

Safety Human Exposure

1.1 Radio Frequency Exposure Compliance

1.1.1 Electromagnetic Fields

RESULT:

Pass

Report No. : CN26HCPY 002
Test Specification
Test item : Electronic Shelf Label
Identification / Type No. : EDG6-0351-B
FCC ID : 2ACQM-EDG6-0351-B
Test standard : CFR47 FCC Part 2: Section 2.1093
FCC KDB Publication 447498 v06

Measurement Record:

The minimum distance for the EUT is less than 5mm.

For FCC:

Since maximum peak output power of the transmitter is 91.67dBuV/m (-3.56 dBm) $\approx 0.44 \text{ mW} < \frac{3 \cdot d}{\sqrt{f}} = 9.53 \text{ mW}$.

Note: $\text{EIRP} = \text{EMeas} + 20\log(\text{dMeas}) - 104.7$

where

EIRP is the equivalent isotropically radiated power, in dBm

EMeas is the field strength of the emission at the measurement distance, in dBuV/m

dMeas is the measurement distance, in m

Hence the EUT is excluded from SAR evaluation according to FCC KDB Publication 447498 D01 General RF Exposure Guidance v06.