



Conducted Emission Method

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-0.35	-0.35	---	PASS
DH5	Ant1	2402	30~1000	-0.35	-54.62	≤-20.35	PASS
DH5	Ant1	2402	1000~26500	-0.35	-42.4	≤-20.35	PASS
DH5	Ant1	2441	0~Reference	1.90	1.90	---	PASS
DH5	Ant1	2441	30~1000	1.90	-54.61	≤-18.1	PASS
DH5	Ant1	2441	1000~26500	1.90	-41.92	≤-18.1	PASS
DH5	Ant1	2480	0~Reference	3.84	3.84	---	PASS
DH5	Ant1	2480	30~1000	3.84	-54.71	≤-16.16	PASS
DH5	Ant1	2480	1000~26500	3.84	-42.46	≤-16.16	PASS
2DH5	Ant1	2402	0~Reference	-0.32	-0.32	---	PASS
2DH5	Ant1	2402	30~1000	-0.32	-54.94	≤-20.32	PASS
2DH5	Ant1	2402	1000~26500	-0.32	-42.16	≤-20.32	PASS
2DH5	Ant1	2441	0~Reference	1.95	1.95	---	PASS
2DH5	Ant1	2441	30~1000	1.95	-54.87	≤-18.05	PASS
2DH5	Ant1	2441	1000~26500	1.95	-41.7	≤-18.05	PASS
2DH5	Ant1	2480	0~Reference	3.80	3.80	---	PASS
2DH5	Ant1	2480	30~1000	3.80	-54.85	≤-16.2	PASS
2DH5	Ant1	2480	1000~26500	3.80	-42.72	≤-16.2	PASS
3DH5	Ant1	2402	0~Reference	-0.27	-0.27	---	PASS
3DH5	Ant1	2402	30~1000	-0.27	-54.97	≤-20.27	PASS
3DH5	Ant1	2402	1000~26500	-0.27	-42.58	≤-20.27	PASS
3DH5	Ant1	2441	0~Reference	2.00	2.00	---	PASS
3DH5	Ant1	2441	30~1000	2.00	-54.17	≤-18	PASS
3DH5	Ant1	2441	1000~26500	2.00	-42.46	≤-18	PASS
3DH5	Ant1	2480	0~Reference	3.91	3.91	---	PASS
3DH5	Ant1	2480	30~1000	3.91	-55.04	≤-16.09	PASS
3DH5	Ant1	2480	1000~26500	3.91	-42.59	≤-16.09	PASS



Test Graphs:

DH5-Ant1-2402-0~Reference-PASS



DH5-Ant1-2402-30~1000-PASS



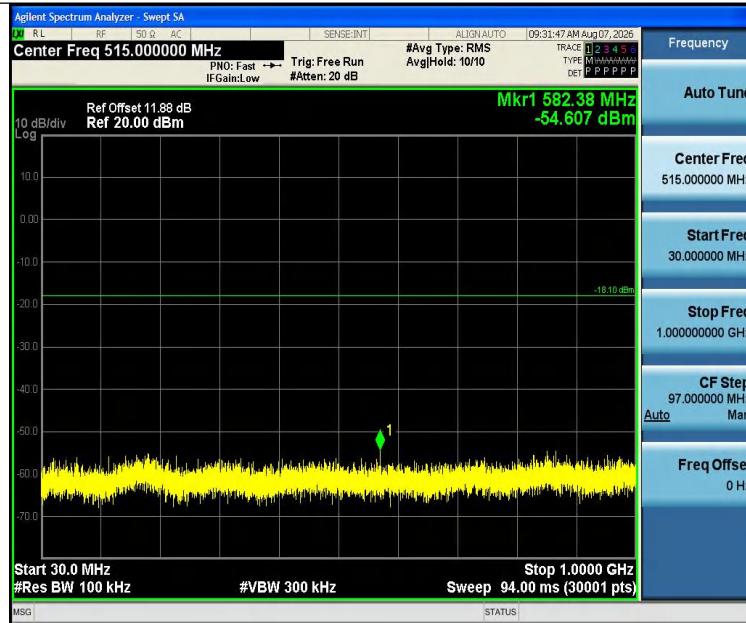
DH5-Ant1-2402-1000~26500-PASS



DH5-Ant1-2441-0~Reference-PASS



DH5-Ant1-2441-30~1000-PASS



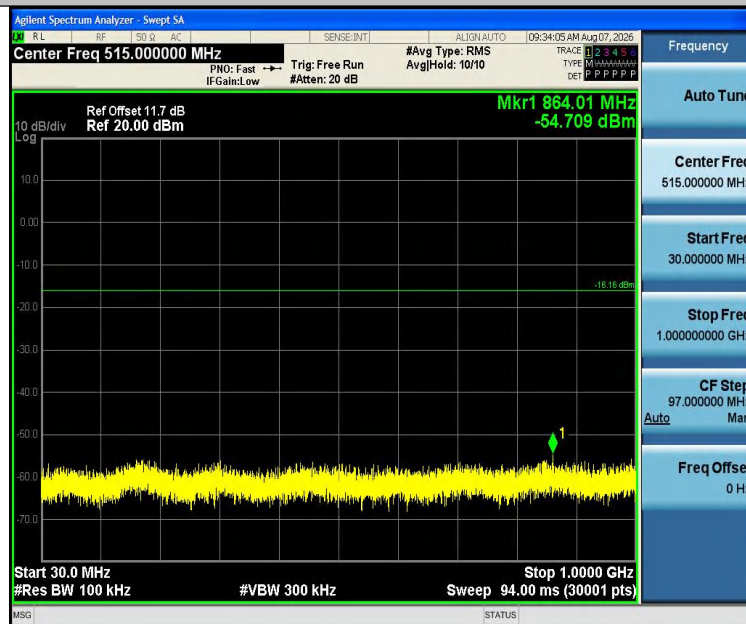
DH5-Ant1-2441-1000~26500-PASS



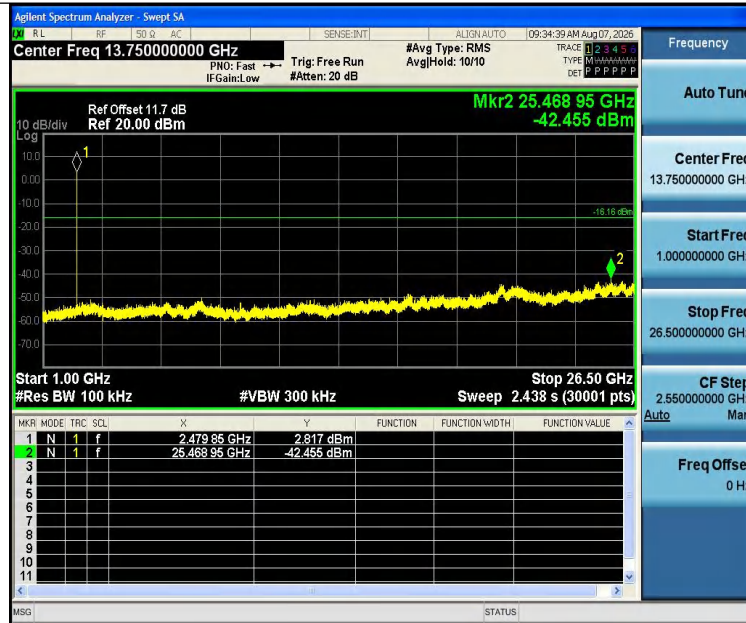
DH5-Ant1-2480-0~Reference-PASS



DH5-Ant1-2480-30~1000-PASS



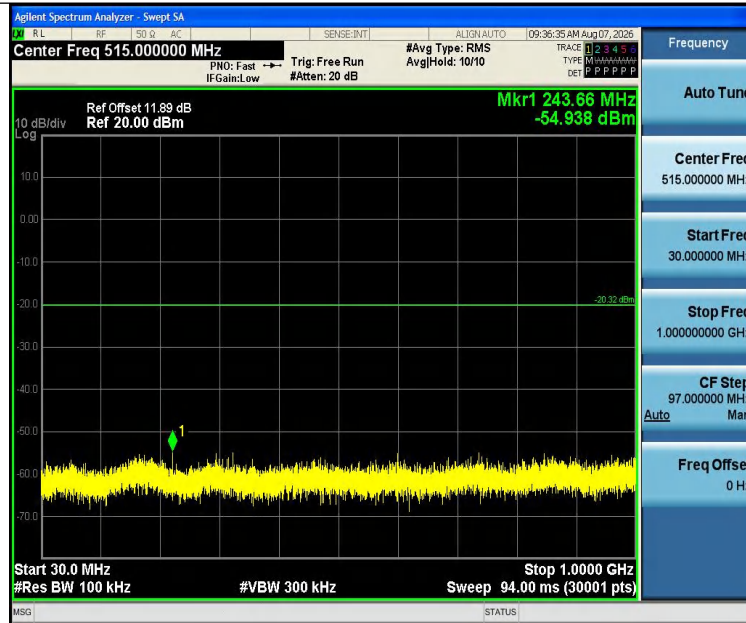
DH5-Ant1-2480-1000~26500-PASS



2DH5-Ant1-2402-0~Reference-PASS



2DH5-Ant1-2402-30~1000-PASS



2DH5-Ant1-2402-1000~26500-PASS



2DH5-Ant1-2441-0~Reference-PASS



2DH5-Ant1-2441-30~1000-PASS



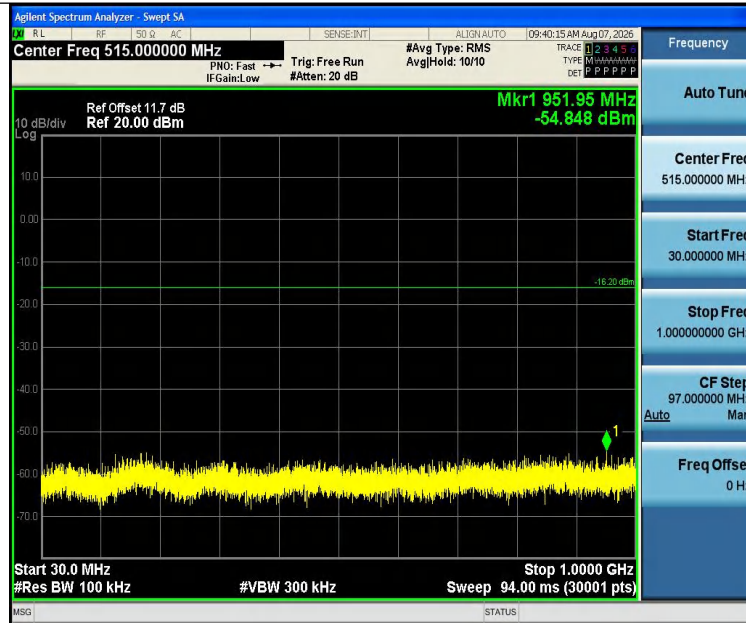
2DH5-Ant1-2441-1000~26500-PASS



2DH5-Ant1-2480-0~Reference-PASS



2DH5-Ant1-2480-30~1000-PASS



2DH5-Ant1-2480-1000~26500-PASS



3DH5-Ant1-2402-0~Reference-PASS



3DH5-Ant1-2402-30~1000-PASS



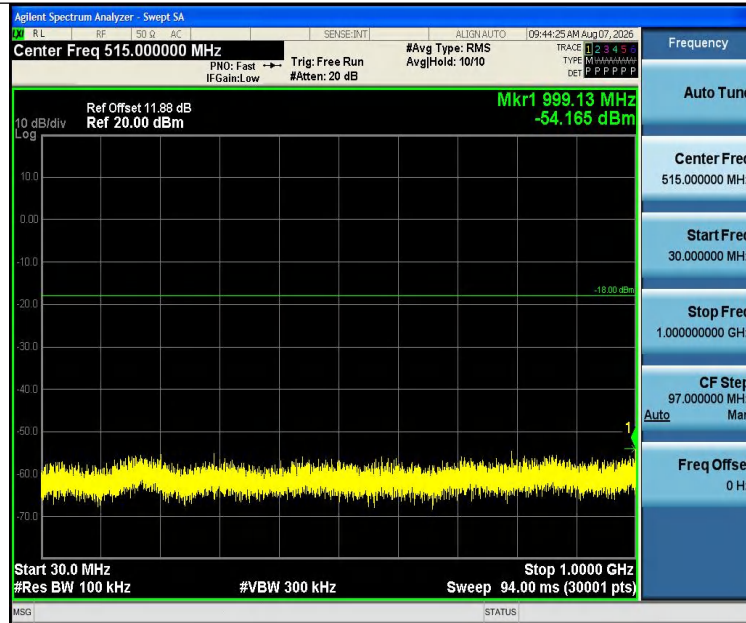
3DH5-Ant1-2402-1000~26500-PASS



3DH5-Ant1-2441-0~Reference-PASS



3DH5-Ant1-2441-30~1000-PASS



3DH5-Ant1-2441-1000~26500-PASS



3DH5-Ant1-2480-0~Reference-PASS



3DH5-Ant1-2480-30~1000-PASS



3DH5-Ant1-2480-1000~26500-PASS





14 Antenna Requirement

14.1 Test Standard and Requirement

Test Standard	FCC Part15 Section 15.203 /247(c)
Requirement	1) 15.203 requirement: 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, 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. 2) 15.247(c) (1)(i) requirement: Systems operating in the 2400-2483.5 MHz band that is used exclusively for fixed. Point-to-point operations may employ transmitting antennas with directional gain greater than 6dBi provided the maximum conducted output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6 dBi.

14.2 Antenna Connected Construction

The antenna is Ceramic Antenna which permanently attached, and the best case gain of the antenna is 2.8 dBi. It complies with the standard requirement.

15 APPENDIX I -- TEST SETUP PHOTOGRAPH

Conducted Emissions



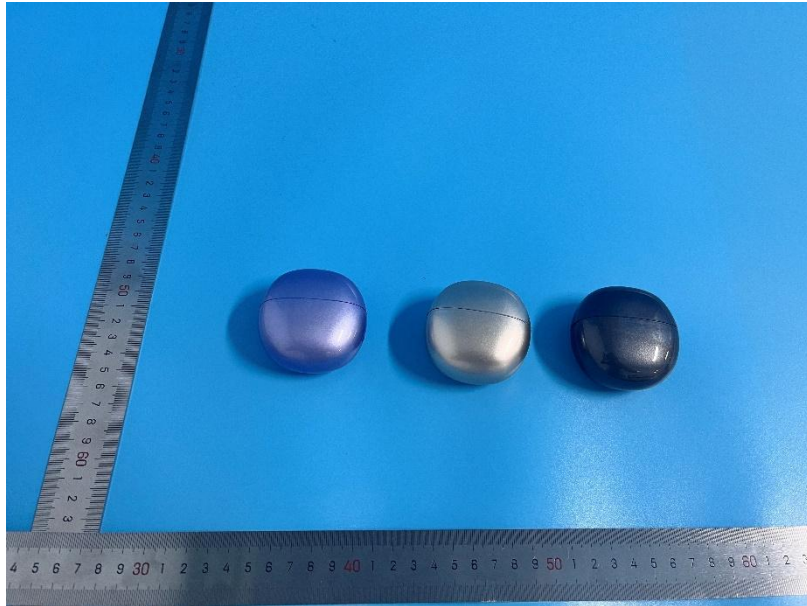
Radiated Emissions
From 30M-1GHz



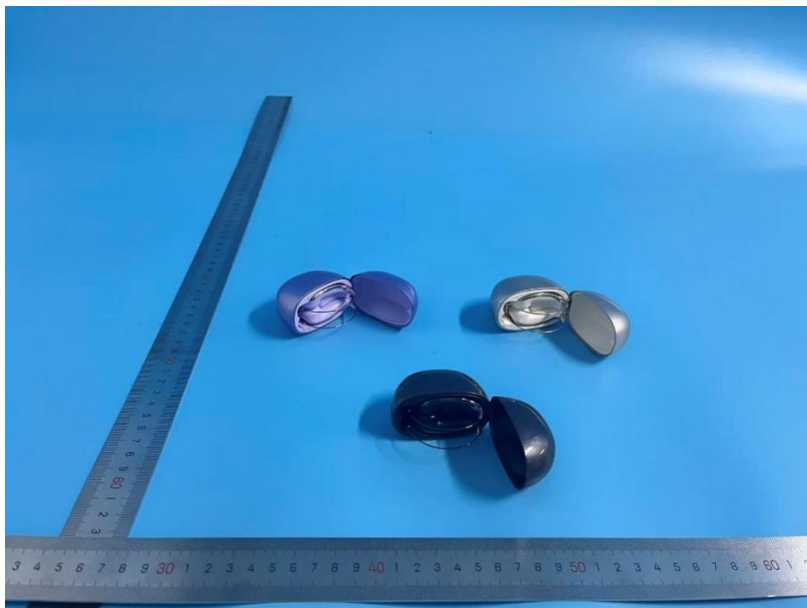
Above 1GHz



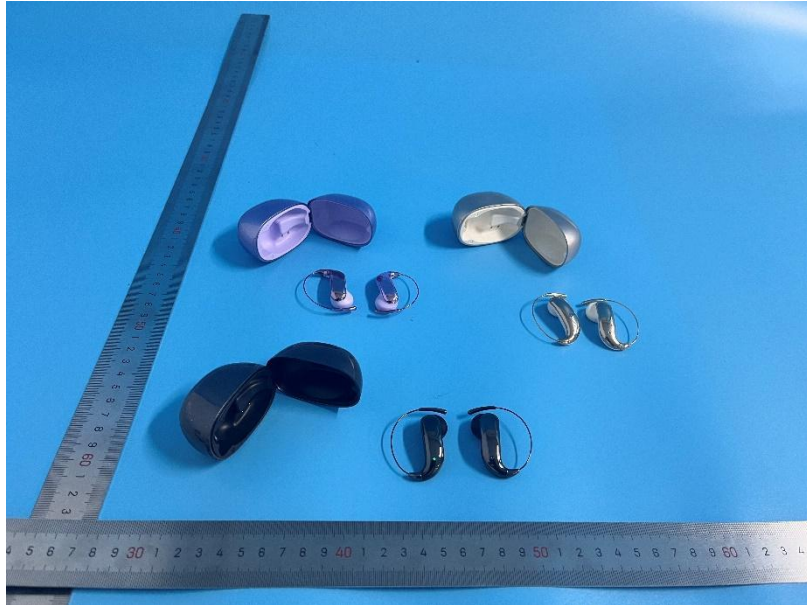
16 APPENDIX II -- EUT PHOTOGRAPH



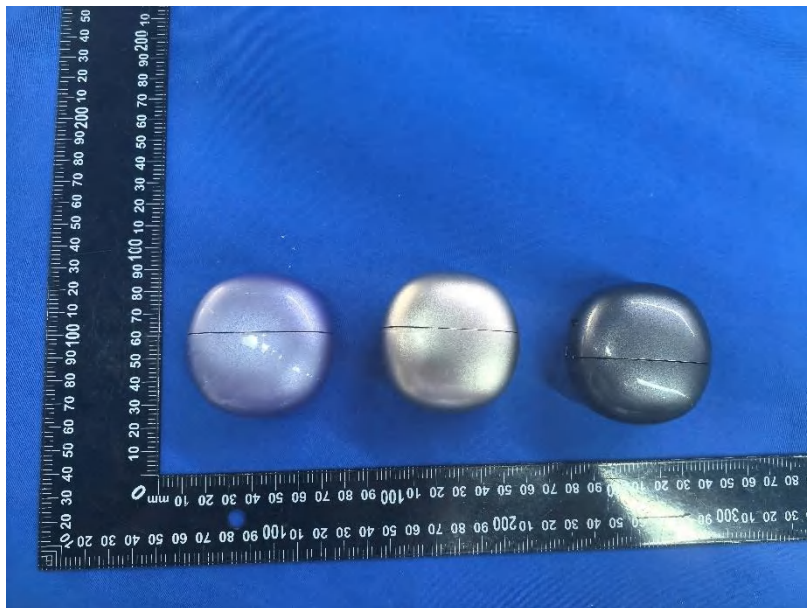
Main test model: YYK-Q110 Memory Wire



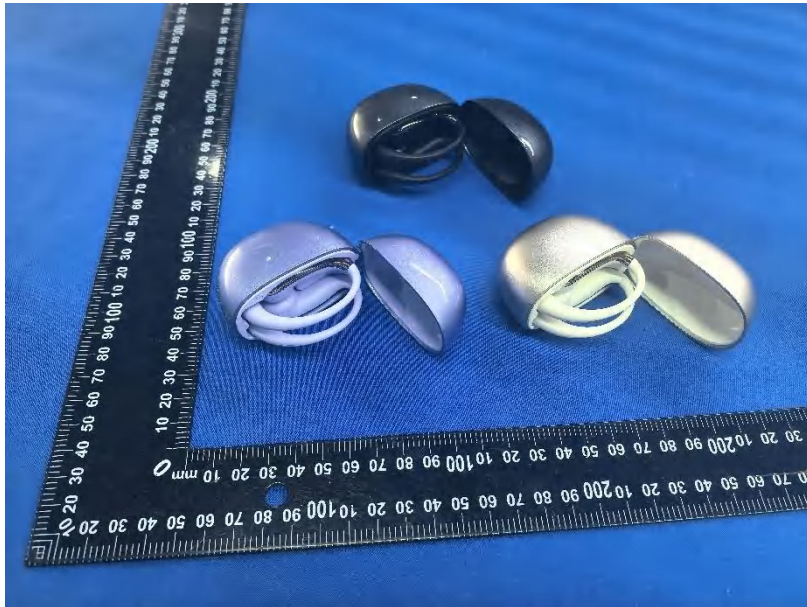
Main test model: YYK-Q110 Memory Wire



Main test model: YYK-Q110 Memory Wire



Additional model: YYK-Q110



Additional model: YYK-Q110



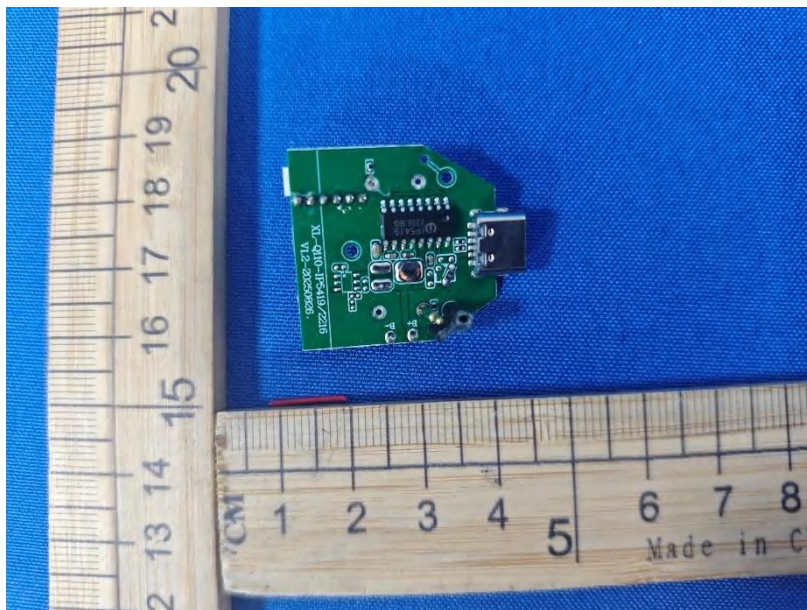
Additional model: YYK-Q110

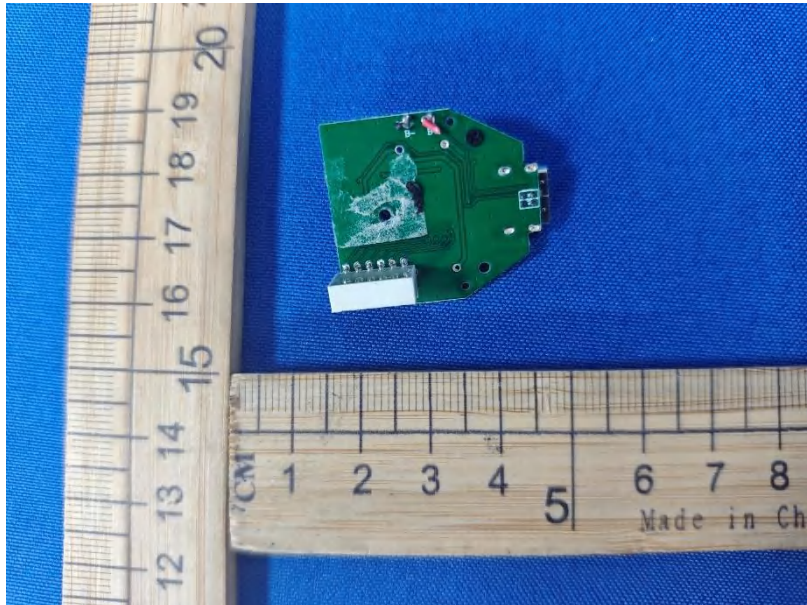


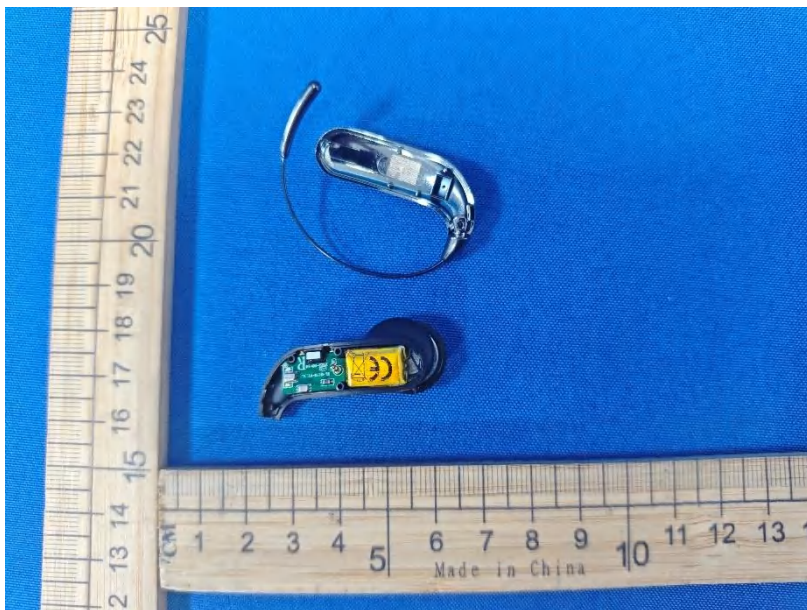
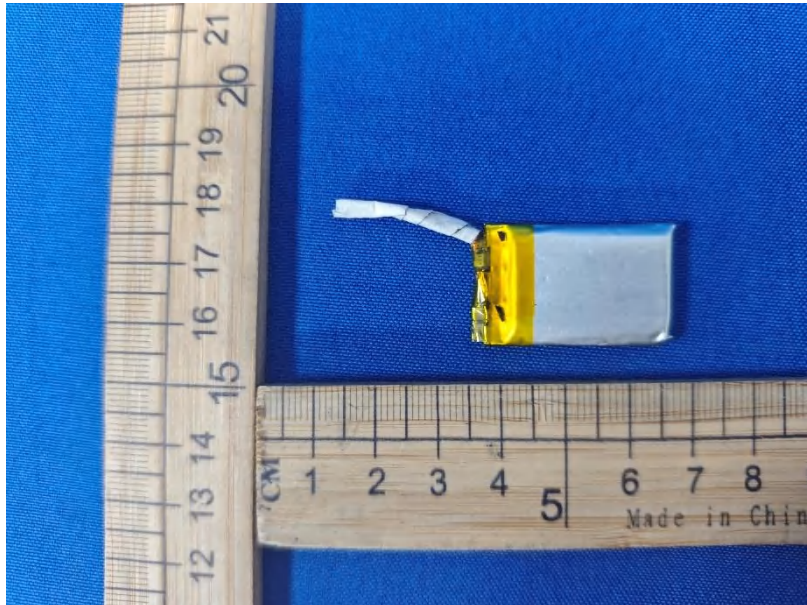




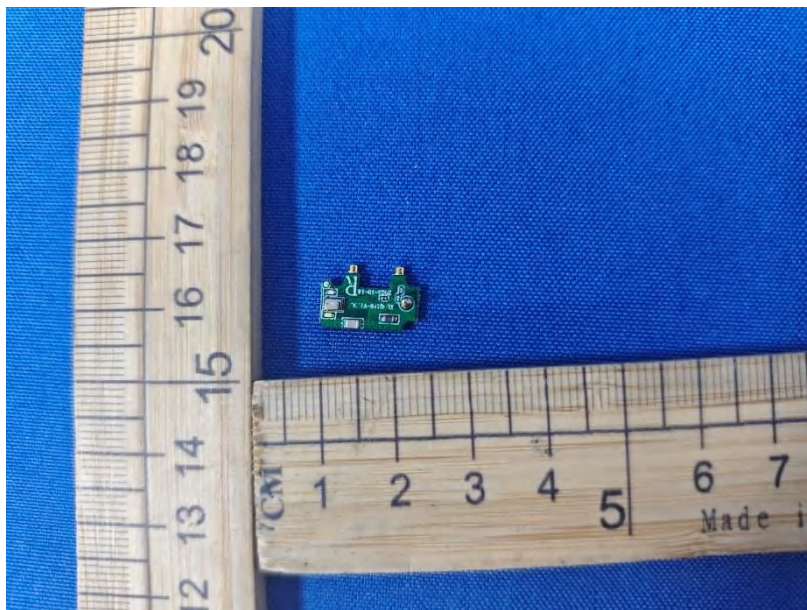


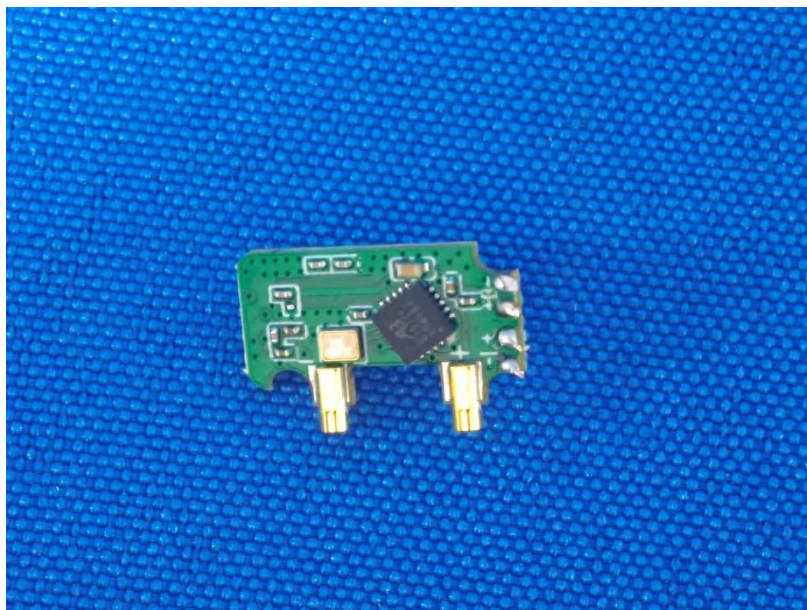
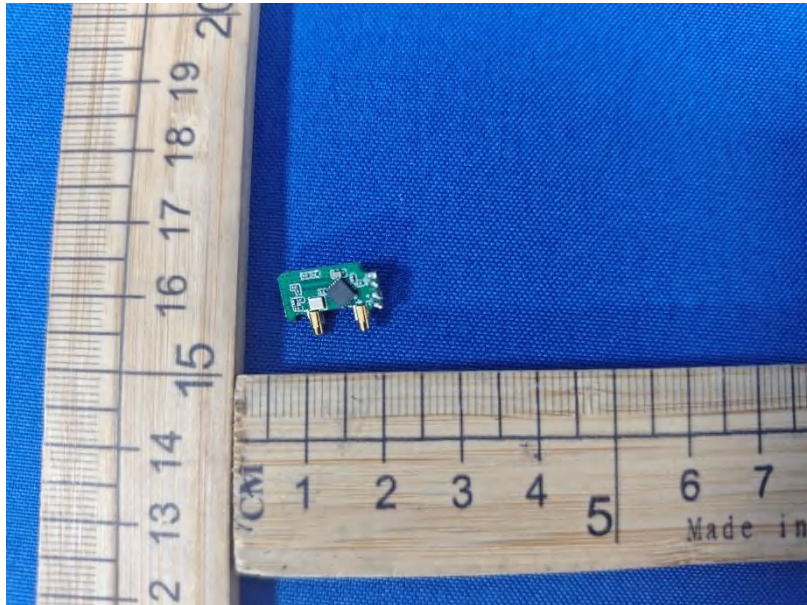


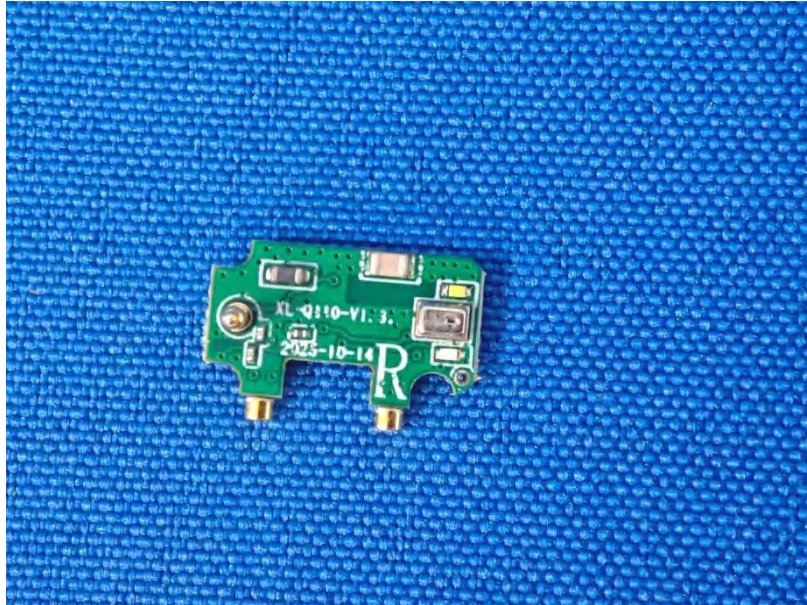




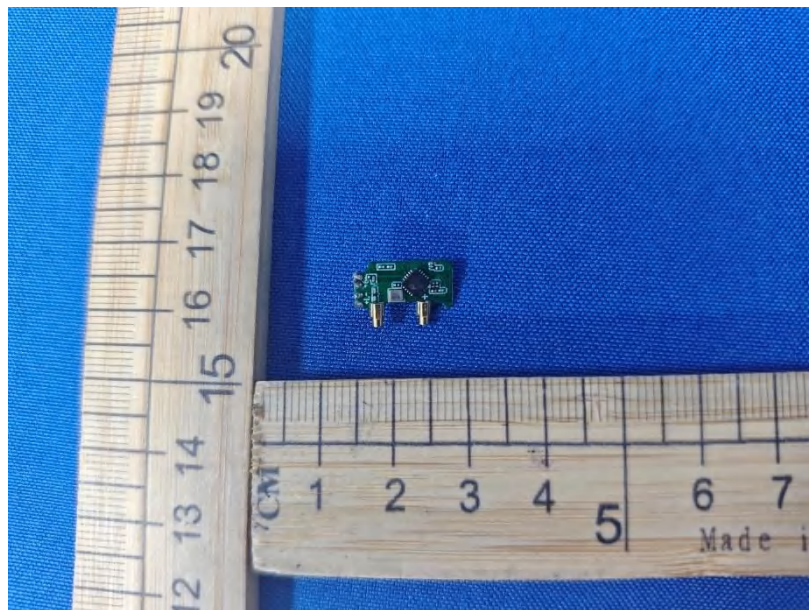
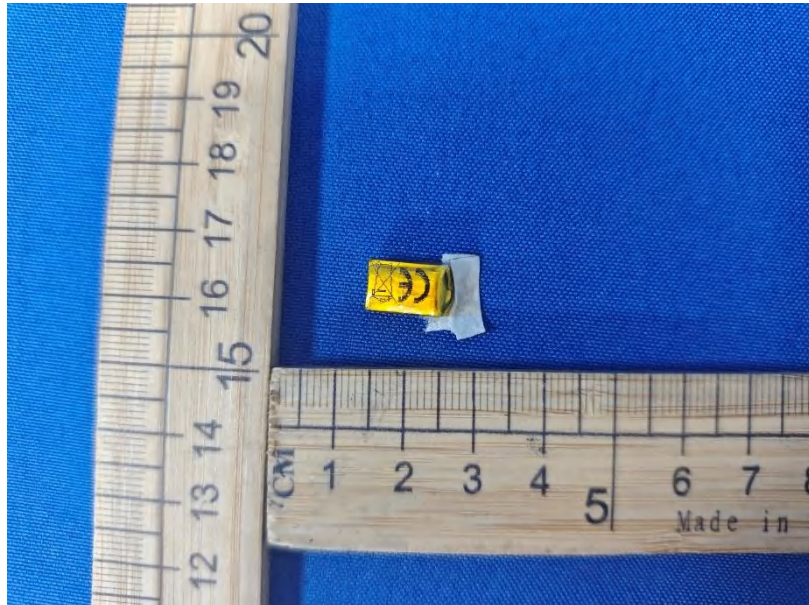


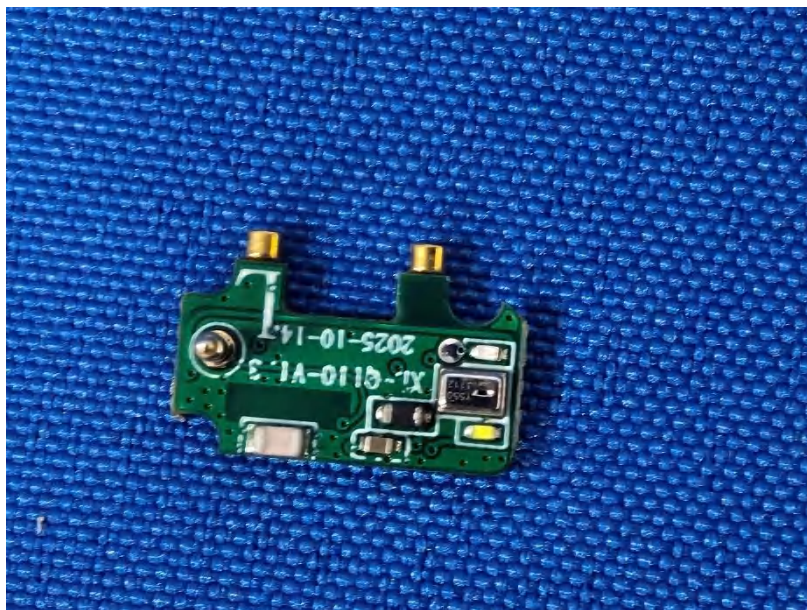
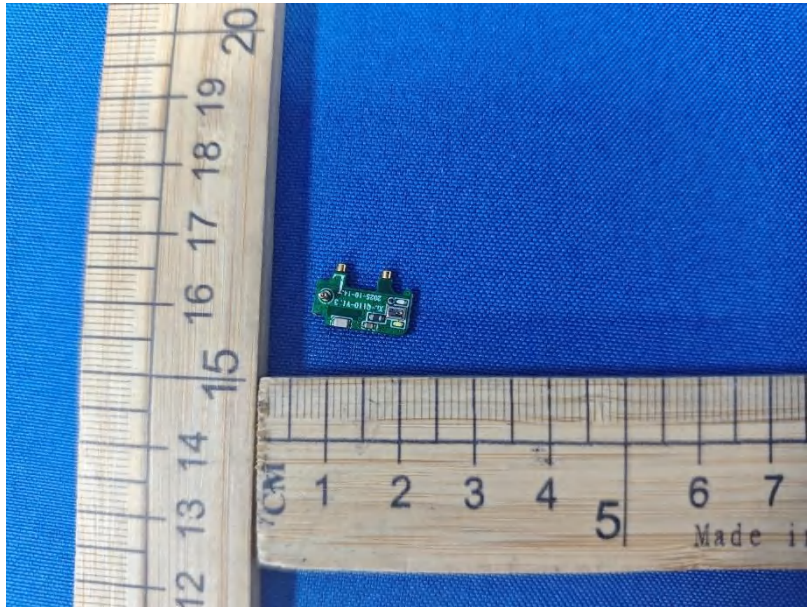


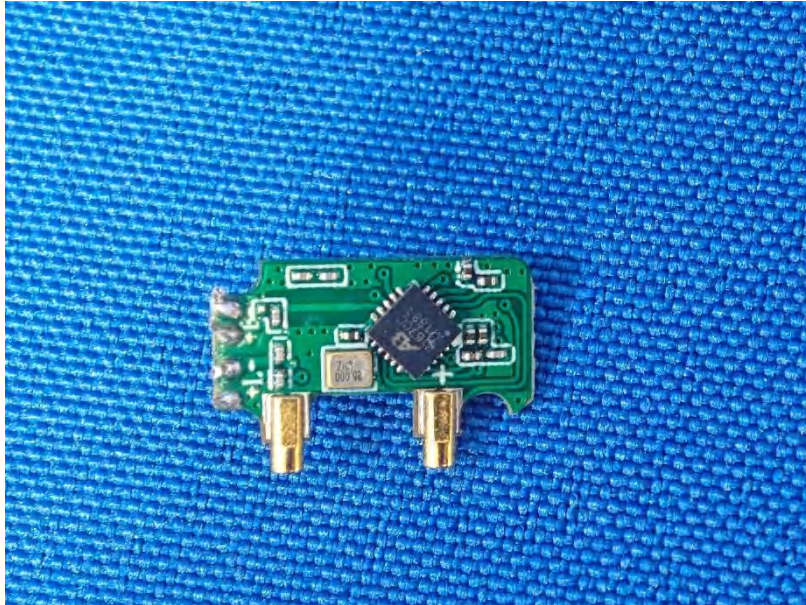












*******THE END REPORT*******