

EMI TEST REPORT

FCC CERTIFICATION

Applicant:**Franklin Technology Inc.**906 JEI Platz, 186, Gasan digital 1-ro, Geumcheon-gu,
Seoul, 08502 South Korea**Date of Issue: February 22, 2019****Test Report No. HCT-EM-1902-FC005****Test Site: HCT CO., LTD.****MODEL:****LT70B**

Rule Part(s) / Standard(s) : FCC CFR 47 PART 15 Subpart B Class B
ANSI C63.4-2014

FCC ID : XHG-LT70B

EUT Type : Smart Locator

Manufacturer : Franklin Technology Inc.

Date of Test : January 28, 2019 to February 10, 2019

The device bearing the trade name and model specified above, has been shown to comply with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in ANSI C63.4-2014. (See Test Report if any modifications were made for compliance)

I attest to the accuracy of data. All measurements reported herein were performed by me or were made under my supervision and are correct to the best of my knowledge and belief. I assume full responsibility for the completeness of these measurements and vouch for the qualifications of all persons taking them. HCT certifies that no party to application has been denied the FCC benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C 862

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REVISION HISTORY

The revision history for this document is shown in table.

Test Report No.	Issue Date	Description
HCT-EM-1902-FC005	February 22, 2019	Initial Release



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1. GENERAL INFORMATION

1.1 Description of EUT

The EUT is Smart Locator

FCC ID	XHG-LT70B
Model	LT70B
EUT type	Smart Locator
TX frequency	LTE Cat.M1 Band 13: 779.5 MHz to 784.5 MHz (5 MHz) 782 MHz (10 MHz) WiFi: 2 412 MHz to 2 462 MHz BT: 2 402 MHz to 2 480 MHz
Voltage	DC 3.8 V(DC 3.5 V to DC 4.35 V)
Manufacturer	Franklin Technology Inc.

1.2 Tested System Details

All equipment descriptions used in the tested system (including inserted cards) are:

Equipment	Model No.	Serial Number	Manufacturer
EUT	LT70B	-	Franklin Technology
Travel Adapter	EP-TA20KWK	-	SAMSUNG

1.3 Cable Description

Product Name	Port	Power Cord Shielded (Y/N)	I/O Cable Shielded (Y/N)	Length (m)
EUT	MICRO USB	N	N/A	1.2

1.4 Noise Suppression Parts on Cable. (I/O Cable)

Product Name	Port	Ferrite Bead (Y/N)	Location	Metal Hood (Y/N)	Location
EUT	MICRO USB	N/A	N/A	Y	Both End



1.5 Test Facility

Test site is located at 74, SEOICHEON-RO, 578BEON-GIL, MAJANG-MYEON, ICHEON-SI, GYEONGGI-DO, SOUTH KOREA. Those measurement facilities are constructed in conformance with the requirements of ANSI C63.4-2014. The Normalized site attenuations (30 MHz to 1 GHz) and site validation (1 GHz to 18 GHz) were performed in accordance with the standard in ANSI C63.4-2014

Measurement Facilities	Registration Number
Radiated Field strength measurement facility 3 m Semi Anechoic chamber	90661
Radiated Field strength measurement facility 10 m Semi Anechoic chamber	

1.6 Instrument Calibration

The measuring equipment, which was utilized in performing the tests documented herein, has been calibrated in accordance with the manufacturers recommendations for utilizing calibration equipment's, which is traceable to recognized national standards.

Especially, all antenna for measurement is calibrated in accordance with the requirements of C63.5 (Version : 2006).

1.7. Measurement Uncertainty

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI C63.4-2014. All measurement uncertainty values are shown with a coverage factor of $k = 2$ to indicate a 95 % level of confidence. The measurement data shown herein meets or exceeds the U_{CISPR} measurement uncertainty values specified in CISPR 16-4-2 and, thus, can be compared directly to specified limits to determine compliance.

Parameter	Expanded Uncertainty (dB)
Conducted Emission (0.15 MHz to 30 MHz)	1.82 dB
3 m Radiated Emissions (30 MHz to 1 GHz)	5.20 dB
3 m Radiated Emissions (1 GHz to 18 GHz)	5.24 dB
3 m Radiated Emissions (18 GHz to 40 GHz)	5.40 dB



2 LIST OF TEST EQUIPMENT

Type	Manufacturer	Model Name	Serial Number	Calibration Cycle	CAL Date
<u>Conducted Emission</u>					
<input checked="" type="checkbox"/> EMI Test Receiver	Rohde & Schwarz	ESCI	100584	1 year	06.25.2018
<input type="checkbox"/> EMI Test Receiver	Rohde & Schwarz	ESCI	100033	1 year	06.27.2018
<input checked="" type="checkbox"/> LISN	Rohde & Schwarz	ENV216	102245	1 year	12.12.2018
<input checked="" type="checkbox"/> LISN	Rohde & Schwarz	ENV216	100073	1 year	05.03.2018
<input checked="" type="checkbox"/> Software	Rohde & Schwarz	EMC32 VER8.54.0	-	-	-
<u>Radiated Emission</u>					
-For measurement below 1 GHz					
<input checked="" type="checkbox"/> EMI Test Receiver	Rohde & Schwarz	ESU40	100524	1 year	07.27.2018
<input checked="" type="checkbox"/> Trilog Antenna	Schwarzbeck	VULB 9168	00847	2 year	04.13.2018
<input checked="" type="checkbox"/> Antenna Master	INNCO Systems	MA4640-XP-ET	-	N/A	-
<input checked="" type="checkbox"/> Antenna master controller	INNCO Systems	CO 3000	CO3000/870/ 35990515/L	N/A	-
<input checked="" type="checkbox"/> Turn Table	INNCO Systems	1060-2M	-	N/A	-
<input checked="" type="checkbox"/> Turn Table controller	INNCO Systems	CO2000	CO2000/095/ 5790304/L	N/A	-
<input type="checkbox"/> Low Noise Amplifier	TESTEK	TK-PA01S	160014-L	1 year	01.21.2019
<input type="checkbox"/> EMI Test Receiver	Rohde & Schwarz	ESU26	100241	1 year	08.14.2018
<input type="checkbox"/> Antenna master	INNCO Systems	MA4000-EP	MA4000/283	N/A	-
<input type="checkbox"/> Turn Table	INNCO Systems	DT3000-3T	DT3000/69	N/A	-
<input checked="" type="checkbox"/> Software	Rohde & Schwarz	EMC32 VER.9.20.00	-	-	-
-For measurement above 1 GHz					
<input checked="" type="checkbox"/> EMI Test Receiver	Rohde & Schwarz	ESU40	100524	1 year	07.27.2018
<input checked="" type="checkbox"/> Antenna master	INNCO Systems	MA4640-XP-ET	-	N/A	-
<input checked="" type="checkbox"/> Antenna master controller	INNCO Systems	CO 3000	CO 3000/870/ 35990515/L	N/A	-
<input checked="" type="checkbox"/> Turn Table	INNCO Systems	1060-2M	-	N/A	-
<input checked="" type="checkbox"/> Turn Table controller	INNCO Systems	CO2000	CO2000/095/ 5790304/L	N/A	-
<input checked="" type="checkbox"/> Horn Antenna	Schwarzbeck	BBHA 9120D	01836	2 year	05.14.2018
<input checked="" type="checkbox"/> Low Noise Amplifier	TESTEK	TK-PA18H	170034-L	1 year	03.06.2018
<input type="checkbox"/> Power Amplifier	TESTEK	TK-PA1840H	170030-L	1 year	12.17.2018
<input type="checkbox"/> Antenna master	HD GmbH	MA240	240/520	N/A	-
<input type="checkbox"/> EMI Test Receiver	Rohde & Schwarz	ESU26	100241	1 year	08.14.2018
<input type="checkbox"/> Turn Table	INNCO Systems	DT3000-3T	DT3000/69	N/A	-
<input checked="" type="checkbox"/> Software	Rohde & Schwarz	EMC32 VER8.40.0	-	-	-



3. DESCRIPTION OF TEST

3.1 Measurement of Conducted Emission

The test procedure was in accordance with ANSI C63.4-2014

- a. The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN).
If the EUT is connected to the PC through USB, the AC power-line adapter of the PC is directly connected to a line impedance stabilization network (LISN).
Other support units were connected to the power mains through another LISN. The two LISNs provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- b. Both conducted lines are measured in Quasi-Peak and Average mode, including the worst-case data points for each tested configuration.
- c. The frequency range from 150 kHz to 30 MHz was searched.

[Conducted Emission Limit]

Frequency (MHz)	Resolution Bandwidth (kHz)	Class A		Class B	
		Quasi-Peak (dBμV)	Average (dBμV)	Quasi-Peak (dBμV)	Average (dBμV)
0.15 to 0.5	9	79	66	66 to 56*	56 to 46*
0.5 to 5	9	73	60	56	46
5 to 30	9	73	60	60	50

**Decreases with the logarithm of the frequency.*



3.2 Measurement of Radiated Emission

The test procedure was in accordance with ANSI C63.4-2014

- The EUT was placed on the top of a turn table 0.8 meters above the ground at a semi anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- The EUT was set 3 m away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- The antenna height is varied from 1 m to 4 m above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 m to 4 m and the turn table was turned from 0 degrees to 360 degrees to find the maximum reading.
- The test-receiver system was set to Quasi-Peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.
- The test-receiver system was set to Peak and Average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz.
- Place the measurement antenna away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response.(1 GHz to 40 GHz)

[Radiated Emission Limits]

Frequency (MHz)	Class A			Class B		
	Antenna Distance (m)	Field Strength (μV/m)	Quasi-Peak (dBμV/m)	Antenna Distance (m)	Field Strength (μV/m)	Quasi-Peak (dBμV/m)
30 to 88	10	90	39.0	3	100	40.0
88 to 216	10	150	43.5	3	150	43.5
216 to 960	10	210	46.4	3	200	46.0
Above 960	10	300	49.5	3	500	54.0
Frequency (MHz)	Antenna Distance (m)	Class A		Class B		
		Peak (dBμV/m)	Average (dBμV/m)	Peak (dBμV/m)	Average (dBμV/m)	
Above 1 000	3	80	60	74	54	

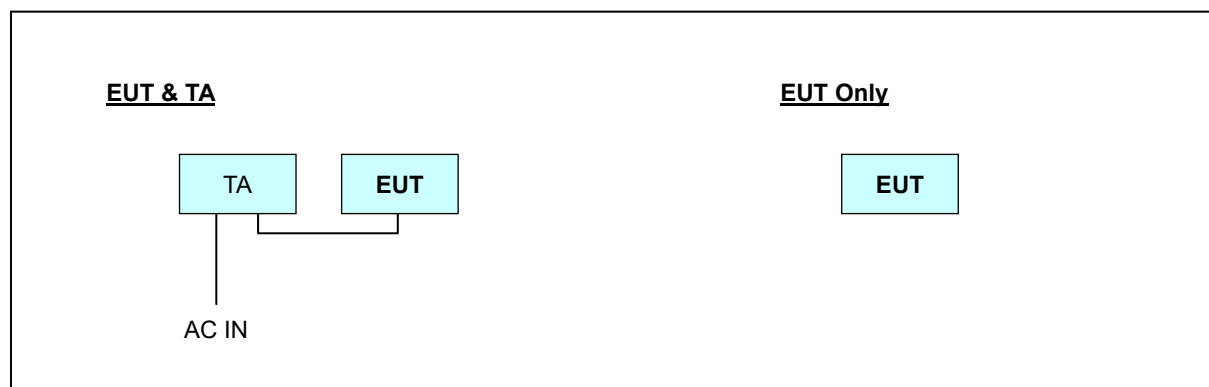


3.2.1 Frequency Range of Radiated Measurements

An unintentional radiator, including a digital device, the spectrum shall be investigated from the lowest radio frequency signal generated or used in the device, without going below the lowest frequency for which a Radiated Emission limit is specified, up to the frequency shown in the following table

Highest frequency generated or used in the device or on which the device operates or tunes (MHz)	Upper frequency of measurement range (MHz)
Below 1.705	30
1.705 to 108	1 000
108 to 500	2 000
500 to 1 000	5 000
Above 1 000	5 th harmonic of the highest frequency or 40 GHz, whichever is lower

3.3 Configuration of Tested System



Non-Conductive Table
Power Line: 120 VAC, 60 Hz



4. PRELIMINARY TEST

4.1 Conducted Emission

During preliminary tests, the following operating mode was investigated:

Operation Mode:

Charging + LTE Cat. M1 RX Receiving + WIFI (2.4G Hz) + Bluetooth Idle mode

4.2 Radiated Emission

During preliminary tests, the following operating mode was investigated:

Operation Mode:

Charging + LTE Cat. M1 RX Receiving + WIFI (2.4 GHz) + Bluetooth Idle mode

LTE Cat. M1 RX Receiving + WIFI (2.4 GHz) + Bluetooth Idle mode

NOTE.

1. All modes of operation were verified and the worst case configuration result was indicated in the test report.



5. CONDUCTED AND RADIATED EMISSION TEST SUMMARY

5.1 Conducted Emission

The test results of conducted emission at mains ports provide the following information:

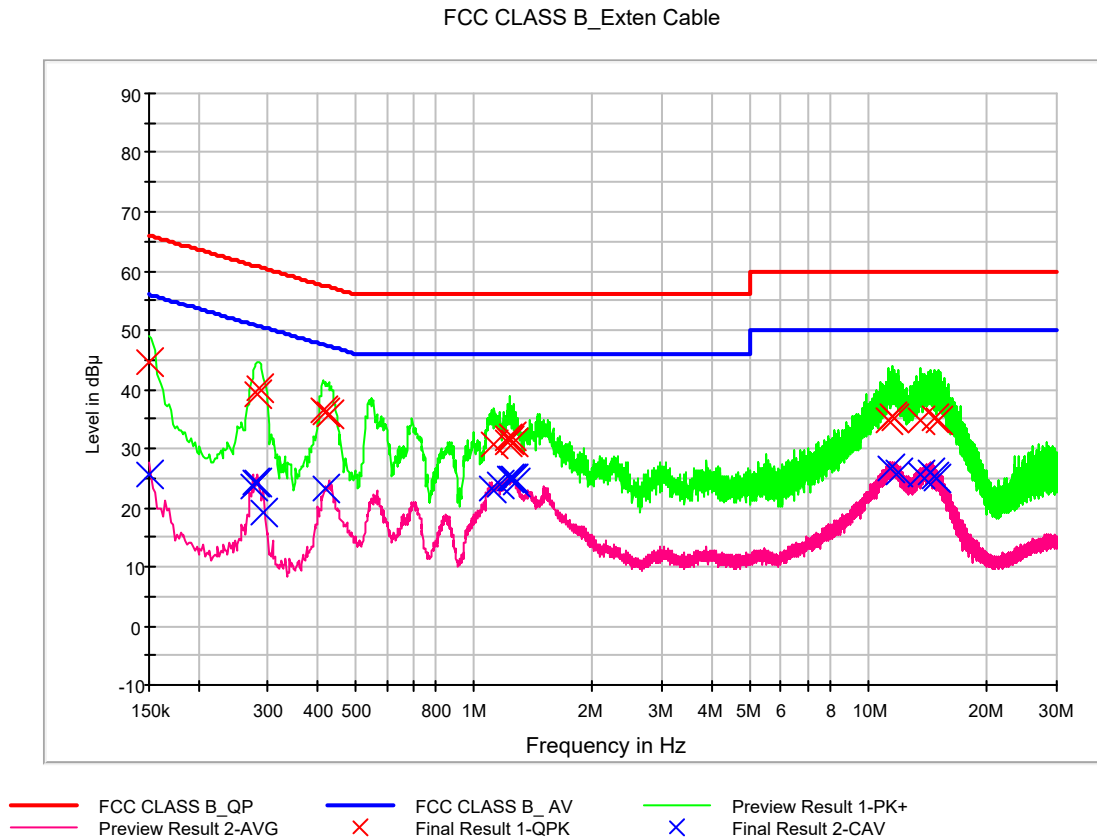
Rule Part / Standard	FCC PART 15 Subpart B Class B
Detector	Quasi-Peak, CISPR-Average
Bandwidth	9 kHz (6 dB)
Kind of Test Site	EMI Shielded Room
Temperature	22.4 °C
Relative Humidity	43.8 %
Test Date	January 28, 2019

- Calculation Formula:

1. Conductor L1 = Hot, Conductor N = Neutral
2. Corr. = LISN Factor + Cable Loss
3. QuasiPeak or CAverage= Receiver Reading + Corr.
4. Margin = Limit – QuasiPeak or CAverage



Figure 1: Conducted Emission, Charging + LTE Cat. M1 RX Receiving + WIFI (2.4G Hz) + Bluetooth Idle mode, Line (L1)





QuasiPeak Final Result, Line (L1)

Frequency (MHz)	QuasiPeak (dBuV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.150000	44.5	9.000	L1	9.7	21.5	66.0
0.282000	39.3	9.000	L1	9.7	21.5	60.8
0.286000	40.2	9.000	L1	9.7	20.4	60.6
0.414000	36.4	9.000	L1	9.7	21.2	57.6
0.420000	36.1	9.000	L1	9.7	21.3	57.4
0.428000	35.6	9.000	L1	9.7	21.7	57.3
1.128000	30.6	9.000	L1	9.8	25.4	56.0
1.214000	31.8	9.000	L1	9.8	24.2	56.0
1.222000	30.9	9.000	L1	9.8	25.1	56.0
1.234000	31.4	9.000	L1	9.8	24.6	56.0
1.242000	31.9	9.000	L1	9.9	24.1	56.0
1.258000	31.0	9.000	L1	9.9	25.0	56.0
11.196000	34.7	9.000	L1	10.3	25.3	60.0
11.474000	35.4	9.000	L1	10.3	24.6	60.0
11.640000	35.2	9.000	L1	10.3	24.8	60.0
13.584000	34.6	9.000	L1	10.4	25.4	60.0
14.714000	35.2	9.000	L1	10.4	24.8	60.0
15.056000	34.6	9.000	L1	10.4	25.4	60.0

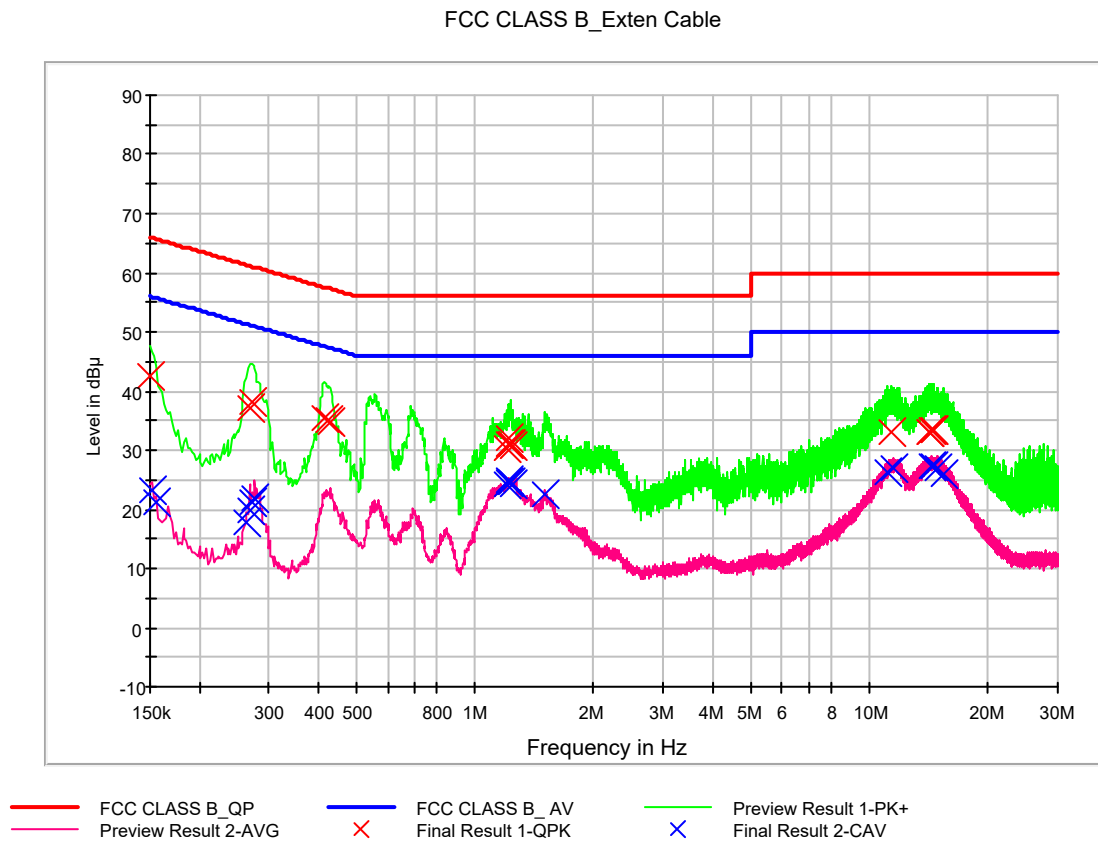


CAverage Final Result, Line (L1)

Frequency (MHz)	CAverage (dBuV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.150000	25.8	9.000	L1	9.7	30.2	56.0
0.274000	23.6	9.000	L1	9.7	27.4	51.0
0.278000	24.3	9.000	L1	9.7	26.5	50.9
0.282000	24.2	9.000	L1	9.7	26.6	50.8
0.292000	19.2	9.000	L1	9.7	31.2	50.5
0.420000	23.3	9.000	L1	9.7	24.2	47.4
1.114000	23.3	9.000	L1	9.8	22.7	46.0
1.164000	23.9	9.000	L1	9.8	22.1	46.0
1.232000	25.0	9.000	L1	9.8	21.0	46.0
1.242000	24.8	9.000	L1	9.9	21.2	46.0
1.258000	24.9	9.000	L1	9.9	21.1	46.0
1.278000	24.2	9.000	L1	9.9	21.8	46.0
11.416000	26.7	9.000	L1	10.3	23.3	50.0
11.922000	25.8	9.000	L1	10.3	24.2	50.0
13.584000	25.6	9.000	L1	10.4	24.4	50.0
14.286000	26.0	9.000	L1	10.4	24.0	50.0
14.700000	25.4	9.000	L1	10.4	24.6	50.0
14.878000	25.0	9.000	L1	10.4	25.0	50.0



Figure 2: Conducted Emission, Charging + LTE Cat. M1 RX Receiving + WIFI (2.4G Hz) + Bluetooth Idle mode, Line (N)





QuasiPeak Final Result, Line (N)

Frequency (MHz)	QuasiPeak (dBuV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.150000	42.7	9.000	N	9.8	23.3	66.0
0.268000	37.3	9.000	N	9.9	23.9	61.2
0.272000	38.3	9.000	N	9.9	22.8	61.1
0.414000	35.3	9.000	N	9.9	22.3	57.6
0.426000	35.0	9.000	N	9.9	22.3	57.3
0.432000	34.6	9.000	N	9.9	22.6	57.2
1.210000	30.3	9.000	N	10.0	25.7	56.0
1.214000	32.1	9.000	N	10.0	23.9	56.0
1.224000	31.0	9.000	N	10.0	25.0	56.0
1.230000	31.1	9.000	N	10.0	24.9	56.0
1.238000	31.1	9.000	N	10.0	24.9	56.0
1.246000	30.7	9.000	N	10.0	25.3	56.0
11.406000	32.9	9.000	N	10.5	27.1	60.0
14.122000	33.1	9.000	N	10.6	26.9	60.0
14.236000	33.2	9.000	N	10.6	26.8	60.0
14.364000	33.4	9.000	N	10.6	26.6	60.0
14.516000	33.4	9.000	N	10.6	26.6	60.0
14.596000	33.2	9.000	N	10.7	26.8	60.0



CAverage Final Result, Line (N)

Frequency (MHz)	CAverage (dBuV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.152000	23.3	9.000	N	9.8	32.6	55.9
0.156000	21.2	9.000	N	9.8	34.5	55.7
0.264000	17.9	9.000	N	9.9	33.4	51.3
0.268000	19.9	9.000	N	9.9	31.3	51.2
0.272000	21.2	9.000	N	9.9	29.8	51.1
0.276000	21.9	9.000	N	9.9	29.1	50.9
1.206000	24.2	9.000	N	10.0	21.8	46.0
1.214000	24.5	9.000	N	10.0	21.5	46.0
1.224000	24.8	9.000	N	10.0	21.2	46.0
1.232000	24.7	9.000	N	10.0	21.3	46.0
1.246000	24.3	9.000	N	10.0	21.7	46.0
1.504000	22.5	9.000	N	10.1	23.5	46.0
11.148000	26.2	9.000	N	10.5	23.8	50.0
11.540000	26.8	9.000	N	10.5	23.2	50.0
14.418000	27.2	9.000	N	10.6	22.8	50.0
14.596000	27.2	9.000	N	10.7	22.8	50.0
14.878000	26.9	9.000	N	10.7	23.1	50.0
15.488000	25.9	9.000	N	10.7	24.1	50.0



5.2 Radiated Emission

The test results of radiated emission provide the following information:

For Measurement Below 1 GHz

Rule Part / Standard	FCC PART 15 Subpart B Class B
Detector	Quasi-Peak
Bandwidth	120 kHz (6 dB)
Kind of Test Site	3 m semi anechoic chamber
Temperature	22.2 °C
Relative Humidity	44.0 %
Test Date	February 02, 2019

- Calculation Formula:

1. POL. H = Horizontal, POL. V = Vertical
2. QuasiPeak = Reading (Receiver Reading) + Corr.
3. Corr. (Correction Factor) = Antenna Factor + Cable Loss
4. Margin = Limit - QuasiPeak


Charging + LTE Cat. M1 RX Receiving + WIFI (2.4 GHz) + Bluetooth Idle mode

Frequency (MHz)	Quasi Peak (dBμV/m)	Antenna Height (cm)	POL. (H/V)	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)
41.132800	20.0	117.7	H	308.0	20.0	20.0	40.0
45.704800	20.0	174.8	V	26.0	20.2	20.0	40.0
61.892800	20.0	99.8	H	195.0	19.3	20.0	40.0
240.040000	26.0	125.3	V	336.0	18.4	20.0	46.0
482.549600	23.7	274.7	V	252.0	24.9	22.3	46.0
698.689600	28.5	207.9	H	0.0	28.8	17.5	46.0

LTE Cat. M1 RX Receiving + WIFI (2.4 GHz) + Bluetooth Idle mode

Frequency (MHz)	Quasi Peak (dBμV/m)	Antenna Height (cm)	POL. (H/V)	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)
33.169600	20.0	275.0	H	34.0	18.6	20.0	40.0
33.280800	21.0	100.0	H	311.0	18.6	19.0	40.0
49.395200	20.0	307.9	H	80.0	20.4	20.0	40.0
64.064000	21.0	274.9	V	63.0	19.0	19.0	40.0
148.934400	26.0	100.0	H	345.0	19.9	17.5	43.5
885.739200	35.0	225.2	V	30.0	31.0	11.0	46.0

**For Measurement Above 1 GHz**

Rule Part / Standard	FCC PART 15 Subpart B Class B
Detector	Peak mode: Peak (RBW: 1 MHz, VBW: 3 MHz) CISPR-Average mode: Peak (RBW: 1 MHz, VBW: 10 Hz)
Highest Operating Frequency	2 480 MHz
Tested Frequency Range	1 GHz to 18 GHz
Kind of Test Site	3 m semi anechoic chamber
Temperature	21.5 °C
Relative Humidity	42.5 %
Test Date	February 10, 2019

- Calculation Formula:

1. POL. H = Horizontal, POL. V = Vertical
2. Peak or CAverage = Reading (Receiver Reading) + Corr.
3. Corr. (Correction Factor) = Antenna Factor+ Cable Loss –Amplifier Gain
4. Margin = Limit - Peak or CAverage


Charging + LTE Cat. M1 RX Receiving + WIFI (2.4 GHz) + Bluetooth Idle mode

Frequency (MHz)	Peak (dBμV/m)	Antenna Height (cm)	POL. (H/V)	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)
1740.070000	31.4	160.5	V	23.0	-27.3	42.6	74.0
4749.285000	35.6	113.4	V	309.0	-19.0	38.4	74.0
5938.645000	37.7	150.0	V	55.0	-17.2	36.3	74.0
7410.435000	41.3	350.0	V	278.0	-13.0	32.7	74.0
9854.495000	43.7	99.7	V	330.0	-9.5	30.3	74.0
11031.590000	45.5	99.7	V	50.0	-5.6	28.5	74.0

Frequency (MHz)	CAverage (dBμV/m)	Antenna Height (cm)	POL. (H/V)	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)
1740.070000	18.6	160.5	V	23.0	-27.3	35.4	54.0
4749.285000	22.9	113.4	V	309.0	-19.0	31.1	54.0
5938.645000	24.5	150.0	V	55.0	-17.2	29.5	54.0
7410.435000	28.7	350.0	V	278.0	-13.0	25.3	54.0
9854.495000	31.0	99.7	V	330.0	-9.5	23.0	54.0
11031.590000	33.0	99.7	V	50.0	-5.6	21.0	54.0

LTE Cat. M1 RX Receiving + WIFI (2.4 GHz) + Bluetooth Idle mode

Frequency (MHz)	Peak (dBμV/m)	Antenna Height (cm)	POL. (H/V)	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)
2044.340000	31.7	149.9	V	3.0	-26.6	42.3	74.0
4277.700000	35.7	249.9	H	256.0	-20.1	38.3	74.0
5617.905000	36.8	124.6	H	174.0	-17.7	37.2	74.0
7471.050000	41.0	318.5	H	0.0	-12.8	33.0	74.0
9901.575000	43.4	338.6	V	316.0	-9.5	30.6	74.0
10953.840000	45.2	249.4	V	190.0	-5.8	28.8	74.0

Frequency (MHz)	CAverage (dBμV/m)	Antenna Height (cm)	POL. (H/V)	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)
2044.340000	18.8	149.9	V	3.0	-26.6	35.2	54.0
4277.700000	22.6	249.9	H	256.0	-20.1	31.4	54.0
5617.905000	24.1	124.6	H	174.0	-17.7	29.9	54.0
7471.050000	28.3	318.5	H	0.0	-12.8	25.7	54.0
9901.575000	30.9	338.6	V	316.0	-9.5	23.1	54.0
10953.840000	32.8	249.4	V	190.0	-5.8	21.2	54.0



6. CONCLUSION

The data collected shows that the **EUT Type: Smart Locator, Model: LT70B** complies with §15.107 and §15.109 of the FCC rules.



7. APPENDIX A. TEST SETUP PHOTOGRAPHS

Please refer to Appendix A