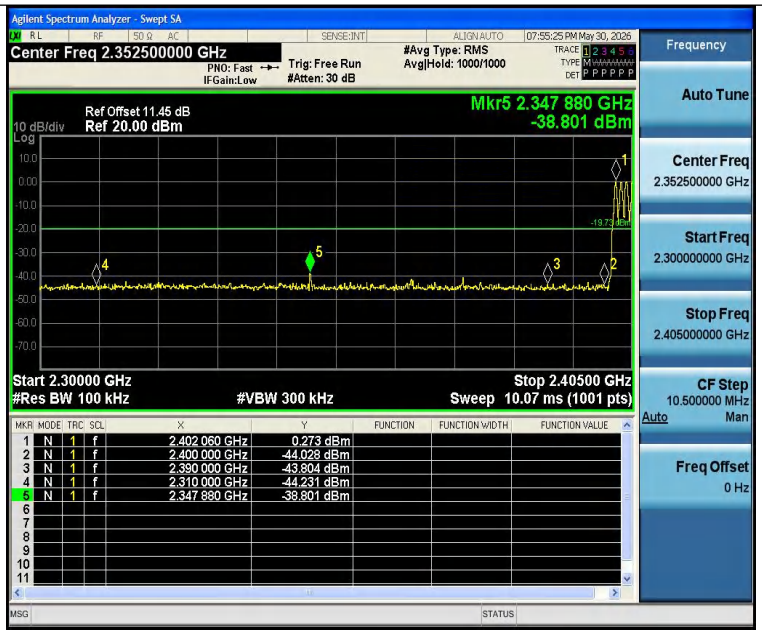
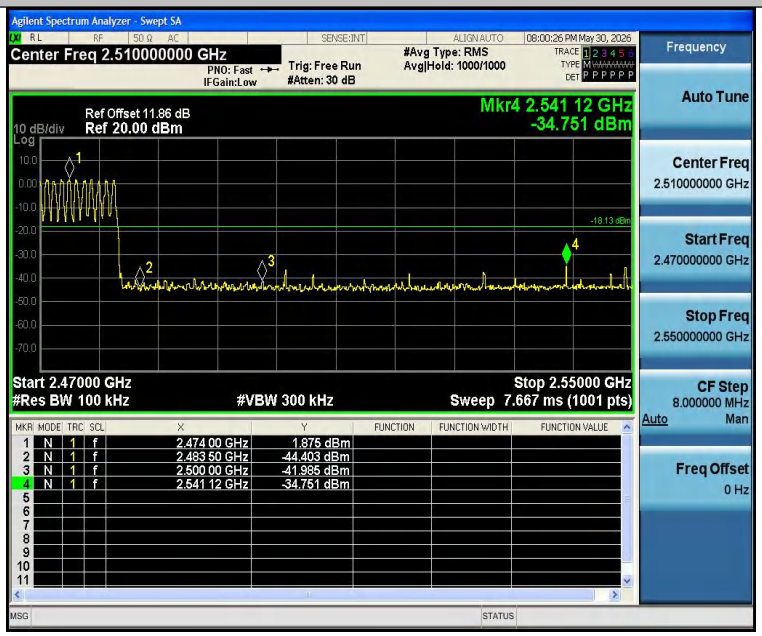
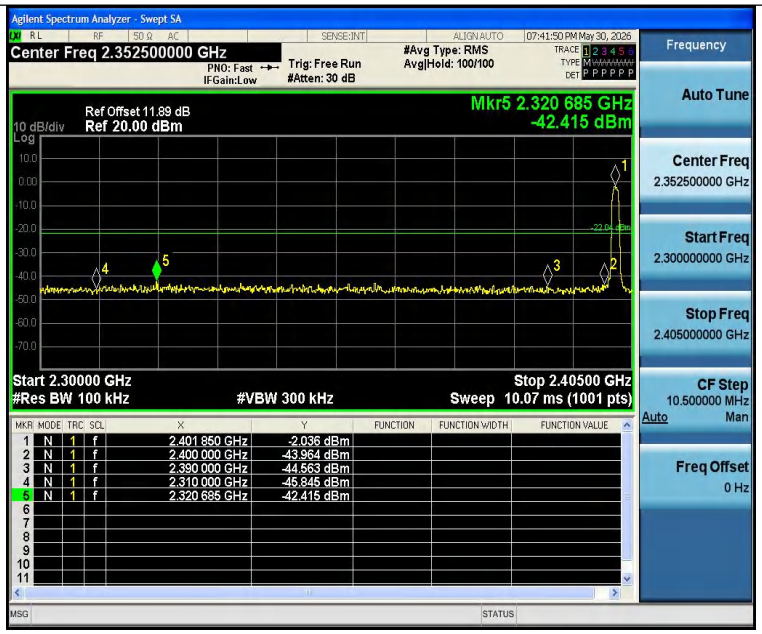


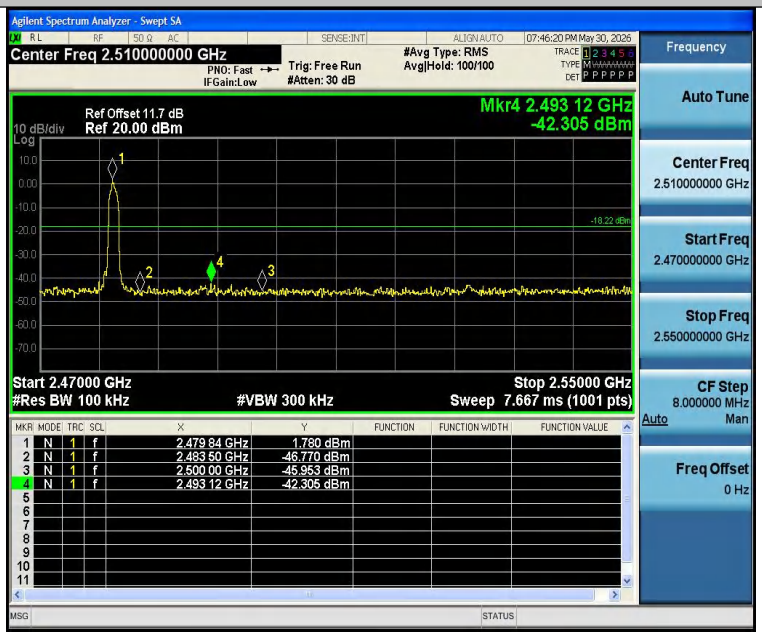
DH5-Ant1-Hop_2480-PASS



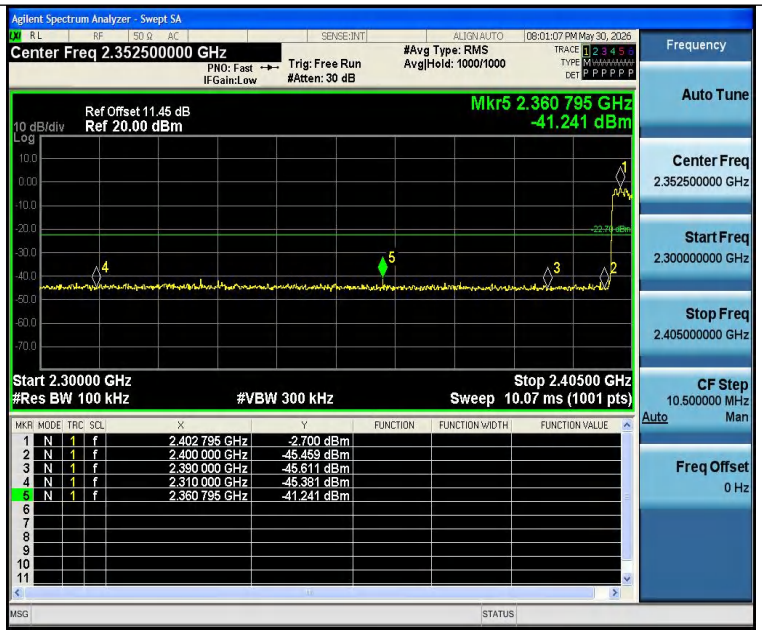
2DH5-Ant1-2402-PASS



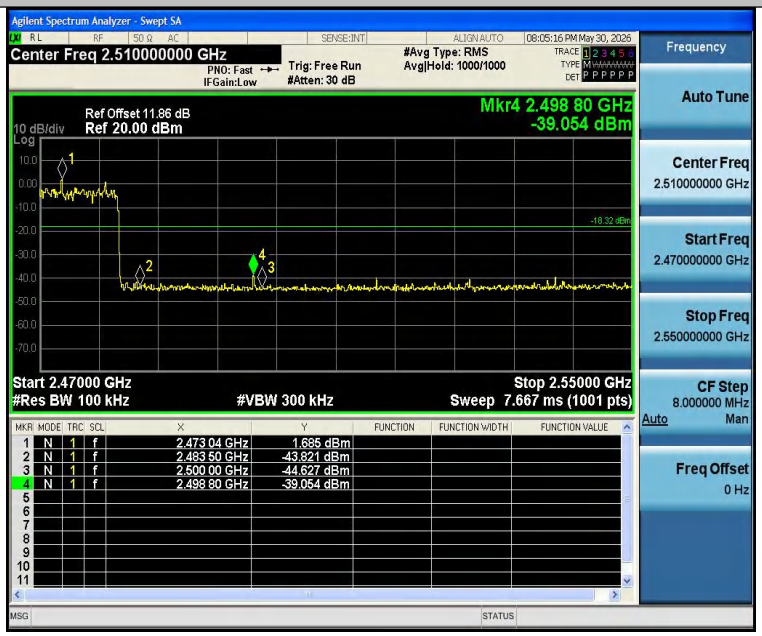
2DH5-Ant1-2480-PASS



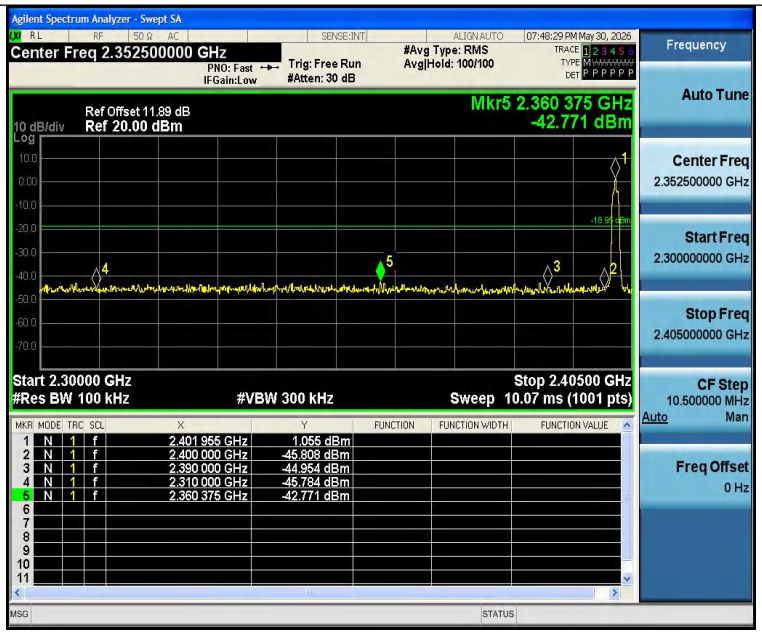
2DH5-Ant1-Hop_2402-PASS



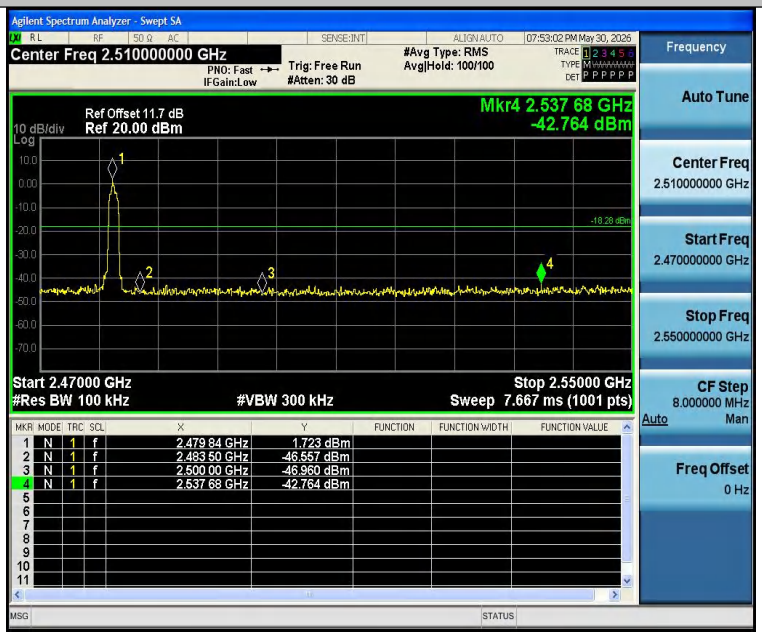
2DH5-Ant1-Hop_2480-PASS



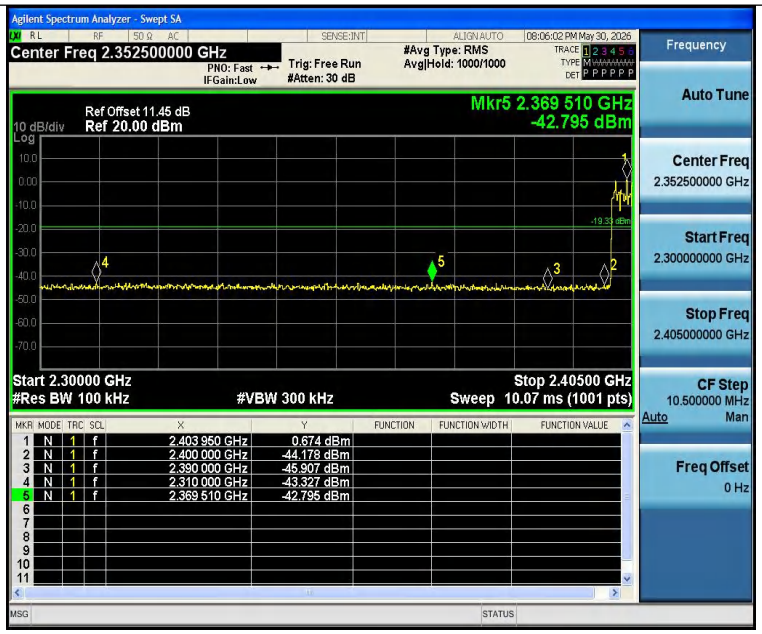
3DH5-Ant1-2402-PASS



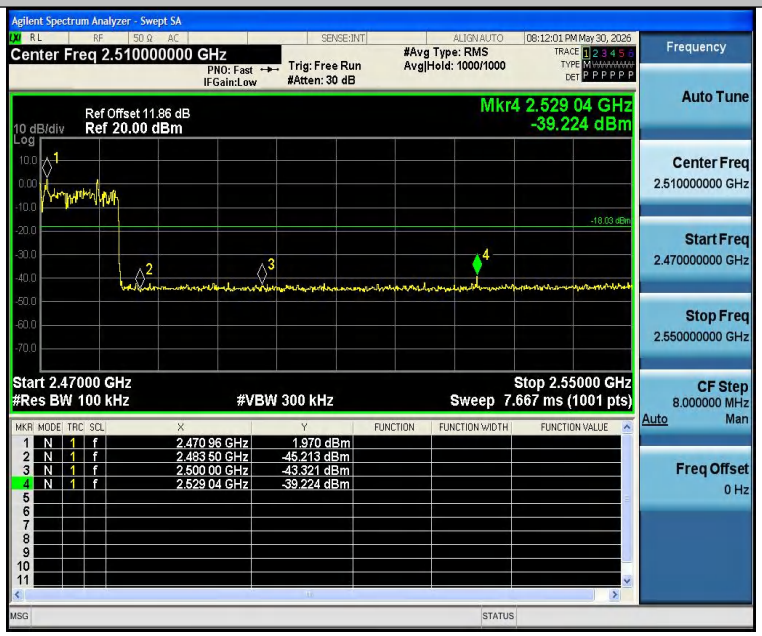
3DH5-Ant1-2480-PASS



3DH5-Ant1-Hop_2402-PASS



3DH5-Ant1-Hop_2480-PASS



Conducted Emission Method

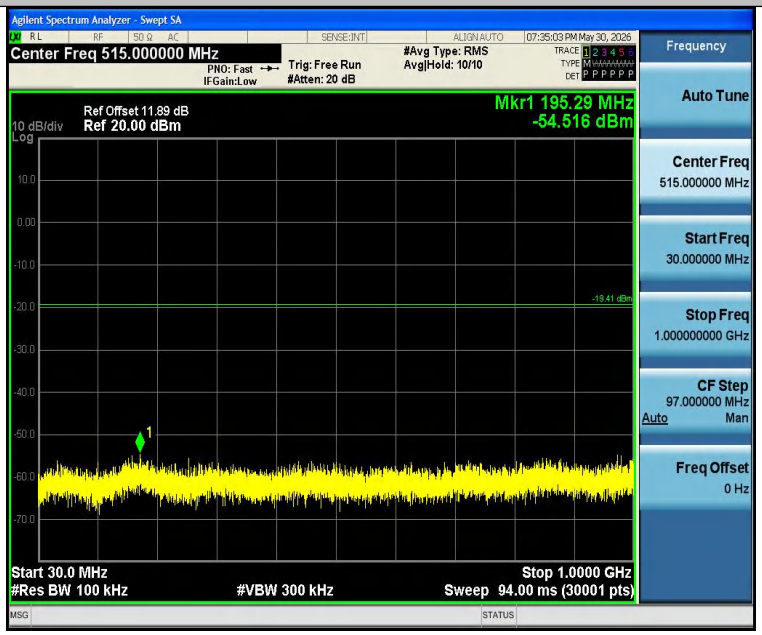
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	0.59	0.59	---	PASS
DH5	Ant1	2402	30~1000	0.59	-54.52	≤-19.41	PASS
DH5	Ant1	2402	1000~26500	0.59	-42.53	≤-19.41	PASS
DH5	Ant1	2441	0~Reference	1.19	1.19	---	PASS
DH5	Ant1	2441	30~1000	1.19	-53.7	≤-18.81	PASS
DH5	Ant1	2441	1000~26500	1.19	-42.47	≤-18.81	PASS
DH5	Ant1	2480	0~Reference	1.48	1.48	---	PASS
DH5	Ant1	2480	30~1000	1.48	-55.2	≤-18.52	PASS
DH5	Ant1	2480	1000~26500	1.48	-37.17	≤-18.52	PASS
2DH5	Ant1	2402	0~Reference	-2.89	-2.89	---	PASS
2DH5	Ant1	2402	30~1000	-2.89	-54.59	≤-22.89	PASS
2DH5	Ant1	2402	1000~26500	-2.89	-41.82	≤-22.89	PASS
2DH5	Ant1	2441	0~Reference	0.69	0.69	---	PASS
2DH5	Ant1	2441	30~1000	0.69	-54.85	≤-19.31	PASS
2DH5	Ant1	2441	1000~26500	0.69	-42.18	≤-19.31	PASS
2DH5	Ant1	2480	0~Reference	1.68	1.68	---	PASS
2DH5	Ant1	2480	30~1000	1.68	-54.89	≤-18.32	PASS
2DH5	Ant1	2480	1000~26500	1.68	-42.23	≤-18.32	PASS
3DH5	Ant1	2402	0~Reference	1.29	1.29	---	PASS
3DH5	Ant1	2402	30~1000	1.29	-54.6	≤-18.71	PASS
3DH5	Ant1	2402	1000~26500	1.29	-42.62	≤-18.71	PASS
3DH5	Ant1	2441	0~Reference	0.56	0.56	---	PASS
3DH5	Ant1	2441	30~1000	0.56	-54.22	≤-19.44	PASS
3DH5	Ant1	2441	1000~26500	0.56	-42.83	≤-19.44	PASS
3DH5	Ant1	2480	0~Reference	1.07	1.07	---	PASS
3DH5	Ant1	2480	30~1000	1.07	-54.59	≤-18.93	PASS
3DH5	Ant1	2480	1000~26500	1.07	-42.33	≤-18.93	PASS

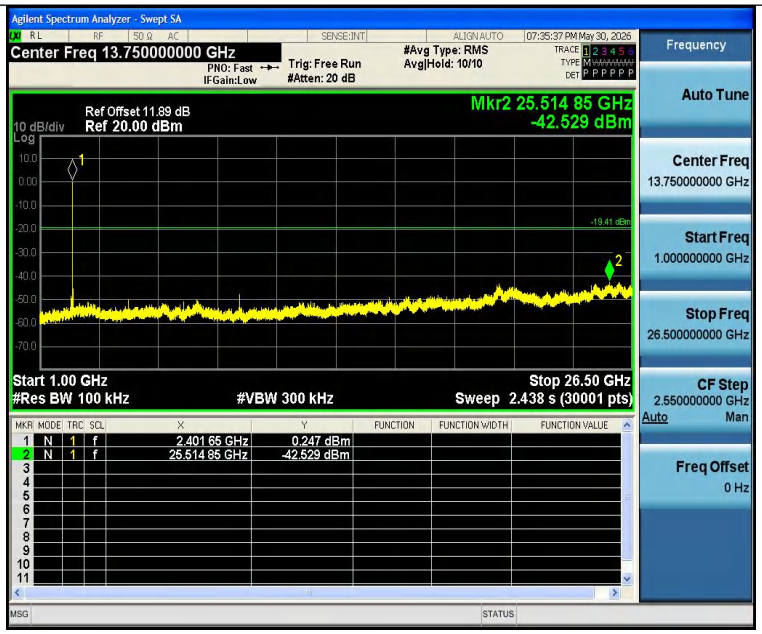
Test Graphs:

DH5-Ant1-2402-0~Reference-PASS

DH5-Ant1-2402-30~1000-PASS

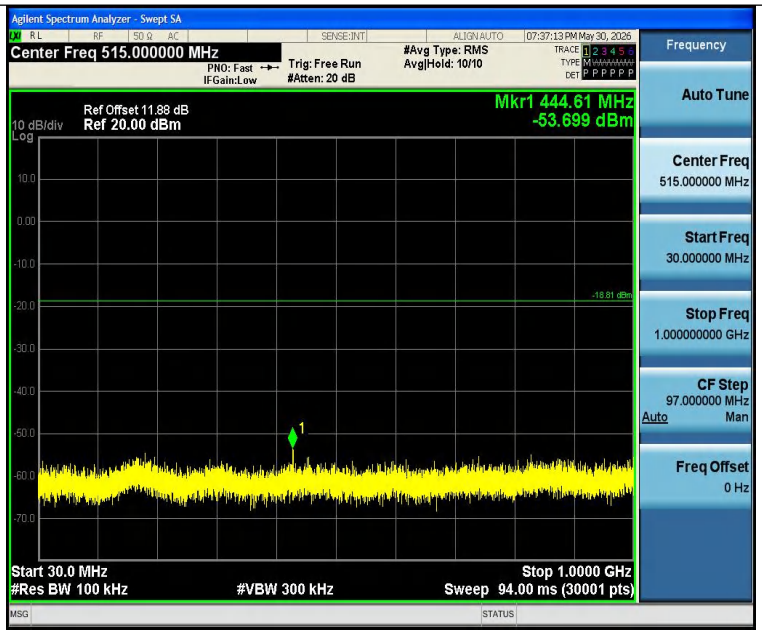


DH5-Ant1-2402-1000~26500-PASS

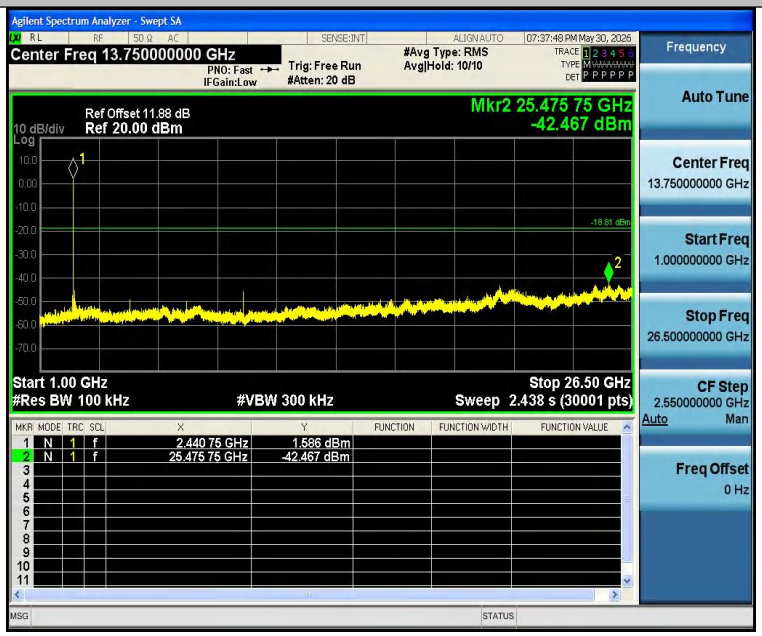


DH5-Ant1-2441-0~Reference-PASS

DH5-Ant1-2441-30~1000-PASS

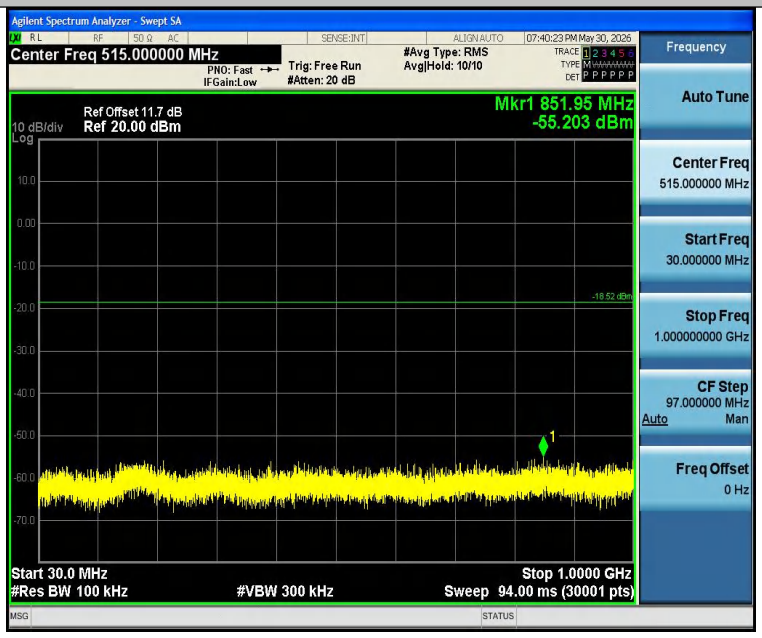


DH5-Ant1-2441-1000~26500-PASS

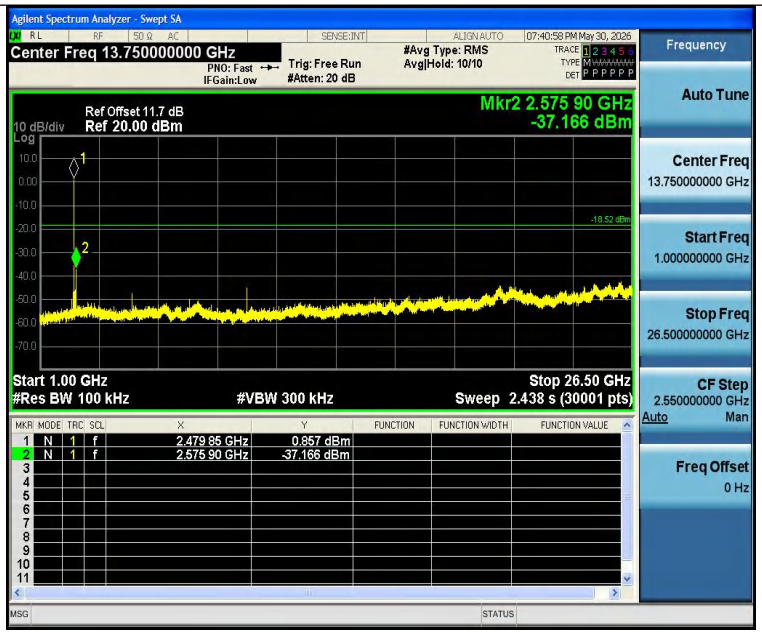


DH5-Ant1-2480-0~Reference-PASS

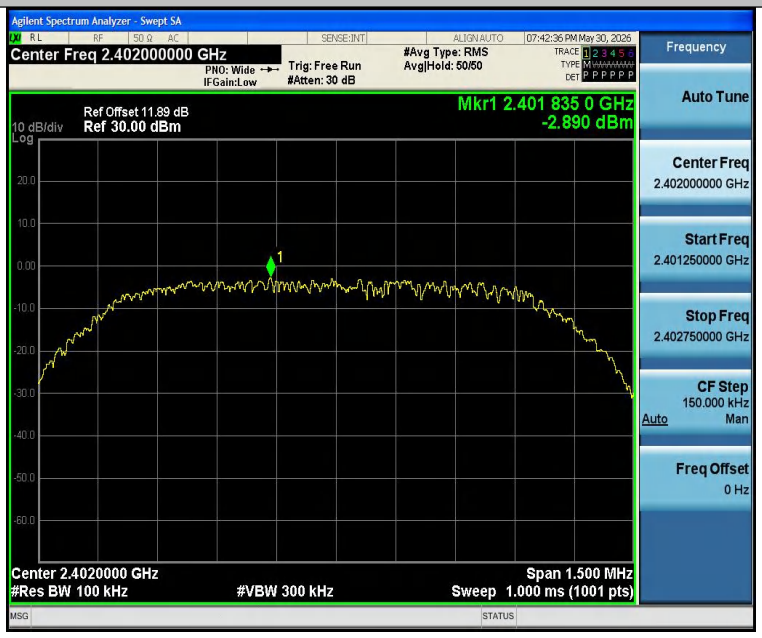
DH5-Ant1-2480-30~1000-PASS



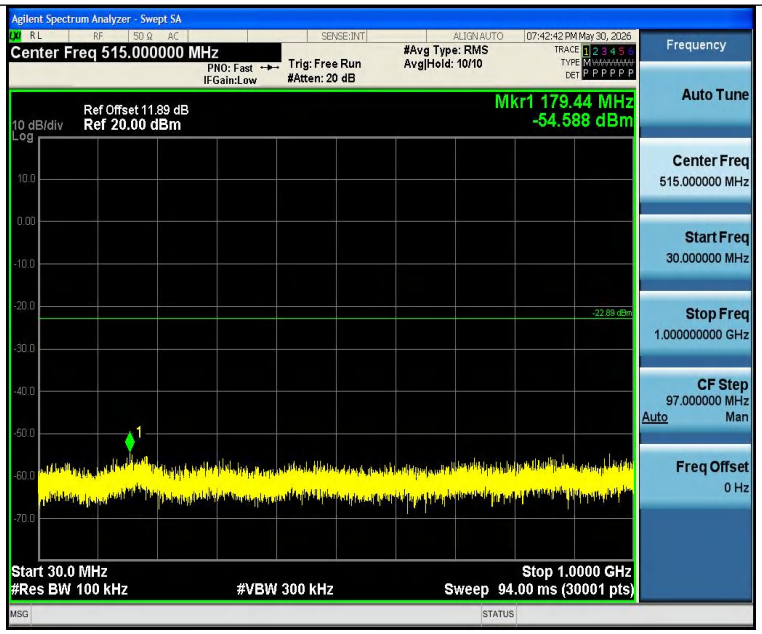
DH5-Ant1-2480-1000~26500-PASS



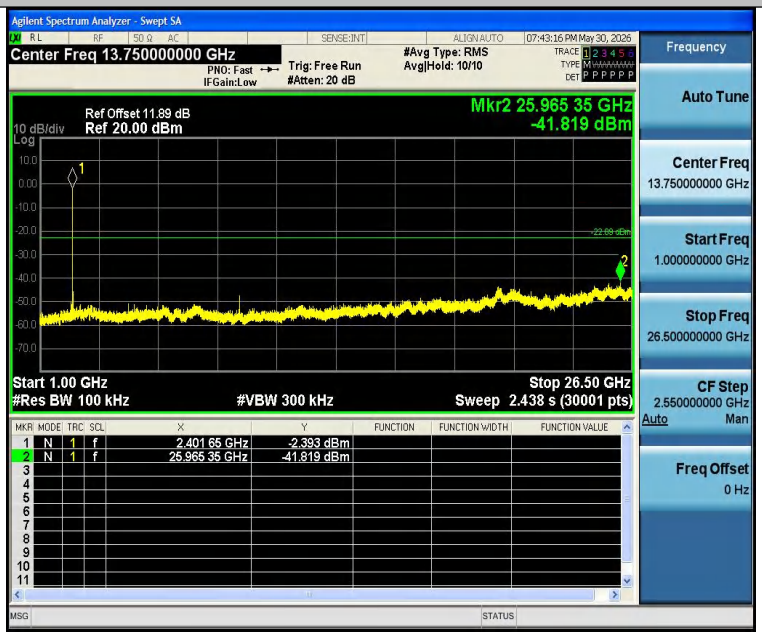
2DH5-Ant1-2402-0~Reference-PASS



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

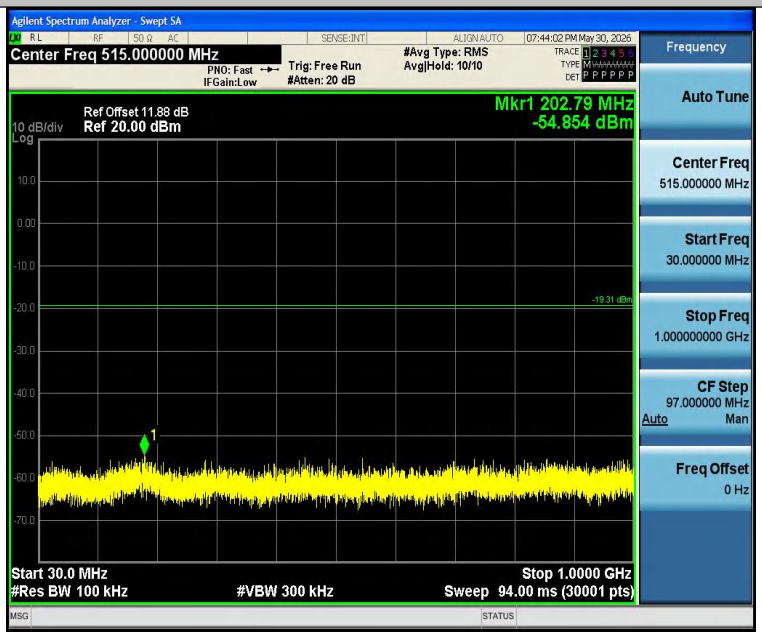


2DH5-Ant1-2402-1000~26500-PASS

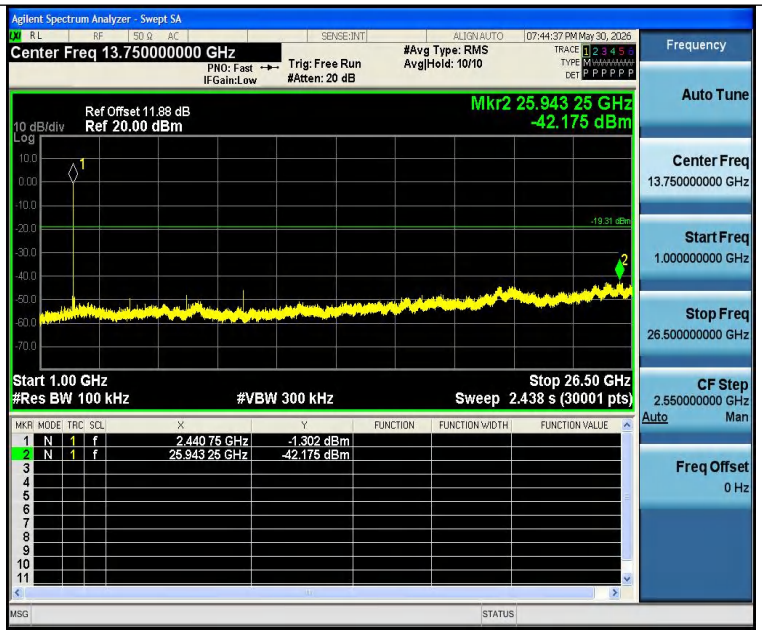


2DH5-Ant1-2441-0~Reference-PASS

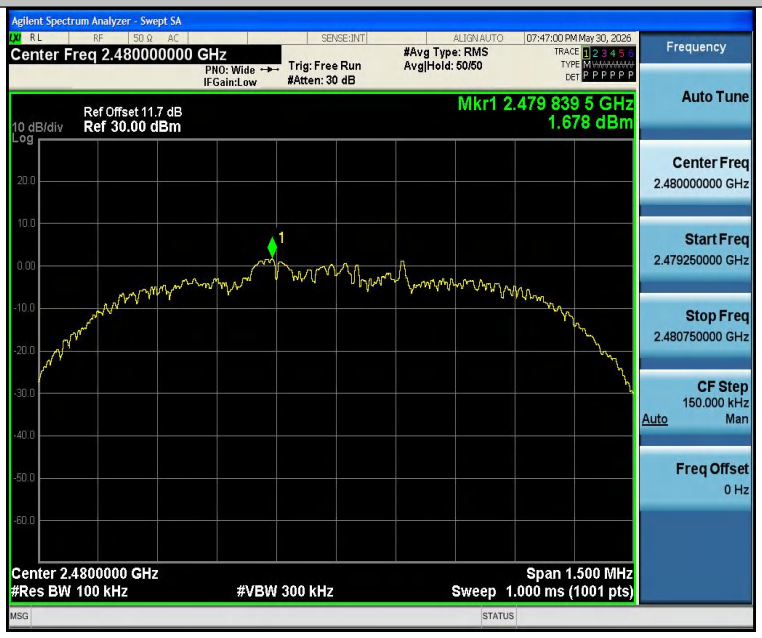
2DH5-Ant1-2441-30~1000-PASS



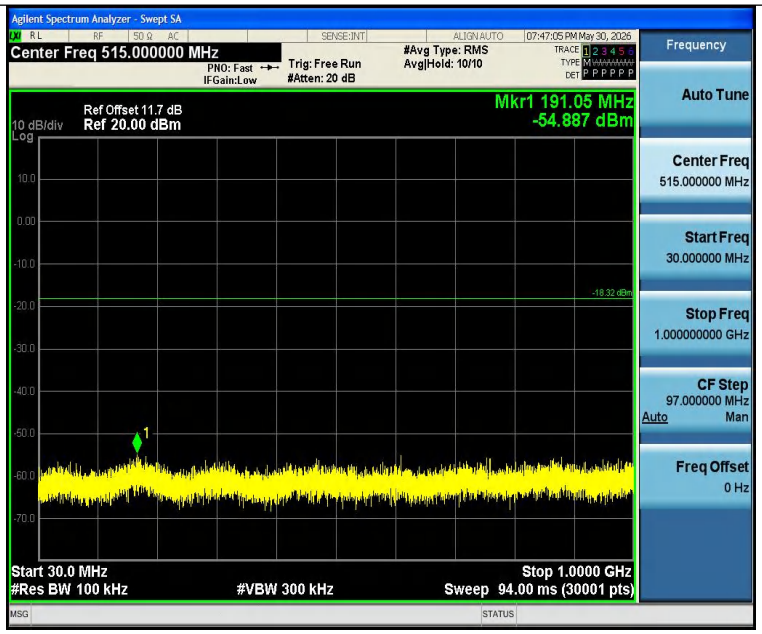
2DH5-Ant1-2441-1000~26500-PASS



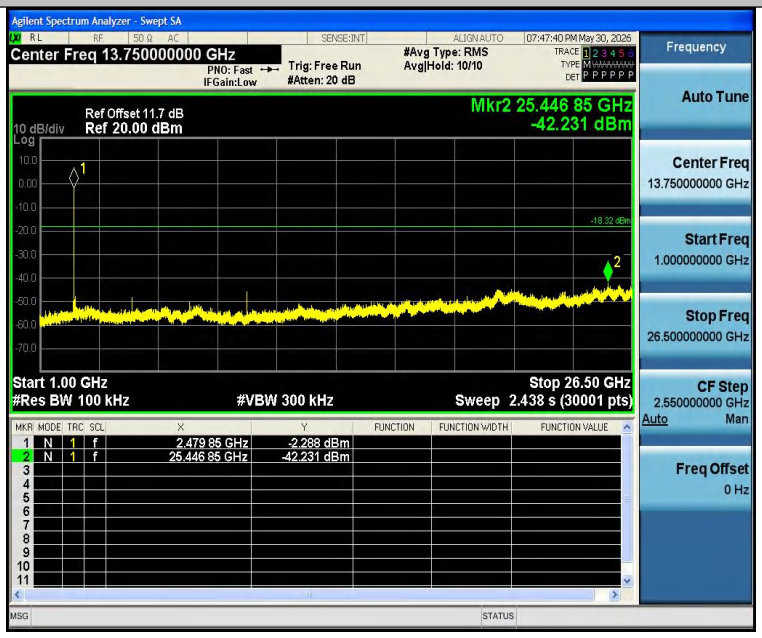
2DH5-Ant1-2480-0~Reference-PASS



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

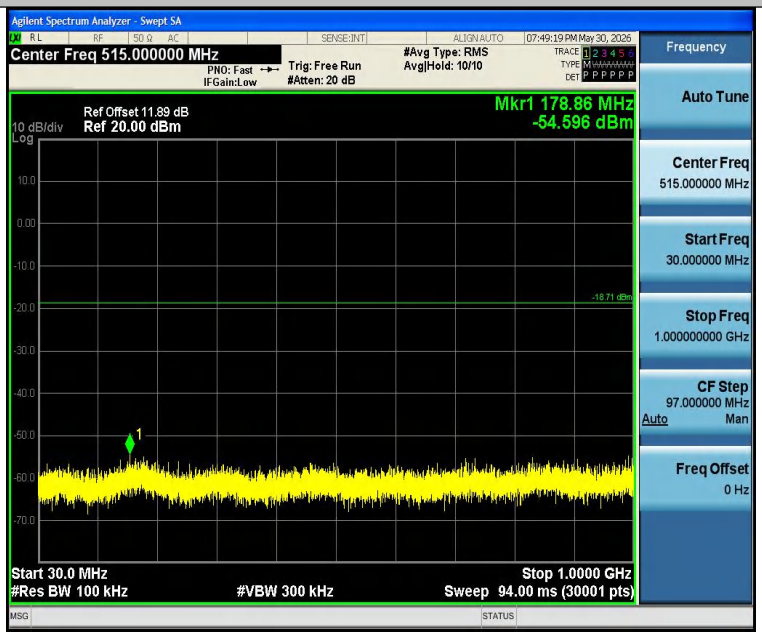


2DH5-Ant1-2480-1000~26500-PASS

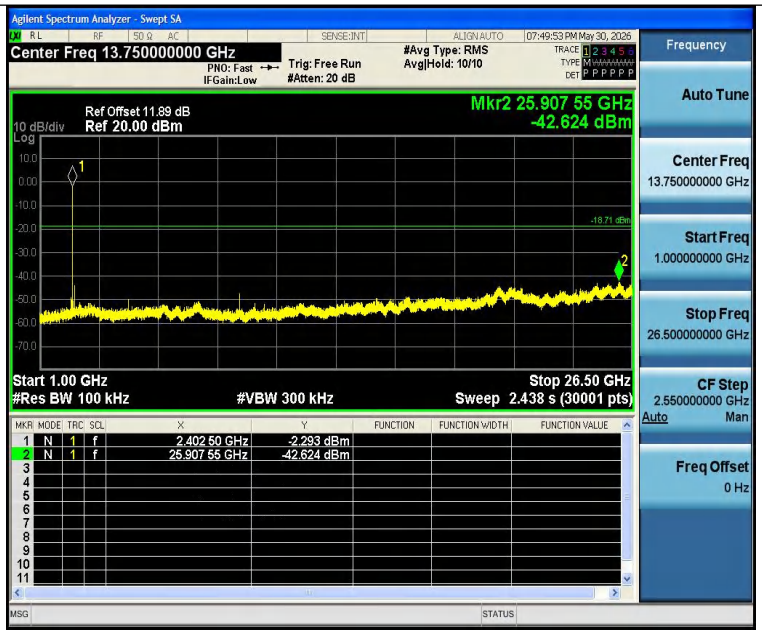


3DH5-Ant1-2402-0~Reference-PASS

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

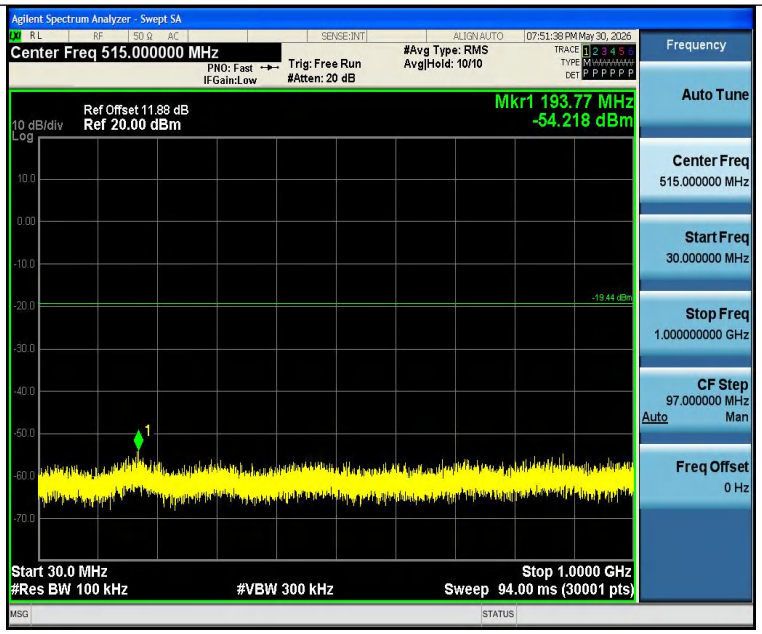


3DH5-Ant1-2402-1000~26500-PASS

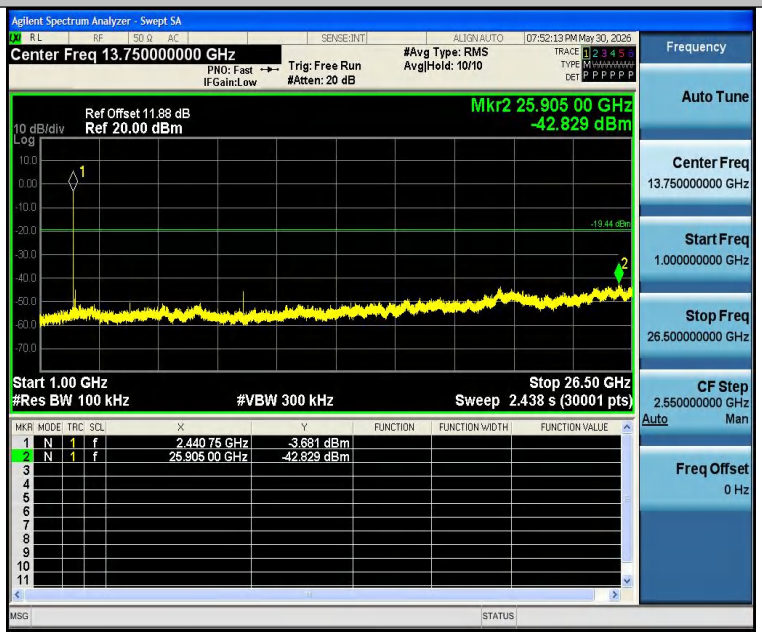


3DH5-Ant1-2441-0~Reference-PASS

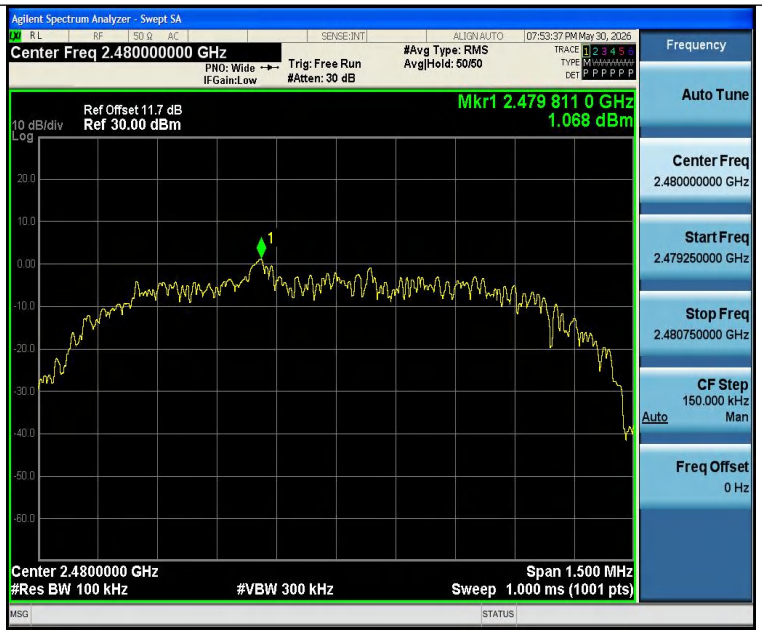
3DH5-Ant1-2441-30~1000-PASS



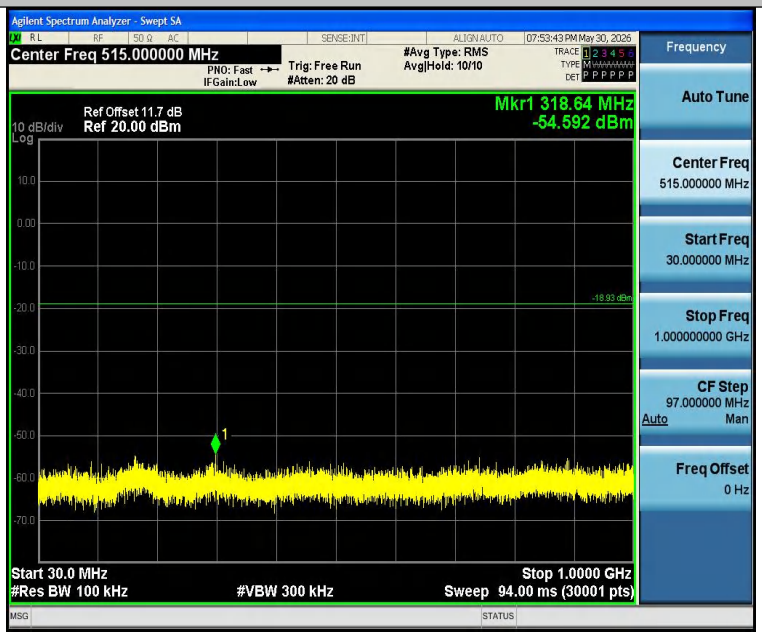
3DH5-Ant1-2441-1000~26500-PASS



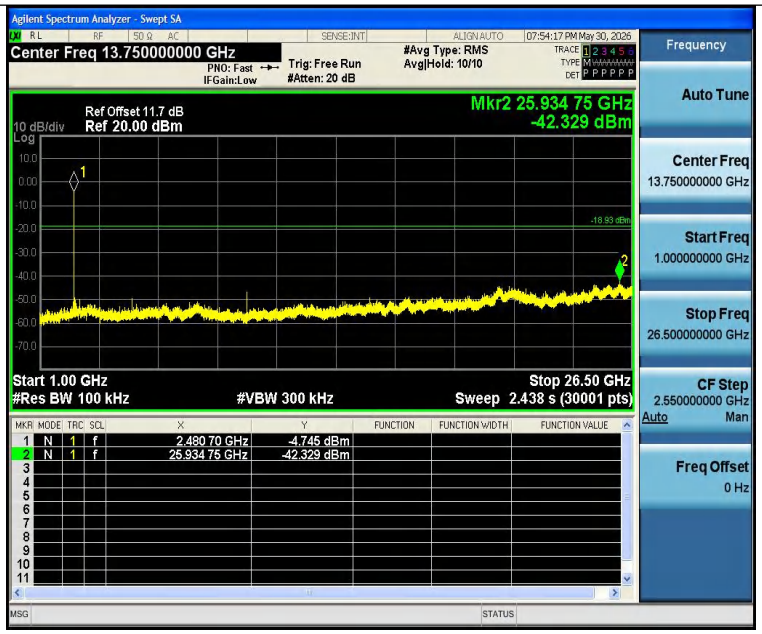
3DH5-Ant1-2480-0~Reference-PASS



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



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


Agilent Spectrum Analyzer - Swept SA
Center Freq 13.750000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
#Avg Type: RMS
Avg|Hold: 10/10
07:54:17 PM May 30, 2026
Ref Offset 11.7 dB
10 dB/div
Log
Ref 20.00 dBm
Mkr2 25.934 75 GHz
-42.329 dBm
-18.93 dBm
Start 1.00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 26.50 GHz
Sweep 2.438 s (30001 pts)
1 N 1 f 2.480 70 GHz -4.745 dBm
2 N 1 f 25.934 75 GHz -42.329 dBm
Frequency
Auto Tune
Center Freq
13.750000000 GHz
Start Freq
1.000000000 GHz
Stop Freq
26.500000000 GHz
CF Step
2.550000000 GHz
Auto
Man
Freq Offset
0 Hz

14 Antenna Requirement

14.1 Test Standard and Requirement

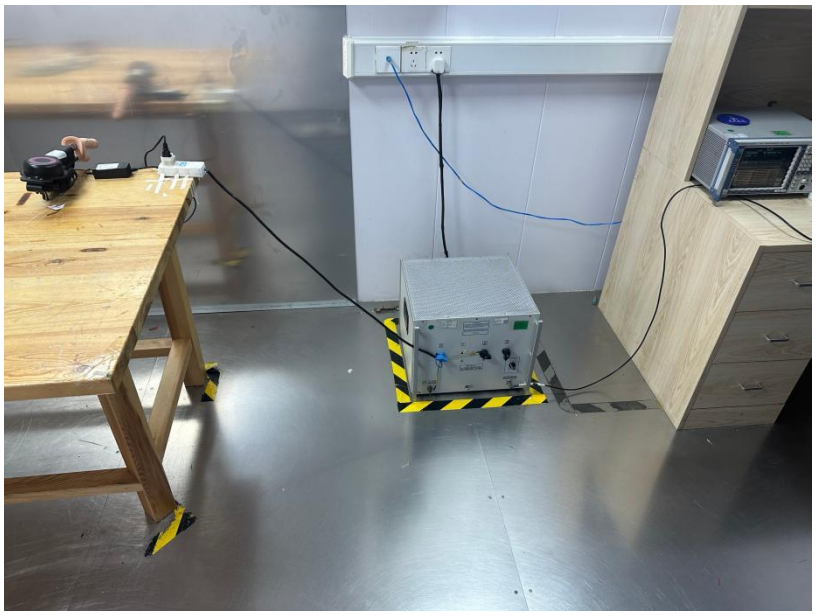
Test Standard	FCC Part15 Section 15.203 /247(c)
Requirement	1) 15.203 requirement: An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses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

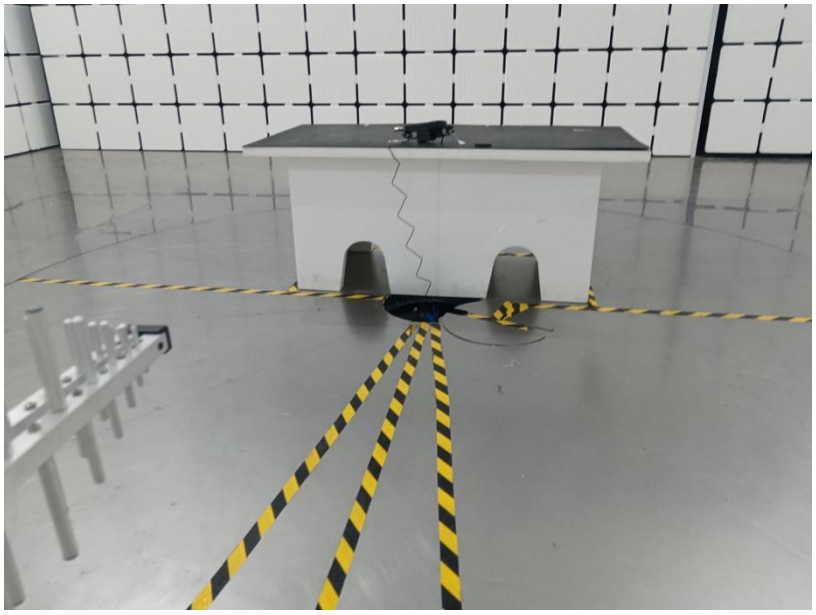
The antenna is PCB antenna which permanently attached, and the best case gain of the antenna is -0.58 dBi. It complies with the standard requirement.

15 APPENDIX I -- TEST SETUP PHOTOGRAPH

Conducted Emissions

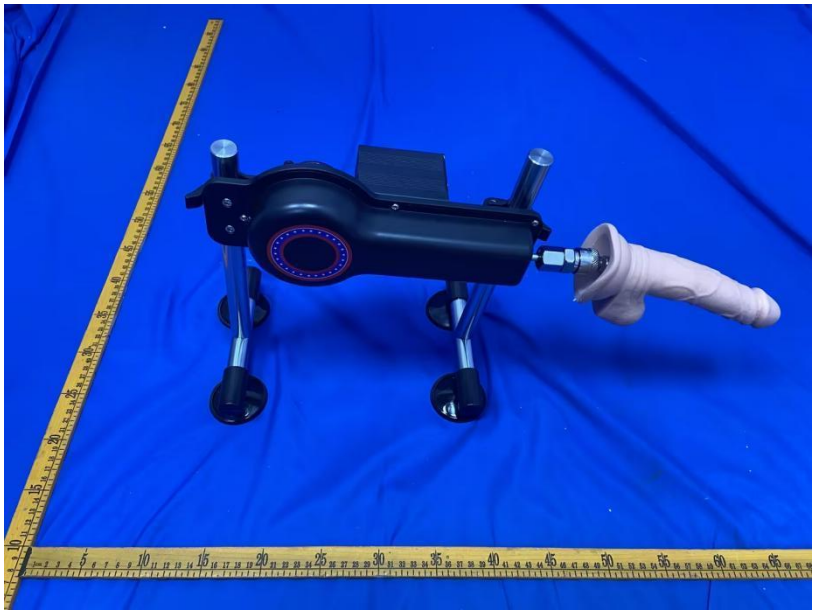


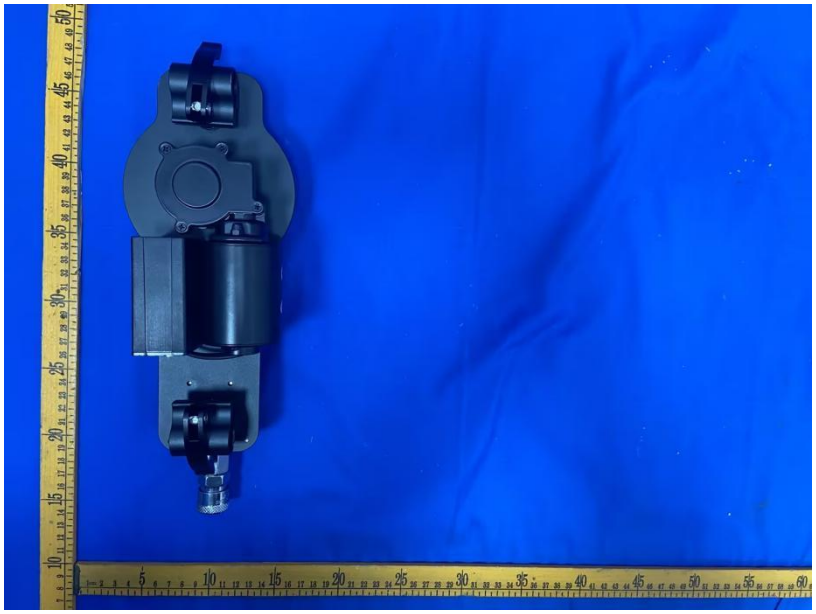
Radiated Emissions
From 30M-1GHz

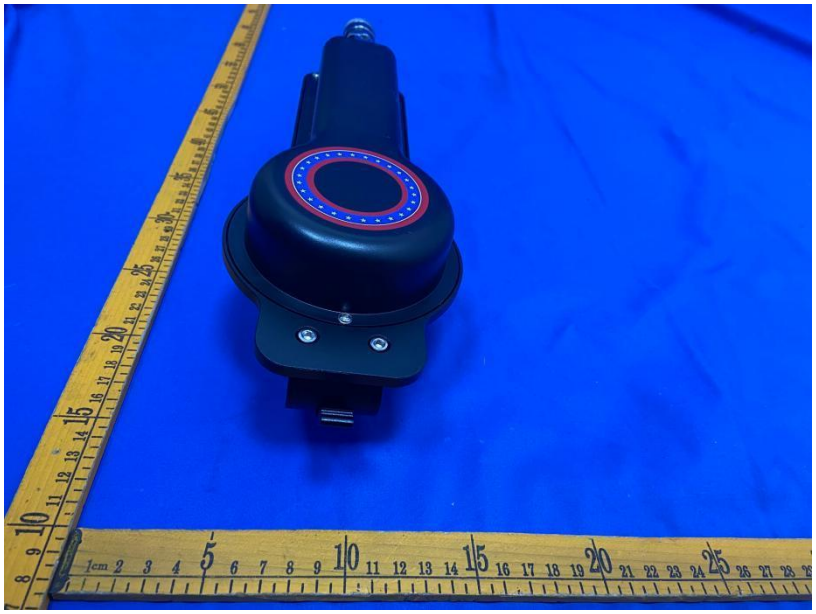


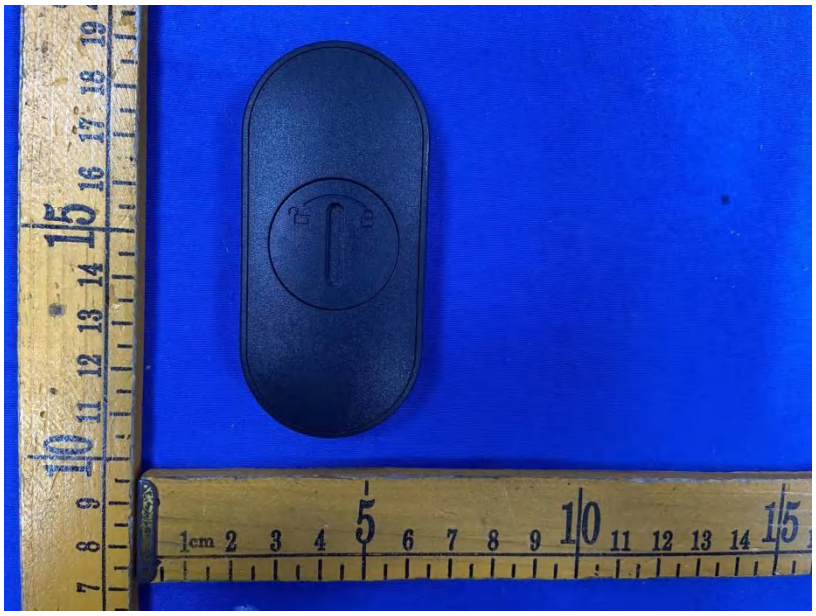
Above 1GHz

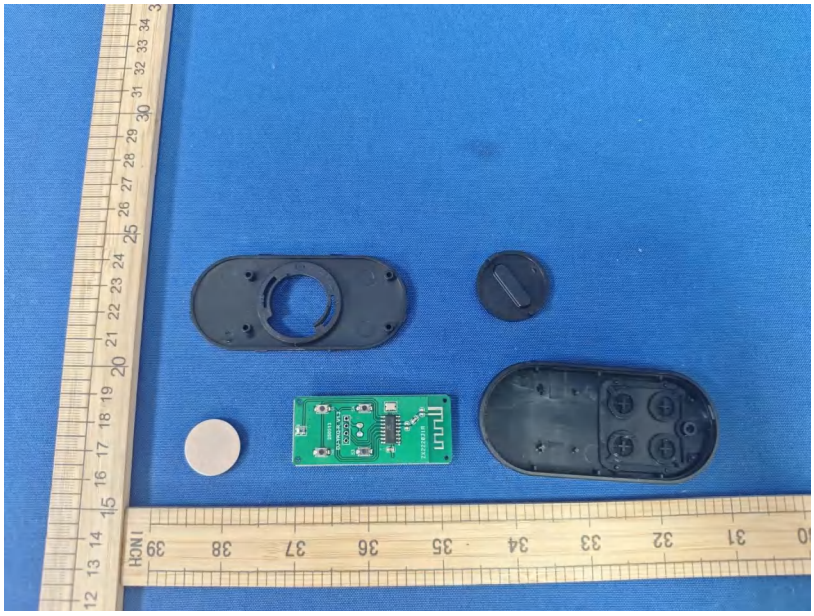
16 APPENDIX II -- EUT PHOTOGRAPH

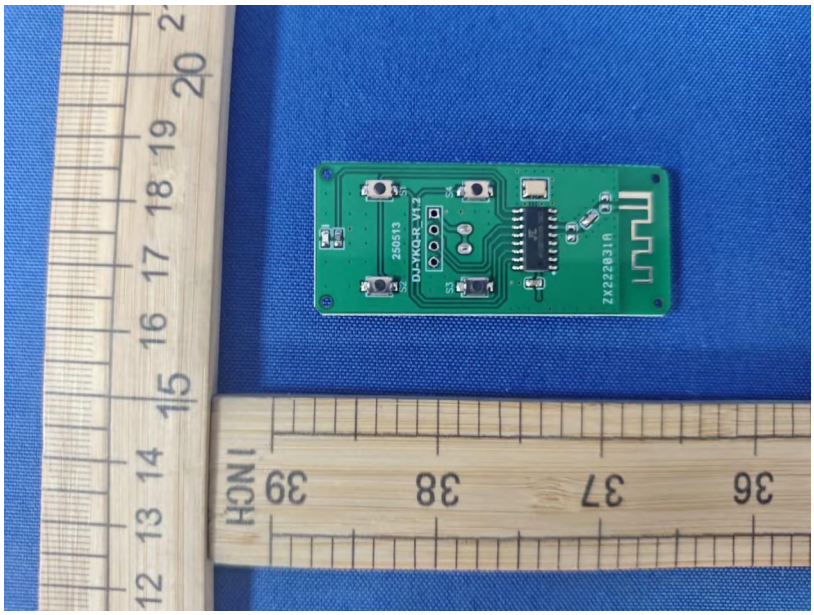




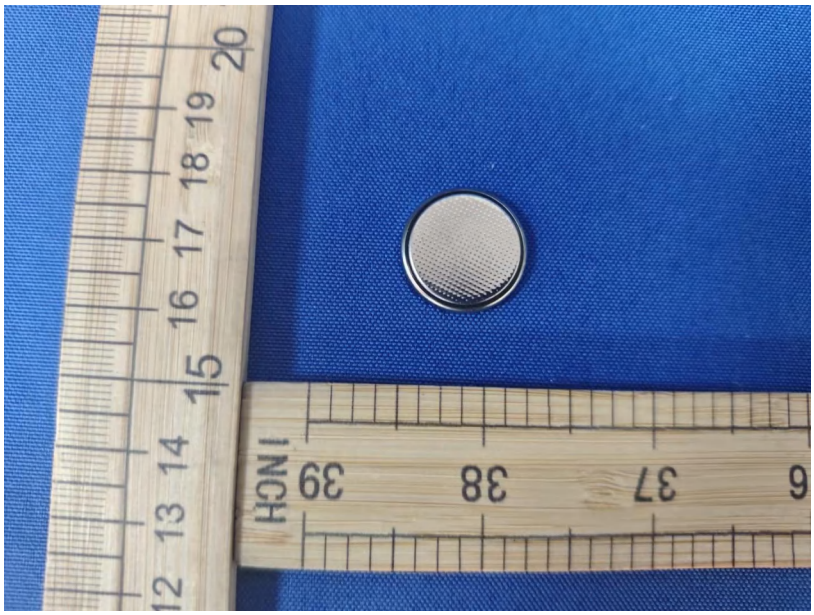







DLYKQR_V1.2
250513
ZX222031A
INCH
39
38
37
36


INCH
39
38
37
36



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