

FCC ID:	A3LSMT867U
Date:	07/30/2019
Test Procedure:	KDB 680106 D01 v03

	Probe	Distance	Operational	onal Corrected H-field (A/m)						Lingit
INH ₇₁ Orientation Distance			Correction	EUT Sides						Limit
(X, Y, Z)	(X, Y, Z)		Factor	Α	В	С	D	E	F	[~~11]
0.531	Y	15.0	0.333	0.0010	0.0007	0.0006	0.0007	0.0008	0.0013	1.63
0.531	Y	5.0	0.333	0.0051	0.0025	0.0010	0.0012	0.0046	0.0163	1.63
0.531	Y	4.0	0.333						0.0184	1.63
0.531	Y	3.0	0.333						0.0382	1.63
0.531	Y	2.0	0.333						0.0584	1.63
0.531	Y	1.0	0.333						0.1268	1.63
0.531	Y	0.6	0.333						0.2111	1.63

Table 1. H-field Measurement by distance

Frequency [MHz]	Probe Orientation	Distance (cm)	Operational Correction	erational Corrected H-field (A/m) prrection EUT Sides	
	(X, Y, Z)	. ,	Factor	F	
0.531	Y	5.0	0.333	0.0163	1.63
0.531	Х	5.0	0.333	0.0126	1.63
0.531	Z	5.0	0.333	0.0150	1.63

Table 2. H-field Isotropy Measurement

A	В	С	D	E	F
RIGHT EDGE	BOT EDGE	LEFT EDGE	TOP EDGE	FRONT (Screen)	BACK

Table 3. EUT Position Description

Note:

The right and left edge are determined with the EUT screen facing the user.

Corrected H-Field measurement

• 0.6332 A/m * 0.333 = 0.2111 A/m

Operational Correction Factor

The EUT charges for 10 minutes at maximum illumination to full charge. It recharges at maximum illumination when 10% or more of the battery level drop is detected. Therefore the operational correction factor is:

Correction Factor (applied over 30 minutes) = 10/30 = 0.333.

Description of Test Setup

- Testing was performed with a calibrated field probe.
- The probe is at the nearest distance of 0.6 cm due the S-Pen charging position.
- Measurement was performed on each side of the EUT as described per Table 3.
- o Measurement procedure was performed per FCC Guidance.



Test Equipment

Manufacturer	Model	Description	Cal Date	Cal Interval	Cal Due	Serial Number
Narda	EHP-200AC	Electric & Magnetic Field Probe	8/31/2018	Annual	8/31/2019	170WX60209

Conclusion: The theoretical H-field value based on approximations of the dimensions to a simple solenoid via Biot-Savart Law show good correlation for H-field and shows low H-field. Therefore per FCC discussion, SAR testing is excluded for this transmitter