



TEST REPORT

Applicant	Nebra Ltd
Address	Unit 4 Bells Yew Green Business Court, Bells Yew Green, East Sussex, United Kingdom
Manufacturer	Shenzhen Eastech Company Limited.
Address	2nd floor, 3rd building, Baishixia Development Area, Fuyong Street, Bao'an District, Shenzhen City, Guangdong Province, China.
Product Name:	mini usb wifi dongle
Trade Mark:	N/A
Model Number:	FX-8188EA
Prepared By:	Shenzhen DL Testing Technology Co., Ltd.
Address:	101-201, Building C, Shuanghuan, No.8, Baoqing Road, Baolong Industrial Zone, Baolong Street, Longgang District, Shenzhen, Guangdong, China
Test Date:	May. 22, 2021 - May. 31, 2021
Date of Report:	May. 31, 2021
Report No.:	DL-20210531030R
Test Standard	IEC62321-1: 2013; IEC62321-3-1:2013; IEC62321-4:2013+A1:2017; IEC62321-5:2013; IEC62321-6:2015; IEC62321-7-1:2015 IEC62321-7-2:2017; IEC62321-8:2017
Comment	Based on the performed tests on submitted samples, the results of Pb, Cd, Hg, Cr(VI), PBBs, PBDEs, DBP, BBP, DEHP, DIBP comply with the limits as set by EU RoHS Directive 2011/65/EU and its amendment Directive EU 2015/863.

Prepared (Engineer): Alisa Song

Approved (Manager): Jade Yang



This test report is based on a single evaluation of one sample of above mentioned products. It is not permitted to be duplicated in extracts without written approval of Shenzhen DL Testing Technology Co., Ltd.



1. VERSION

Version No.	Date	Description
00	May. 31, 2021	Original

Tested Item and Limit:

List of Analytes and their Corresponding Test Methods, Detection Limit and Maximum Allowable Limit [for European Council Directive 2011/65/EU and its amendment Directive EU 2015/863]

Name of Analytes	Detection Limit (mg/kg)				Maximum Allowable Limit (mg/kg)
	X-ray fluorescence (XRF)			Wet Chemistry	
	Plastic	Metallic / glass / ceramic	Others		
Lead (Pb)	100	200	200	10	1000
Cadmium (Cd)	50	50	50	10	100
Mercury (Hg)	100	200	200	10	1000
Chromium (Cr)	100	200	200	NA	NA
Chromium VI (Cr VI)	NA	NA	NA	10	1000 / Negative
Bromine (Br)	200	NA	200	NA	NA
Polybromobiphenyls (PBBs) - Bromobiphenyl (MonoBB) - Dibromobiphenyl (DiBB) - Tribromobiphenyl (TriBB) - Tetrabromobiphenyl (TetraBB) - Pentabromobiphenyl (PentaBB) - Hexabromobiphenyl (HexaBB) - Heptabromobiphenyl (HeptaBB) - Octabromobiphenyl (OctaBB) - Nonabromobiphenyl (NonaBB) - Decabromobiphenyl (DecaBB)	NA	NA	NA	Each 50	Sum 1000
Polybromodiphenyl ethers (PBDEs) - Bromodiphenyl ether (MonoBDE) - Dibromodiphenyl ether (DiBDE) - Tribromodiphenyl ether (TriBDE) - Tetrabromodiphenyl ether (TetraBDE) - Pentabromodiphenyl ether (PentaBDE) - Hexabromodiphenyl ether (HexaBDE) - Heptabromodiphenyl ether (HeptaBDE) - Octabromodiphenyl ether (OctaBDE) - Nonabromodiphenyl ether (NonaBDE)	NA	NA	NA	Each 50	Sum 1000

**List of Analytes and their Corresponding Test Methods, Detection Limit and Maximum Allowable Limit [for European Council Directive 2011/65/EU and its amendment Directive EU 2015/863]**

Name of Analytes	Detection Limit (mg/kg)				Maximum Allowable Limit (mg/kg)
	X-ray fluorescence (XRF)			Wet Chemistry	
	Plastic	Metallic / glass / ceramic	Others		
- Decabromodiphenyl ether (DecaBDE)					
Dibutyl phthalate (DBP) Di-(2-ethyl hexyl) phthalate (DEHP) Benzyl butyl phthalate (BBP) Di-(iso-butyl) phthalate (DIBP)	NA	NA	NA	Each 50	Each 1000

Tested Sample/Part Description:

Test Item(s)	Component Description(s)	Style
1.	Silvery Metal	-
2.	White Plastic	-
3.	Silvery Metal	-
4.	Yellow Metal	-
5.	Black Casing	-
6.	Black Casing	-
7.	Yellow Metal	-
8.	Black Plastic	-
9.	Black Plastic	-
10.	Chip Resistor	-
11.	Chip Resistor	-
12.	Chip Resistor	-
13.	Chip Resistor	-
14.	Chip Resistor	-
15.	Chip	-
16.	LED Lamp Beads	-
17.	Chip	-
18.	Solder	-
19.	PCB Board	-
20.	Solder	-



Test Results

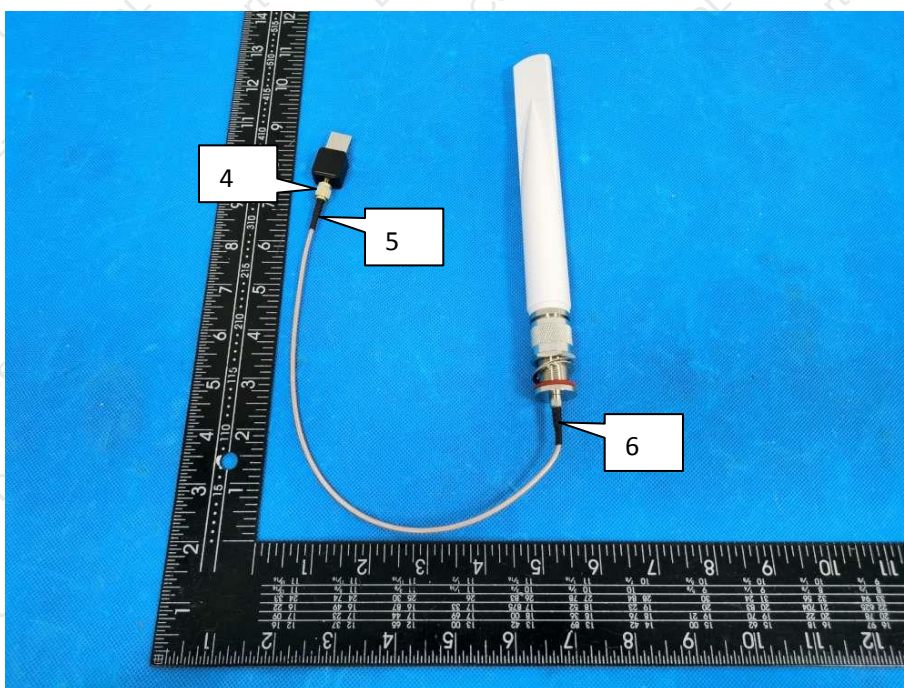
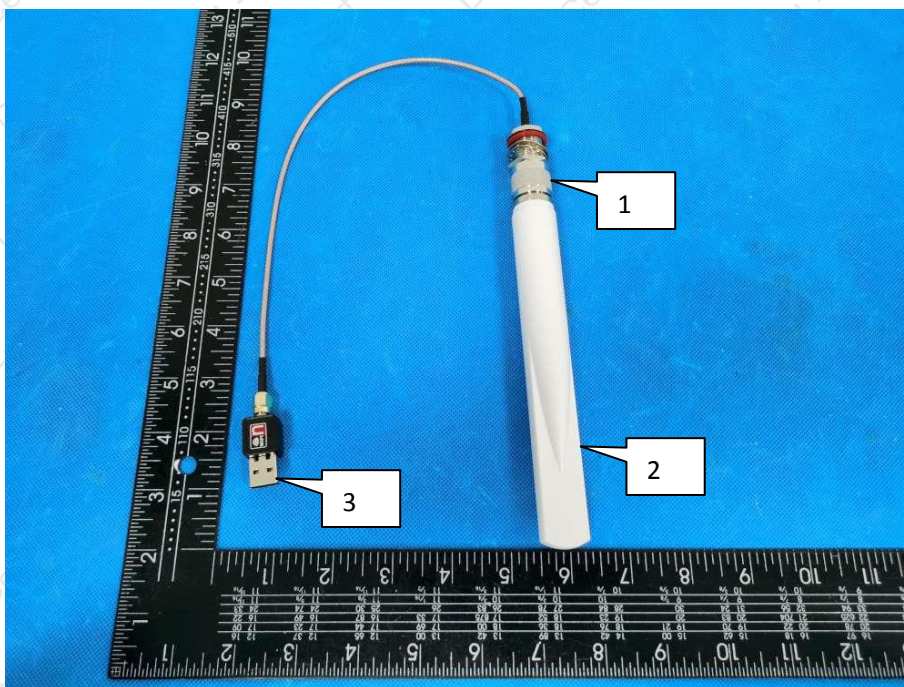
Test Item(s)	Test Partner mg/kg										Conclusion
	Pb	Cd	Hg	Cr VI	PBBs	PBDEs	DBP	DEHP	BBP	DIBP	
1	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	--	--	--	--	PASS
2	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	PASS
3	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	--	--	--	--	PASS
4	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	PASS
5	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	PASS
6	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	PASS
7	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	PASS
8	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	--	--	--	--	PASS
9	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	--	--	--	--	PASS
10	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	PASS
11	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	PASS
12	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	PASS
13	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	PASS
14	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	PASS
15	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	PASS
16	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	PASS
17	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	PASS
18	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	PASS
19	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	PASS
20	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	PASS

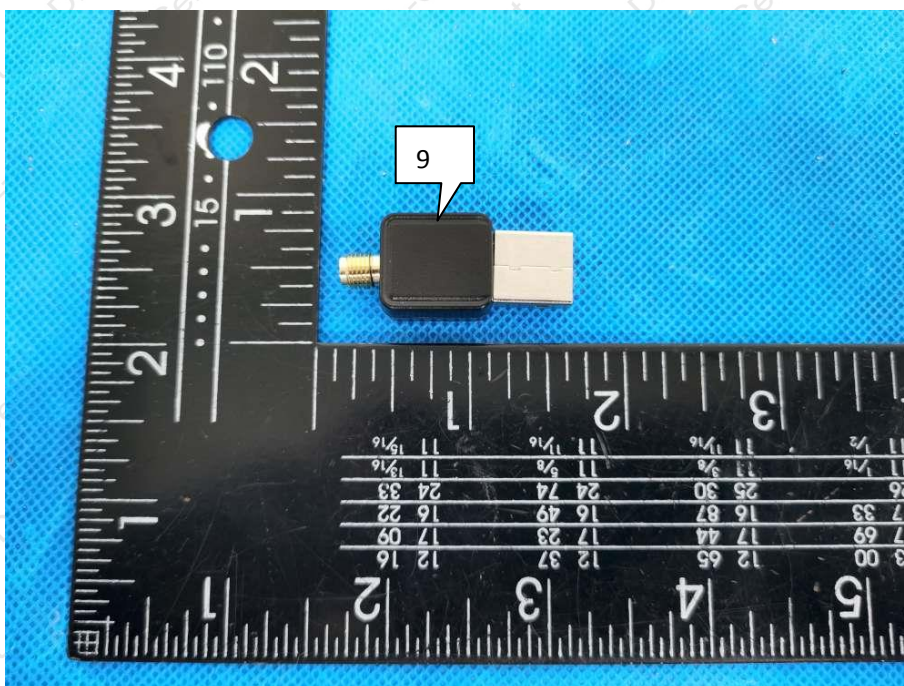
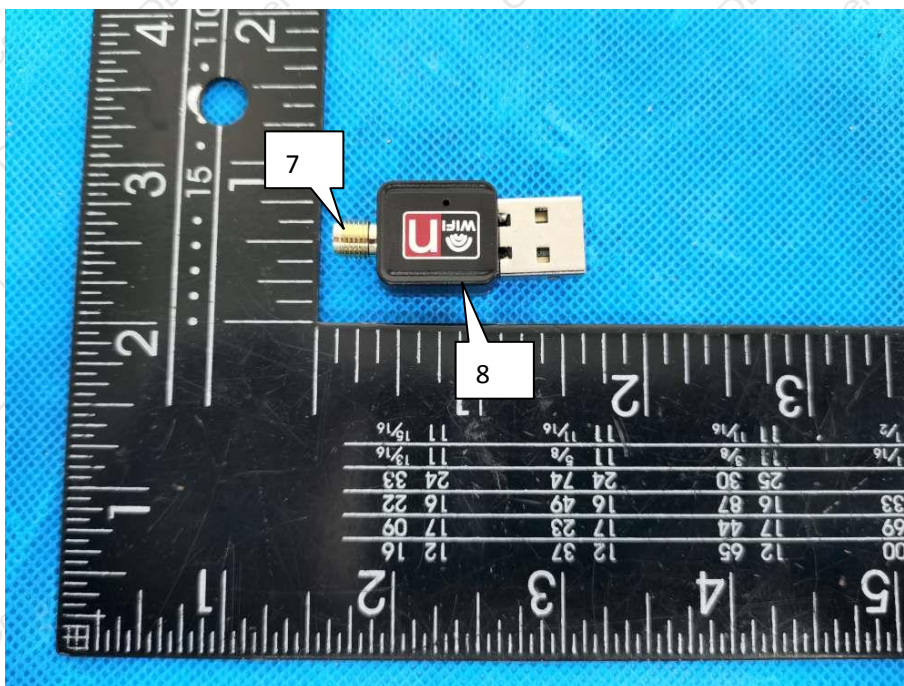
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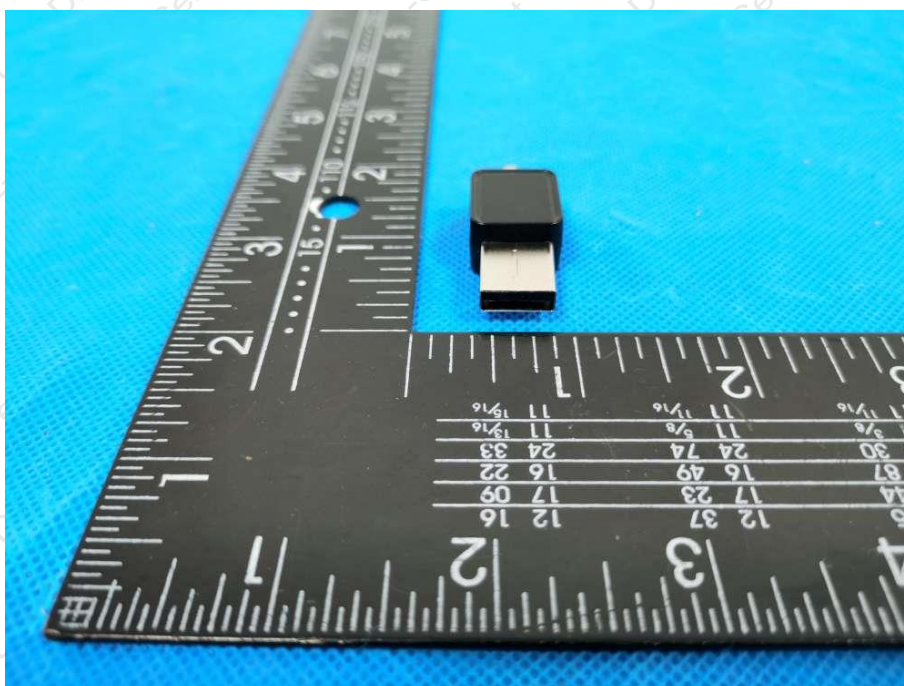
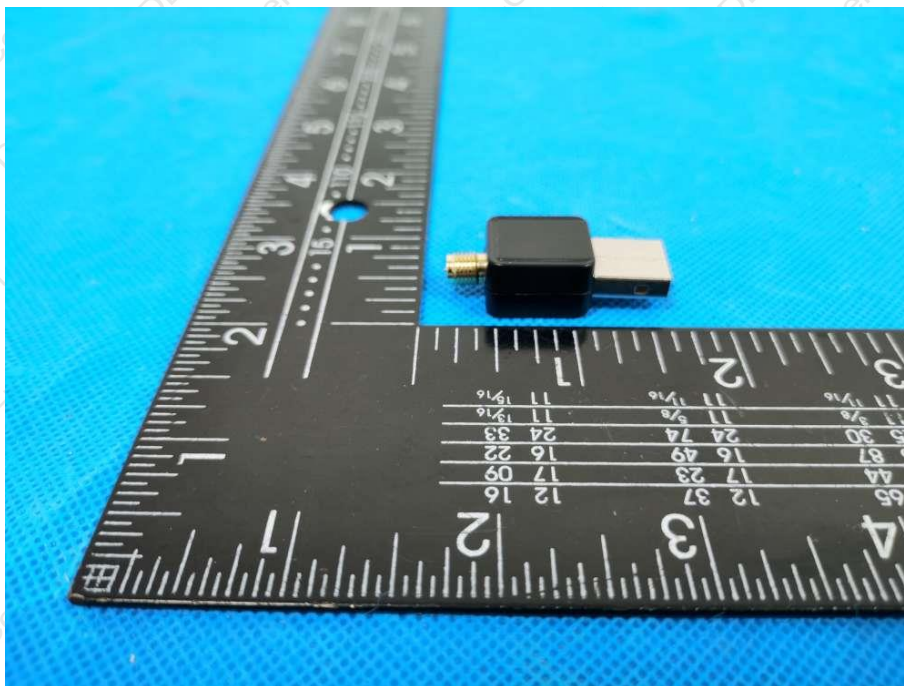
- (1) mg/kg = ppm=parts per million
- (2) N.D. = not detected (<MDL)
- (3) MDL=Method Detection Limit
- (4) “—”=Not regulated

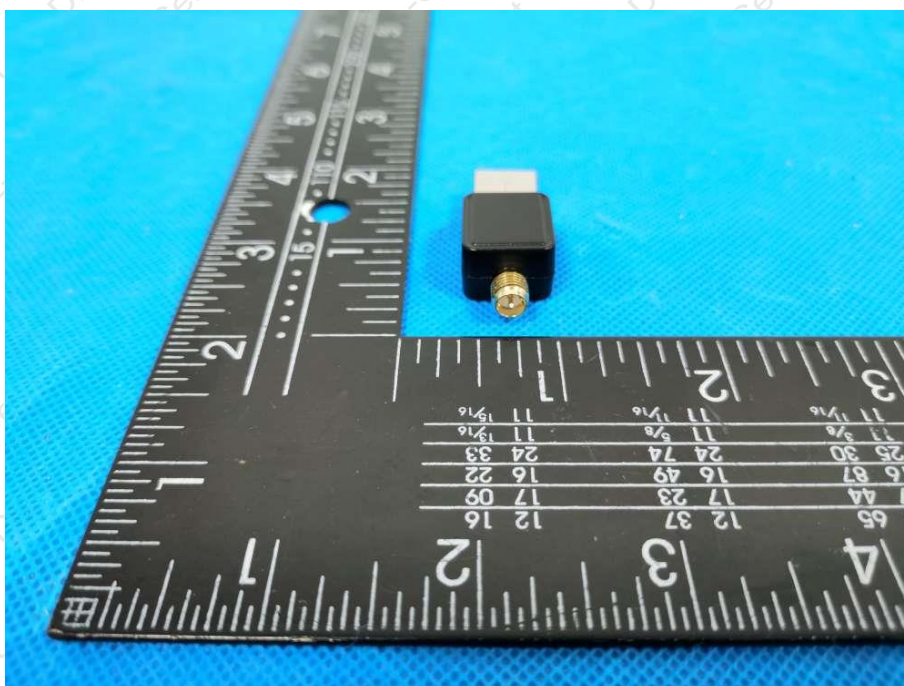
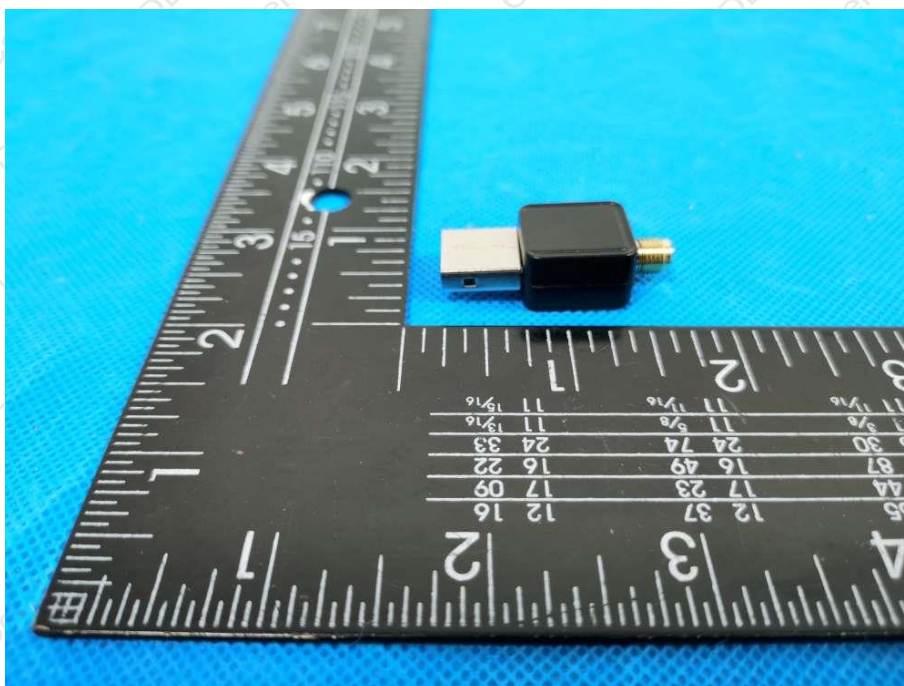


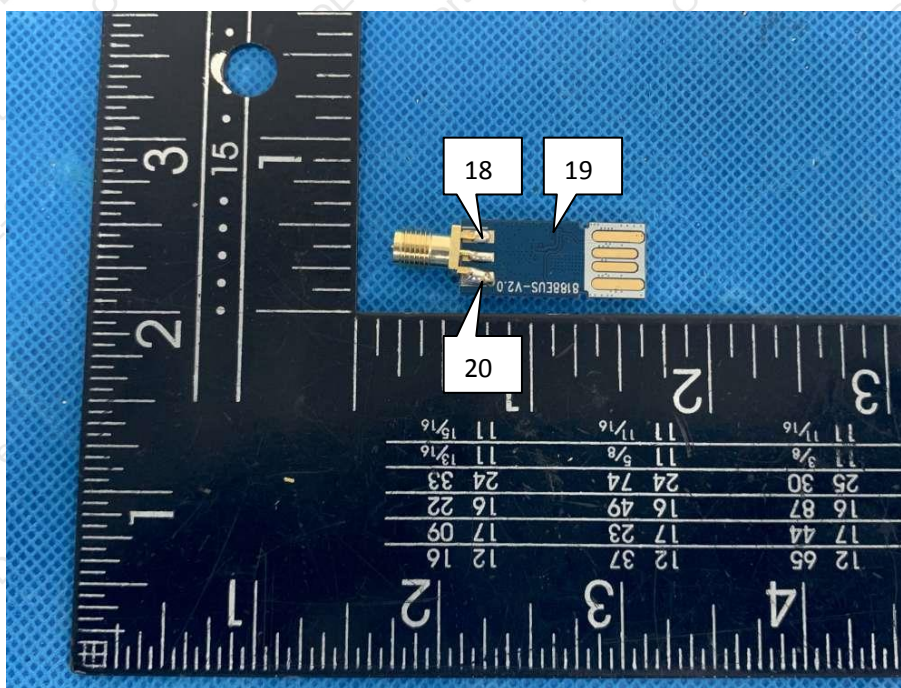
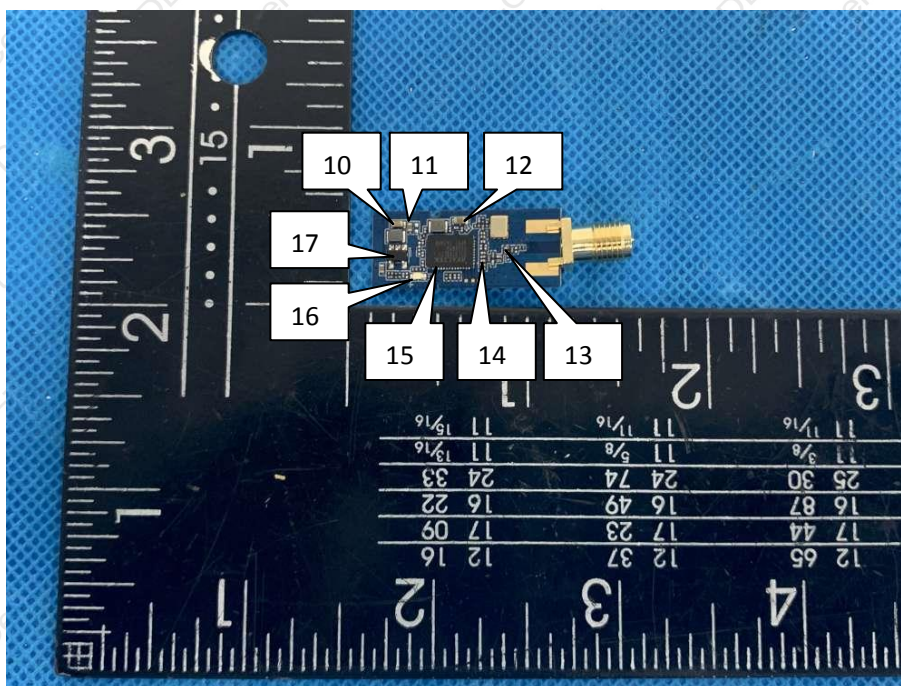
EUT PHOTOGRAPHS











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