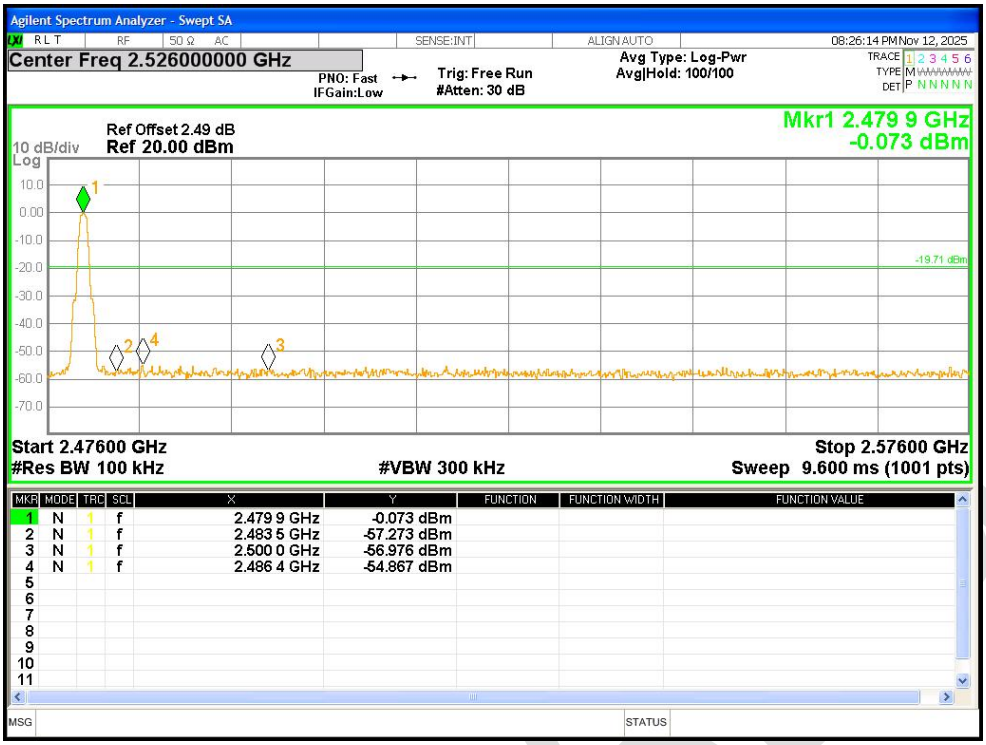
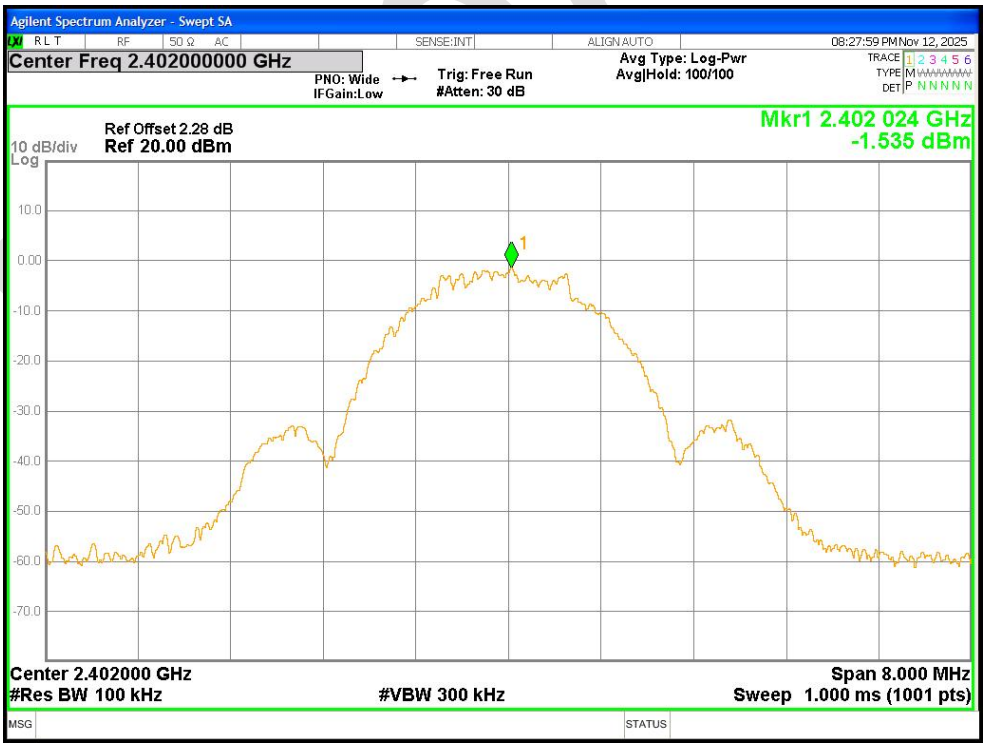
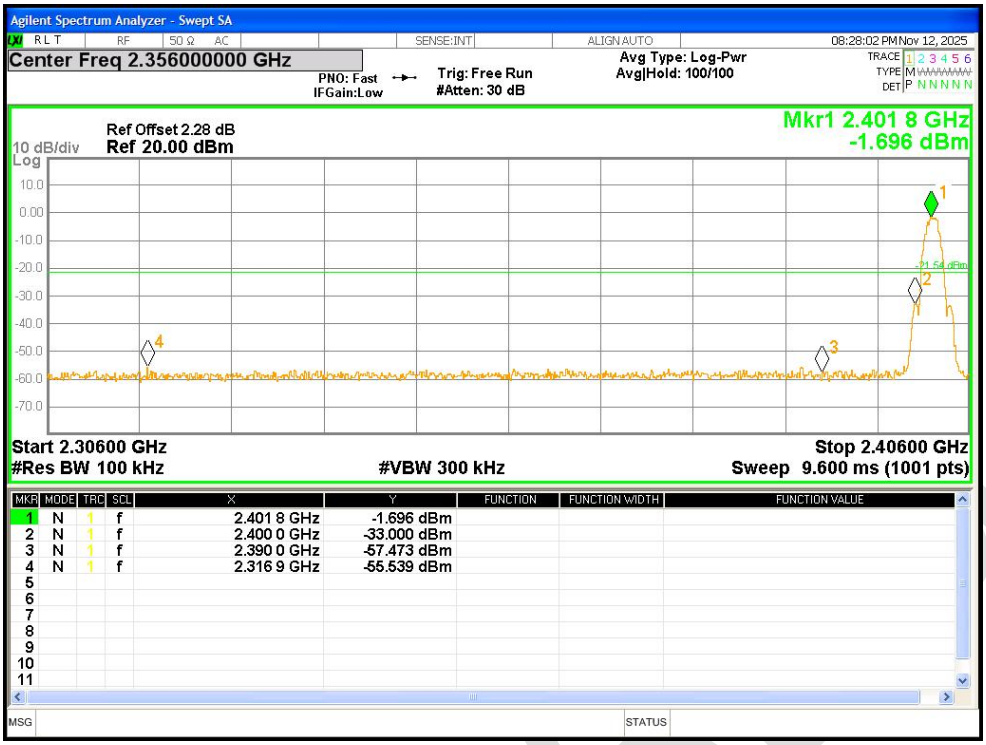


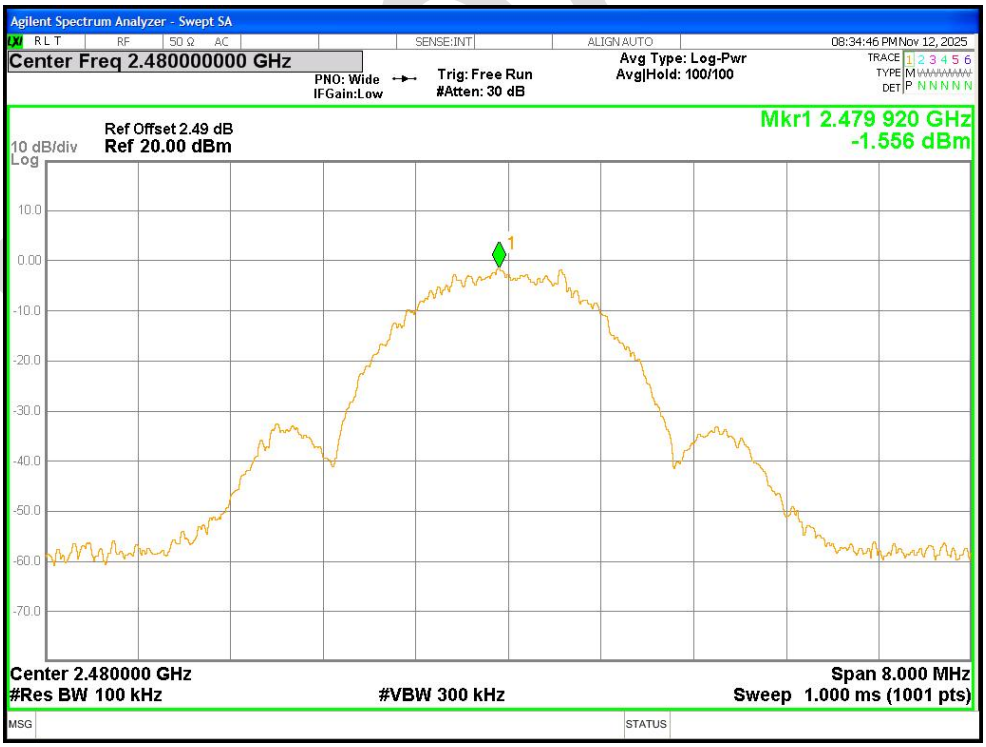

Band Edge NVNT BLE 2M 2402MHz Ant1 Ref



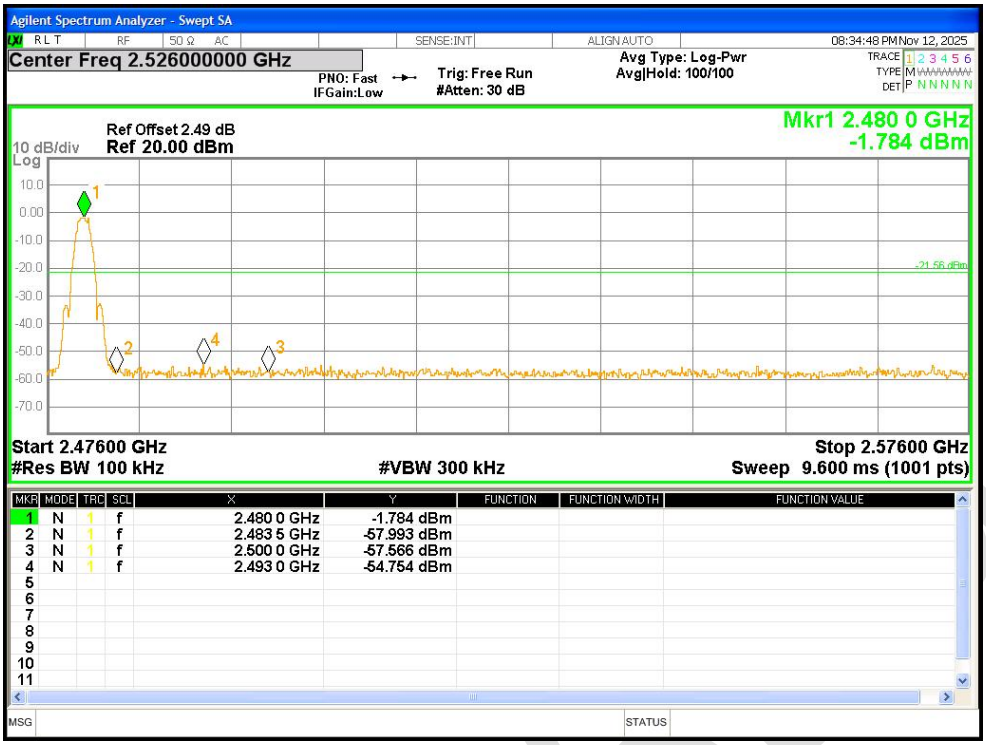

Band Edge NVNT BLE 2M 2402MHz Ant1 Emission




Band Edge NVNT BLE 2M 2480MHz Ant1 Ref




Band Edge NVNT BLE 2M 2480MHz Ant1 Emission


Agilent Spectrum Analyzer - Swept SA
RLT
RF
50 Ω AC
SENSE:INT
ALIGN AUTO
08:34:48 PM Nov 12, 2025
Center Freq 2.526000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold: 100/100
TRACE 1 2 3 4 5 6
TYPE M WWWWW
DET P N N N N N
Ref Offset 2.49 dB
10 dB/div
Log
Ref 20.00 dBm
Mkr1 2.480 0 GHz
-1.784 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-21.56 dBm
Start 2.47600 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 2.57600 GHz
Sweep 9.600 ms (1001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1 N 1 f 2.480 0 GHz -1.784 dBm
2 N 1 f 2.483 5 GHz -57.993 dBm
3 N 1 f 2.500 0 GHz -57.566 dBm
4 N 1 f 2.493 0 GHz -54.754 dBm
5
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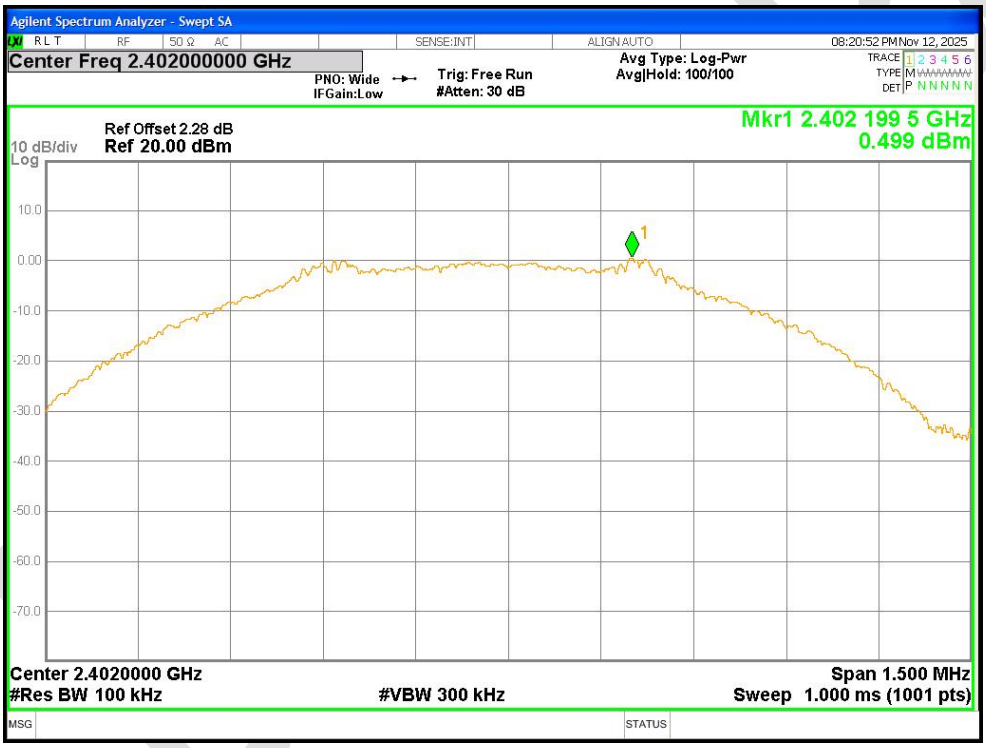
7
8
9
10
11
MSG
STATUS

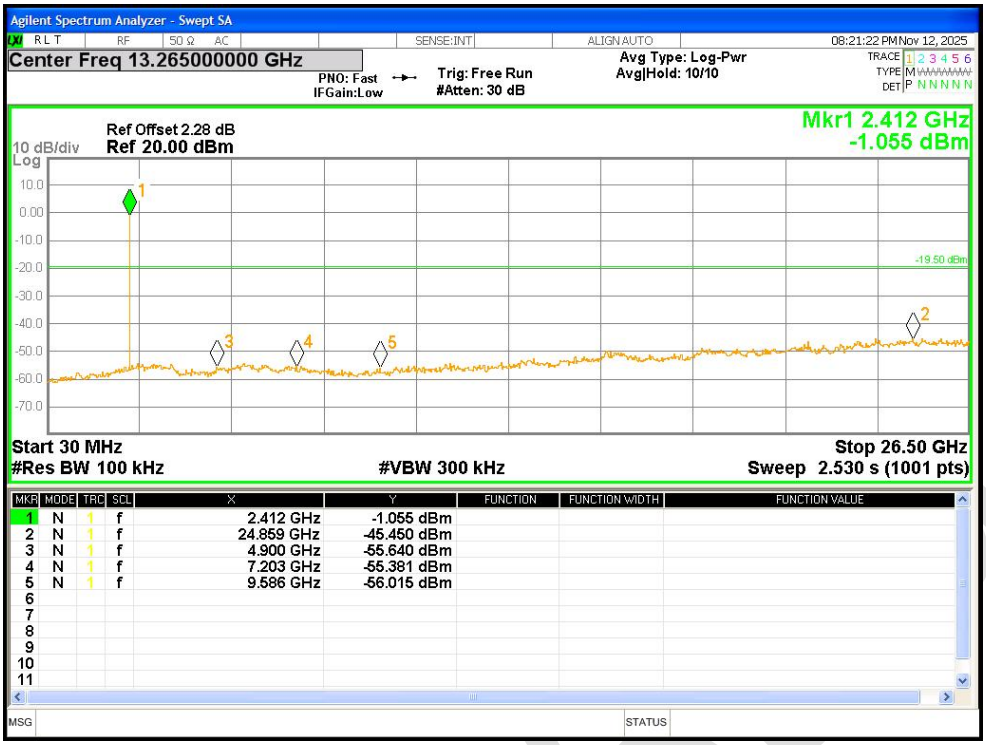
## 7.6 Conducted RF Spurious Emission

| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|---|---|---|---|---|---|---|
| NVNT | BLE 1M | 2402 | Ant1 | -45.95 | -20 | Pass |
| NVNT | BLE 1M | 2442 | Ant1 | -44.44 | -20 | Pass |
| NVNT | BLE 1M | 2480 | Ant1 | -45.1 | -20 | Pass |
| NVNT | BLE 2M | 2402 | Ant1 | -43.05 | -20 | Pass |
| NVNT | BLE 2M | 2442 | Ant1 | -43.3 | -20 | Pass |
| NVNT | BLE 2M | 2480 | Ant1 | -43.94 | -20 | Pass |

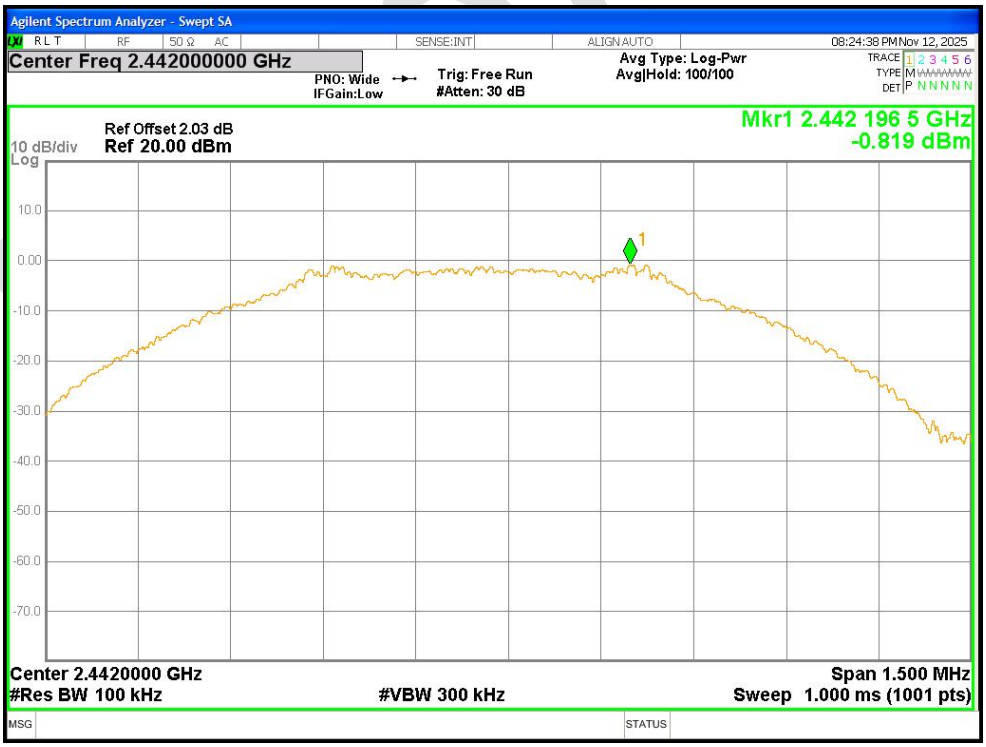
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 Ref



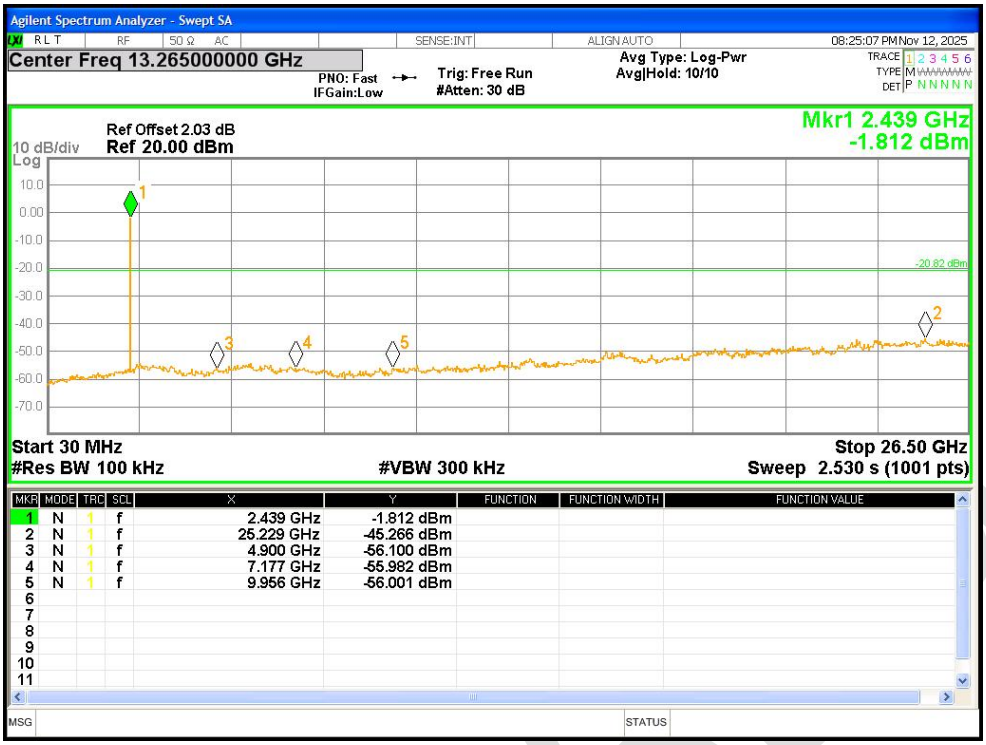

Tx. Spurious NVNT BLE 1M 2402MHz Ant1 Emission



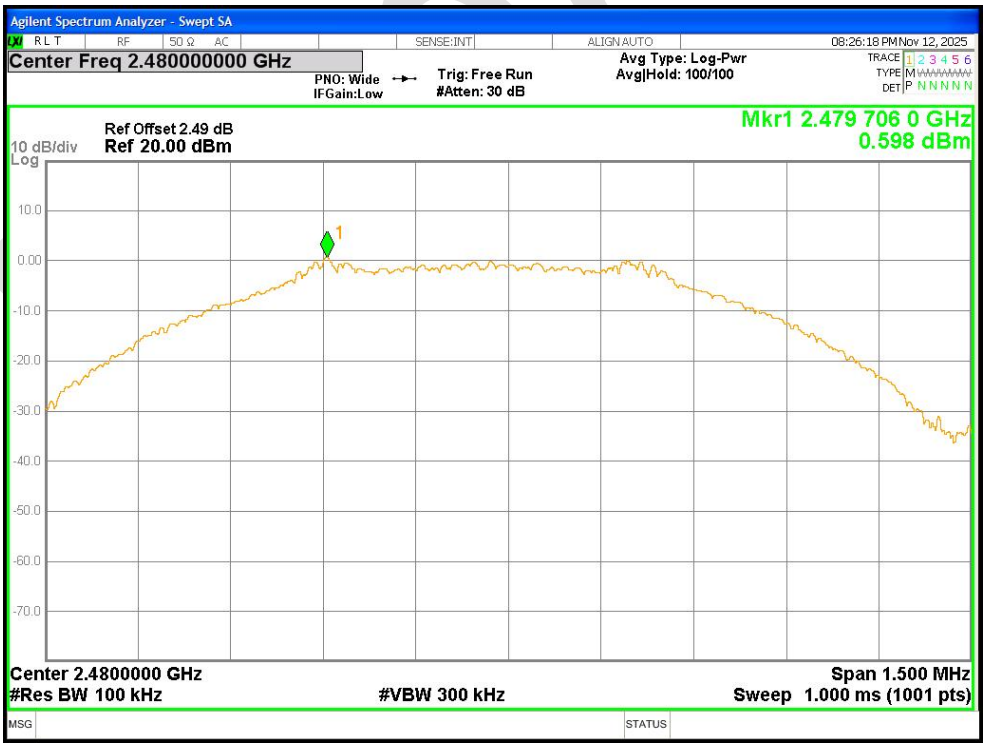

Tx. Spurious NVNT BLE 1M 2442MHz Ant1 Ref



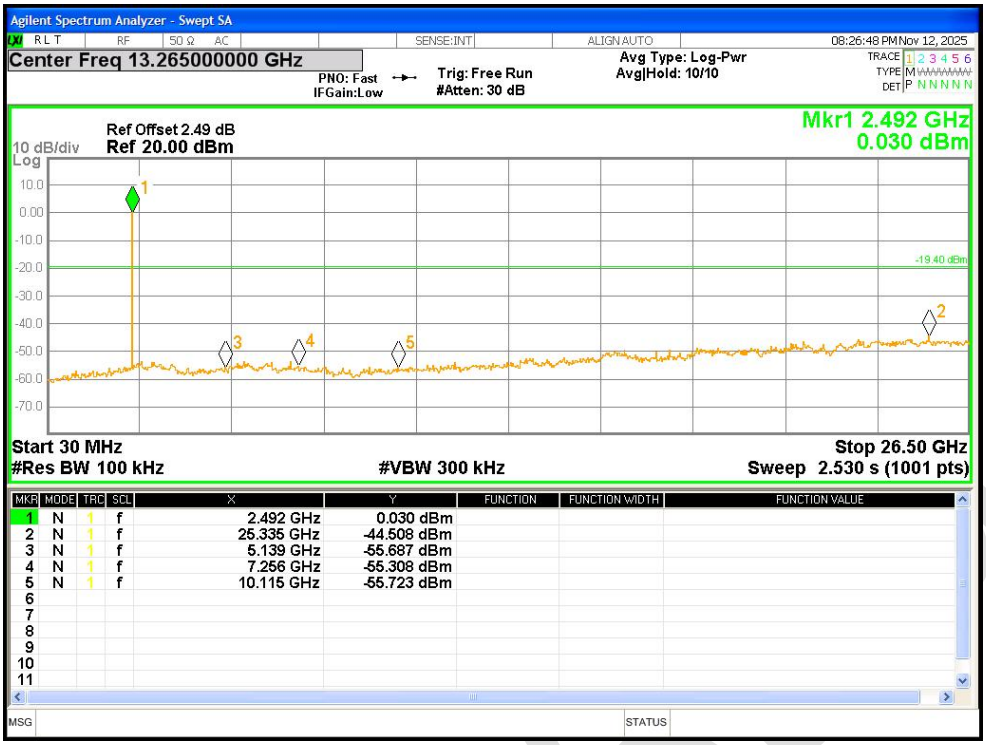

Tx. Spurious NVNT BLE 1M 2442MHz Ant1 Emission



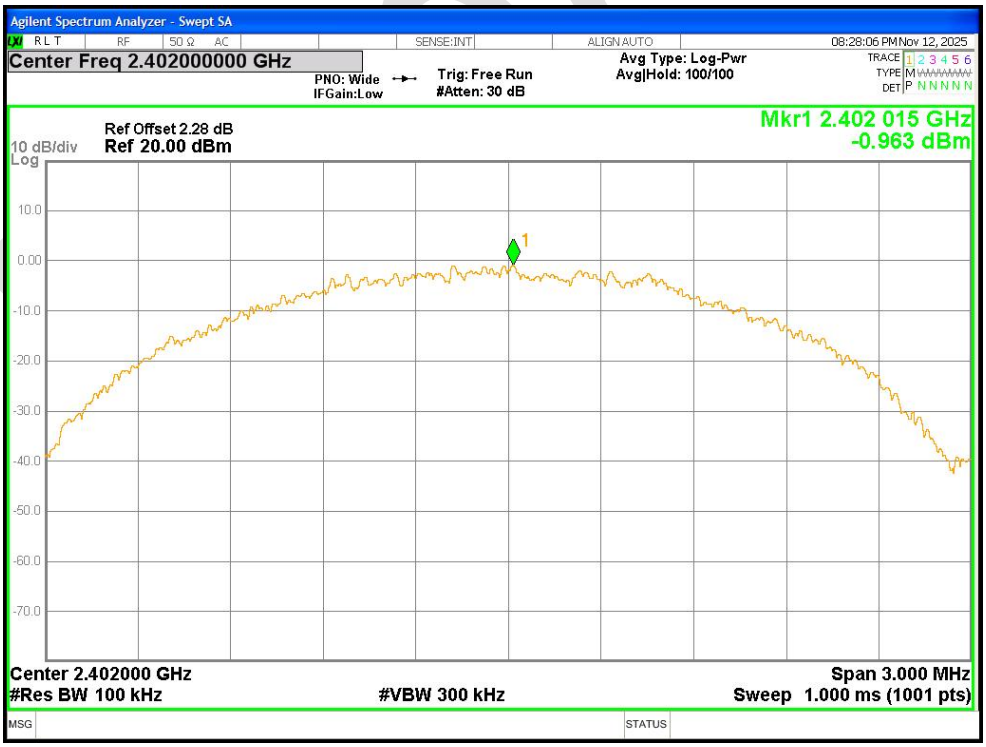

Tx. Spurious NVNT BLE 1M 2480MHz Ant1 Ref



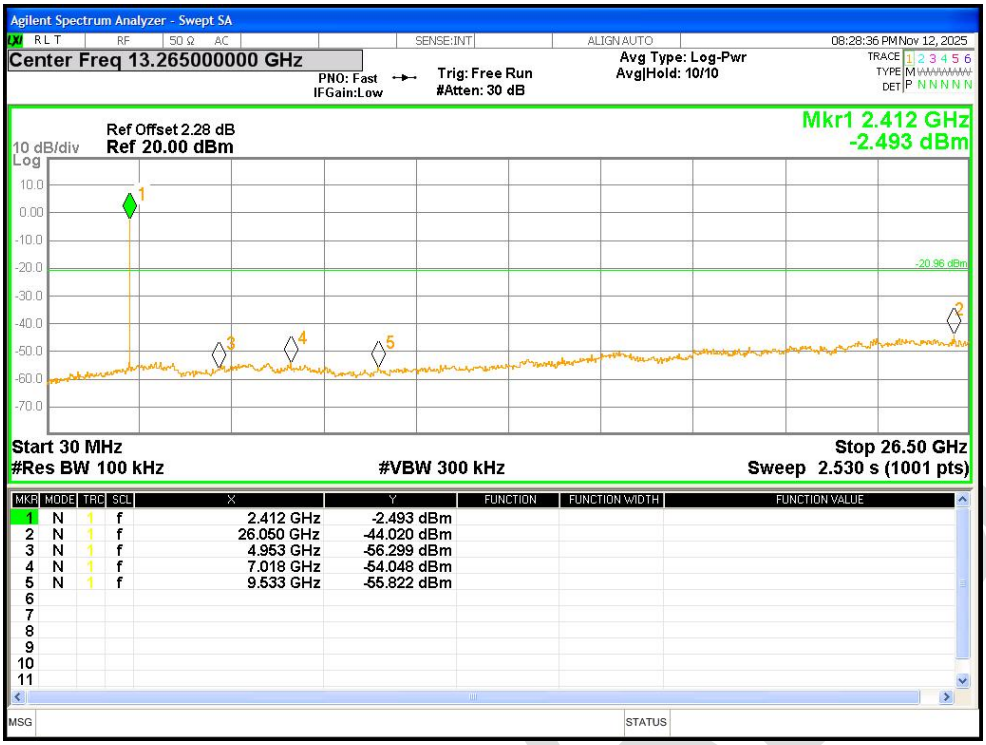

Tx. Spurious NVNT BLE 1M 2480MHz Ant1 Emission



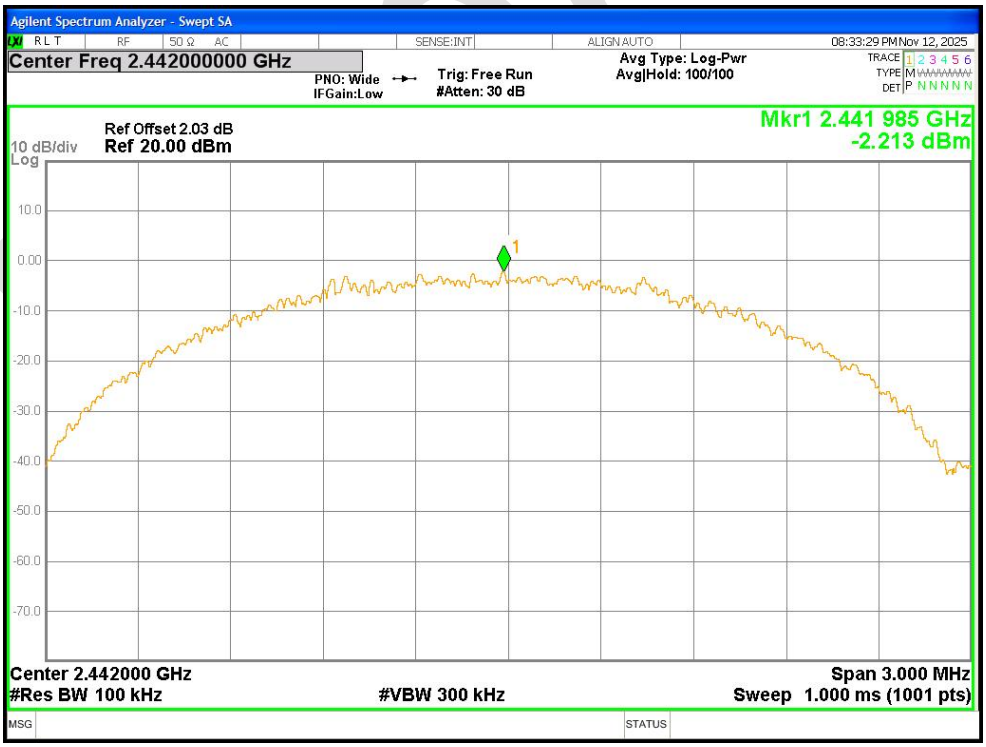

Tx. Spurious NVNT BLE 2M 2402MHz Ant1 Ref



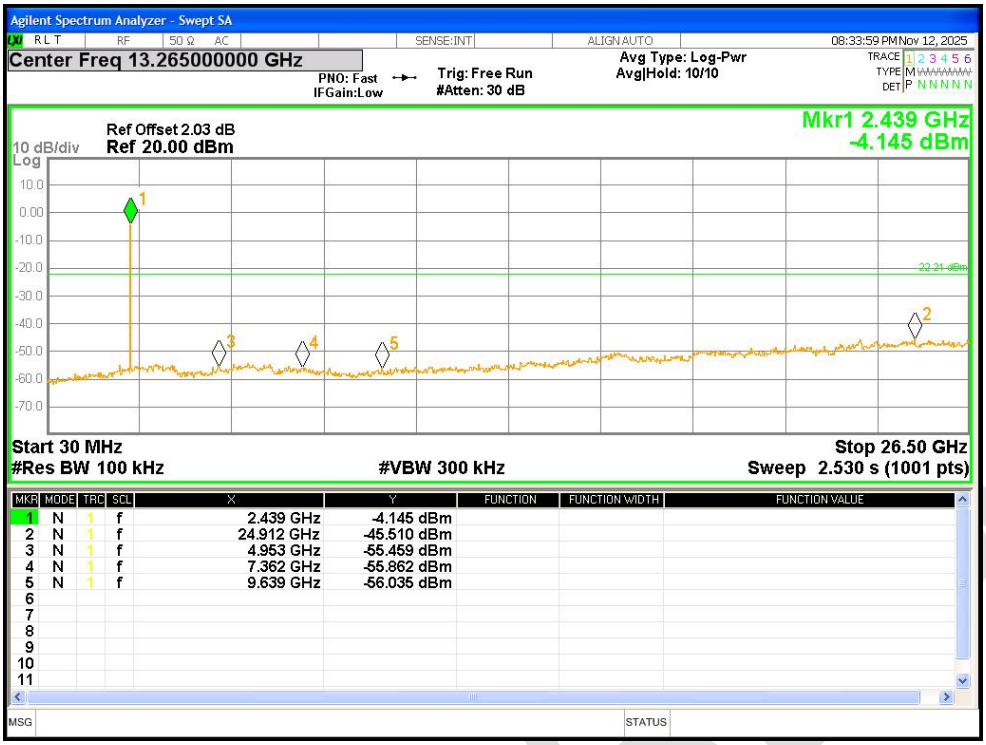

Tx. Spurious NVNT BLE 2M 2402MHz Ant1 Emission



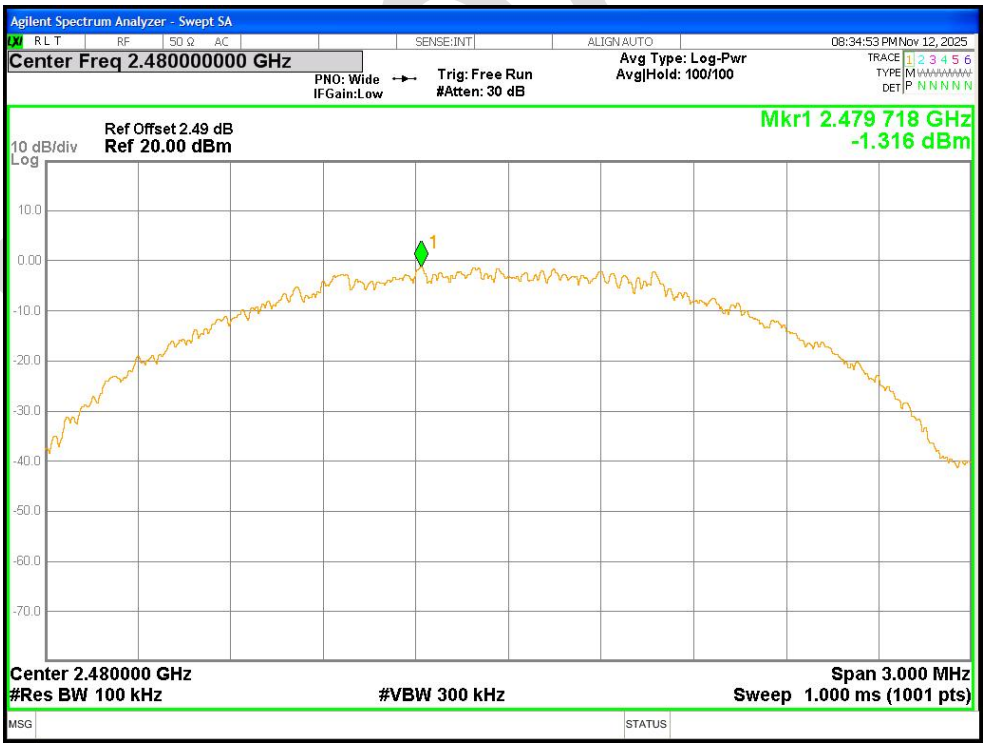

Tx. Spurious NVNT BLE 2M 2442MHz Ant1 Ref



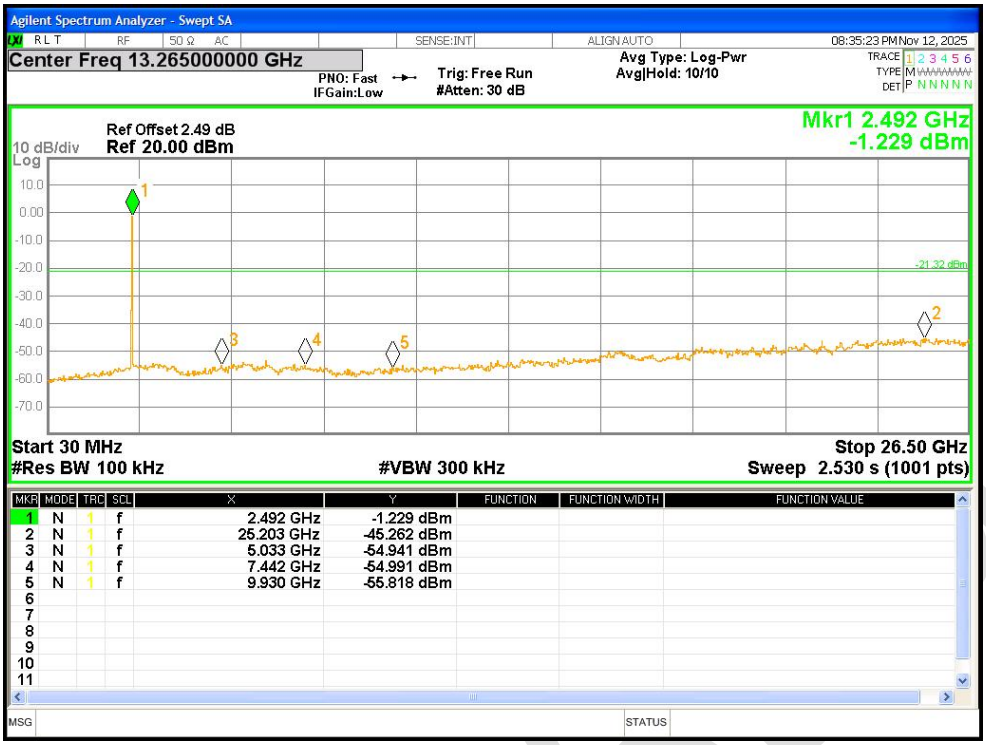

Tx. Spurious NVNT BLE 2M 2442MHz Ant1 Emission




Tx. Spurious NVNT BLE 2M 2480MHz Ant1 Ref




Tx. Spurious NVNT BLE 2M 2480MHz Ant1 Emission


Agilent Spectrum Analyzer - Swept SA
RLT
RF
50 Ω AC
SENSE:INT
ALIGN AUTO
08:35:23 PM Nov 12, 2025
Center Freq 13.265000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold: 10/10
TRACE 1 2 3 4 5 6
TYPE M WWWWW
DET P N N N N N
Ref Offset 2.49 dB
10 dB/div
Log
Ref 20.00 dBm
Mkr1 2.492 GHz
-1.229 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-21.32 dBm
Start 30 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 26.50 GHz
Sweep 2.530 s (1001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1 N 1 f 2.492 GHz -1.229 dBm
2 N 1 f 25.203 GHz -45.262 dBm
3 N 1 f 5.033 GHz -54.941 dBm
4 N 1 f 7.442 GHz -54.991 dBm
5 N 1 f 9.930 GHz -55.818 dBm
6
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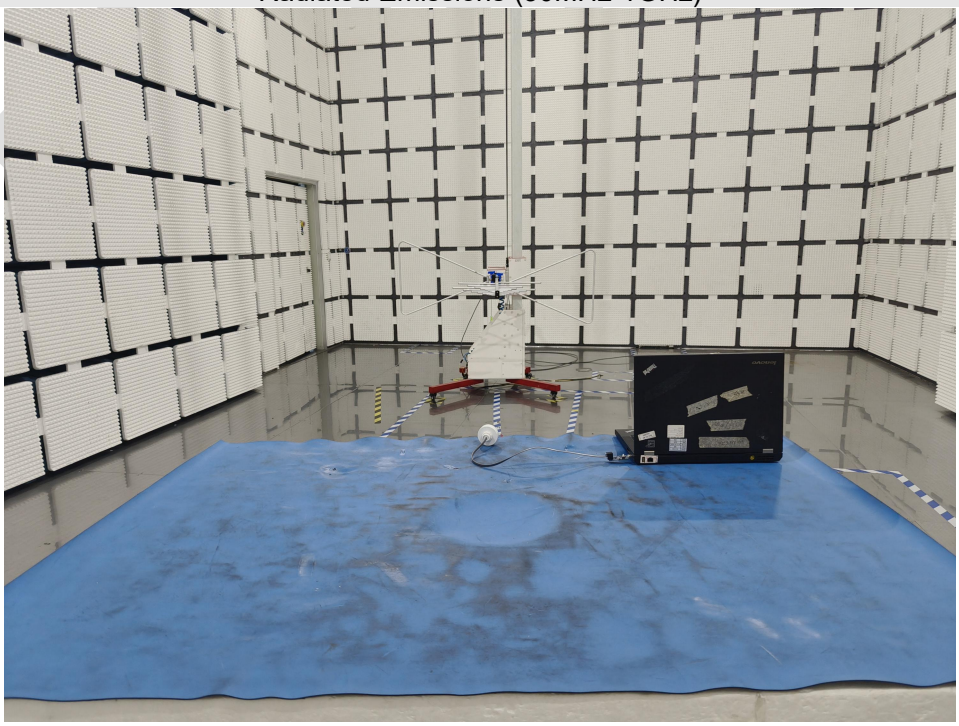
10
11
MSG
STATUS

# Appendix B: photographs of test setup

Conducted emissions at AC power line (150kHz-30MHz)

Radiated Emissions (30MHz-1GHz)



Radiated Emissions (above 1GHz)

RF TEST

# Appendix C: photographs of EUT

Reference to the test report no. BLA-EMC-202510-A9001

**----END OF REPORT----**

The test report is effective only with both signature and specialized stamp, the result(s) shown in this report refer only to the sample(s) tested. Without written approval of BlueAsia, this report can't be reproduced except in full.

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