

RF Exposure requirements

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| Product name | Scan Tool |
| Model number | GVCI |
| FCC ID | TMGG1NZFMN012 |
| Radio specification | (Bluetooth) 2.4 GHz |
| Antenna | Internal antenna |
| Power source | DC 7 V to DC 30 V (DC 12 V/ 24 V battery in a vehicle) |

According to the KDB 447498, the following standalone SAR test exclusion was considered to qualify for the SAR test exclusion.

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|--------------------------------|---------------------|
| Tx frequency range | 2402 MHz - 2480 MHz |
| Maximum conducted output power | 4.83 mW (6.84 dBm) |
| Device category | Mobile station |

SAR test exclusion thresholds:

$[(\text{max. power of channel, mW}) / (\text{min. separation distance, mm})] \cdot \sqrt{f_{(\text{GHz})}} \leq 3.0 \text{ for 1-g SAR and } \leq 7.5 \text{ for 10-g extremity SAR}$

| MHz | 5 | 10 | 15 | 20 | 25 | 29 | 30 | 35 | 40 | 45 | 50 | test separation distance (mm) |
|------|----|----|----|----|----|----|----|----|----|----|----|-----------------------------------|
| 2450 | 10 | 19 | 29 | 38 | 48 | 56 | 57 | 67 | 77 | 86 | 96 | SAR test exclusion threshold (mW) |

The source-based time-averaged maximum conducted output power of the RF channel is less than 10 mW, and the minimum separation distance of 5 mm can be achieved. Therefore the transmitter complies with the RF exposure requirements and the SAR is not required.