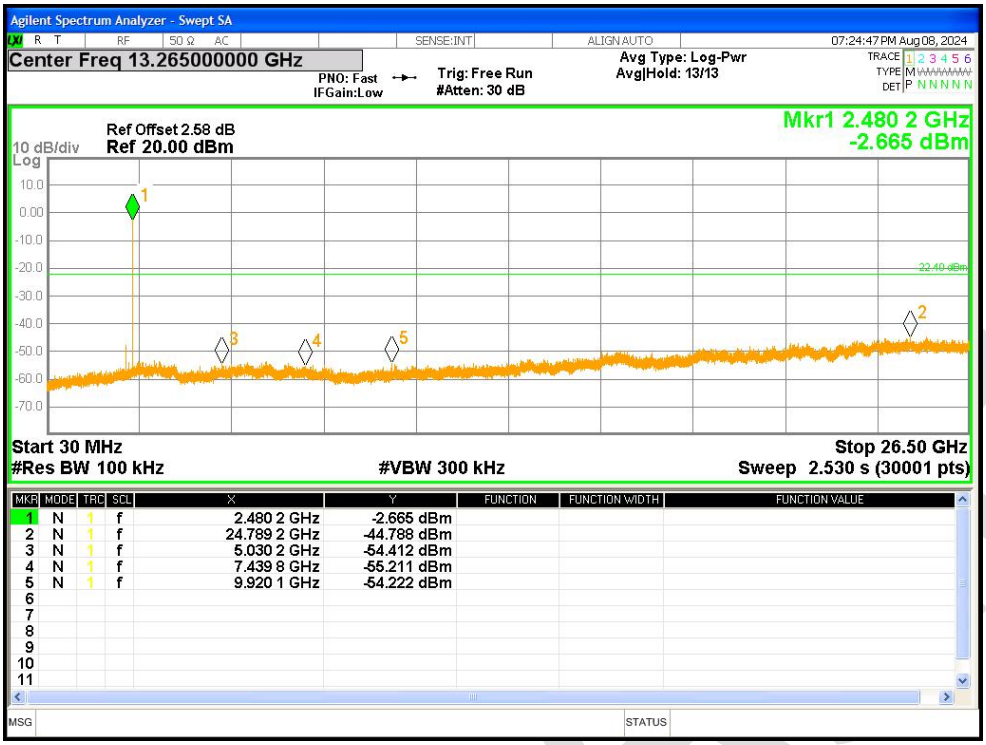
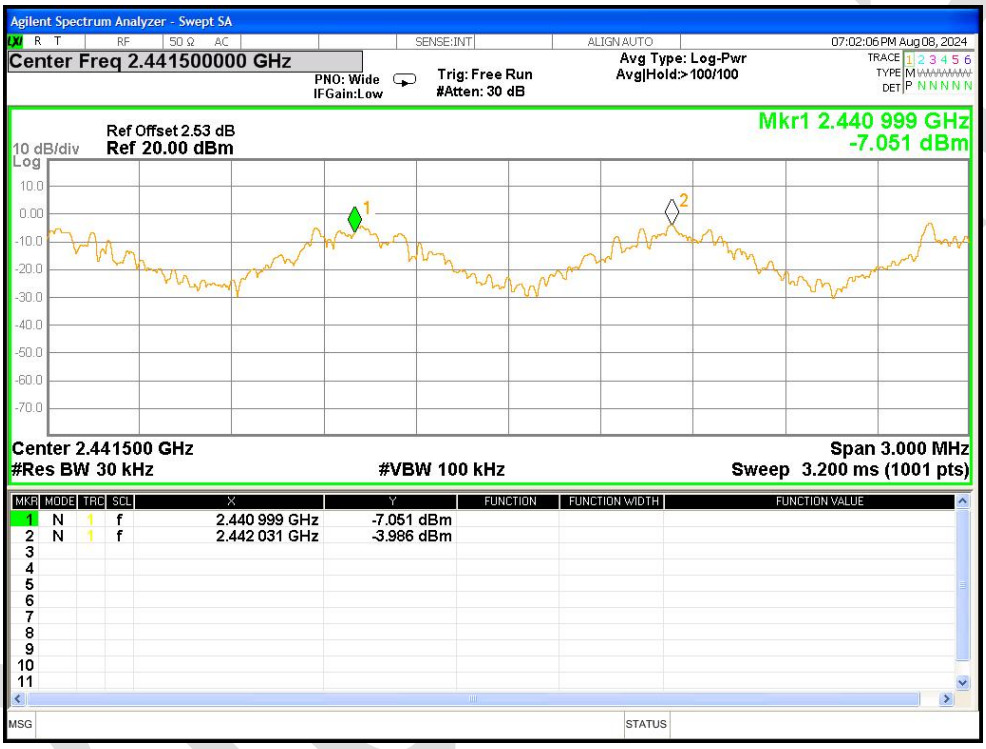

Agilent Spectrum Analyzer - Swept SA
Center Freq 13.265000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold: 13/13
07:24:47 PM Aug 08, 2024
Ref Offset 2.58 dB
10 dB/div
Ref 20.00 dBm
Log
Mkr1 2.480 2 GHz
-2.665 dBm
-22.40 dBm
Start 30 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 26.50 GHz
Sweep 2.530 s (30001 pts)
1 N 1 f 2.480 2 GHz -2.665 dBm
2 N 1 f 24.789 2 GHz -44.788 dBm
3 N 1 f 5.030 2 GHz -54.412 dBm
4 N 1 f 7.439 8 GHz -55.211 dBm
5 N 1 f 9.920 1 GHz -54.222 dBm

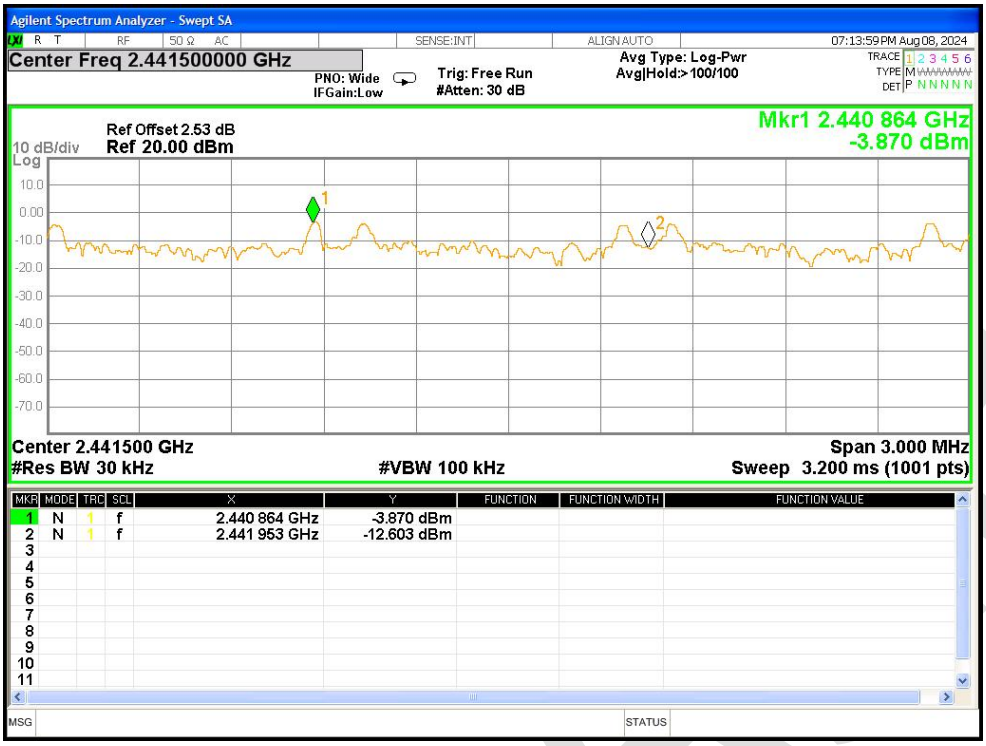
7.7 Carrier Frequencies Separation

Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH1	Ant1	2440.999	2442.031	1.032	0.923	Pass
NVNT	2-DH1	Ant1	2440.864	2441.953	1.089	0.84	Pass
NVNT	3-DH1	Ant1	2441.0395	2442.0505	1.011	0.813	Pass

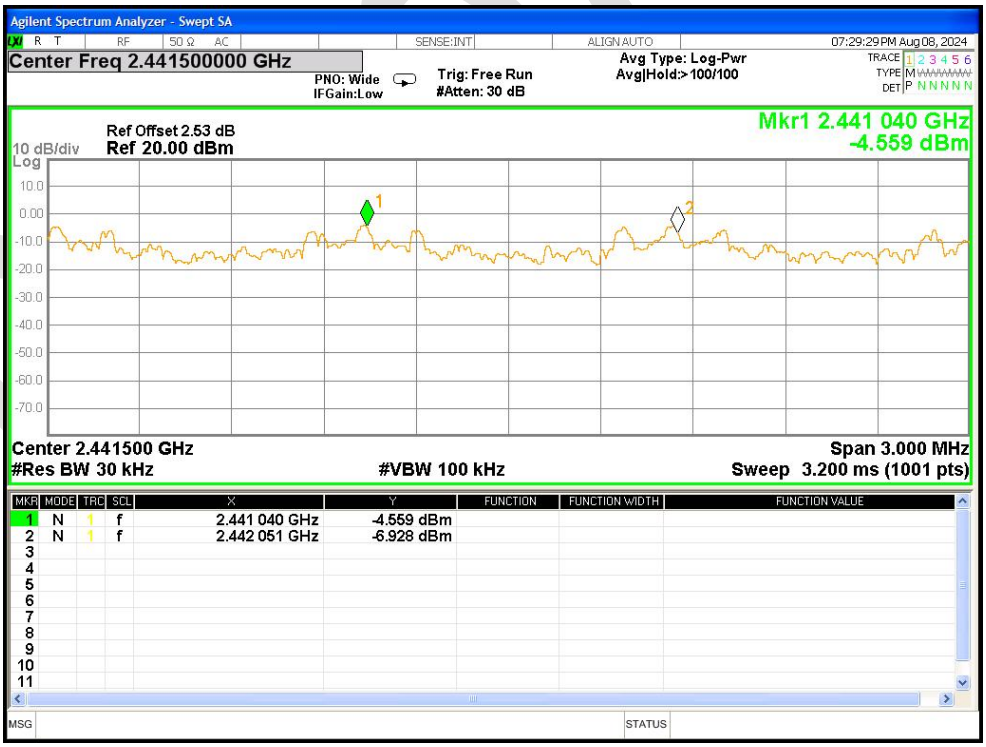
CFS NVNT 1-DH1 2441MHz Ant1



CFS NVNT 2-DH1 2441MHz Ant1



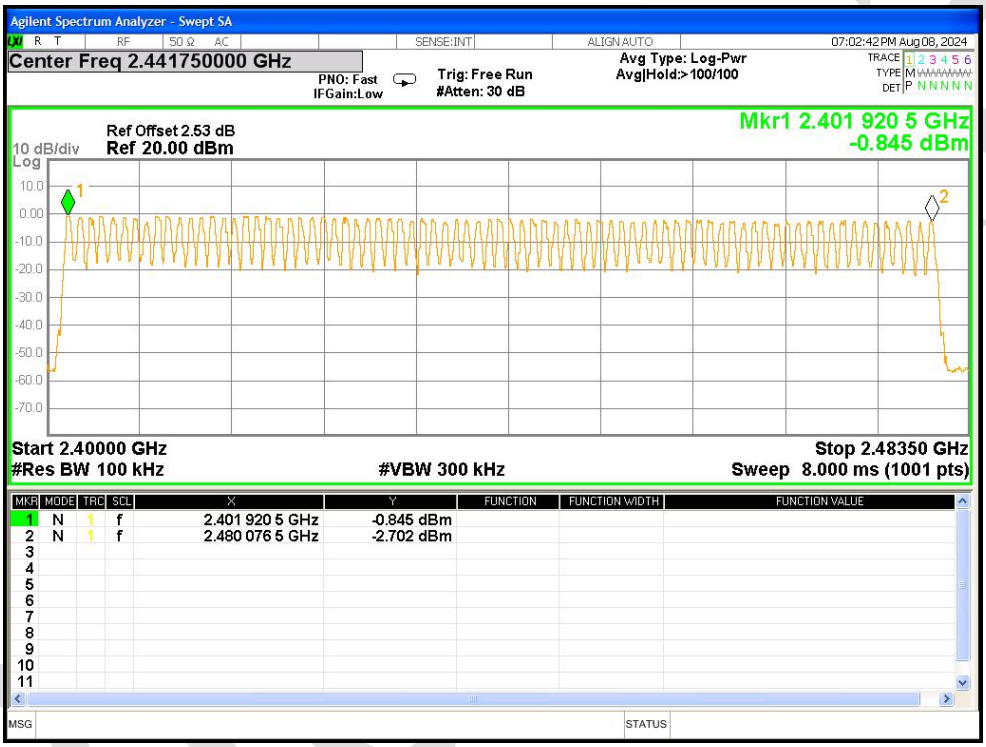
CFS NVNT 3-DH1 2441MHz Ant1



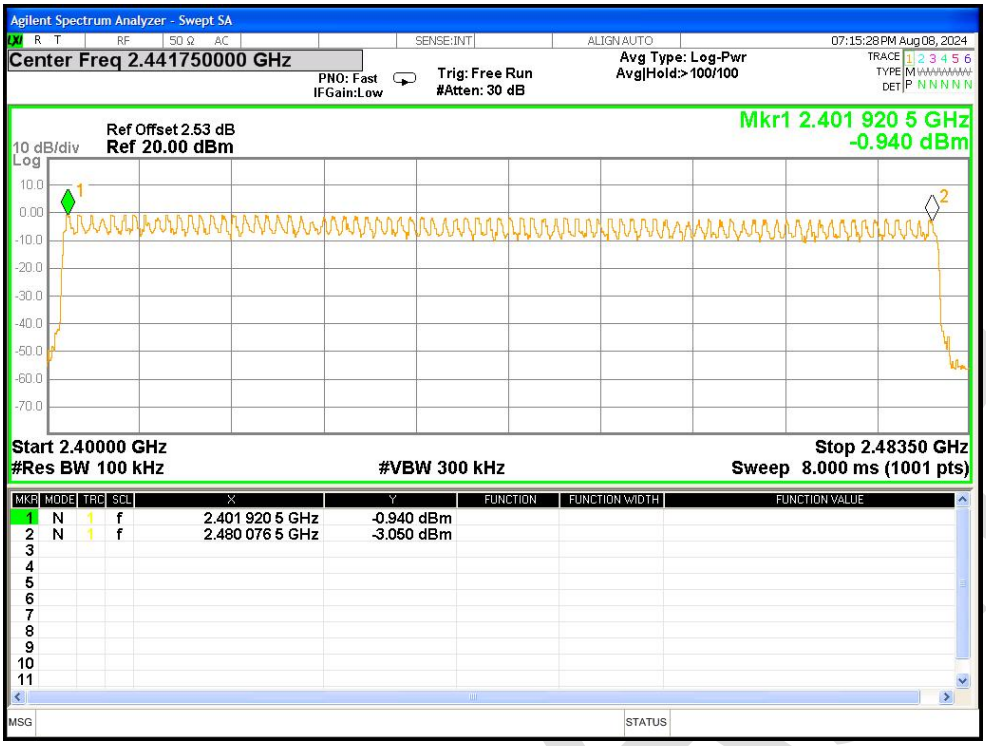
7.8 Number of Hopping Channel

Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH1	Ant1	79	15	Pass
NVNT	2-DH1	Ant1	79	15	Pass
NVNT	3-DH1	Ant1	79	15	Pass

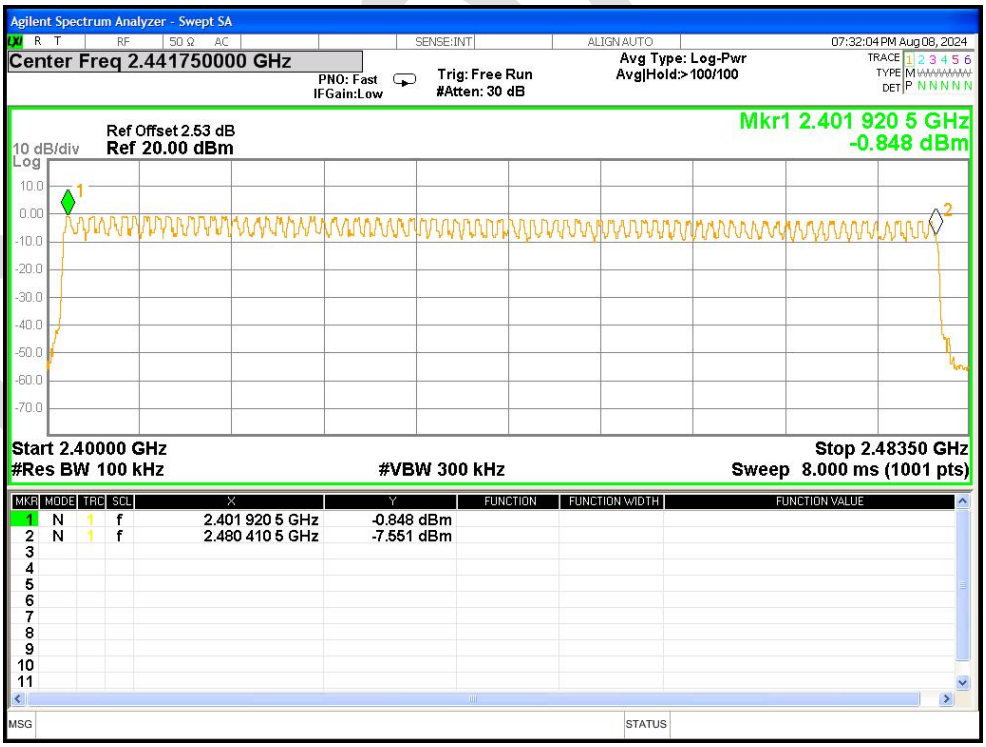
Hopping No. NVNT 1-DH1 2441MHz Ant1



Hopping No. NVNT 2-DH1 2441MHz Ant1



Hopping No. NVNT 3-DH1 2441MHz Ant1

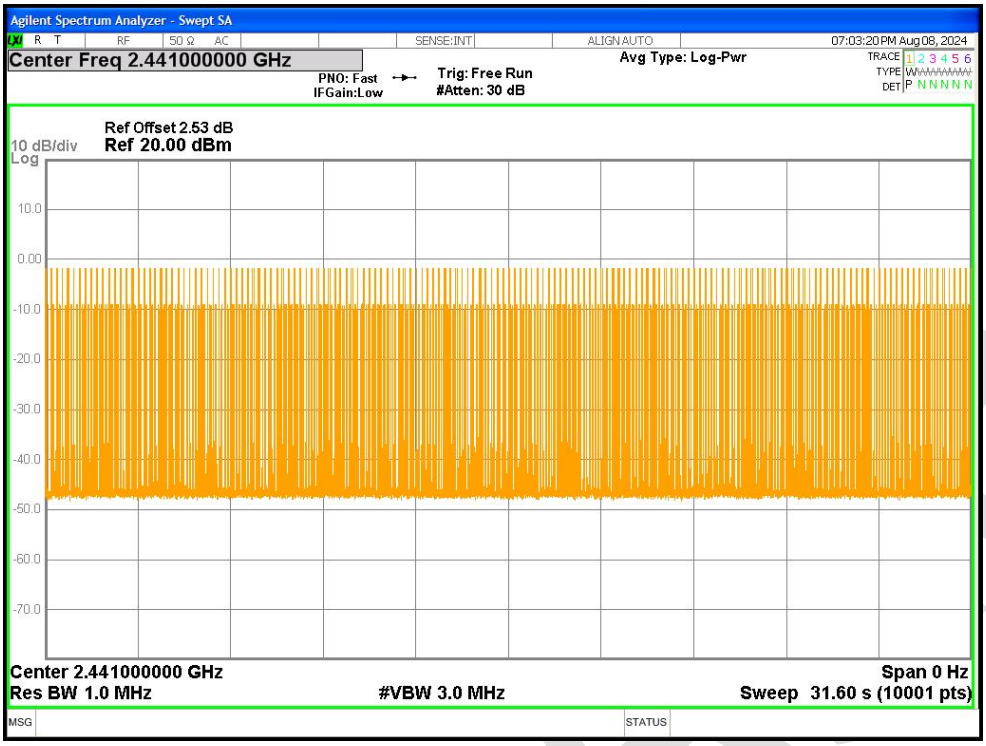


7.9 Dwell Time

Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH1	2441	Ant1	0.384	122.496	319	31600	400	Pass
NVNT	1-DH3	2441	Ant1	1.639	245.85	150	31600	400	Pass
NVNT	1-DH5	2441	Ant1	2.886	259.74	90	31600	400	Pass
NVNT	2-DH1	2441	Ant1	0.391	123.165	315	31600	400	Pass
NVNT	2-DH5	2441	Ant1	2.892	332.58	115	31600	400	Pass
NVNT	3-DH1	2441	Ant1	0.392	125.048	319	31600	400	Pass
NVNT	3-DH5	2441	Ant1	2.894	306.764	106	31600	400	Pass

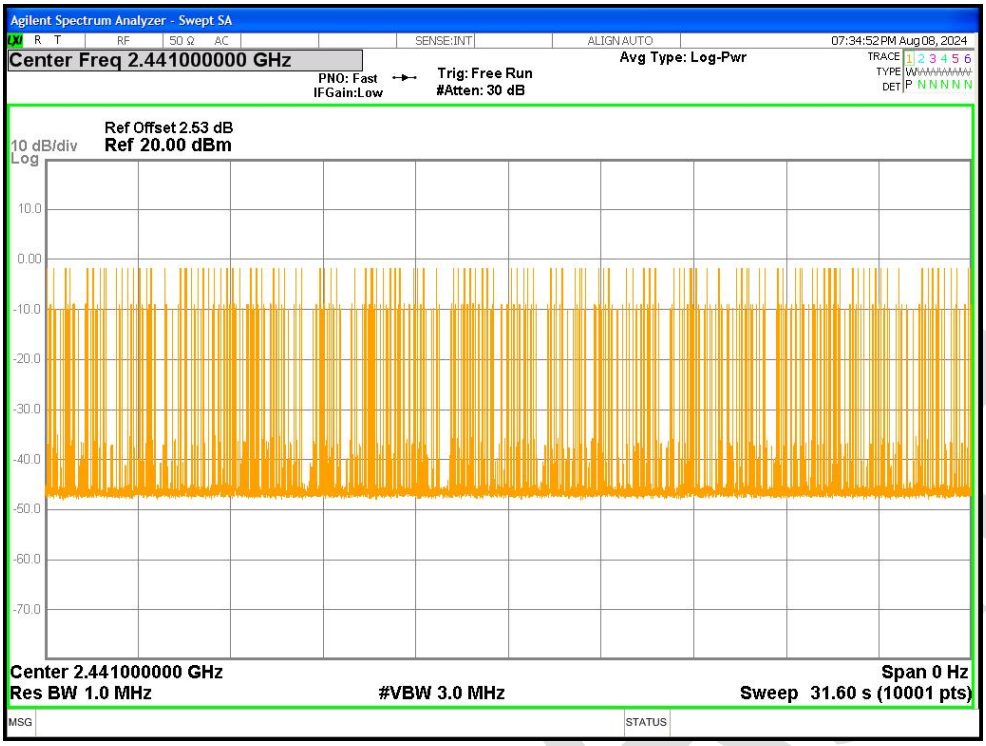
Dwell NVNT 1-DH1 2441MHz Ant1 One Burst

Dwell NVNT 1-DH1 2441MHz Ant1 Accumulated



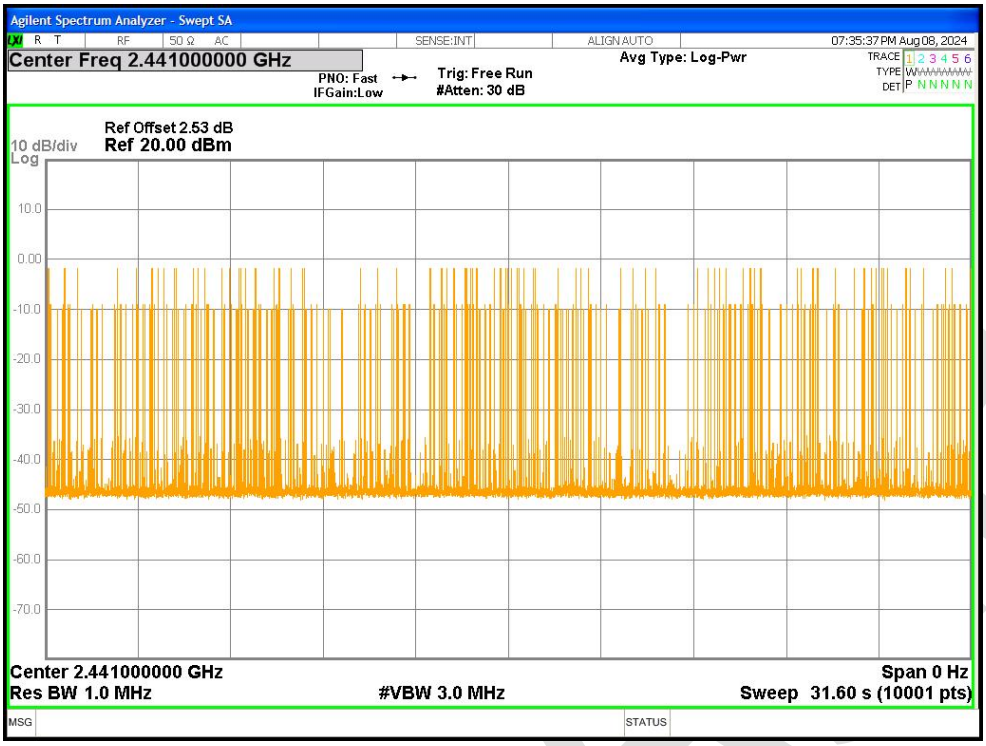
Dwell NVNT 1-DH3 2441MHz Ant1 One Burst

Dwell NVNT 1-DH3 2441MHz Ant1 Accumulated



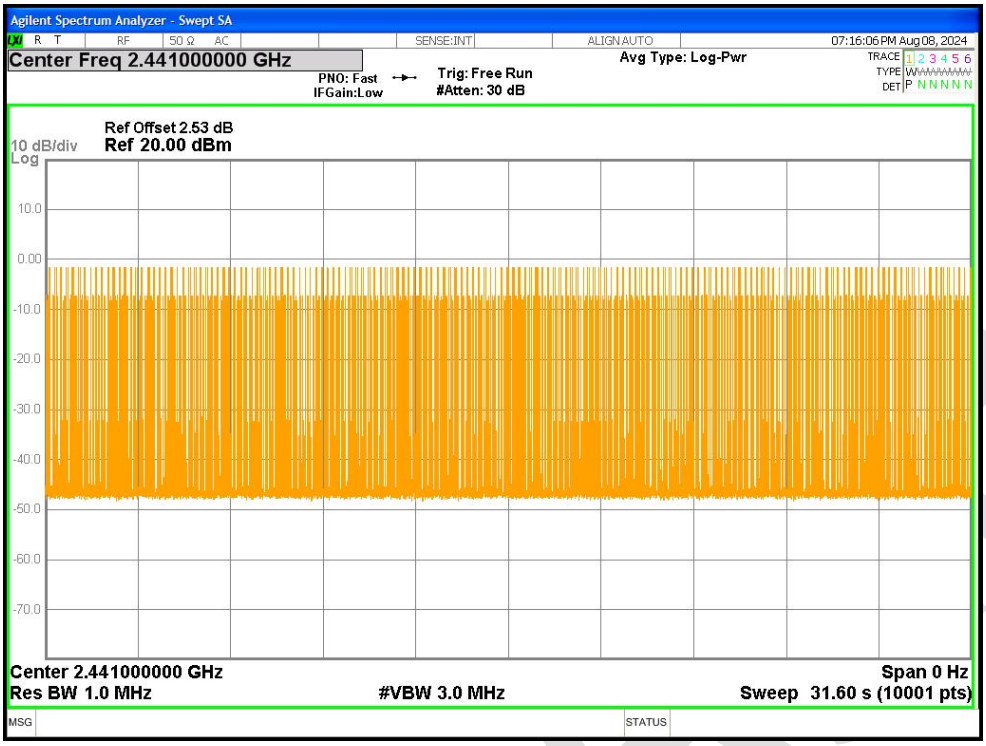
Dwell NVNT 1-DH5 2441MHz Ant1 One Burst

Dwell NVNT 1-DH5 2441MHz Ant1 Accumulated



Dwell NVNT 2-DH1 2441MHz Ant1 One Burst

Dwell NVNT 2-DH1 2441MHz Ant1 Accumulated



Dwell NVNT 2-DH5 2441MHz Ant1 One Burst

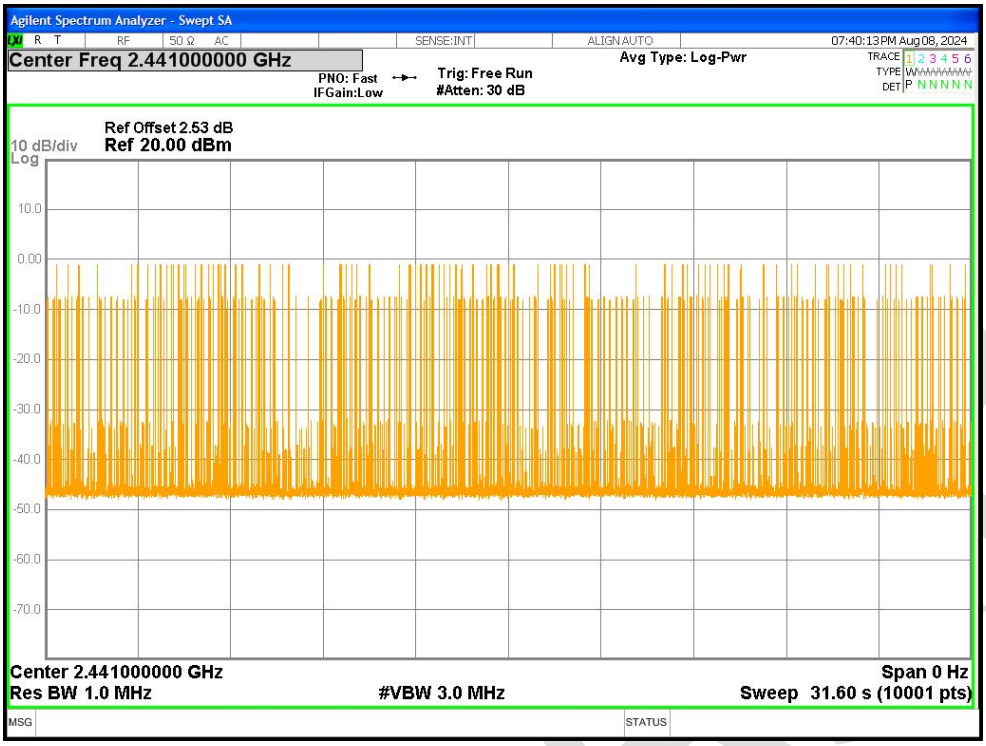
Dwell NVNT 2-DH5 2441MHz Ant1 Accumulated

Dwell NVNT 3-DH1 2441MHz Ant1 One Burst

Dwell NVNT 3-DH1 2441MHz Ant1 Accumulated

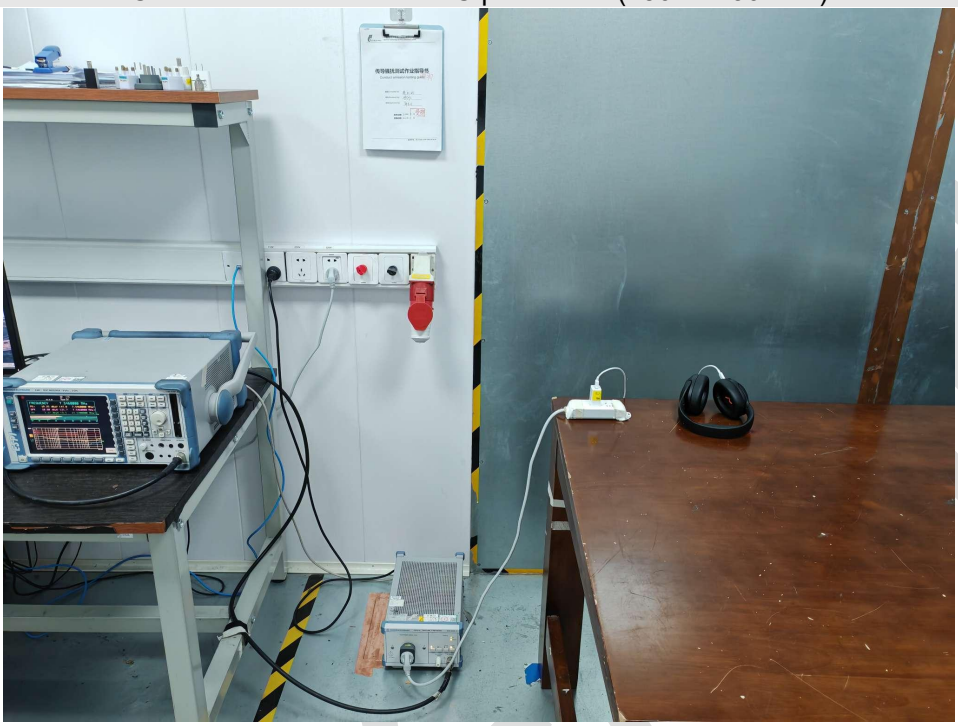
Dwell NVNT 3-DH5 2441MHz Ant1 One Burst

Dwell NVNT 3-DH5 2441MHz Ant1 Accumulated

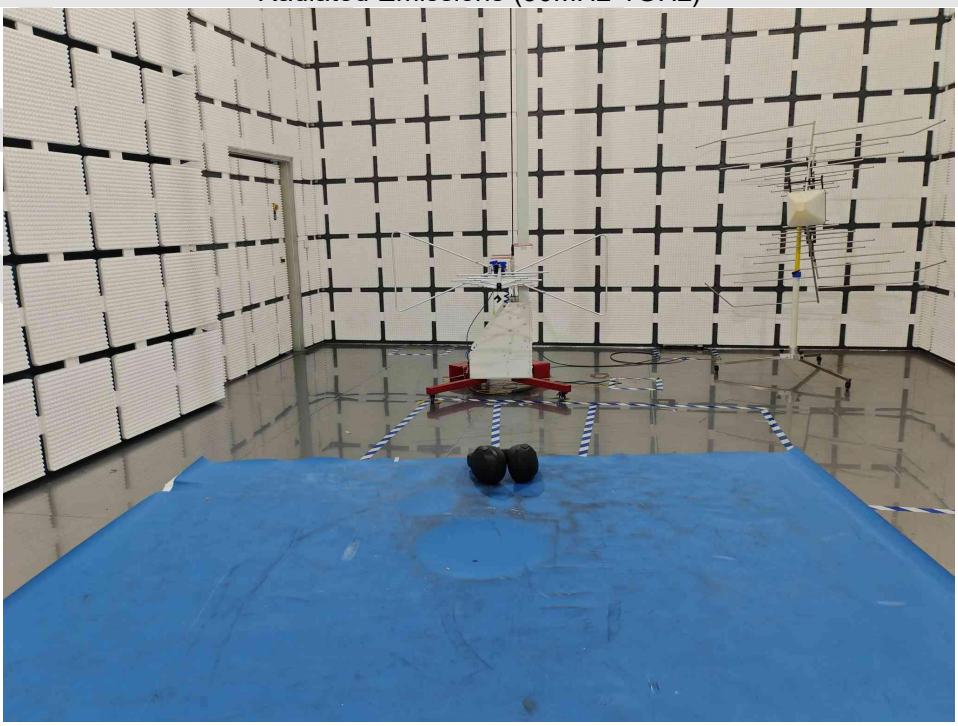

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.441000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Log-Pwr
07:40:13 PM Aug 08, 2024
Ref Offset 2.53 dB
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
Center 2.441000000 GHz
Span 0 Hz
Res BW 1.0 MHz
#VBW 3.0 MHz
Sweep 31.60 s (10001 pts)
MSG
STATUS

Appendix B: photographs of test setup

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



Radiated Emissions (30MHz-1GHz)



Radiated Emissions (above 1GHz)

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Appendix C: photographs of EUT

Reference to the test report no. BLA-EMC-202408-A0801

----END OF REPORT----

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