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**Federal Communications Commission
Wireless Telecommunications Bureau**

RADIO STATION AUTHORIZATION

LICENSEE: PHARM-ECO, A JOHNSON MATTHEY COMPANY

ATTN: SENIOR PROCESS ENGINEER
PHARM-ECO, A JOHNSON MATTHEY COMPANY
25 PATTON ROAD
DEVENS, MA 01532

Call Sign WPXJ976	File Number
Radio Service IG - Industrial/Business Pool, Conventional	
Regulatory Status PMRS	
Frequency Coordination Number	

FCC Registration Number (FRN): 0008394181

Grant Date 04-16-2013	Effective Date 07-07-2015	Expiration Date 04-21-2023	Print Date
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STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

- Loc. 1 Address:** 25 PATTON ROAD
City: DEVENS **County:** WORCESTER **State:** MA
Lat (NAD83): 42-31-51.0 N **Long (NAD83):** 071-37-39.0 W **ASR No.:** **Ground Elev:** 110.0
- Loc. 2 Area of operation**
Operating within a 32.0 km radius around fixed location 1
- Loc. 3 Area of operation**
Land Mobile Control Station meeting the 6.1 Meter Rule: MA
- Loc. 4 Area of operation**
Operating within a 32.0 km radius around 42-31-51.0 N, 071-37-39.0 W,
DEVENS, WORCESTER county, MA
- Loc. 5 Area of operation**
Operating within a 32.0 km radius around 42-39-21.2 N, 071-06-28.4 W,
NORTH ANDOVER, ESSEX county, MA

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: PHARM-ECO, A JOHNSON MATTHEY

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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	000464.22500000	FB2	1		11K2F3E	10.000	10.000	15.0	9.0	04-21-2004
2	1	000464.22500000	MO	20		11K2F3E	4.000	4.000			04-21-2004
2	1	000469.22500000	MO	20		11K2F3E	4.000	4.000			04-21-2004
3	1	000469.22500000	FX1	1		11K2F3E	10.000	10.000			
4	1	000464.82500000	MO	35		11K2F3E	5.000	5.000			07-07-2016
4	1	000462.43750000	MO	35		11K2F3E	5.000	5.000			07-07-2016
4	1	000467.43750000	MO	35		11K2F3E	5.000	5.000			07-07-2016
4	1	000467.33750000	MO	35		11K2F3E	5.000	5.000			07-07-2016
5	1	000464.82500000	MO	35		11K2F3E	5.000	5.000			07-07-2016
5	1	000462.43750000	MO	35		11K2F3E	5.000	5.000			07-07-2016
5	1	000467.43750000	MO	35		11K2F3E	5.000	5.000			07-07-2016
5	1	000467.33750000	MO	35		11K2F3E	5.000	5.000			07-07-2016

Control Points

Control Pt. No. 1

Address: 25 PATTON ROAD

City: DEVENS County: MIDDLESEX State: MA Telephone Number: (978)784-5000

Associated Call Signs

TEST TEST TEST <NA>

Waivers/Conditions:

NONE