



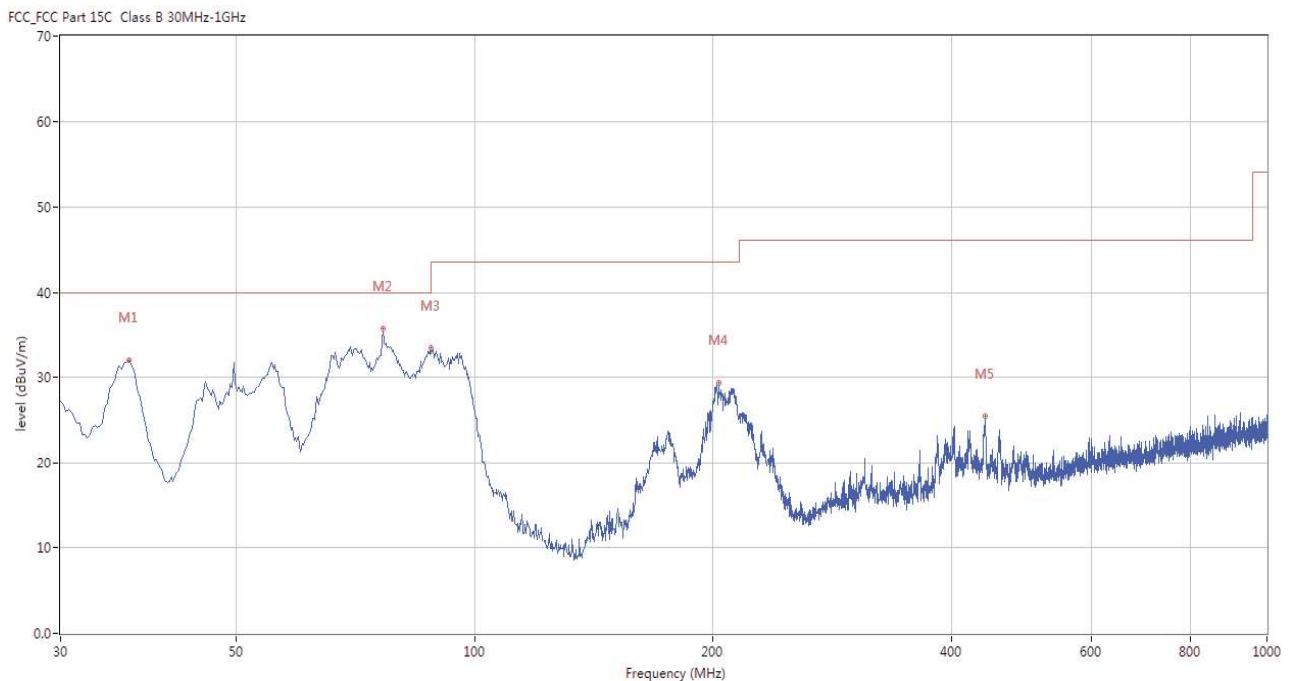
B. General Radiated Emission Data

Radiated Emission In Vertical (30MHz----1000MHz)

EUT set Condition: Keep Transmitting

Results: Pass

Please refer to following diagram for individual



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	36.546	32.02	-13.45	40.0	-7.98	Peak	94.00	100	Vertical	Pass
2	76.548	35.77	-17.60	40.0	-4.23	Peak	318.00	100	Vertical	Pass
3	87.943	33.48	-15.63	40.0	-6.52	Peak	216.00	100	Vertical	Pass
4	203.344	29.36	-13.46	43.5	-14.14	Peak	180.00	100	Vertical	Pass
5	440.692	25.39	-8.04	46.0	-20.61	Peak	353.00	100	Vertical	Pass

Note: only the worst case recorded in the test report.

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7.0 20dB Bandwidth Testing

7.1 Test Procedure

With the EUT's antenna attached, the EUT's 20dB Bandwidth was received by the test antenna which was connected to the spectrum analyzer with the START and STOP frequencies set to the EUT's operation band.

7.3 Test Data

Frequency (MHz)	20dB Bandwidth Emission (kHz)	Limit (kHz)	Result
0.175	3.43	--	Pass

Refer to attached plots:

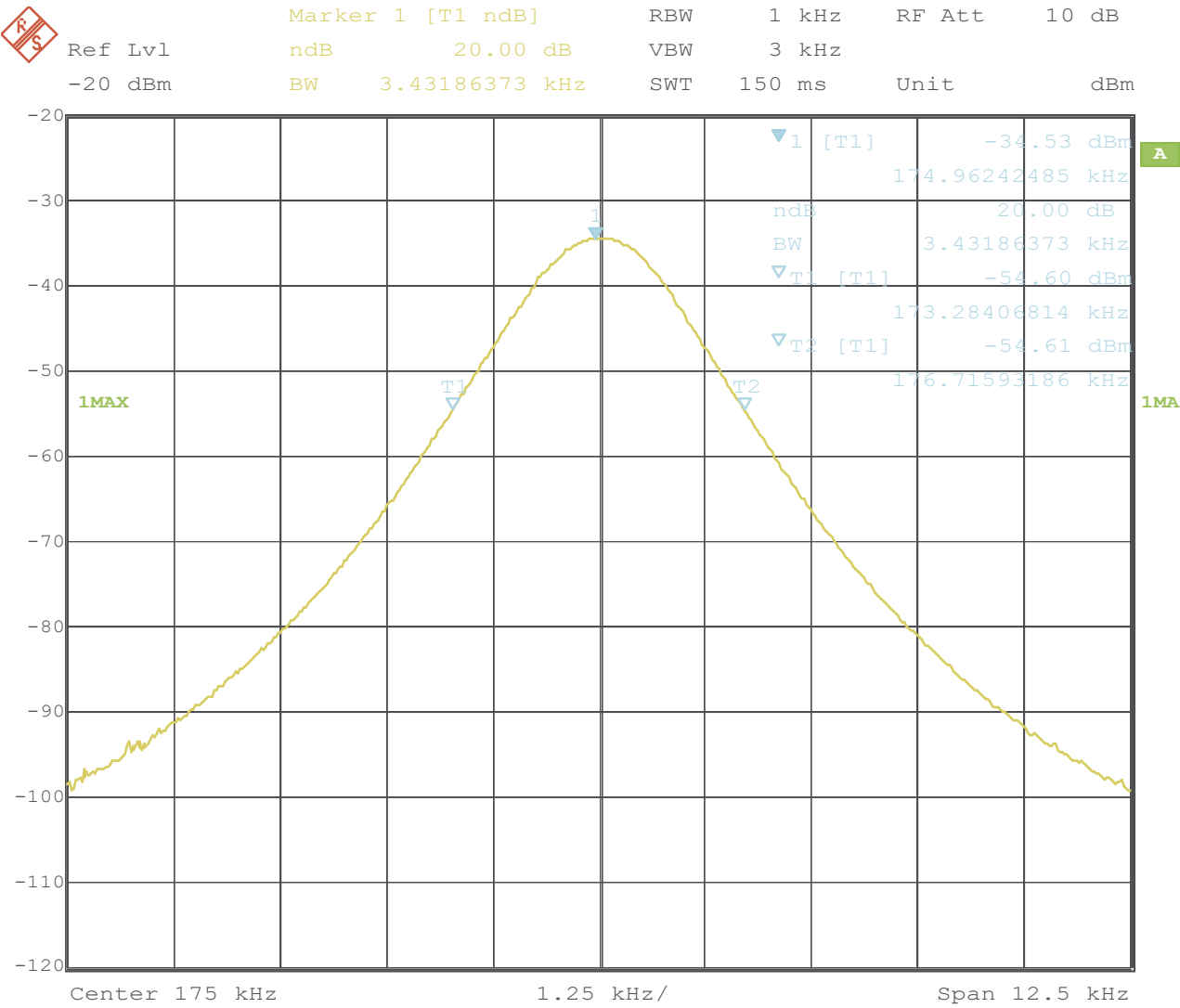
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20dB Bandwidth



Date: 9.JUN.2021 10:48:00

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8.0 Antenna Requirement

8.1 Standard Applicable

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this Section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of Sections 15.211, 15.213, 15.217, 15.219, or 15.221. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with Section 15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this Part are not exceeded.

8.2 Antenna Connected constructions

The antenna is Inductive Loop Antenna. The antenna gain is 0dBi. So it meets the requirement of 15.203

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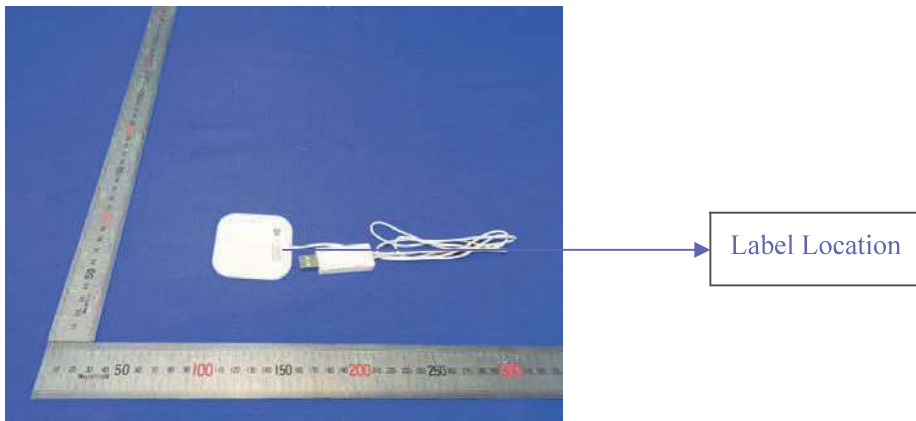


9.0 FCC ID Label

FCC ID: 2APYY-AB0297

The label must not be a stick-on paper label. The label on these products must be permanently affixed to the product and readily visible at the time of purchase and must last the expected lifetime of the equipment not be readily detachable.

Mark Location:



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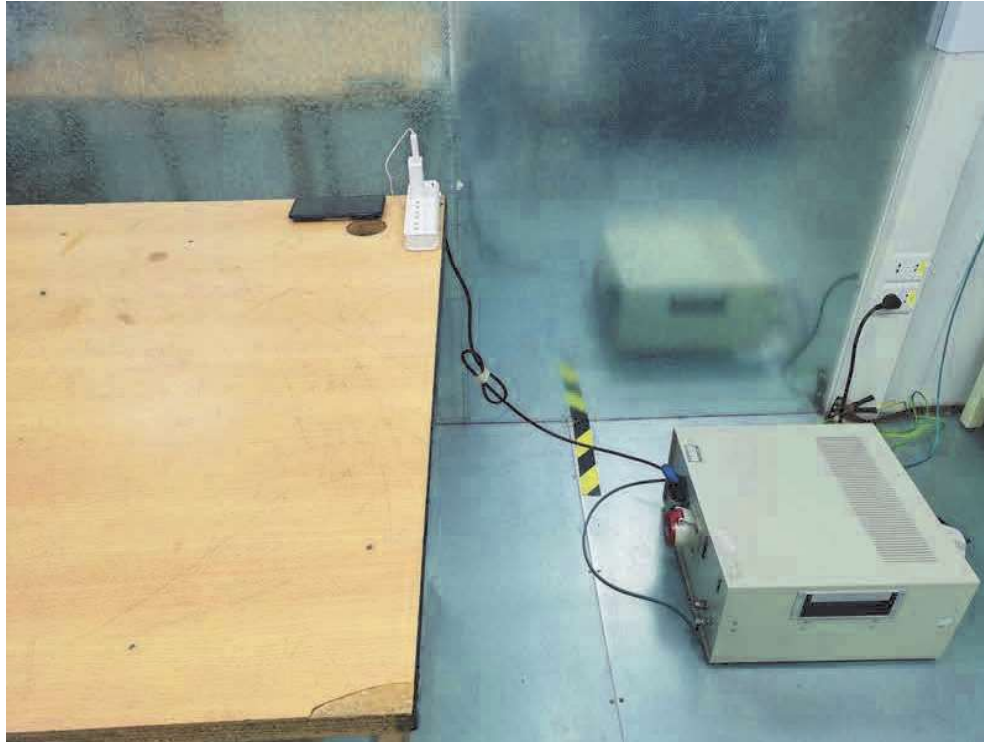
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10.0. Photo of testing

10.1 Conducted test View



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10.2 Radiated emission test view



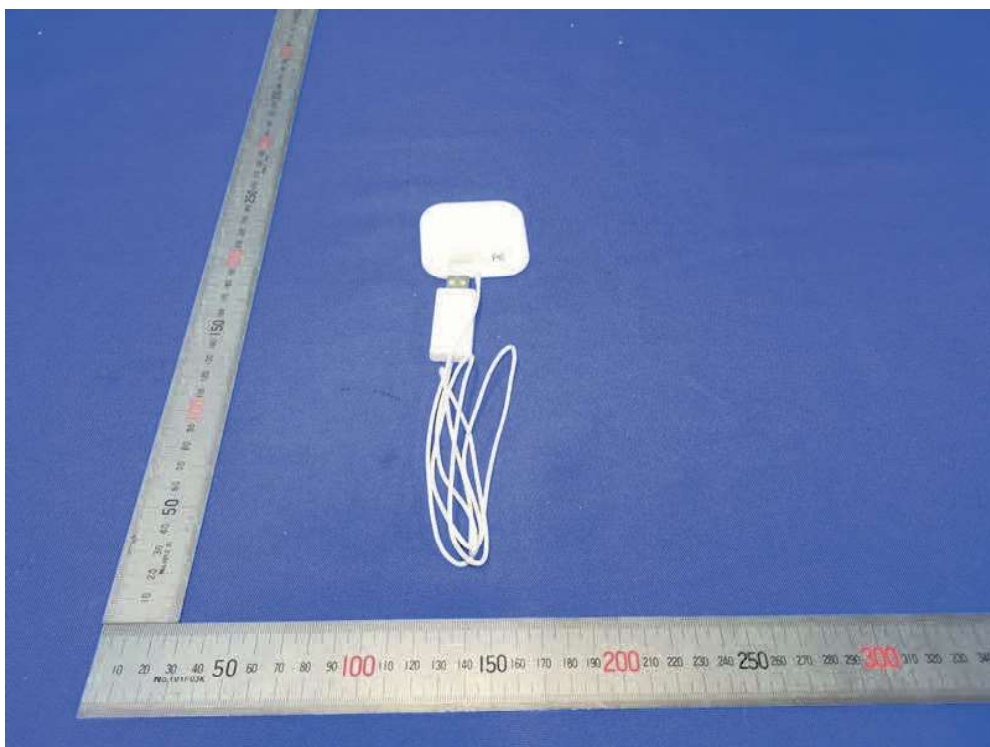
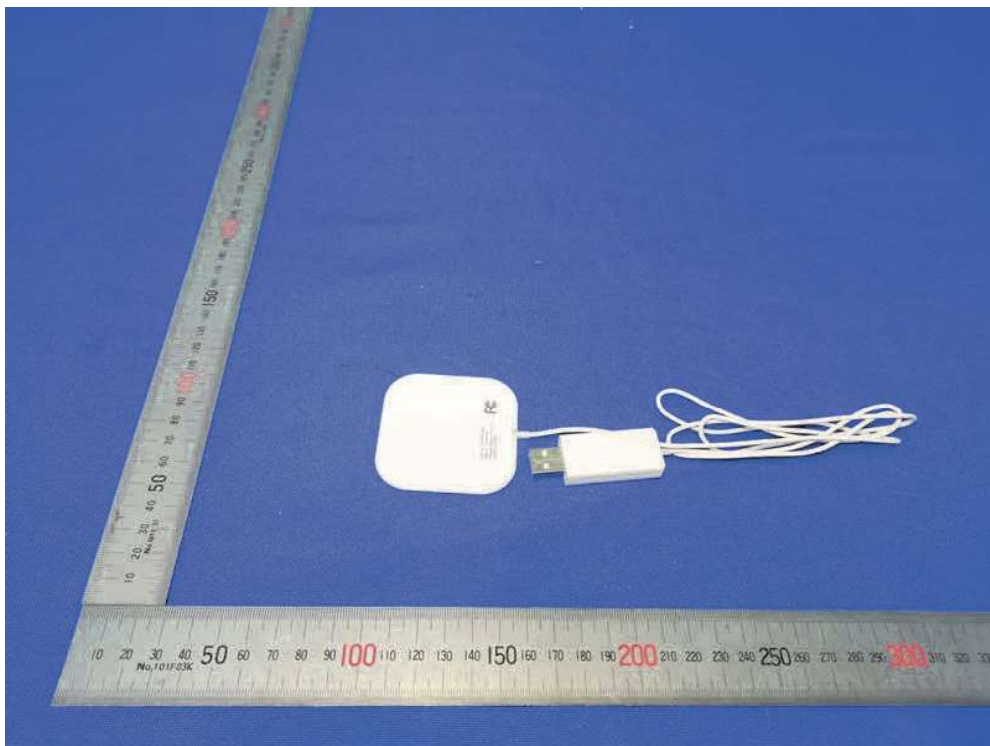
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Photo for the EUT



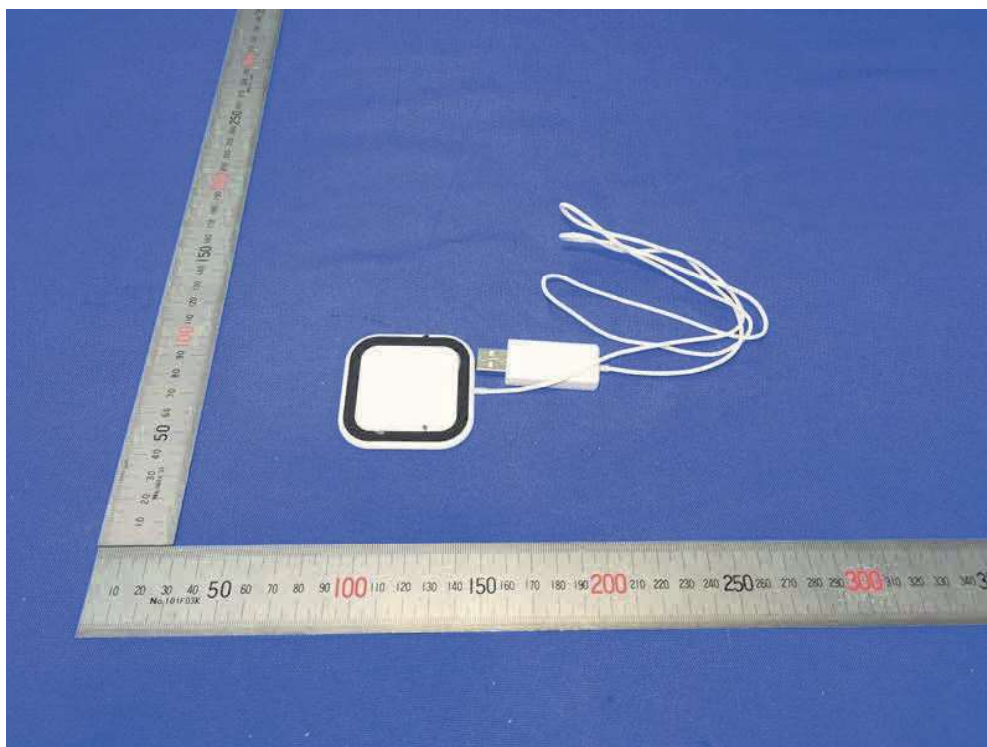
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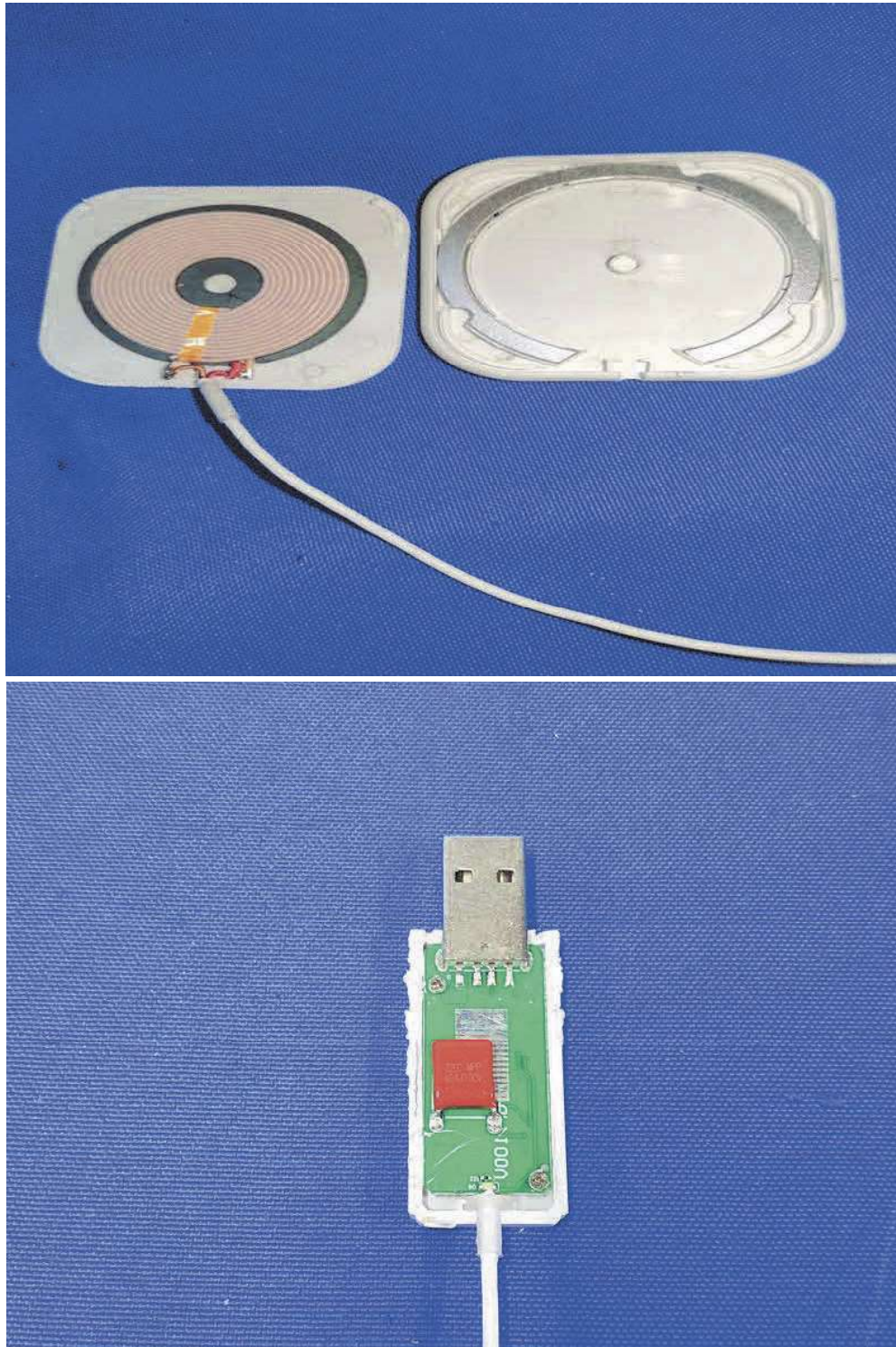
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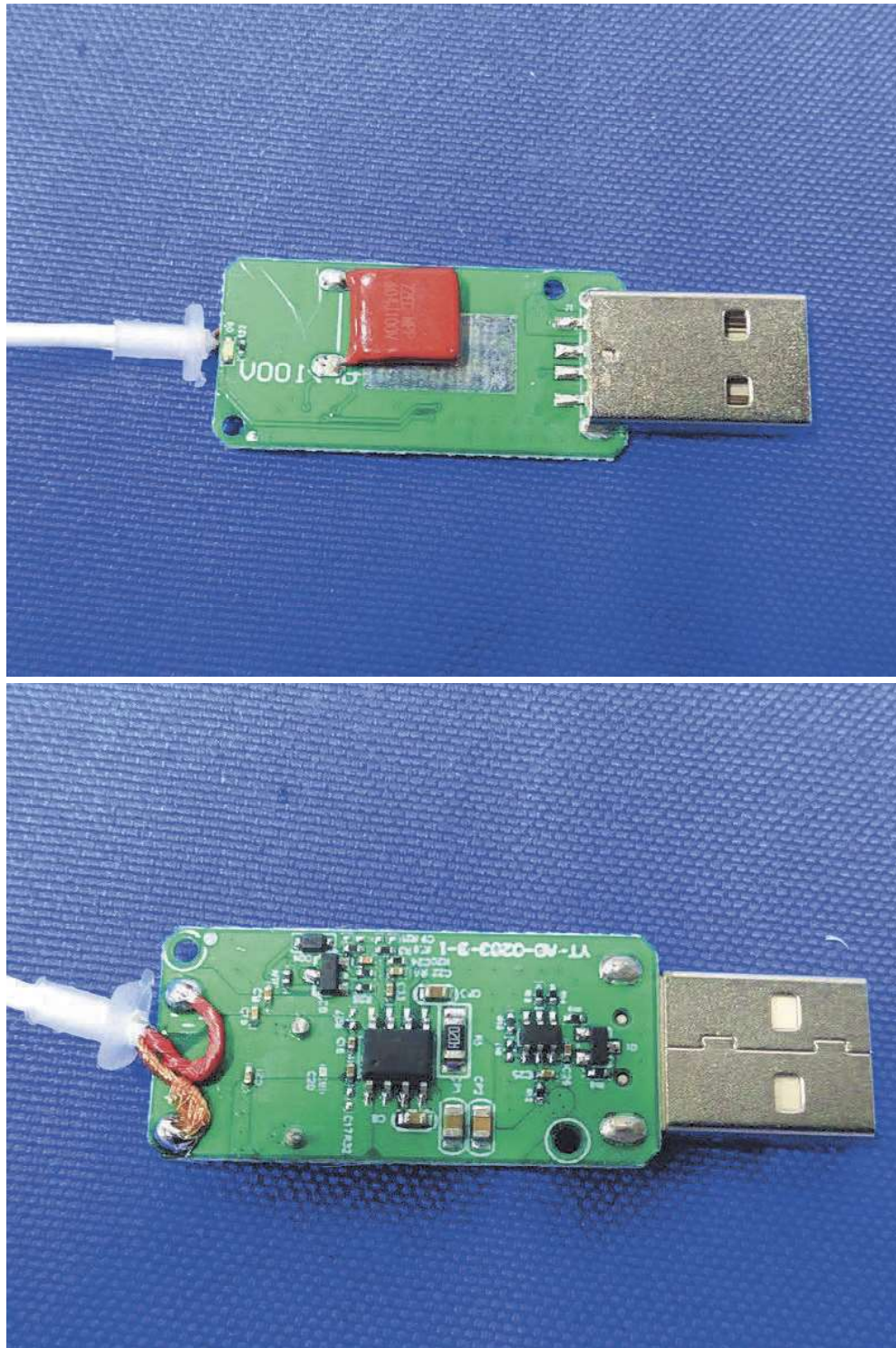
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Photo for the EUT



-End of the report-

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