



Conducted Emission Method

Test Result

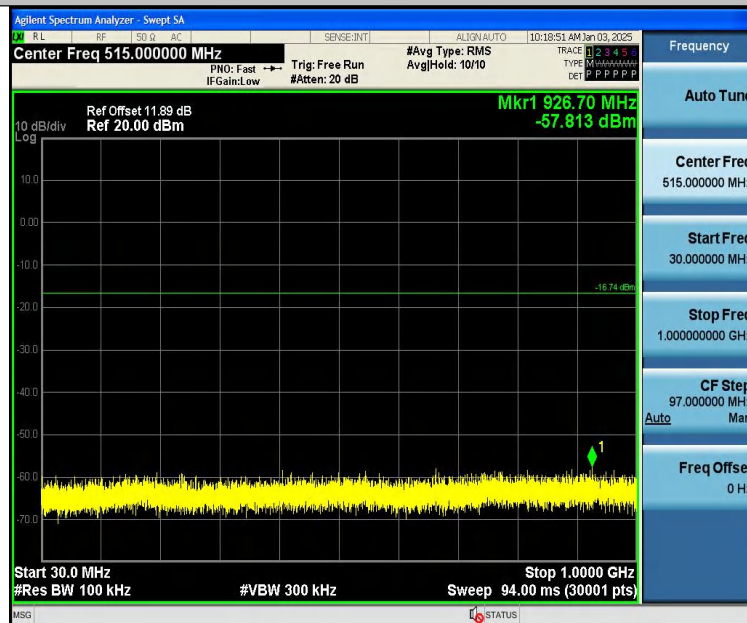
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	3.26	3.26	---	PASS
DH5	Ant1	2402	30~1000	3.26	-57.81	≤-16.74	PASS
DH5	Ant1	2402	1000~26500	3.26	-25.97	≤-16.74	PASS
DH5	Ant1	2441	0~Reference	1.50	1.50	---	PASS
DH5	Ant1	2441	30~1000	1.50	-57.5	≤-18.5	PASS
DH5	Ant1	2441	1000~26500	1.50	-28.44	≤-18.5	PASS
DH5	Ant1	2480	0~Reference	1.86	1.86	---	PASS
DH5	Ant1	2480	30~1000	1.86	-57.93	≤-18.14	PASS
DH5	Ant1	2480	1000~26500	1.86	-27.34	≤-18.14	PASS
2DH5	Ant1	2402	0~Reference	1.22	1.22	---	PASS
2DH5	Ant1	2402	30~1000	1.22	-57.21	≤-18.78	PASS
2DH5	Ant1	2402	1000~26500	1.22	-24.2	≤-18.78	PASS
2DH5	Ant1	2441	0~Reference	-1.67	-1.67	---	PASS
2DH5	Ant1	2441	30~1000	-1.67	-56.99	≤-21.67	PASS
2DH5	Ant1	2441	1000~26500	-1.67	-29.97	≤-21.67	PASS
2DH5	Ant1	2480	0~Reference	0.32	0.32	---	PASS
2DH5	Ant1	2480	30~1000	0.32	-57.92	≤-19.68	PASS
2DH5	Ant1	2480	1000~26500	0.32	-31.07	≤-19.68	PASS
3DH5	Ant1	2402	0~Reference	1.50	1.50	---	PASS
3DH5	Ant1	2402	30~1000	1.50	-57.04	≤-18.5	PASS
3DH5	Ant1	2402	1000~26500	1.50	-27	≤-18.5	PASS
3DH5	Ant1	2441	0~Reference	-0.75	-0.75	---	PASS
3DH5	Ant1	2441	30~1000	-0.75	-57.41	≤-20.75	PASS
3DH5	Ant1	2441	1000~26500	-0.75	-31.67	≤-20.75	PASS
3DH5	Ant1	2480	0~Reference	1.70	1.70	---	PASS
3DH5	Ant1	2480	30~1000	1.70	-57.84	≤-18.3	PASS
3DH5	Ant1	2480	1000~26500	1.70	-28.09	≤-18.3	PASS



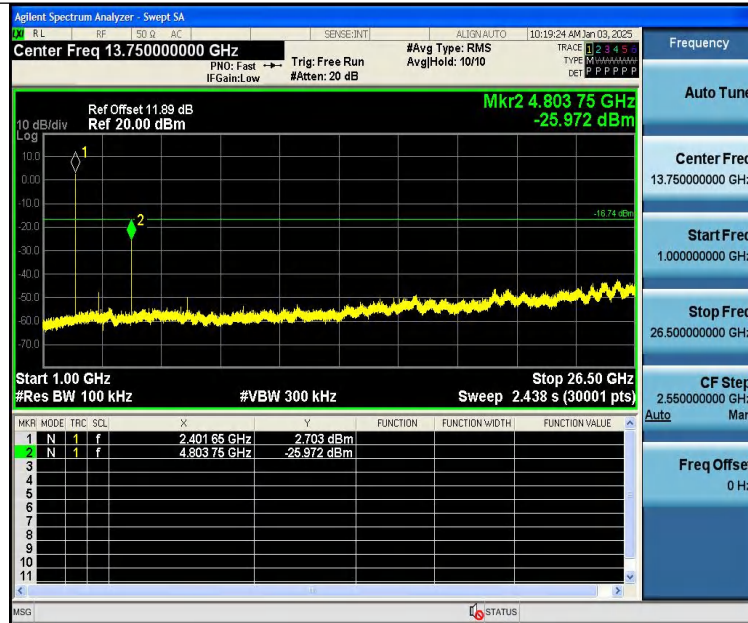
Test Graphs:



DH5-Ant1-2402-0~Reference-PASS



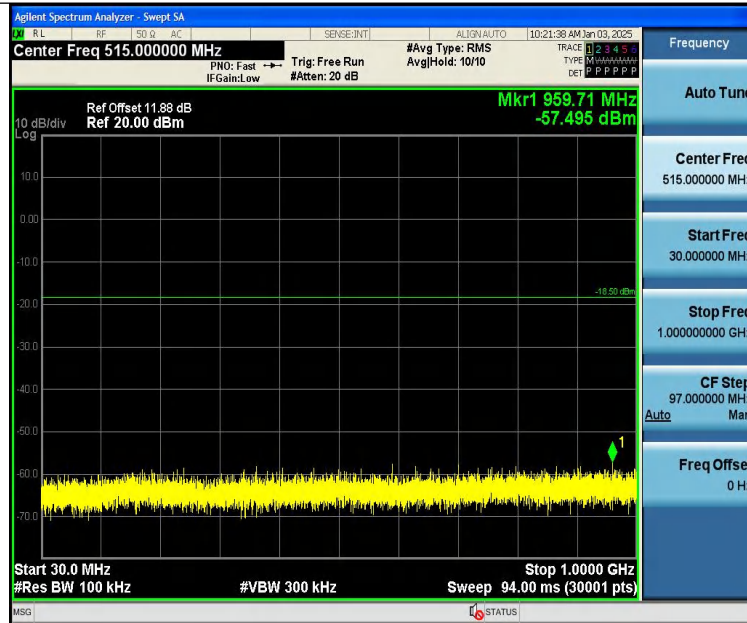
DH5-Ant1-2402-30~1000-PASS



DH5-Ant1-2402-1000~26500-PASS



DH5-Ant1-2441-0~Reference-PASS



DH5-Ant1-2441-30~1000-PASS



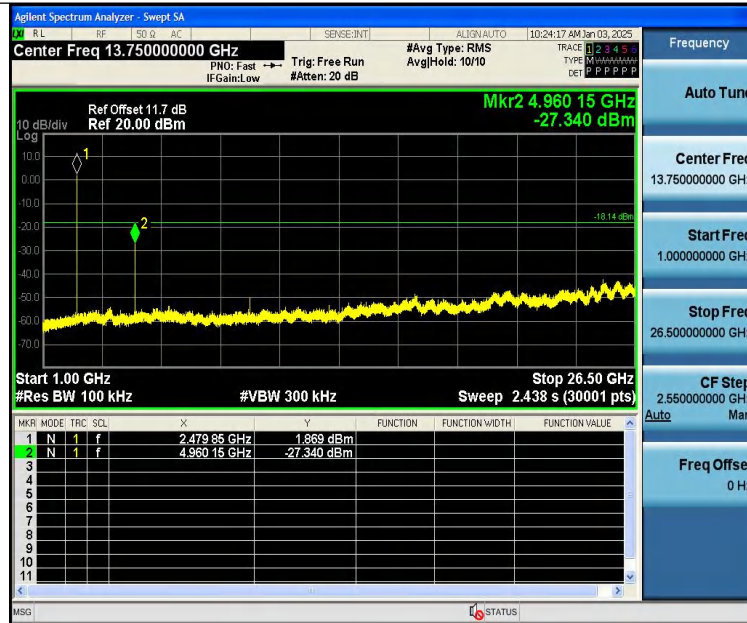
DH5-Ant1-2441-1000~26500-PASS



DH5-Ant1-2480-0~Reference-PASS



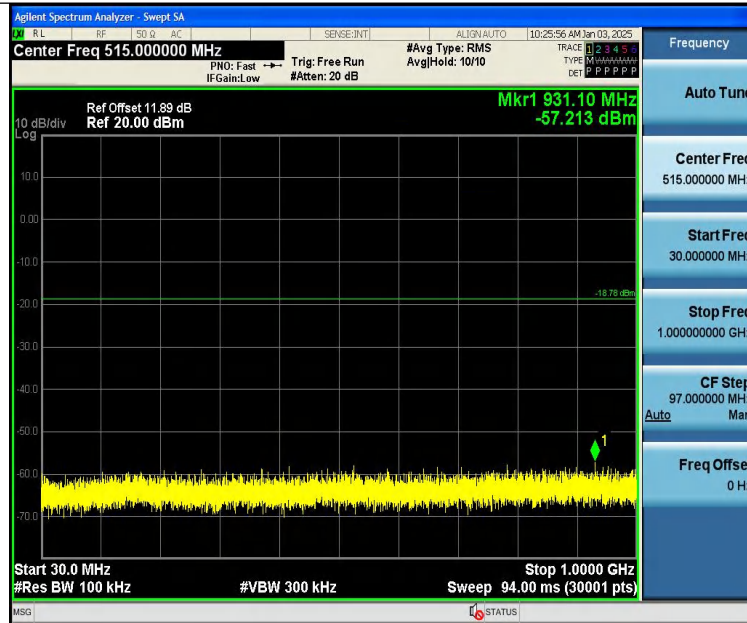
DH5-Ant1-2480-30~1000-PASS



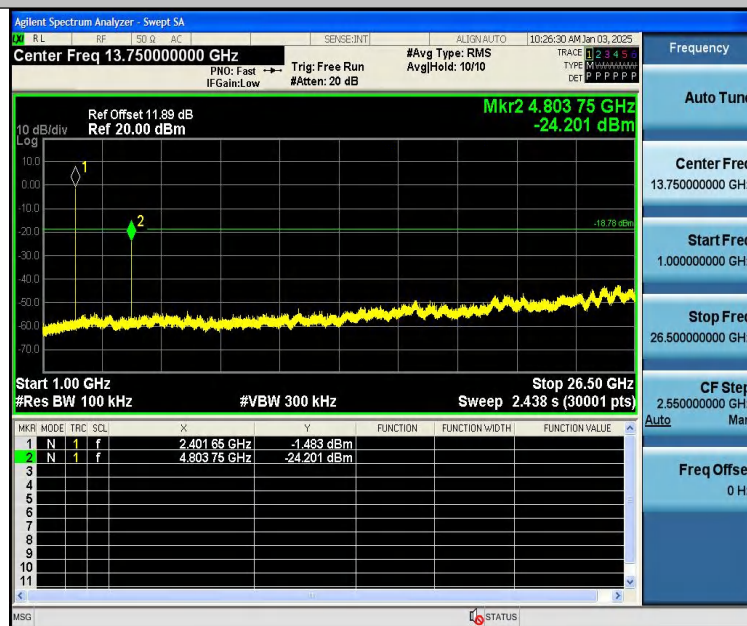
DH5-Ant1-2480-1000~26500-PASS



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



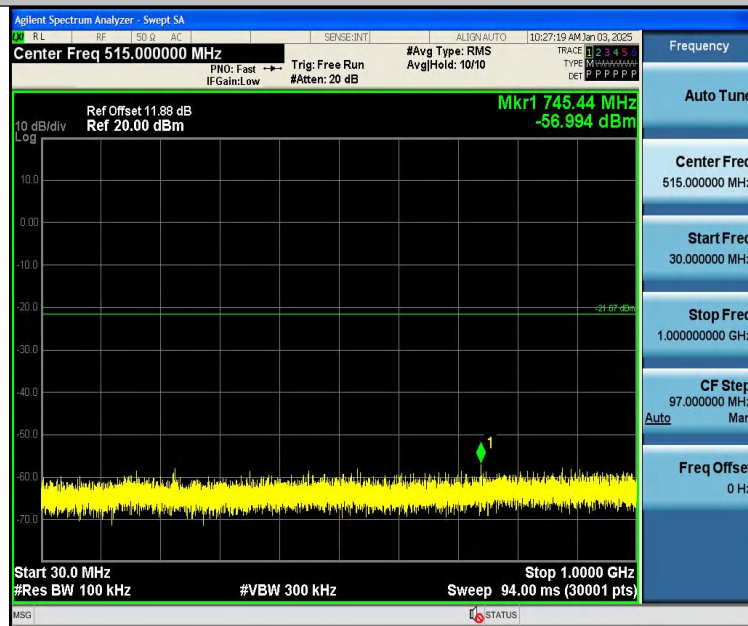
2DH5-Ant1-2402-30~1000-PASS



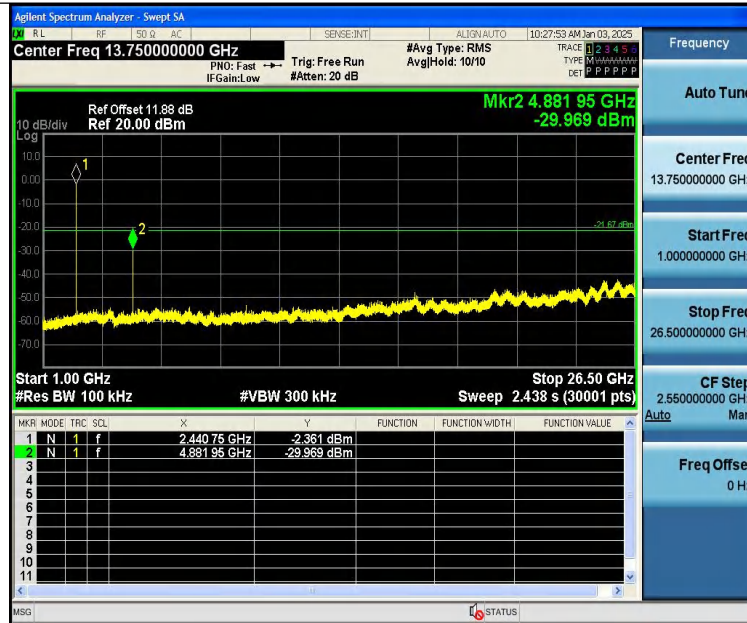
2DH5-Ant1-2402-1000~26500-PASS



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



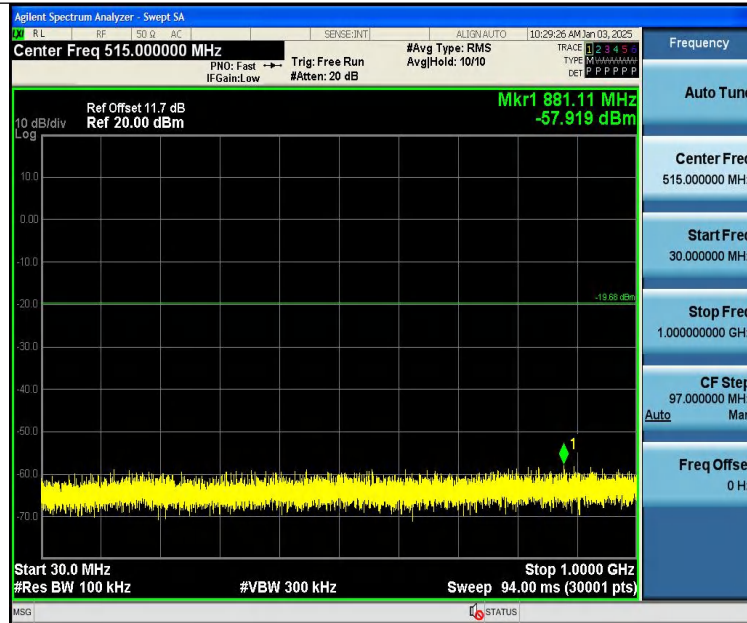
2DH5-Ant1-2441-30~1000-PASS



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



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



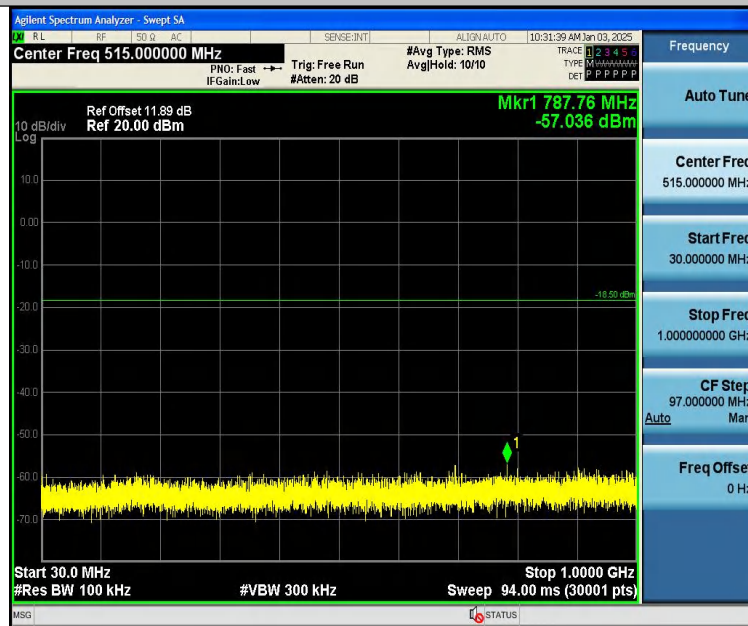
2DH5-Ant1-2480-30~1000-PASS



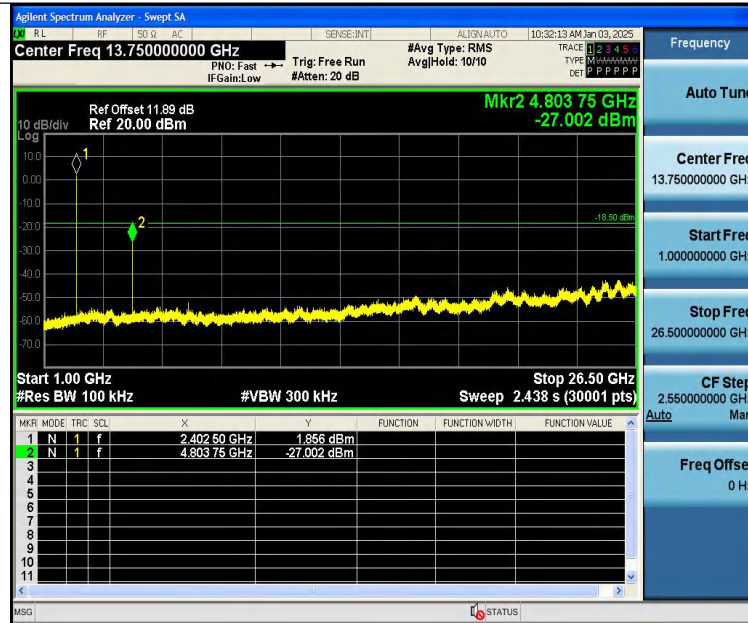
2DH5-Ant1-2480-1000~26500-PASS



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



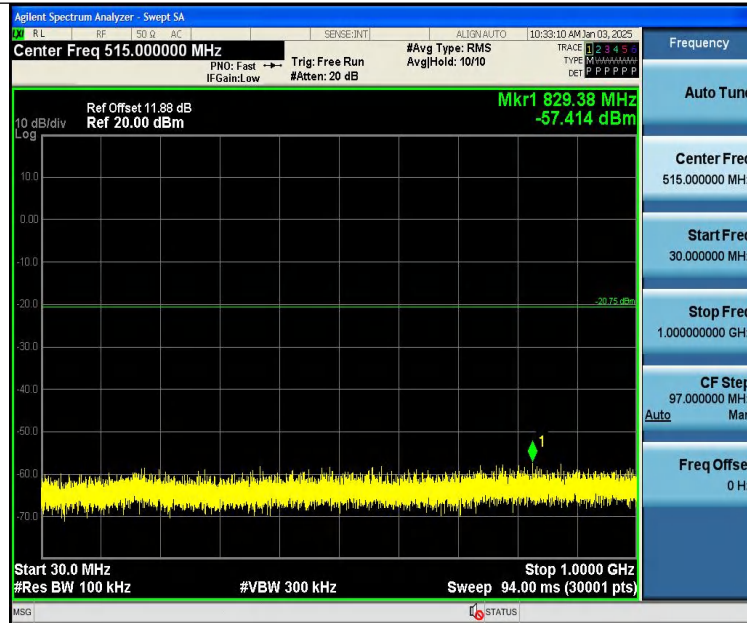
3DH5-Ant1-2402-30~1000-PASS



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



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



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



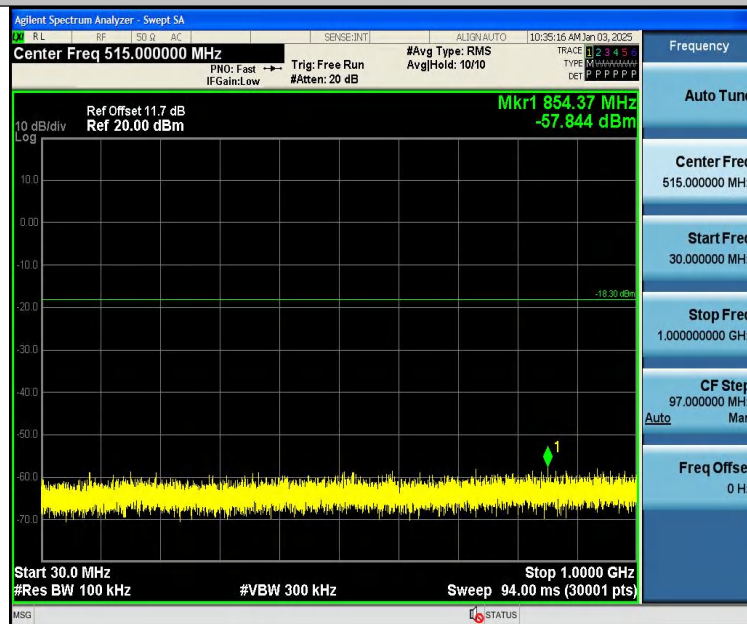
3DH5-Ant1-2441-1000~26500-PASS



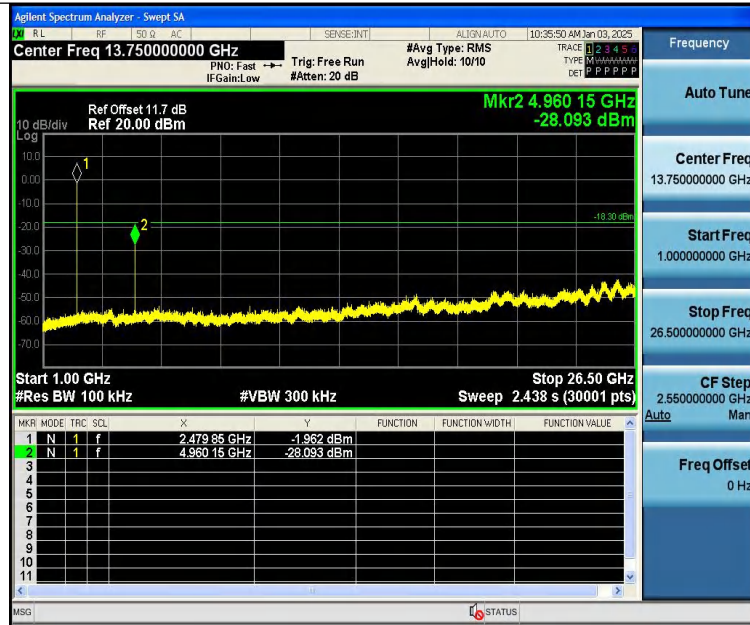
Report No.: PTC24122315201E-FC01



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 1.32 dBi. It complies with the standard requirement.

15 APPENDIX I -- TEST SETUP PHOTOGRAPH

Radiated Emissions
From 30M-1GHz



Above 1GHz



16 APPENDIX II -- EUT PHOTOGRAPH





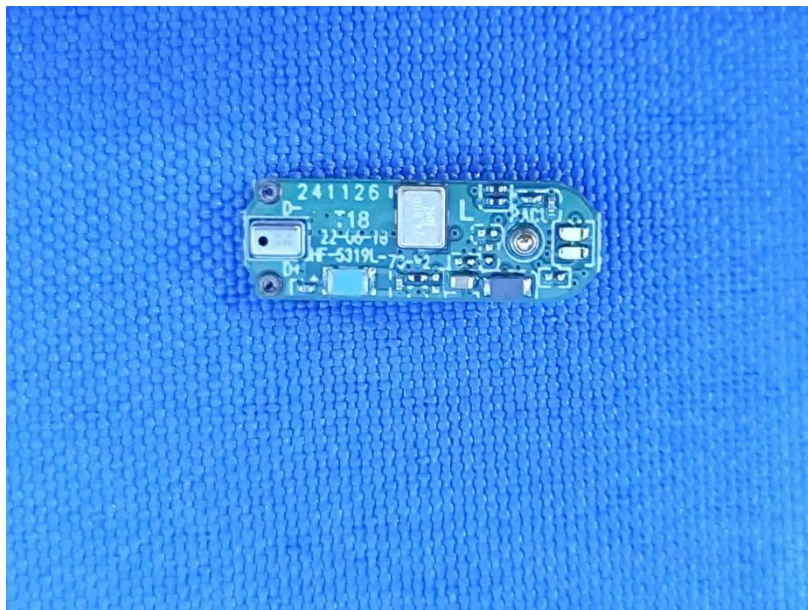
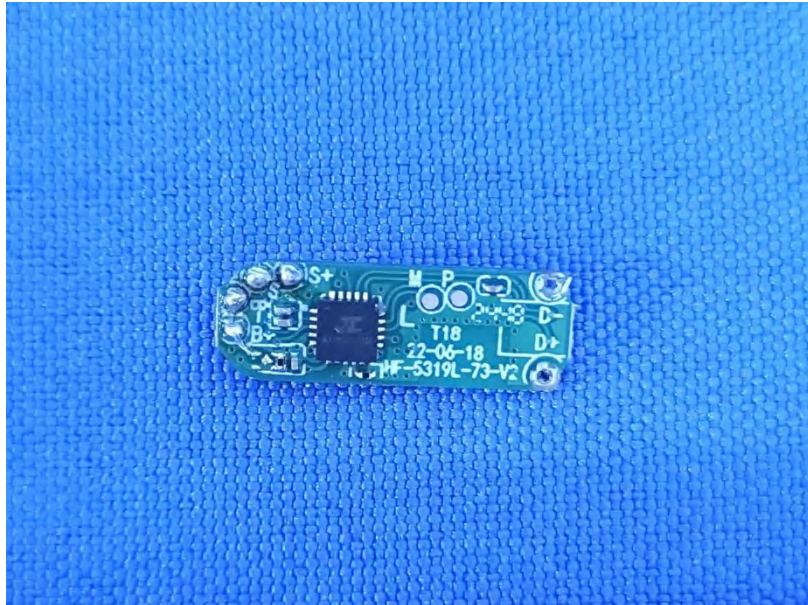
L:

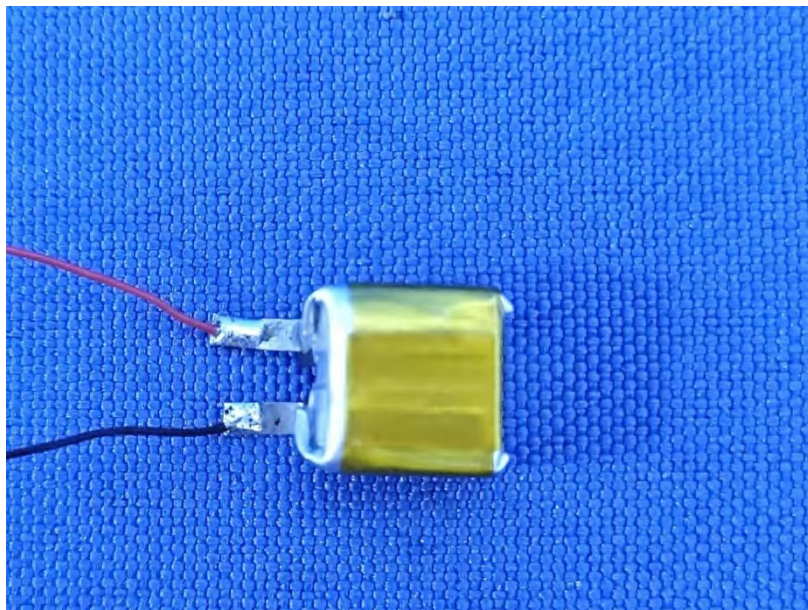
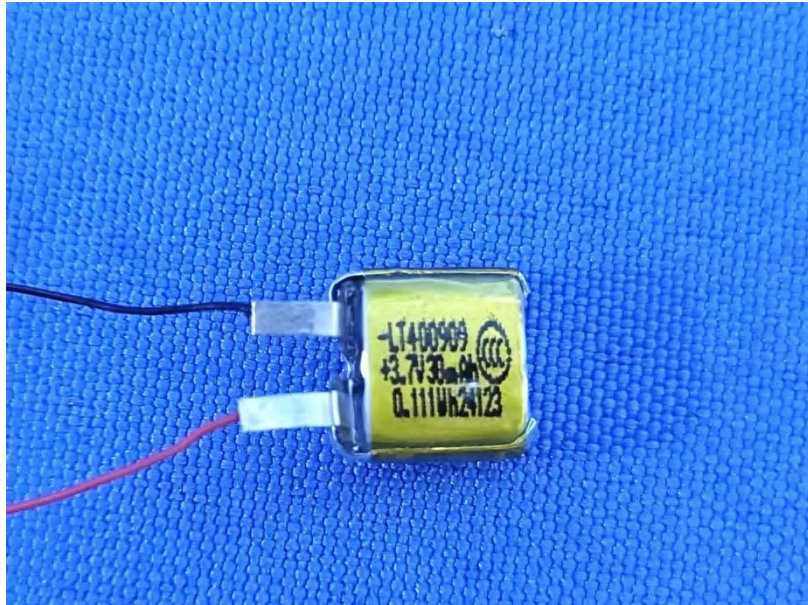










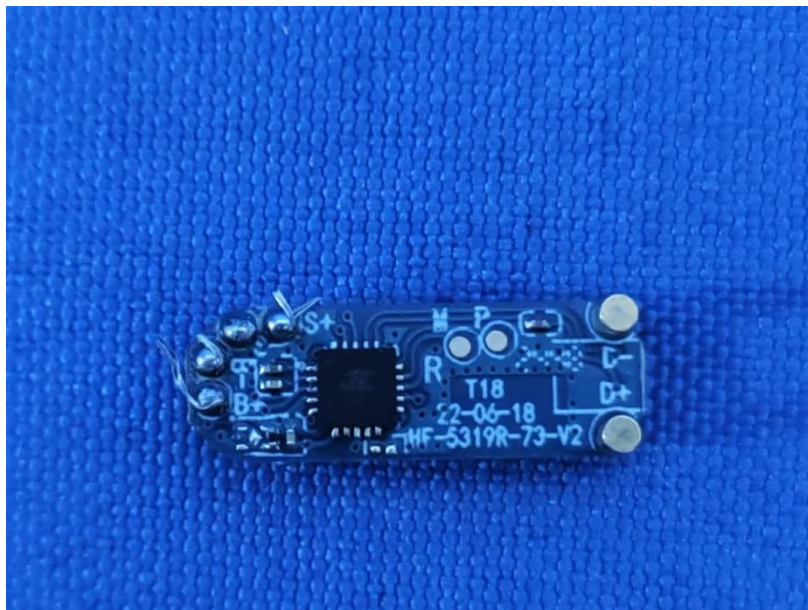


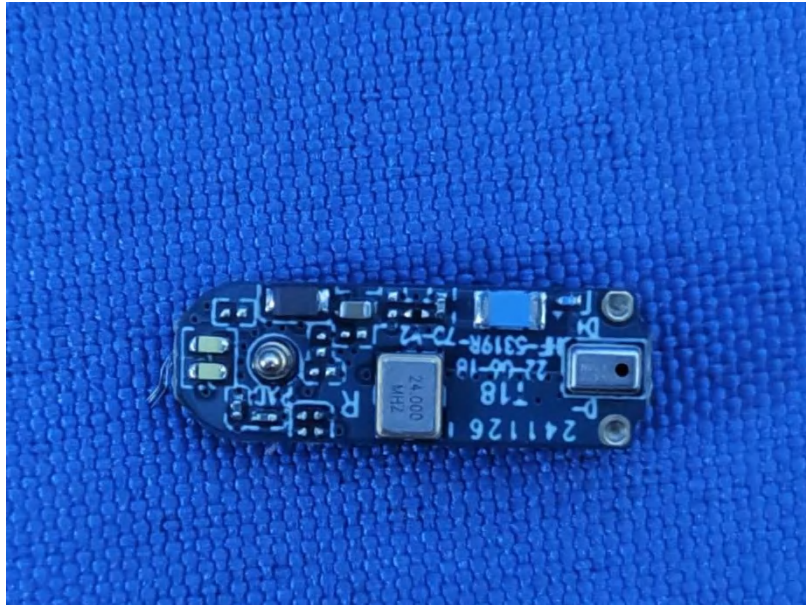
R:

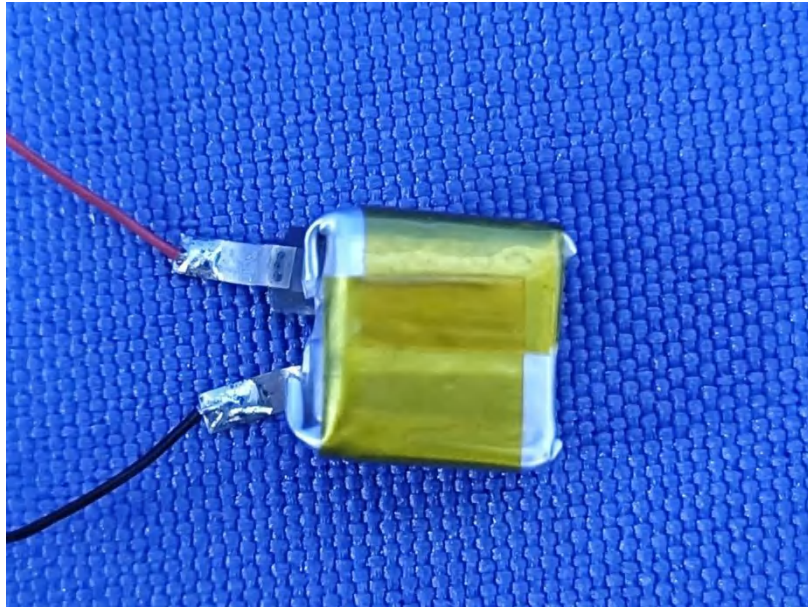












*******THE END REPORT*******