director, attributable stockholder or key management personnel of the applicant. Applicants should be aware that the Commission recently amended its rules to (1) exempt from attribution certain insulated limited partnership interests held by institutional investors; and (2) increase from five to ten percent the level at which institutional investors' PCS license ownership interests will be attributed. *See Memorandum Opinion and Order*, GN Docket No. 90-314, FCC 95-92 (Released March 3, 1995), 60 Fed. Reg. 13,915 (March 15, 1995). Additionally, Section 24.813(a)(2) was modified to provide that only institutional investors holding interests of ten percent or more in the applicant have to disclose their holdings in the applicant.

Also, in a separate *Order* released March 22, 1995, the Wireless Telecommunications Bureau has waived the existing Section 24.813(a) disclosure requirements with respect to outside interests held by applicants or investors in businesses that are *not* land mobile services regulated as Commercial Mobile Radio Service (CMRS) and Private Mobile Radio Service (PMRS). *See Order,* DA No. 95-507, (Released March 22, 1995). *See also* 47 C.F.R. § 20.3 (defining CMRS and PMRS); *Second Report and Order*, GN Docket No. 93-252, 9 FCC Rcd 1411 (1994), *erratum*, Mimeo No. 92486 (Released March 30, 1994).

*Instructions*

Attach the information, certified as truthful, that is required pursuant to Section 24.813(a)(1)-(4) of the Commission's Rules, 47 C.F.R. § 24.813(a)(1)-(4), concerning the identity of the applicant (*i.e.,* real party or parties-in-interest) and ownership interests held in the applicant and in investors in the applicant. A suggested format for providing the ownership information required by Section 24.813(a)(1)-(4) is set forth in Attachments B and C to this Public Notice. If applicants choose to follow the format in Attachments B and C, but want to supplement their responses on additional pages (*i.e,* because there is not enough space), they may do so. Please clearly label additional pages to indicate the Exhibit and Item number (*See* below) to which those pages relate. A further explanation of the information requested follows (*See also* Attachments B and C to this Public Notice):

**Ownership Exhibit A**

First, attach and label as **Ownership Exhibit A**, a document or series of documents that identifies all persons or entities that *directly* hold a five percent or more interest in the applicant (except that institutional investors only need be listed when their *direct* interest in the applicant is 10 percent or more). For each five (or ten) percent interest holder listed, applicants should provide the following information (*See* Attachment B):

*Item (1)* <u>*Name and address*</u>*:* Identify the name and address of the interest holder in the applicant. If the interest holder is an individual, provide the name and address of that person, and indicate whether the interest holder is a partner, officer, director, or key manager (*e.g,* CEO, General Manager) of the applicant. If the interest holder is a corporation, provide the name and address of the corporate office and the name and title of an officer, director or

authorized contact. If the interest holder is a partnership, provide the name and address of all partners, or the name, title and address of an authorized contact for the partnership.

*Item (2)* *Relationship to Other Interest Holder:* Indicate whether the interest holder is related to any other five percent interest holder by blood or marriage, and provide the name of the related interest holder.

*Item (3)* *Citizenship:* Indicate whether the interest holder is a U.S citizen or U.S. corporation. If the interest holder is a partnership, indicate whether each partner is a U.S. citizen. Applicants should list all foreign partners regardless of whether they are general or limited partners, except that applicants need not list a limited partner: (1) whose level of ownership in the licensee does not exceed the level allowed by Section 310(b); and (2) who is "insulated" from the management and control of the partnership. *See Wilner and Scheiner*, 103 FCC 2d 511 (1985), *recon. granted in part,* 1 FCC Rcd 12 (1986); *First Report and Order* in GN Docket No. 93-252, 9 FCC Rcd 1056, 59 Fed. Reg. 1,285 (Jan. 10, 1994) at ¶ 9 and n. 13. *See also Memorandum Opinion and Order*, GN Docket No. 90-314, FCC 95-92 (Released March 3, 1995), 60 Fed. Reg. 13,915 (March 15, 1995) at ¶ 11. Also, if an interest holder is an alien, check your response to Items 29-33 on the main FCC Form 600. The level of alien ownership in an applicant can trigger the need to attach a separate exhibit explaining the nature and extent of alien or foreign ownership. *See* 47 U.S.C. § 310(b)(3)-(4). If such an exhibit is needed, attach as part of the main FCC Form 600 exhibits, and as indicated in the instructions to the FCC Form 600.

*Item (4)* *Principal Business:* Describe the interest holder's principal business. In particular, indicate whether its principal business gives rise to attributable interests in cellular, PCS or Specialized Mobile Radio licenses.

*Item (5)* *Outside Interests:* List any *outside* business interests of five percent or more held by the interest holder if such interests are held in land mobile service providers (*i.e.*, CMRS or PMRS providers). For any CMRS or PMRS businesses listed, describe their business relationship, if any, to the applicant. Remember that institutional investors holding *direct* interests of 10 percent or more in the applicant must report outside interests of five percent or more under this provision.

*Item (6)* *Type of Interest Held:* Indicate whether the interest held is in the form of stocks, bonds, warrants, partnership, etc. If interests are held in stock, specify the class of stock and any voting rights associated with the stock. If the interests are held in a partnership, indicate whether the interests or limited or general partnership interests.

*Item (7)* *Amount Held:* Specify the amount held (*e.g.*, number of shares of stock) for each type of interest specified.

*Item (8)* *Percentage Held:* Specify the percentage interest held in the applicant based on any combined holdings.

*Item (9)* *Held on Behalf of*: If an interest is held in trust, or on behalf of another person or entity, identify the party for whom the interest is held.

**Ownership Exhibit B**

Second, attach and label as **Ownership Exhibit B**, a document or series of documents that identifies all persons or entities that *indirectly* hold a five percent or more interest in the applicant (the threshold is 10 percent for institutional investors). *See* Attachment C. For each person or entity listed, provide the same information listed in *Items (1)-(9)* above as is requested for *direct* interests, including a list of business interests in other CMRS or PMRS providers as specified in *Item (5)*. In calculating the percentage of *indirect* ownership in *Item (8)*, be sure to use a multiplier. *See Further Order on Reconsideration,* GN Docket No. 90-314, 9 FCC Rcd 4441 (1994), *as modified in Memorandum Opinion and Order*, GN Docket No. 90-314, FCC 95-92 (Released March 3, 1995), 60 Fed. Reg. 13,915 (March 15, 1995). *See also* 47 C.F.R. § 24.204 (d)(2)(viii). In addition, create a new *Item (10)* category -- *Intervening Interests* -- as further explained below.

*Item (10)* *Intervening Interests*: Indirect interests also can be held through intervening corporations and other entities. For each *indirect* interest holder, specify the intervening corporations or other entities from which the *indirect* five percent interest (or 10 percent if an institutional investor) in the applicant is derived.

**Ownership Exhibit C**

Third, attach and label as **Ownership Exhibit C** a list of partners, officers, directors and key management personnel of the applicant if not otherwise listed on Ownership Exhibit A. In addition, list *outside* business interests of five percent or more held by each officer, director, or key management person if such business interests are held in land mobile service providers (*i.e.*, CMRS or PMRS providers). If any CMRS or PMRS businesses are listed, describe their business relationship, if any, to the applicant.

**Ownership Exhibit D**

Fourth, if the applicant is a partnership, attach and label as **Ownership Exhibit D** a signed and dated copy of the partnership agreement. *See* 47 C.F.R. § 24.813(a)(4). Proprietary information may be redacted, or confidentiality can be sought pursuant to Section 0.453 of the Commission's Rules, 47 C.F.R. § 0.459. Ancillary agreements to the partnership agreement need not be disclosed unless such disclosure is required elsewhere in our rules. Partnership agreements should be current and complete as of the application filing date.

## II. Joint Venture Agreements/Bidding Consortia.

**Agreements Exhibit A**

Attach and label as **Agreements Exhibit A**, a detailed explanation of the terms and conditions and parties involved in any bidding consortia, joint venture, partnerships or other agreement or arrangement into which the applicant has entered relating to the competitive bidding process prior to the time the bidding was completed. Such agreements must have been entered into prior to the filing of the short form applications pursuant to Section 1.2105, 47 C.F.R. § 1.2105. *See also* 47 C.F.R. § 1.2107(d). To comply with this requirement, applicants can either submit the agreements themselves, or can submit a detailed description of those agreements with proprietary information excluded. If applicants choose to submit the agreements, they can redact proprietary information or can seek confidentiality for those documents pursuant to Section 0.453 of the Commission's Rules.

## III. Certifications and Divestiture Plans.

### Certifications Exhibit A

Attach and label as **Certifications Exhibit A**, a statement that certifies that the applicant is in compliance with the PCS-cellular cross-ownership limit (47 C.F.R. § 24.204) and the PCS-to-PCS spectrum cap (47 C.F.R. § 24.229(c)). Each applicant must certify on the main FCC Form 600 whether it is in compliance with the CMRS spectrum aggregation limit (47 C.F.R. § 20.6), so no additional statement is required to certify compliance with this rule. In making the certifications, applicants are reminded to consider not only ownership interests, but also any management or joint marketing agreements that are relevant to determining attribution in the applicant pursuant to Section 24.404(d)(2)(ix)-(x). Only such agreements having the potential to significantly influence the nature or types of services offered by the applicant, the terms upon which services are offered, or the prices charged for services are attributable. *See* 47 C.F.R. § 24.404(d)(2)(ix)-(x).

### Divestiture Exhibit A

If an applicant is unable to certify to compliance with the CMRS spectrum aggregation limit (47 C.F.R. § 20.6), or the PCS-cellular cross-ownership limit (47 C.F.R. § 24.204), or the PCS-to-PCS spectrum cap (47 C.F.R. § 24.229(c)), attach and label as **Divestiture Exhibit A**, a signed statement that describes the applicant's efforts to date and future plans to come into compliance with the rules through divestiture of prohibited properties. *See* 47 C.F.R. §§ 20.6(e)-(f), 24.204(f)(2) and 24.229(c). The statement must indicate that sufficient properties will be divested within 90 days of license grant to meet our requirements. *See* 47 C.F.R. § 24.833. If divestiture is required, the Commission will condition grant of the application on the licensee coming into compliance with our requirements.

## IV. Copy of FCC Form 175 as Amended.

Each applicant should attach and label as **FCC Form 175 Exhibit A**, a copy of its FCC Form 175, including all amendments to that application. Pursuant to Section 24.813(c)

of the Commission's Rules, 47 C.F.R. § 24.813(a), applicants may incorporate by reference any materials contained in the FCC Form 175 as long as that information is current, and the applicant meets other requirements. *See* 47 C.F.R. § 24.813(a). Therefore, we ask applicants to provide us with a copy of their FCC Form 175 for easy reference.

For further information or assistance on this Public Notice, contact Rita Cookmeyer, Iraida Longin, or Kimberly King, Commercial Wireless Division, Wireless Telecommunications Bureau - (202) 418-0620.

-FCC-

## ATTACHMENT A

### Winning Bidders

| Mkt. No. | Freq. Blk. | License No. | Market | Winning Bidder | Winning Bid |
|---|---|---|---|---|---|
| M001 | B | PBM001B | New York | WirelessCo, L.P. | $442,712,000 |
| M002 | B | PBM002B | Los Angeles-San Diego | Pacific Telesis Mobile Services | $493,500,000 |
| M003 | A | PBM003A | Chicago | AT&T Wireless PCS Inc. | $372,750,000 |
| M003 | B | PBM003B | Chicago | PCS PRIMECO, L.P. | $385,050,583 |
| M004 | A | PBM004A | San Francisco-Oakland-San Jose | WirelessCo, L.P. | $206,500,000 |
| M004 | B | PBM004B | San Francisco-Oakland-San Jose | Pacific Telesis Mobile Services | $202,150,000 |
| M005 | A | PBM005A | Detroit | AT&T Wireless PCS Inc. | $81,177,000 |
| M005 | B | PBM005B | Detroit | WirelessCo, L.P. | $86,107,000 |
| M006 | A | PBM006A | Charlotte-Greensboro-Greenville-Raleigh | AT&T Wireless PCS Inc. | $66,616,000 |
| M006 | B | PBM006B | Charlotte-Greensboro-Greenville-Raleigh | BellSouth Personal Communications, Inc. | $70,907,001 |
| M007 | A | PBM007A | Dallas-Fort Worth | PCS PRIMECO, L.P. | $87,500,578 |
| M007 | B | PBM007B | Dallas-Fort Worth | WirelessCo, L.P. | $88,444,000 |
| M008 | A | PBM008A | Boston-Providence | AT&T Wireless PCS Inc. | $121,660,000 |
| M008 | B | PBM008B | Boston-Providence | WirelessCo, L.P. | $127,065,892 |
| M009 | A | PBM009A | Philadelphia | AT&T Wireless PCS Inc. | $80,951,000 |
| M009 | B | PBM009B | Philadelphia | PhillieCo, L.P. | $84,995,012 |
| M010 | B | PBM010B | Washington-Baltimore | AT&T Wireless PCS Inc. | $211,771,000 |
| M011 | A | PBM011A | Atlanta | AT&T Wireless PCS Inc. | $198,411,000 |
| M011 | B | PBM011B | Atlanta | GTE Macro Communications Corporation | $184,660,483 |
| M012 | A | PBM012A | Minneapolis-St. Paul | WirelessCo, L.P. | $39,674,673 |
| M012 | B | PBM012B | Minneapolis-St. Paul | American Portable Telecommunications, Inc. | $36,600,012 |
| M013 | A | PBM013A | Tampa-St. Petersburg-Orlando | American Portable Telecommunications, Inc. | $89,786,837 |
| M013 | B | PBM013B | Tampa-St. Petersburg-Orlando | PCS PRIMECO, L.P. | $99,327,723 |
| M014 | A | PBM014A | Houston | American Portable Telecommunications, Inc. | $83,888,837 |
| M014 | B | PBM014B | Houston | PCS PRIMECO, L.P. | $82,680,425 |
| M015 | A | PBM015A | Miami-Fort Lauderdale | WirelessCo, L.P. | $131,723,000 |
| M015 | B | PBM015B | Miami-Fort Lauderdale | PCS PRIMECO, L.P. | $126,020,126 |
| M016 | A | PBM016A | Cleveland | Ameritech Wireless Communications, Inc. | $87,000,000 |
| M016 | B | PBM016B | Cleveland | AT&T Wireless PCS Inc. | $85,881,000 |
| M017 | A | PBM017A | New Orleans-Baton Rouge | WirelessCo, L.P. | $93,949,001 |

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| M017 | B | PBM017B | New Orleans-Baton Rouge | PCS PRIMECO, L.P. | $89,475,484 |
| M018 | A | PBM018A | Cincinnati-Dayton | AT&T Wireless PCS Inc. | $41,932,000 |
| M018 | B | PBM018B | Cincinnati-Dayton | GTE Macro Communications Corporation | $42,733,483 |
| M[illegible] | A | PBM019A | St. Louis | AT&T Wireless PCS Inc. | $118,836,000 |
| M019 | B | PBM019B | St. Louis | WirelessCo, L.P. | $114,325,789 |
| M020 | A | PBM020A | Milwaukee | WirelessCo, L.P. | $85,043,289 |
| M020 | B | PBM020B | Milwaukee | PCS PRIMECO, L.P. | $86,000,001 |
| M021 | A | PBM021A | Pittsburgh | WirelessCo, L.P. | $28,719,362 |
| M021 | B | PBM021B | Pittsburgh | American Portable Telecommunications, Inc. | $31,665,837 |
| M022 | A | PBM022A | Denver | WirelessCo, L.P. | $64,436,000 |
| M022 | B | PBM022B | Denver | GTE Macro Communications Corporation | $64,502,483 |
| M023 | A | PBM023A | Richmond-Norfolk | AT&T Wireless PCS Inc. | $33,652,000 |
| M023 | B | PBM023B | Richmond-Norfolk | PCS PRIMECO, L.P. | $33,045,045 |
| M024 | A | PBM024A | Seattle (Excluding Alaska) | GTE Macro Communications Corporation | $106,355,002 |
| M024 | B | PBM024B | Seattle (Excluding Alaska) | WirelessCo, L.P. | $105,163,484 |
| M025 | A | PBM025A | Puerto Rico-U.S. Virgin Islands | AT&T Wireless PCS Inc. | $56,899,000 |
| M025 | B | PBM025B | Puerto Rico-U.S. Virgin Islands | Centennial Cellular Corp. | $54,672,000 |
| M026 | A | PBM026A | Louisville-Lexington-Evansville | AT&T Wireless PCS Inc. | $49,262,000 |
| M026 | B | PBM026B | Louisville-Lexington-Evansville | WirelessCo, L.P. | $46,577,000 |
| M027 | A | PBM027A | Phoenix | AT&T Wireless PCS Inc. | $78,347,000 |
| M027 | B | PBM027B | Phoenix | WirelessCo, L.P. | $75,608,434 |
| M028 | A | PBM028A | Memphis-Jackson | Powertel PCS Partners, L.P. | $43,169,000 |
| M028 | B | PBM028B | Memphis-Jackson | Southwestern Bell Mobile Systems, Inc. | $43,168,314 |
| M029 | A | PBM029A | Birmingham | WirelessCo, L.P. | $35,597,000 |
| M029 | B | PBM029B | Birmingham | Powertel PCS Partners, L.P. | $35,278,000 |
| M030 | A | PBM030A | Portland | Western PCS Corporation | $34,155,030 |
| M030 | B | PBM030B | Portland | WirelessCo, L.P. | $34,139,785 |
| M031 | A | PBM031A | Indianapolis | WirelessCo, L.P. | $70,433,000 |
| M031 | B | PBM031B | Indianapolis | Ameritech Wireless Communications, Inc. | $71,100,000 |
| M032 | A | PBM032A | Des Moines-Quad Cities | Western PCS Corporation | $22,100,031 |
| M032 | B | PBM032B | Des Moines-Quad Cities | WirelessCo, L.P. | $21,042,973 |
| M033 | A | PBM033A | San Antonio | WirelessCo, L.P. | $54,394,123 |
| M033 | B | PBM033B | San Antonio | PCS PRIMECO, L.P. | $51,950,059 |
| M034 | A | PBM034A | Kansas City | WirelessCo, L.P. | $23,619,168 |
| M034 | B | PBM034B | Kansas City | American Portable Telecommunications, Inc. | $23,611,837 |

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| M035 | A | PBM035A | Buffalo-Rochester | WirelessCo, L.P. | $18,893,000. |
| M035 | B | PBM035B | Buffalo-Rochester | AT&T Wireless PCS Inc. | $19,864,000 |
| M036 | A | PBM036A | Salt Lake City | Western PCS Corporation | $45,847,030. |
| M036 | B | PBM036B | Salt Lake City | WirelessCo, L.P. | $46,179,852. |
| M037 | A | PBM037A | Jacksonville | Powertel PCS Partners, L.P. | $46,000,000. |
| M037 | B | PBM037B | Jacksonville | PCS PRIMECO, L.P. | $44,500,544. |
| M038 | A | PBM038A | Columbus | AT&T Wireless PCS Inc. | $22,290,000. |
| M038 | B | PBM038B | Columbus | American Portable Telecommunications, Inc. | $22,176,837. |
| M039 | A | PBM039A | El Paso-Alberquerque | Western PCS Corporation | $8,634,030. |
| M039 | B | PBM039B | El Paso-Alberquerque | AT&T Wireless PCS Inc. | $8,634,000. |
| M040 | A | PBM040A | Little Rock | Southwestern Bell Mobile Systems, Inc. | $12,732,501. |
| M040 | B | PBM040B | Little Rock | WirelessCo, L.P. | $12,321,000. |
| M041 | A | PBM041A | Oklahoma City | Western PCS Corporation | $11,111,111. |
| M041 | B | PBM041B | Oklahoma City | WirelessCo, L.P. | $13,142,346. |
| M042 | A | PBM042A | Spokane-Billings | Poka Lambro Telephone Cooperative, Inc. | $5,688,000. |
| M042 | B | PBM042B | Spokane-Billings | WirelessCo, L.P. | $6,191,000. |
| M043 | A | PBM043A | Nashville | WirelessCo, L.P. | $16,374,000. |
| M043 | B | PBM043B | Nashville | AT&T Wireless PCS Inc. | $15,810,000. |
| M044 | A | PBM044A | Knoxville | AT&T Wireless PCS Inc. | $10,635,000 |
| M044 | B | PBM044B | Knoxville | BellSouth Personal Communications, Inc. | $11,149,000. |
| M045 | A | PBM045A | Omaha | AT&T Wireless PCS Inc. | $4,647,000. |
| M045 | B | PBM045B | Omaha | Cox Cable Communications, Inc. | $5,078,000. |
| M046 | A | PBM046A | Wichita | AT&T Wireless PCS Inc. | $4,393,000 |
| M046 | B | PBM046B | Wichita | WirelessCo, L.P. | $4,901,343. |
| M047 | A | PBM047A | Honolulu | Western PCS Corporation | $22,361,030 |
| M047 | B | PBM047B | Honolulu | PCS PRIMECO, L.P. | $21,675,432. |
| M048 | A | PBM048A | Tulsa | Southwestern Bell Mobile Systems, Inc. | $17,562,369. |
| M048 | B | PBM048B | Tulsa | WirelessCo, L.P. | $16,801,654. |
| M049 | A | PBM049A | Alaska | American Portable Telecommunications, Inc. | $1,000,000. |
| M049 | B | PBM049B | Alaska | GCI Communication Corp. | $1,650,129. |
| M050 | A | PBM050A | Guam-Northern Mariana Islands | Poka Lambro Telephone Cooperative, Inc. | $107,000. |
| M050 | B | PBM050B | Guam-Northern Mariana Islands | American Portable Telecommunications, Inc. | $141,837. |
| M051 | A | PBM051A | American Samoa | South Seas Satellite Communications Corporation | $214,555. |
| M051 | B | PBM051B | American Samoa | Communications International Corporation | $228,001. |
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|---|---|---|---|---|---|
| | | | | **Total Bids** | $7,019,403,797 |
| | | | | **Total of Bid Withdrawal Penalties** | $14,836,213. |
| | | | | | |
| | | | | **Pioneer Preference Revenues** | $701,780,374. |
| | | | Omnipoint Corporation | $347,518,309. | |
| | | | Cox Communications, Inc. | $251,918,526. | |
| | | | American Personal Communications, L.P. | $102,343,539. | |
| | | | | | |
| | | | | **Grand Total** | $7,736,020,384. |

**ATTACHMENT B**
"Ownership Exhibit A "*
Direct Ownership

OMB Approval
3060-0621
Expires 10/31/97

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|---|---|---|---|---|---|---|---|---|
| Name and Address<br>Title | Relationship | Citizenship | Principal<br>Business | Outside<br>Interests | Type of<br>Interest Held | Amount<br>Held | Percentage<br>Held | Held on Behalf Of<br>Name |
| | | | | | | | | |
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**ATTACHMENT C**
"Ownership Exhibit B"*
Indirect Ownership

OMB Approval
3060 0621
Expires 10/31/97

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| Name and Address<br>Title | Relationship<br>Name | Citizenship | Principal<br>Business | Outside<br>Interests | Type of<br>Interest Held | Amount<br>Held | Percentage<br>Held | Held on Behalf<br>Name | Interv.<br>Interest |
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*If applicants require additional space to respond to any Item, attach additional pages, but specify to which Exhibit and Item number those pages relate .

# APPENDIX B
## Sample Electromagnetic Energy Emissions Calculations

### SAFETY LEVEL CALCULATIONS

1. Maximum Permissible Exposure (MPE).

   a. Determine MPE for uncontrolled environment for mobile units:

   $S = f/1500$ (mW/cm$^2$) for 300 MHz $\leq f \leq$ 3000 MHz

   where S is equivalent plane-wave free-space power density as averaged over any 30 minutes, and f is frequency transmitted in MHz.

   $S = 901/1500 = 0.601$ mW/cm$^2$

   b. Derive separation distance from allowed power density:

$$p_d = \frac{p_a \times g_i}{4 \times \Pi \times R^2}$$

   where $p_d$ is power density at the point of observation (equivalent to S), $p_a$ is power supplied to the antenna, $g_i$ is antenna gain (numeric) in a given direction relative to an isotropic antenna, and R is the distance from the power radiated by the transmitting antenna to the point of observation.

   e.i.r.p. = $p_a \times g_i$

   Desire 7 watts e.r.p.:

   e.i.r.p. = 1.64 x e.r.p. = 1.64 x 7
   = 11.48 watts = 11,480 mW

   Solve for R:

$$R = \sqrt{\frac{e.i.r.p.}{4 \times \Pi \times p_d}}$$

$$R = \sqrt{\frac{11{,}480 mW}{4 \times \Pi \times 0.601 mW/cm^2}}$$

R = 38.99 cm (15.35 in)
Round to 39 cm (15.4 in).

2. Radiated Power Exclusion.[123] Use the exclusion for low-power devices in uncontrolled environments:

For 901-902 MHz mobile-to-base band:

Radiated power ≤ 1.4(450/f) watts for 450 MHz ≤ f ≤ 1500 MHz, and radiating structure ≥ 2.5 cm from the body, except the hands.

Radiated power ≤ 1.4 x 450 / 902
Radiated power ≤ 698 mW
Round to 700 mW

Radiated power ≤ 700 mW, and the radiating structure ≥ 2.5 cm from the body, except the hands.

[123] Note that in the reactive near field of a hand-held device radiated power and not e.i.r.p. is the appropriate term to use.