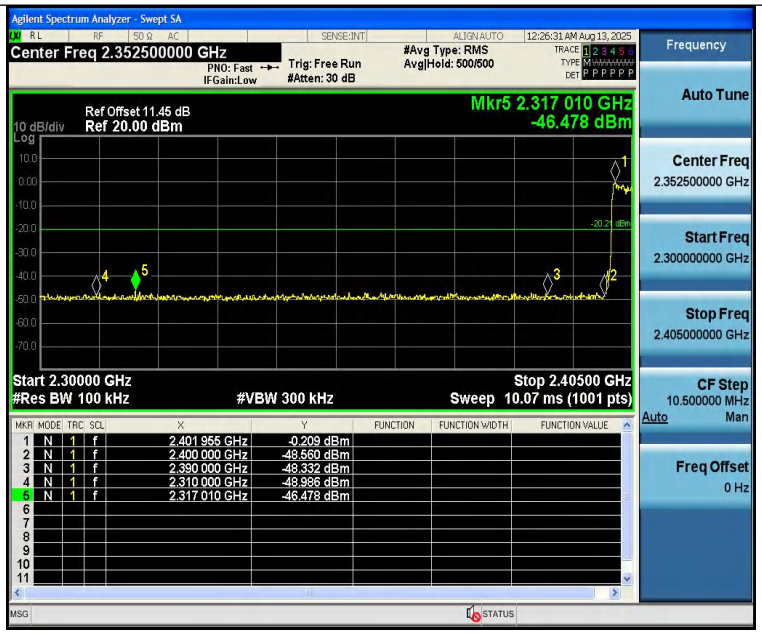
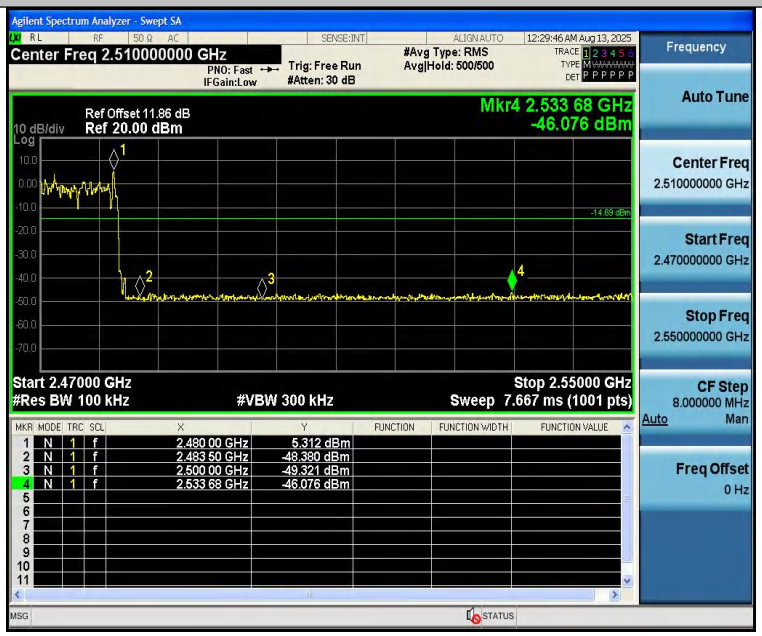
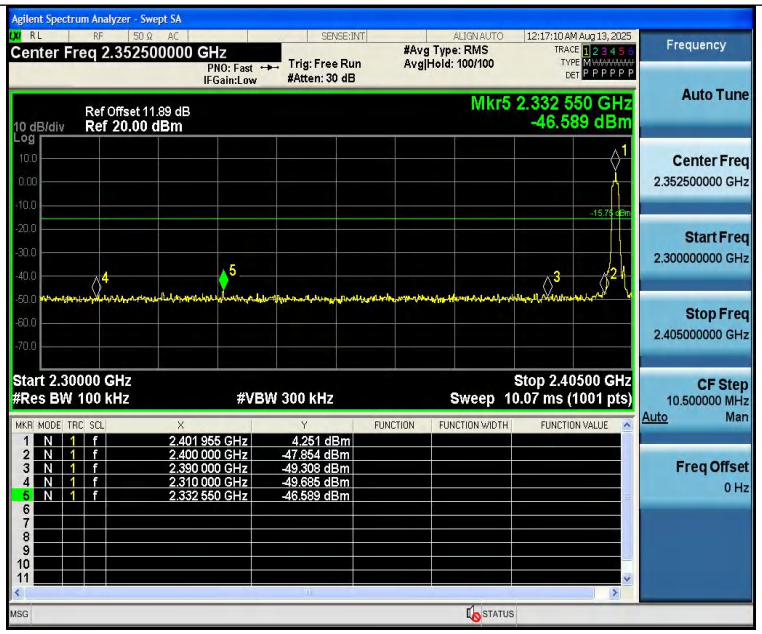


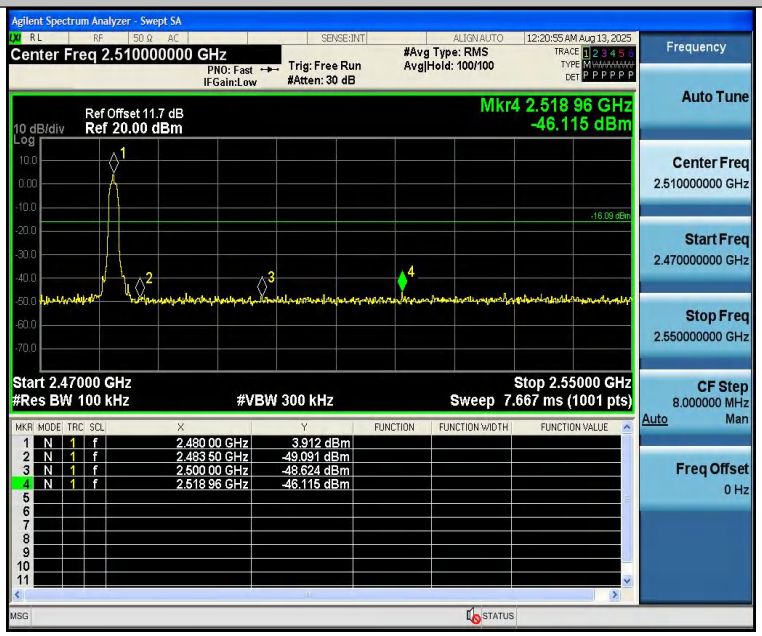
2DH5-Ant1-Hop_2480-PASS



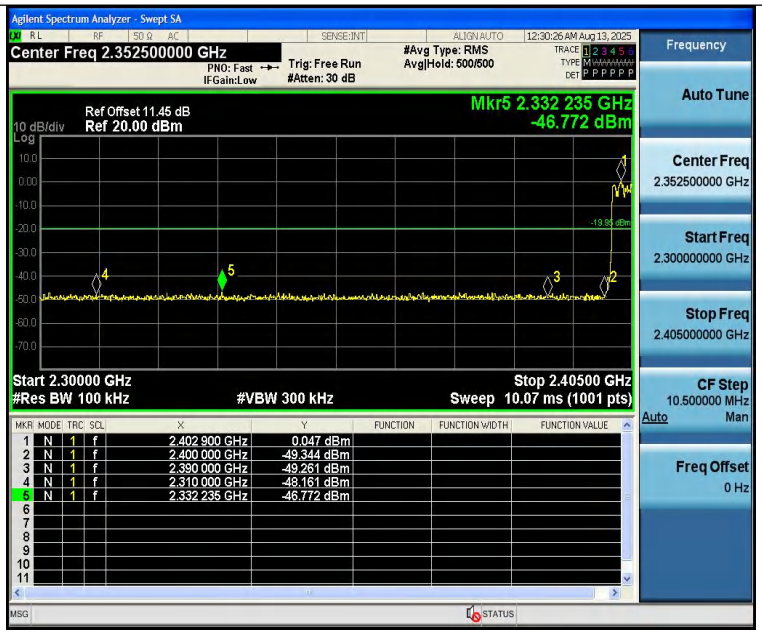
3DH5-Ant1-2402-PASS



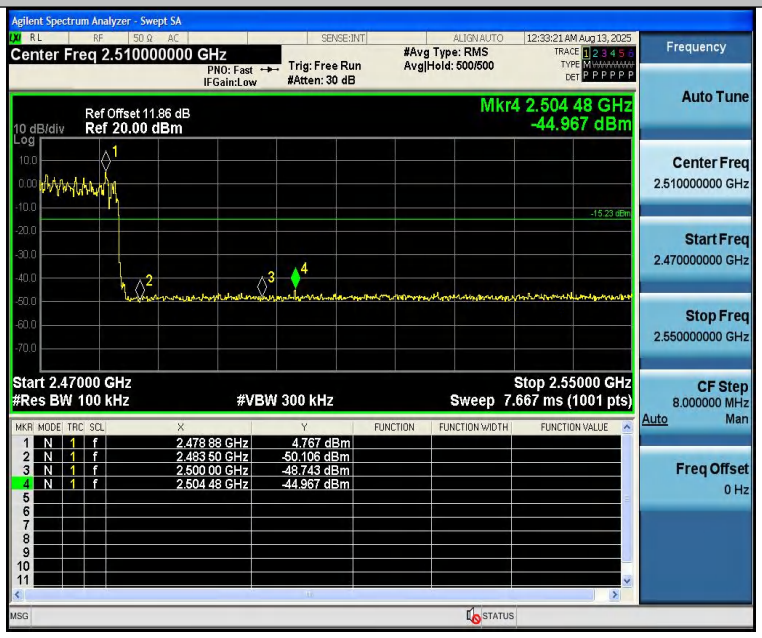
3DH5-Ant1-2480-PASS



3DH5-Ant1-Hop_2402-PASS



3DH5-Ant1-Hop_2480-PASS



Conducted Emission Method

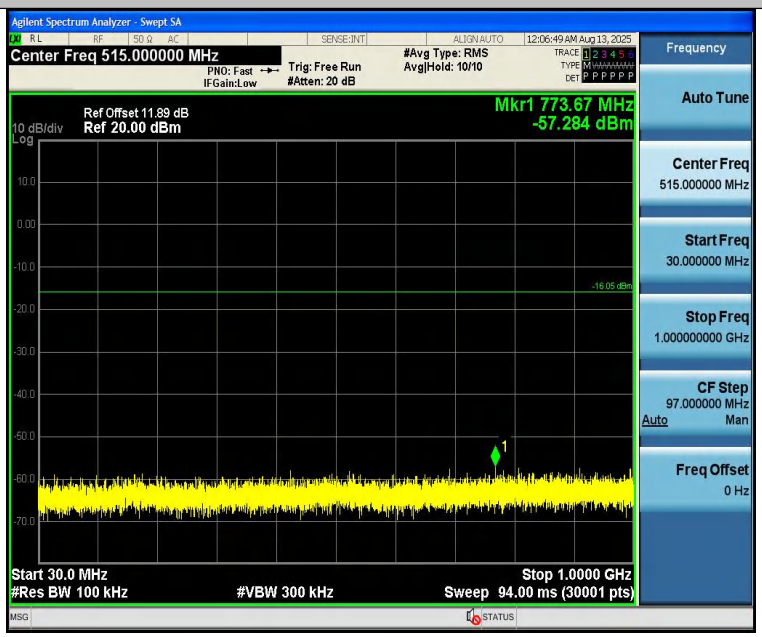
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	3.95	3.95	---	PASS
DH5	Ant1	2402	30~1000	3.95	-57.28	≤-16.05	PASS
DH5	Ant1	2402	1000~26500	3.95	-42.16	≤-16.05	PASS
DH5	Ant1	2441	0~Reference	4.30	4.30	---	PASS
DH5	Ant1	2441	30~1000	4.30	-57.31	≤-15.7	PASS
DH5	Ant1	2441	1000~26500	4.30	-41.95	≤-15.7	PASS
DH5	Ant1	2480	0~Reference	4.66	4.66	---	PASS
DH5	Ant1	2480	30~1000	4.66	-57.65	≤-15.34	PASS
DH5	Ant1	2480	1000~26500	4.66	-41.73	≤-15.34	PASS
2DH5	Ant1	2402	0~Reference	3.97	3.97	---	PASS
2DH5	Ant1	2402	30~1000	3.97	-57.48	≤-16.03	PASS
2DH5	Ant1	2402	1000~26500	3.97	-42.16	≤-16.03	PASS
2DH5	Ant1	2441	0~Reference	3.01	3.01	---	PASS
2DH5	Ant1	2441	30~1000	3.01	-57.2	≤-16.99	PASS
2DH5	Ant1	2441	1000~26500	3.01	-41.84	≤-16.99	PASS
2DH5	Ant1	2480	0~Reference	1.86	1.86	---	PASS
2DH5	Ant1	2480	30~1000	1.86	-56.92	≤-18.14	PASS
2DH5	Ant1	2480	1000~26500	1.86	-41.22	≤-18.14	PASS
3DH5	Ant1	2402	0~Reference	4.15	4.15	---	PASS
3DH5	Ant1	2402	30~1000	4.15	-57.4	≤-15.85	PASS
3DH5	Ant1	2402	1000~26500	4.15	-41.7	≤-15.85	PASS
3DH5	Ant1	2441	0~Reference	1.02	1.02	---	PASS
3DH5	Ant1	2441	30~1000	1.02	-56.79	≤-18.98	PASS
3DH5	Ant1	2441	1000~26500	1.02	-40.89	≤-18.98	PASS
3DH5	Ant1	2480	0~Reference	3.95	3.95	---	PASS
3DH5	Ant1	2480	30~1000	3.95	-56.29	≤-16.05	PASS
3DH5	Ant1	2480	1000~26500	3.95	-42.64	≤-16.05	PASS

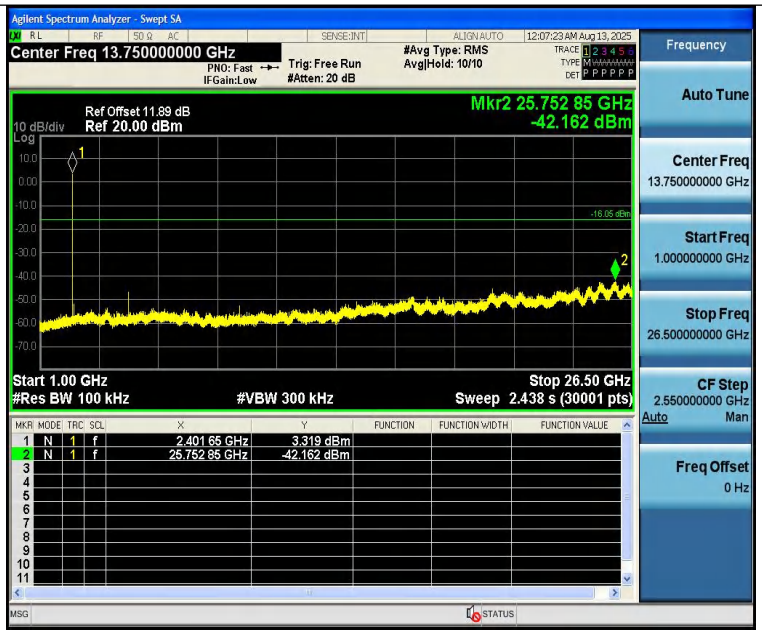
Test Graphs:

DH5-Ant1-2402-0~Reference-PASS

DH5-Ant1-2402-30~1000-PASS

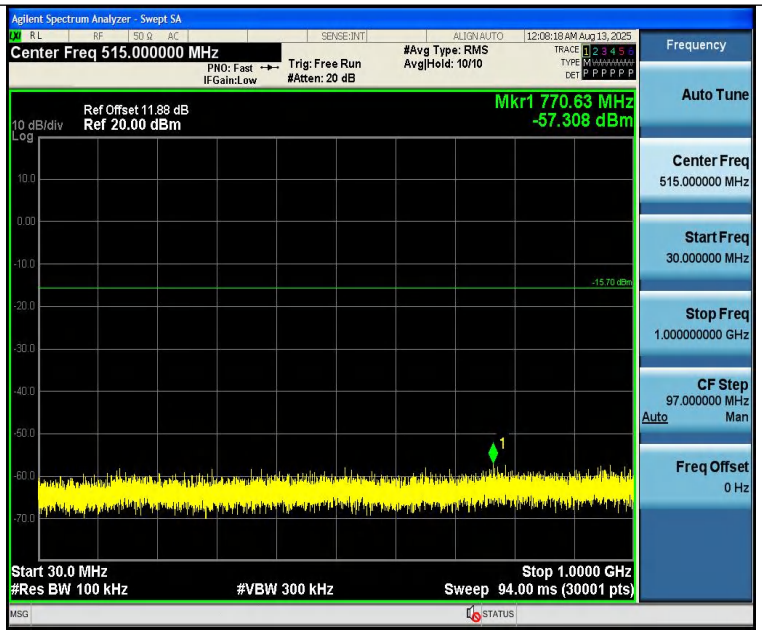


DH5-Ant1-2402-1000~26500-PASS

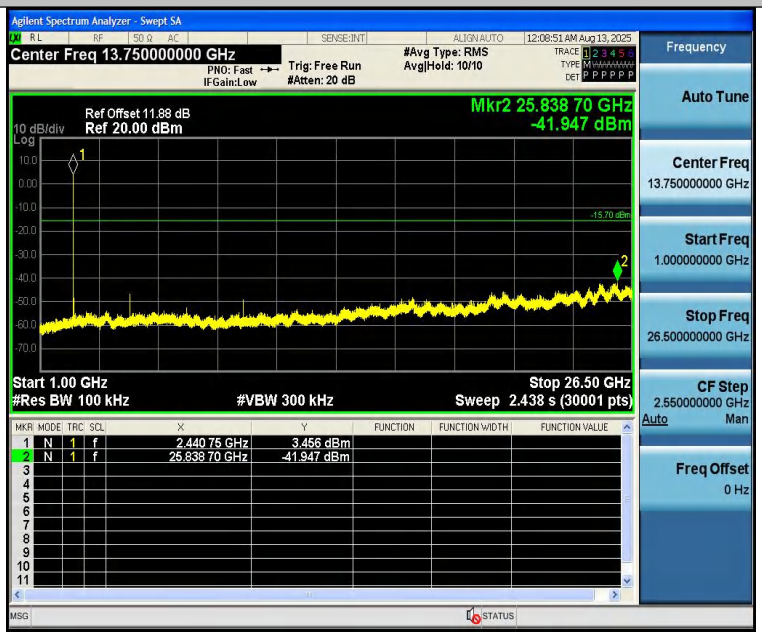


DH5-Ant1-2441-0~Reference-PASS

DH5-Ant1-2441-30~1000-PASS

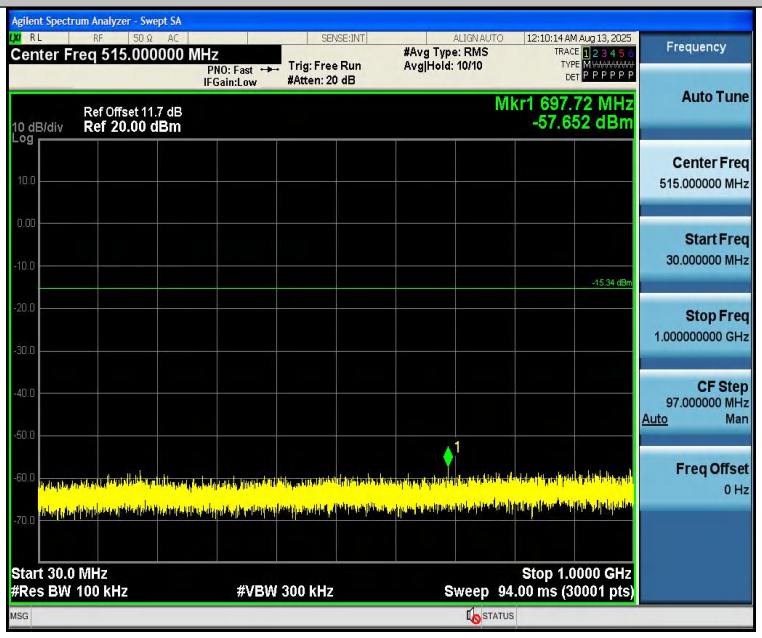


DH5-Ant1-2441-1000~26500-PASS

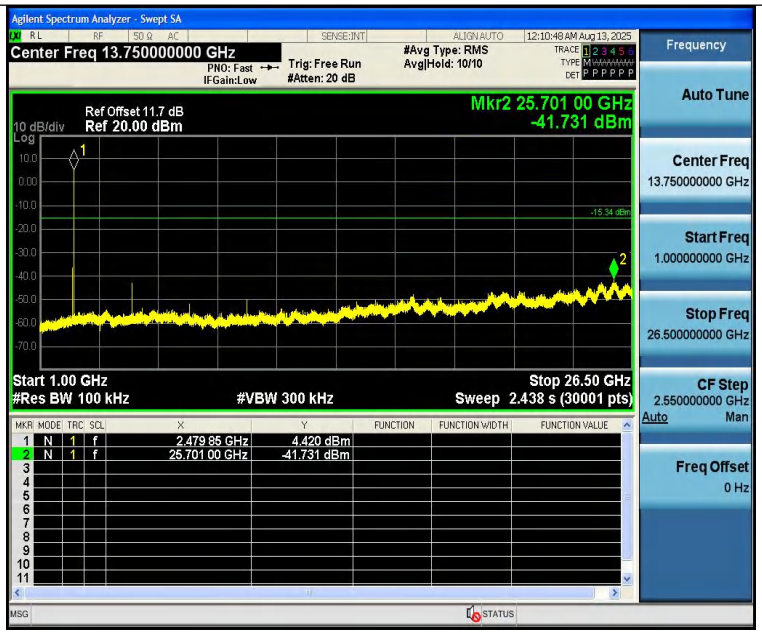


DH5-Ant1-2480-0~Reference-PASS

DH5-Ant1-2480-30~1000-PASS

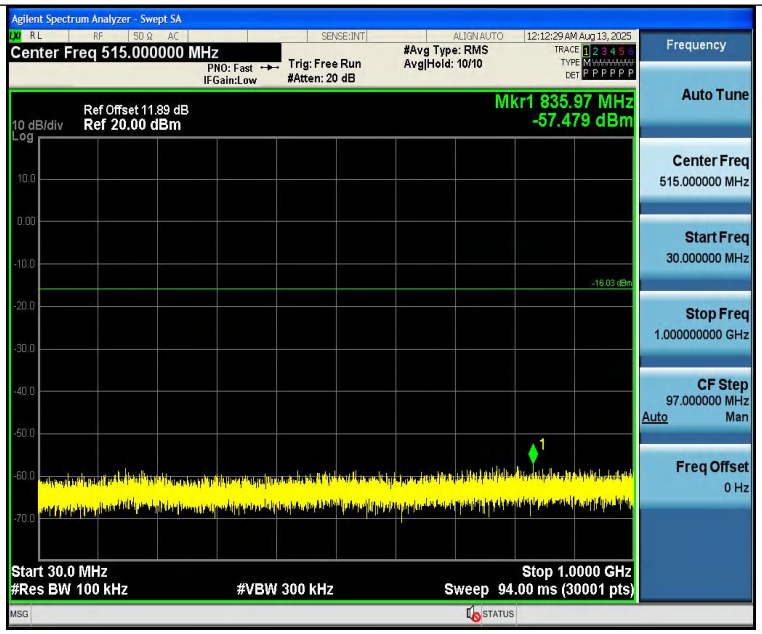


DH5-Ant1-2480-1000~26500-PASS

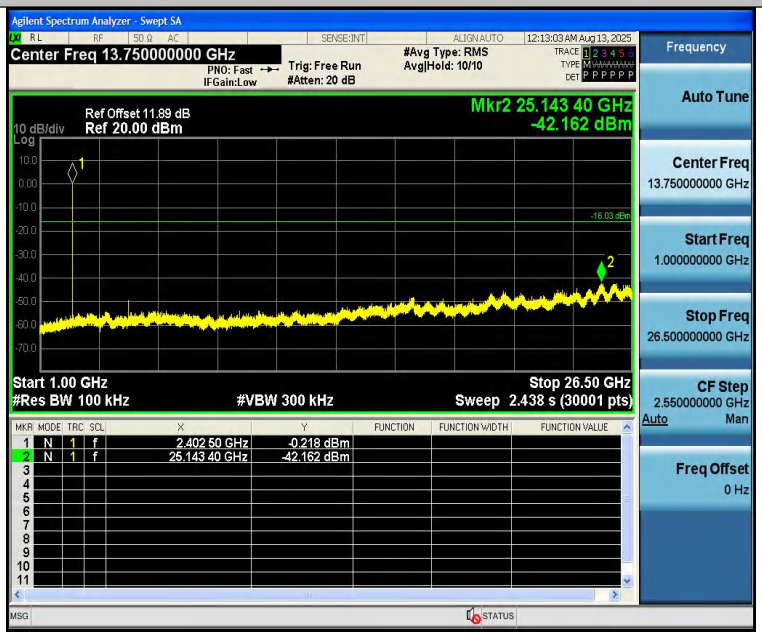


2DH5-Ant1-2402-0~Reference-PASS

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

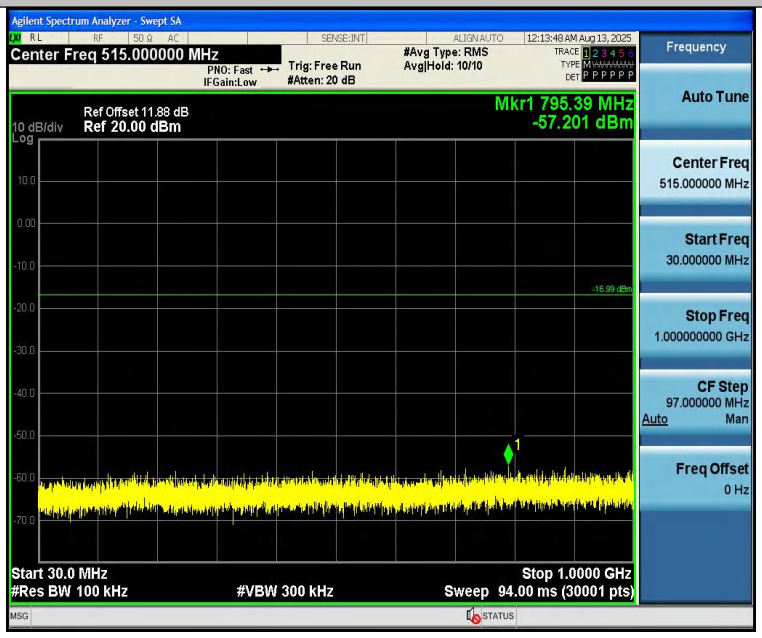


2DH5-Ant1-2402-1000~26500-PASS

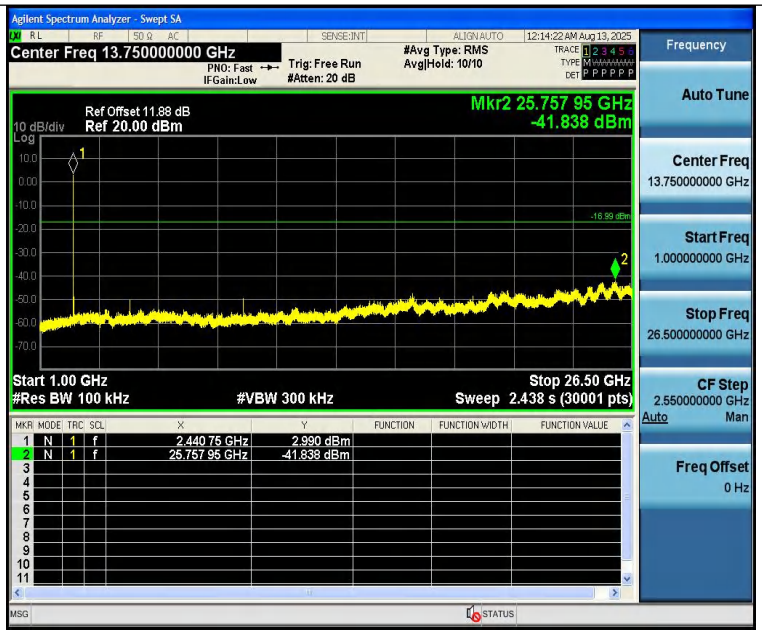


2DH5-Ant1-2441-0~Reference-PASS

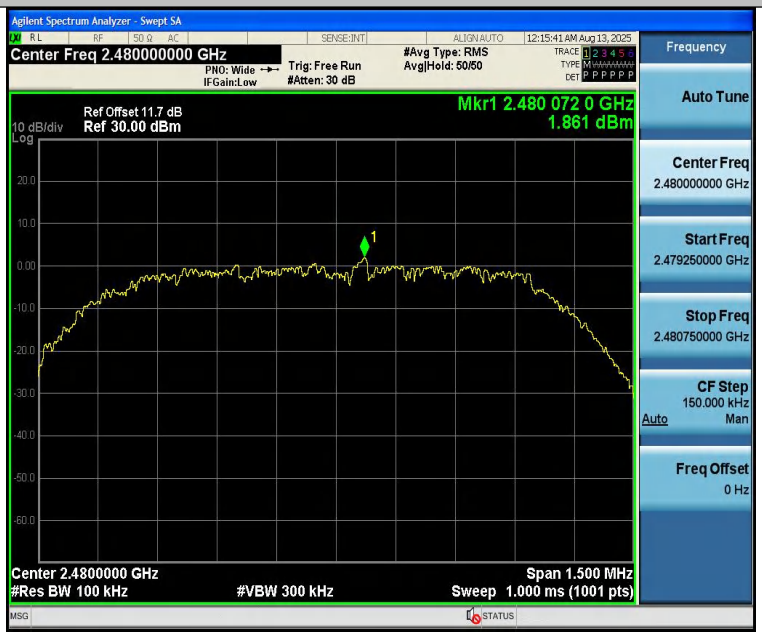
2DH5-Ant1-2441-30~1000-PASS



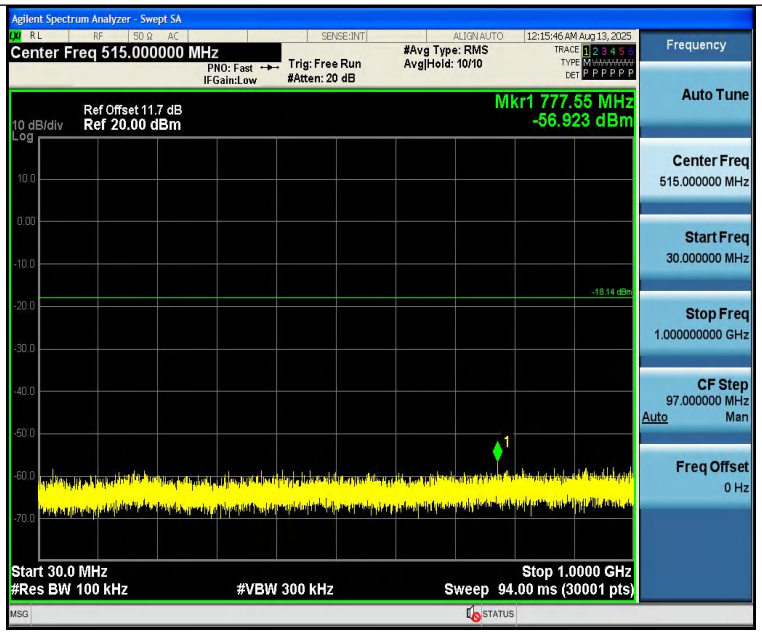
2DH5-Ant1-2441-1000~26500-PASS



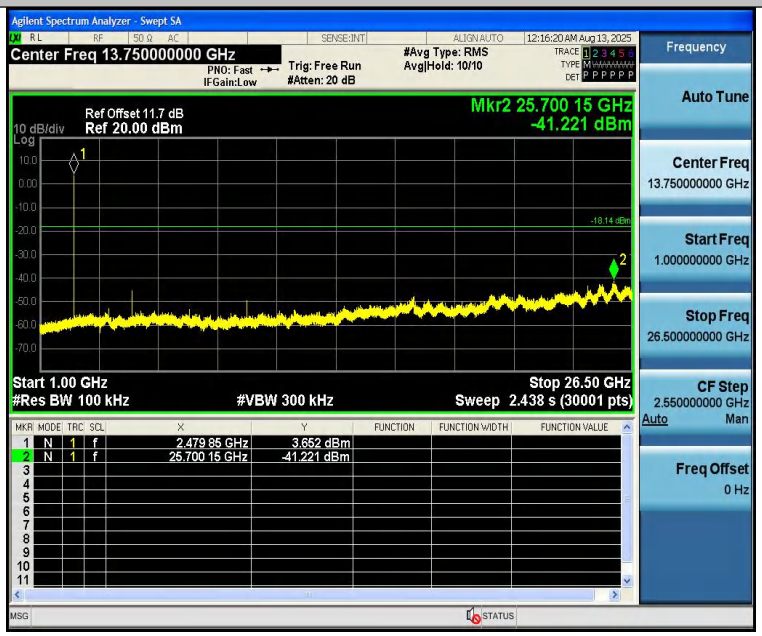
2DH5-Ant1-2480-0~Reference-PASS



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

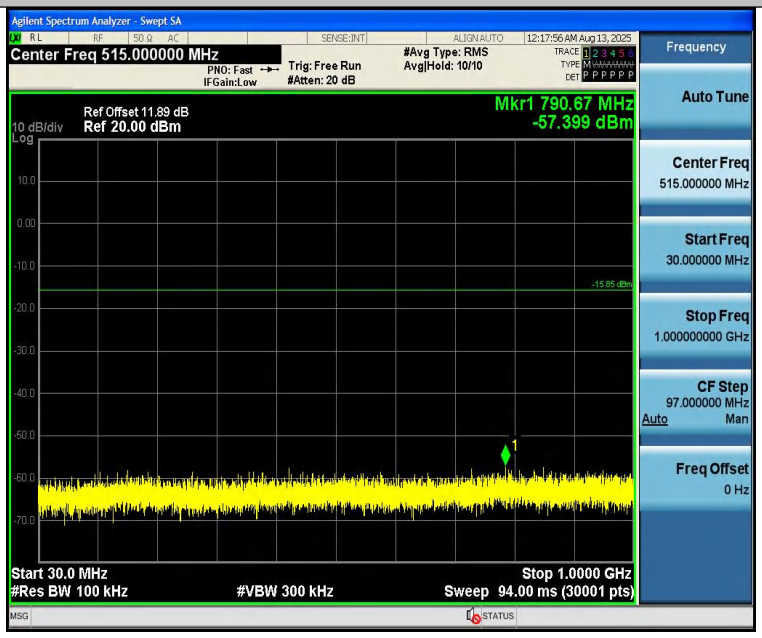


2DH5-Ant1-2480-1000~26500-PASS

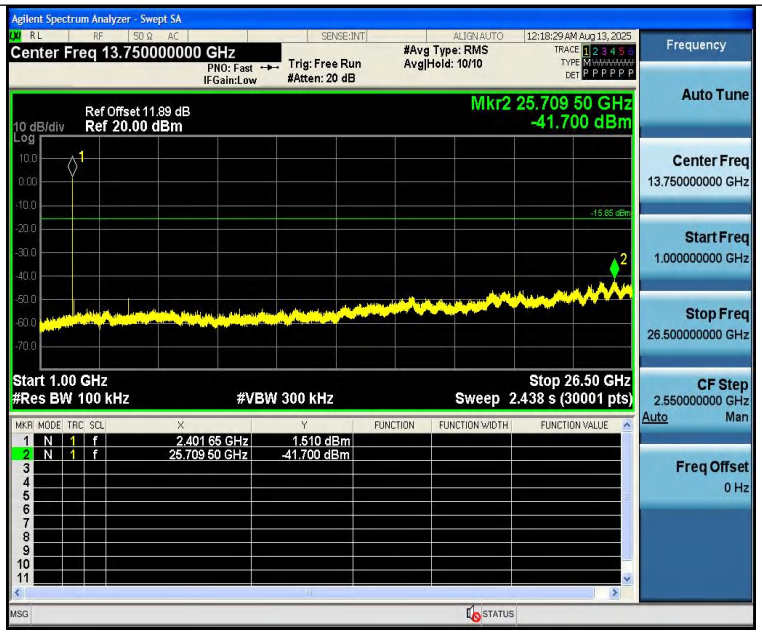


3DH5-Ant1-2402-0~Reference-PASS

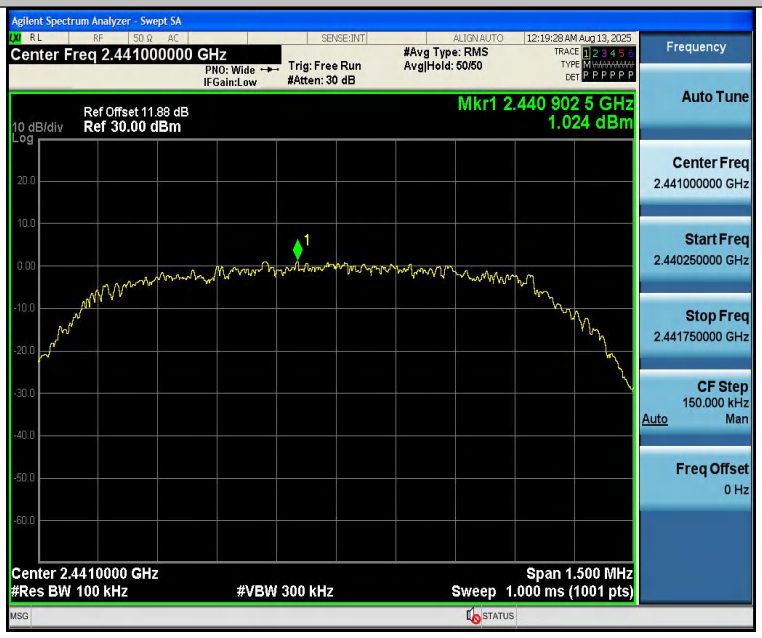
3DH5-Ant1-2402-30~1000-PASS



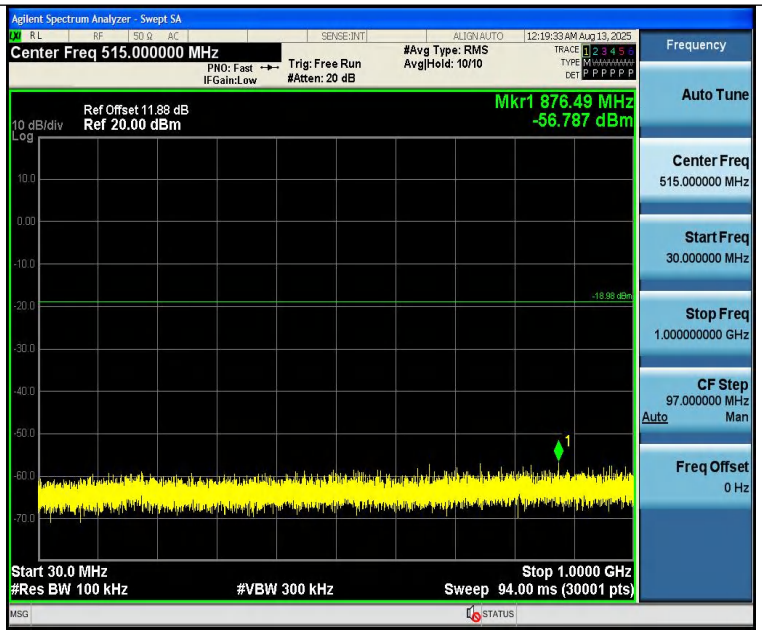
3DH5-Ant1-2402-1000~26500-PASS



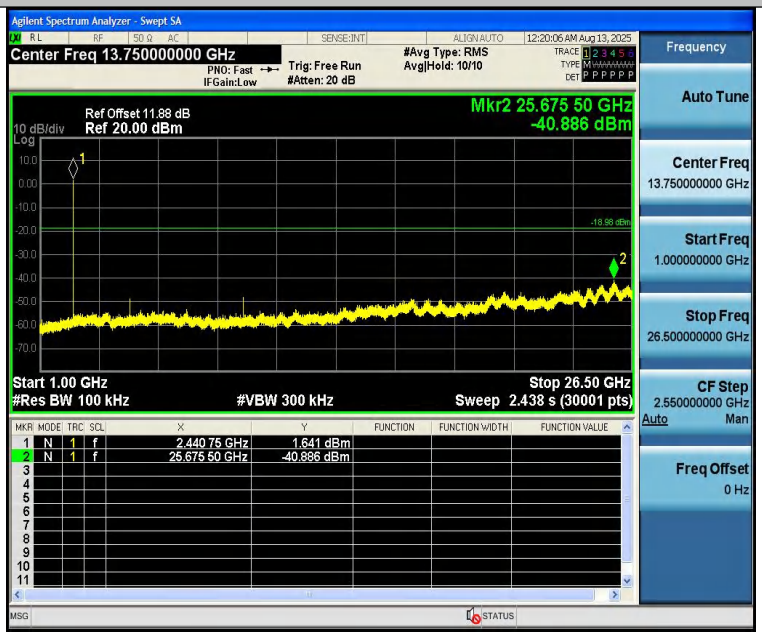
3DH5-Ant1-2441-0~Reference-PASS



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

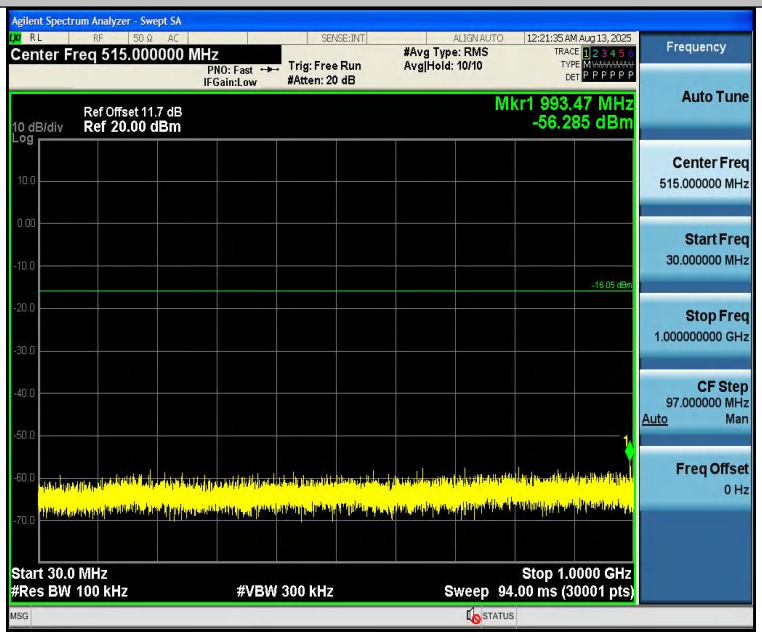


3DH5-Ant1-2441-1000~26500-PASS

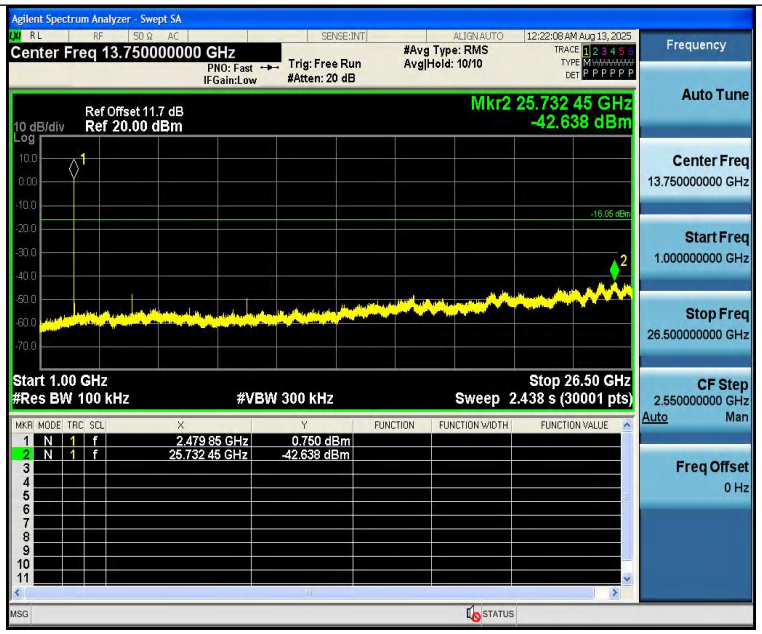


3DH5-Ant1-2480-0~Reference-PASS

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
12:22:08 AM Aug 13, 2025
Ref Offset 11.7 dB
10 dB/div
Log
Ref 20.00 dBm
Mkr2 25.732 45 GHz
-42.638 dBm
-16.05 dBm
Start 1.00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 26.50 GHz
Sweep 2.438 s (30001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1 N 1 f 2.479 85 GHz 0.750 dBm
2 N 1 f 25.732 45 GHz -42.638 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
MSG
STATUS

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.

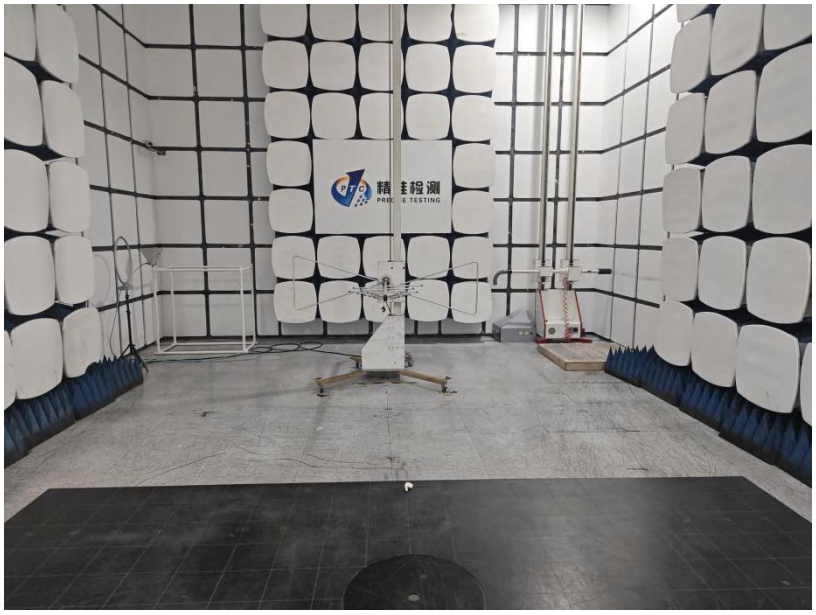
14.2 Antenna Connected Construction

The antenna is PCB antenna which permanently attached, and the best case gain of the antenna is -1.2 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


RoHS
ERAZER


ERAZER
ERAZER

L:


30
31
29
28
27
26
25
24
23
22
1cm
2
3
4
5
6
7

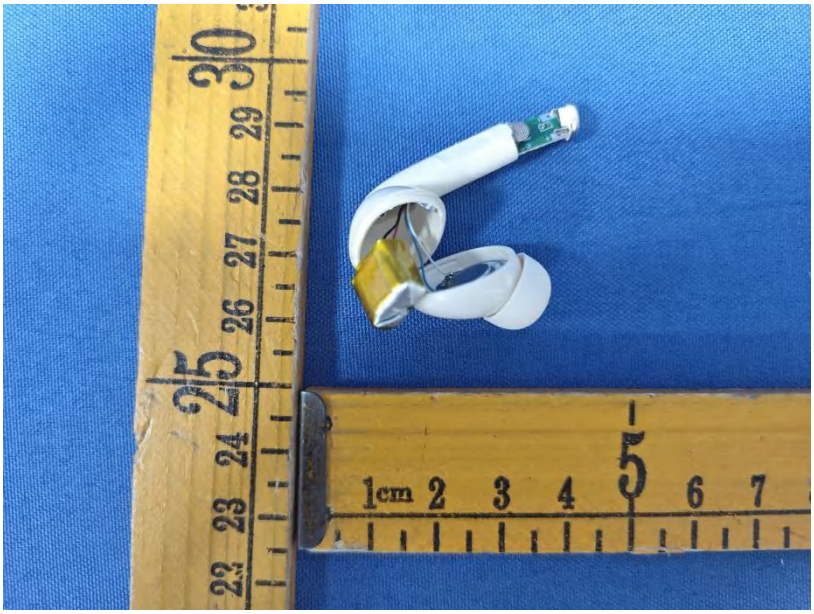

30
29
28
27
26
25
24
23
22
1cm
2
3
4
5
6
7

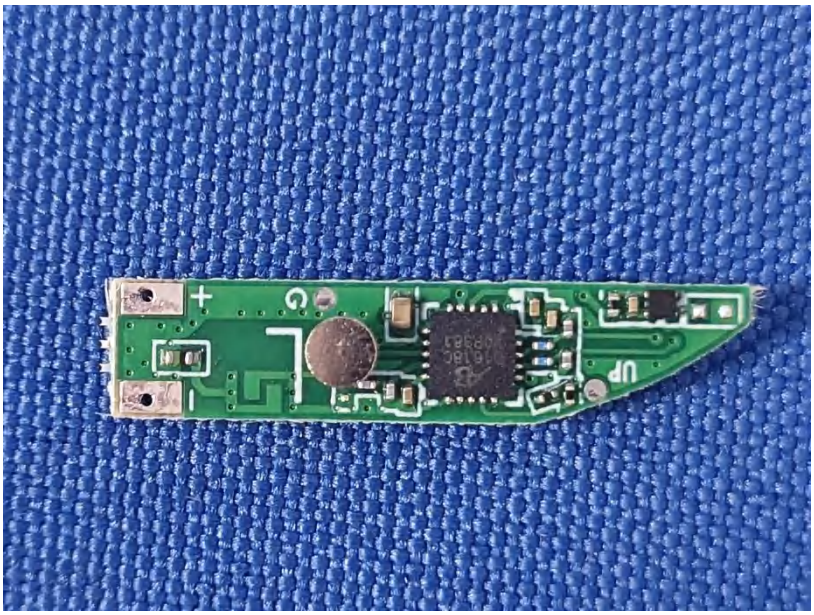

1cm 2 3 4 5 6

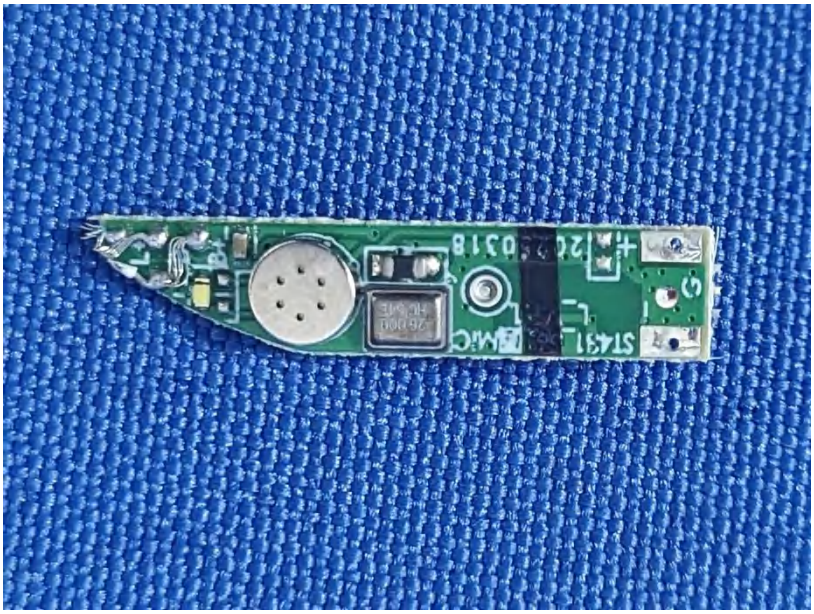

1cm 2 3 4 5 6 7

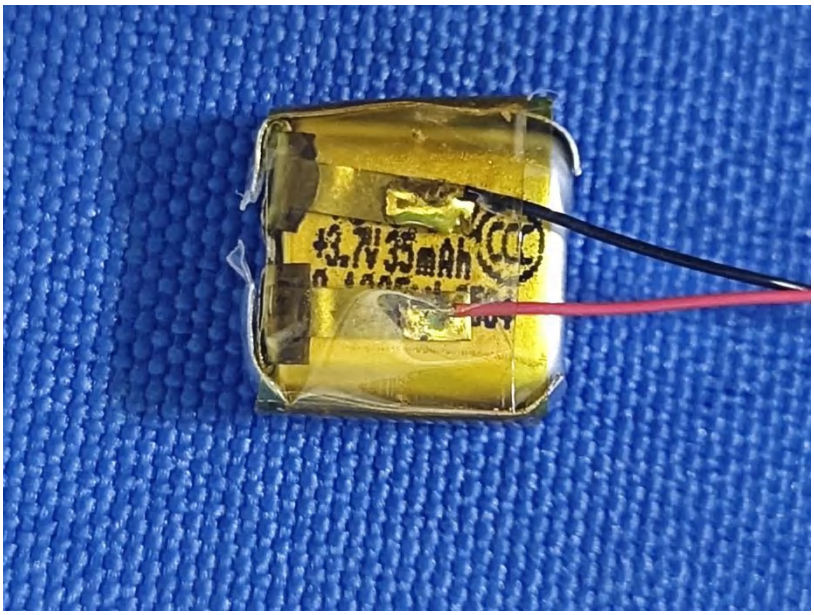

1cm 2 3 4 5 6

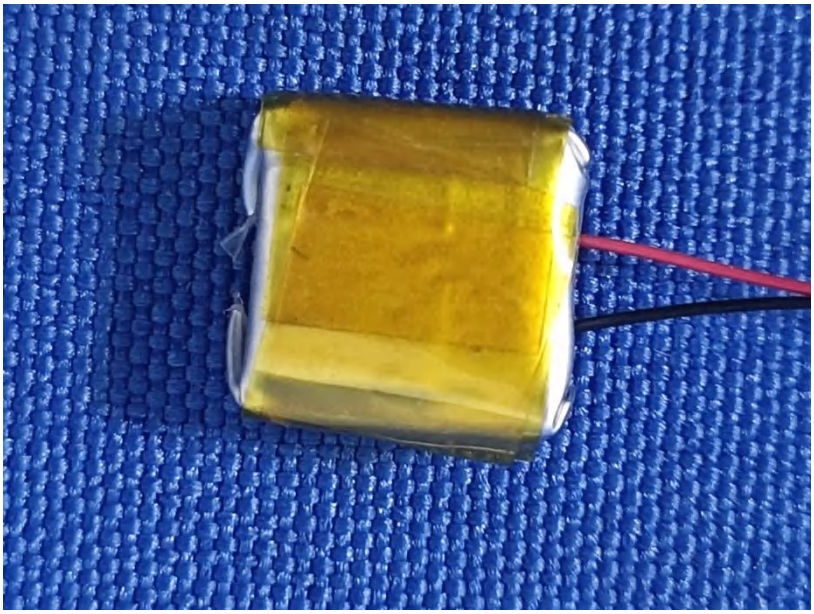

ERAZER
1cm 2 3 4 5 6


30
29
28
27
26
25
24
23
22
1cm 2 3 4 5 6 7









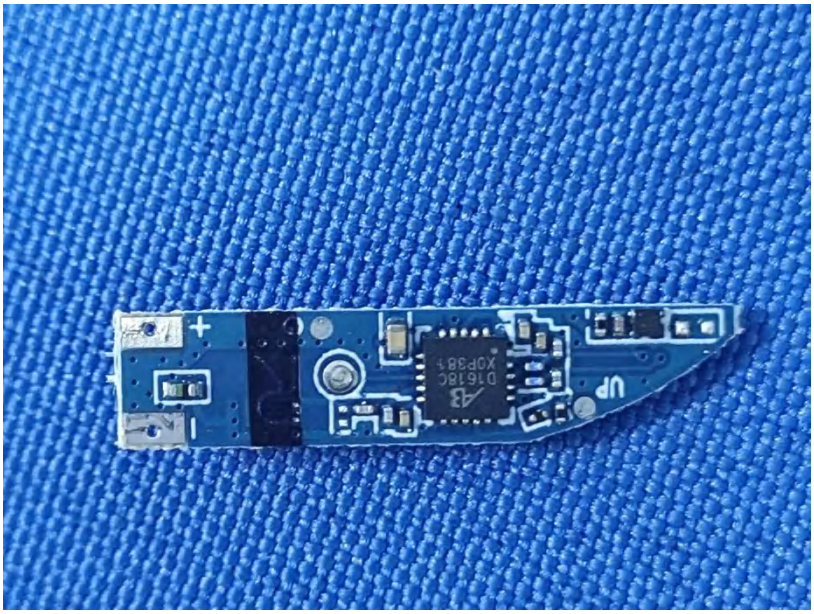
R:

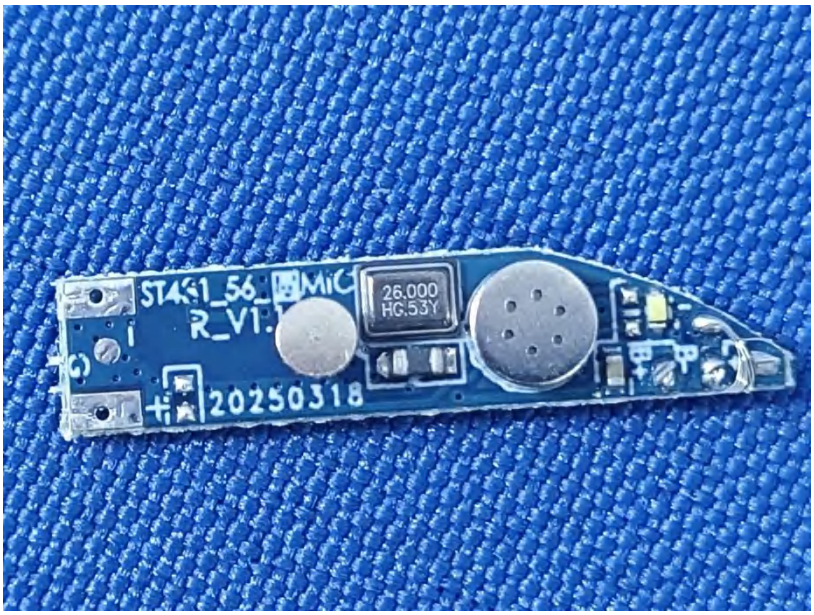

30
31
29
28
27
26
25
24
1cm
2
3
4
5
6

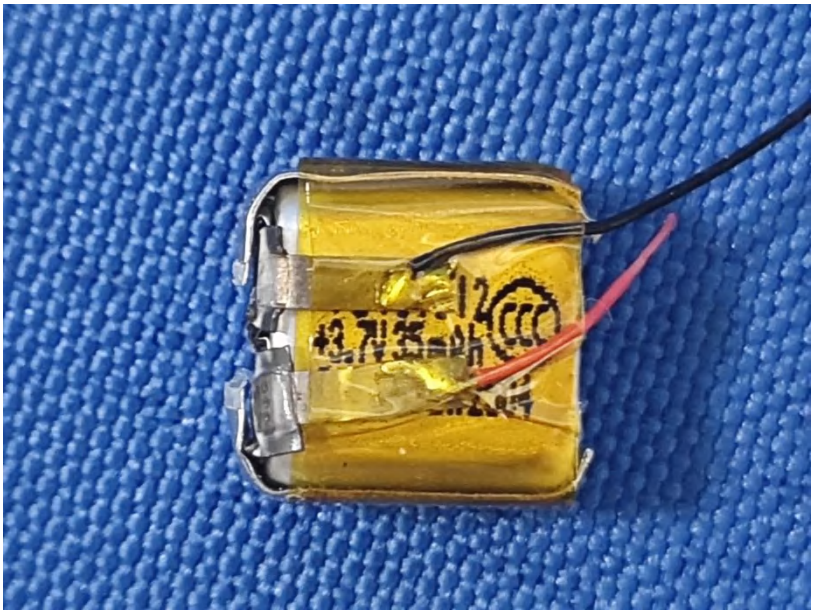

35
34
33
32
31
30
29
28
27
26
25
24
ERAZER
1cm
2
3
4
5
6
7

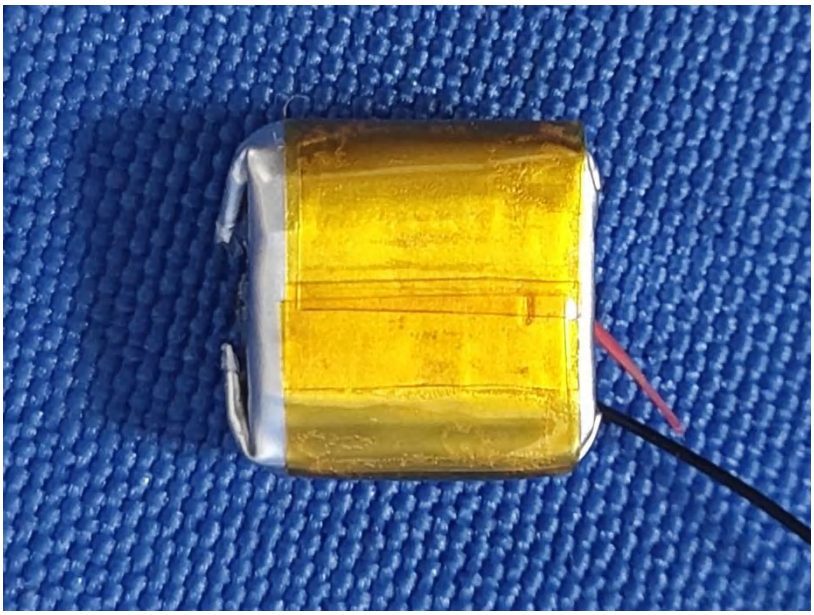

ERAZER
1cm 2 3 4 5 6


1cm 2 3 4 5 6




ST451_56_
R_V1.
MIC
26.000
HC.53Y
20250318





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