

## RF Exposure Requirements

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Product Description: car receiver

Model No.: NA3020, NA3600M, NQ722BD, NQ721BE, NA6605, NA6605-M9,  
NA6605-MX, NAM6800, NAM1600, NAM6920DSR, NA3020,  
NQ821B, NQ921B, NA6605-M7, NAM6810, NAM6910  
FCC ID: 2ATJSADF28689111

According to the KDB 447498 D01 v06 section 4.3.1, for 100 MHz to 6 GHz and test separation distances  $\leq 50$  mm, the 1-g and 10-g SAR test exclusion thresholds are determined by the following:

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

- $f(\text{GHz})$  is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation<sup>17</sup>
- The result is rounded to one decimal place for comparison

### Calculation Result:

Tx frequency range: 2402-2480MHz

Min. test separation distance: 5mm

Maximum Conducted Output Power: 3.194dBm

Tune-Up output power: 3.5dBm

RF channel transmit frequency: 2402MHz

Result: 0.7

Limit: 3.0

The exclusion threshold is  $0.7 < 3.0$ , so the transmitter complies with the RF exposure requirements and the SAR is not required.