



Conducted Emission Method

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	0.36	0.36	---	PASS
DH5	Ant1	2402	30~1000	0.36	-58.08	≤ -19.64	PASS
DH5	Ant1	2402	1000~26500	0.36	-30.98	≤ -19.64	PASS
DH5	Ant1	2441	0~Reference	0.18	0.18	---	PASS
DH5	Ant1	2441	30~1000	0.18	-57.88	≤ -19.82	PASS
DH5	Ant1	2441	1000~26500	0.18	-32.48	≤ -19.82	PASS
DH5	Ant1	2480	0~Reference	-0.23	-0.23	---	PASS
DH5	Ant1	2480	30~1000	-0.23	-58.22	≤ -20.23	PASS
DH5	Ant1	2480	1000~26500	-0.23	-31.29	≤ -20.23	PASS
2DH5	Ant1	2402	0~Reference	0.23	0.23	---	PASS
2DH5	Ant1	2402	30~1000	0.23	-58.02	≤ -19.77	PASS
2DH5	Ant1	2402	1000~26500	0.23	-30.02	≤ -19.77	PASS
2DH5	Ant1	2441	0~Reference	-2.70	-2.70	---	PASS
2DH5	Ant1	2441	30~1000	-2.70	-58.45	≤ -22.7	PASS
2DH5	Ant1	2441	1000~26500	-2.70	-33.35	≤ -22.7	PASS
2DH5	Ant1	2480	0~Reference	-0.80	-0.80	---	PASS
2DH5	Ant1	2480	30~1000	-0.80	-57.87	≤ -20.8	PASS
2DH5	Ant1	2480	1000~26500	-0.80	-33.53	≤ -20.8	PASS
3DH5	Ant1	2402	0~Reference	-0.21	-0.21	---	PASS
3DH5	Ant1	2402	30~1000	-0.21	-57.69	≤ -20.21	PASS
3DH5	Ant1	2402	1000~26500	-0.21	-36.47	≤ -20.21	PASS
3DH5	Ant1	2441	0~Reference	-0.23	-0.23	---	PASS
3DH5	Ant1	2441	30~1000	-0.23	-57.6	≤ -20.23	PASS
3DH5	Ant1	2441	1000~26500	-0.23	-33.43	≤ -20.23	PASS
3DH5	Ant1	2480	0~Reference	-0.78	-0.78	---	PASS
3DH5	Ant1	2480	30~1000	-0.78	-57.72	≤ -20.78	PASS
3DH5	Ant1	2480	1000~26500	-0.78	-35.11	≤ -20.78	PASS



Test Graphs:

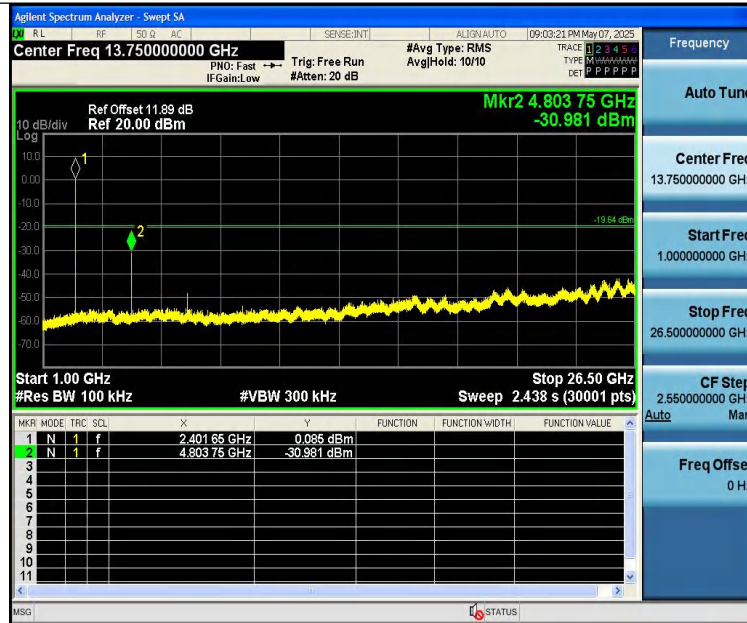
DH5-Ant1-2402-0~Reference-PASS



DH5-Ant1-2402-30~1000-PASS



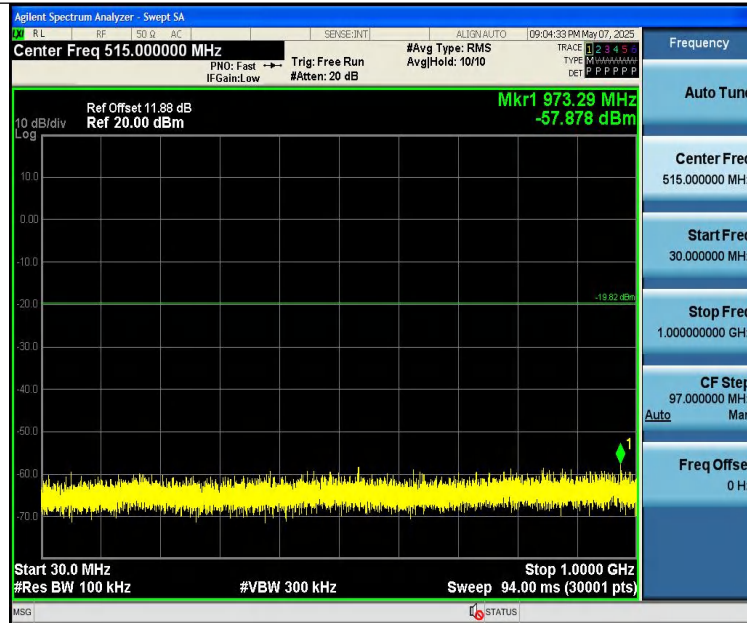
DH5-Ant1-2402-1000~26500-PASS



DH5-Ant1-2441-0~Reference-PASS



DH5-Ant1-2441-30~1000-PASS



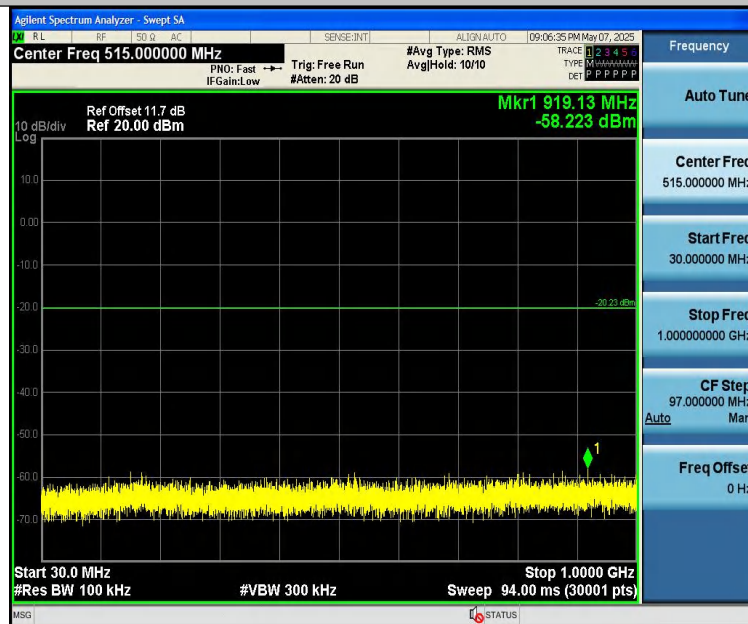
DH5-Ant1-2441-1000~26500-PASS



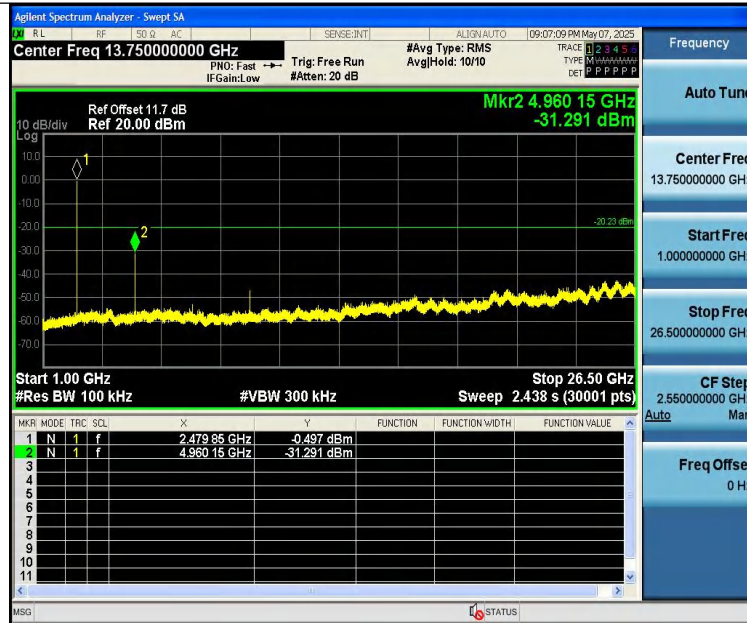
DH5-Ant1-2480-0~Reference-PASS



DH5-Ant1-2480-30~1000-PASS



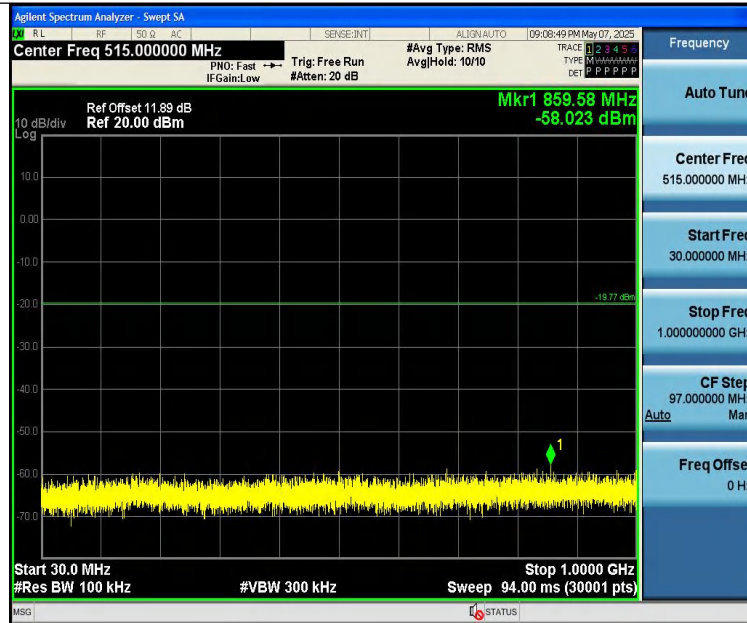
DH5-Ant1-2480-1000~26500-PASS



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



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



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



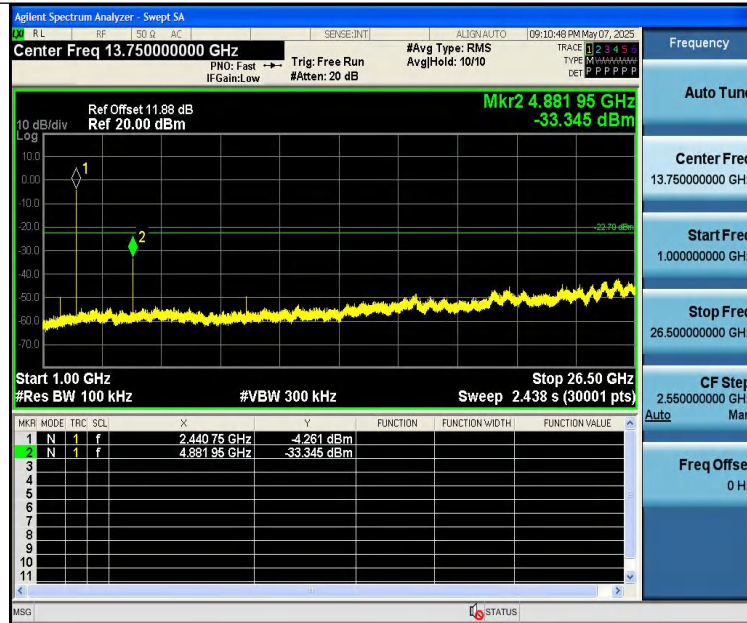
2DH5-Ant1-2441-0~Reference-PASS



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



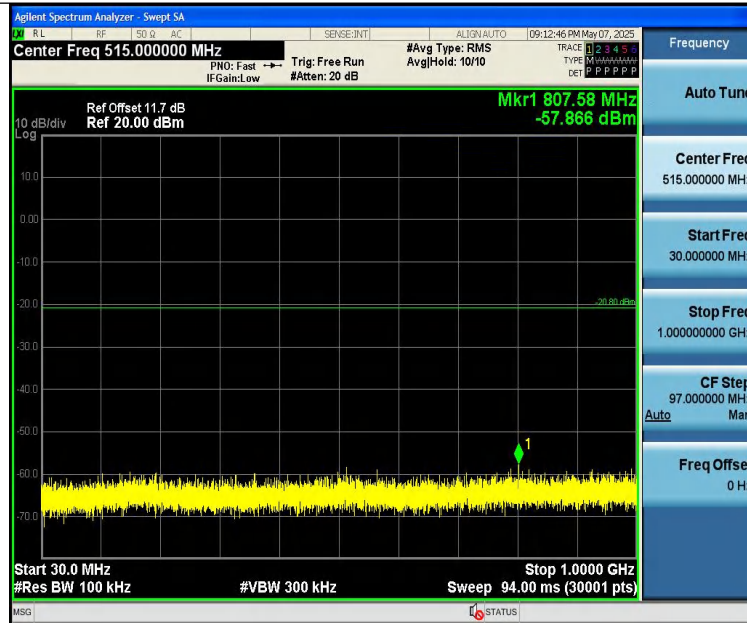
2DH5-Ant1-2441-1000~26500-PASS



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



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



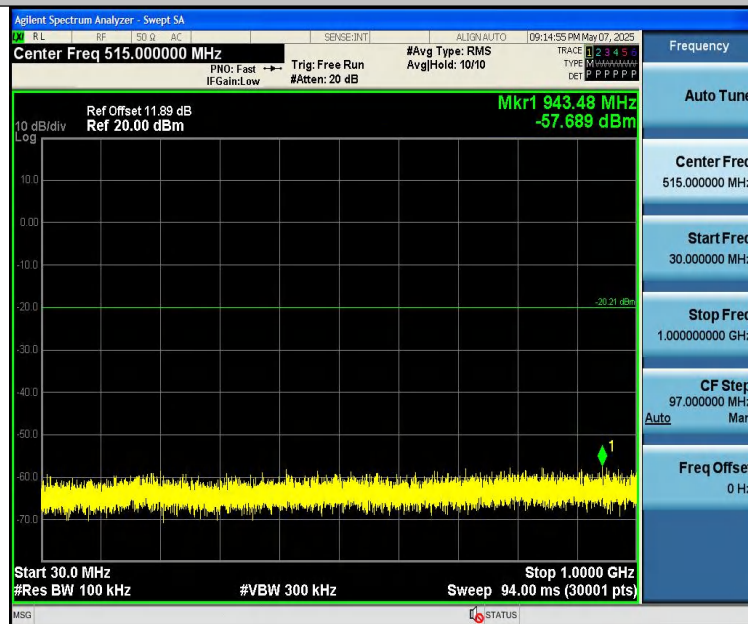
2DH5-Ant1-2480-1000~26500-PASS



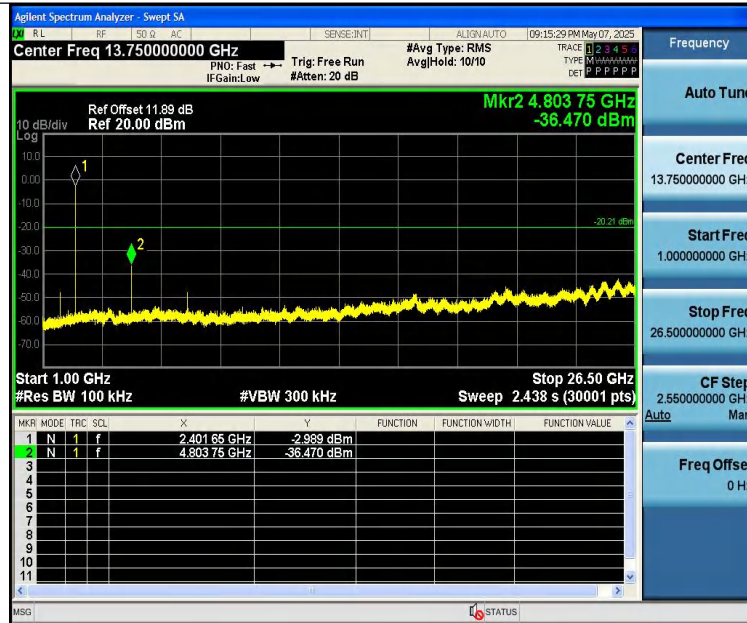
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3DH5-Ant1-2402-30~1000-PASS



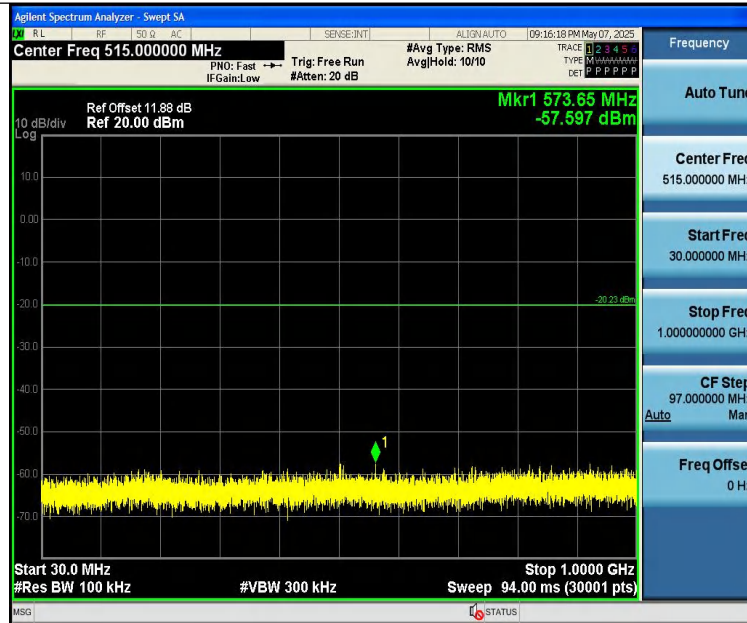
3DH5-Ant1-2402-1000~26500-PASS



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



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



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



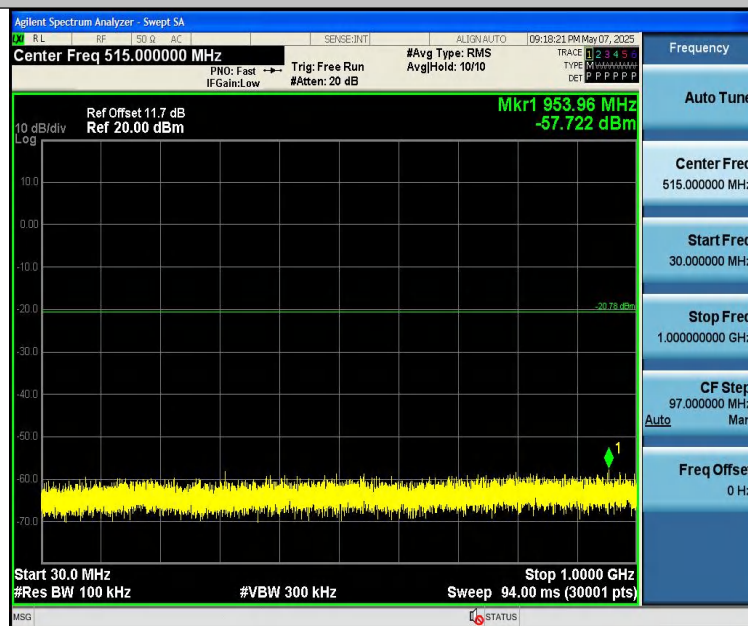
3DH5-Ant1-2480-0~Reference-PASS



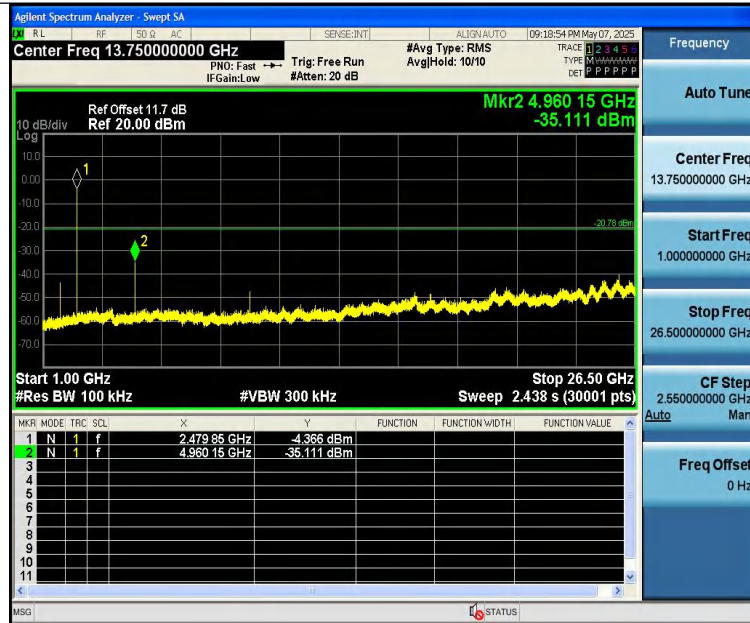
Report No.: PTC25042901601E-FC01



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



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





14 Antenna Requirement

14.1 Test Standard and Requirement

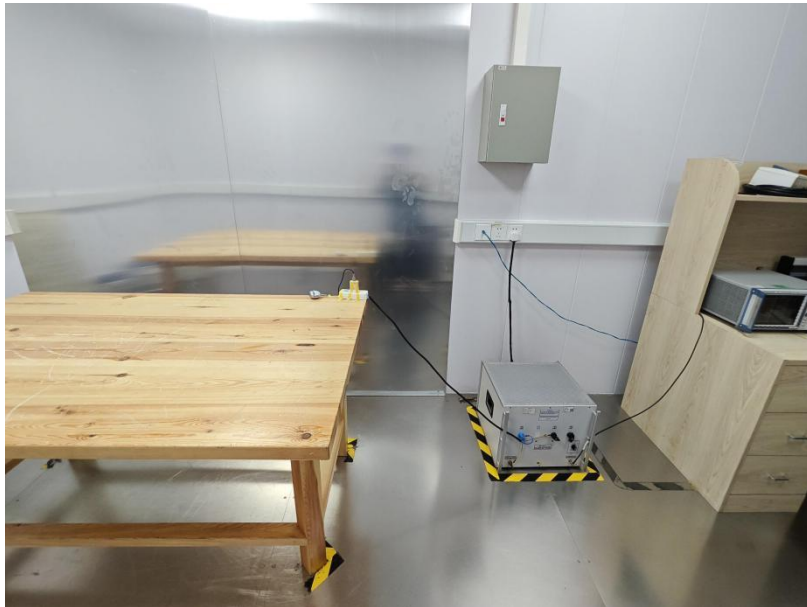
Test Standard	FCC Part15 Section 15.203 /247(c)
Requirement	1) 15.203 requirement: An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses 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

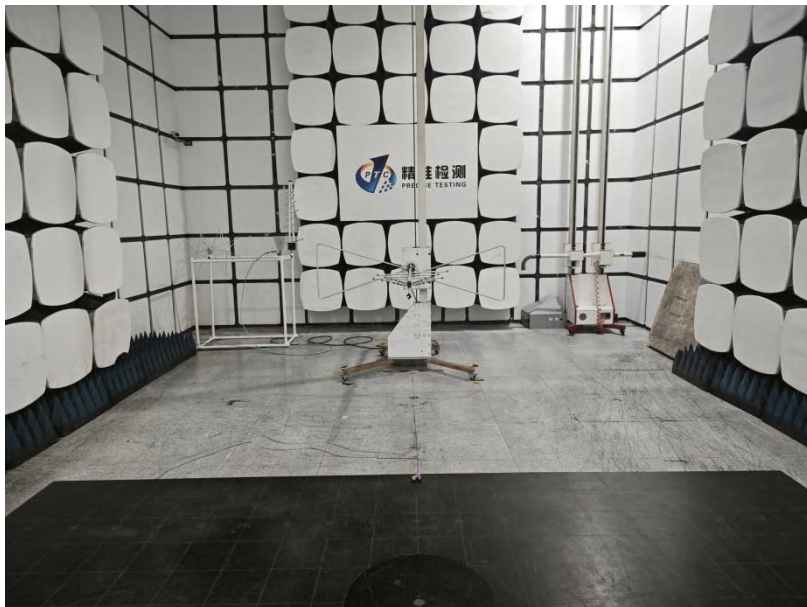
The antenna is Ceramic Antenna which permanently attached, and the best case gain of the antenna is 2.5 dBi. It complies with the standard requirement.

15 APPENDIX I -- TEST SETUP PHOTOGRAPH

Conducted Emissions



Radiated Emissions From 30M-1GHz



Above 1GHz

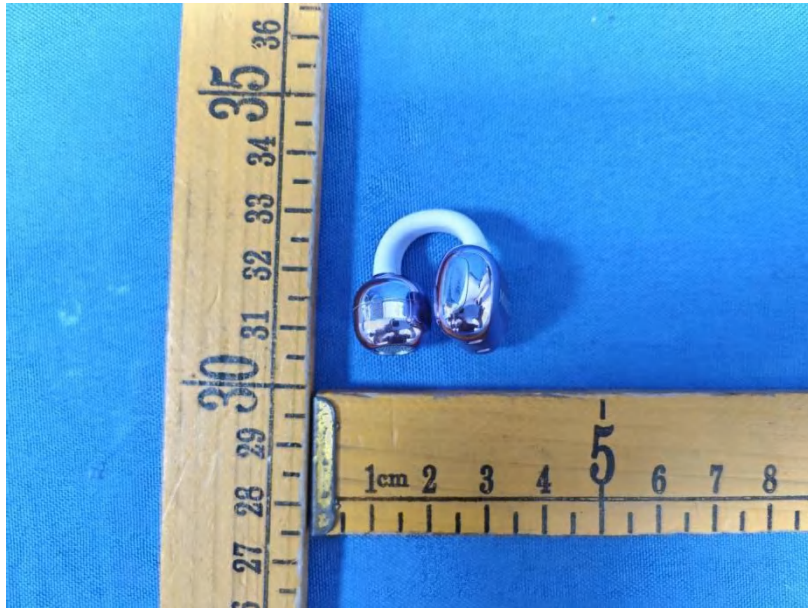


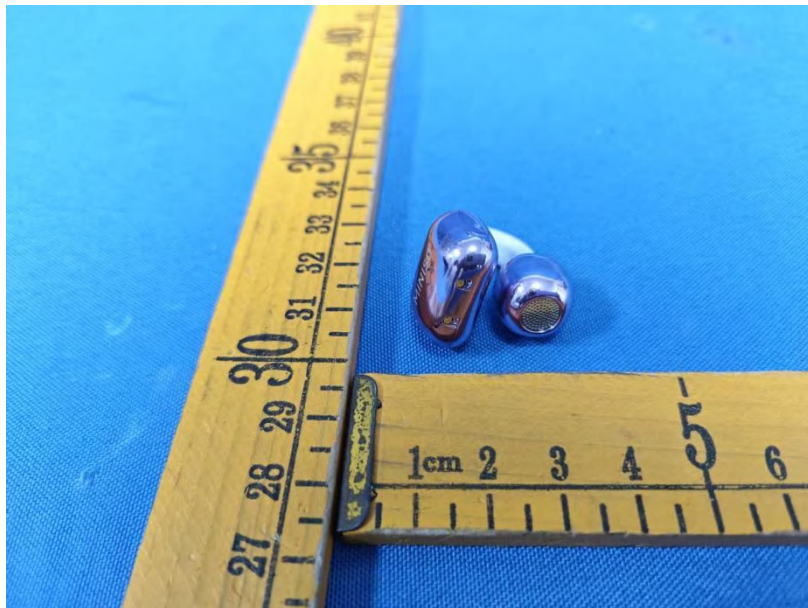
16 APPENDIX II -- EUT PHOTOGRAPH

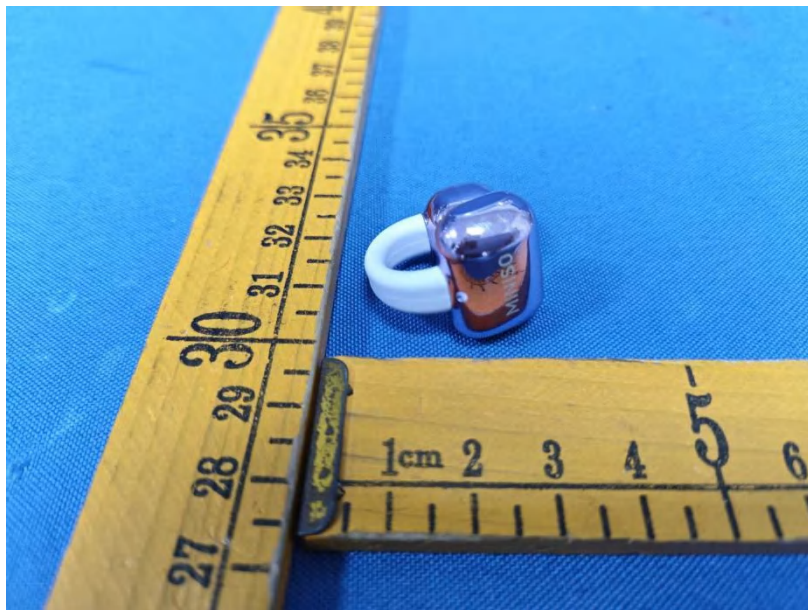
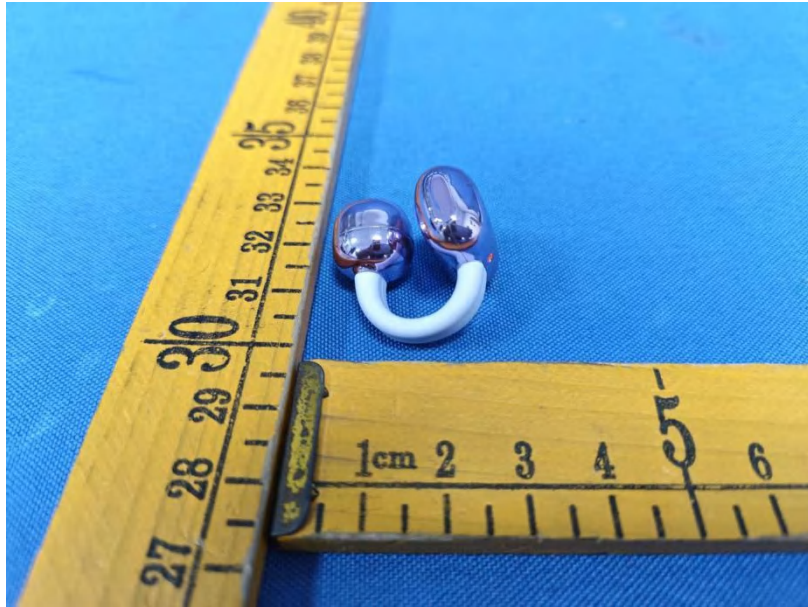


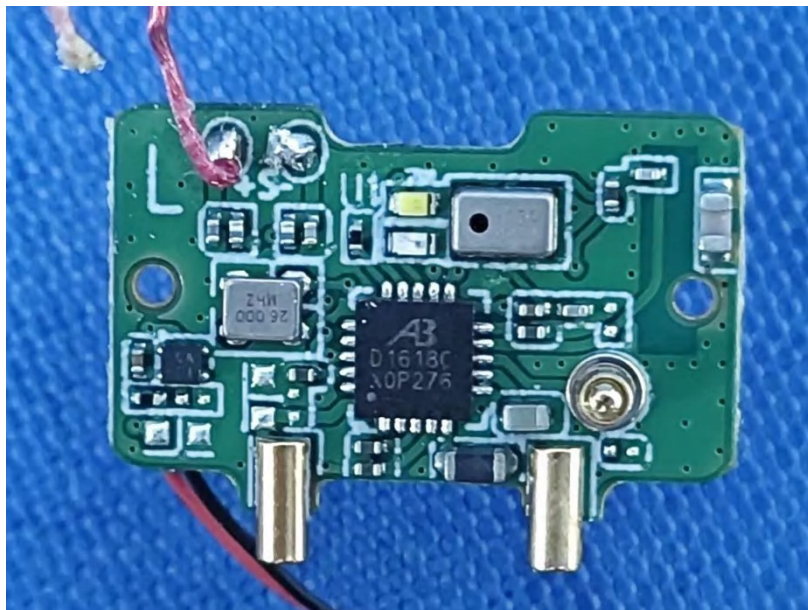


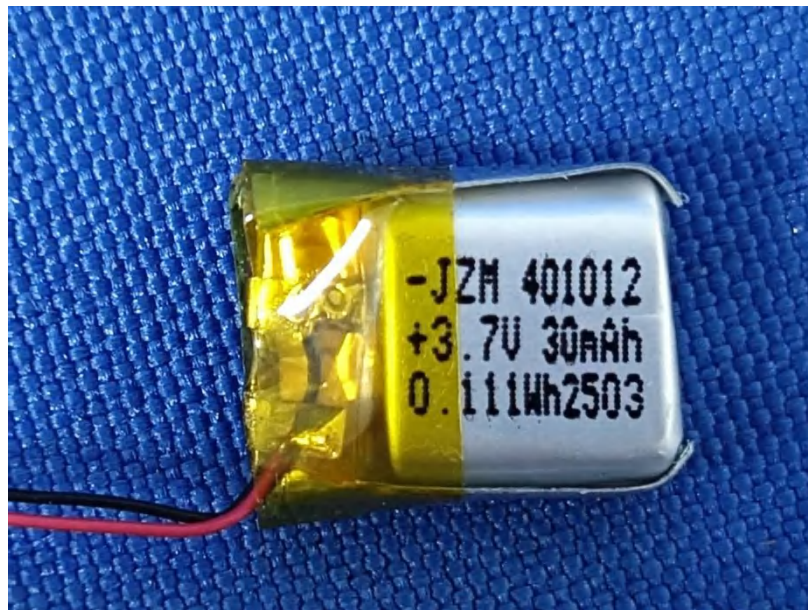
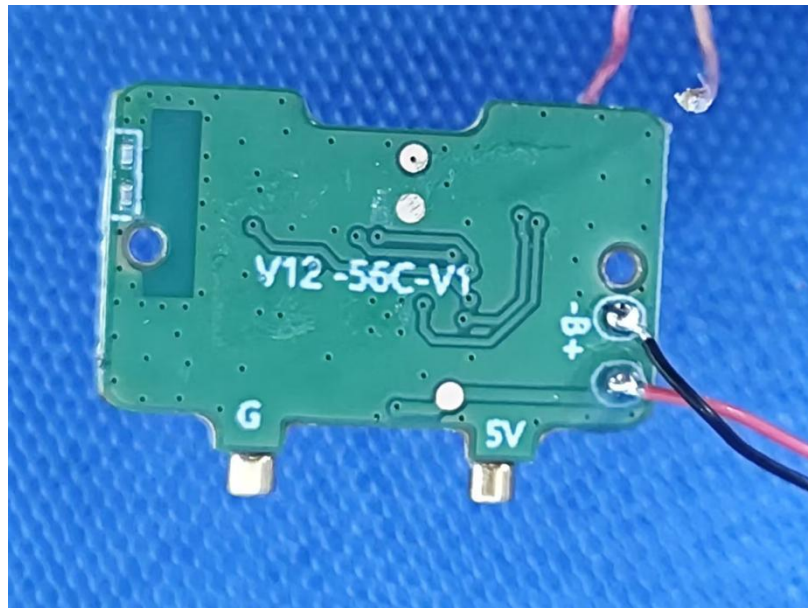
L:

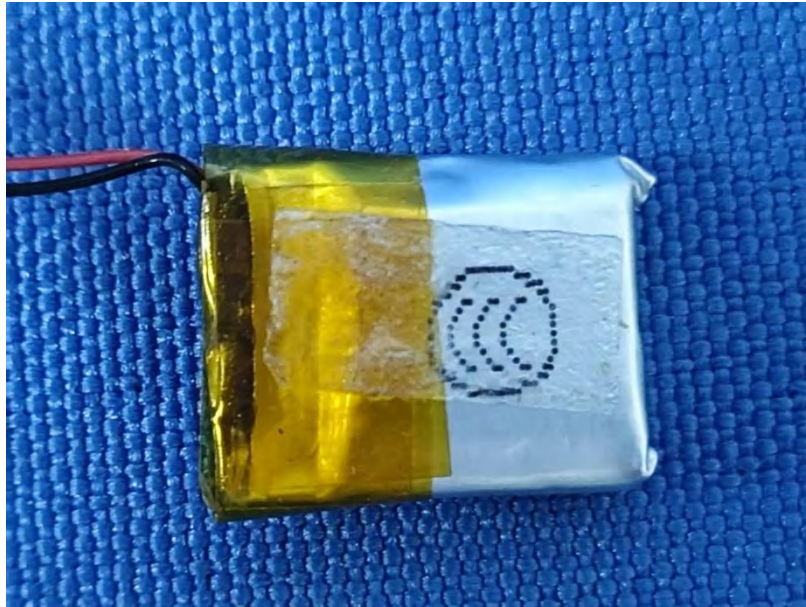






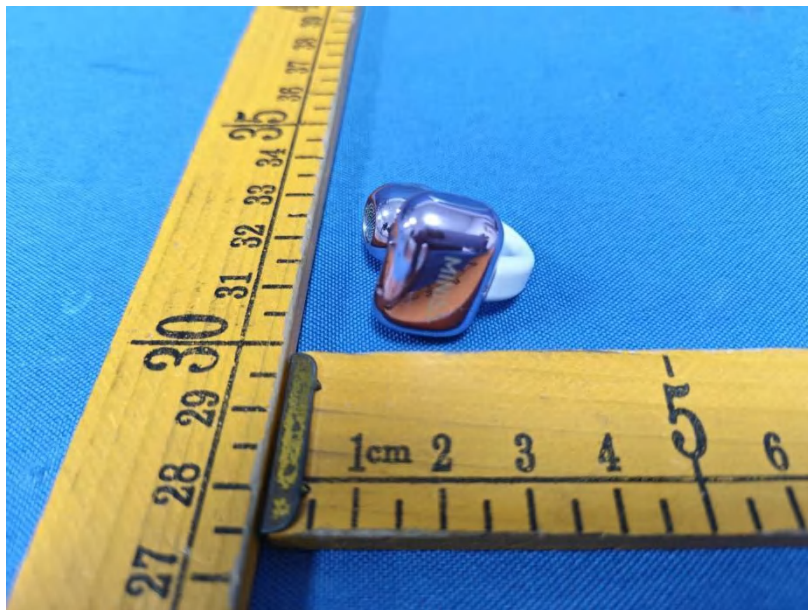
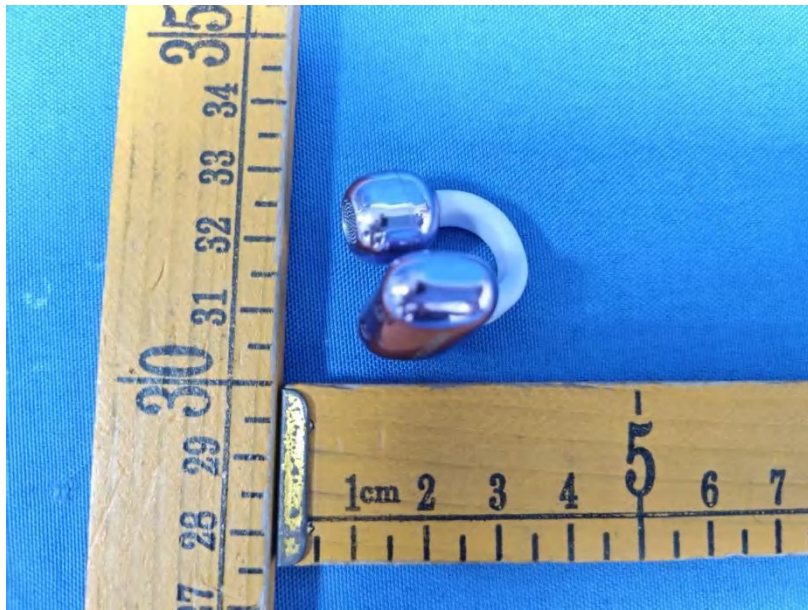


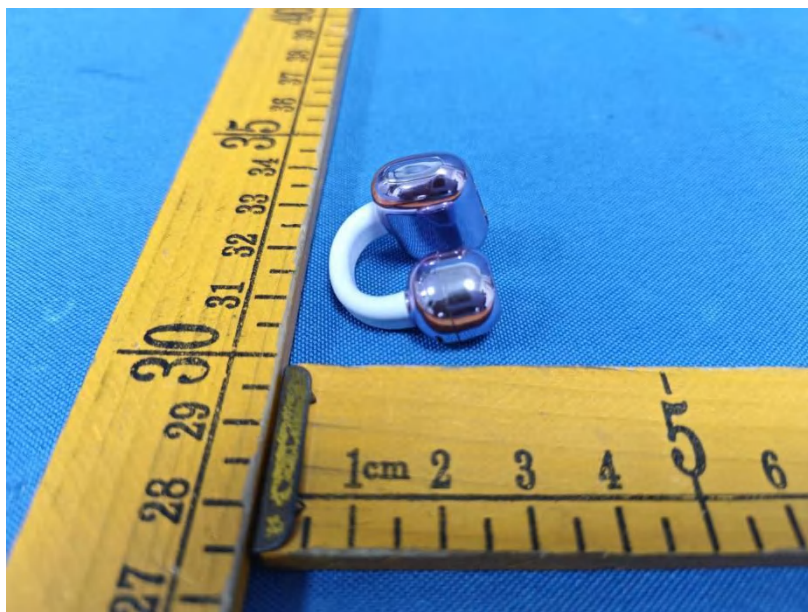
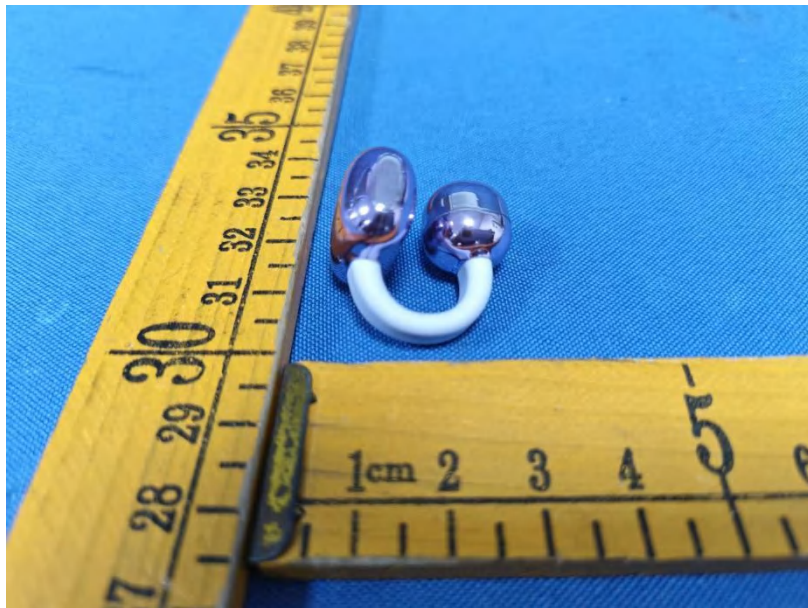


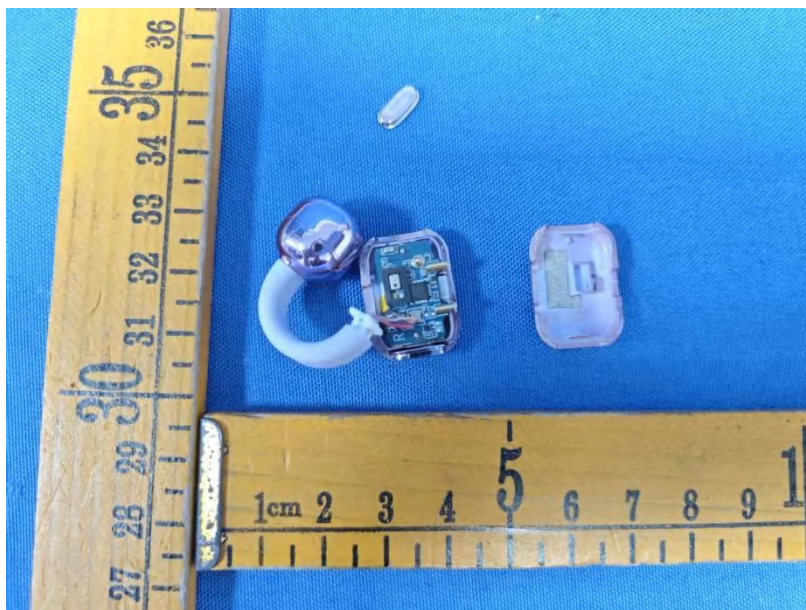
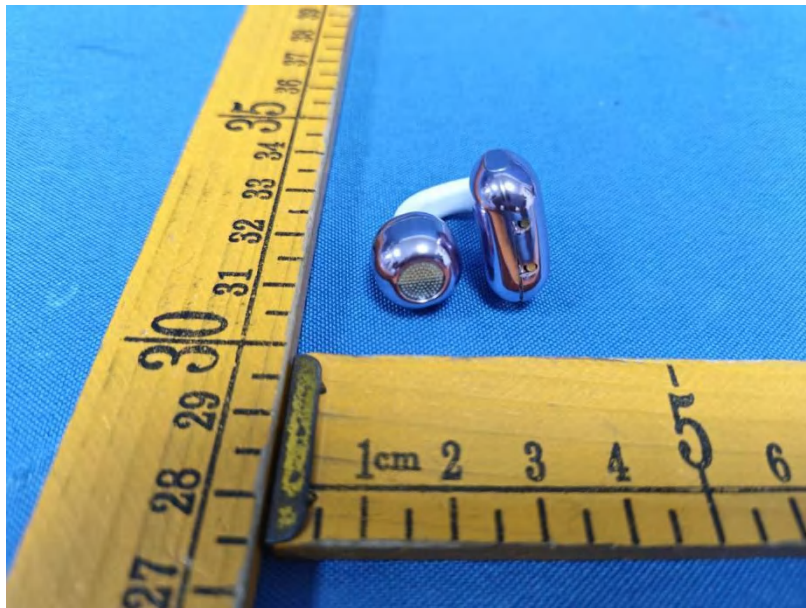


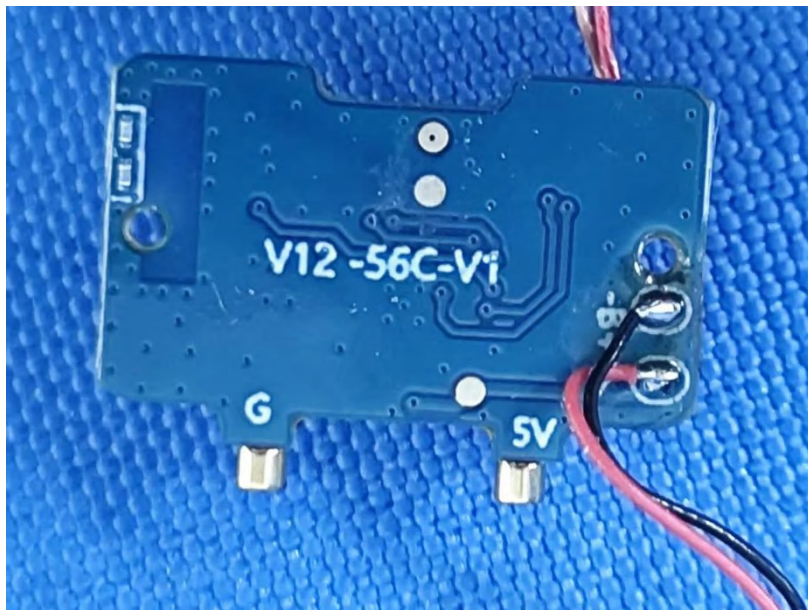
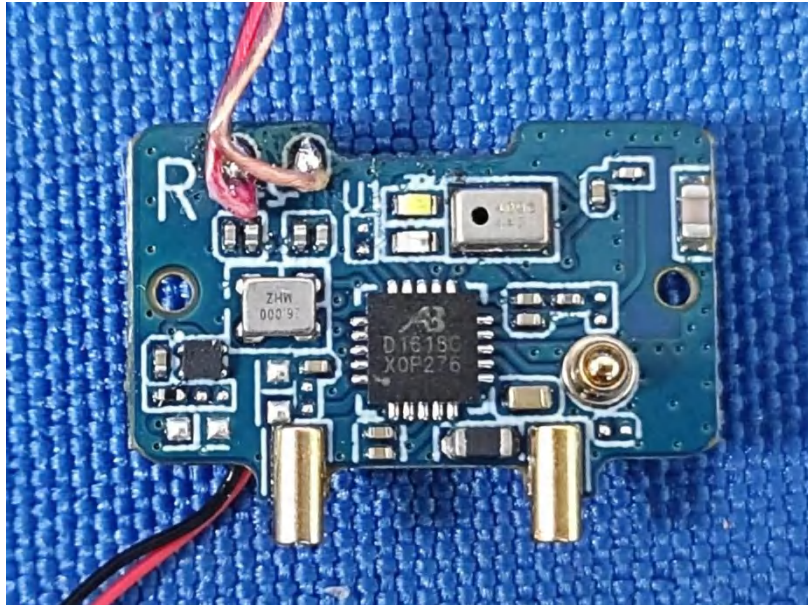
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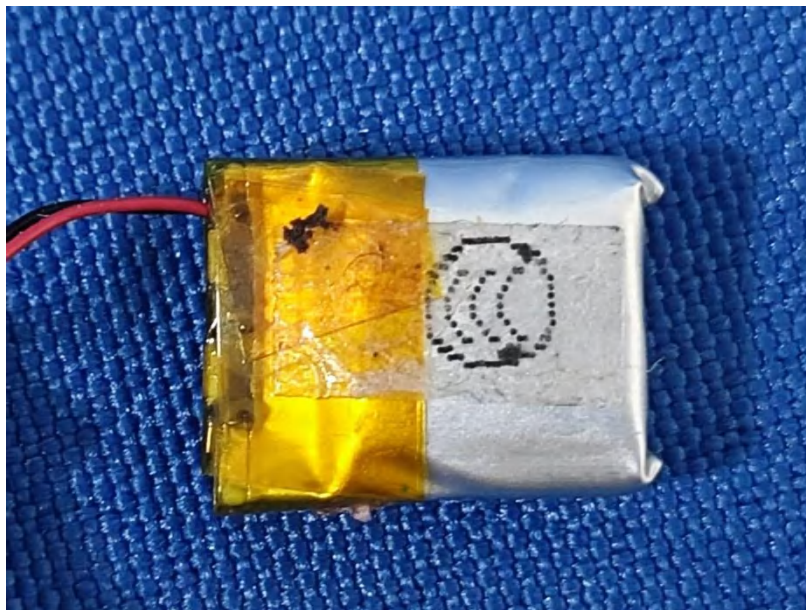












*****THE END REPORT*****