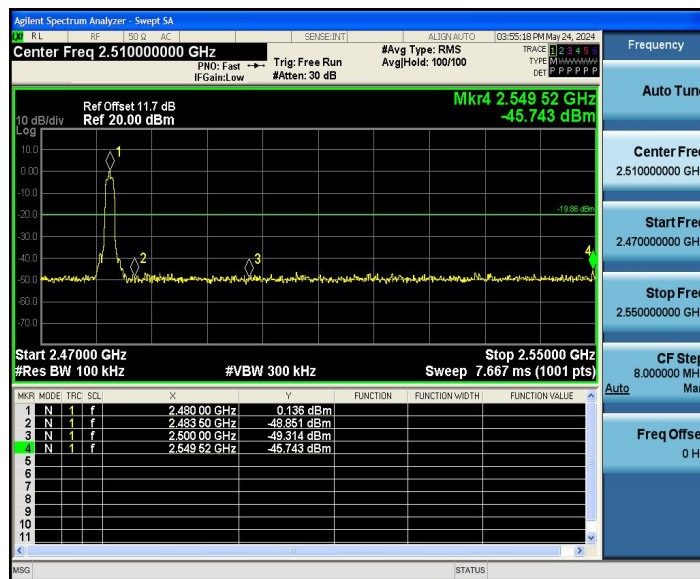


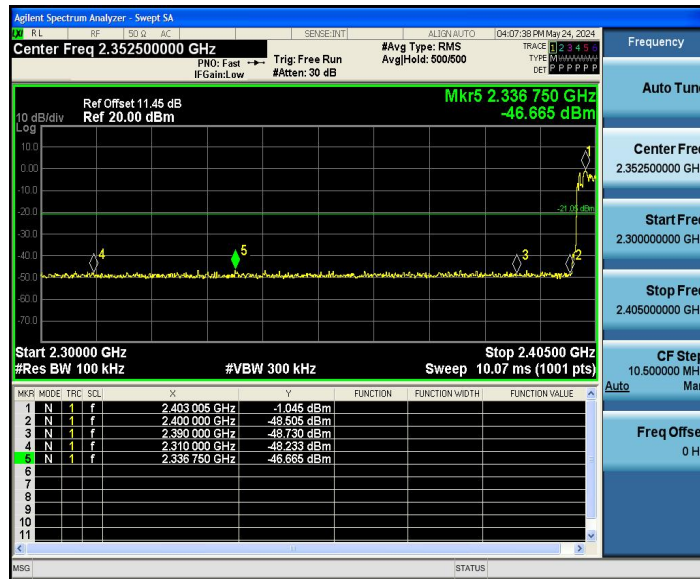
2DH5\_Ant1\_High\_2480



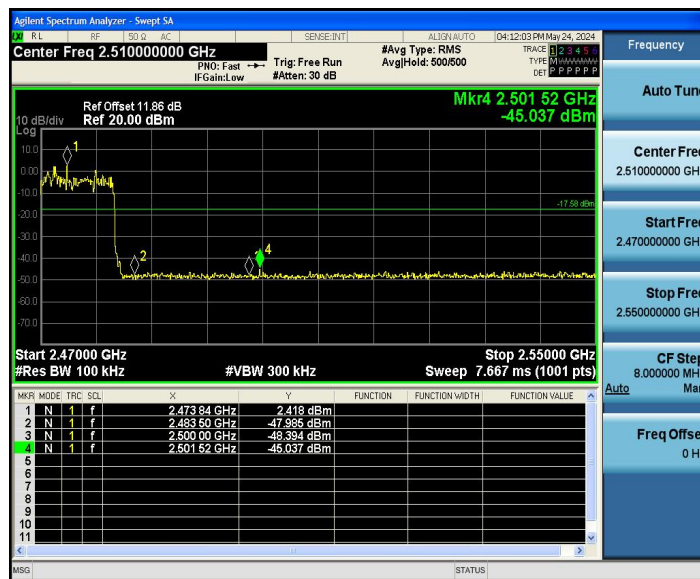
2DH5\_Ant1\_Low\_Hop\_2402



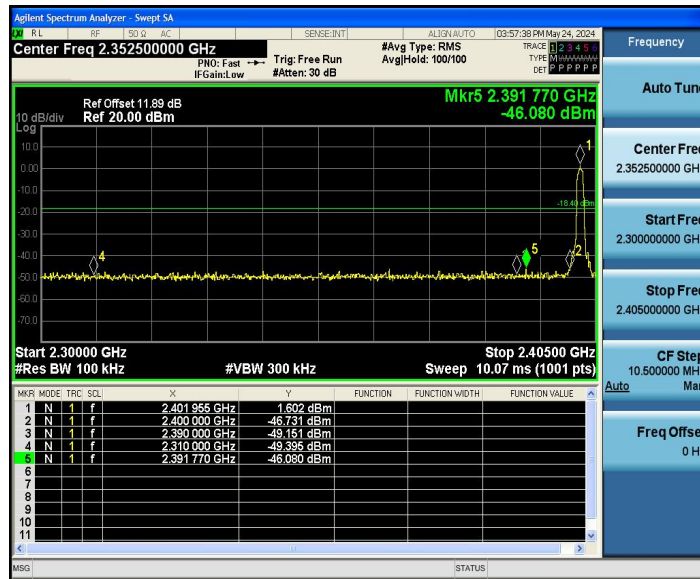
Report No.: PTC24041812505E-FC01



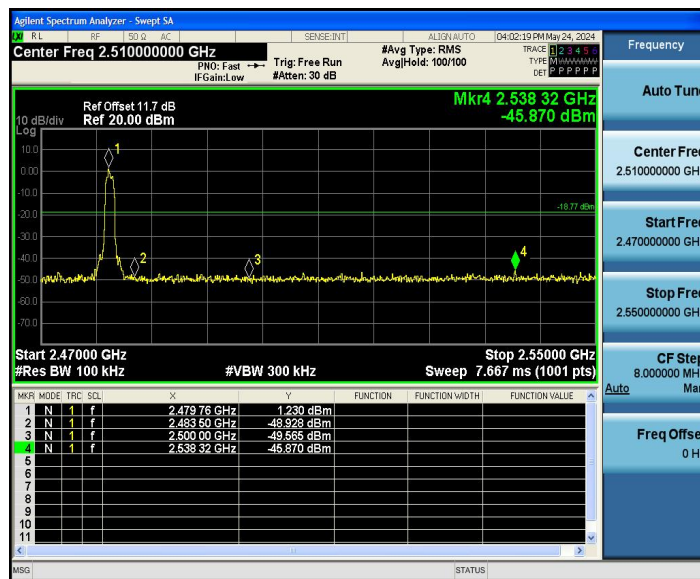
2DH5\_Ant1\_High\_Hop\_2480



3DH5\_Ant1\_Low\_2402



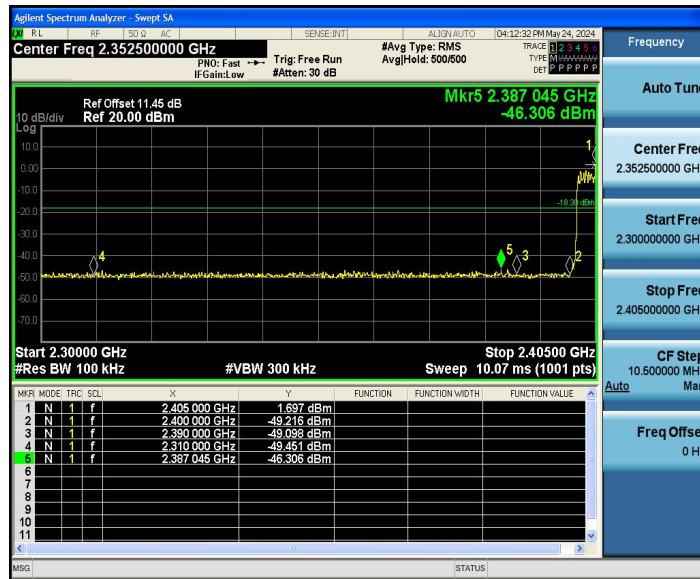
3DH5\_Ant1\_High\_2480



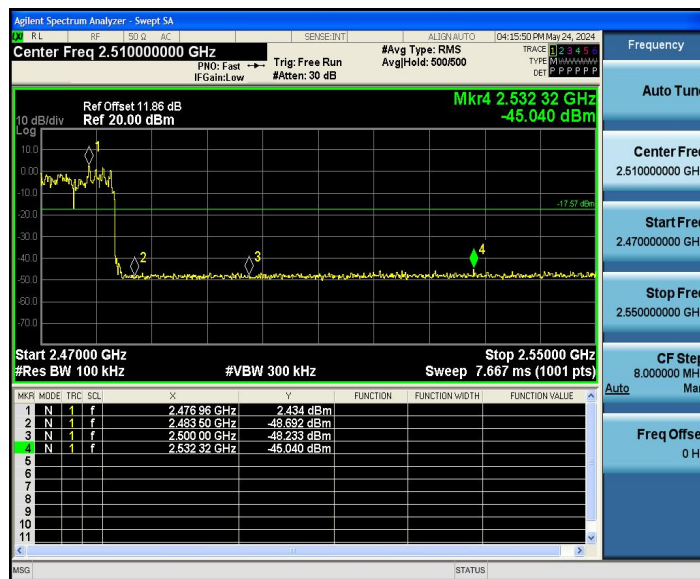
3DH5\_Ant1\_Low\_Hop\_2402



Report No.: PTC24041812505E-FC01



### 3DH5\_Ant1\_High\_Hop\_2480





# Conducted Emission Method

## Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	3.09	3.09	---	PASS
			30~1000	3.09	-58.73	≤-16.91	PASS
			1000~26500	3.09	-20.91	≤-16.91	PASS
		2441	Reference	2.38	2.38	---	PASS
			30~1000	2.38	-57.86	≤-17.62	PASS
			1000~26500	2.38	-21.56	≤-17.62	PASS
		2480	Reference	1.80	1.80	---	PASS
			30~1000	1.80	-58.5	≤-18.2	PASS
			1000~26500	1.80	-20.9	≤-18.2	PASS
2DH5	Ant1	2402	Reference	-0.42	-0.42	---	PASS
			30~1000	-0.42	-57.84	≤-20.42	PASS
			1000~26500	-0.42	-21.8	≤-20.42	PASS
		2441	Reference	0.72	0.72	---	PASS
			30~1000	0.72	-57.73	≤-19.28	PASS
			1000~26500	0.72	-22.84	≤-19.28	PASS
		2480	Reference	-0.36	-0.36	---	PASS
			30~1000	-0.36	-58.75	≤-20.36	PASS
			1000~26500	-0.36	-26.51	≤-20.36	PASS
3DH5	Ant1	2402	Reference	0.16	0.16	---	PASS
			30~1000	0.16	-58.11	≤-19.84	PASS
			1000~26500	0.16	-24.65	≤-19.84	PASS
		2441	Reference	1.11	1.11	---	PASS
			30~1000	1.11	-57.92	≤-18.89	PASS
			1000~26500	1.11	-27.06	≤-18.89	PASS
		2480	Reference	1.79	1.79	---	PASS
			30~1000	1.79	-58.04	≤-18.21	PASS
			1000~26500	1.79	-22.06	≤-18.21	PASS

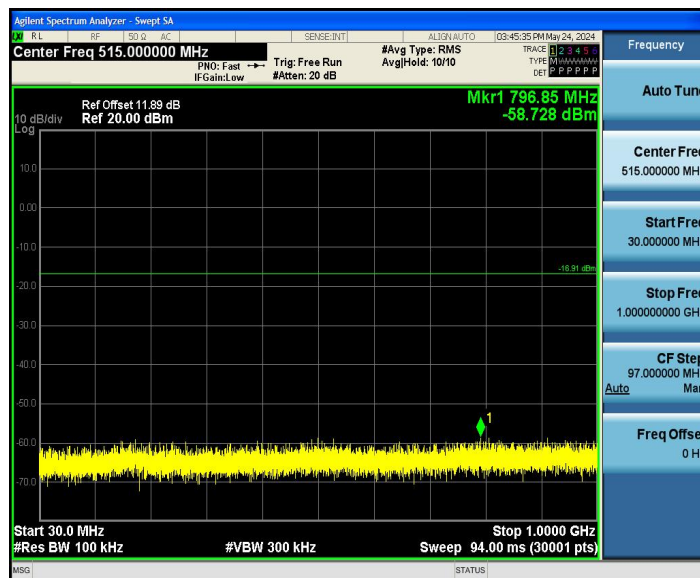


## Test Graphs:

DH5\_Ant1\_2402\_0~Reference



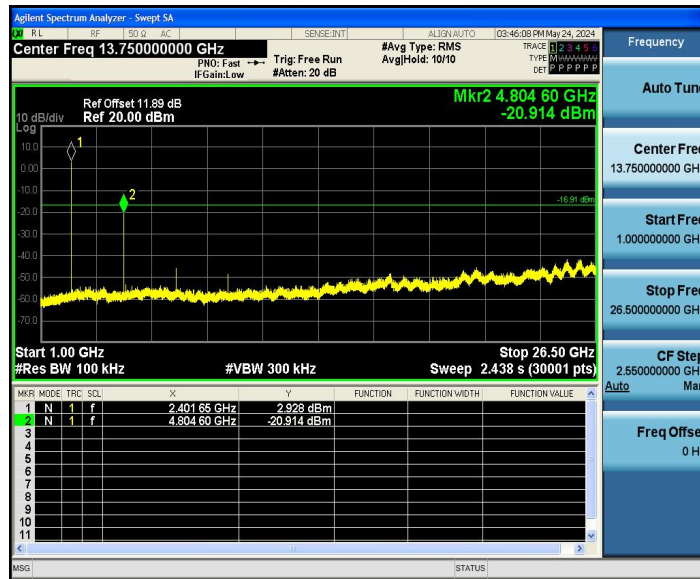
DH5\_Ant1\_2402\_30~1000



DH5\_Ant1\_2402\_1000~26500



Report No.: PTC24041812505E-FC01

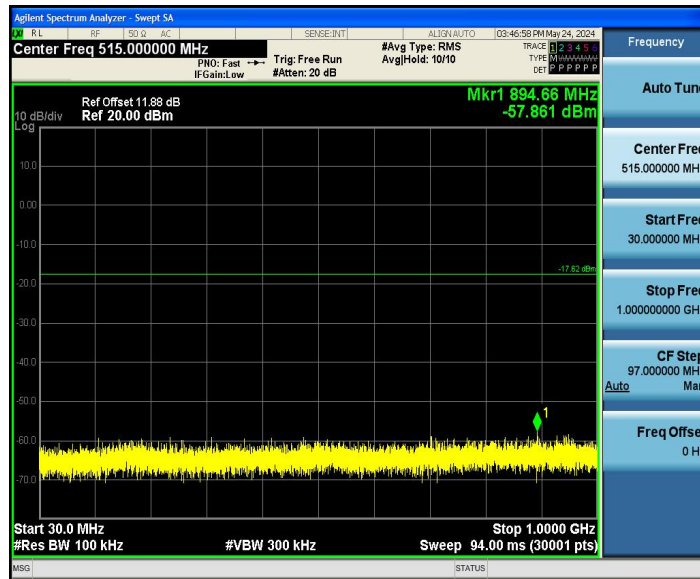


DH5\_Ant1\_2441\_0~Reference



DH5\_Ant1\_2441\_30~1000





DH5\_Ant1\_2441\_1000~26500



DH5\_Ant1\_2480\_0~Reference





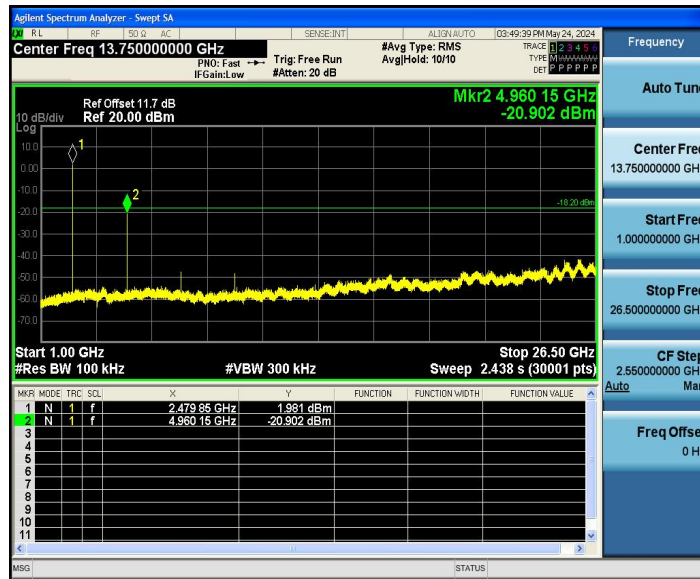
DH5\_Ant1\_2480\_30~1000



DH5\_Ant1\_2480\_1000~26500



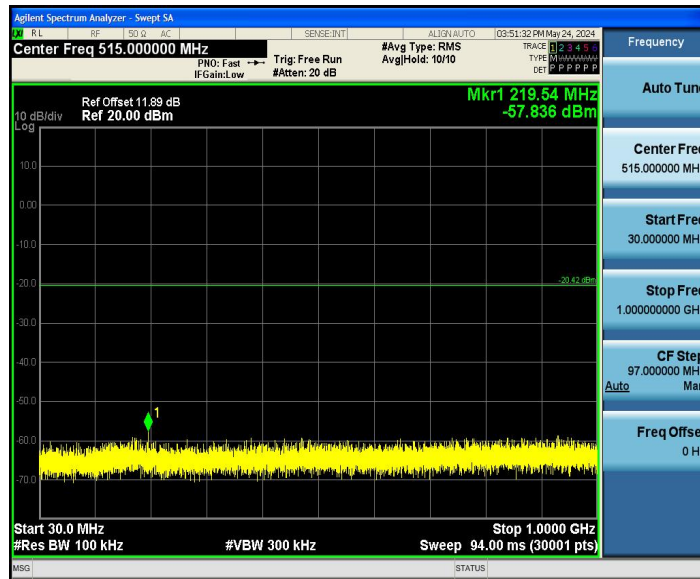
Report No.: PTC24041812505E-FC01



2DH5\_Ant1\_2402\_0~Reference



2DH5\_Ant1\_2402\_30~1000



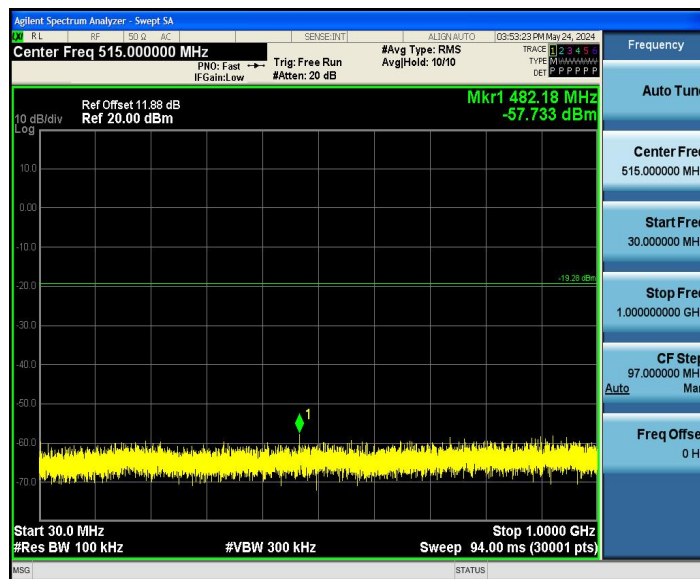
2DH5\_Ant1\_2402\_1000~26500



2DH5\_Ant1\_2441\_0~Reference



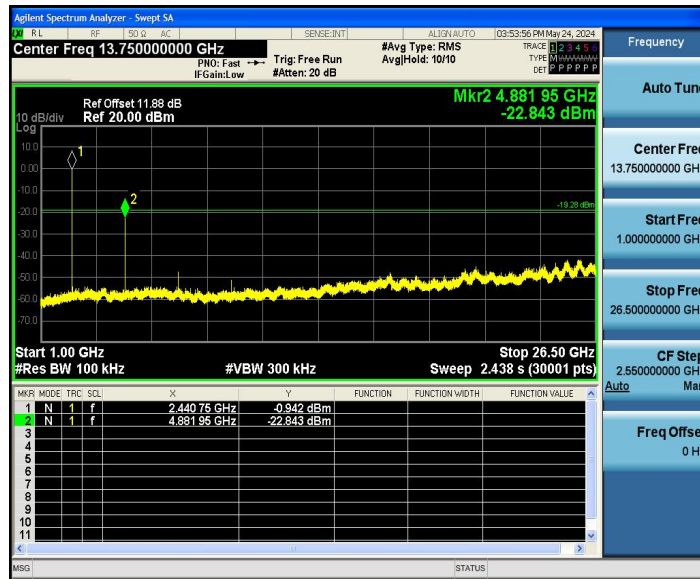
2DH5\_Ant1\_2441\_30~1000



2DH5\_Ant1\_2441\_1000~26500



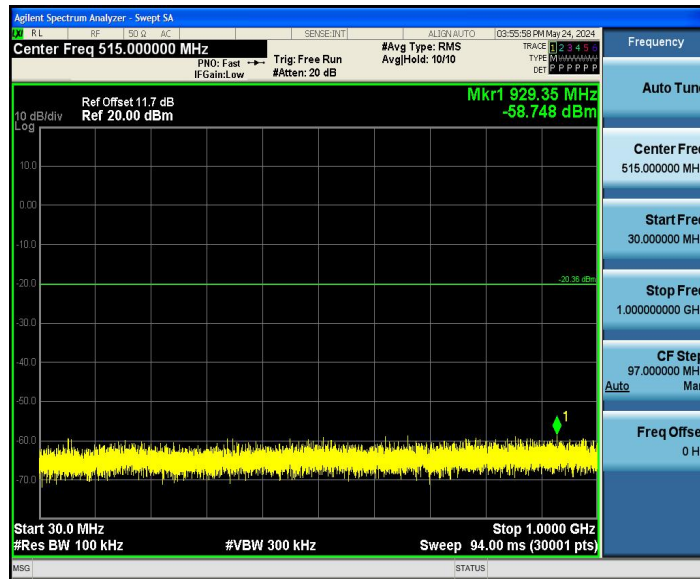
Report No.: PTC24041812505E-FC01



2DH5\_Ant1\_2480\_0~Reference



2DH5\_Ant1\_2480\_30~1000



2DH5\_Ant1\_2480\_1000~26500



3DH5\_Ant1\_2402\_0~Reference



Report No.: PTC24041812505E-FC01



3DH5\_Ant1\_2402\_30~1000

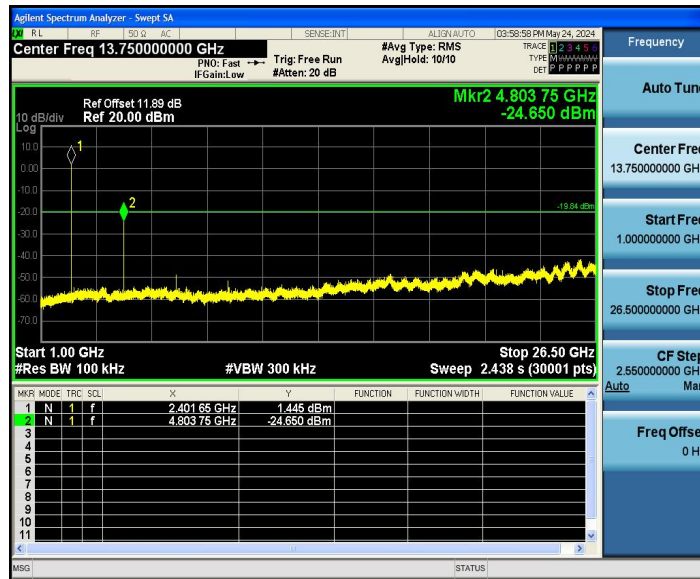


3DH5\_Ant1\_2402\_1000~26500





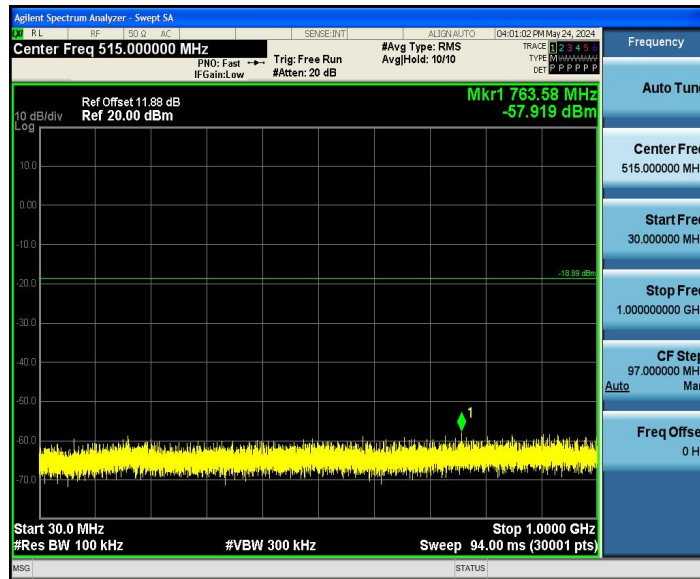
Report No.: PTC24041812505E-FC01



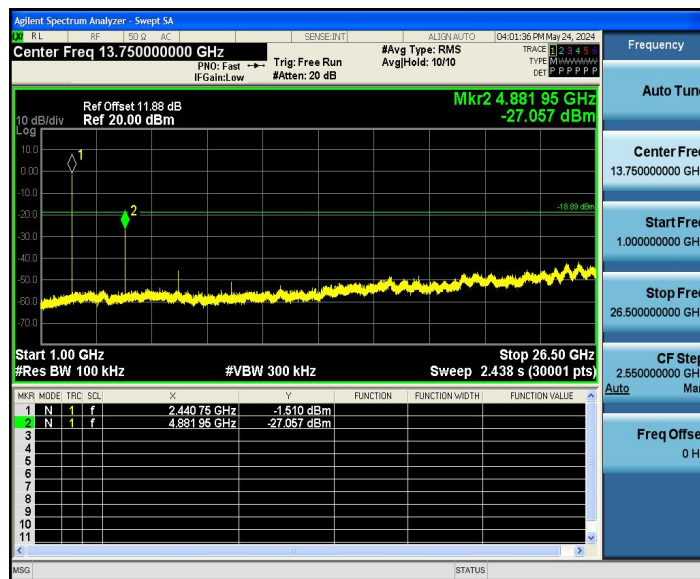
3DH5\_Ant1\_2441\_0~Reference



3DH5\_Ant1\_2441\_30~1000



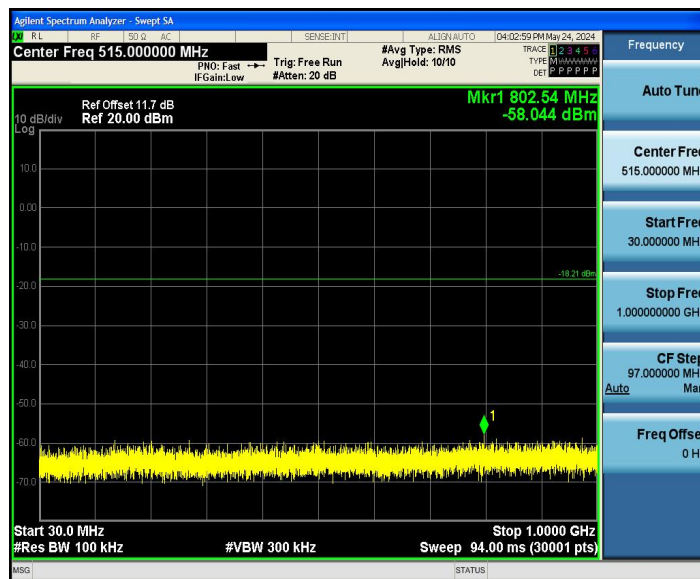
3DH5\_Ant1\_2441\_1000~26500



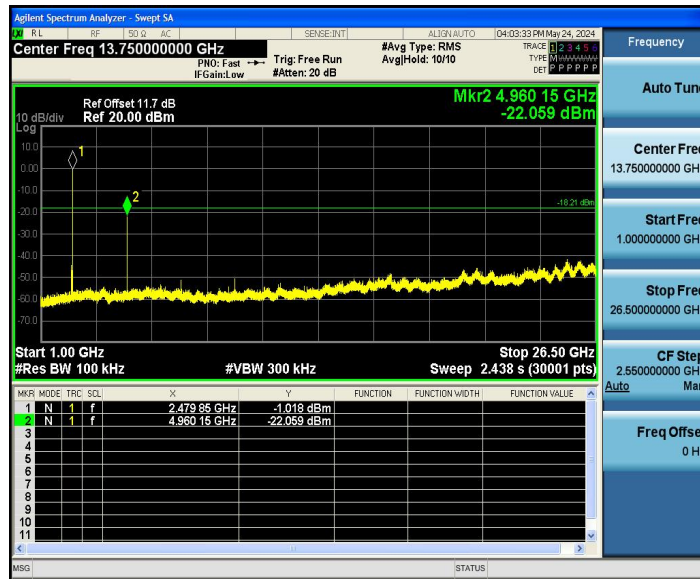
3DH5\_Ant1\_2480\_0~Reference



3DH5\_Ant1\_2480\_30~1000



3DH5\_Ant1\_2480\_1000~26500





## 14 Antenna Requirement

### 14.1 Test Standard and Requirement

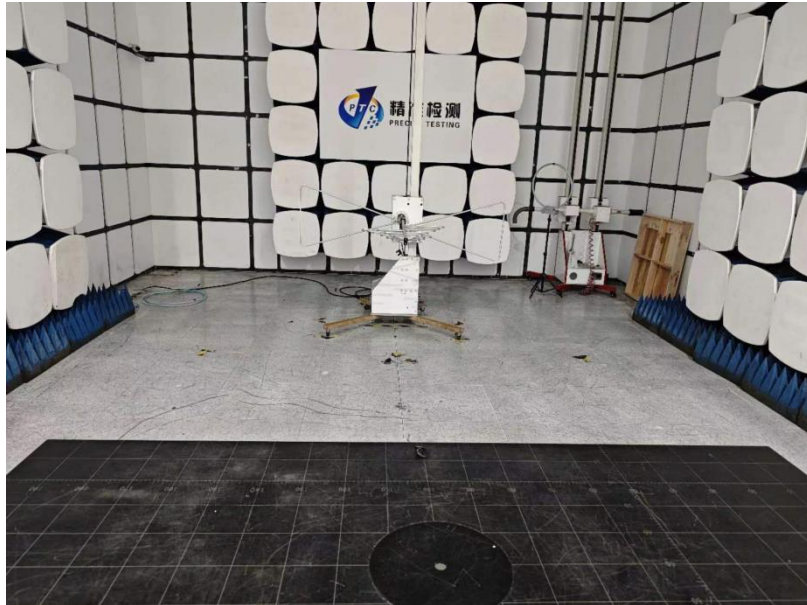
Test Standard	FCC Part15 Section 15.203 /247(c)
Requirement	<p>1) 15.203 requirement:</p> <p>An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna 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 Ceramic Antenna which permanently attached, and the best case gain of the antenna is 2.7dBi. It complies with the standard requirement.

## 15 TEST SETUP PHOTOGRAPH

Radiated Emissions  
From 30M-1GHz



Above 1GHz





## 16 EUT PHOTOGRAPH





