Exhibit: RF Exposure – FCC

Report File #:7169006356RA-000

RF Exposure – FCC

The worst case separation distance of the device is 20 mm. An assessment against 1-g test exclusion threshold is performed using 60 mm separation distance

General SAR test exclusion guidance:

As per FCC KDB 447498 Section 4.3.1 a), the 1-g SAR Test Exclusion Threshold for 100 MHz to 6 GHz at test separation distances ≤ 50 mm is determined by:

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

Where:
$f_{(GHz)}$ is the RF channel transmit frequency in GHz

For a separation distance of > 50 mm, the max power allowed is determined by

[Power allowed at numeric threshold for 50 mm in step 1) + (test separation distance - 50 mm)·10] mW at > 1500 MHz and ≤ 6 GHz

SAR Calculations: 2402 – 2480 MHz DTS transmitter

Peak conducted power was measured to be 22.33 mW.

Power P for ≤ 50 mm for 1 –g SAR

[P / 50 mm]*[√2.470 GHz] = 3
P = 95.4 mW

The Test Exclusion Threshold for 60 mm is therefore:
95.4 mW + (60 mm – 50 mm)*10 = 195.4 mW

SAR Exclusion Threshold condition is met with peak conducted power.