

Safety Human Exposure

1.1 Radio Frequency Exposure Compliance

1.1.1 Electromagnetic Fields

RESULT:

Pass

Report No. : CN2471B7 003
Test Specification
Test item : Bluetooth speaker
Identification / Type No. : X3D
Trademark : BlueAnt
FCC ID : VHFBLUEANTX3D
IC : 7252A-X3D
HVIN : X3D
Test standard : CFR47 FCC Part 2: Section 2.1093
FCC KDB Publication 447498 v06
RSS-102 Issue 5 February 2021

Measurement Record:

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

For FCC:

Since maximum peak output power of the transmitter is 1.80 dBm \approx 1.51 mW <

specified. $\frac{3 * d}{\sqrt{f}} = 9.52$ mW.

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

For IC:

The maximum e.i.r.p. of the transmitter is 2.80 dBm \approx 1.91 mW, which is below the SAR exclusion threshold level 4 mW \approx 6.02 dBm.

Hence the EUT is exempted from routine evaluation limits (SAR Evaluation) according to clause 2.5.1 of RSS-102 Issue 5.