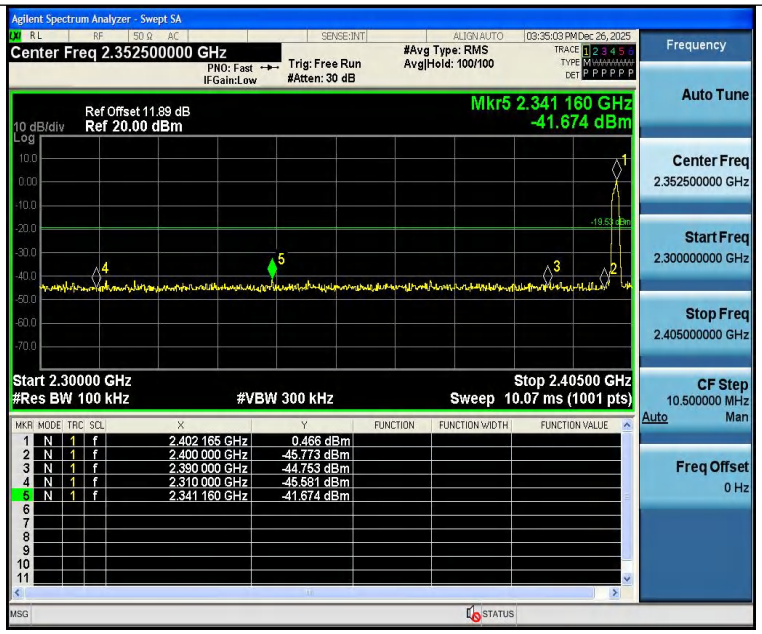
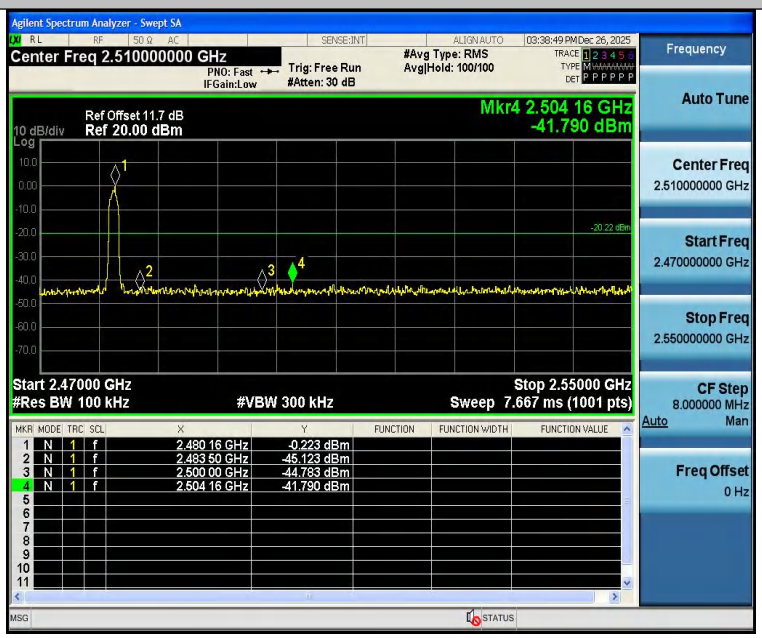
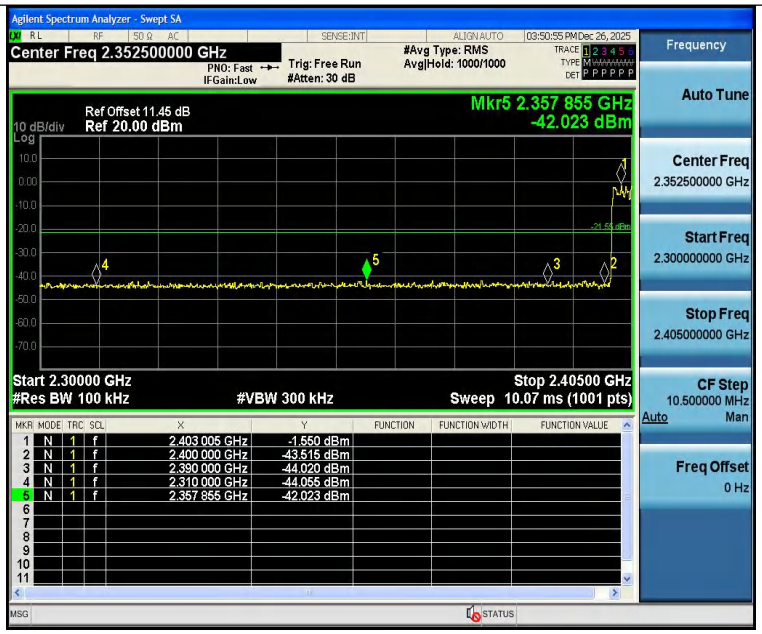


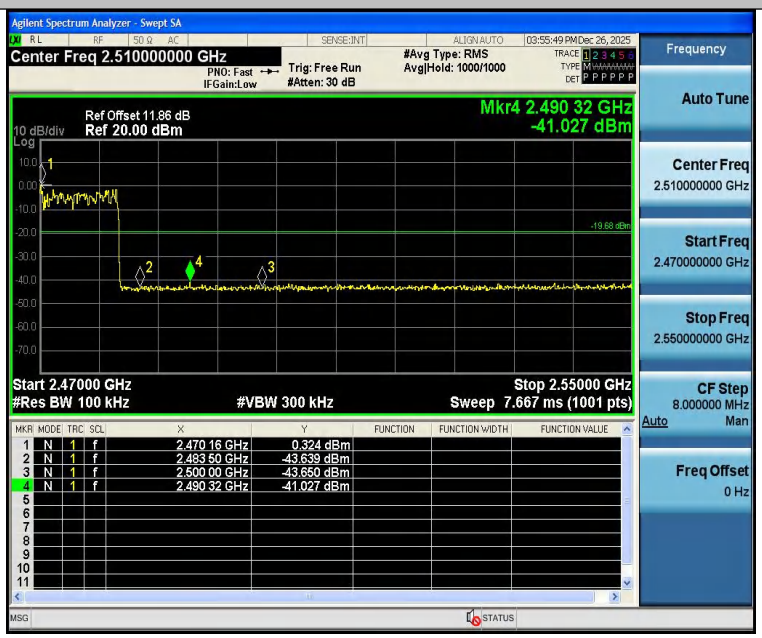
2DH5-Ant1-2480-PASS



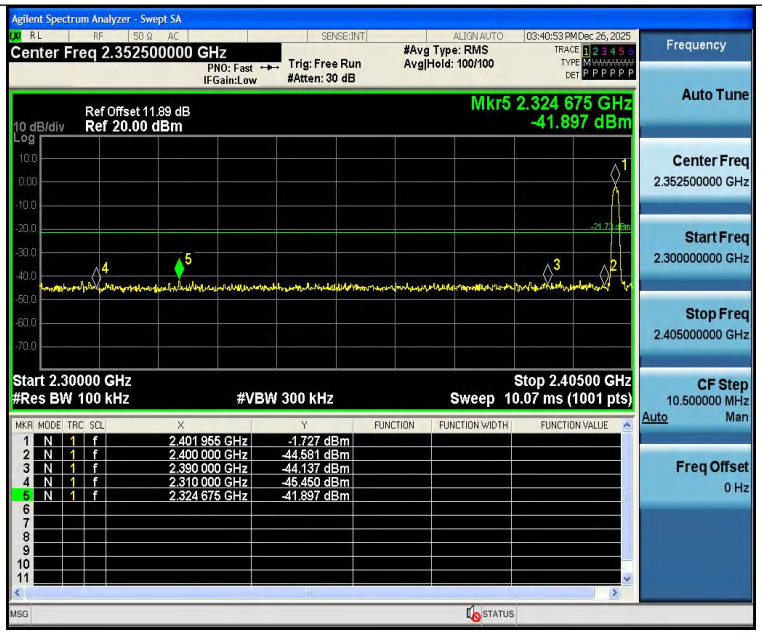
2DH5-Ant1-Hop_2402-PASS



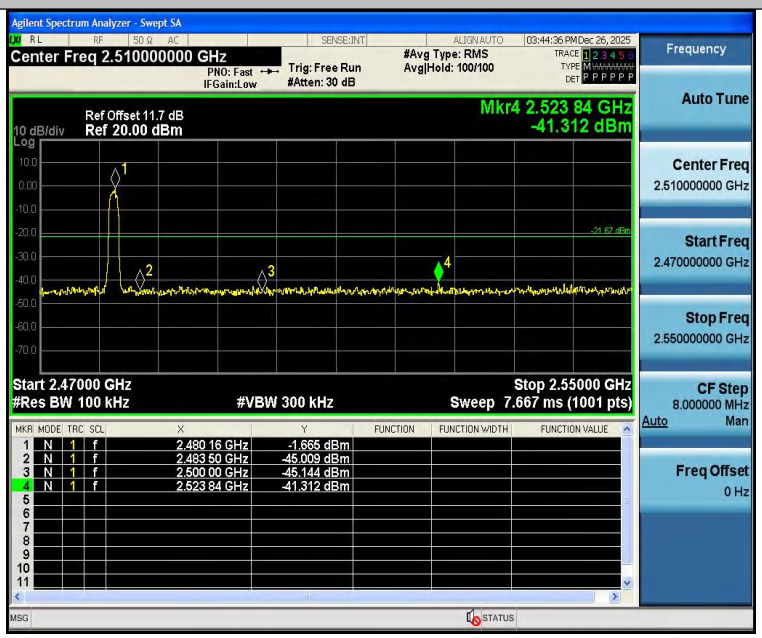
2DH5-Ant1-Hop_2480-PASS



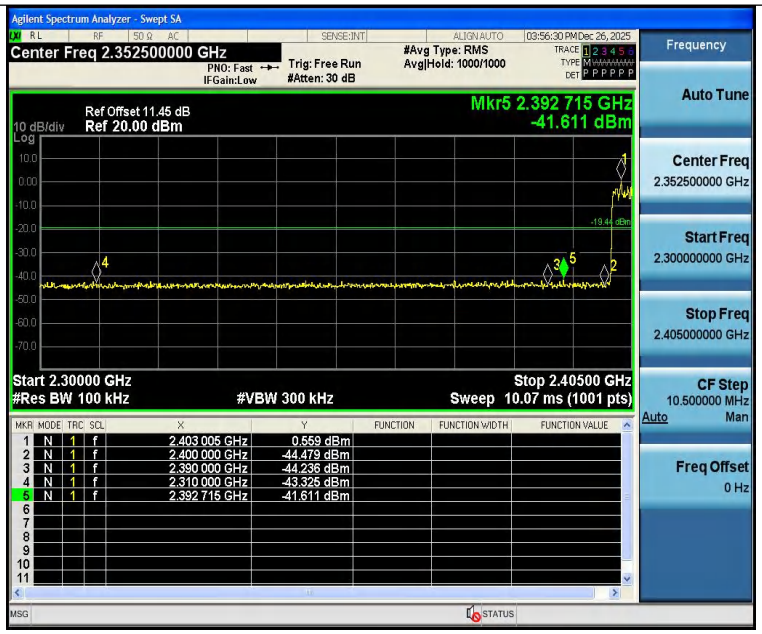
3DH5-Ant1-2402-PASS



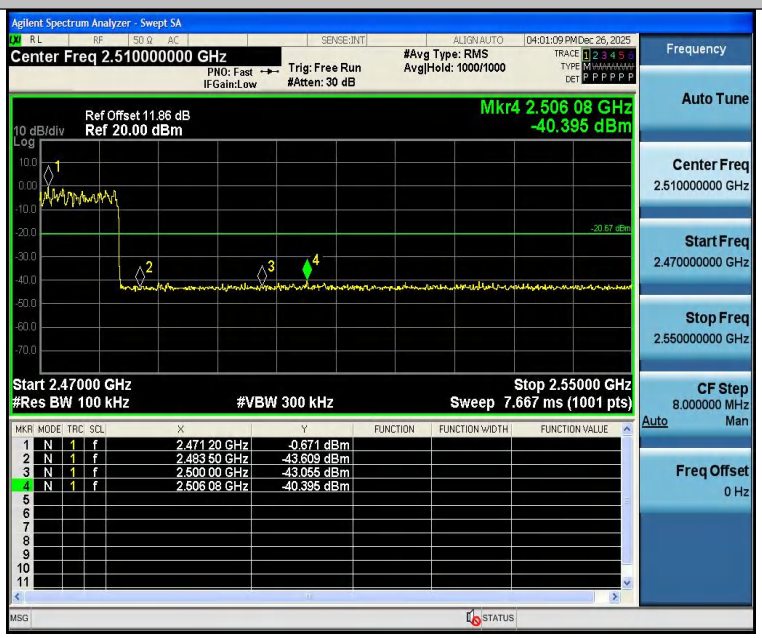
3DH5-Ant1-2480-PASS



3DH5-Ant1-Hop_2402-PASS



3DH5-Ant1-Hop_2480-PASS



Conducted Emission Method

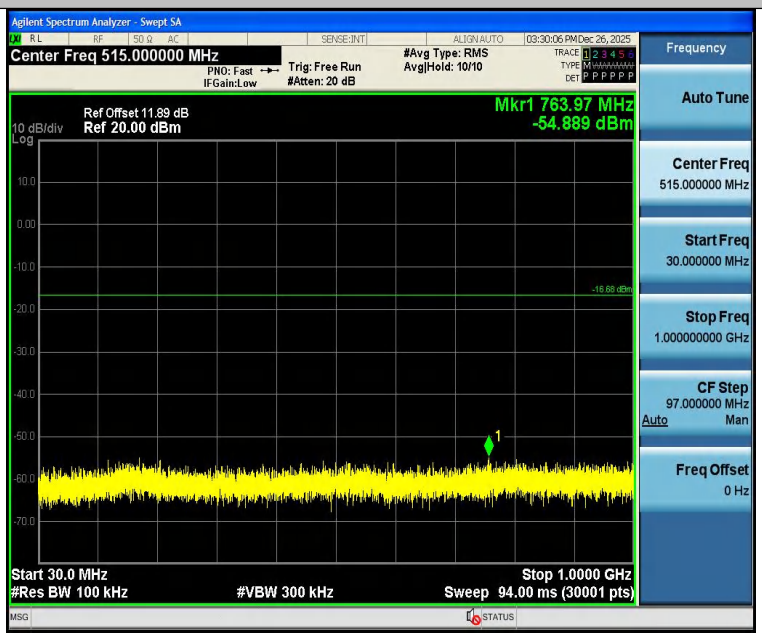
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	3.32	3.32	---	PASS
DH5	Ant1	2402	30~1000	3.32	-54.89	≤-16.68	PASS
DH5	Ant1	2402	1000~26500	3.32	-41.85	≤-16.68	PASS
DH5	Ant1	2441	0~Reference	3.05	3.05	---	PASS
DH5	Ant1	2441	30~1000	3.05	-54.15	≤-16.95	PASS
DH5	Ant1	2441	1000~26500	3.05	-40.92	≤-16.95	PASS
DH5	Ant1	2480	0~Reference	3.09	3.09	---	PASS
DH5	Ant1	2480	30~1000	3.09	-54.63	≤-16.91	PASS
DH5	Ant1	2480	1000~26500	3.09	-42.16	≤-16.91	PASS
2DH5	Ant1	2402	0~Reference	0.28	0.28	---	PASS
2DH5	Ant1	2402	30~1000	0.28	-55.17	≤-19.72	PASS
2DH5	Ant1	2402	1000~26500	0.28	-42.44	≤-19.72	PASS
2DH5	Ant1	2441	0~Reference	-0.99	-0.99	---	PASS
2DH5	Ant1	2441	30~1000	-0.99	-54.46	≤-20.99	PASS
2DH5	Ant1	2441	1000~26500	-0.99	-42.54	≤-20.99	PASS
2DH5	Ant1	2480	0~Reference	-0.49	-0.49	---	PASS
2DH5	Ant1	2480	30~1000	-0.49	-55.08	≤-20.49	PASS
2DH5	Ant1	2480	1000~26500	-0.49	-41.61	≤-20.49	PASS
3DH5	Ant1	2402	0~Reference	-0.94	-0.94	---	PASS
3DH5	Ant1	2402	30~1000	-0.94	-54.45	≤-20.94	PASS
3DH5	Ant1	2402	1000~26500	-0.94	-41.32	≤-20.94	PASS
3DH5	Ant1	2441	0~Reference	0.49	0.49	---	PASS
3DH5	Ant1	2441	30~1000	0.49	-54.65	≤-19.51	PASS
3DH5	Ant1	2441	1000~26500	0.49	-42.31	≤-19.51	PASS
3DH5	Ant1	2480	0~Reference	-0.73	-0.73	---	PASS
3DH5	Ant1	2480	30~1000	-0.73	-55.1	≤-20.73	PASS
3DH5	Ant1	2480	1000~26500	-0.73	-41.55	≤-20.73	PASS

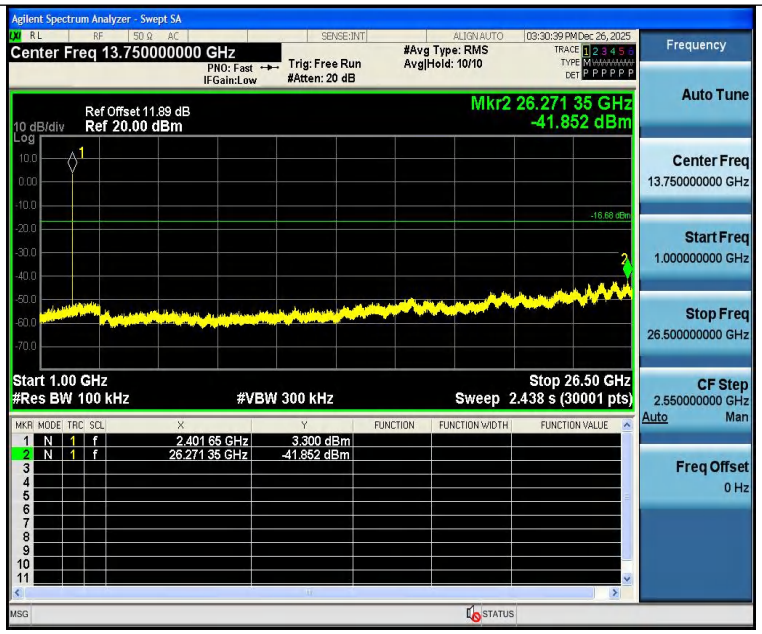
Test Graphs:

DH5-Ant1-2402-0~Reference-PASS

DH5-Ant1-2402-30~1000-PASS

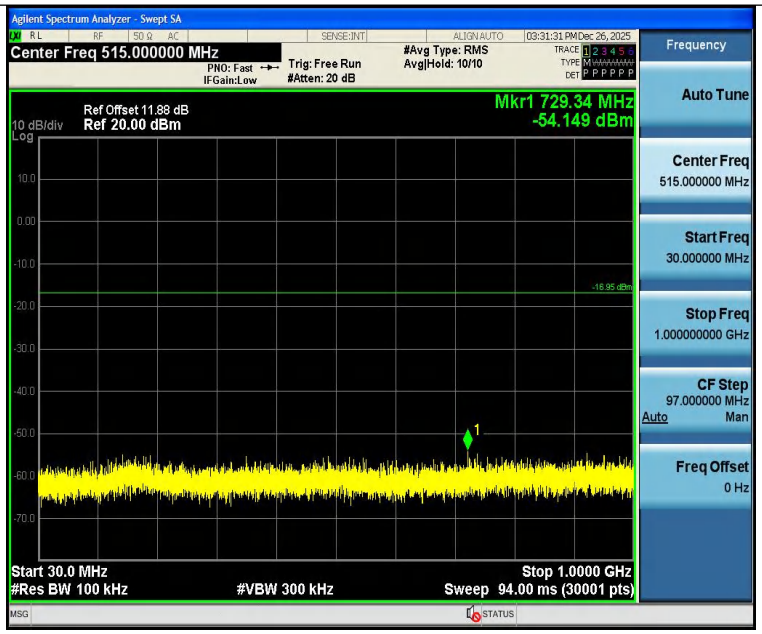


DH5-Ant1-2402-1000~26500-PASS

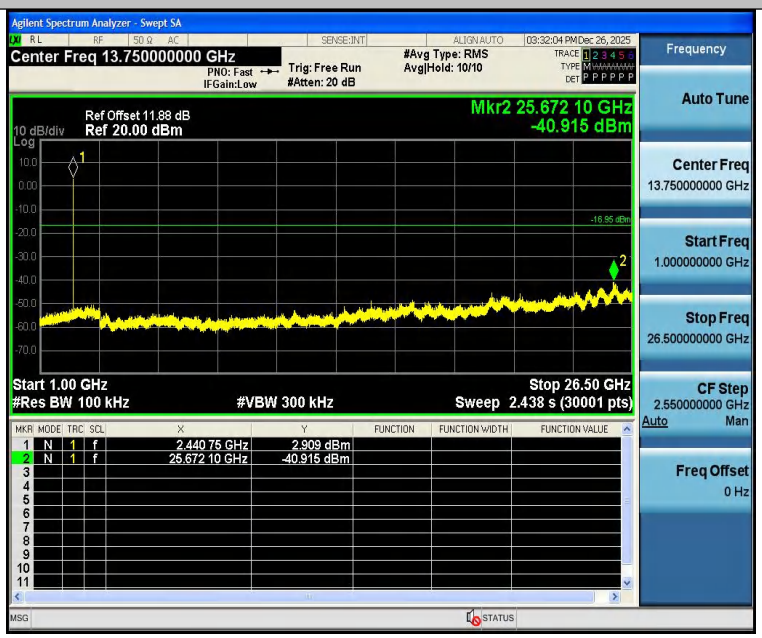


DH5-Ant1-2441-0~Reference-PASS

DH5-Ant1-2441-30~1000-PASS

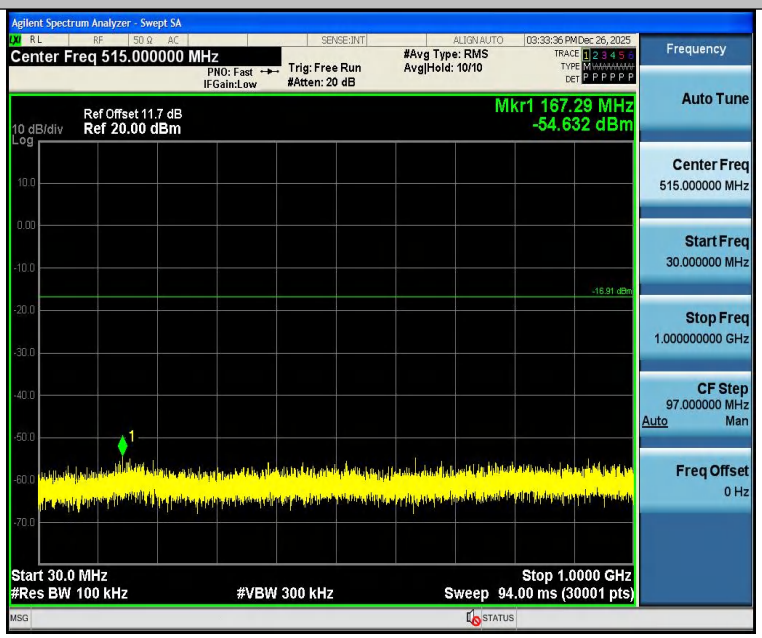


DH5-Ant1-2441-1000~26500-PASS

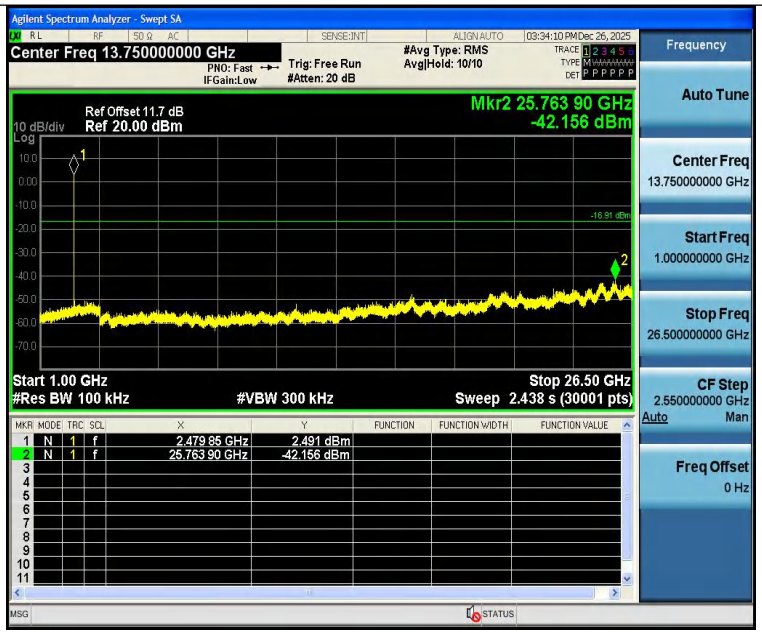


DH5-Ant1-2480-0~Reference-PASS

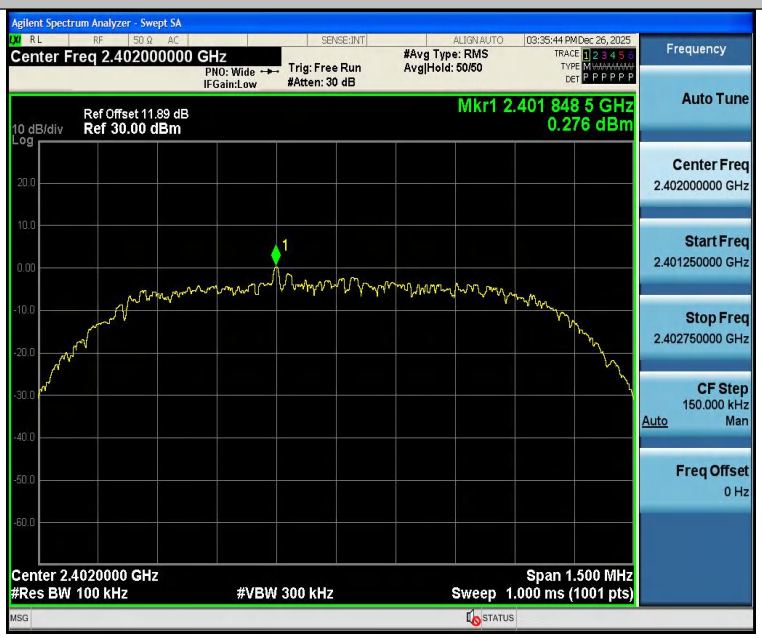
DH5-Ant1-2480-30~1000-PASS



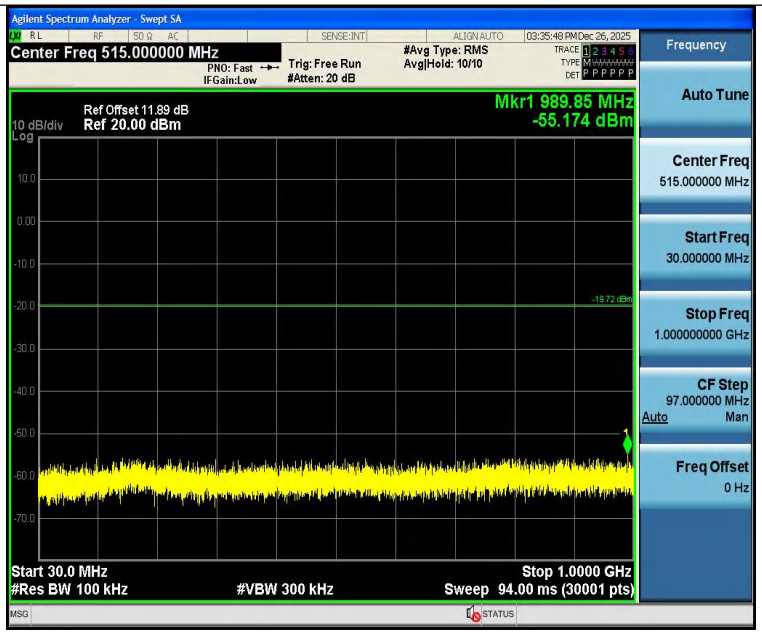
DH5-Ant1-2480-1000~26500-PASS



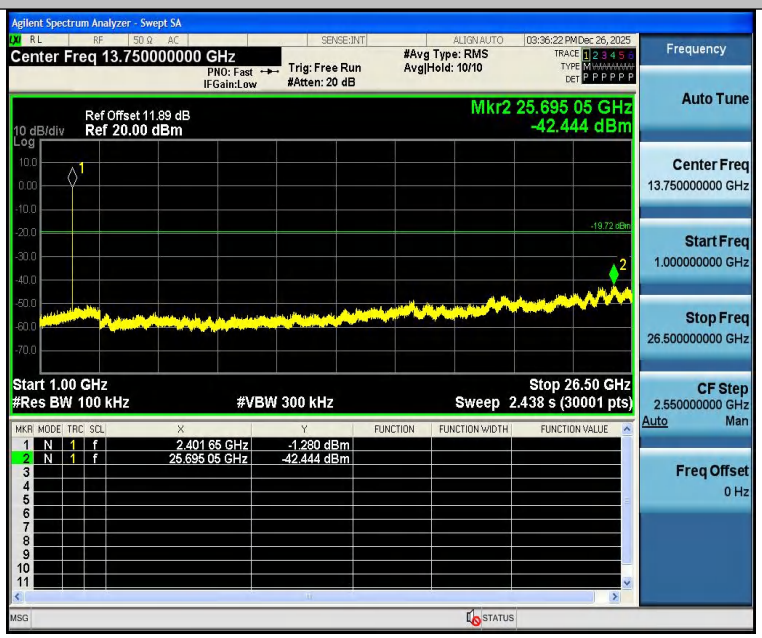
2DH5-Ant1-2402-0~Reference-PASS



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

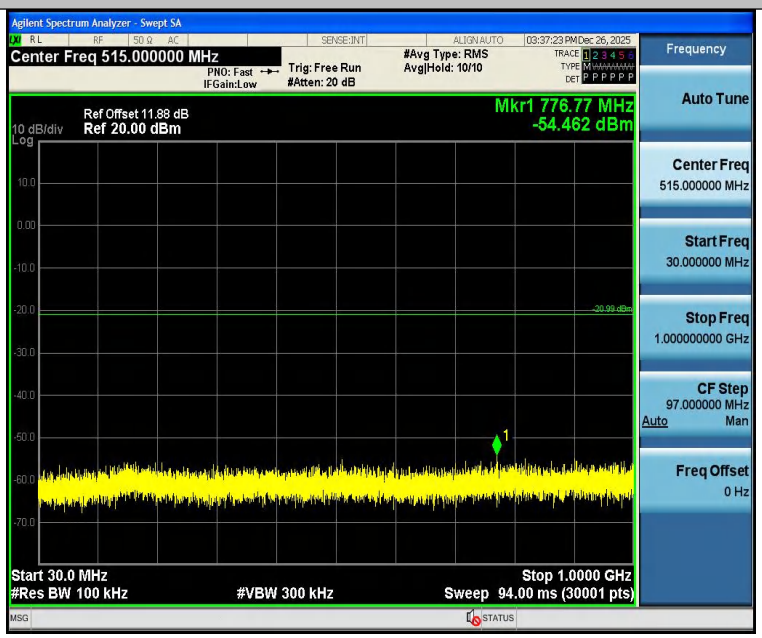


2DH5-Ant1-2402-1000~26500-PASS

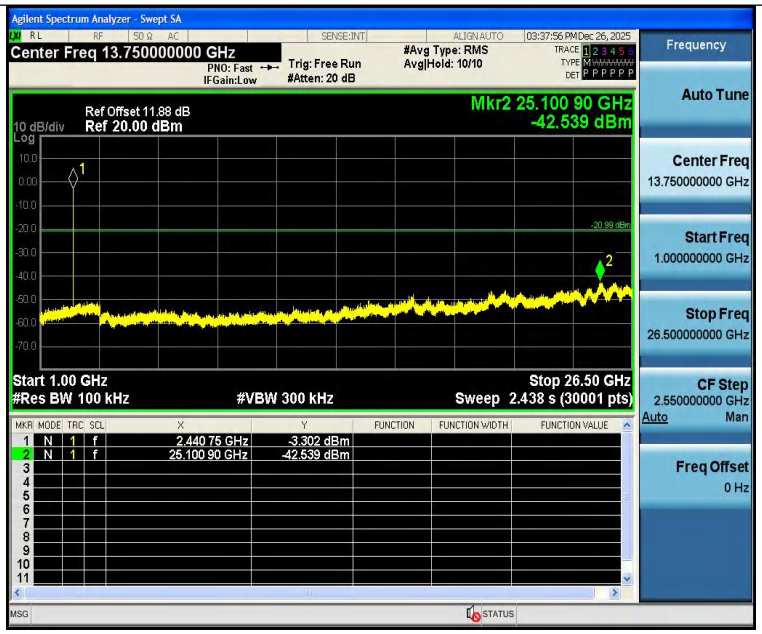


2DH5-Ant1-2441-0~Reference-PASS

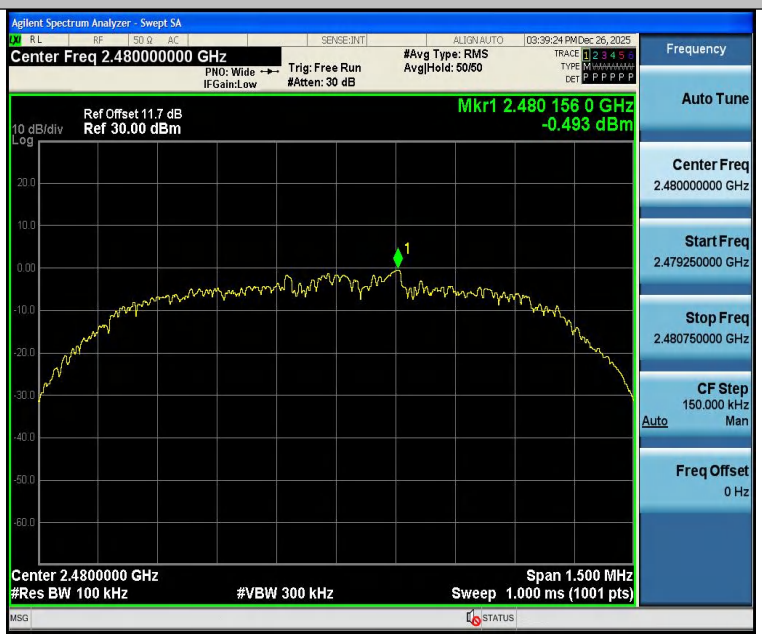
2DH5-Ant1-2441-30~1000-PASS



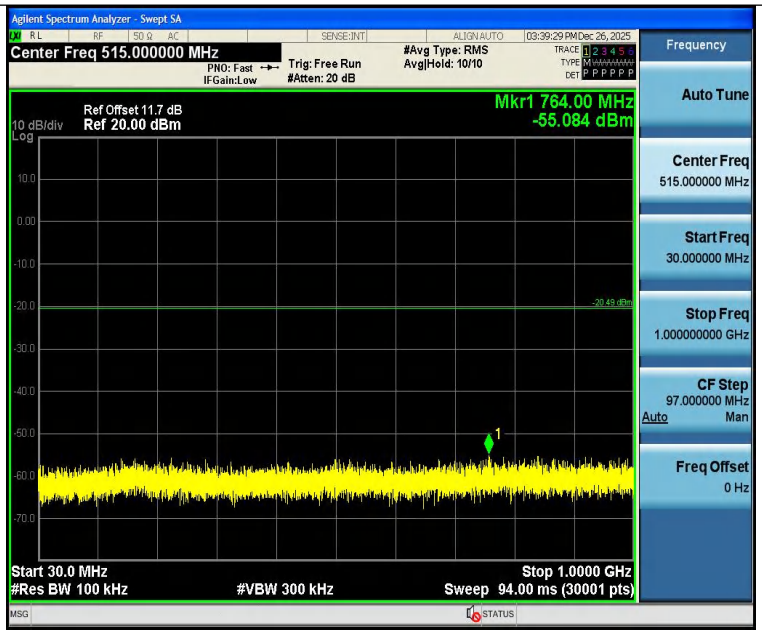
2DH5-Ant1-2441-1000~26500-PASS



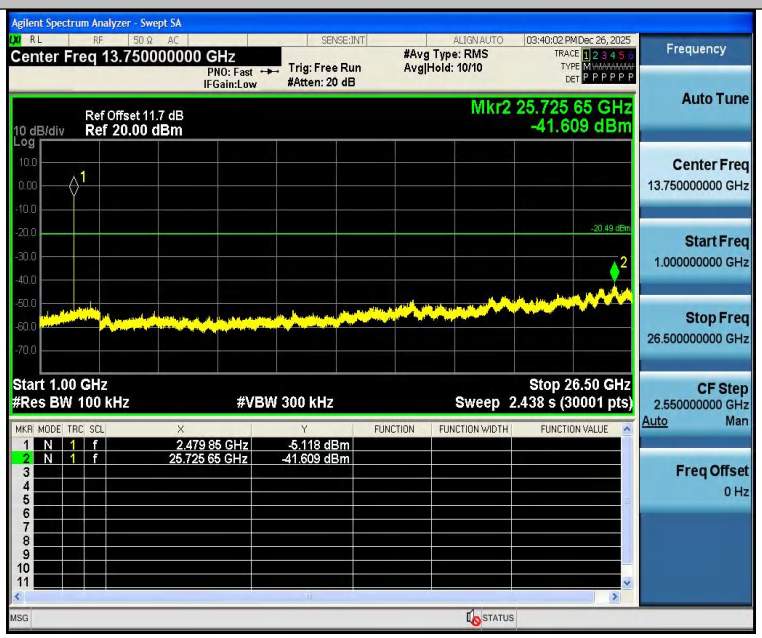
2DH5-Ant1-2480-0~Reference-PASS



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

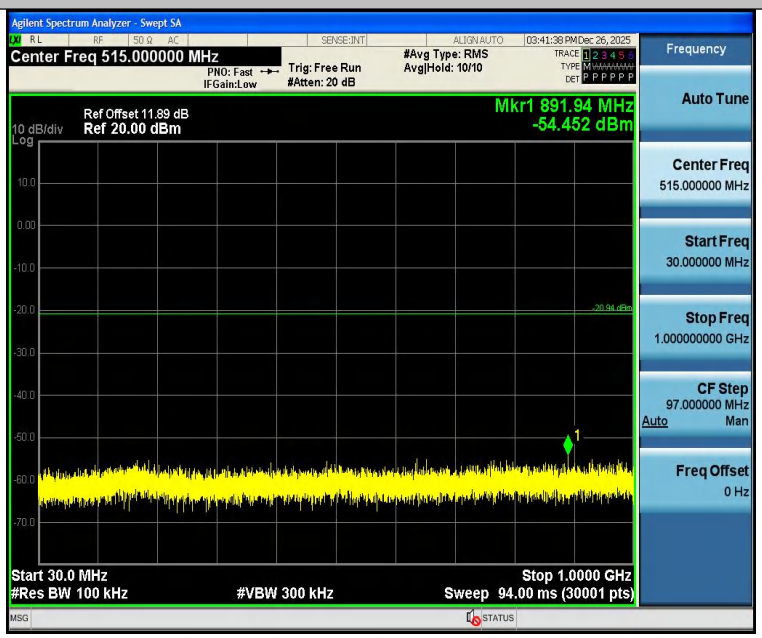


2DH5-Ant1-2480-1000~26500-PASS

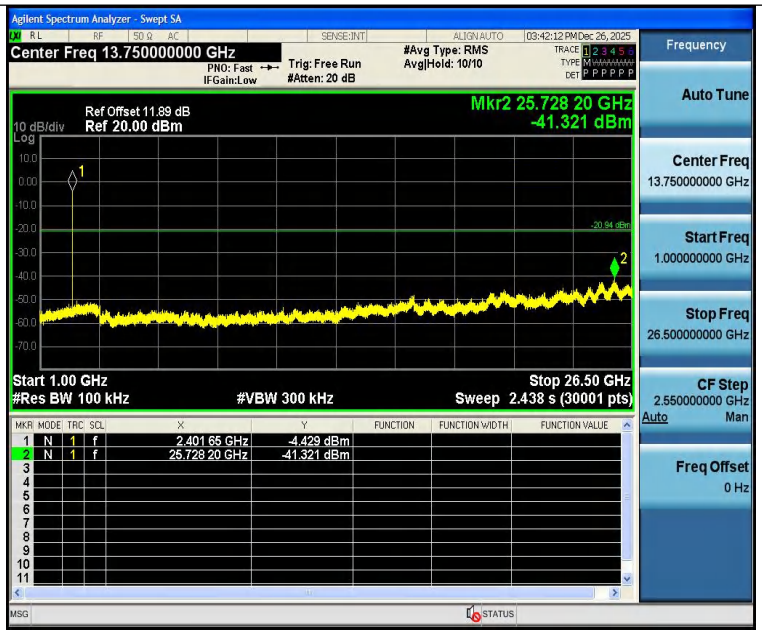


3DH5-Ant1-2402-0~Reference-PASS

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

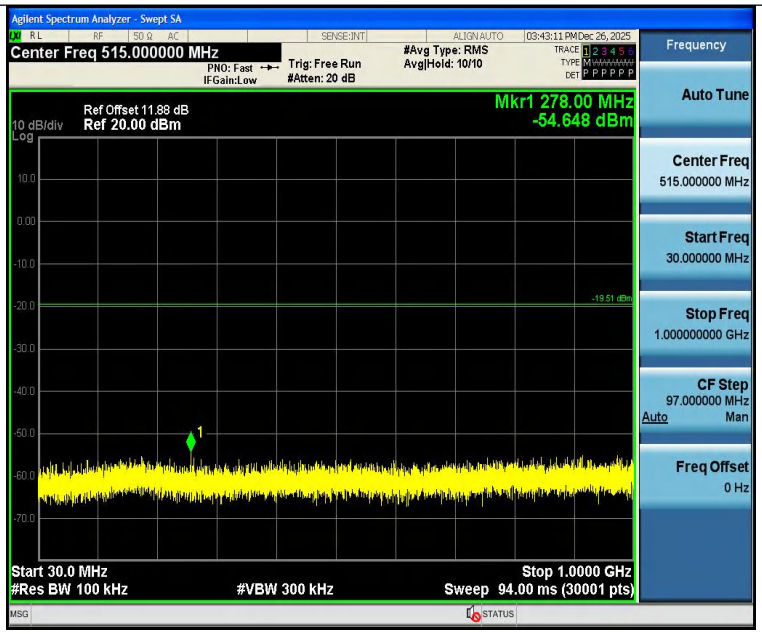


3DH5-Ant1-2402-1000~26500-PASS

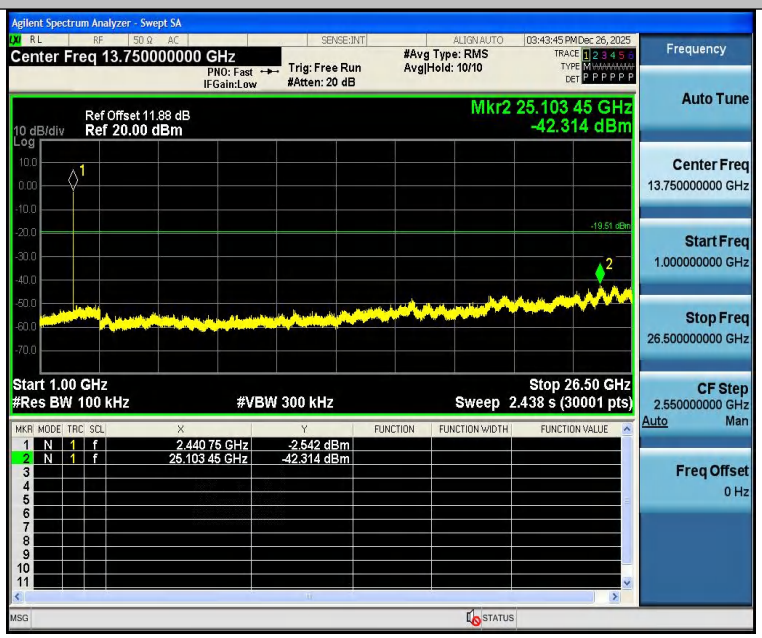


3DH5-Ant1-2441-0~Reference-PASS

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

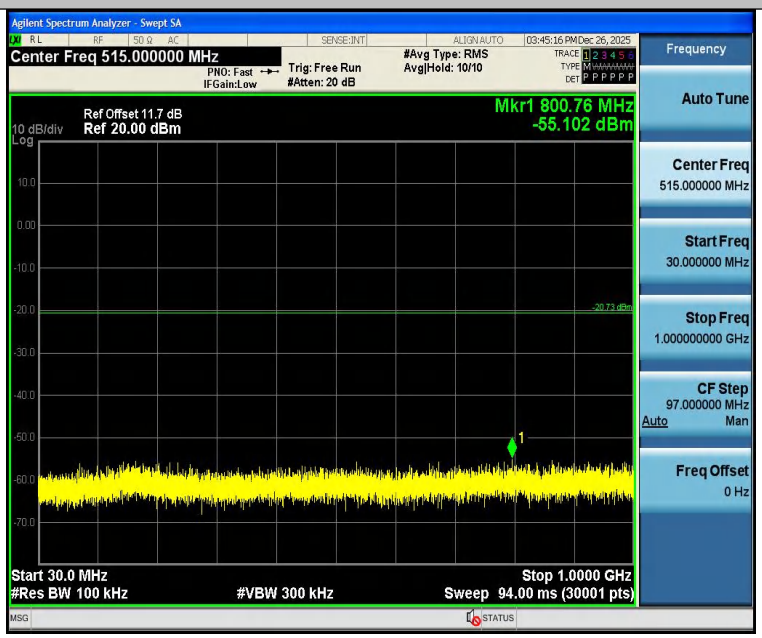


3DH5-Ant1-2441-1000~26500-PASS

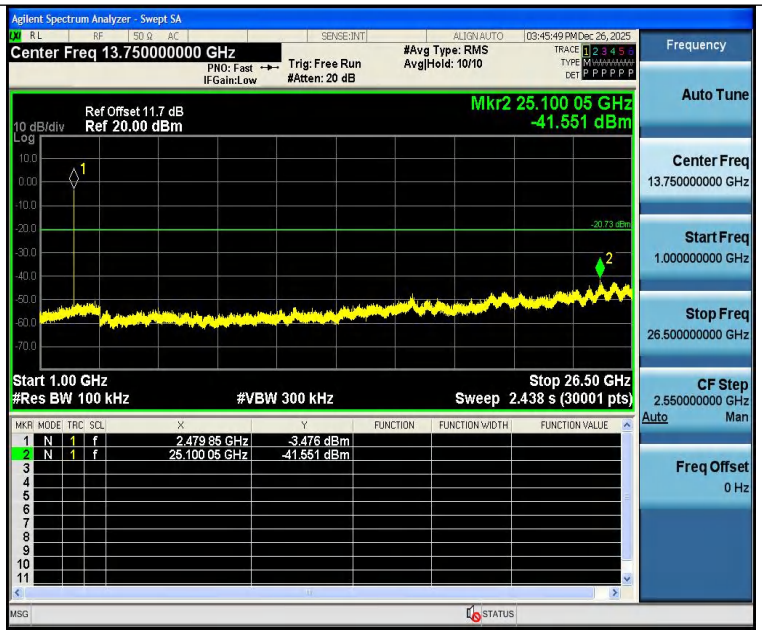


3DH5-Ant1-2480-0~Reference-PASS

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
03:45:49 PM Dec 26, 2025
Ref Offset 11.7 dB
10 dB/div
Ref 20.00 dBm
Log
Mkr2 25.100 05 GHz
-41.551 dBm
-20.73 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 -3.476 dBm
2 N 1 f 25.100 05 GHz -41.551 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

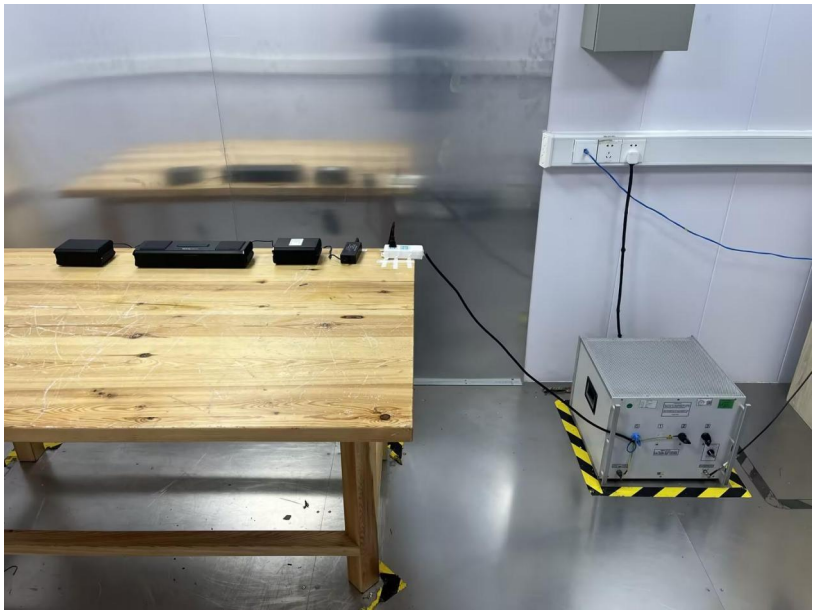
Test Standard	FCC Part15 Section 15.203 /247(c)
Requirement	1) 15.203 requirement: An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses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

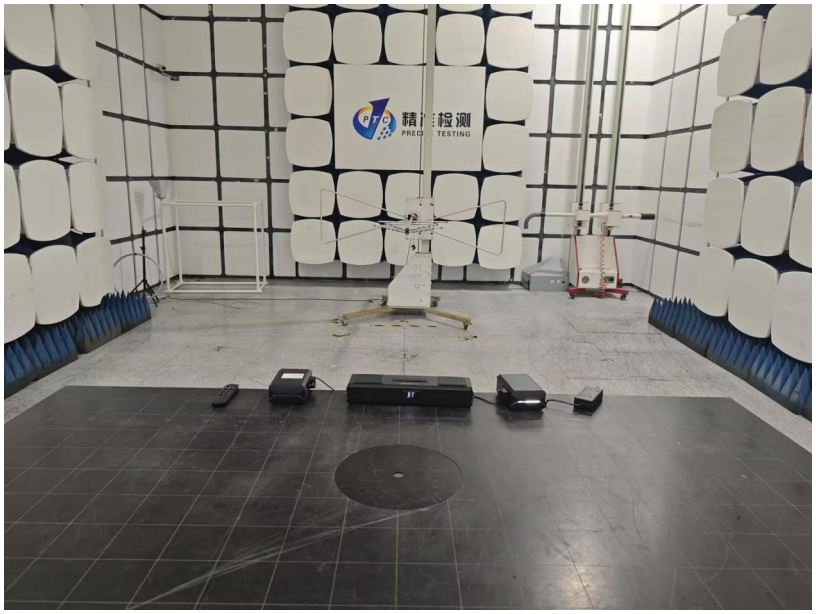
The antenna is PCB antenna which permanently attached, and the best case gain of the antenna is -0.58 dBi. It complies with the standard requirement.

15 APPENDIX I -- TEST SETUP PHOTOGRAPH

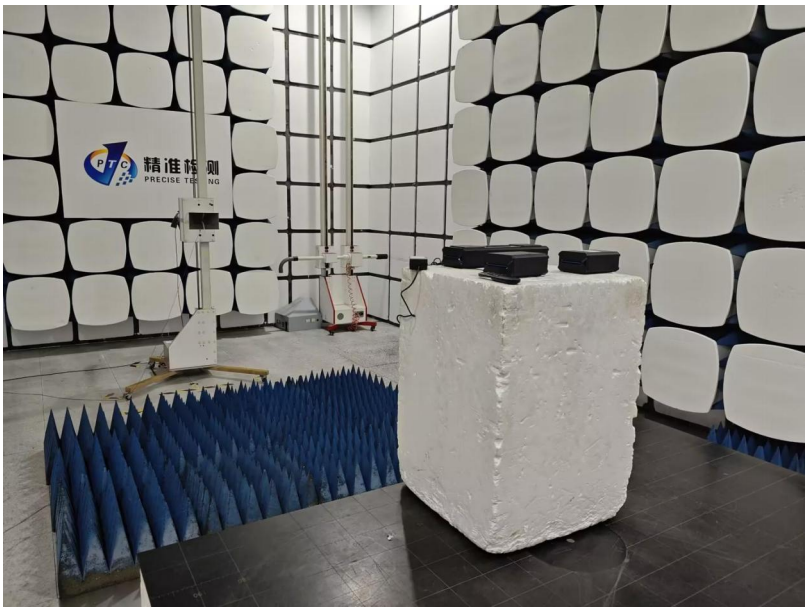
Conducted Emissions



Radiated Emissions
From 30M-1GHz

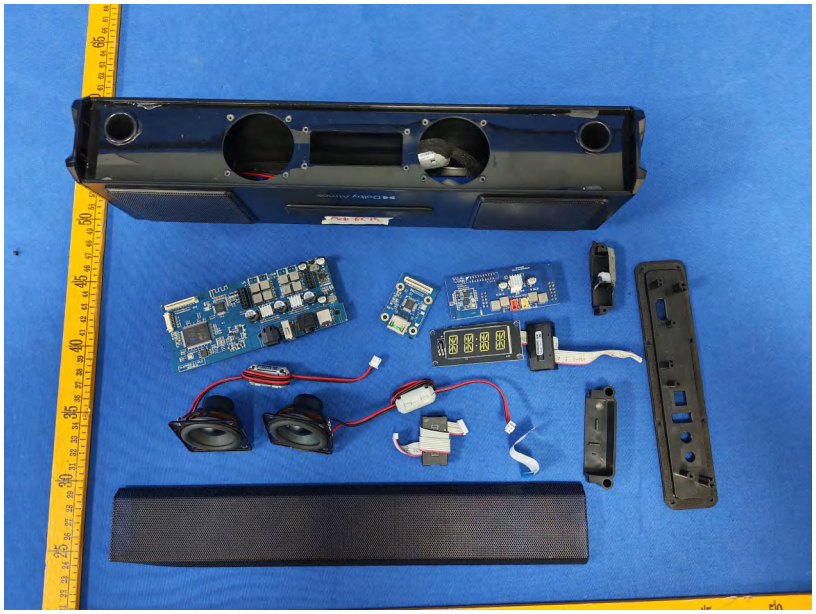


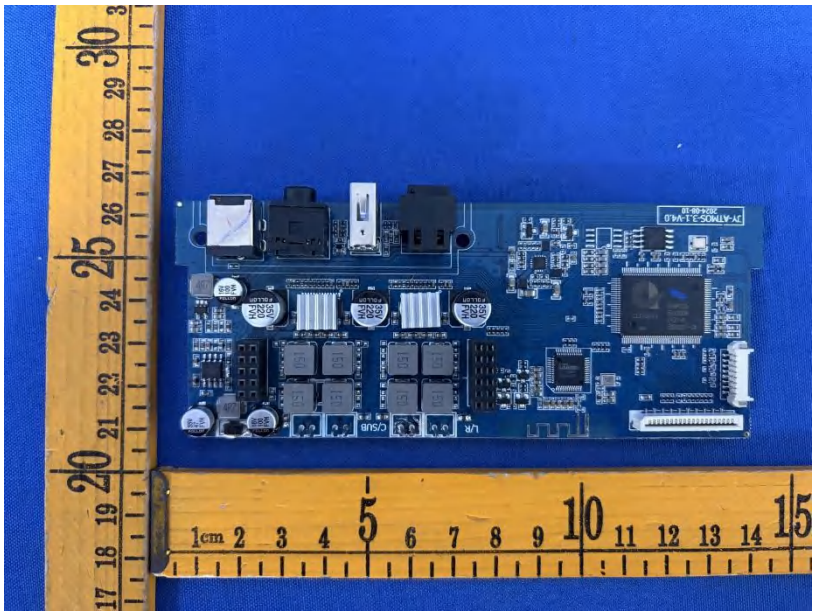
Above 1GHz

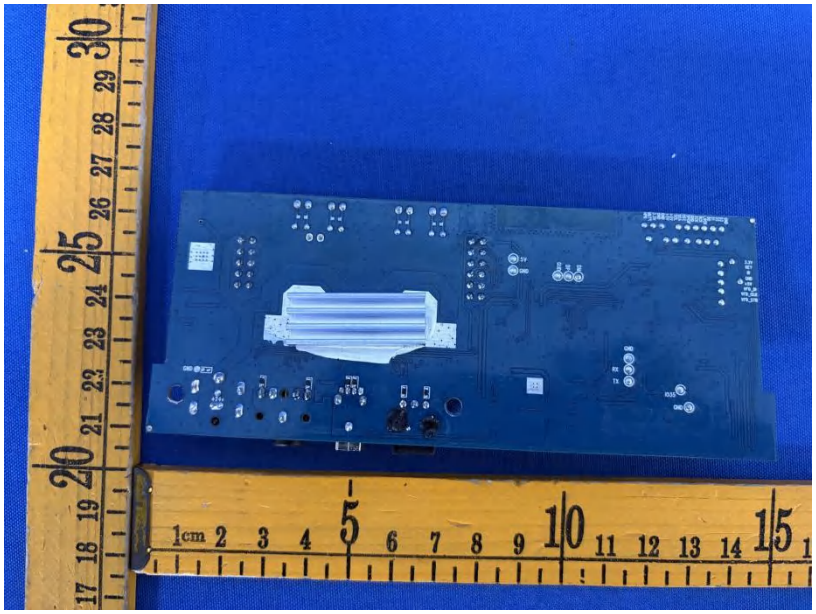


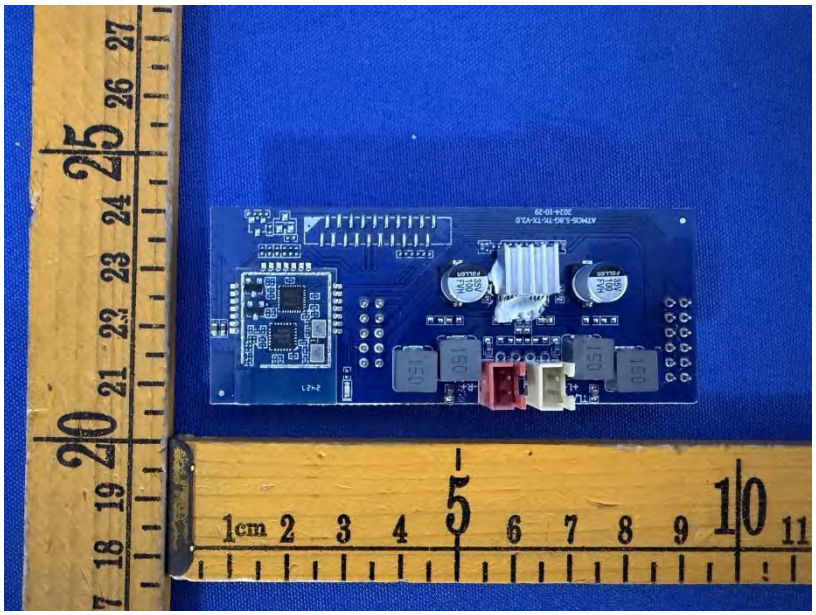
16 APPENDIX II -- EUT PHOTOGRAPH

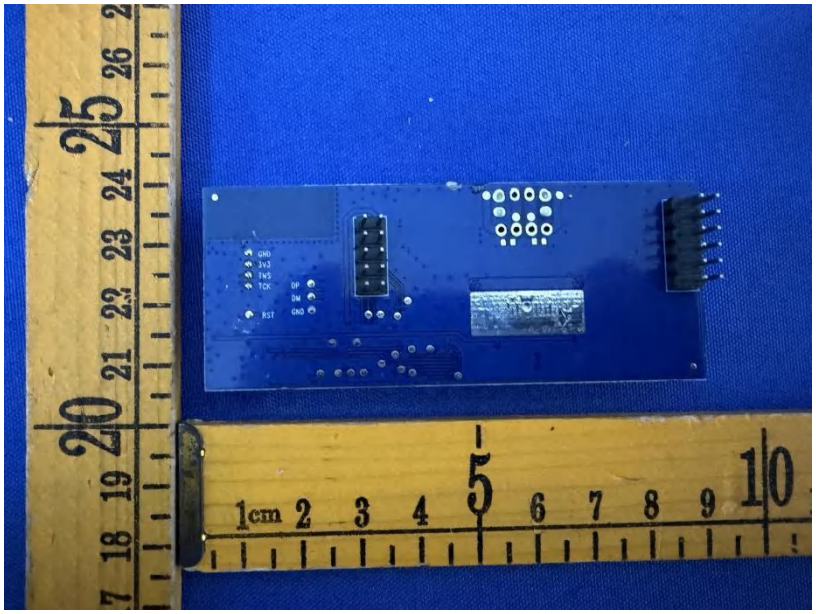
ARC/eARC
HDMI IN
OPTI
USB
AUX
DC IN

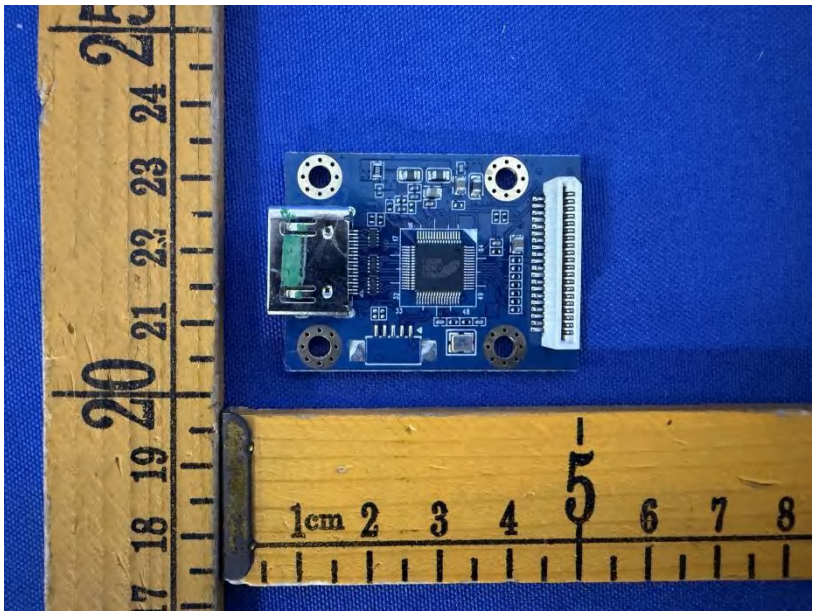


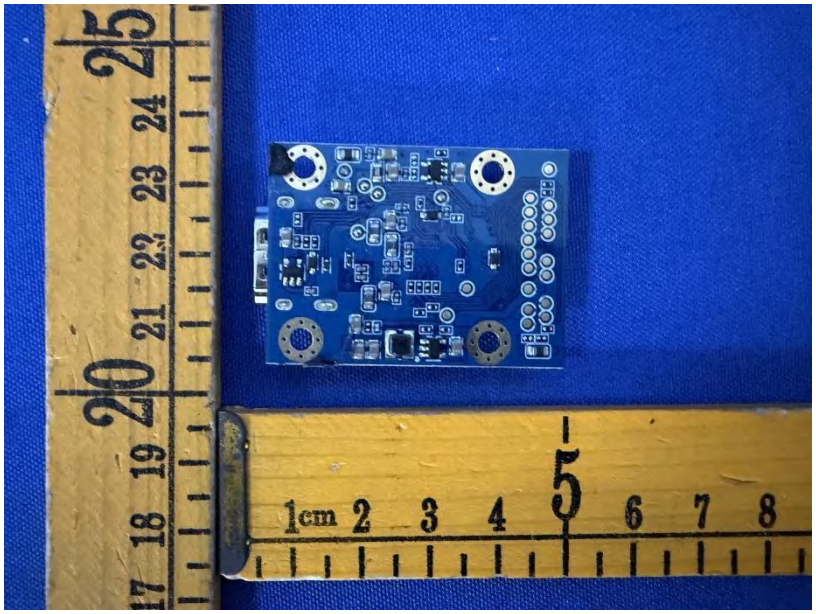


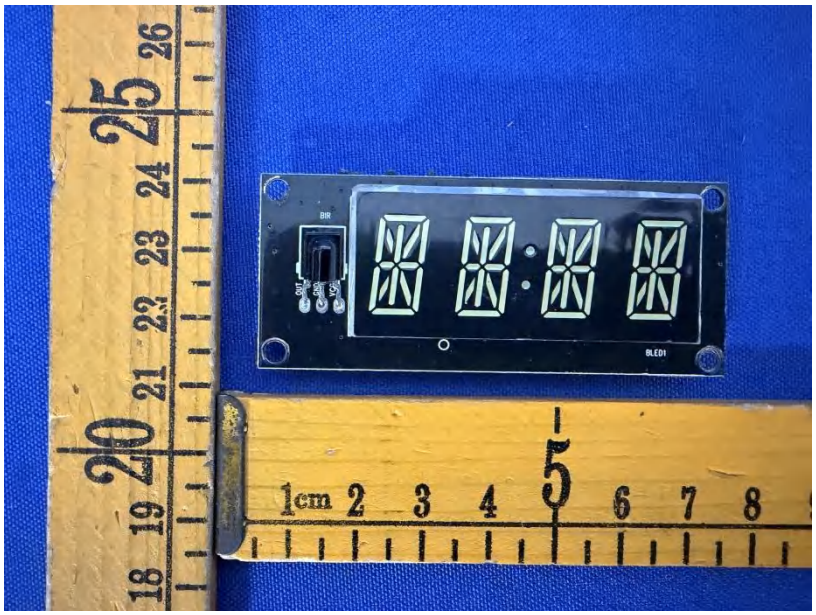


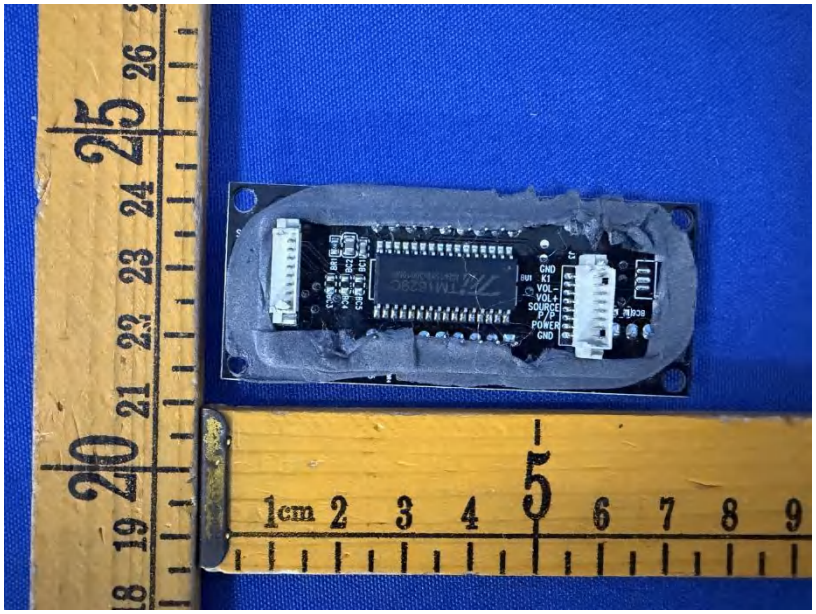


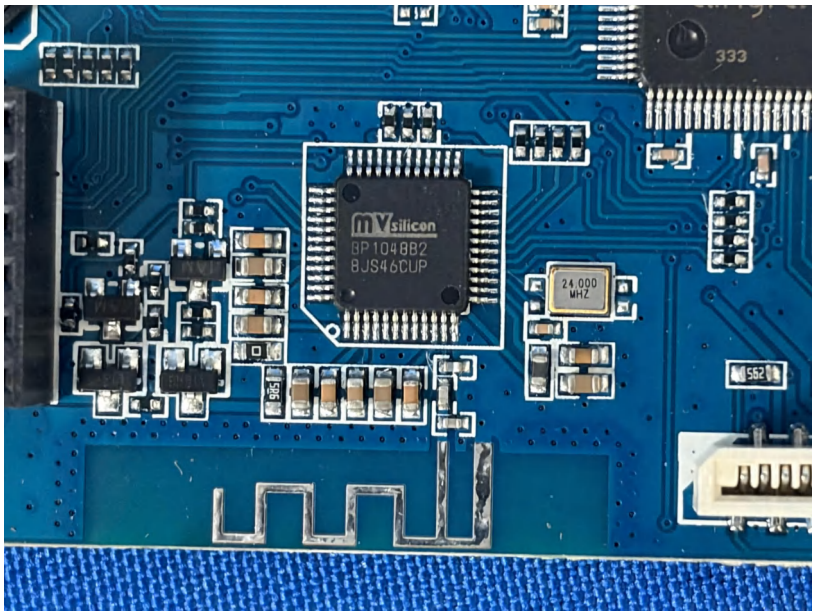

GND
3V3
TXD
TCK
DP
DM
GND
RST

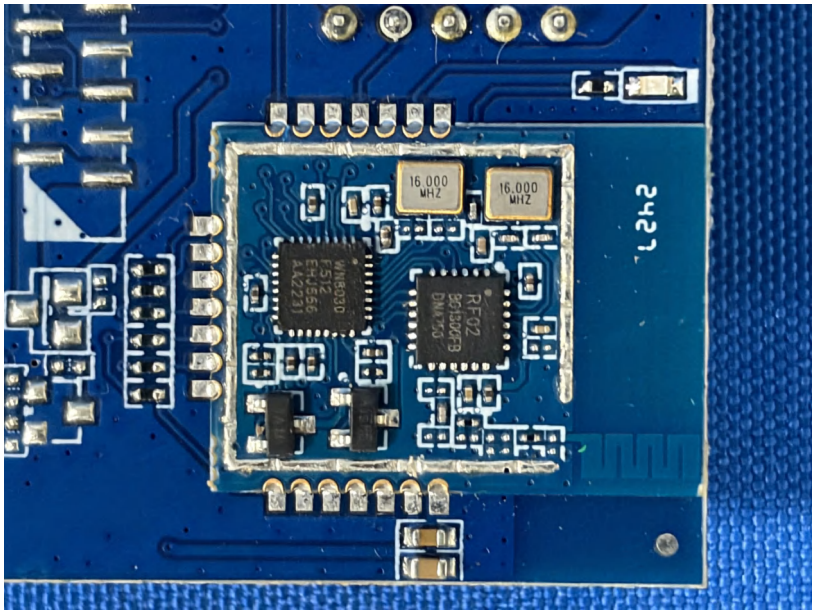







GND
K1
VOL-
VOL+
SOURCE
B/C
POWER
GND
1cm 2 3 4 5 6 7 8 9


333
mVsilicon
BP1048B2
8JS46CUP
24.000
MHZ



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