

FCC RF Exposure

EUT Description: Personal Stereo Cassette Player with Bluetooth transmitter

Model No.: NINM IT'S OK TOO

1. Limits

According to KDB 447498 D01 General RF Exposure Guidance v06 The 1 - g and 10 - g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:
 $[(\text{max power of channel, including tune - up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$ for 1 - g SAR and ≤ 7.5 for 10 - g extremity SAR,

Where:

$$\text{Result} = P/D * \sqrt{F}$$

F= the RF channel transmit frequency in GHz

P=Maximum turn - up power in mw

D=Min. test separation distance in mm

2. Test Result of RF Exposure Evaluation

| | Output power (dBm) | Tune Up Power (dBm) | Max Tune Up power dBm/mW | Min test separation distance mm | Result | Limit | SAR Test Exclusion |
|----|----------------------|-----------------------|--------------------------|---------------------------------|--------|-------|--------------------|
| BT | 7.332 | 6.5 ± 1 | 7.5 / 5.62 | 5 | 1.77 | 3.0 | Pass |

Note:
PK Output power= conducted power.
Conducted power see the test report HK2108263147-E, antenna gain= 0dBi

Per KDB 447498 D01, when the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine RF Exposure test exclusion. The test exclusion threshold is 1.77 which is ≤ 3 , RF Exposure testing is not required.

Note: Exclusion Thresholds Results=[$(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})$] $\cdot [\sqrt{f(\text{GHz})}]$

f(GHz) is the RF channel transmit frequency in GHz

Distance=5mm