F3E 16K0F1D 16K8F1E 7K60FXD 7K60FXE 8K10F1D 8K10F1E	100.000	100.000			
2	1	000896.00000000-000901.00000000	MO	300		13K6F1D 13K6F3E 13K6F9W	100.000	100.000			
2	1	000896.00000000-000901.00000000	MO	300		11K0F3E 13K6F1E 13K6F2D 7K60FXD 7K60FXE	100.000	100.000			

Licensee Name: MOTOROLA SOLUTIONS, INC.

Call Sign: KNEJ641

File Number: 0006577266

Print Date: 01-22-2015

Control Points

Control Pt. No. 1

Address: 7031 Columbia Gateway Drive, Floor 3

City: Columbia **County:** HOWARD **State:** MD **Telephone Number:** (410)712-6242

Associated Call Signs

<NA>

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.

Area of operation is restricted to south of Line A and/or west of Line C.

This license is for demonstration purposes only and may not be used for day to day business activity. This system is for secondary use and the mobiles licensed herein will not count toward the total mobile loading of these frequencies.

The use of radio for demonstration purposes in connection with sale of radio equipment is limited by the following conditions: a) The equipment shall be under the control of licensee at all times. Purchasers or prospective customers shall not be permitted to operate the equipment in any manner in the absence of authorized employees of the licensee; b) No person other than the licensee shall use the assigned call sign(s); c) No representation shall be made by the licensee to any person that a radio transmitter may be utilized prior to the issuance of an authorization by the Commission; d) Demonstration of radio equipment and/or coverage surveys should be completed within two weeks; e) Equipment demonstrated under the terms of this license shall be on frequencies available under Part 90 of the Rules; f) The technical parameters of the radio service in which the frequency(ies) is allocated shall be observed.

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.

Licensee Name: MOTOROLA SOLUTIONS, INC.

Call Sign: KNEJ641

File Number: 0006577266

Print Date: 01-22-2015

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.

Only frequencies allocated in Rule 90.35 may be used for demonstration purposes.