

Telefication BV
Edisonstraat 12A
Zevenaar
6902 PK
The Netherlands

RF exposure analysis for the equipment RS 850/1900 and RS 900/2100 (FCC ID: RI7ROADSTAR)

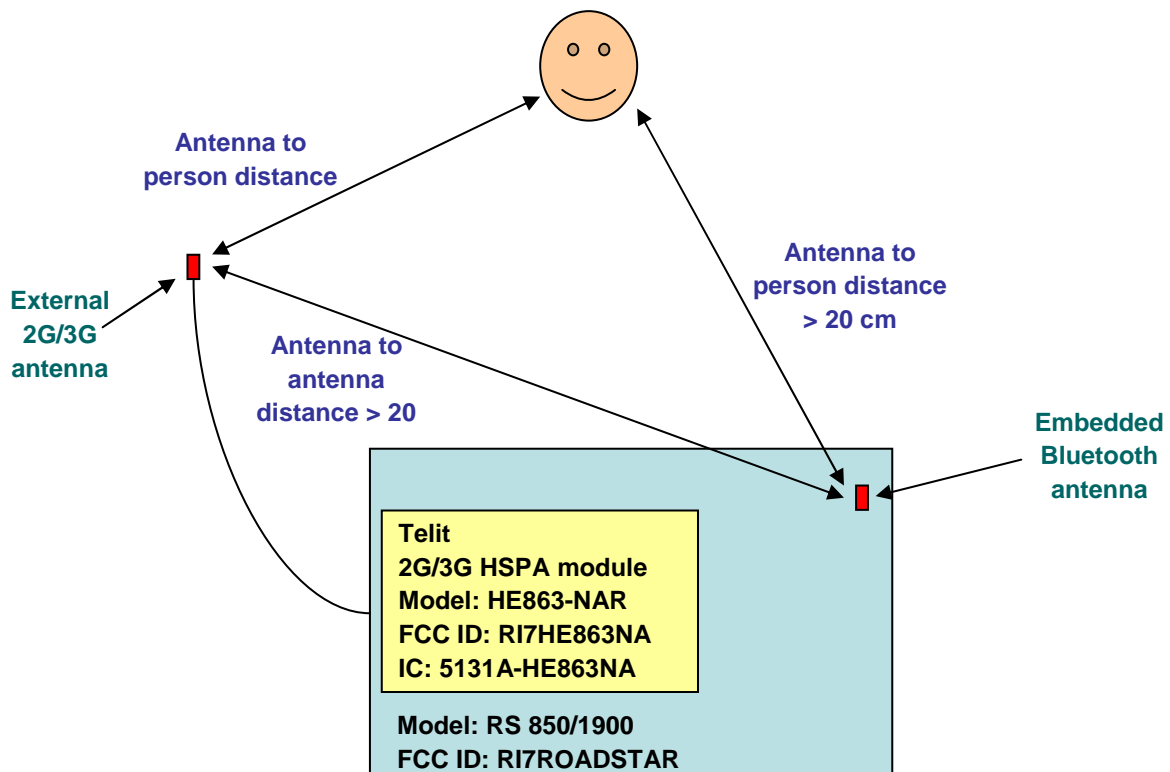
The output power of the device is extremely low (4,37 mW conducted, 3.91 mW eirp) and far below the 60/f(GHz) mW (60/2.45 mW = 24.48 mW) threshold. For that reason the equipment is categorically excluded from routine environmental evaluation for RF exposure and it is deemed to comply with FCC limits for exposure to electromagnetic fields.

This product integrates the HE863-NAR 2G/3G module (FCC ID: RI7HE863NA, IC: 5131A-HE863NA) or HE863-EUR (FCC ID: RI7HE863EU). The HE863-NAR or HE863-EUR module is granted with a modular approval for mobile applications and it is not co-located with the transmitter RI7ROADSTAR. Integration has been done meeting the following conditions:

1. At least 20cm separation distance between the antenna and any person body is maintained at all times.
2. To comply with FCC/IC regulations limiting both maximum RF output power and human exposure to RF radiation, the maximum antenna gain including cable loss in a mobile only exposure condition does not exceed 4.2 dBi.
3. The HE863-NAR or HE863-EUR module antenna is not co-located with any other antennas, including the antenna of the transmitter RI7ROADSTAR.

Product configuration is as follows:

Model name: RS 850/1900
 FCC ID: RI7ROADSTAR
 Integrated module: HE863-NAR (FCC ID: RI7HE863NA, IC: 5131A-HE863NA)



Model name: RS 900/2100
FCC ID: RI7ROADSTAR
Integrated module: HE863-EUR (FCC ID: RI7HE863EU)

