FCC ID:	A3LSMT978U
Date:	06/20/2020
Test Procedure:	KDB 680106 D01 v03

Frequency [MHz]	Probe Orientation (X, Y, Z)	Distance (cm)	Operational Correction Factor	Corrected H-field (A/m)						Limit [A/m]
				EUT Sides						
				A	B	C	D	E	F	
0.530	Z	15.0	0.500	0.004350	0.004850	0.004900	0.004350	0.004350	0.006750	1.63
0.530	Z	5.0	0.500	0.004350	0.012550	0.008650	0.004350	0.021000	0.098800	1.63
0.530	Z	4.0	0.500						0.184400	1.63
0.530	Z	3.0	0.500						0.184400	1.63
0.530	Z	2.0	0.500						0.227350	1.63
0.530	Z	1.0	0.500						0.269650	1.63
0.530	Z	0.0	0.500						0.829050	1.63

Table 1. H-field Measurement by distance

Frequency [MHz]	Probe Orientation (X, Y, Z)	Distance (cm)	Operational Correction Factor	Corrected H-field	Limit [A/m]
				EUT Sides	
				F	
0.530	X	5.0	0.500	0.063600	1.63
0.530	Y	5.0	0.500	0.087400	1.63
0.530	Z	5.0	0.500	0.099200	1.63

Table 2. H-field Isotropy Measurement

A	B	C	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

- 1.658 A/m * 0.5 = 0.829 A/m

Operational Correction Factor

The EUT charges for 15 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) = 15/30 = 0.5.

Description of Test Setup

- Testing was performed with a calibrated field probe.
- Measurement was performed on each side of the EUT as described per Table 3.
- Measurement procedure was performed per FCC Guidance.

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Test Equipment

Manufacturer	Model	Description	Cal Date	Cal Interval	Cal Due	Serial Number
Narda	EHP-200AC	Electric & Magnetic Field Probe	6/27/2019	Annual	6/27/2020	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

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