EMT ELECTRO MAGNETIC TEST, INC.
1547 Plymouth Street, Mountain View, CA 94043 Tel: (650) 965-4000 Fax: (650) 965-3000

RF Exposure Statement

According to: § 15.247 (i) Systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy levels in excess of the Commission's guidelines.

1. Limits

≤ 3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR

2. Maximum Measured Transmitter Power

According to KDB447498 D01 General RF Exposure Guidance v05r02:

1.) 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:
[(*max. power of channel, including tune-up tolerance, mW*)/(*min. test separation distance, mm*)] · [√f(GHz)] ≤ 3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR, where
- f (GHz) is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation26
- The result is rounded to one decimal place for comparison
- 3.0 and 7.5 are referred to as the numeric thresholds in the step 2 below

The test exclusions are applicable only when the minimum *test separation distance* is ≤ 50 mm and for transmission frequencies between 100 MHz and 6 GHz. When the minimum *test separation distance* is < 5 mm, a distance of 5 mm according to 5) in section 4.1 is applied to determine SAR test exclusion.

Transmit Frequency (GHz)	Mode	Max Conducted Power (mW)	Result Calculation	1-g SAR
2.402	GFSK	0.004	0.001	3.0
2.442	GFSK	0.003	0.0009	3.0
2.480	GFSK	0.003	0.0009	3.0

3. Results

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The Worst Case Result is 0.001 which is less than 3.0 for 1-g extremity SAR, Therefore SAR testing is not required.

Sincerely,

Signature
Company Name: Electro Magnetic Test, Inc
Address: 1547 Plymouth Street, Mountain View, CA 94043
Kevin Bothmann, Lab Manager