

Confirmation Number: EL#####
[Reference Number: 4324]

Answer for the following 10 questions are below for each channel block.

1. Channel number.
2. Antenna location site elevation above mean sea level in meters.
3. Overall tower height above ground level in meters.
4. Height of radiation center above ground level in meters.
5. Maximum effective radiated power in kilowatts.
6. Transmitter output power in kilowatts.
7. Verify that the antenna is nondirectional.
8. If the antenna is directional, report the relative field values starting at 0 through 350 every 10 degrees.
9. If the emissions are digital, then report the out-of-band emission mask (simple or stringent).
10. If the emissions are analog, then report the frequency offset (zero, plus, minus or none).

1. Channel number.
31 and 32

2. Antenna location site elevation above mean sea level in meters.
Building AR AMSL =33.53m
Building X AMSL=111.25m

3. Overall tower height above ground level in meters.
Building AR AGL=13.72m
Building X AGL=9.14m

4. Height of radiation center above ground level in meters.
Building AR RC_AMSL=47.24m
Building X RC_AMSL=120.4m

5. Maximum effective radiated power in kilowatts.
200W = 0.2kW ERP

6. Transmitter output power in kilowatts.
31.7W = 0.037kW

7. Verify that the antenna is nondirectional.
Directional antenna

8. If the antenna is directional, report the relative field values starting at 0 through 350 every 10 degrees.

Building AR :angle=0 Rel.FS=0.01
Building AR :angle=10 Rel.FS=0.01
Building AR :angle=20 Rel.FS=0.01
Building AR :angle=30 Rel.FS=0.01
Building AR :angle=40 Rel.FS=0.01
Building AR :angle=50 Rel.FS=0.01
Building AR :angle=60 Rel.FS=0.086
Building AR :angle=70 Rel.FS=0.361
Building AR :angle=80 Rel.FS=0.622
Building AR :angle=90 Rel.FS=0.812

Building AR :angle=100 Rel.FS=0.947
Building AR :angle=110 Rel.FS=0.01
Building AR :angle=120 Rel.FS=1
Building AR :angle=130 Rel.FS=0.947
Building AR :angle=140 Rel.FS=0.812
Building AR :angle=150 Rel.FS=0.622
Building AR :angle=160 Rel.FS=0.361
Building AR :angle=170 Rel.FS=0.086
Building AR :angle=180 Rel.FS=0.01
Building AR :angle=190 Rel.FS=0.01
Building AR :angle=200 Rel.FS=0.01
Building AR :angle=210 Rel.FS=0.01
Building AR :angle=220 Rel.FS=0.01
Building AR :angle=230 Rel.FS=0.01
Building AR :angle=240 Rel.FS=0.01
Building AR :angle=250 Rel.FS=0.01
Building AR :angle=260 Rel.FS=0.01
Building AR :angle=270 Rel.FS=0.01
Building AR :angle=280 Rel.FS=0.01
Building AR :angle=290 Rel.FS=0.01
Building AR :angle=300 Rel.FS=0.01
Building AR :angle=310 Rel.FS=0.01
Building AR :angle=320 Rel.FS=0.01
Building AR :angle=330 Rel.FS=0.01
Building AR :angle=340 Rel.FS=0.01
Building AR :angle=350 Rel.FS=0.01

Building X :angle=0 Rel.FS=0.01
Building X :angle=10 Rel.FS=0.01
Building X :angle=20 Rel.FS=0.01
Building X :angle=30 Rel.FS=0.01
Building X :angle=40 Rel.FS=0.01
Building X :angle=50 Rel.FS=0.01
Building X :angle=60 Rel.FS=0.01
Building X :angle=70 Rel.FS=0.01
Building X :angle=80 Rel.FS=0.01
Building X :angle=90 Rel.FS=0.01
Building X :angle=100 Rel.FS=0.01
Building X :angle=110 Rel.FS=0.01
Building X :angle=120 Rel.FS=0.01
Building X :angle=130 Rel.FS=0.01
Building X :angle=140 Rel.FS=0.01
Building X :angle=150 Rel.FS=0.01
Building X :angle=160 Rel.FS=0.01
Building X :angle=170 Rel.FS=0.01
Building X :angle=180 Rel.FS=0.01
Building X :angle=190 Rel.FS=0.086
Building X :angle=200 Rel.FS=0.361
Building X :angle=210 Rel.FS=0.622
Building X :angle=220 Rel.FS=0.812
Building X :angle=230 Rel.FS=0.947
Building X :angle=240 Rel.FS=1
Building X :angle=250 Rel.FS=0.947
Building X :angle=260 Rel.FS=0.812
Building X :angle=270 Rel.FS=0.622
Building X :angle=280 Rel.FS=0.361
Building X :angle=290 Rel.FS=0.086

Building X :angle=300 Rel.FS=0.01
Building X :angle=310 Rel.FS=0.01
Building X :angle=320 Rel.FS=0.01
Building X :angle=330 Rel.FS=0.01
Building X :angle=340 Rel.FS=0.01
Building X :angle=350 Rel.FS=0.01

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

Digital in accordance with section 27.53(f) of the FCC rules

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

Please report the following for each television channel you are requesting to use:

1. Channel number.

44 and 45

2. Antenna location site elevation above mean sea level in meters.

Building AR AMSL =33.53m

Building E AMSL=118m

Building X AMSL=111.25m

3. Overall tower height above ground level in meters.

Building AR AGL=13.72m

Building E AGL=9.14m

Building X AGL=9.14m

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

Building AR RC_AMSL=47.24m

Building E RC_AMSL=127.14m

Building X RC_AMSL=120.4m

5. Maximum effective radiated power in kilowatts.

200W = 0.2kW ERP

6. Transmitter output power in kilowatts.

31.7W = 0.037kW

7. Verify that the antenna is nondirectional.

Directional antenna

8. If the antenna is directional, report the relative field values starting at 0 through 350 every 10 degrees.

Building AR :angle=0 Rel.FS=0.01

Building AR :angle=10 Rel.FS=0.01

Building AR :angle=20 Rel.FS=0.01

Building AR :angle=30 Rel.FS=0.01

Building AR :angle=40 Rel.FS=0.01

Building AR :angle=50 Rel.FS=0.01

Building AR :angle=60 Rel.FS=0.086

Building AR :angle=70 Rel.FS=0.361

Building AR :angle=80 Rel.FS=0.622

Building AR :angle=90 Rel.FS=0.812

Building AR :angle=100 Rel.FS=0.947

Building AR :angle=110 Rel.FS=0.01

Building AR :angle=120 Rel.FS=1

Building AR :angle=130 Rel.FS=0.947

Building AR :angle=140 Rel.FS=0.812

Building AR :angle=150 Rel.FS=0.622

Building AR :angle=160 Rel.FS=0.361

Building AR :angle=170 Rel.FS=0.086

Building AR :angle=180 Rel.FS=0.01

Building AR :angle=190 Rel.FS=0.01

Building AR :angle=200 Rel.FS=0.01

Building AR :angle=210 Rel.FS=0.01

Building AR :angle=220 Rel.FS=0.01

Building AR :angle=230 Rel.FS=0.01

Building AR :angle=240 Rel.FS=0.01
Building AR :angle=250 Rel.FS=0.01
Building AR :angle=260 Rel.FS=0.01
Building AR :angle=270 Rel.FS=0.01
Building AR :angle=280 Rel.FS=0.01
Building AR :angle=290 Rel.FS=0.01
Building AR :angle=300 Rel.FS=0.01
Building AR :angle=310 Rel.FS=0.01
Building AR :angle=320 Rel.FS=0.01
Building AR :angle=330 Rel.FS=0.01
Building AR :angle=340 Rel.FS=0.01
Building AR :angle=350 Rel.FS=0.01

Building E :angle=0 Rel.FS=0.812
Building E :angle=10 Rel.FS=0.947
Building E :angle=20 Rel.FS=1
Building E :angle=30 Rel.FS=0.947
Building E :angle=40 Rel.FS=0.812
Building E :angle=50 Rel.FS=0.622
Building E :angle=60 Rel.FS=0.361
Building E :angle=70 Rel.FS=0.086
Building E :angle=80 Rel.FS=0.01
Building E :angle=90 Rel.FS=0.01
Building E :angle=100 Rel.FS=0.01
Building E :angle=110 Rel.FS=0.01
Building E :angle=120 Rel.FS=0.01
Building E :angle=130 Rel.FS=0.01
Building E :angle=140 Rel.FS=0.01
Building E :angle=150 Rel.FS=0.01
Building E :angle=160 Rel.FS=0.01
Building E :angle=170 Rel.FS=0.01
Building E :angle=180 Rel.FS=0.01
Building E :angle=190 Rel.FS=0.01
Building E :angle=200 Rel.FS=0.01
Building E :angle=210 Rel.FS=0.01
Building E :angle=220 Rel.FS=0.01
Building E :angle=230 Rel.FS=0.01
Building E :angle=240 Rel.FS=0.01
Building E :angle=250 Rel.FS=0.01
Building E :angle=260 Rel.FS=0.01
Building E :angle=270 Rel.FS=0.01
Building E :angle=280 Rel.FS=0.01
Building E :angle=290 Rel.FS=0.01
Building E :angle=300 Rel.FS=0.01
Building E :angle=310 Rel.FS=0.01
Building E :angle=320 Rel.FS=0.01
Building E :angle=330 Rel.FS=0.086
Building E :angle=340 Rel.FS=0.361
Building E :angle=350 Rel.FS=0.622

Building X :angle=0 Rel.FS=0.01
Building X :angle=10 Rel.FS=0.01
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 Building X :angle=310 Rel.FS=0.01
 Building X :angle=320 Rel.FS=0.01
 Building X :angle=330 Rel.FS=0.01
 Building X :angle=340 Rel.FS=0.01
 Building X :angle=350 Rel.FS=0.01

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

Digital in accordance with section 27.53(f) of the FCC rules

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

1. Channel number.

49 and 50

2. Antenna location site elevation above mean sea level in meters.

Building AR AMSL =33.53m

Building X AMSL=111.25m

3. Overall tower height above ground level in meters.

Building AR AGL=13.72m

Building X AGL=9.14m

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

Building AR RC_AMSL=47.24m

Building X RC_AMSL=120.4m

5. Maximum effective radiated power in kilowatts.

200W = 0.2kW ERP

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Building X :angle=90 Rel.FS=0.01

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Building X :angle=140 Rel.FS=0.01
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Building X :angle=340 Rel.FS=0.01
Building X :angle=350 Rel.FS=0.01

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

Digital in accordance with section 27.53(f) of the FCC rules

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