

Safety Human Exposure

1.1 Radio Frequency Exposure Compliance

1.1.1 Electromagnetic Fields

RESULT:

Pass

Test Specification

Test item	:	Loop100
Identification / Type No.	:	CL101A
FCC ID	:	SHKCL101A
IC	:	10978A-CL101A
HVIN	:	CL101A
Test standard	:	CFR47 FCC Part 2: Section 2.1093 CFR47 FCC Part 1: Section 1.1310 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:

BR&EDR: Since maximum peak output power of the transmitter is 4.13 dBm ≈ 2.59 mW $< \frac{3*d}{\sqrt{f}} = 9.52$ mW.

BLE: Since maximum peak output power of the transmitter is 1.31 dBm ≈ 1.4 mW $< \frac{3*d}{\sqrt{f}} = 9.52$ mW.

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

For IC:

BR&EDR: The maximum e.i.r.p. of the transmitter is 4.13 dBm (2.59 mW), which is far below the SAR exclusion threshold level 4 mW ≈ 6.02 dBm.

BLE: The maximum e.i.r.p. of the transmitter is 1.31 dBm (1.4 mW), which is far below the SAR exclusion threshold level 4 mW ≈ 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.