

A3LSMS918U	FCC ID:
11/22/2022	Date:
KDB 680106 D01 v03r01	Test Procedure:

		10% Battery	50% Battery	70% Battery	
Load	E Measurements (V/m)	Distance from probe (cm)	Distance from probe (cm)	Distance from probe (cm)	Limit (V/m)
		15	15	15	
	A (Bottom)	0.371	0.381	0.381	614.00
	B (Right)	0.381	0.428	0.428	614.00
Phone	C (Top)	0.391	0.381	0.381	614.00
FIIONE	D (Left)	0.410	0.505	0.456	614.00
	E (Front)	0.642	0.638	0.624	614.00
	F (Back)	0.769	0.788	0.881	614.00

 Table 1. E-field Measurement by battery level (phone load)

Load	E Measurements (V/m)	Distance from probe (cm)	Limit (V/m)
		15	
Watch	F (Back)	0.773	614.00
Earbuds	F (Back)	2.724	614.00

 Table 2. E-field Measurement by battery level (non-phone loads)

		10% Battery	50% Battery	70% Battery	
Load	H Measurements (A/m)	Distance from probe (cm)	Distance from probe (cm)	Distance from probe (cm)	Limit (A/m)
		15	15	15	
Phone	A (Bottom)	0.138	0.144	0.142	1.63
	B (Right)	0.145	0.139	0.145	1.63
	C (Top)	0.145	0.142	0.145	1.63
	D (Left)	0.139	0.145	0.138	1.63
	E (Front)	0.138	0.138	0.144	1.63
	F (Back)	0.142	0.145	0.148	1.63

Table 3. H-field Measurement by battery level (phone load)

Load	H Measurements (A/m)	Distance from probe (cm)	Limit (A/m)
		15	
Watch	F (Back)	0.207	1.63
Earbuds	F (Back)	0.222	1.63

Table 4. H-field Measurement by battery level (non-phone loads)

FCC ID: A3LSMS918U	element RF	element RF EXPOSURE E-/H-FIELD TEST REPORT		Approved by: Managing Director
Filename:	Test Dates:	DUT Type:		Dage 1 of 2
1M2209010098-31.A3L	11/20/2022 - 11/22/2022	Portable Handset		Page 1 of 2
	•			V 9 0

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permi from Element. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact CT.INFO@ELEMENT.COM.



А	В	С	D	E	F
BOTTOM EDGE	RIGHT EDGE	TOP EDGE	LEFT EDGE	FRONT (SCREEN)	BACK
BOTTOM EDGE		TOP EDGE		, ,	BA

Table 5. EUT Position Description

Note:

- 1. The right and left edge are determined with the EUT screen facing the user.
- 2. H-Field Measurements were found to be noise floor

Description of Test Setup

- Testing was performed with a calibrated field probe.
- Measurement was performed on each side of the EUT as described in Table 5.
- o Testing was performed at the distances and different battery levels as indicated on Tables 1 through 4.
- Measurement procedure was performed per FCC Guidance.

Test Equipment

Manufacturer	Model	Description	Cal Date	Cal Interval	Cal Due	Serial Number
Narda	EHP-200AC	Electronic & Magnetic Field Probe	6/9/2022	Annual	6/9/2023	170WX70211

Table 6. Test Equipment

FCC ID: A3LSMS918U	element RF EXPOSURE E-/H-FIELD TEST REPORT		SAMSUNG	Approved by: Managing Director
Filename:	Test Dates:	DUT Type:		Dama 2 of 2
1M2209010098-31.A3L	11/20/2022 - 11/22/2022	Portable Handset		Page 2 of 2
	•			V 9 0

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without perm from Element. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact CT.INFO@ELEMENT.COM.