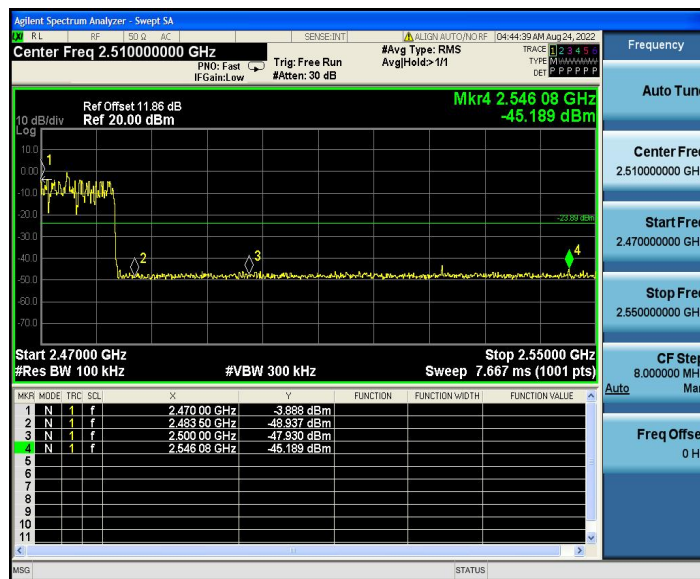


3DH5\_Ant1\_High\_Hop\_2480





## Conducted Emission Method

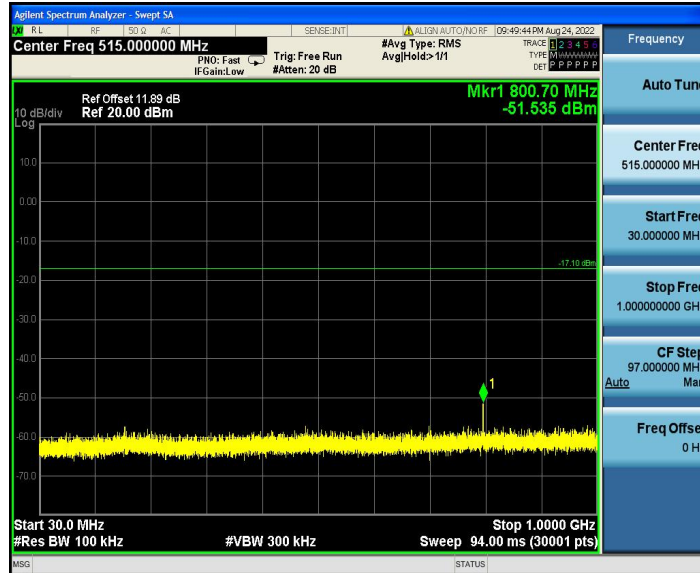
## Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	30~1000	2.90	-51.54	≤-17.1	PASS
			1000~26500	2.90	-38.76	≤-17.1	PASS
		2441	30~1000	1.40	-51.48	≤-18.6	PASS
			1000~26500	1.40	-38.65	≤-18.6	PASS
		2480	30~1000	-1.11	-50.98	≤-21.11	PASS
			1000~26500	-1.11	-38.46	≤-21.11	PASS
2DH5	Ant1	2402	30~1000	2.66	-51.55	≤-17.34	PASS
			1000~26500	2.66	-38.69	≤-17.34	PASS
		2441	30~1000	1.51	-51.92	≤-18.49	PASS
			1000~26500	1.51	-38.89	≤-18.49	PASS
		2480	30~1000	-1.08	-52.66	≤-21.08	PASS
			1000~26500	-1.08	-38.49	≤-21.08	PASS
3DH5	Ant1	2402	30~1000	2.81	-51.05	≤-17.19	PASS
			1000~26500	2.81	-38.49	≤-17.19	PASS
		2441	30~1000	1.41	-51.16	≤-18.59	PASS
			1000~26500	1.41	-38.6	≤-18.59	PASS
		2480	30~1000	-1.07	-51.35	≤-21.07	PASS
			1000~26500	-1.07	-38.24	≤-21.07	PASS



## Test Graphs

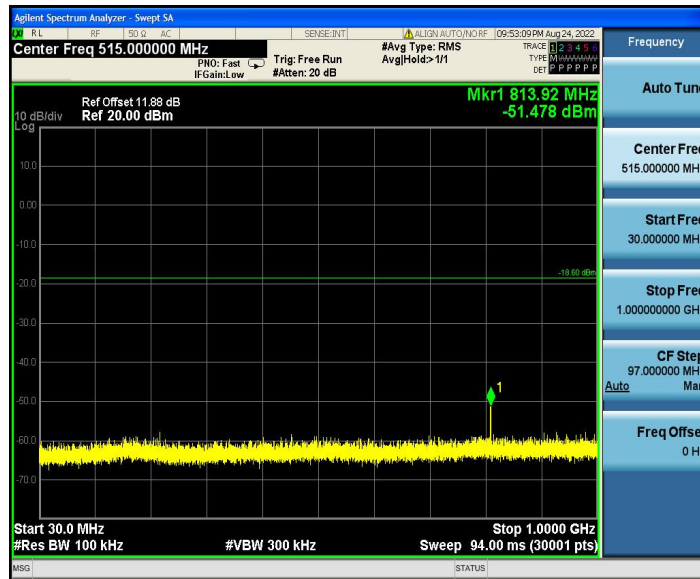
DH5\_Ant1\_2402\_30~1000



DH5\_Ant1\_2402\_1000~26500



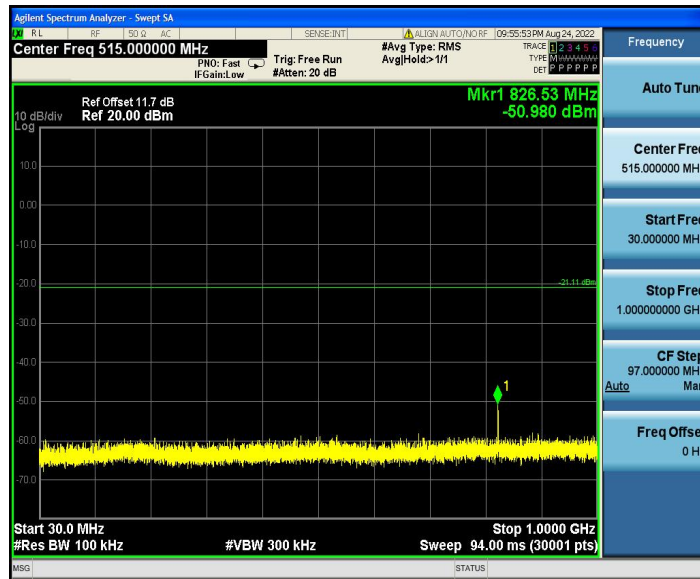
DH5\_Ant1\_2441\_30~1000



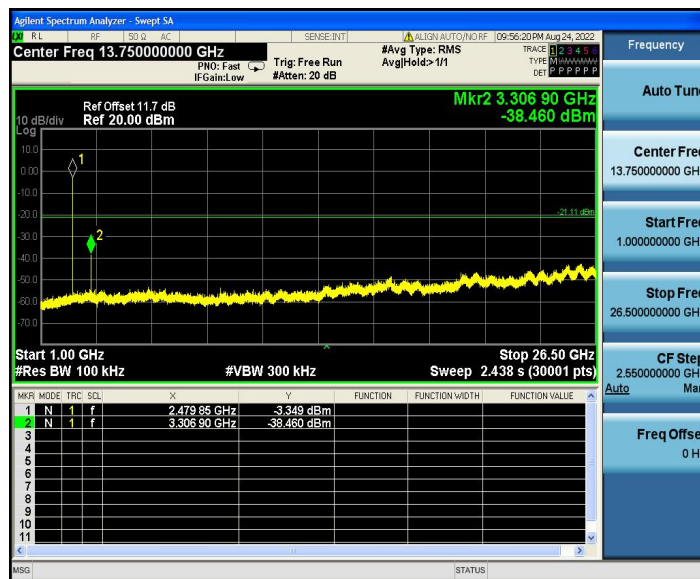
DH5\_Ant1\_2441\_1000~26500



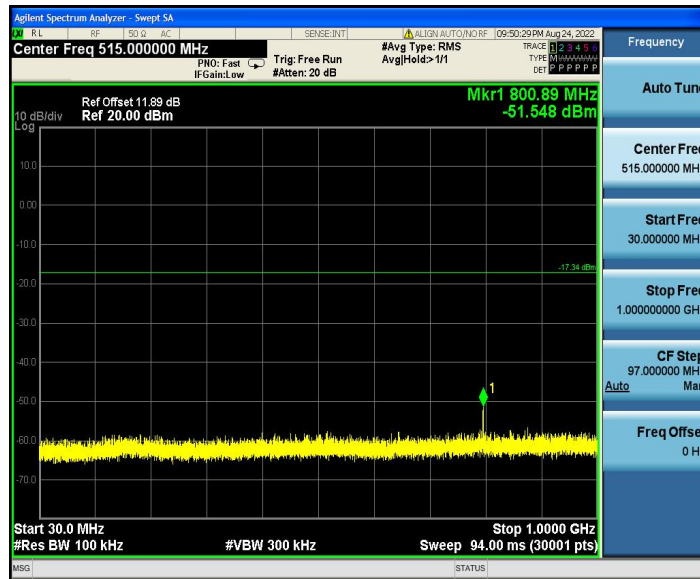
DH5\_Ant1\_2480\_30~1000



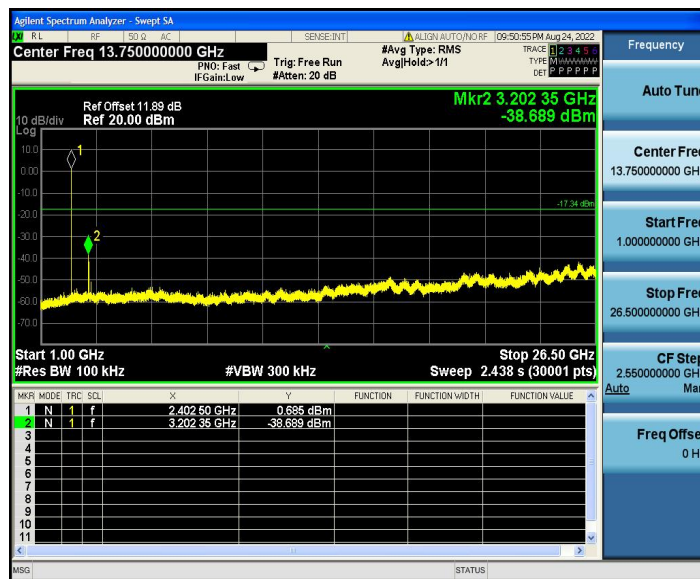
DH5\_Ant1\_2480\_1000~26500



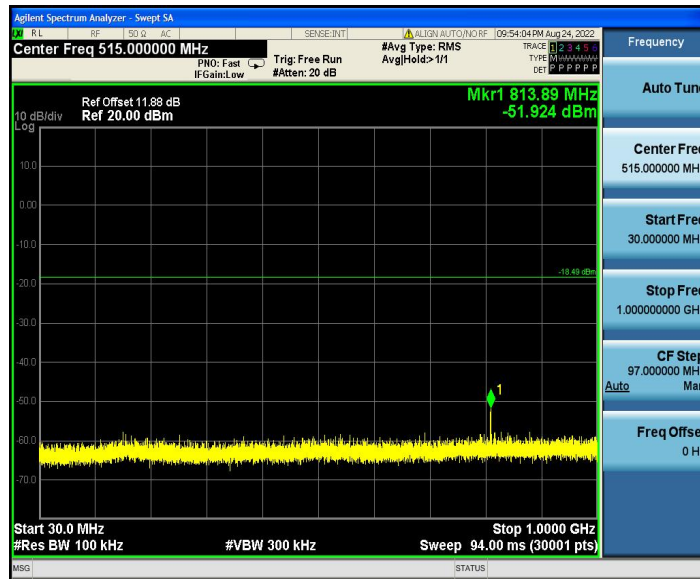
2DH5\_Ant1\_2402\_30~1000



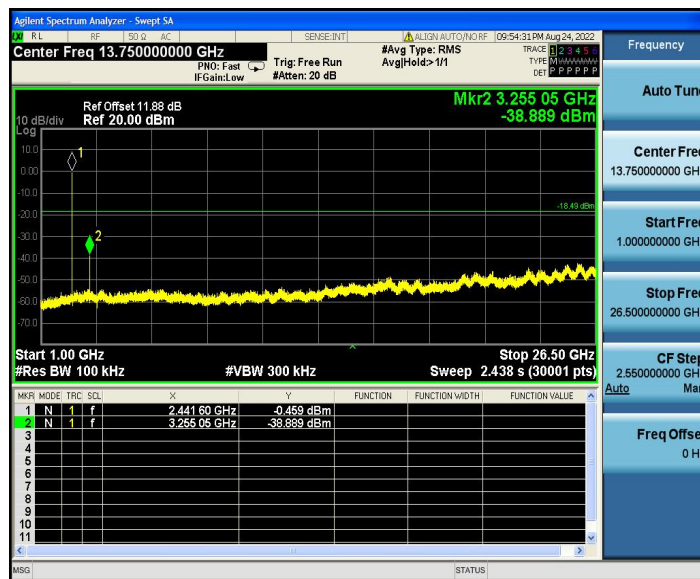
2DH5\_Ant1\_2402\_1000~26500



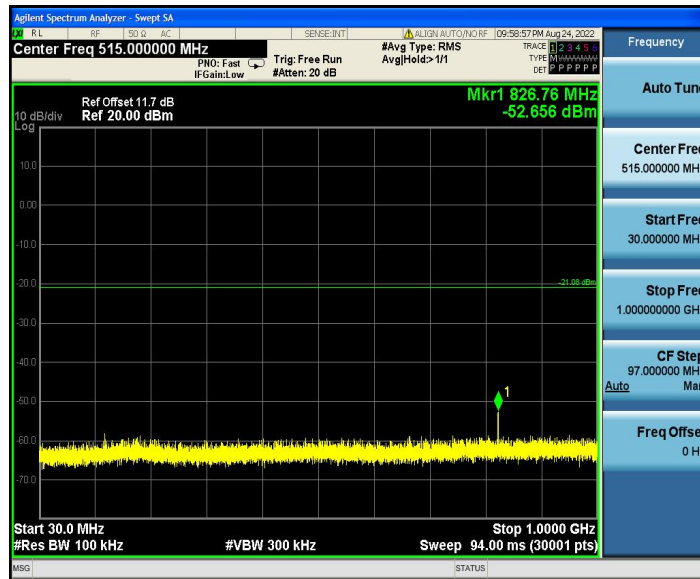
2DH5\_Ant1\_2441\_30~1000



2DH5\_Ant1\_2441\_1000~26500



2DH5\_Ant1\_2480\_30~1000

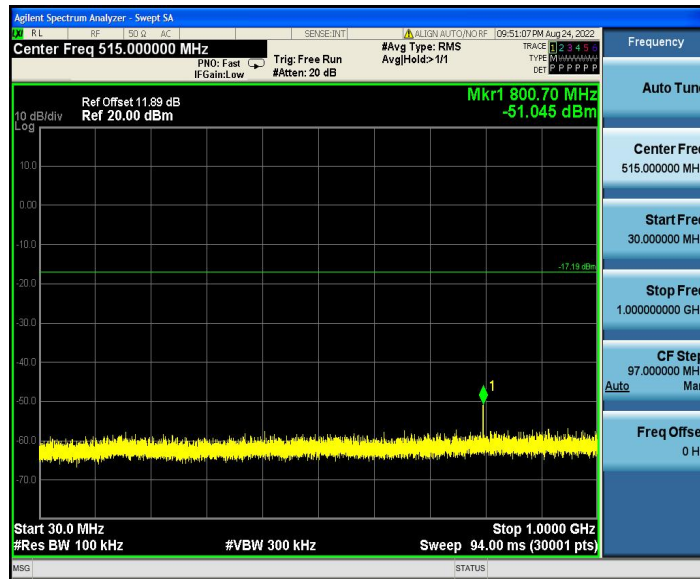


2DH5\_Ant1\_2480\_1000~26500

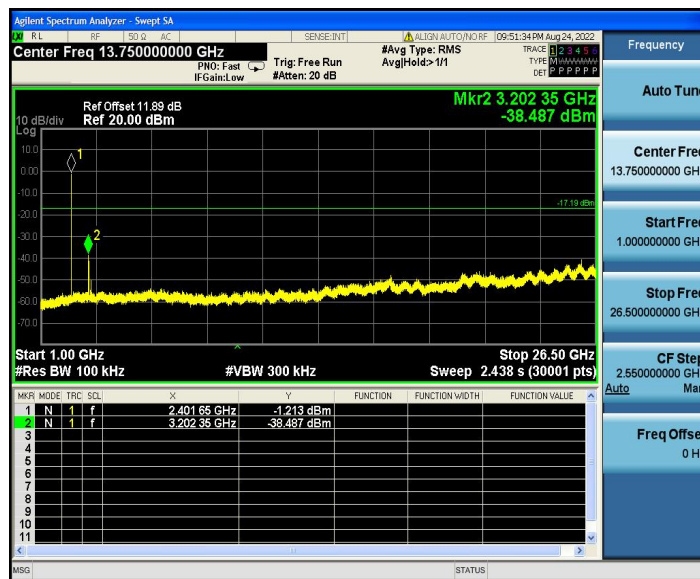


3DH5\_Ant1\_2402\_30~1000

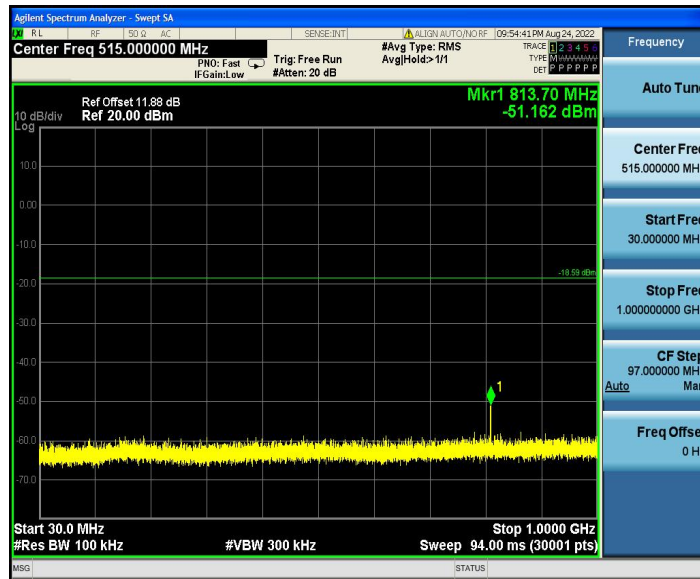




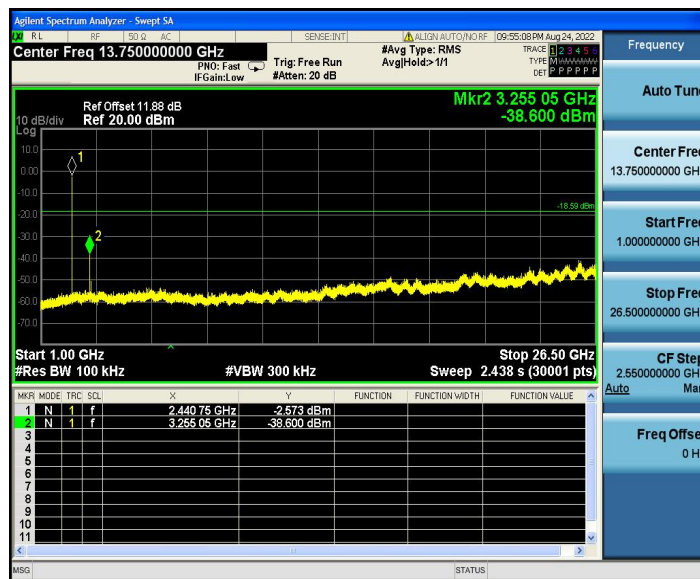
3DH5\_Ant1\_2402\_1000~26500



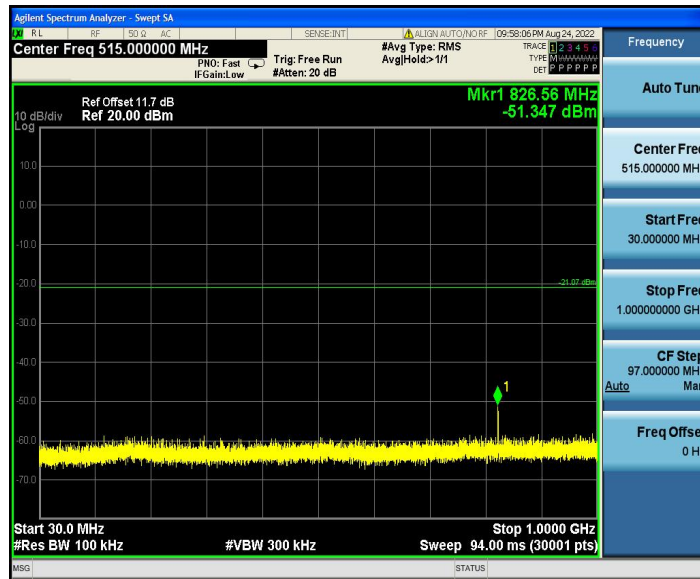
3DH5\_Ant1\_2441\_30~1000



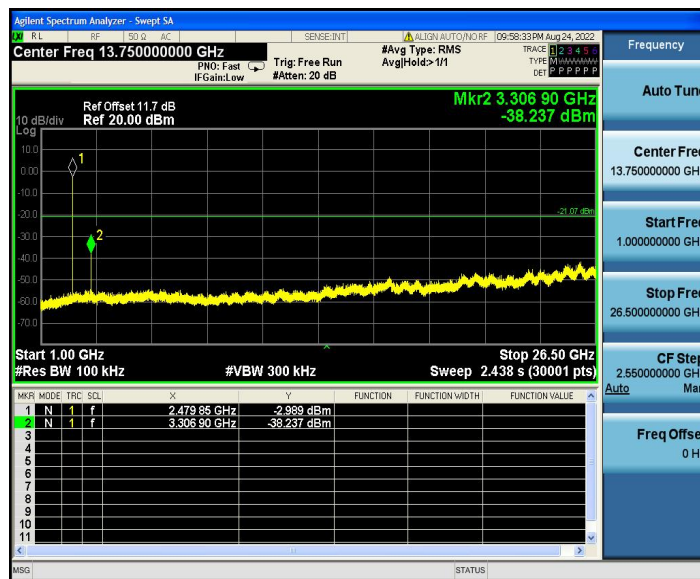
3DH5\_Ant1\_2441\_1000~26500



3DH5\_Ant1\_2480\_30~1000



3DH5\_Ant1\_2480\_1000~26500





## 14 Antenna Requirement

### 14.1 Test Standard and Requirement

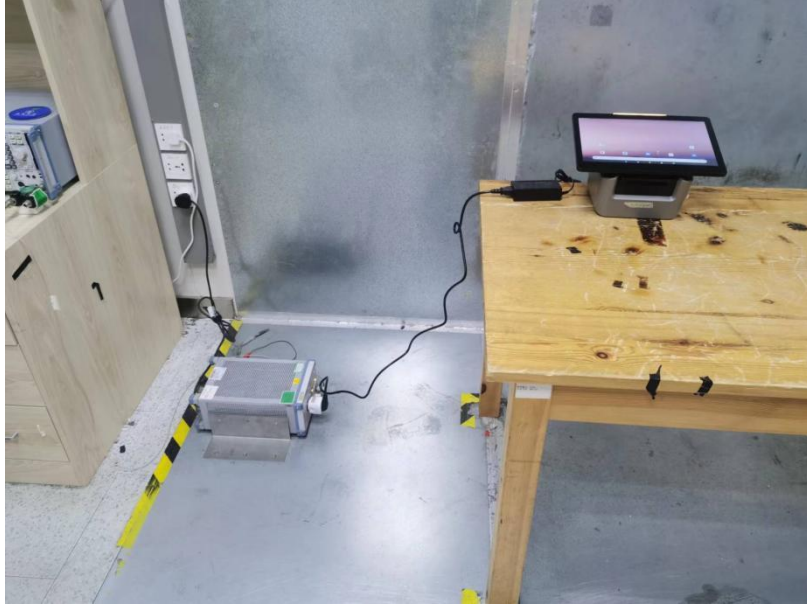
Test Standard	FCC Part15 Section 15.203 /247(c)
Requirement	<p>1) 15.203 requirement:</p> <p>An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna 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.</p> <p>2) 15.247(c) (1)(i) requirement:</p> <p>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.</p>

### 14.2 Antenna Connected Construction

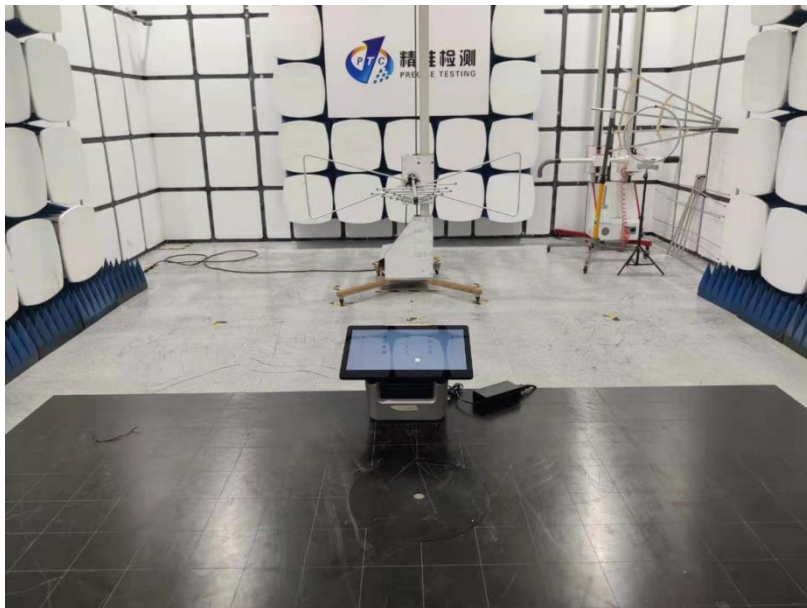
The antenna is IFA Antenna which permanently attached, and the best case gain of the antenna is 1.2dBi. It complies with the standard requirement.

## 15 APPENDIX I -- TEST SETUP PHOTOGRAPH

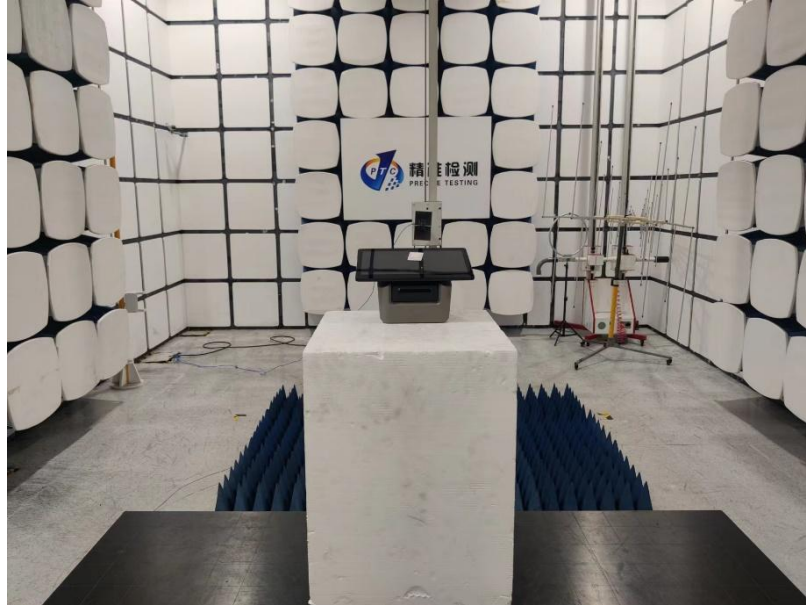
### Conducted Emissions



### Radiated Emissions From 30M-1GHz



Above 1GHz





## 16 APPENDIX II -- EUT PHOTOGRAPH



