

EXHIBIT 1

Particulars of Operation

Fixed Transmitters

- ☐ Frequency of operation for one way messaging will be:

279.425 MHz	279.9125 MHz	281.125 MHz	281.5875 MHz	285.125 MHz	285.9125 MHz
279.525 MHz	279.9375 MHz	281.225 MHz	281.6125 MHz	285.225 MHz	285.9375 MHz
279.625 MHz	279.9625 MHz	281.325 MHz	281.6375 MHz	285.325 MHz	285.9625 MHz
279.725 MHz	279.9875 MHz	281.425 MHz	281.6625 MHz	285.425 MHz	285.9875 MHz

- ☐ Maximum transmitter output power: 300 watts (peak).
☐ Effective Radiated Power not to exceed 3500 watts.
☐ Emissions to be 16K0F1D, 16K0F3E, 15K0F2D, 8K00F1D, 6K40F1D.
☐ Maximum data signaling speed in all cases to be 6400 BPS.
☐ Maximum audio frequency in all cases to be 3200 Hz.
☐ Frequency deviation not to exceed ± 4800 Hz.
☐ Transmit frequency bandwidth required: 25 KHz
☐ Fixed transmitters to be located at the following coordinates:

SITE	ADDRESS	LATITUDE	LONGITUDE
MOTOROLA	5401 N. Beach. St. Ft. Worth, TX 76137	N 32° 50' 44"	W 97° 17' 36"
BERGH TOWER #4	1450 Westpark Way Euless, TX 76040	N 32° 48' 55"	W 97° 07' 20"
BERGH TOWER #2	510 Prairie St. 2651 N. Collins St Arlington, TX	N 32° 44' 22" 32 46 25	W 97° 06' 43" 97 05 47
ANDREW TOWER	5900 Lower Birdville Haltom City, TX 76117	N 32° 47' 13"	W 97° 15' 54"
BASS BLDG #2	301 Commerce St. Ft. Worth, TX	N 32° 45' 01"	W 97° 20' 03"
COLLEYVILLE P.D.	5201 Bransford Rd Colleyville, TX 76034	N 32° 53' 06"	W 97° 09' 37"

Portable Transmitters

- ☐ The number of portable transmitters any one city would never exceed 50 units.
☐ Frequency of operation is:

925.20625 MHz	926.24375 MHz	928.20625 MHz	929.24375 MHz
925.24375 MHz	927.20625 MHz	928.24375 MHz	
926.20625 MHz	927.24375 MHz	929.20625 MHz	

- ☐ Power not to exceed 1 watt ERP.
☐ Emissions to be 10K0F1D.
☐ Maximum data signaling speed in all cases to be 9600 BPS.

need 2/14/97

need 4 freqs close together

3 gpus not coord because
HFW said they likely
interference

radius of
ops
approx
5 mi.

7km } 20km
16km }

3 sites cancelled at
applicant's request -
telcon w/ David Ther.

DY

□ Frequency deviation not to exceed ± 4800 Hz.

EXHIBIT 2

The intent of this application is to provide for the conduction of experiments pertaining to the development of products and techniques intended for the two-way paging and messaging industry for future sales in the countries of China, Taiwan, and Hong Kong. These experiments will be conducted at sites specified in Exhibit 1 (attached). Motorola's goal, then, is to develop, test, and successfully implement a fully functional messaging system in actual field-level environments. This will demonstrate the functionality of equipment and messaging transmission techniques applicable to the 280 MHz two-way messaging service for use in the foreign countries mentioned.

Motorola AMG is requesting use of the frequencies detailed in Exhibit 1. Each of the ~~5~~³ fixed transmitters will operate on only 1 of the 20 requested frequencies. If field level system testing results in the generation of interference to existing users, the fixed transmitter (along with associated peripherals) can be re-tuned to one of the other 15 frequencies. This will allow Motorola to continue development operations while avoiding any interference with other users.

This is pursuant to Part 5.202 of the Commissions rules.

EXHIBIT 3

The proposed development system is not operational in any location at this time. If any proposed antennas were to extend more than 6 meters above the ground, or extended more than 6 meters above any building, we would analyze the proposed antenna structure pursuant to Part 17, Subpart B, to determine if notification to the FAA is required.