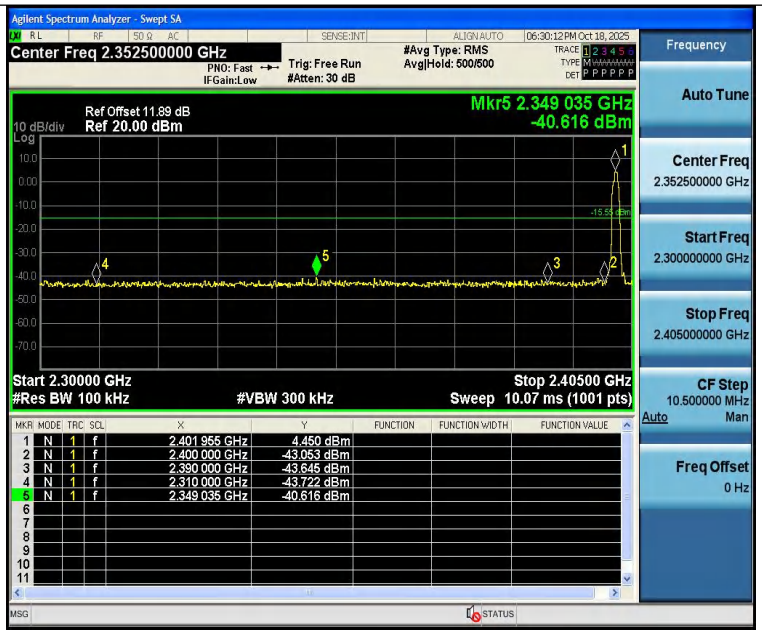
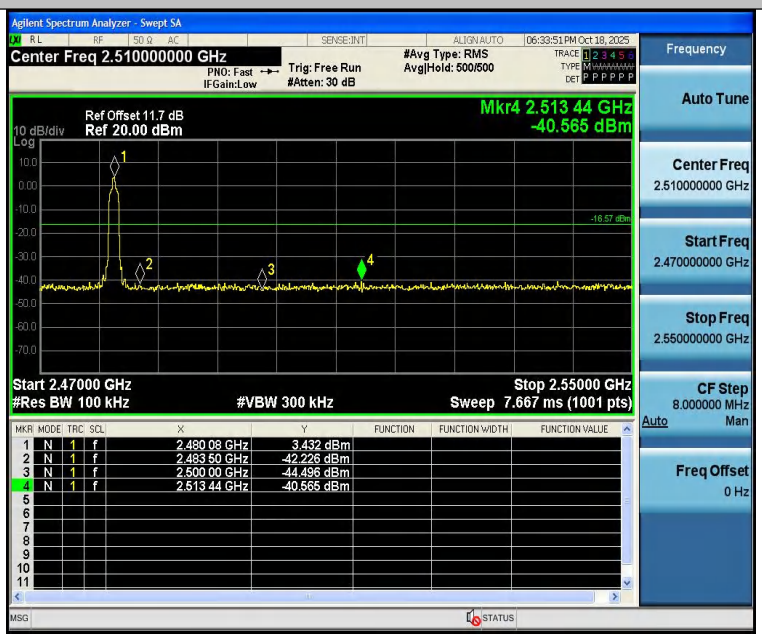
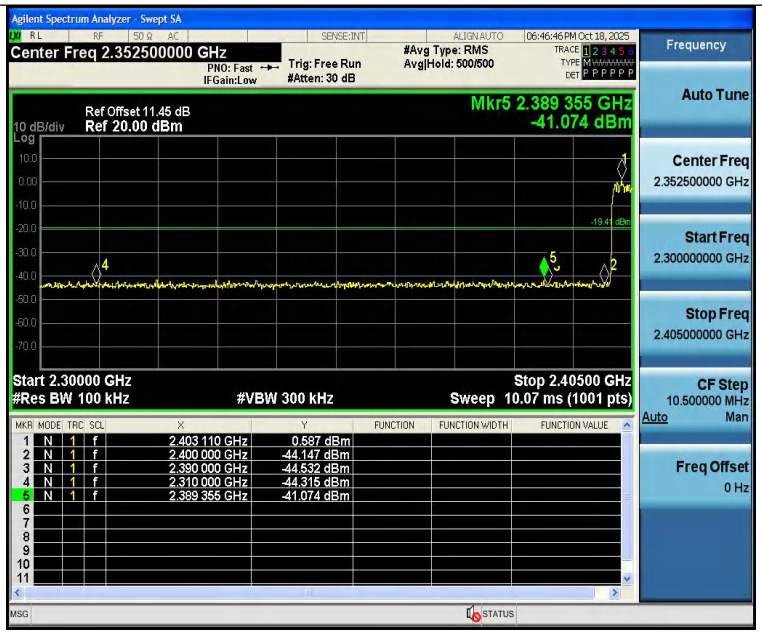


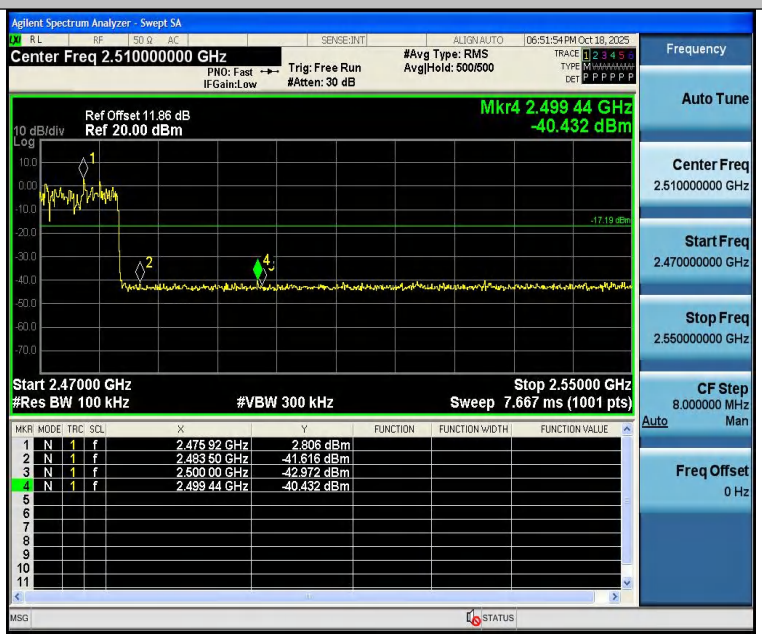
2DH5-Ant1-2480-PASS



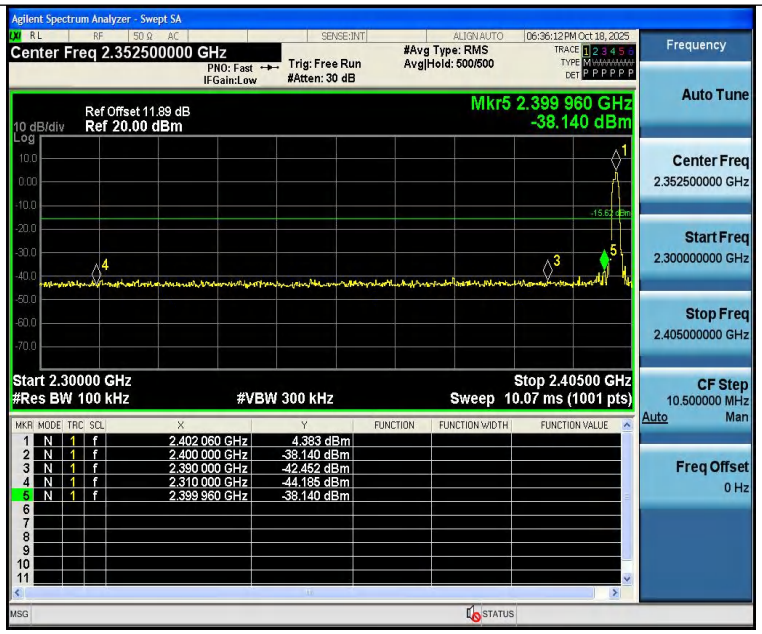
2DH5-Ant1-Hop_2402-PASS



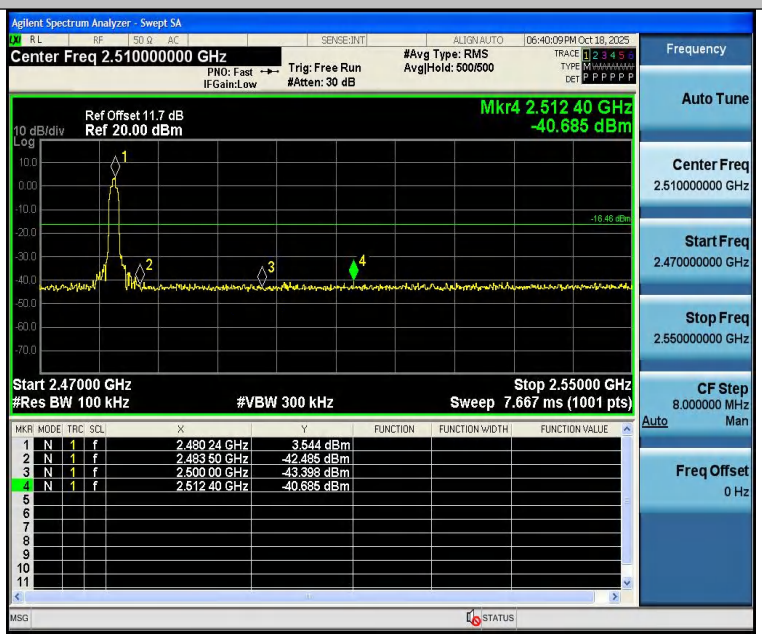
2DH5-Ant1-Hop_2480-PASS



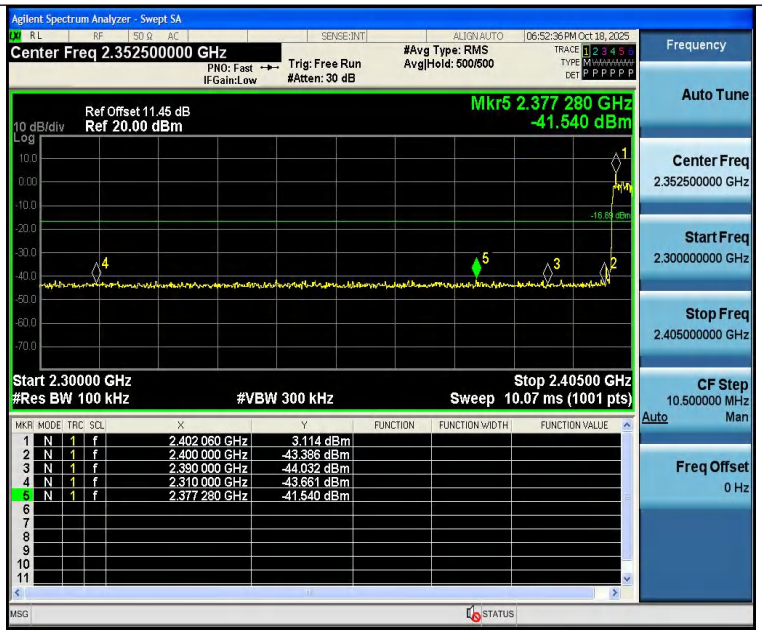
3DH5-Ant1-2402-PASS



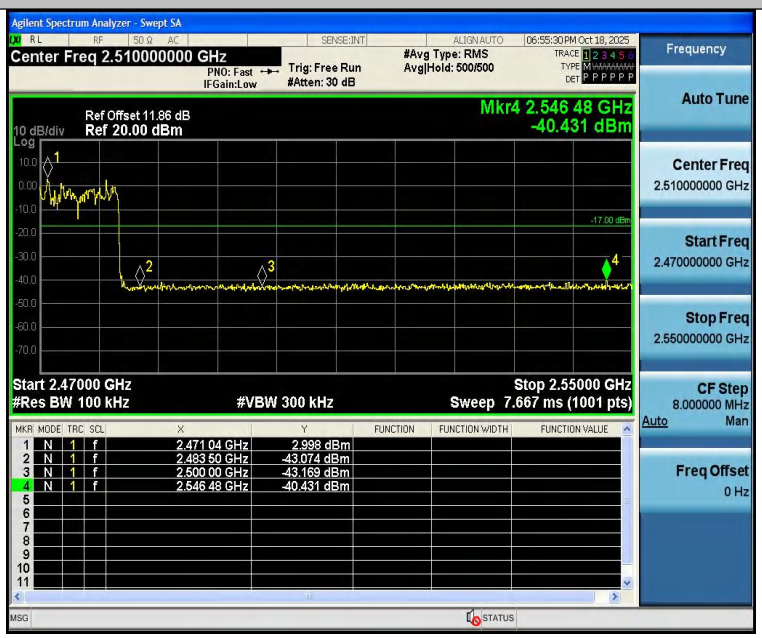
3DH5-Ant1-2480-PASS



3DH5-Ant1-Hop_2402-PASS



3DH5-Ant1-Hop_2480-PASS



Conducted Emission Method

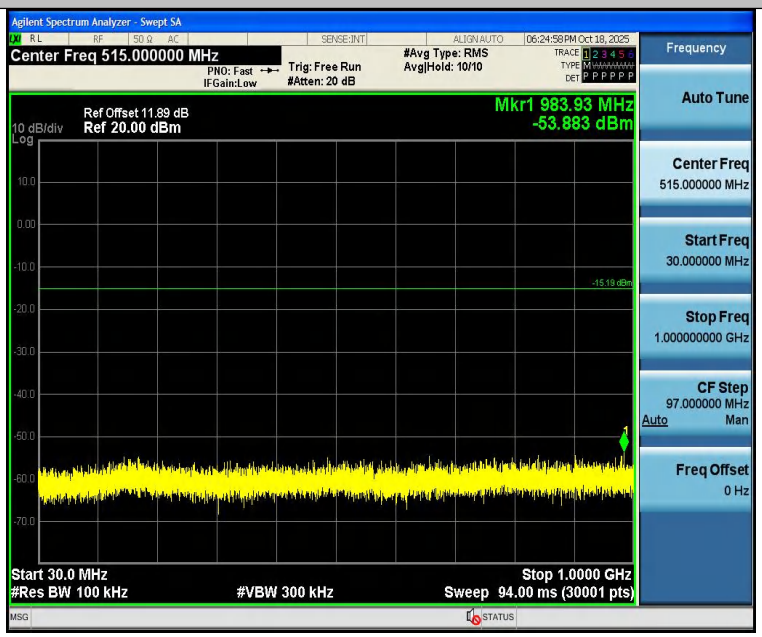
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	4.81	4.81	---	PASS
DH5	Ant1	2402	30~1000	4.81	-53.88	≤-15.19	PASS
DH5	Ant1	2402	1000~26500	4.81	-40.94	≤-15.19	PASS
DH5	Ant1	2441	0~Reference	3.87	3.87	---	PASS
DH5	Ant1	2441	30~1000	3.87	-53.99	≤-16.13	PASS
DH5	Ant1	2441	1000~26500	3.87	-41.99	≤-16.13	PASS
DH5	Ant1	2480	0~Reference	3.40	3.40	---	PASS
DH5	Ant1	2480	30~1000	3.40	-53.52	≤-16.6	PASS
DH5	Ant1	2480	1000~26500	3.40	-41.17	≤-16.6	PASS
2DH5	Ant1	2402	0~Reference	4.61	4.61	---	PASS
2DH5	Ant1	2402	30~1000	4.61	-54.54	≤-15.39	PASS
2DH5	Ant1	2402	1000~26500	4.61	-42.06	≤-15.39	PASS
2DH5	Ant1	2441	0~Reference	3.85	3.85	---	PASS
2DH5	Ant1	2441	30~1000	3.85	-53.76	≤-16.15	PASS
2DH5	Ant1	2441	1000~26500	3.85	-42.22	≤-16.15	PASS
2DH5	Ant1	2480	0~Reference	3.45	3.45	---	PASS
2DH5	Ant1	2480	30~1000	3.45	-54.11	≤-16.55	PASS
2DH5	Ant1	2480	1000~26500	3.45	-42.18	≤-16.55	PASS
3DH5	Ant1	2402	0~Reference	4.74	4.74	---	PASS
3DH5	Ant1	2402	30~1000	4.74	-54.59	≤-15.26	PASS
3DH5	Ant1	2402	1000~26500	4.74	-42.08	≤-15.26	PASS
3DH5	Ant1	2441	0~Reference	3.82	3.82	---	PASS
3DH5	Ant1	2441	30~1000	3.82	-54.26	≤-16.18	PASS
3DH5	Ant1	2441	1000~26500	3.82	-42	≤-16.18	PASS
3DH5	Ant1	2480	0~Reference	2.99	2.99	---	PASS
3DH5	Ant1	2480	30~1000	2.99	-53.58	≤-17.01	PASS
3DH5	Ant1	2480	1000~26500	2.99	-41.99	≤-17.01	PASS

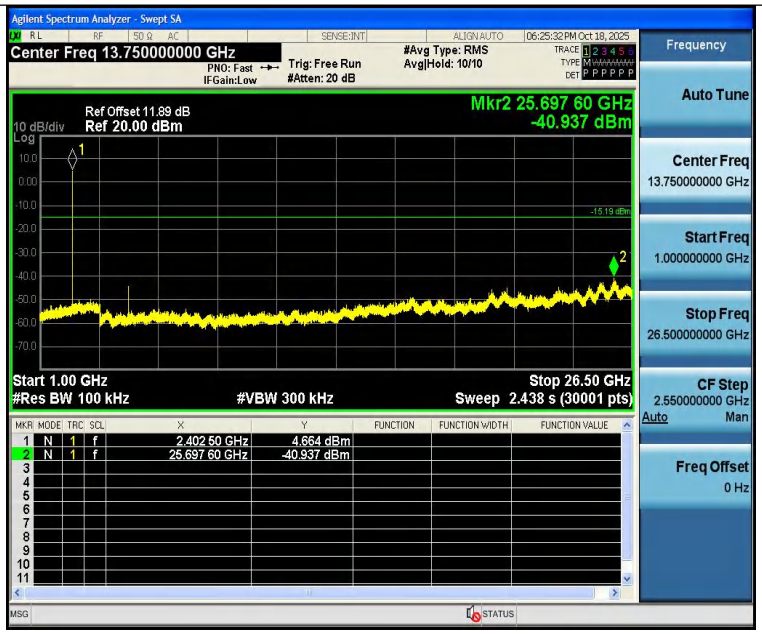
Test Graphs:

DH5-Ant1-2402-0~Reference-PASS

DH5-Ant1-2402-30~1000-PASS

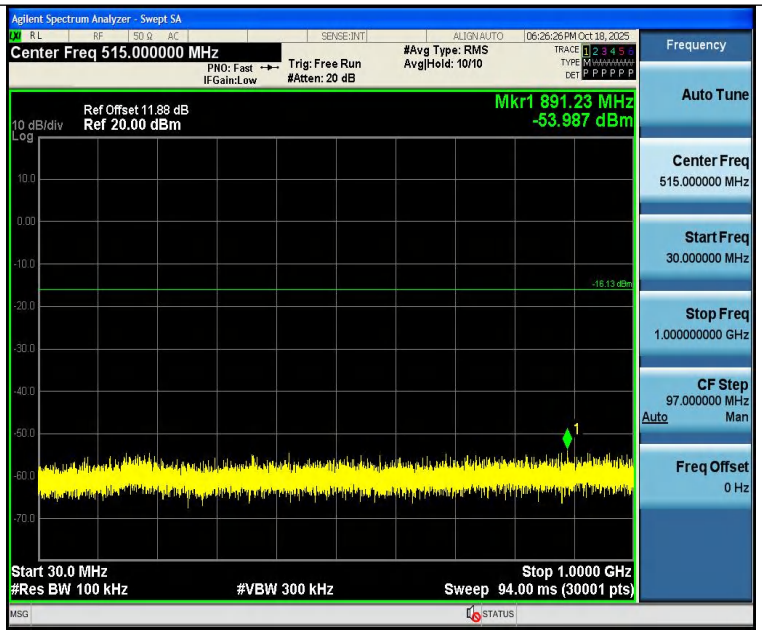


DH5-Ant1-2402-1000~26500-PASS

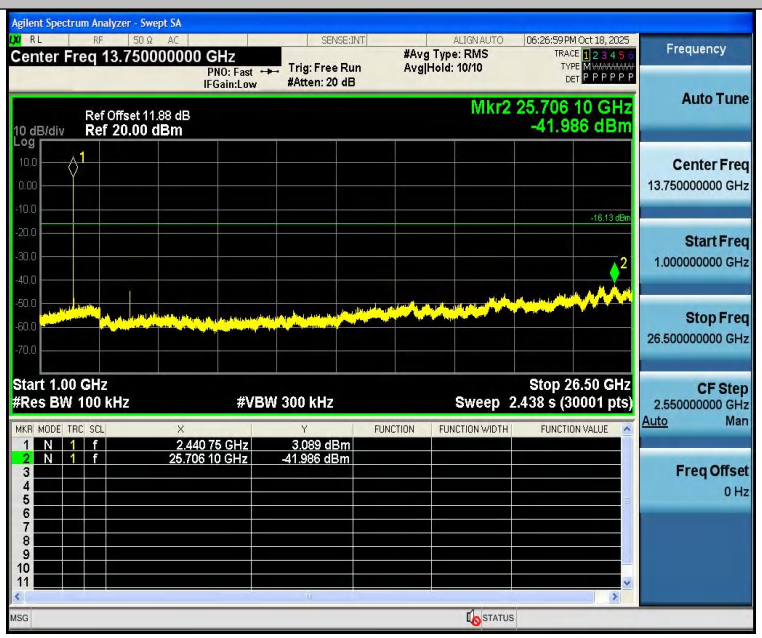


DH5-Ant1-2441-0~Reference-PASS

DH5-Ant1-2441-30~1000-PASS

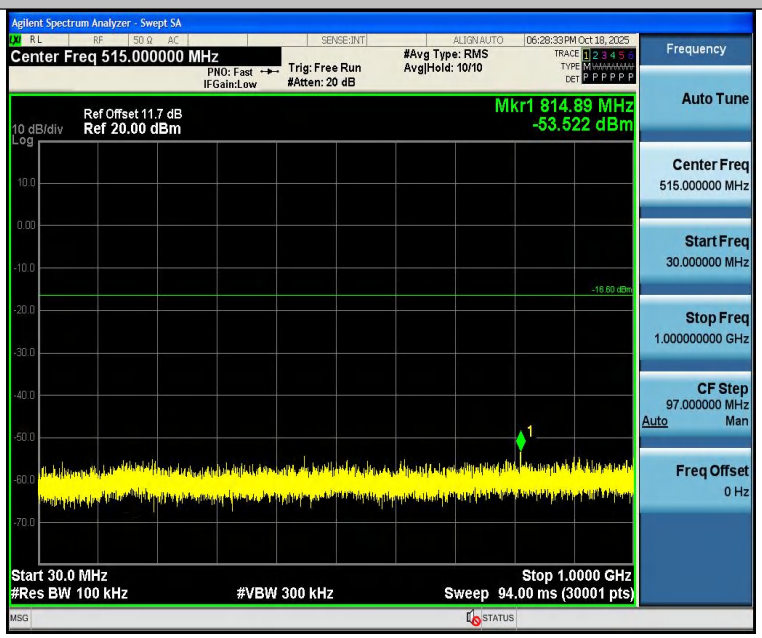


DH5-Ant1-2441-1000~26500-PASS

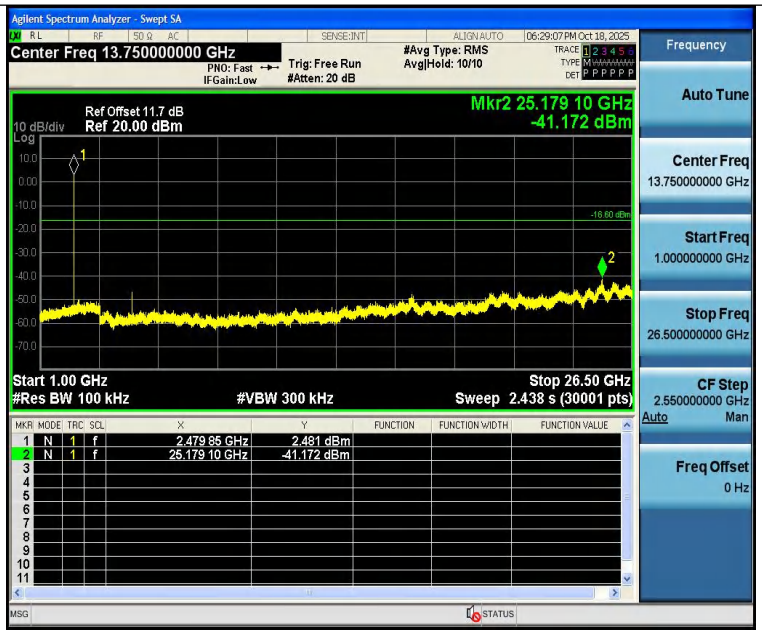


DH5-Ant1-2480-0~Reference-PASS

DH5-Ant1-2480-30~1000-PASS

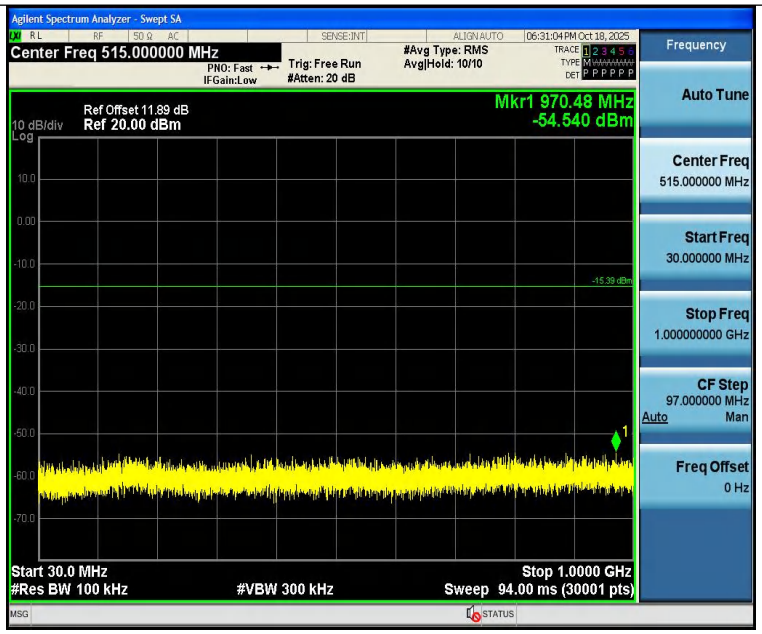


DH5-Ant1-2480-1000~26500-PASS

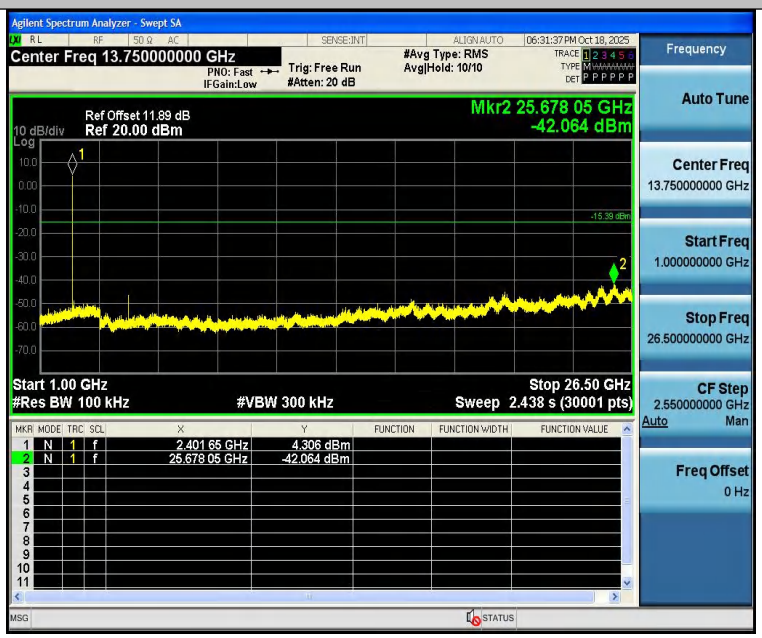


2DH5-Ant1-2402-0~Reference-PASS

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

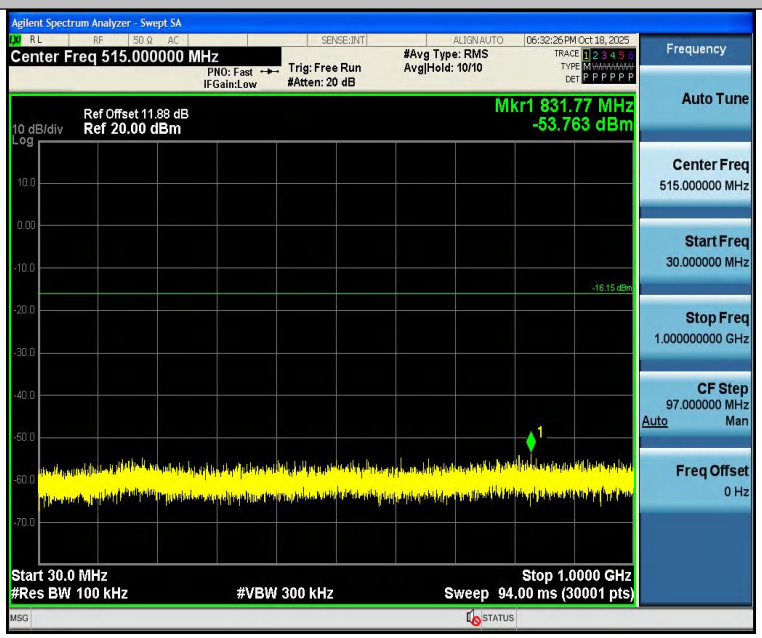


2DH5-Ant1-2402-1000~26500-PASS

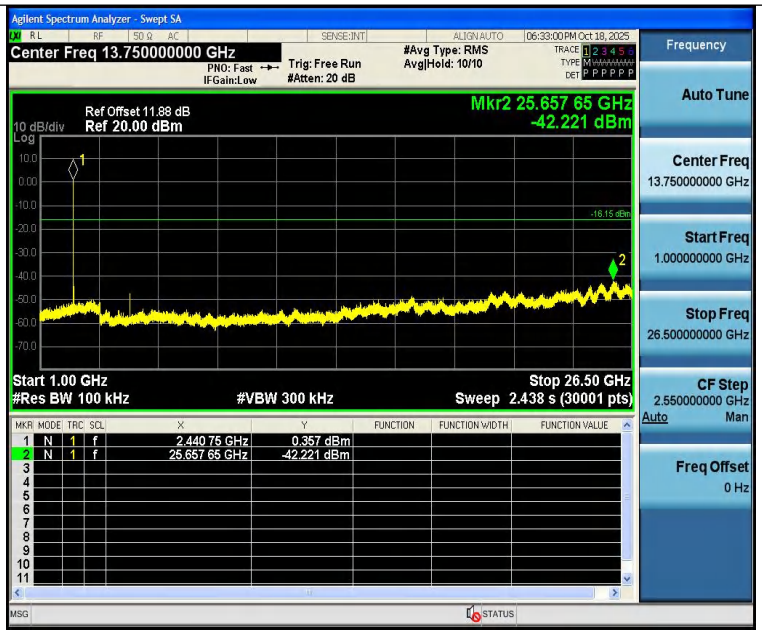


2DH5-Ant1-2441-0~Reference-PASS

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

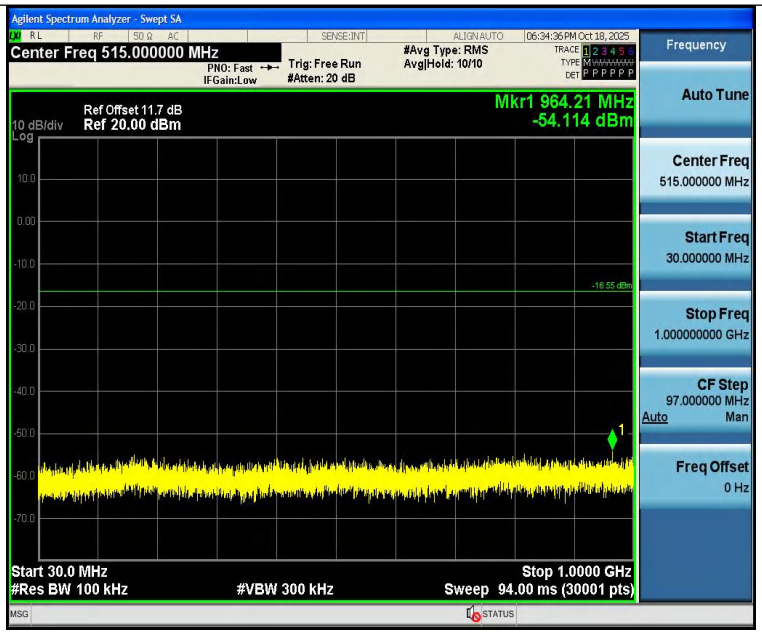


2DH5-Ant1-2441-1000~26500-PASS

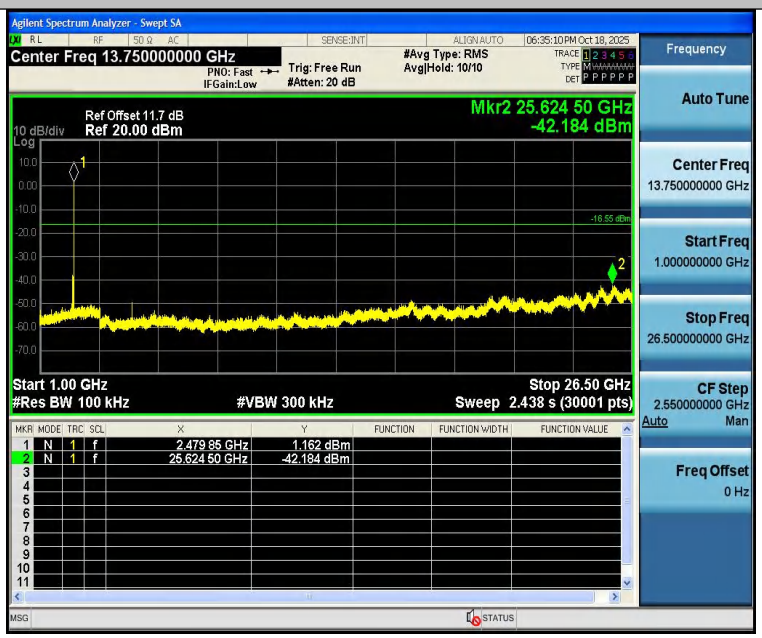


2DH5-Ant1-2480-0~Reference-PASS

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

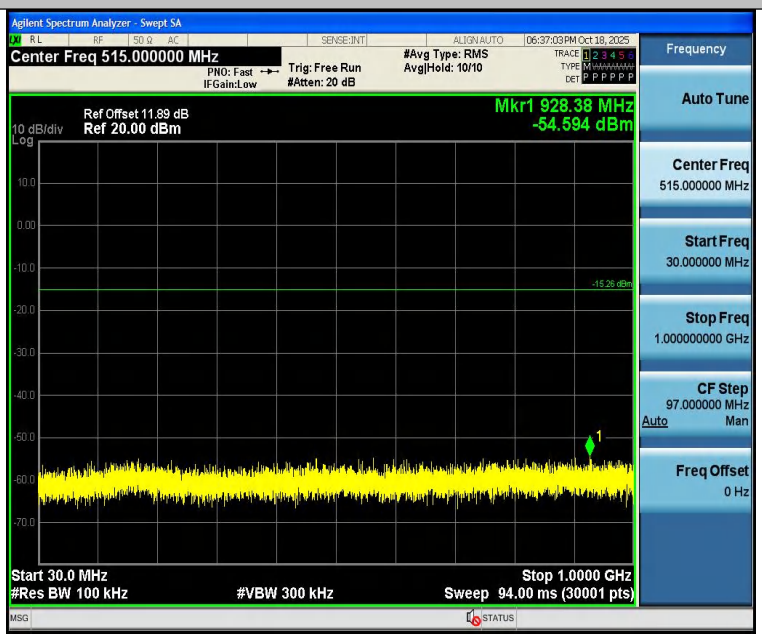


2DH5-Ant1-2480-1000~26500-PASS

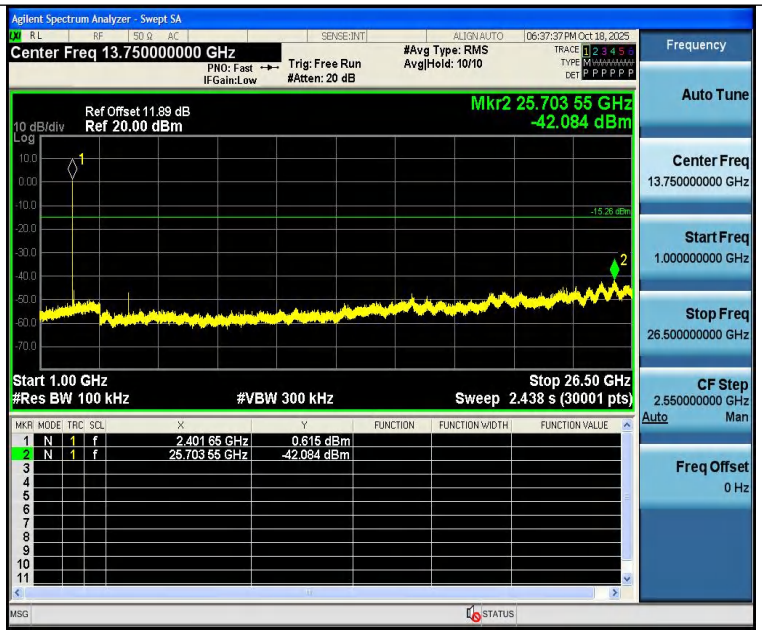


3DH5-Ant1-2402-0~Reference-PASS

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

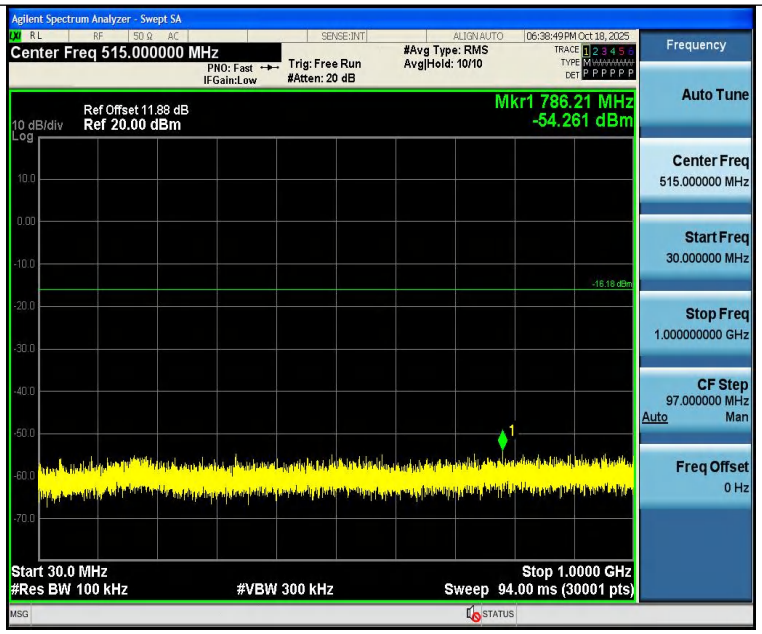


3DH5-Ant1-2402-1000~26500-PASS

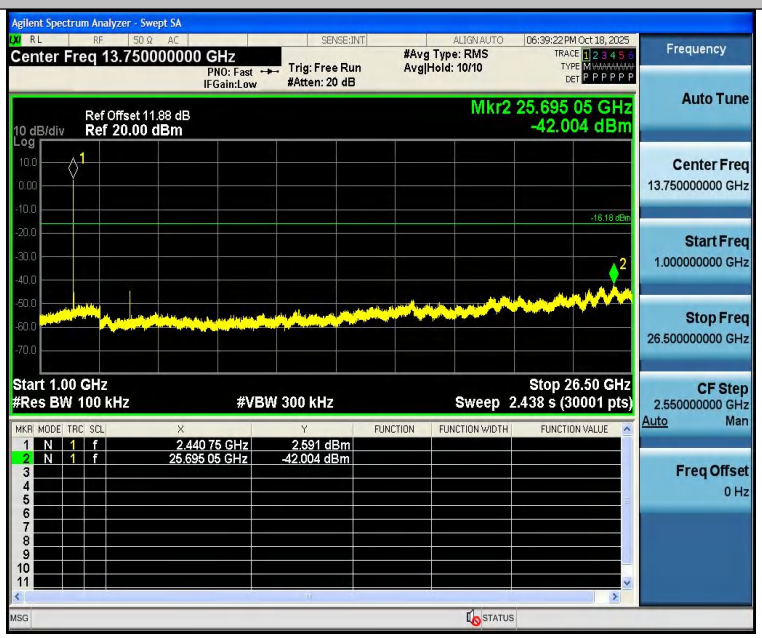


3DH5-Ant1-2441-0~Reference-PASS

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

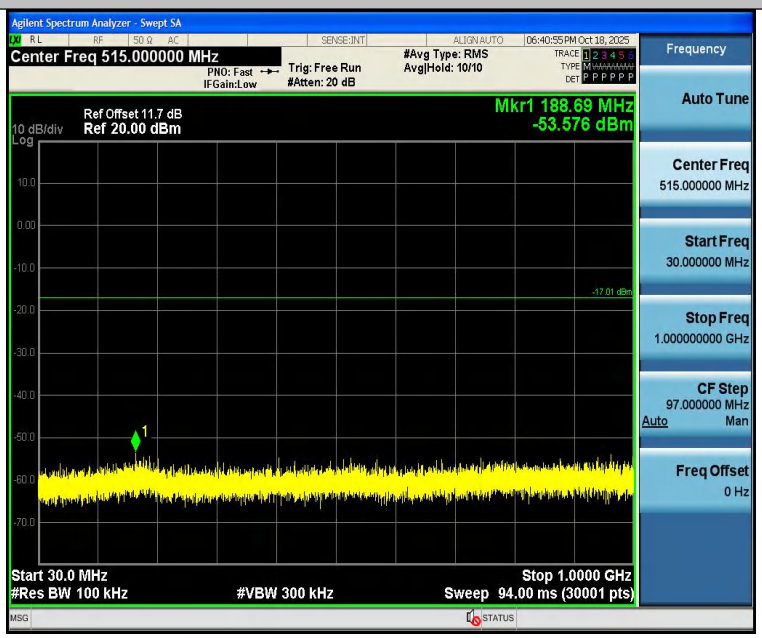


3DH5-Ant1-2441-1000~26500-PASS

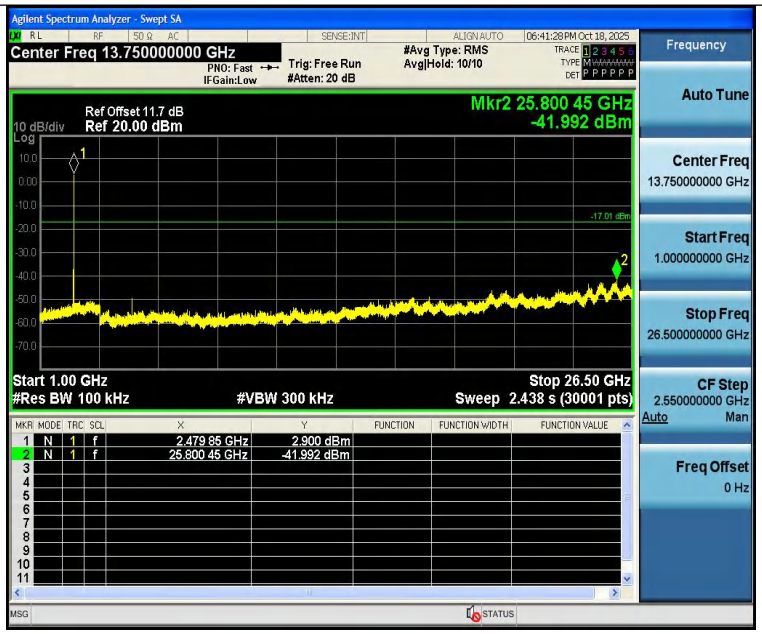


3DH5-Ant1-2480-0~Reference-PASS

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
06:41:28 PM Oct 18, 2025
Ref Offset 11.7 dB
10 dB/div
Ref 20.00 dBm
Log
Mkr2 25.800 45 GHz
-41.992 dBm
-17.01 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 2.479 85 GHz 2.900 dBm
2 N 1 f 25.800 45 GHz -41.992 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.

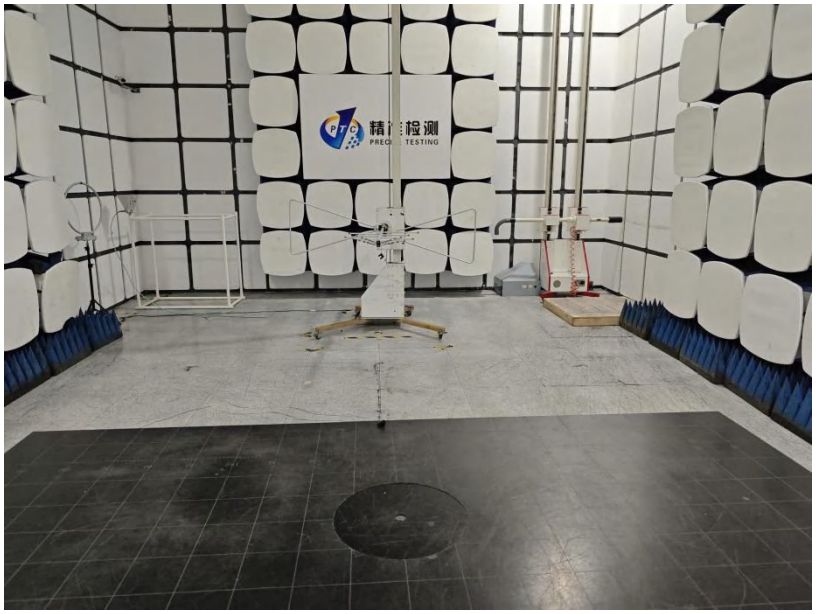
14.2 Antenna Connected Construction

The antenna is Ceramic antenna which permanently attached, and the best case gain of the antenna is 1.7 dBi. It complies with the standard requirement.

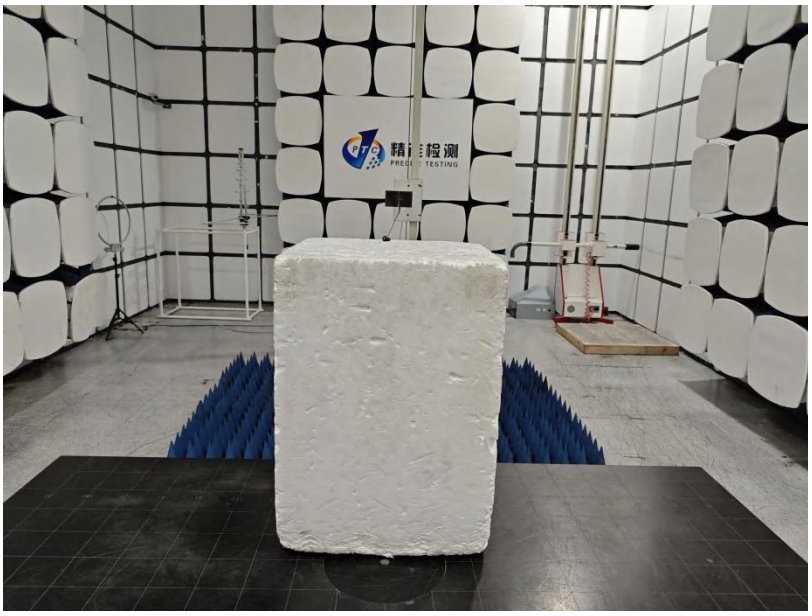
15 APPENDIX I -- TEST SETUP PHOTOGRAPH

Conducted Emissions

Radiated Emissions
From 30M-1GHz

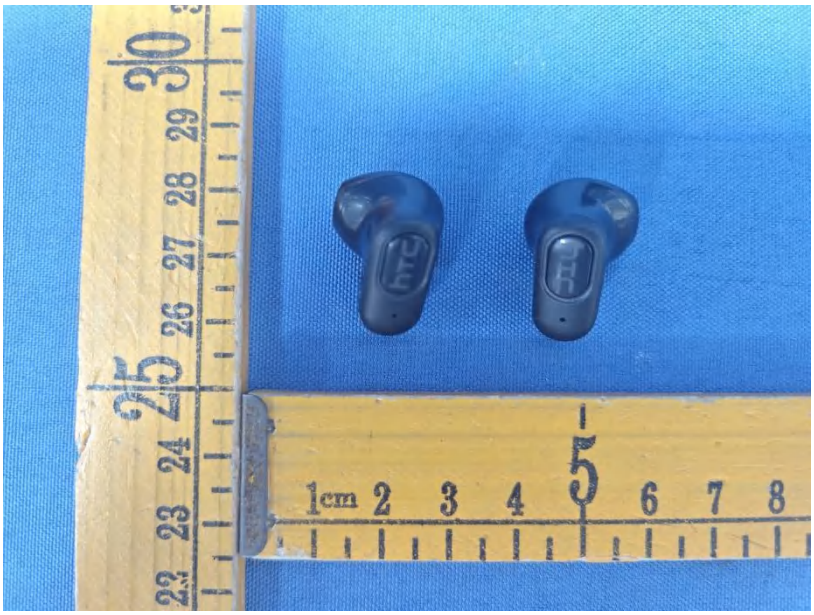


Above 1GHz

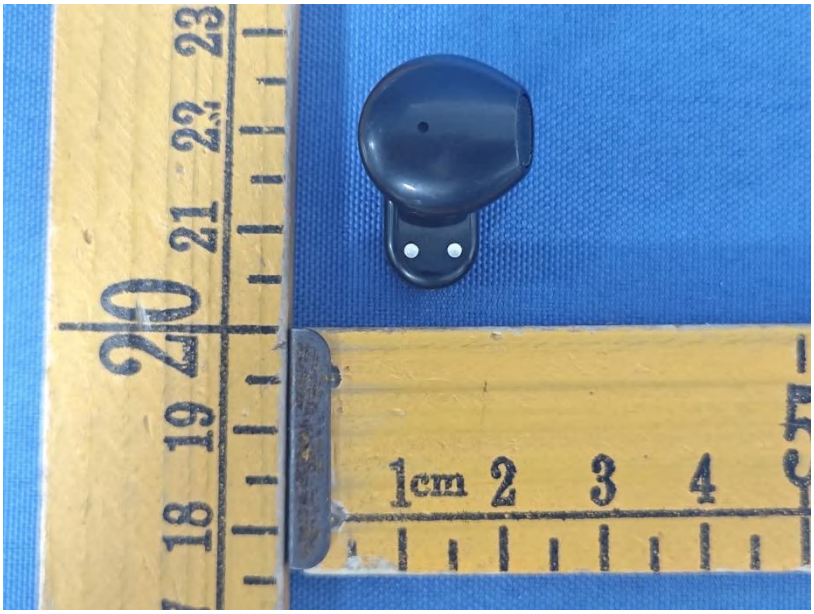


16 APPENDIX II -- EUT PHOTOGRAPH

htc



L:

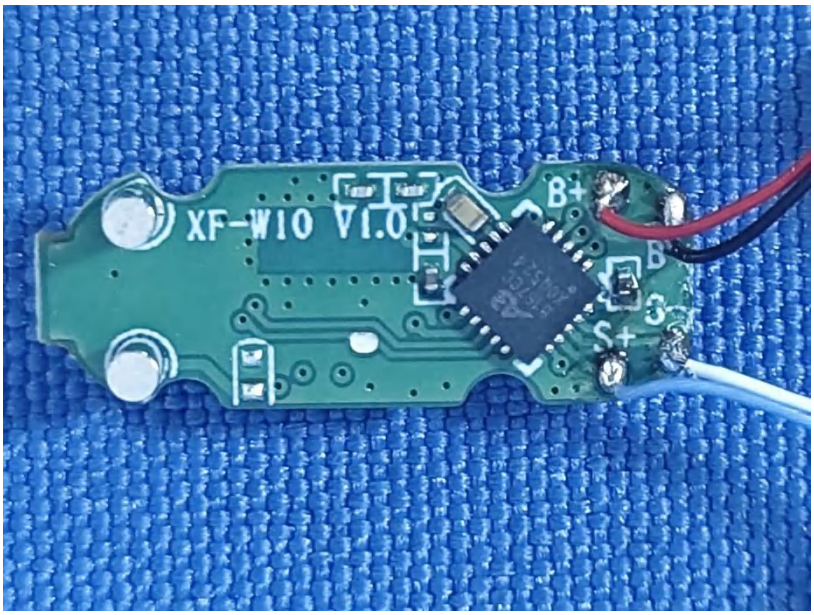


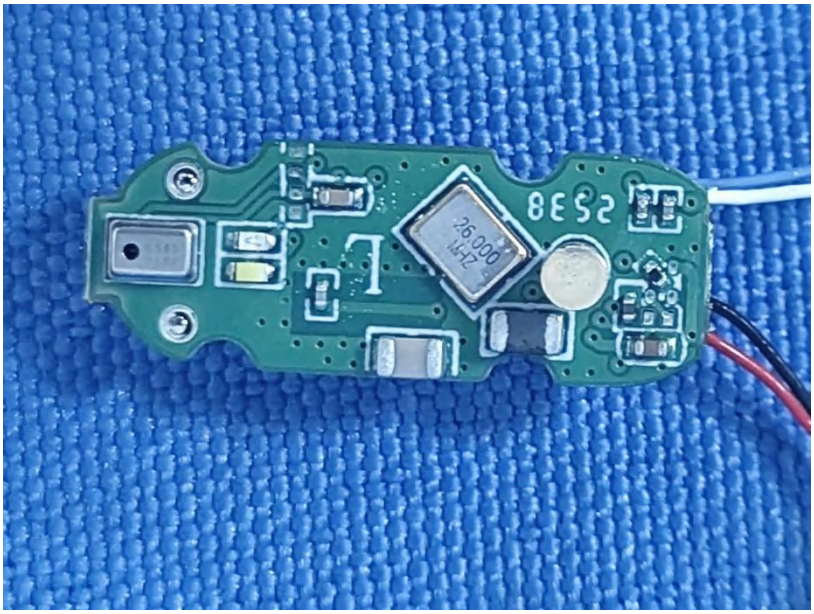
1cm 2 3 4

1cm 2 3 4

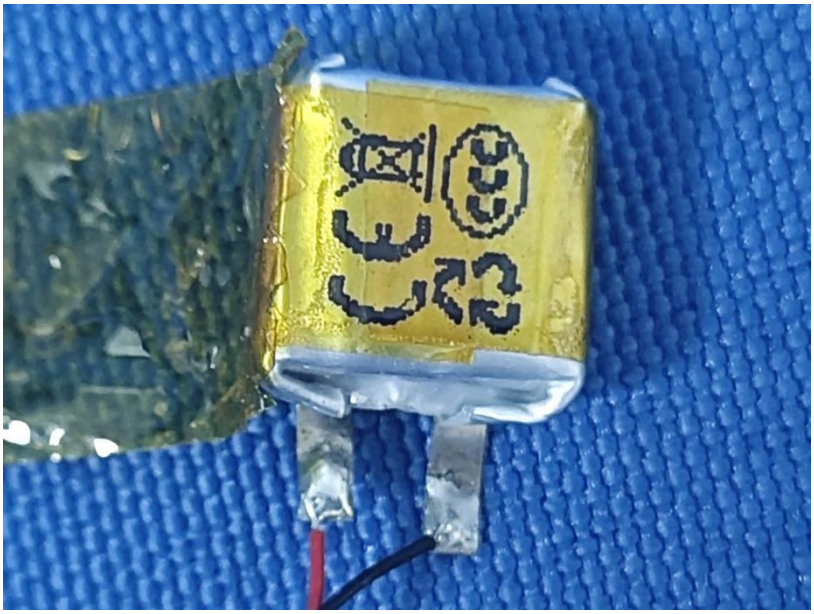
hTC
1cm 2 3 4 5

hTC
1cm 2 3 4 5

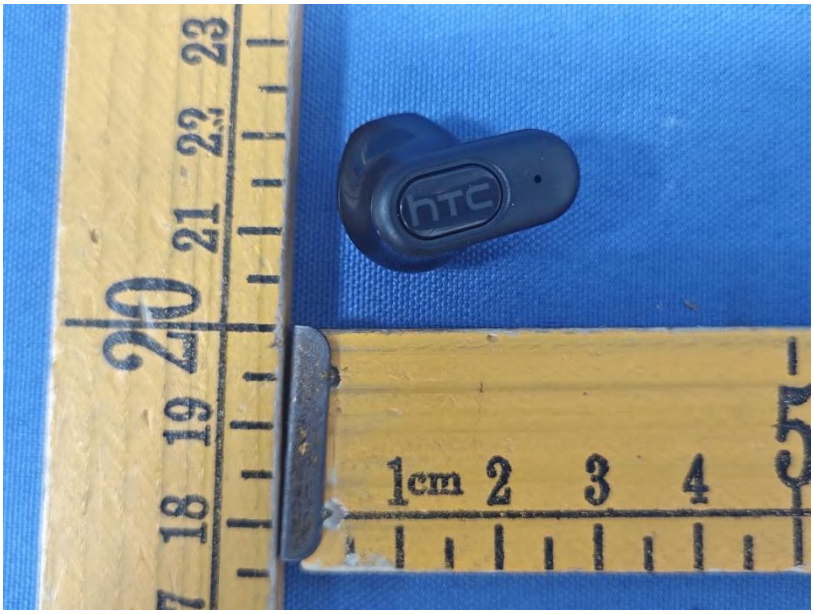

XF-W10 V1.0
B+
B
S
S+

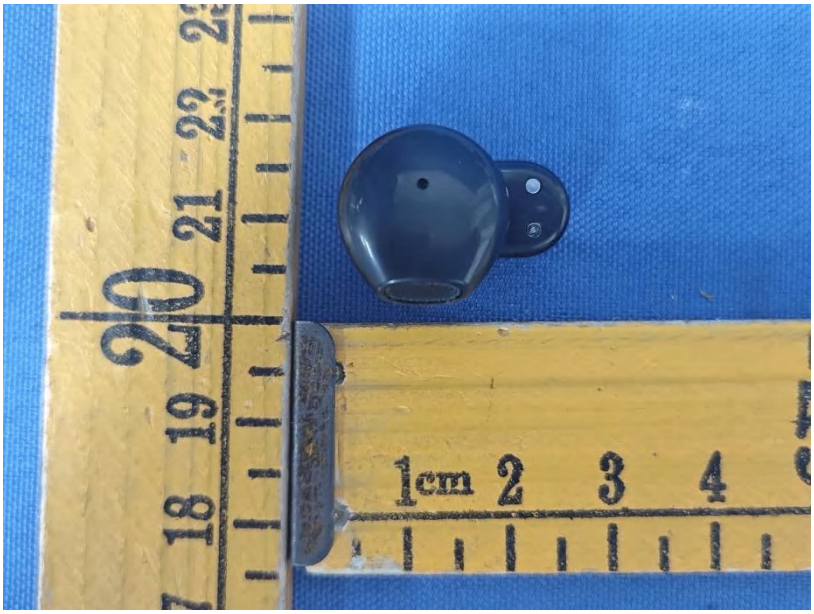

26.000
MHZ
2538

-SY 450909
+3.7V 30mAh
0.111Wh 2508

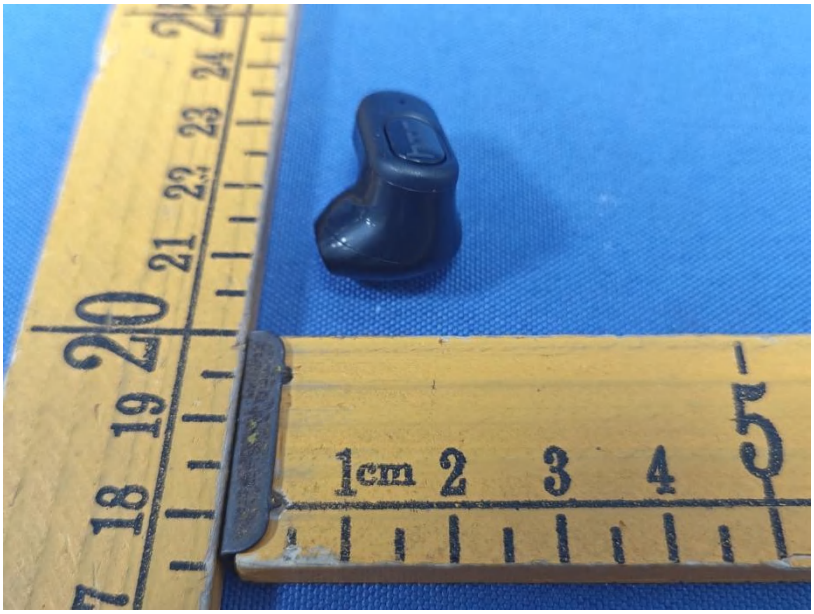


R:

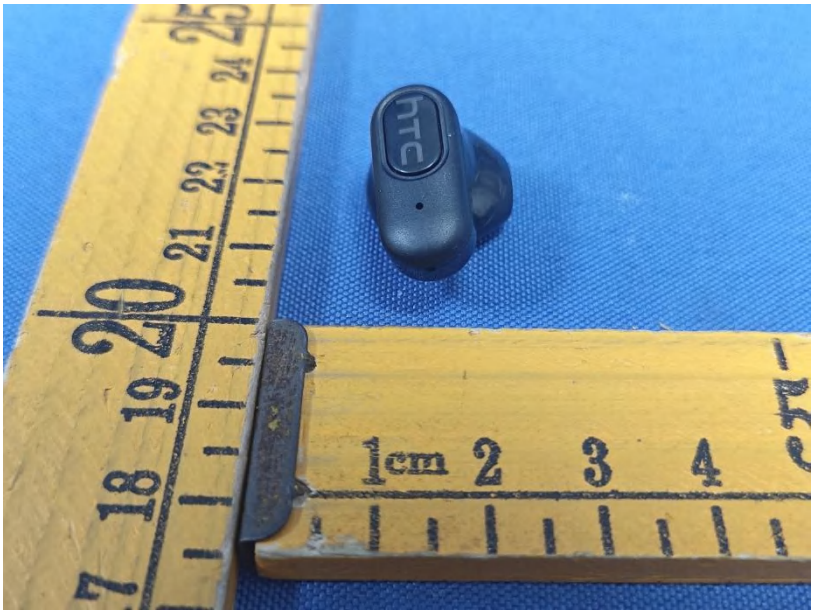


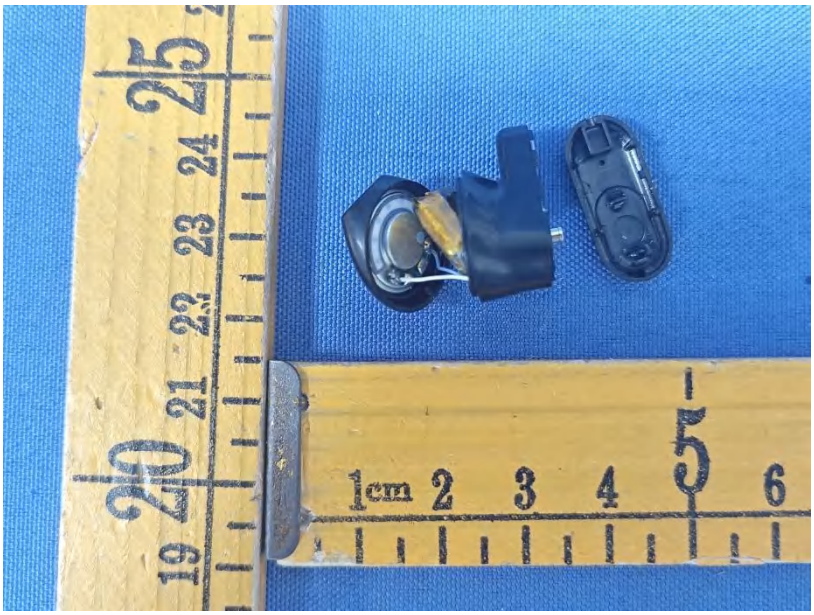

1cm 2 3 4

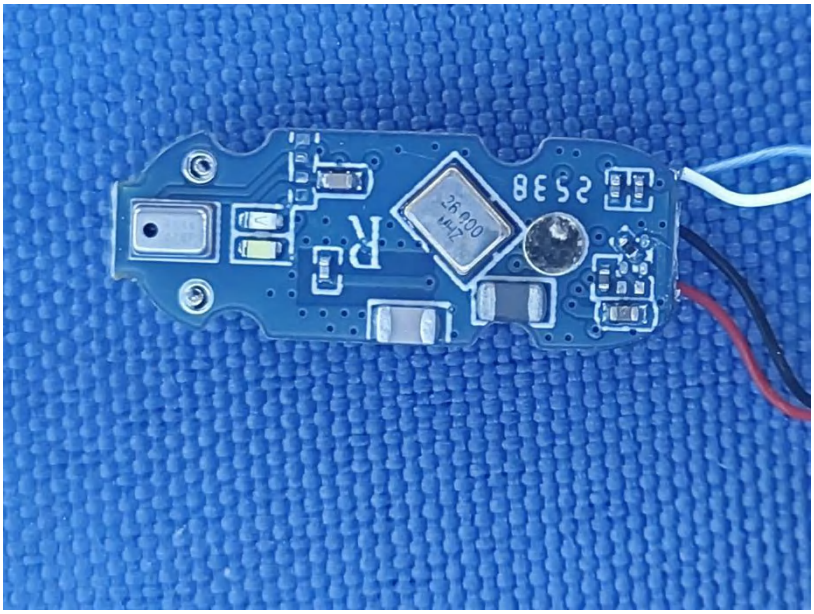
1cm 2 3 4

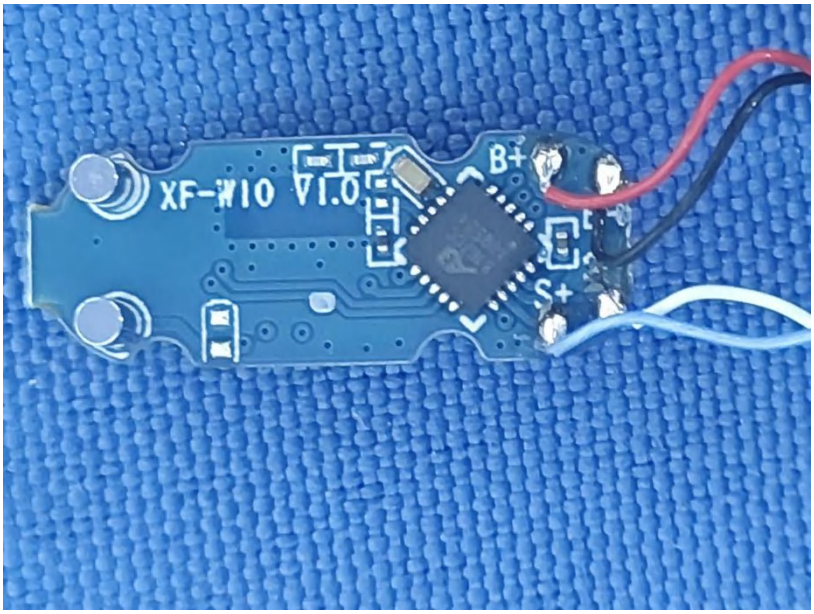

1cm 2 3 4 5

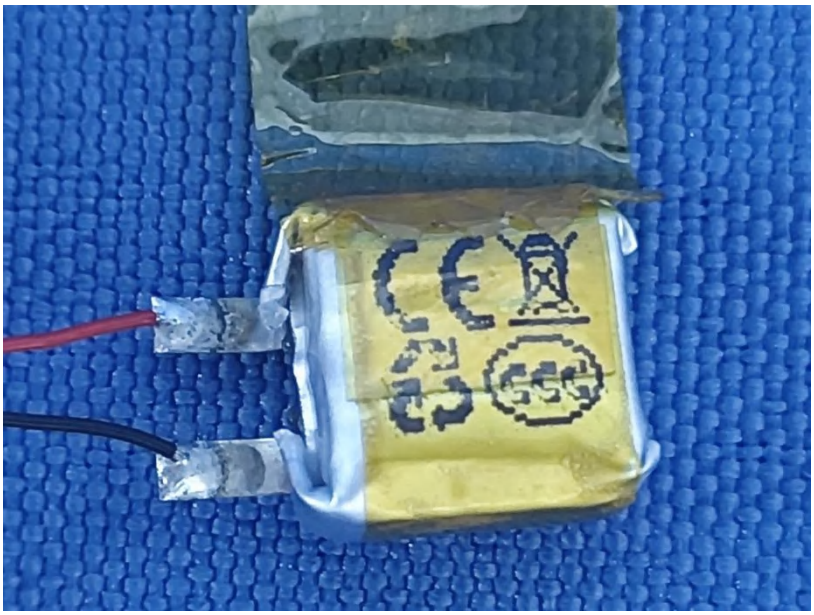
htc
1cm 2 3 4 5


htc
1cm 2 3 4


1cm 2 3 4 5 6


2538
26.000
MHz


XF-W10 V1.0
B+
S+



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