

**EXHIBIT C**

**SUPPLEMENTAL TECHNICAL INFORMATION**

**Locations:**

| Location No. 1:                                                                                                                           | Location No. 2:                                                                                                                                                       | Location No. 3:                                                                                                                                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sterling (Whiteside), Illinois<br>Fixed Base Station at<br>North Latitude 41 deg 47' 18"<br>West Longitude 89 deg 32' 04"<br>Datum: NAD83 | San Diego (San Diego), California<br>Temporary Fixed Base Station<br>within 1 km of<br>North Latitude 32 deg 42' 31"<br>West Longitude 117 deg 9' 50"<br>Datum: NAD83 | Sterling (Whiteside), Illinois<br>Temporary Fixed Base Station<br>within 10 km of<br>North Latitude 41 deg 47' 18.0"<br>West Longitude 89 deg 32' 04.0"<br>Datum: NAD83 |

1. Television channel number(s):

Channels 59, 60 and 61: 740-758 MHz  
Channels 64, 65 and 66: 770-788 MHz

2. Base state antenna location site elevation above mean sea level in meters:

Location No. 1: 211.2 m  
Location No. 2: 5 m  
Location No. 3: 211.2 (maximum)

3. Overall tower height above ground level/above average terrain in meters:

Location No. 1: AGL: 76.2 m; HAAT: 70.4 m  
Location No. 2: AGL: 60.0 m; HAAT: -45.0 m (maximum)  
Location No. 3: AGL: 76.2 m; HAAT: 70.4 m (maximum)

4. Height of radiation center above ground level in meters:

Location No. 1: 74.7 m  
Location No. 2: 55.0 m (maximum)  
Location No. 3: 74.7 m (maximum)

5. Maximum effective radiated power in kilowatts (Peak):

Location No. 1: 0.0020 kW (fixed); 0.000500 kW (mobile)  
 Location No. 2: 0.0005 kW (fixed); 0.000500 kW (mobile)  
 Location No. 3: 0.0020 kW (fixed); 0.000500 kW (mobile)

6. Transmitter output power in kilowatts:

Location No. 1: 0.0002 kW (fixed); 0.000250 kW (mobile)  
 Location No. 2: 0.0002 kW (fixed); 0.000250 kW (mobile)  
 Location No. 3: 0.0002 kW (fixed); 0.000250 kW (mobile)

7. Verify that the antenna is nondirectional (if directional, please report the directional antenna's relative field value at every 10 degrees from 0 through 350 degrees):

Location No. 1: The antenna pattern at this location is omnidirectional.  
 Location No. 2: Motorola proposes to use a directional antenna for the test and demonstration at this location. Specifically, it proposes to deploy an RFS BPS10-D 120 degree beamwidth directional antenna with a peak lobe gain of 14.3 dBd. The antenna will have an azimuth of 90 (pointing due East) an electrical downtilt of 1 degree. The gain data below data, if referenced to the peak gain, and the field values over land are as follows:

| Degrees | Gain (dB) | Degrees | Gain (dB) |
|---------|-----------|---------|-----------|
| 0       | 0         | 180     | -15.3     |
| 10      | -0.1      | 190     | -15.3     |
| 20      | -0.29     | 200     | -15.5     |
| 30      | -0.8      | 210     | -15.2     |
| 40      | -1.39     | 220     | -13.7     |
| 50      | -2.2      | 230     | -12.3     |
| 60      | -3        | 240     | -10.8     |
| 70      | -4        | 250     | -9.2      |
| 80      | -5.1      | 260     | -7.7      |
| 90      | -6.3      | 270     | -6.3      |
| 100     | -7.7      | 280     | -5.1      |
| 110     | -9.2      | 290     | -4        |
| 120     | -10.8     | 300     | -3        |
| 130     | -12.3     | 310     | -2.2      |
| 140     | -13.7     | 320     | -1.4      |
| 150     | -15.2     | 330     | -0.8      |
| 160     | -15.5     | 340     | -0.3      |
| 170     | -15.3     | 350     | -0.1      |

Location No. 3: The antenna patterns at these locations are omnidirectional

8. If the emissions are digital, then report the out-of-band emission mask (simple or stringent).

Simple mask. The emissions designator is 10M0W7D.

9. If the emissions are analog, then report the frequency offset (zero, plus, minus or none).

The emissions are digital.

Consistent with its practice in connection with similar requests for experimental authority, Motorola will obtain approval from the Society for Broadcast Engineers ("SBE") for its tests prior to commencing any operation.

12909728.2