

Appendix 1: Antenna Gain Guidelines For Compliant Radiation Exposure

FOR

BDA-PCSX-1/1W-80-A

BI-DIRECTIONAL AMPLIFIERS

To be in compliance with the separation distances between the antennas and persons in the area recommended in the *RF Exposure Warning* section of the BDA manual, installers must be sure to use antennas with isotropic gains less than those listed in Table 1.

Table 1

**Maximum Antenna Gain for Compliant Radiation
Exposure Levels at
20 cm from Downlink Antenna or 30 cm from Uplink
Antenna**

Frequency Band	Downlink Maximum Ant. Gain (dBi)	Uplink Maximum Ant. Gain (dBi)
PCS A	12	15.6
PCS B	12	15.6
PCS C	12	15.6
CELL AB	12	15.6
PCS C-1	12	15.6
PCS C-2	12	15.6
PCS C-3	12	15.6
PCS C-4	12	15.6
PCS C-5	12	15.6
PCS D	12	15.6
PCS E	12	15.6
PCS F	12	15.6