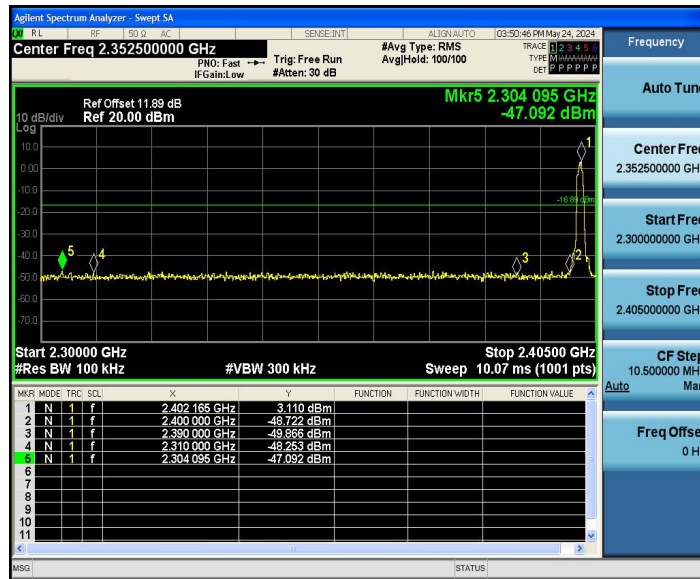
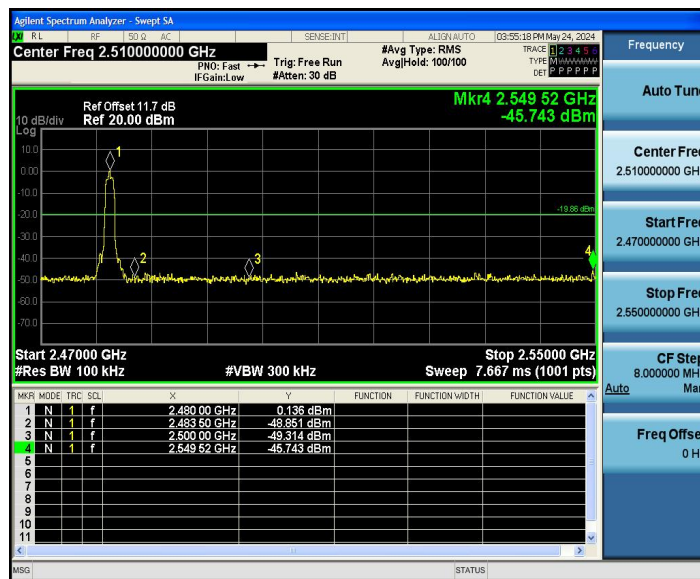




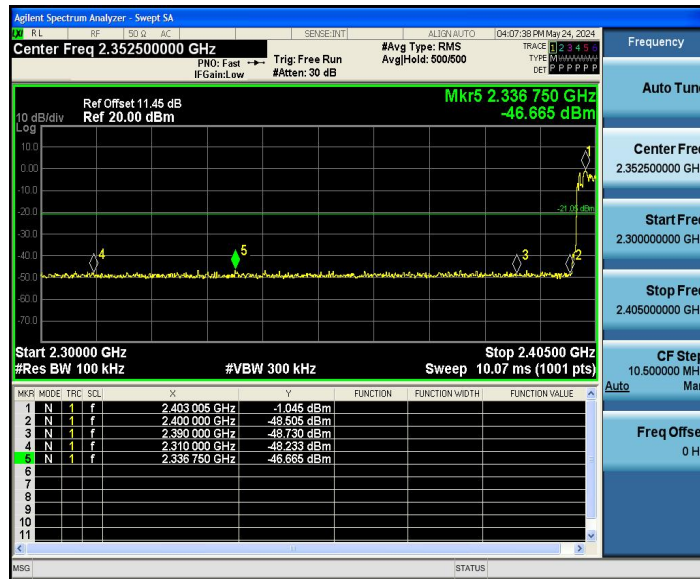
2DH5_Ant1_High_2480



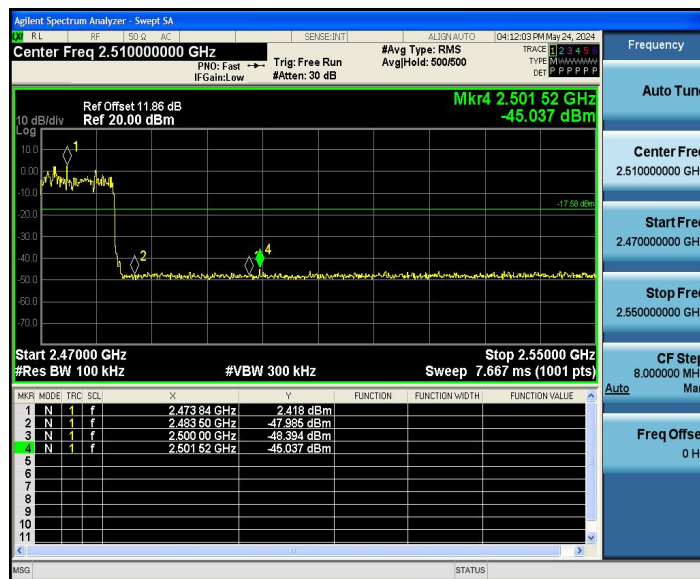
2DH5_Ant1_Low_Hop_2402



Report No.: PTC24041812505E-FC01



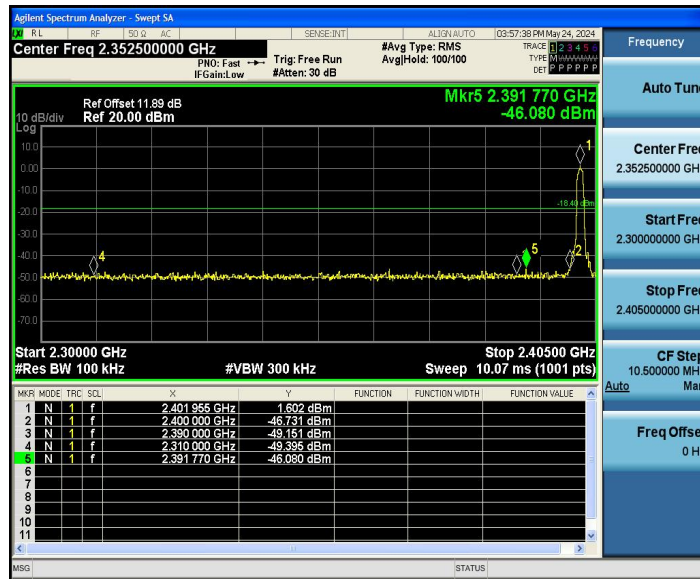
2DH5_Ant1_High_Hop_2480



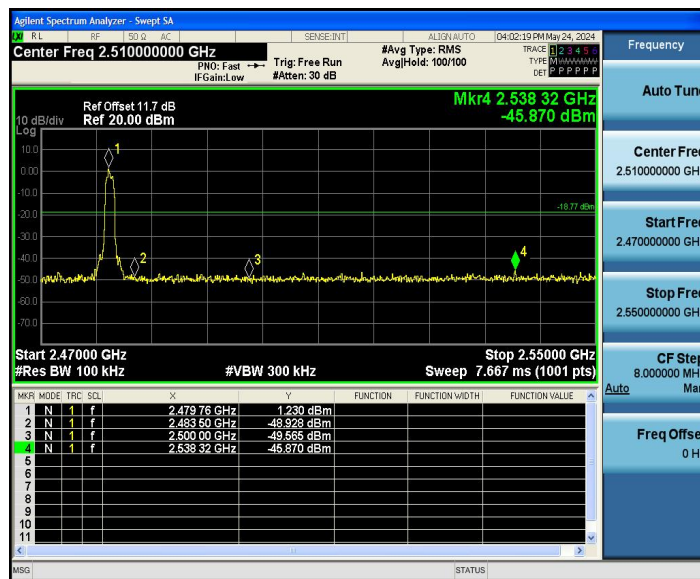
3DH5_Ant1_Low_2402



Report No.: PTC24041812505E-FC01



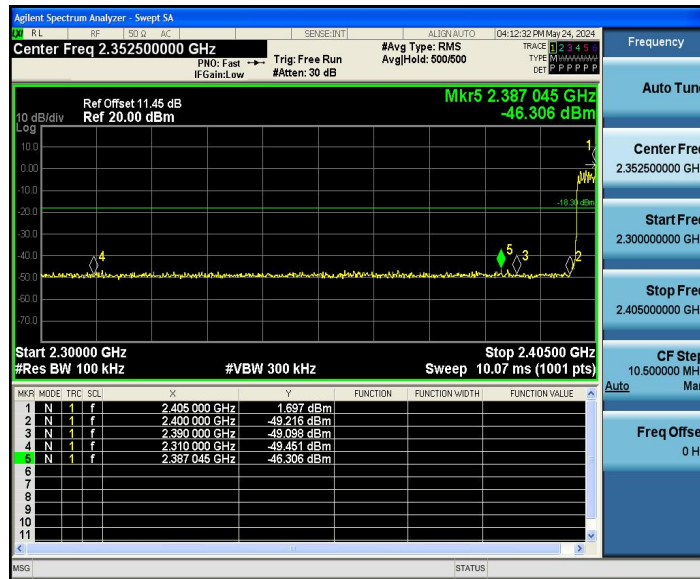
3DH5_Ant1_High_2480



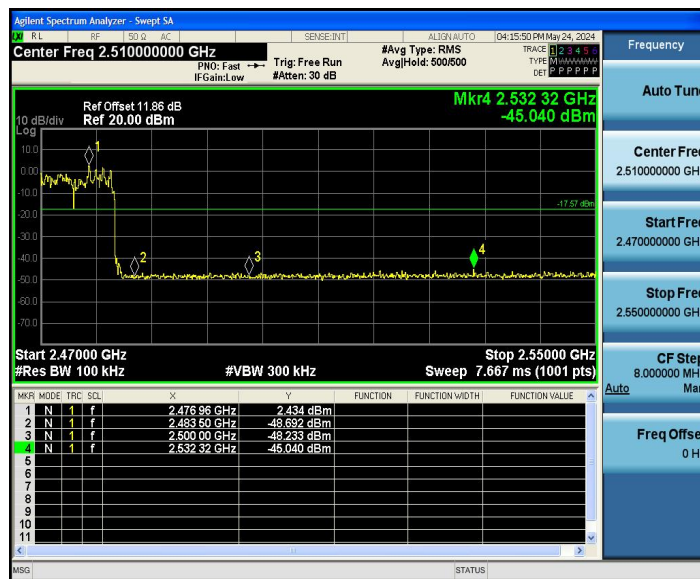
3DH5_Ant1_Low_Hop_2402



Report No.: PTC24041812505E-FC01



3DH5_Ant1_High_Hop_2480





Conducted Emission Method

Test Result

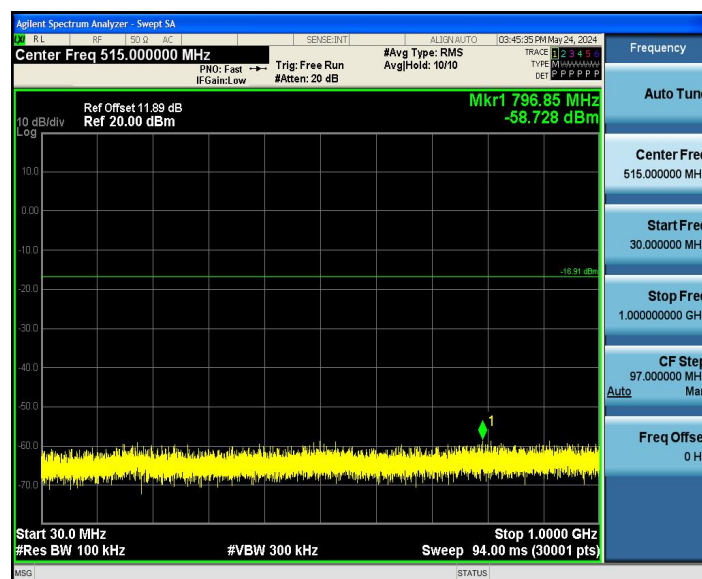
TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	3.09	3.09	---	PASS
			30~1000	3.09	-58.73	≤-16.91	PASS
			1000~26500	3.09	-20.91	≤-16.91	PASS
		2441	Reference	2.38	2.38	---	PASS
			30~1000	2.38	-57.86	≤-17.62	PASS
			1000~26500	2.38	-21.56	≤-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



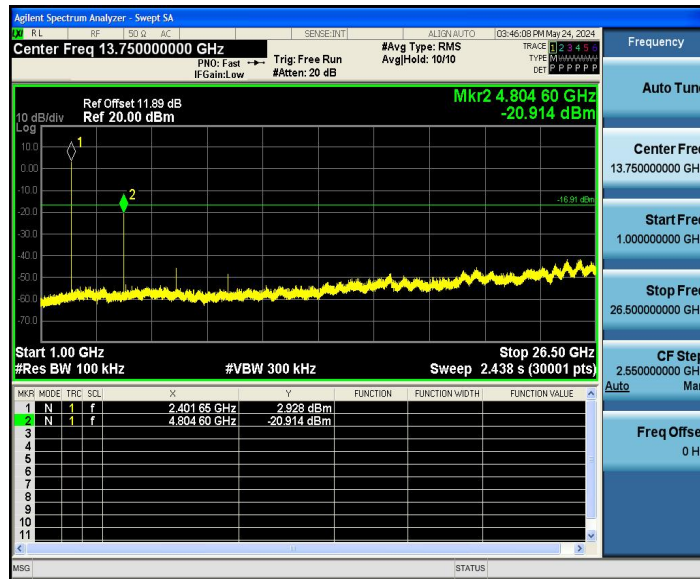
DH5_Ant1_2402_30~1000



DH5_Ant1_2402_1000~26500



Report No.: PTC24041812505E-FC01



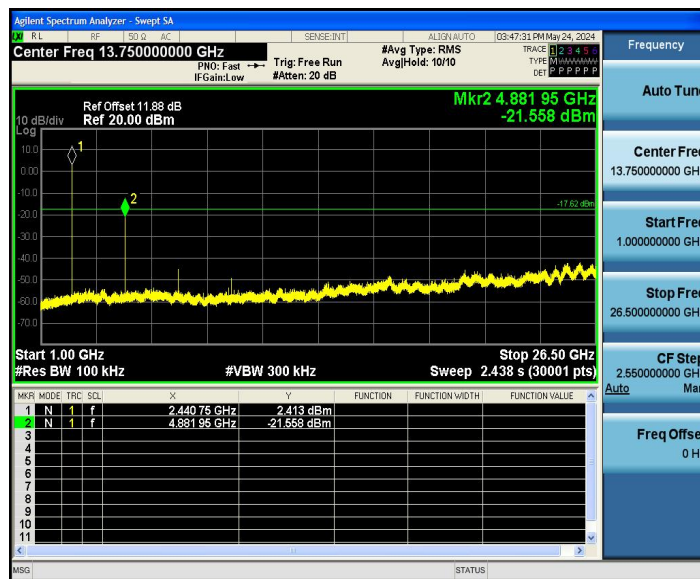
DH5_Ant1_2441_0~Reference



DH5_Ant1_2441_30~1000



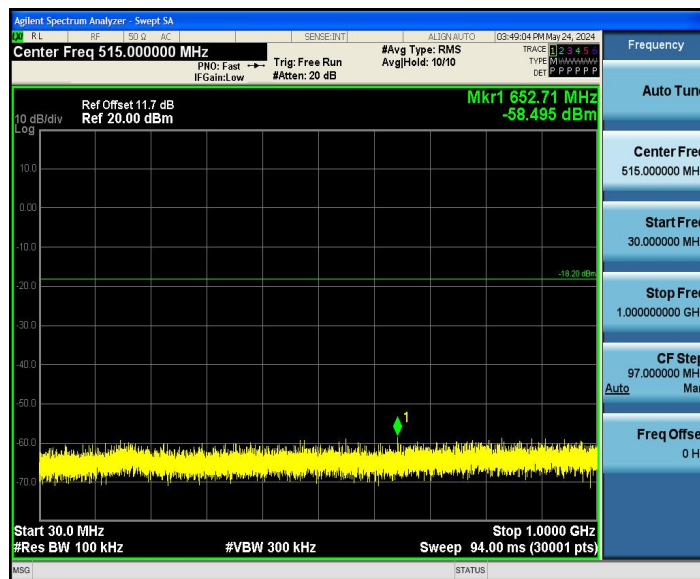
DH5_Ant1_2441_1000~26500



DH5_Ant1_2480_0~Reference



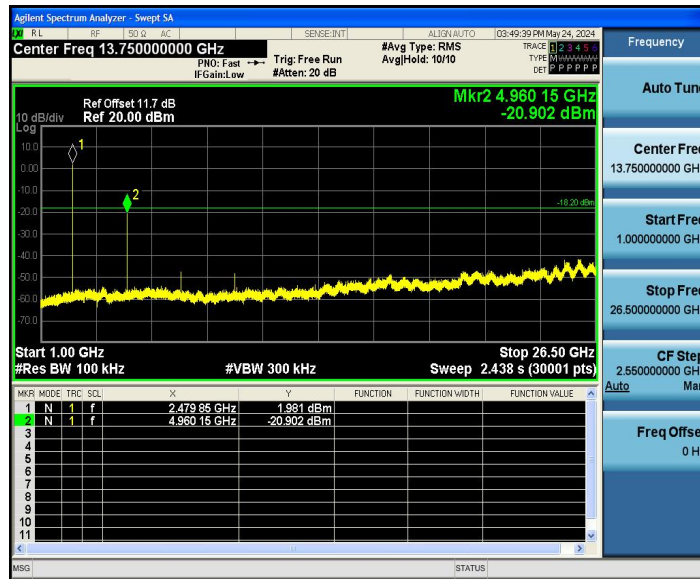
DH5_Ant1_2480_30~1000



DH5_Ant1_2480_1000~26500



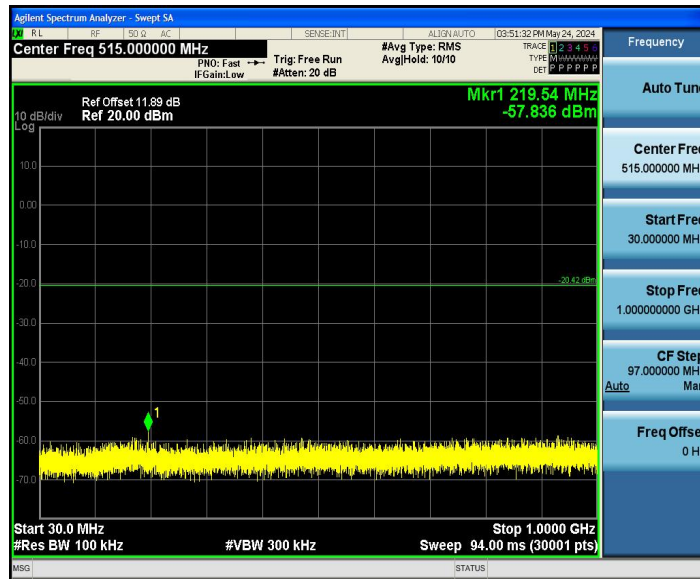
Report No.: PTC24041812505E-FC01



2DH5_Ant1_2402_0~Reference



2DH5_Ant1_2402_30~1000



2DH5_Ant1_2402_1000~26500



2DH5_Ant1_2441_0~Reference



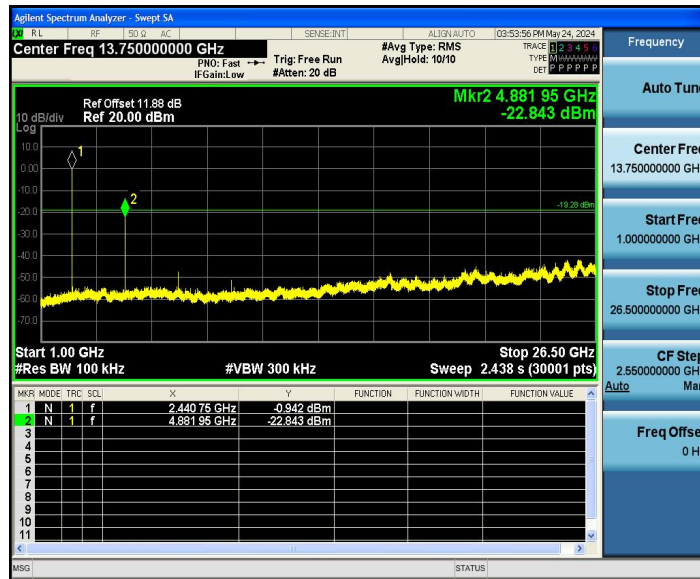
2DH5_Ant1_2441_30~1000



2DH5_Ant1_2441_1000~26500



Report No.: PTC24041812505E-FC01



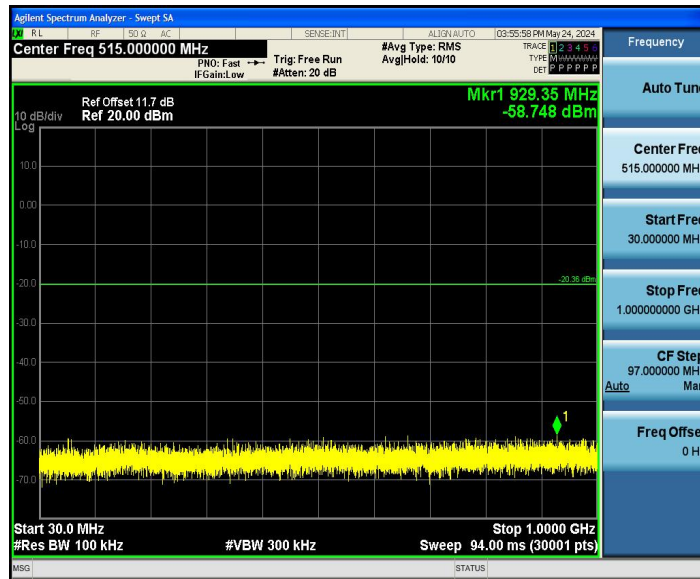
2DH5_Ant1_2480_0~Reference



2DH5_Ant1_2480_30~1000



Report No.: PTC24041812505E-FC01



2DH5_Ant1_2480_1000~26500



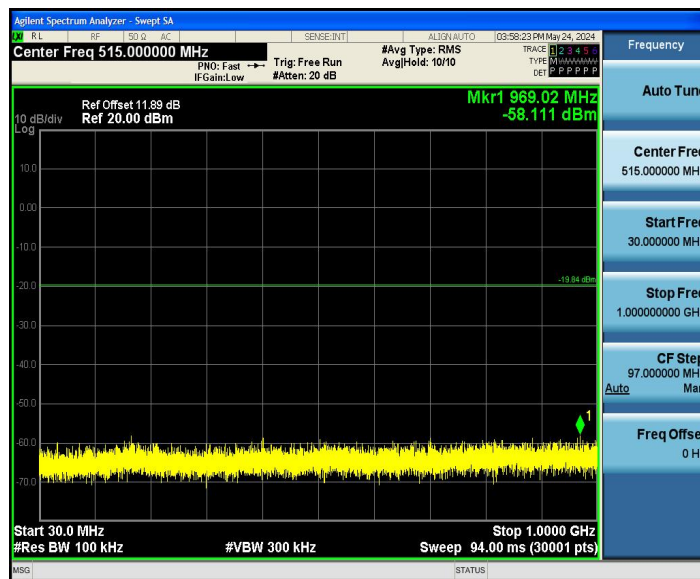
3DH5_Ant1_2402_0~Reference



Report No.: PTC24041812505E-FC01



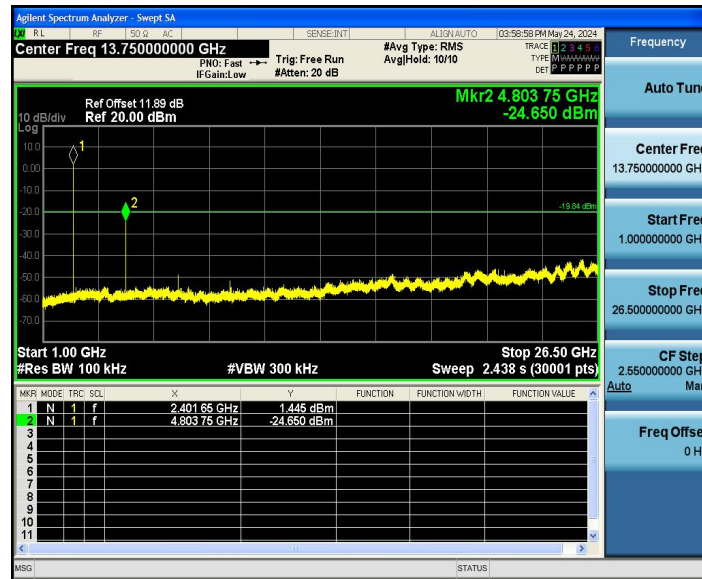
3DH5_Ant1_2402_30~1000



3DH5_Ant1_2402_1000~26500



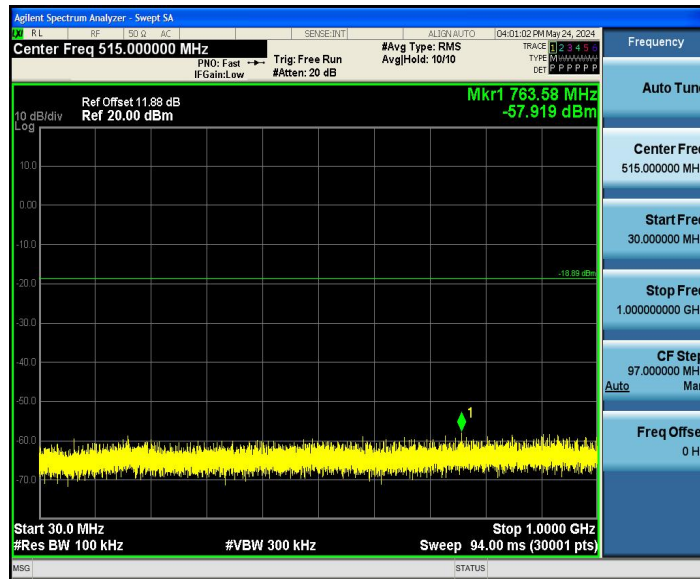
Report No.: PTC24041812505E-FC01



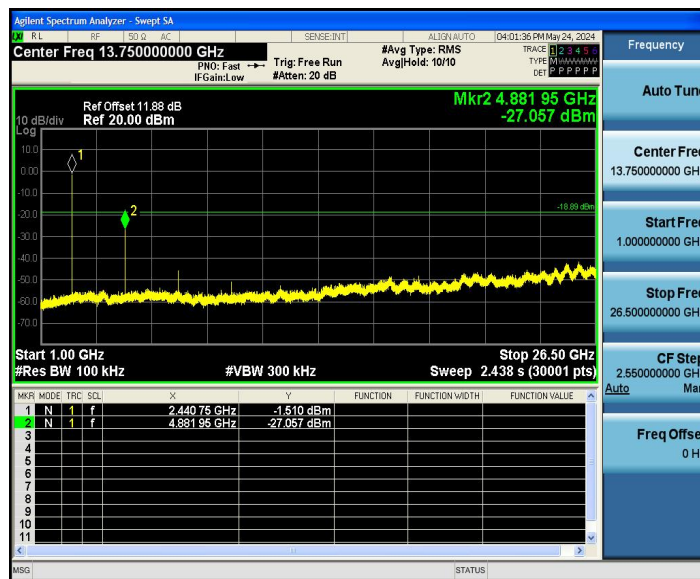
3DH5_Ant1_2441_0~Reference



3DH5_Ant1_2441_30~1000



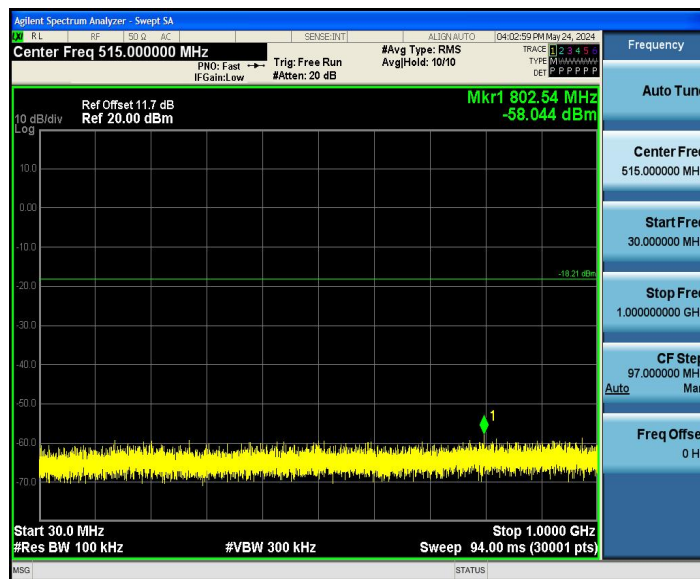
3DH5_Ant1_2441_1000~26500



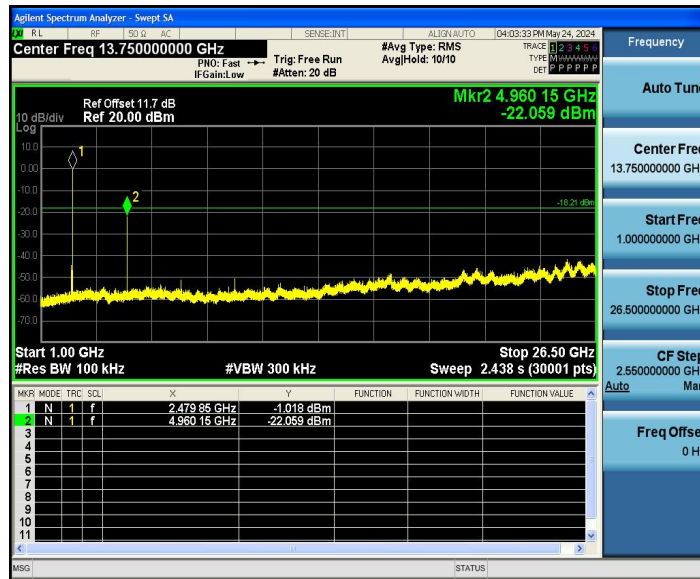
3DH5_Ant1_2480_0~Reference



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	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 2.7dBi. It complies with the standard requirement.

15 TEST SETUP PHOTOGRAPH

Radiated Emissions
From 30M-1GHz



Above 1GHz



16 EUT PHOTOGRAPH



