RF Exposure

1.0 INTRODUCTION

These calculations are based on the highest ERP possible from the EUT, measured in the radiated mode.

The highest EIRP of the EUT is less than 1 mW.

2.0 FCC RF EXPOSURE COMPLIANCE RESULT:

In accordance with FCC KDB Publication 447498 D01 V06 Clause 4.3.1, b) 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:

For transmit frequencies below 100 MHz:
In accordance with FCC KDB Publication 447498 D01 V05R02 Clause 4.3.1 c), 1)
For *test separation distances* >50 mm and <200 mm, the power threshold at the corresponding test separation distance at 100 MHz in section 4.3.1 step b) is multiplied by [1 + log(100/$f_{(MHz)}$)]

This table is for devices with a separation greater than 50 mm

MHz	Max Power dBm	Duty Cycle %	EUT EIRP mW	Min Sep mm	SAR Exc Threshold at 50mm 4.3.1 a) in mW	SAR Exclusion threshold per 4.3.1 b)1) in mW	SAR Exclusion threshold per 4.3.1 c) 1) in mW	Result	Notes
13.56	-22.3	100.0	0.0059	200	474.3	574.3	1072.7	Exempt	Peak
0.125	-14.8	101.0	0.0334	200	474.3	574.3	2241.7	Exempt	Peak

EUT EIRP << SAR exclusion threshold per 4.3.1 c) 1)