RF Exposure Explanation

In an actual installation the antennas are separated and the combined power density is less than the worst-case estimate (which assumes that all antennas are at the same location) in the MPE reports. For example: assume three antennas are in a line, with 5 cm separation between each, extend this line 20 cm in one direction, then the total power density 20 cm from the nearest antenna is (Pd at 20 cm) + (Pd at 25 cm) + (Pd at 30 cm), which is less than the worst-case estimate of (Pd at 20 cm) + (Pd at 20 cm) + (Pd at 20 cm).