

Safety Human Exposure

1.1 Radio Frequency Exposure Compliance

1.1.1 Electromagnetic Fields

RESULT:

Pass

Test Specification

Test item	: Automatic Tissue Processor
Identification / Type No.	: HP300 Plus
FCC ID	: 2A9670204
Test standard	: CFR47 FCC Part 2: Section 2.1093 FCC KDB Publication 447498 D04

Measurement Record:

$$\text{EIRP[dBm]} = \text{E[dBuV/m]} - 95.2$$

Since maximum peak output power of the transmitter is -54.36 dBm $\approx 0.000000004\text{mW}$

Since maximum peak output power of the transmitter is -56.52 dBm $\approx 0.000000003\text{mW}$

The EUT output power for transmit simultaneously is 0.000000007mW it is less than the limit 1mW

Hence the EUT is excluded from SAR evaluation according to FCC KDB 447498 D04 Interim General RF Exposure Guidance v01.