

All models have identical transmitter hardware.

Models with suffix 'A' have a fixed integral antenna with 1 dBi gain.

Models with suffix 'N' have an antenna connector and use dipole with 2.14 dBi gain

Models BGM121 are set to a rated power of 10 dBm.

Models BGM123 are set to a rated power of 3 dBm.

BGM121A:

Output Power: 10 dBm

Antenna gain: 1 dBi

SAR tested at 2mm distance; with a highest recorded SAR value of 0.4 W/kg.

FCC and ISED authorised for mobile at 20cm; and portable at 2mm.

BGM121N:

Output Power: 10 dBm

Antenna gain: 2.14 dBi

SAR tested at 2mm distance; with a highest recorded SAR value of 0.4 W/kg.

FCC authorised for mobile at 20cm; and portable at 6mm.

ISED authorised for mobile at 20cm; and portable at 15mm.

BGM123A:

Output Power: 3 dBm

Antenna gain: 1 dBi

BGM121A was SAR tested at 2mm distance; with a highest recorded SAR value of 0.4 W/kg and the BGM123A is an identical module with reduced output power. Also below SAR test threshold.

FCC and ISED authorised for mobile at 20cm; and portable at 0mm.

BGM123N:

Output Power: 3 dBm

Antenna gain: 2.14 dBi

Below the FCC SAR test threshold calculated at 5mm for use at 0mm.

Below the ISED SAR test threshold at 5mm for use at 0mm.

FCC and ISED authorised for mobile at 20cm; and portable at 0mm.