MPE BASED EXCLUSION

The EUT will have a separation distance from the user greater than 20 cm.

The EUT is exempt from SAR evaluation because the EUT is less than 0.462 Watts ERP.

The ERP was calculated based on a worst case direct measurement output of 10.536 dBm and an antenna gain of -0.179 dBd (1.971 dBi).

ERP = 10.536 dBm + (-0.179 dBd) = 10.357 dBm (10.86 mW) = 0.01086 Watts

Note: 902.62 MHz is the lowest frequency the EUT operates at, and was used to determine the worst case limit per table 1 of 47 CFR § 1.1307 (B)(3)(i)(C).

ERP Limit in Watts = 0.0128 (R^2) f = 0.0128 (0.20^2) 902.62 = 0.462 Watts ERP
R = 0.20 m
f = 902.62 MHz