

United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

KK2XGE

(Call Sign)

0025-EX-RR-2002

(File Number)

NAME Wyle Laboratories, Inc.

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.202(e) of the Commission's Rules

Station Locations

(1) WATERLOO (BLACK HAWK), IA - NL 42-28-02; WL 92-26-20

Frequency Information

WATERLOO (BLACK HAWK), IA - NL 42-28-02; WL 92-26-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14 kHz	FX	N0N	1000 W (ERP)	
14 kHz	FX	2K00A2N	1000 W (ERP)	
50 kHz	FX	N0N	1000 W (ERP)	
50 kHz	FX	2K00A2N	1000 W (ERP)	
75 kHz	FX	N0N	1000 W (ERP)	
75 kHz	FX	2K00A2N	1000 W (ERP)	
120 kHz	FX	N0N	1000 W (ERP)	
120 kHz	FX	2K00A2N	1000 W (ERP)	
511 kHz	FX	N0N	1000 W (ERP)	
511 kHz	FX	2K00A2N	1000 W (ERP)	
700 kHz	FX	N0N	1000 W (ERP)	
700 kHz	FX	2K00A2N	1000 W (ERP)	
900 kHz	FX	N0N	1000 W (ERP)	
900 kHz	FX	2K00A2N	1000 W (ERP)	
1000 kHz	FX	N0N	1000 W (ERP)	
1000 kHz	FX	2K00A2N	1000 W (ERP)	

This authorization effective February 01, 2002 and
will expire 3:00 A.M. EST February 01, 2007

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

WATERLOO (BLACK HAWK), IA - NL 42-28-02; WL 92-26-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1900 KHZ	FX	N0N	1000 W (ERP)	
1900 KHZ	FX	2K00A2N	1000 W (ERP)	
2000 KHZ	FX	N0N	1000 W (ERP)	
2000 KHZ	FX	2K00A2N	1000 W (ERP)	
2600 KHZ	FX	N0N	1000 W (ERP)	
2600 KHZ	FX	2K00A2N	1000 W (ERP)	
4000 KHZ	FX	N0N	1000 W (ERP)	
4000 KHZ	FX	2K00A2N	1000 W (ERP)	
5100 KHZ	FX	N0N	1000 W (ERP)	
5100 KHZ	FX	2K00A2N	1000 W (ERP)	
6000 KHZ	FX	N0N	1000 W (ERP)	
6000 KHZ	FX	2K00A2N	1000 W (ERP)	
7000 KHZ	FX	N0N	1000 W (ERP)	
7000 KHZ	FX	2K00A2N	1000 W (ERP)	
8000 KHZ	FX	N0N	1000 W (ERP)	
8000 KHZ	FX	2K00A2N	1000 W (ERP)	
11000 KHZ	FX	N0N	1000 W (ERP)	
11000 KHZ	FX	2K00A2N	1000 W (ERP)	
12000 KHZ	FX	N0N	1000 W (ERP)	
12000 KHZ	FX	2K00A2N	1000 W (ERP)	
14000 KHZ	FX	N0N	1000 W (ERP)	
14000 KHZ	FX	2K00A2N	1000 W (ERP)	
16000 KHZ	FX	N0N	1000 W (ERP)	
16000 KHZ	FX	2K00A2N	1000 W (ERP)	
19000 KHZ	FX	N0N	1000 W (ERP)	
19000 KHZ	FX	2K00A2N	1000 W (ERP)	
21000 KHZ	FX	N0N	1000 W (ERP)	
21000 KHZ	FX	2K00A2N	1000 W (ERP)	
22000 KHZ	FX	N0N	1000 W (ERP)	
22000 KHZ	FX	2K00A2N	1000 W (ERP)	
23000 KHZ	FX	N0N	1000 W (ERP)	
23000 KHZ	FX	2K00A2N	1000 W (ERP)	
24000 KHZ	FX	N0N	1000 W (ERP)	
24000 KHZ	FX	2K00A2N	1000 W (ERP)	
26965 KHZ	FX	N0N	5 W (Output Power)	
26965 KHZ	FX	100HA1A	5 W (Output Power)	
26965 KHZ	FX	2K00A2N	5 W (Output Power)	
26975 KHZ	FX	N0N	5 W (Output Power)	
26975 KHZ	FX	100HA1A	5 W (Output Power)	

Frequency Information

WATERLOO (BLACK HAWK), IA - NL 42-28-02; WL 92-26-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
26975 kHz	FX	2K00A2N	5 W (Output Power)	
26985 kHz	FX	N0N	5 W (Output Power)	
26985 kHz	FX	100HA1A	5 W (Output Power)	
26985 kHz	FX	2K00A2N	5 W (Output Power)	
26995 kHz	FX	N0N	5 W (Output Power)	
26995 kHz	FX	100HA1A	5 W (Output Power)	
26995 kHz	FX	2K00A2N	5 W (Output Power)	
27005 kHz	FX	N0N	5 W (Output Power)	
27005 kHz	FX	100HA1A	5 W (Output Power)	
27005 kHz	FX	2K00A2N	5 W (Output Power)	
27015 kHz	FX	N0N	5 W (Output Power)	
27015 kHz	FX	100HA1A	5 W (Output Power)	
27015 kHz	FX	2K00A2N	5 W (Output Power)	
27025 kHz	FX	N0N	5 W (Output Power)	
27025 kHz	FX	100HA1A	5 W (Output Power)	
27025 kHz	FX	2K00A2N	5 W (Output Power)	
27035 kHz	FX	N0N	5 W (Output Power)	
27035 kHz	FX	100HA1A	5 W (Output Power)	
27035 kHz	FX	2K00A2N	5 W (Output Power)	
27045 kHz	FX	N0N	5 W (Output Power)	
27045 kHz	FX	100HA1A	5 W (Output Power)	
27045 kHz	FX	2K00A2N	5 W (Output Power)	
27055 kHz	FX	N0N	5 W (Output Power)	
27055 kHz	FX	100HA1A	5 W (Output Power)	
27055 kHz	FX	2K00A2N	5 W (Output Power)	
27065 kHz	FX	N0N	5 W (Output Power)	
27065 kHz	FX	100HA1A	5 W (Output Power)	
27065 kHz	FX	2K00A2N	5 W (Output Power)	
27075 kHz	FX	N0N	5 W (Output Power)	
27075 kHz	FX	100HA1A	5 W (Output Power)	
27075 kHz	FX	2K00A2N	5 W (Output Power)	
27085 kHz	FX	N0N	5 W (Output Power)	
27085 kHz	FX	100HA1A	5 W (Output Power)	
27085 kHz	FX	2K00A2N	5 W (Output Power)	
27095 kHz	FX	N0N	5 W (Output Power)	
27095 kHz	FX	100HA1A	5 W (Output Power)	
27095 kHz	FX	2K00A2N	5 W (Output Power)	
27105 kHz	FX	N0N	5 W (Output Power)	
27105 kHz	FX	100HA1A	5 W (Output Power)	

Frequency Information

WATERLOO (BLACK HAWK), IA - NL 42-28-02; WL 92-26-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27105 kHz	FX	2K00A2N	5 W (Output Power)	
27115 kHz	FX	N0N	5 W (Output Power)	
27115 kHz	FX	100HA1A	5 W (Output Power)	
27115 kHz	FX	2K00A2N	5 W (Output Power)	
27125 kHz	FX	N0N	5 W (Output Power)	
27125 kHz	FX	100HA1A	5 W (Output Power)	
27125 kHz	FX	2K00A2N	5 W (Output Power)	
27135 kHz	FX	N0N	5 W (Output Power)	
27135 kHz	FX	100HA1A	5 W (Output Power)	
27135 kHz	FX	2K00A2N	5 W (Output Power)	
27145 kHz	FX	N0N	5 W (Output Power)	
27145 kHz	FX	100HA1A	5 W (Output Power)	
27145 kHz	FX	2K00A2N	5 W (Output Power)	
27155 kHz	FX	N0N	5 W (Output Power)	
27155 kHz	FX	100HA1A	5 W (Output Power)	
27155 kHz	FX	2K00A2N	5 W (Output Power)	
27165 kHz	FX	N0N	5 W (Output Power)	
27165 kHz	FX	100HA1A	5 W (Output Power)	
27165 kHz	FX	2K00A2N	5 W (Output Power)	
27175 kHz	FX	N0N	5 W (Output Power)	
27175 kHz	FX	100HA1A	5 W (Output Power)	
27175 kHz	FX	2K00A2N	5 W (Output Power)	
27185 kHz	FX	N0N	5 W (Output Power)	
27185 kHz	FX	100HA1A	5 W (Output Power)	
27185 kHz	FX	2K00A2N	5 W (Output Power)	
27195 kHz	FX	N0N	5 W (Output Power)	
27195 kHz	FX	100HA1A	5 W (Output Power)	
27195 kHz	FX	2K00A2N	5 W (Output Power)	
27205 kHz	FX	N0N	5 W (Output Power)	
27205 kHz	FX	100HA1A	5 W (Output Power)	
27205 kHz	FX	2K00A2N	5 W (Output Power)	
27215 kHz	FX	N0N	5 W (Output Power)	
27215 kHz	FX	100HA1A	5 W (Output Power)	
27215 kHz	FX	2K00A2N	5 W (Output Power)	
27225 kHz	FX	N0N	5 W (Output Power)	
27225 kHz	FX	100HA1A	5 W (Output Power)	
27225 kHz	FX	2K00A2N	5 W (Output Power)	
27235 kHz	FX	N0N	5 W (Output Power)	
27235 kHz	FX	100HA1A	5 W (Output Power)	

Frequency Information

WATERLOO (BLACK HAWK), IA - NL 42-28-02; WL 92-26-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27235 kHz	FX	2K00A2N	5 W (Output Power)	
27245 kHz	FX	N0N	5 W (Output Power)	
27245 kHz	FX	100HA1A	5 W (Output Power)	
27245 kHz	FX	2K00A2N	5 W (Output Power)	
27255 kHz	FX	N0N	5 W (Output Power)	
27255 kHz	FX	100HA1A	5 W (Output Power)	
27255 kHz	FX	2K00A2N	5 W (Output Power)	
27265 kHz	FX	N0N	5 W (Output Power)	
27265 kHz	FX	100HA1A	5 W (Output Power)	
27265 kHz	FX	2K00A2N	5 W (Output Power)	
27275 kHz	FX	N0N	5 W (Output Power)	
27275 kHz	FX	100HA1A	5 W (Output Power)	
27275 kHz	FX	2K00A2N	5 W (Output Power)	
27285 kHz	FX	N0N	5 W (Output Power)	
27285 kHz	FX	100HA1A	5 W (Output Power)	
27285 kHz	FX	2K00A2N	5 W (Output Power)	
27295 kHz	FX	N0N	5 W (Output Power)	
27295 kHz	FX	100HA1A	5 W (Output Power)	
27295 kHz	FX	2K00A2N	5 W (Output Power)	
27305 kHz	FX	N0N	5 W (Output Power)	
27305 kHz	FX	100HA1A	5 W (Output Power)	
27305 kHz	FX	2K00A2N	5 W (Output Power)	
27315 kHz	FX	N0N	5 W (Output Power)	
27315 kHz	FX	100HA1A	5 W (Output Power)	
27315 kHz	FX	2K00A2N	5 W (Output Power)	
27325 kHz	FX	N0N	5 W (Output Power)	
27325 kHz	FX	100HA1A	5 W (Output Power)	
27325 kHz	FX	2K00A2N	5 W (Output Power)	
27335 kHz	FX	N0N	5 W (Output Power)	
27335 kHz	FX	100HA1A	5 W (Output Power)	
27335 kHz	FX	2K00A2N	5 W (Output Power)	
27345 kHz	FX	N0N	5 W (Output Power)	
27345 kHz	FX	100HA1A	5 W (Output Power)	
27345 kHz	FX	2K00A2N	5 W (Output Power)	
27355 kHz	FX	N0N	5 W (Output Power)	
27355 kHz	FX	100HA1A	5 W (Output Power)	
27355 kHz	FX	2K00A2N	5 W (Output Power)	
27365 kHz	FX	N0N	5 W (Output Power)	
27365 kHz	FX	100HA1A	5 W (Output Power)	

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WATERLOO (BLACK HAWK), IA - NL 42-28-02; WL 92-26-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27365 kHz	FX	2K00A2N	5 W (Output Power)	
27375 kHz	FX	N0N	5 W (Output Power)	
27375 kHz	FX	100HA1A	5 W (Output Power)	
27375 kHz	FX	2K00A2N	5 W (Output Power)	
27385 kHz	FX	N0N	5 W (Output Power)	
27385 kHz	FX	100HA1A	5 W (Output Power)	
27385 kHz	FX	2K00A2N	5 W (Output Power)	
27395 kHz	FX	N0N	5 W (Output Power)	
27395 kHz	FX	100HA1A	5 W (Output Power)	
27395 kHz	FX	2K00A2N	5 W (Output Power)	
27405 kHz	FX	N0N	5 W (Output Power)	
27405 kHz	FX	100HA1A	5 W (Output Power)	
27405 kHz	FX	2K00A2N	5 W (Output Power)	
28000 kHz	FX	N0N	2000 W (ERP)	
28000 kHz	FX	100HA1A	2000 W (ERP)	
28000 kHz	FX	2K00A2N	2000 W (ERP)	
30 MHz	FX	N0N	2000 W (ERP)	
30 MHz	FX	100HA1A	2000 W (ERP)	
30 MHz	FX	2K00A2N	2000 W (ERP)	
31 MHz	FX	N0N	2000 W (ERP)	
31 MHz	FX	100HA1A	2000 W (ERP)	
31 MHz	FX	2K00A2N	2000 W (ERP)	
32 MHz	FX	N0N	2000 W (ERP)	
32 MHz	FX	100HA1A	2000 W (ERP)	
32 MHz	FX	2K00A2N	2000 W (ERP)	
33 MHz	FX	N0N	2000 W (ERP)	
33 MHz	FX	100HA1A	2000 W (ERP)	
33 MHz	FX	2K00A2N	2000 W (ERP)	
34 MHz	FX	N0N	2000 W (ERP)	
34 MHz	FX	100HA1A	2000 W (ERP)	
34 MHz	FX	2K00A2N	2000 W (ERP)	
35 MHz	FX	N0N	2000 W (ERP)	
35 MHz	FX	100HA1A	2000 W (ERP)	
35 MHz	FX	2K00A2N	2000 W (ERP)	
36 MHz	FX	N0N	2000 W (ERP)	
36 MHz	FX	100HA1A	2000 W (ERP)	
36 MHz	FX	2K00A2N	2000 W (ERP)	
37 MHz	FX	N0N	2000 W (ERP)	
37 MHz	FX	100HA1A	2000 W (ERP)	

Frequency Information

WATERLOO (BLACK HAWK), IA - NL 42-28-02; WL 92-26-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
37 MHz	FX	2K00A2N	2000 W (ERP)	
40 MHz	FX	N0N	2000 W (ERP)	
40 MHz	FX	100HA1A	2000 W (ERP)	
40 MHz	FX	2K00A2N	2000 W (ERP)	
41 MHz	FX	N0N	2000 W (ERP)	
41 MHz	FX	100HA1A	2000 W (ERP)	
41 MHz	FX	2K00A2N	2000 W (ERP)	
42 MHz	FX	N0N	2000 W (ERP)	
42 MHz	FX	100HA1A	2000 W (ERP)	
42 MHz	FX	2K00A2N	2000 W (ERP)	
43 MHz	FX	N0N	2000 W (ERP)	
43 MHz	FX	100HA1A	2000 W (ERP)	
43 MHz	FX	2K00A2N	2000 W (ERP)	
44 MHz	FX	N0N	2000 W (ERP)	
44 MHz	FX	100HA1A	2000 W (ERP)	
44 MHz	FX	2K00A2N	2000 W (ERP)	
45 MHz	FX	N0N	2000 W (ERP)	
45 MHz	FX	100HA1A	2000 W (ERP)	
45 MHz	FX	2K00A2N	2000 W (ERP)	
46 MHz	FX	N0N	2000 W (ERP)	
46 MHz	FX	100HA1A	2000 W (ERP)	
46 MHz	FX	2K00A2N	2000 W (ERP)	
47 MHz	FX	N0N	2000 W (ERP)	
47 MHz	FX	100HA1A	2000 W (ERP)	
47 MHz	FX	2K00A2N	2000 W (ERP)	
48 MHz	FX	N0N	2000 W (ERP)	
48 MHz	FX	100HA1A	2000 W (ERP)	
48 MHz	FX	2K00A2N	2000 W (ERP)	
49 MHz	FX	N0N	2000 W (ERP)	
49 MHz	FX	100HA1A	2000 W (ERP)	
49 MHz	FX	2K00A2N	2000 W (ERP)	
50 MHz	FX	N0N	2000 W (ERP)	
50 MHz	FX	100HA1A	2000 W (ERP)	
50 MHz	FX	2K00A2N	2000 W (ERP)	
51 MHz	FX	N0N	2000 W (ERP)	
51 MHz	FX	100HA1A	2000 W (ERP)	
51 MHz	FX	2K00A2N	2000 W (ERP)	
52 MHz	FX	N0N	2000 W (ERP)	
52 MHz	FX	100HA1A	2000 W (ERP)	

Frequency Information

WATERLOO (BLACK HAWK), IA - NL 42-28-02; WL 92-26-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
52 MHz	FX	2K00A2N	2000 W (ERP)	
53 MHz	FX	N0N	2000 W (ERP)	
53 MHz	FX	100HA1A	2000 W (ERP)	
53 MHz	FX	2K00A2N	2000 W (ERP)	
60-72 MHz	FX	N0N	2000 W (ERP)	
60-72 MHz	FX	2K00A2N	2000 W (ERP)	
76-88 MHz	FX	N0N	2000 W (ERP)	
76-88 MHz	FX	2K00A2N	2000 W (ERP)	
138 MHz	FX	N0N	2000 W (ERP)	
138 MHz	FX	2K00A2N	2000 W (ERP)	
140 MHz	FX	N0N	2000 W (ERP)	
140 MHz	FX	2K00A2N	2000 W (ERP)	
142 MHz	FX	N0N	2000 W (ERP)	
142 MHz	FX	2K00A2N	2000 W (ERP)	
144 MHz	FX	N0N	2000 W (ERP)	
144 MHz	FX	2K00A2N	2000 W (ERP)	
145 MHz	FX	N0N	2000 W (ERP)	
145 MHz	FX	2K00A2N	2000 W (ERP)	
148 MHz	FX	N0N	2000 W (ERP)	
148 MHz	FX	2K00A2N	2000 W (ERP)	
149 MHz	FX	N0N	2000 W (ERP)	
149 MHz	FX	2K00A2N	2000 W (ERP)	
150 MHz	FX	N0N	2000 W (ERP)	
150 MHz	FX	2K00A2N	2000 W (ERP)	
151 MHz	FX	N0N	2000 W (ERP)	
151 MHz	FX	2K00A2N	2000 W (ERP)	
152 MHz	FX	N0N	2000 W (ERP)	
152 MHz	FX	2K00A2N	2000 W (ERP)	
153 MHz	FX	N0N	2000 W (ERP)	
153 MHz	FX	2K00A2N	2000 W (ERP)	
154 MHz	FX	N0N	2000 W (ERP)	
154 MHz	FX	2K00A2N	2000 W (ERP)	
155 MHz	FX	N0N	2000 W (ERP)	
155 MHz	FX	2K00A2N	2000 W (ERP)	
156 MHz	FX	N0N	2000 W (ERP)	
156 MHz	FX	2K00A2N	2000 W (ERP)	
157 MHz	FX	N0N	2000 W (ERP)	
157 MHz	FX	2K00A2N	2000 W (ERP)	
158 MHz	FX	N0N	2000 W (ERP)	

Frequency Information

WATERLOO (BLACK HAWK), IA - NL 42-28-02; WL 92-26-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
158 MHz	FX	2K00A2N	2000 W (ERP)	
159 MHz	FX	N0N	2000 W (ERP)	
159 MHz	FX	2K00A2N	2000 W (ERP)	
160 MHz	FX	N0N	2000 W (ERP)	
160 MHz	FX	2K00A2N	2000 W (ERP)	
161 MHz	FX	N0N	2000 W (ERP)	
161 MHz	FX	2K00A2N	2000 W (ERP)	
162 MHz	FX	N0N	2000 W (ERP)	
162 MHz	FX	2K00A2N	2000 W (ERP)	
163 MHz	FX	N0N	2000 W (ERP)	
163 MHz	FX	2K00A2N	2000 W (ERP)	
164 MHz	FX	N0N	2000 W (ERP)	
164 MHz	FX	2K00A2N	2000 W (ERP)	
165 MHz	FX	N0N	2000 W (ERP)	
165 MHz	FX	2K00A2N	2000 W (ERP)	
166 MHz	FX	N0N	2000 W (ERP)	
166 MHz	FX	2K00A2N	2000 W (ERP)	
167 MHz	FX	N0N	2000 W (ERP)	
167 MHz	FX	2K00A2N	2000 W (ERP)	
168 MHz	FX	N0N	2000 W (ERP)	
168 MHz	FX	2K00A2N	2000 W (ERP)	
171 MHz	FX	N0N	2000 W (ERP)	
171 MHz	FX	2K00A2N	2000 W (ERP)	
180-186 MHz	FX	N0N	2000 W (ERP)	
180-186 MHz	FX	100HA1A	2000 W (ERP)	
180-186 MHz	FX	30K0P0N	2000 W (ERP)	
192-225 MHz	FX	N0N	2000 W (ERP)	
192-225 MHz	FX	100HA1A	2000 W (ERP)	
192-225 MHz	FX	30K0P0N	2000 W (ERP)	
250 MHz	FX	N0N	2000 W (ERP)	
250 MHz	FX	100HA1A	2000 W (ERP)	
250 MHz	FX	30K0P0N	2000 W (ERP)	
300 MHz	FX	N0N	2000 W (ERP)	
300 MHz	FX	100HA1A	2000 W (ERP)	
300 MHz	FX	30K0P0N	2000 W (ERP)	
350 MHz	FX	N0N	2000 W (ERP)	
350 MHz	FX	100HA1A	2000 W (ERP)	
350 MHz	FX	30K0P0N	2000 W (ERP)	
400 MHz	FX	N0N	2000 W (ERP)	

Frequency Information

WATERLOO (BLACK HAWK), IA - NL 42-28-02; WL 92-26-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
400 MHz	FX	100HA1A	2000 W (ERP)	
400 MHz	FX	30K0P0N	2000 W (ERP)	
420-450 MHz	FX	N0N	2000 W (ERP)	
420-450 MHz	FX	100HA1A	2000 W (ERP)	
420-450 MHz	FX	30K0P0N	2000 W (ERP)	
451 MHz	FX	N0N	2000 W (ERP)	
451 MHz	FX	100HA1A	2000 W (ERP)	
451 MHz	FX	30K0P0N	2000 W (ERP)	
452 MHz	FX	N0N	2000 W (ERP)	
452 MHz	FX	100HA1A	2000 W (ERP)	
452 MHz	FX	30K0P0N	2000 W (ERP)	
453 MHz	FX	N0N	2000 W (ERP)	
453 MHz	FX	100HA1A	2000 W (ERP)	
453 MHz	FX	30K0P0N	2000 W (ERP)	
455 MHz	FX	N0N	2000 W (ERP)	
455 MHz	FX	100HA1A	2000 W (ERP)	
455 MHz	FX	30K0P0N	2000 W (ERP)	
456 MHz	FX	N0N	2000 W (ERP)	
456 MHz	FX	100HA1A	2000 W (ERP)	
456 MHz	FX	30K0P0N	2000 W (ERP)	
457 MHz	FX	N0N	2000 W (ERP)	
457 MHz	FX	100HA1A	2000 W (ERP)	
457 MHz	FX	30K0P0N	2000 W (ERP)	
458 MHz	FX	N0N	2000 W (ERP)	
458 MHz	FX	100HA1A	2000 W (ERP)	
458 MHz	FX	30K0P0N	2000 W (ERP)	
460 MHz	FX	N0N	2000 W (ERP)	
460 MHz	FX	100HA1A	2000 W (ERP)	
460 MHz	FX	30K0P0N	2000 W (ERP)	
461 MHz	FX	N0N	2000 W (ERP)	
461 MHz	FX	100HA1A	2000 W (ERP)	
461 MHz	FX	30K0P0N	2000 W (ERP)	
462 MHz	FX	N0N	2000 W (ERP)	
462 MHz	FX	100HA1A	2000 W (ERP)	
462 MHz	FX	30K0P0N	2000 W (ERP)	
463 MHz	FX	N0N	2000 W (ERP)	
463 MHz	FX	100HA1A	2000 W (ERP)	
463 MHz	FX	30K0P0N	2000 W (ERP)	
464 MHz	FX	N0N	2000 W (ERP)	

Frequency Information

WATERLOO (BLACK HAWK), IA - NL 42-28-02; WL 92-26-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
464 MHz	FX	100HA1A	2000 W (ERP)	
464 MHz	FX	30K0P0N	2000 W (ERP)	
465 MHz	FX	N0N	2000 W (ERP)	
465 MHz	FX	100HA1A	2000 W (ERP)	
465 MHz	FX	30K0P0N	2000 W (ERP)	
466 MHz	FX	N0N	2000 W (ERP)	
466 MHz	FX	100HA1A	2000 W (ERP)	
466 MHz	FX	30K0P0N	2000 W (ERP)	
467 MHz	FX	N0N	2000 W (ERP)	
467 MHz	FX	100HA1A	2000 W (ERP)	
467 MHz	FX	30K0P0N	2000 W (ERP)	
468 MHz	FX	N0N	2000 W (ERP)	
468 MHz	FX	100HA1A	2000 W (ERP)	
468 MHz	FX	30K0P0N	2000 W (ERP)	
469 MHz	FX	N0N	2000 W (ERP)	
469 MHz	FX	100HA1A	2000 W (ERP)	
469 MHz	FX	30K0P0N	2000 W (ERP)	
470-578 MHz	FX	N0N	2000 W (ERP)	
470-578 MHz	FX	100HA1A	2000 W (ERP)	
470-578 MHz	FX	30K0P0N	2000 W (ERP)	
584-608 MHz	FX	N0N	2000 W (ERP)	
584-608 MHz	FX	100HA1A	2000 W (ERP)	
584-608 MHz	FX	30K0P0N	2000 W (ERP)	
614-776 MHz	FX	N0N	2000 W (ERP)	
614-776 MHz	FX	100HA1A	2000 W (ERP)	
614-776 MHz	FX	30K0P0N	2000 W (ERP)	
782-902 MHz	FX	N0N	2000 W (ERP)	
782-902 MHz	FX	100HA1A	2000 W (ERP)	
782-902 MHz	FX	30K0P0N	2000 W (ERP)	
905 MHz	FX	N0N	2000 W (ERP)	
905 MHz	FX	100HA1A	2000 W (ERP)	
905 MHz	FX	30K0P0N	2000 W (ERP)	
910 MHz	FX	N0N	2000 W (ERP)	
910 MHz	FX	100HA1A	2000 W (ERP)	
910 MHz	FX	30K0P0N	2000 W (ERP)	
915 MHz	FX	N0N	2000 W (ERP)	
915 MHz	FX	100HA1A	2000 W (ERP)	
915 MHz	FX	30K0P0N	2000 W (ERP)	
920 MHz	FX	N0N	2000 W (ERP)	

Frequency Information

WATERLOO (BLACK HAWK), IA - NL 42-28-02; WL 92-26-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
920 MHz	FX	100HA1A	2000 W (ERP)	
920 MHz	FX	30K0P0N	2000 W (ERP)	
925 MHz	FX	N0N	2000 W (ERP)	
925 MHz	FX	100HA1A	2000 W (ERP)	
925 MHz	FX	30K0P0N	2000 W (ERP)	
928-932 MHz	FX	N0N	2000 W (ERP)	
928-932 MHz	FX	100HA1A	2000 W (ERP)	
928-932 MHz	FX	30K0P0N	2000 W (ERP)	
935-960 MHz	FX	N0N	2000 W (ERP)	
935-960 MHz	FX	100HA1A	2000 W (ERP)	
935-960 MHz	FX	30K0P0N	2000 W (ERP)	

Special Conditions:

- (1) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.
- (2) The frequency 6000 kHz shall be operated during the hours of 0800-2200 UTC.
- (3) Operations on frequency 167 MHz are subject to prior coordination with Mr. Pat Roark, Department of Treasury, Phone (312) 886-0736 prior to activation.
- (4) Operation on 400 MHz is subject to coordination and scheduling with Ms Kay Metcalf, U.S. Dept. of Commerce-Suitland, Maryland (301) 457-5681.
- (5) Operation on 782-902 MHz is subject to consent of commercial licensee(s).