

EXHIBIT C

SUPPLEMENTAL TECHNICAL INFORMATION

Locations:

Location No. 1: Sterling, Illinois Single Fixed Base Station at North Latitude 41 deg 47' 18" West Longitude 89 deg 32' 04" Datum: NAD83	Location No. 2: San Diego, California Temporary Fixed Location within 1 km of North Latitude 32 deg 42' 31" West Longitude 117 deg 9' 50" Datum: NAD83
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1. Television channel number(s):

Channels 59 and 60: 740-752 MHz
Channels 64 and 65: 770-782 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

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: 30.0 m; HAAT: -15.0 m (maximum)

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

Location No. 1: 74.7 m
Location No. 2: 25.0 m (maximum)

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

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

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

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.