

# **Appendix 1: Antenna Gain Guidelines For Compliant Radiation Exposure**

**FOR**

**BDA-XXX-1/10W-60-A  
and  
BDA-XXX-1/10W-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**

<b>Frequency Band</b>	<b>Downlink Maximum Ant. Gain (dBi)</b>	<b>Uplink Maximum Ant. Gain (dBi)</b>
SMR	1.65	13.0
CELL A	1.74	13.0
CELL B	1.8	13.1
CELL AB	1.8	13.1
GSM F	2.1	13.4
GSM H	2.1	13.4
GSM L	2.0	13.3
NPS PAC	1.66	13.0
2PG	2.0	13.3
2PGN	2.0	13.3
PS8	1.66	13.0
PS9	2.0	13.3