

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

EXPERIMENTAL
(Nature of Service)

KQ2XIT
(Call Sign)

XD FX MO
(Class of Station)

0151-EX-RR-2006
(File Number)

NAME MOTOROLA, 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. 5.3(i) of the Commission's Rules

Station Locations

- (1) Fort Lauderdale (BROWARD), FL - NL 26-08-51; WL 80-15-15; MOBILE:within 40 km
- (2) Boca Raton (PALM BEACH), FL - NL 26-21-54; WL 80-06-08; MOBILE:within 40 km
- (3) Coral Springs (BROWARD), FL - NL 26-16-21; WL 80-14-51; MOBILE:within 40 km

Frequency Information

Fort Lauderdale (BROWARD), FL - NL 26-08-51; WL 80-15-15; MOBILE:within 40 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
46.14 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	100 W (Output Power)	0.005 %
138-144 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D	100 W (ERP)	0.002 %

This authorization effective July 01, 2006 and
will expire 3:00 A.M. EST July 01, 2008

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Fort Lauderdale (BROWARD), FL - NL 26-08-51; WL 80-15-15; MOBILE:within 40 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
138-144 MHz	FX	20K0F3E	100 W (ERP)	0.002 %
148-174 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	100 W (ERP)	0.002 %
150.95 MHz	FX	20K0F1D 20K0F2D 20K0F3D	100 W (ERP)	0.002 %
152.84 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	100 W (ERP)	0.002 %
153.11 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	100 W (ERP)	0.002 %
153.32 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D	100 W (ERP)	0.002 %

Frequency Information

Fort Lauderdale (BROWARD), FL - NL 26-08-51; WL 80-15-15; MOBILE:within 40 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
153.32 MHz	FX	20K0F3E	100 W (ERP)	0.002 %
159.405 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E 20K0F7D	100 W (ERP)	0.002 %
159.42 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E 20K0F7D	100 W (ERP)	0.002 %
450-512 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	100 W (ERP)	0.002 %
451.65 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	100 W (ERP)	0.002 %
451.75 MHz	FX	20K0F1D	100 W (ERP)	0.002 %

Frequency Information

Fort Lauderdale (BROWARD), FL - NL 26-08-51; WL 80-15-15; MOBILE:within 40 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
451.75 MHz	FX	20K0F1E 20K0F2D 20K0F3D 20K0F3E	100 W (ERP)	0.002 %
453.435 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	100 W (ERP)	0.002 %
508.6875 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	100 W (ERP)	0.002 %
508.9875 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	100 W (ERP)	0.002 %
851.2625 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	100 W (Output Power)	0.002 %

Frequency Information

Fort Lauderdale (BROWARD), FL - NL 26-08-51; WL 80-15-15; MOBILE:within 40 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
854.9875 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	40 W (Output Power)	0.002 %
855.7375 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	40 W (Output Power)	0.002 %
856.3625 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	40 W (Output Power)	0.002 %
856.3875 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	40 W (Output Power)	0.002 %
856.9875 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	40 W (Output Power)	0.002 %

Frequency Information

Fort Lauderdale (BROWARD), FL - NL 26-08-51; WL 80-15-15; MOBILE:within 40 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
857.3875 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	40 W (Output Power)	0.002 %
858.3875 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	40 W (Output Power)	0.002 %
859.3875 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	40 W (Output Power)	0.002 %
860.3625 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	40 W (Output Power)	0.002 %
860.3875 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	40 W (Output Power)	0.002 %

Frequency Information

Fort Lauderdale (BROWARD), FL - NL 26-08-51; WL 80-15-15; MOBILE:within 40 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
860.7625 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	1000 W (ERP)	0.002 %
864.05-868.15 MHz	FX	120KF1D 120KF1E	1 W (ERP)	0.0015 %
866.0125-868.0125 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	1000 W (ERP)	0.0015 %
869.9875 MHz	FX	20K0F1D 20K0F3E	1000 W (ERP)	0.002 %
929-932 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	1000 W (ERP)	0.0015 %
935-941 MHz	FX	16K0F3E 20K0F1D 20K0F1E	1000 W (ERP)	0.002 %

Frequency Information

Fort Lauderdale (BROWARD), FL - NL 26-08-51; WL 80-15-15; MOBILE:within 40 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
935-941 MHz	FX	20K0F2D	1000 W (ERP)	0.002 %

Boca Raton (PALM BEACH), FL - NL 26-21-54; WL 80-06-08; MOBILE:within 40 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
46.14 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	100 W (Output Power)	0.005 %
138-144 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	100 W (ERP)	0.002 %
148-174 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	100 W (ERP)	0.002 %
150.95 MHz	FX	20K0F1D 20K0F2D 20K0F3D	100 W (ERP)	0.002 %

Frequency Information

Boca Raton (PALM BEACH), FL - NL 26-21-54; WL 80-06-08; MOBILE:within 40 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
152.84 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	100 W (ERP)	0.002 %
153.11 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	100 W (ERP)	0.002 %
153.32 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	100 W (ERP)	0.002 %
159.405 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E 20K0F7D	100 W (ERP)	0.002 %
159.42 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	100 W (ERP)	0.002 %

Frequency Information

Boca Raton (PALM BEACH), FL - NL 26-21-54; WL 80-06-08; MOBILE:within 40 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
159.42 MHz	FX	20K0F7D	100 W (ERP)	0.002 %
450-512 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	100 W (ERP)	0.002 %
451.65 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	100 W (ERP)	0.002 %
451.75 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	100 W (ERP)	0.002 %
453.435 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	100 W (ERP)	0.002 %
508.6875 MHz	FX	20K0F1D 20K0F1E 20K0F2D	100 W (ERP)	0.002 %

Frequency Information

Boca Raton (PALM BEACH), FL - NL 26-21-54; WL 80-06-08; MOBILE:within 40 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
508.6875 MHz	FX	20K0F3D 20K0F3E	100 W (ERP)	0.002 %
508.9875 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	100 W (ERP)	0.002 %
851.2625 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	100 W (Output Power)	0.002 %
854.9875 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	40 W (Output Power)	0.002 %
855.7375 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	40 W (Output Power)	0.002 %
856.3625 MHz	FX	20K0F1D 20K0F1E	40 W (Output Power)	0.002 %

Frequency Information

Boca Raton (PALM BEACH), FL - NL 26-21-54; WL 80-06-08; MOBILE:within 40 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
856.3625 MHz	FX	20K0F2D 20K0F3D 20K0F3E	40 W (Output Power)	0.002 %
856.3875 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	40 W (Output Power)	0.002 %
856.9875 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	40 W (Output Power)	0.002 %
857.3875 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	40 W (Output Power)	0.002 %
858.3875 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	40 W (Output Power)	0.002 %
859.3875 MHz	FX	20K0F1D	40 W (Output Power)	0.002 %

Frequency Information

Boca Raton (PALM BEACH), FL - NL 26-21-54; WL 80-06-08; MOBILE:within 40 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
859.3875 MHz	FX	20K0F1E 20K0F2D 20K0F3D 20K0F3E	40 W (Output Power)	0.002 %
860.3625 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	40 W (Output Power)	0.002 %
860.3875 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	40 W (Output Power)	0.002 %
860.7625 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	1000 W (ERP)	0.002 %
864.05-868.15 MHz	FX	120KF1D 120KF1E	1 W (ERP)	0.0015 %
866.0125-868.0125 MHz	FX	20K0F1D 20K0F1E 20K0F2D	1000 W (ERP)	0.0015 %

Frequency Information

Boca Raton (PALM BEACH), FL - NL 26-21-54; WL 80-06-08; MOBILE:within 40 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
866.0125-868.0125 MHz	FX	20K0F3D 20K0F3E	1000 W (ERP)	0.0015 %
869.9875 MHz	FX	20K0F1D 20K0F3E	1000 W (ERP)	0.002 %
929-932 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	1000 W (ERP)	0.0015 %
935-941 MHz	FX	16K0F3E 20K0F1D 20K0F1E 20K0F2D	1000 W (ERP)	0.002 %

Coral Springs (BROWARD), FL - NL 26-16-21; WL 80-14-51; MOBILE:within 40 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
46.14 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	100 W (Output Power)	0.005 %

Frequency Information

Coral Springs (BROWARD), FL - NL 26-16-21; WL 80-14-51; MOBILE:within 40 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
138-144 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	100 W (ERP)	0.002 %
148-174 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	100 W (ERP)	0.002 %
150.95 MHz	FX	20K0F1D 20K0F2D 20K0F3D	100 W (ERP)	0.002 %
152.84 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	100 W (ERP)	0.002 %
153.11 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	100 W (ERP)	0.002 %
153.32 MHz	FX	20K0F1D	100 W (ERP)	0.002 %

Frequency Information

Coral Springs (BROWARD), FL - NL 26-16-21; WL 80-14-51; MOBILE:within 40 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
153.32 MHz	FX	20K0F1E 20K0F2D 20K0F3D 20K0F3E	100 W (ERP)	0.002 %
159.405 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E 20K0F7D	100 W (ERP)	0.002 %
159.42 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E 20K0F7D	100 W (ERP)	0.002 %
450-512 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	100 W (ERP)	0.002 %
451.65 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D	100 W (ERP)	0.002 %

Frequency Information

Coral Springs (BROWARD), FL - NL 26-16-21; WL 80-14-51; MOBILE:within 40 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
451.65 MHz	FX	20K0F3E	100 W (ERP)	0.002 %
451.75 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	100 W (ERP)	0.002 %
453.435 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	100 W (ERP)	0.002 %
508.6875 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	100 W (ERP)	0.002 %
508.9875 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	100 W (ERP)	0.002 %
851.2625 MHz	FX	20K0F1D 20K0F1E 20K0F2D	100 W (Output Power)	0.002 %

Frequency Information

Coral Springs (BROWARD), FL - NL 26-16-21; WL 80-14-51; MOBILE:within 40 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
851.2625 MHz	FX	20K0F3D 20K0F3E	100 W (Output Power)	0.002 %
854.9875 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	40 W (Output Power)	0.002 %
855.7375 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	40 W (Output Power)	0.002 %
856.3625 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	40 W (Output Power)	0.002 %
856.3875 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	40 W (Output Power)	0.002 %
856.9875 MHz	FX	20K0F1D 20K0F1E	40 W (Output Power)	0.002 %

Frequency Information

Coral Springs (BROWARD), FL - NL 26-16-21; WL 80-14-51; MOBILE:within 40 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
856.9875 MHz	FX	20K0F2D 20K0F3D 20K0F3E	40 W (Output Power)	0.002 %
857.3875 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	40 W (Output Power)	0.002 %
858.3875 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	40 W (Output Power)	0.002 %
859.3875 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	40 W (Output Power)	0.002 %
860.3625 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	40 W (Output Power)	0.002 %
860.3875 MHz	FX	20K0F1D	40 W (Output Power)	0.002 %

Frequency Information

Coral Springs (BROWARD), FL - NL 26-16-21; WL 80-14-51; MOBILE:within 40 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
860.3875 MHz	FX	20K0F1E 20K0F2D 20K0F3D 20K0F3E	40 W (Output Power)	0.002 %
860.7625 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	1000 W (ERP)	0.002 %
864.05-868.15 MHz	FX	120KF1D 120KF1E	1 W (ERP)	0.0015 %
866.0125-868.0125 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D 20K0F3E	1000 W (ERP)	0.0015 %
869.9875 MHz	FX	20K0F1D 20K0F3E	1000 W (ERP)	0.002 %
929-932 MHz	FX	20K0F1D 20K0F1E 20K0F2D 20K0F3D	1000 W (ERP)	0.0015 %

Frequency Information

Coral Springs (BROWARD), FL - NL 26-16-21; WL 80-14-51; MOBILE:within 40 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
929-932 MHz	FX	20K0F3E	1000 W (ERP)	0.0015 %
935-941 MHz	FX	16K0F3E 20K0F1D 20K0F1E 20K0F2D	1000 W (ERP)	0.002 %

Special Conditions:

- (1) Any transmissions affecting frequency bands 157.2-157.425 and 161.8-162.025 MHz should first be coordinated with auction licensee MariTEL Southern Atlantic, Inc., c/o Mintz Levin et al; 701 Pennsylvania Ave., NW, Washington, DC 20004, Attn: Russell H. Fox Phone (202) 434-7483.
- (2) Transmissions on frequencies allocated to Part 90 Public Safety or Business Industrial services should be coordinated with the designated frequency coordinator.
- (3) Transmissions on frequencies allocated to the part 74 broadcast auxiliary service should be coordinated with the local Society of Broadcast Engineers (SBE) coordinator.
- (4) Operation in the frequency bands 138-144 MHz and 148-174 MHz is subject to prior coordination with the Eastern Area Frequency Coordinator at (321) 494-5838.
- (5) Licensee should be aware that US Army, US Navy and Federal Aviation Administration stations are licensed in the frequency bands 138-144 MHz and 148-174 MHz, and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.