




Exhibit: RF Exposure – IC

IC: 6797A-AWA24R

Report File #: 7169000966-000(AWA)

Client	Artaflex	
Product	AWA24R	
Standard(s)	RSS 102 Issue 5:2015 RSS 247 Issue 1:2015	

RF Exposure – IC

The device is a mobile device intended to generally be used in such a way that a separation distance of at least 20 centimeters is normally maintained between the transmitter's radiating structure and the body of the user or nearby persons.

RF Exposure Exemption Limits for Routine Evaluation

As per RSS 102 Section 2.5.2, RF exposure evaluation is not required if the device operating at or above 300 MHz and below 6 GHz and the source-based, time-averaged maximum e.i.r.p. of the device is equal to or less than:

$$1.31 \times 10^{-2} f^{0.6834} \text{ W (adjusted for tune-up tolerance), where } f \text{ is in MHz}$$

For a 2412 MHz transmitter, this e.i.r.p limit is 2.68 W.

MPE Calculation: 2412 – 2462 MHz DTS transmitter

The DTS transmitter has a maximum conducted output power of 20.44 dBm and an antenna gain of 2.15 dBi.

The e.i.r.p of the EUT is 20.44 dBm + 2.15 dBi = 22.69 dBm (0.19 W) which is significantly less than the 2.68 W exemption limit.