

## RF Exposure Information - DTS and NII

FCC ID: RTP-5500016-1 is capable of transmitting in more than one frequency band at a time. The maximum measured EIRP values and power densities at 20 cm in each operating band with a +2dBi antenna are:

2.4 GHz	20.37 dBm	109 mW	0.022 mW/cm <sup>2</sup> .
5.3 GHz	22.05 dBm	160 mW	0.032 mW/cm <sup>2</sup> .
5.8 GHz	22.03 dBm	160 mW	0.032 mW/cm <sup>2</sup> .

Power density at 20 cm is calculated from  $EIRP/(4*\pi*20^2)$ .

The highest possible power density occurs when all three bands are active. It is the sum of the individual powers, or  $429\text{ mW}/(4*\pi*20^2) = 0.085\text{ mW}/\text{cm}^2$ . This is well below the  $1\text{ mW}/\text{cm}^2$  limit allowed in 47 CFR 1.1310.