



Radio Frequency Exposure

EUT INFORMATION

EUT	CAR ALARM 2 WAY HAND HOLD UNIT
Frequency band (Operating)	908.3 MHz ~ 923.783 MHz
Antenna diversity	<input checked="" type="checkbox"/> Single antenna <input type="checkbox"/> Multiple antennas <input type="checkbox"/> Tx diversity <input type="checkbox"/> Rx diversity <input checked="" type="checkbox"/> Tx/Rx diversity
Max. output power	8.45 dBm
Antenna gain (Max)	1.2 dBi

TEST RESULT

According to KDB 447498 section 4.3.1, the 1-g SAR test exclusion thresholds at test separation distance ≤ 50 mm are determined by:

$$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] * [\sqrt{f(\text{GHz})}] \leq 3.0$$

The max. power of channel, including tune-up tolerance(mW) is 10.47mW @908.3MHz (With Tune-up tolerance),

The min. test separation distance (mm) is 5 mm,

So, $[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] * [\sqrt{f(\text{GHz})}] = 1.99 < 3.0$ (With Tune-up tolerance).

Therefore, standalone SAR measurements are not required for both head and body.

Tested By:

Reviewed by:

SEP. 26, 2019

(Date)

Bing/Engineer

SEP. 26, 2019

(Date)

Bell/Manager

FCC Designation Number: TW2954