



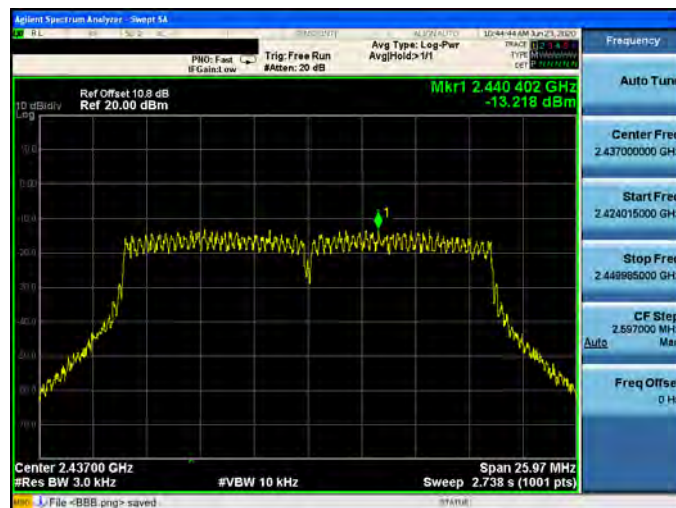
Beamforming on

Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX mode_ANT-0

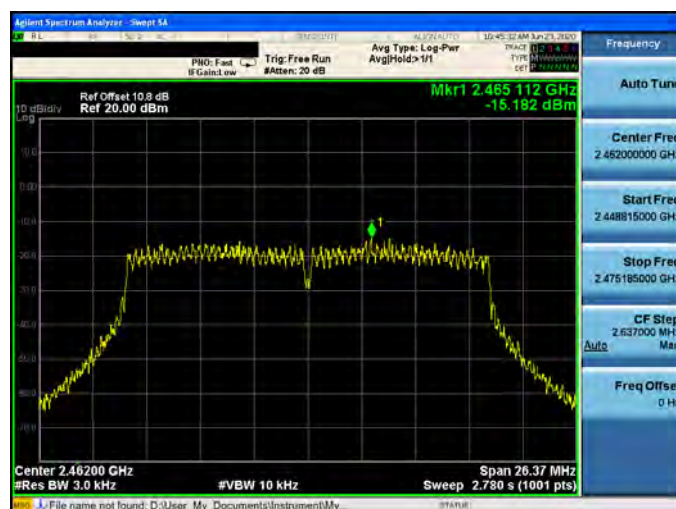
2412 MHz



2437 MHz



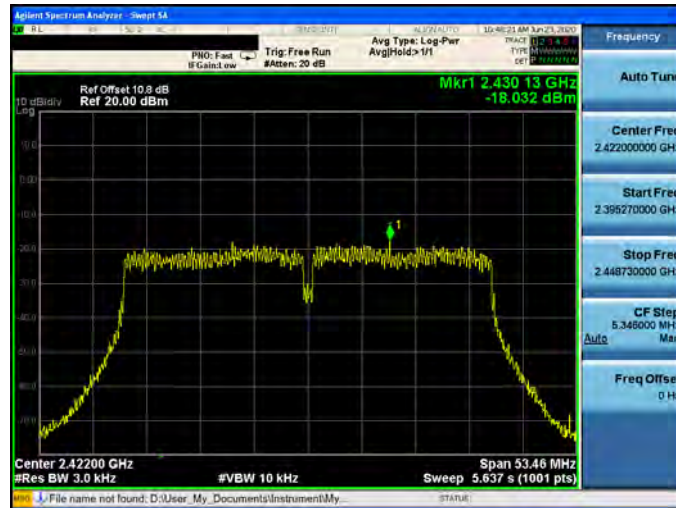
2462 MHz



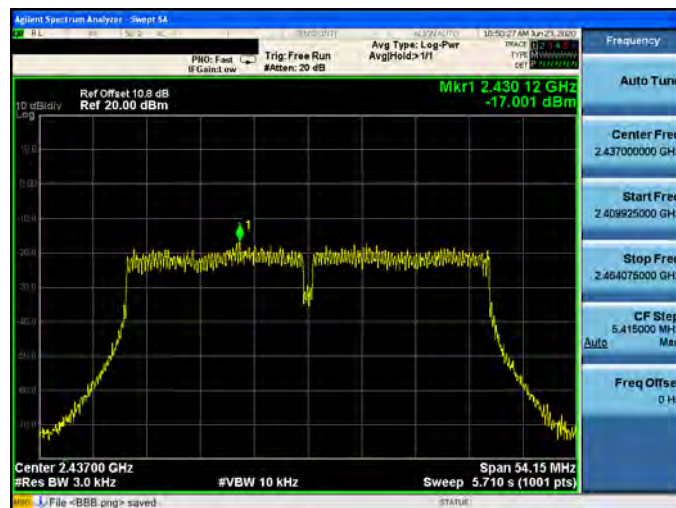


Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX mode _ANT-0

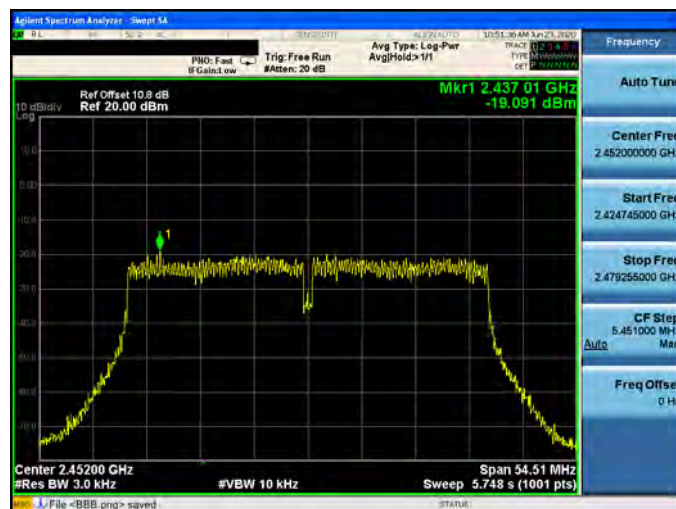
2422 MHz



2437 MHz



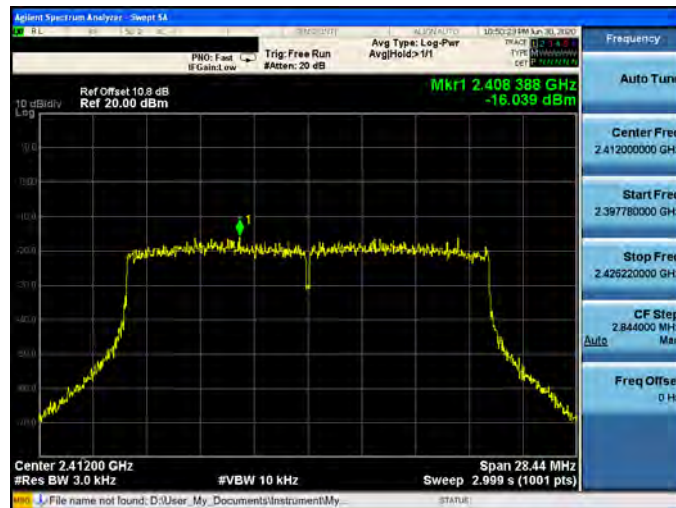
2452 MHz



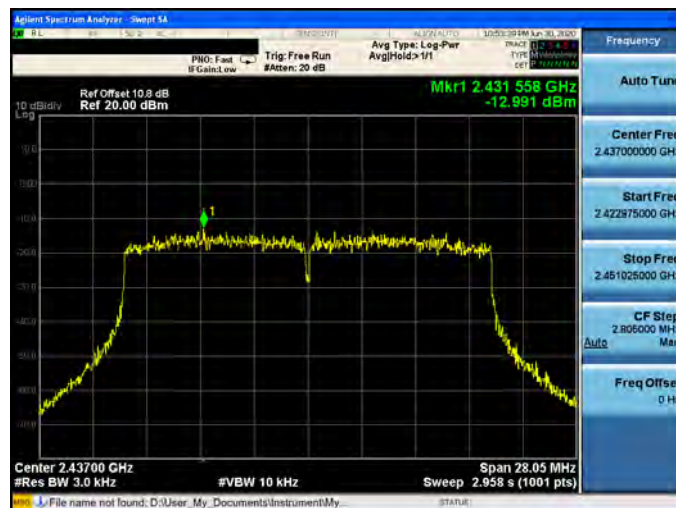


Mode 6: IEEE 802.11ax 2.4 GHz 20 MHz Continuous TX mode_ANT-0

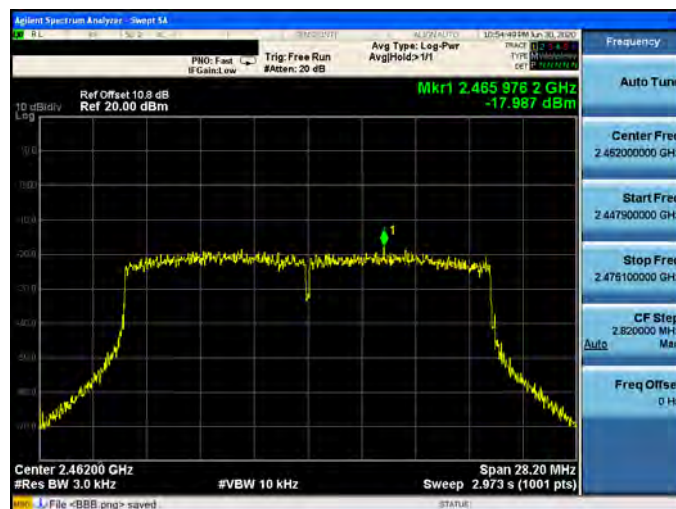
2412 MHz



2437 MHz



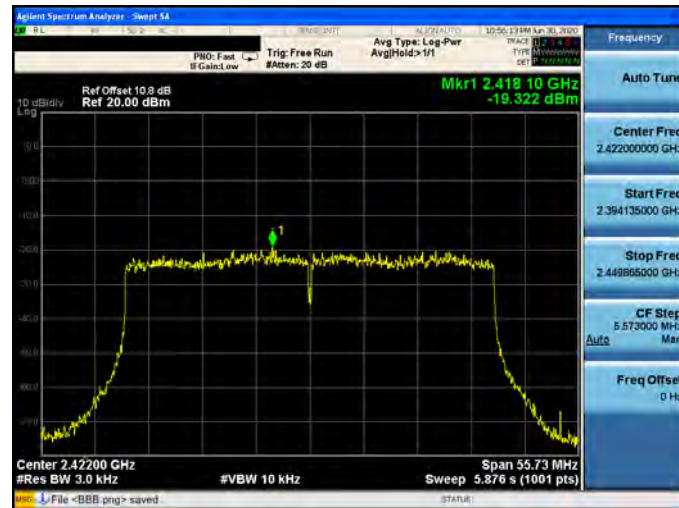
2462 MHz



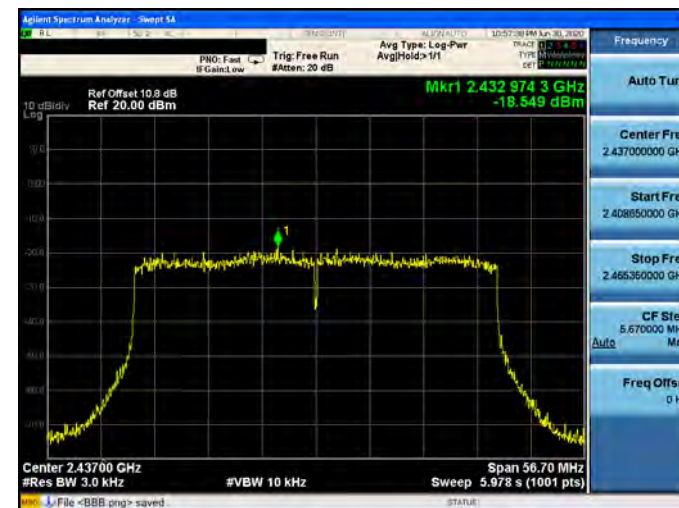


Mode 7: IEEE 802.11ax 2.4 GHz 40 MHz Continuous TX mode_ANT-0

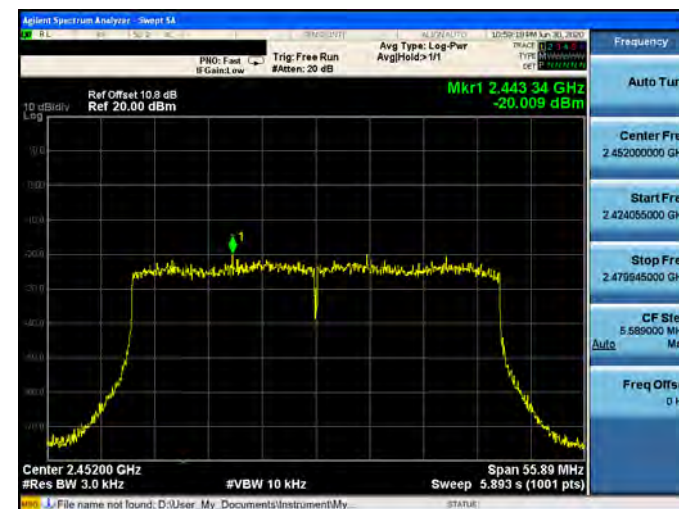
2422 MHz



2437 MHz

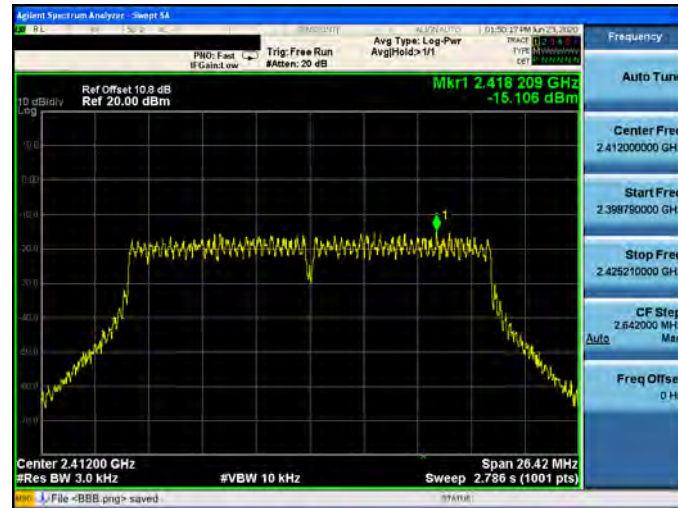


2452 MHz

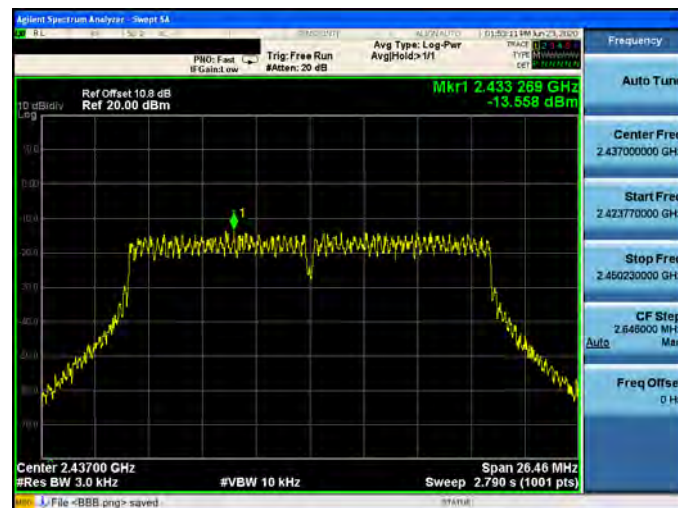


Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX mode _ANT-1

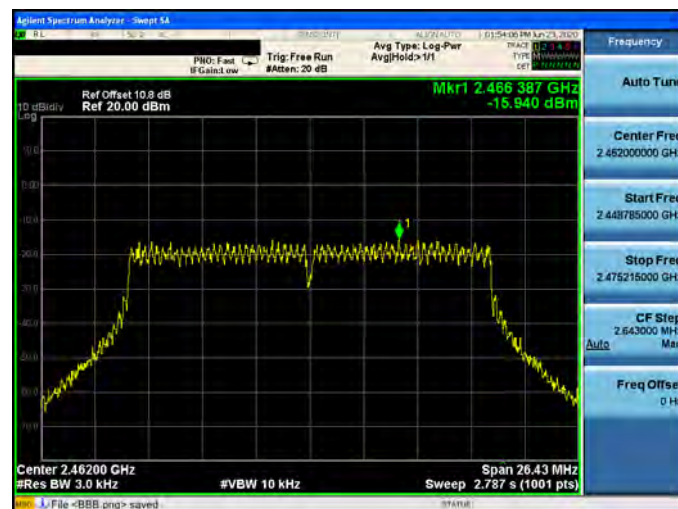
2412 MHz



2437 MHz



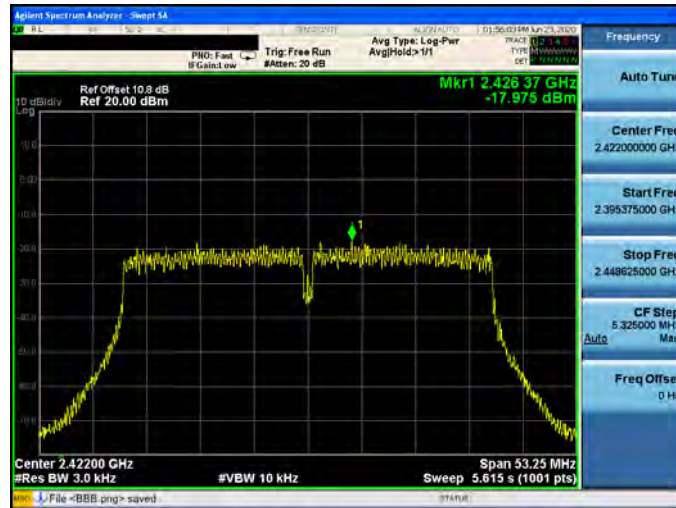
2462 MHz



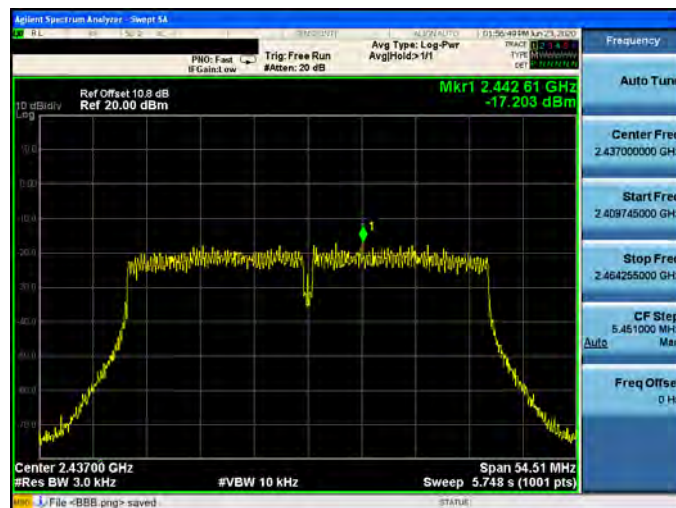


Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX mode _ANT-1

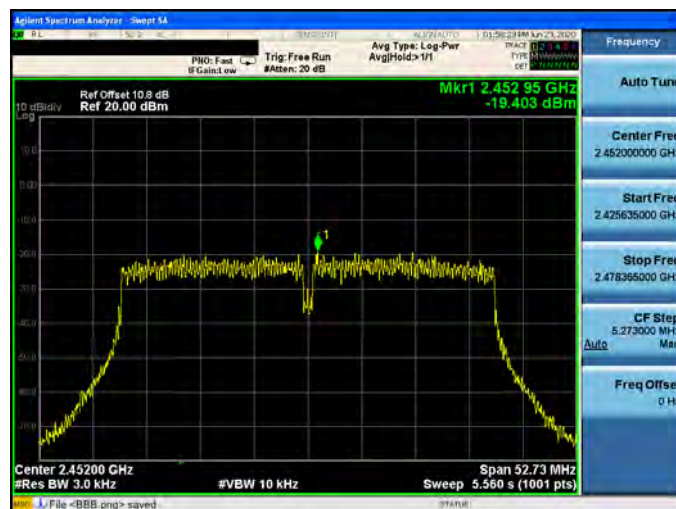
2422 MHz



2437 MHz



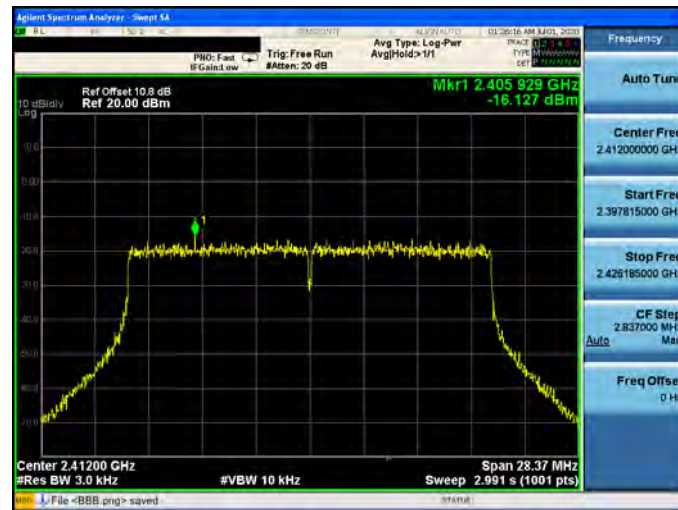
2452 MHz





Mode 6: IEEE 802.11ax 2.4 GHz 20 MHz Continuous TX mode_ANT-1

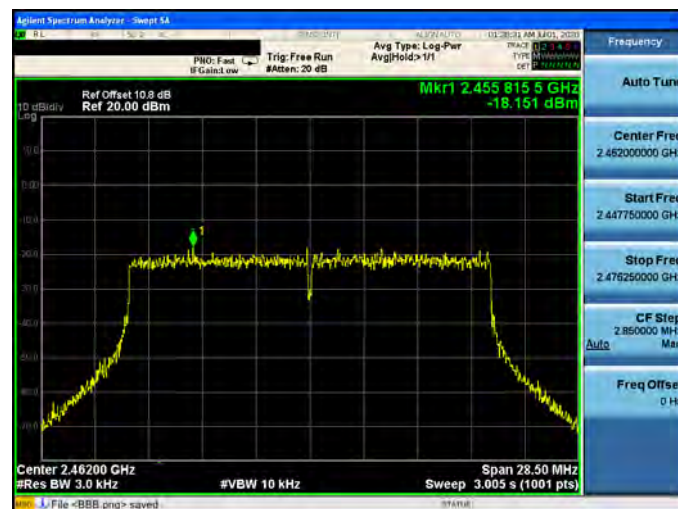
2412 MHz



2437 MHz

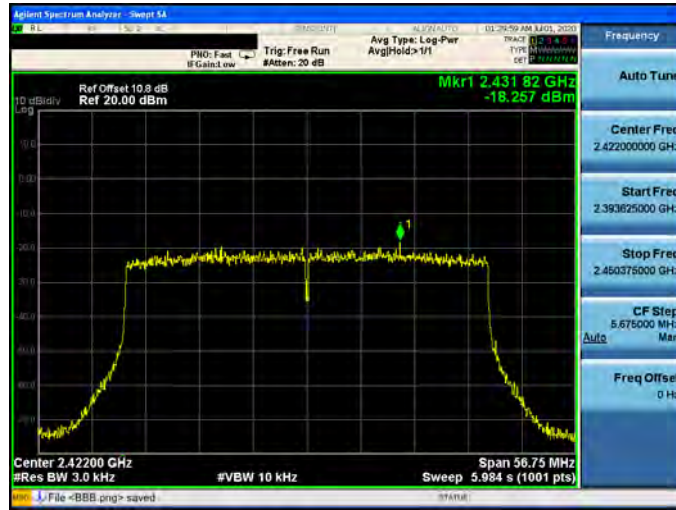


2462 MHz

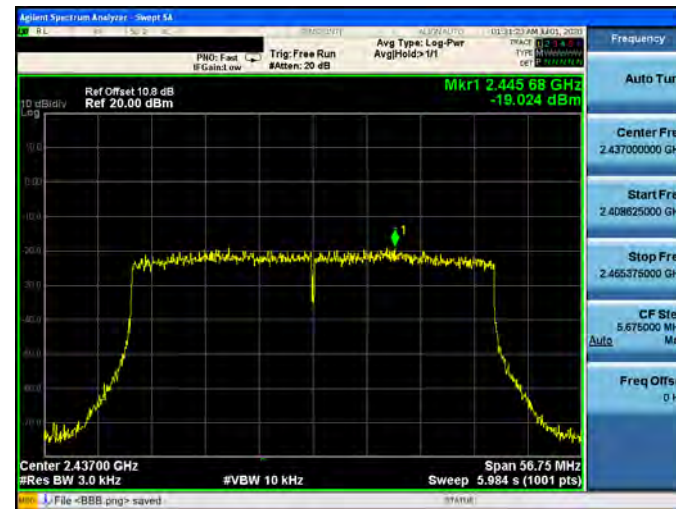


Mode 7: IEEE 802.11ax 2.4 GHz 40 MHz Continuous TX mode_ANT-1

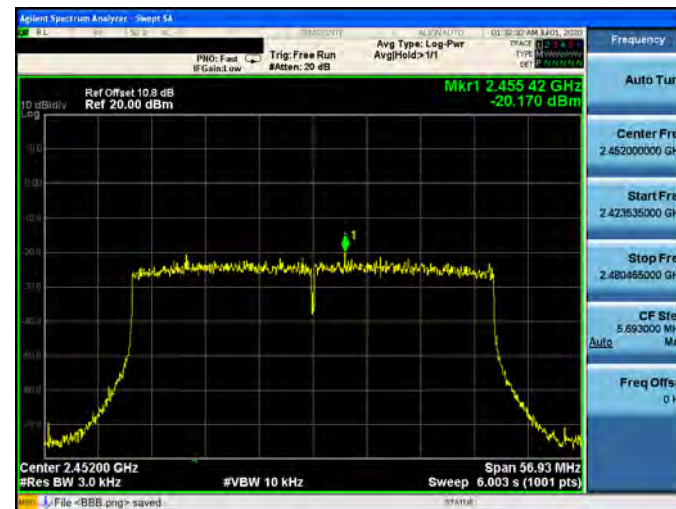
2422 MHz



2437 MHz

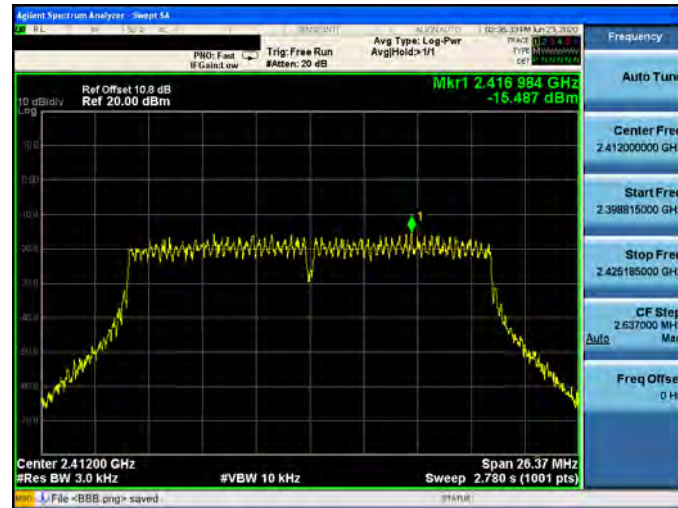


2452 MHz

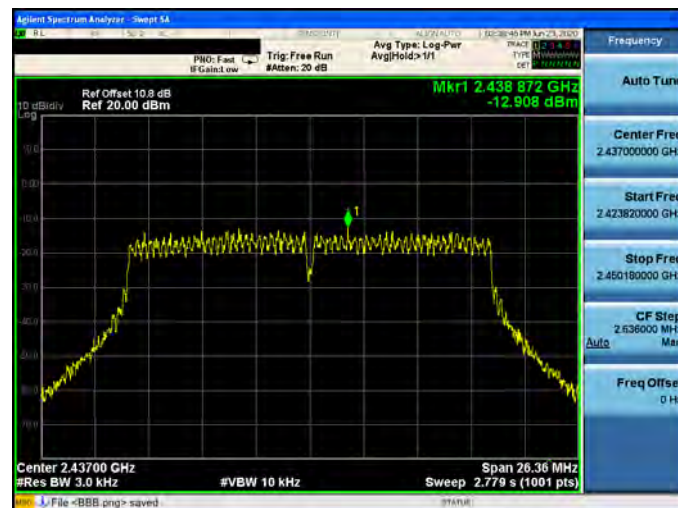


Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX mode _ANT-2

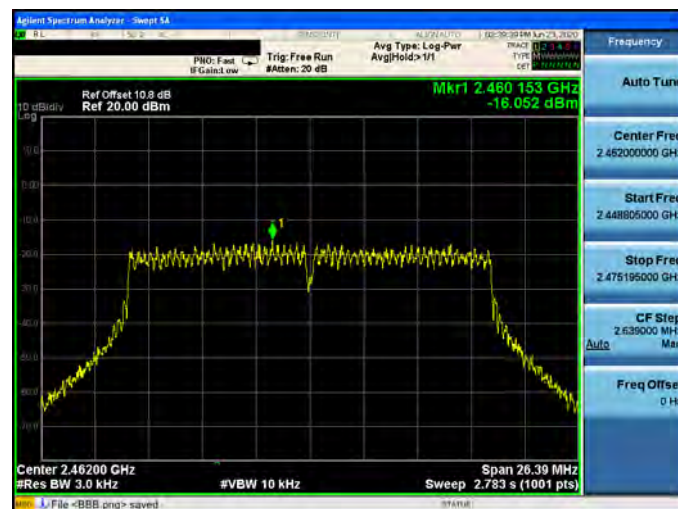
2412 MHz



2437 MHz



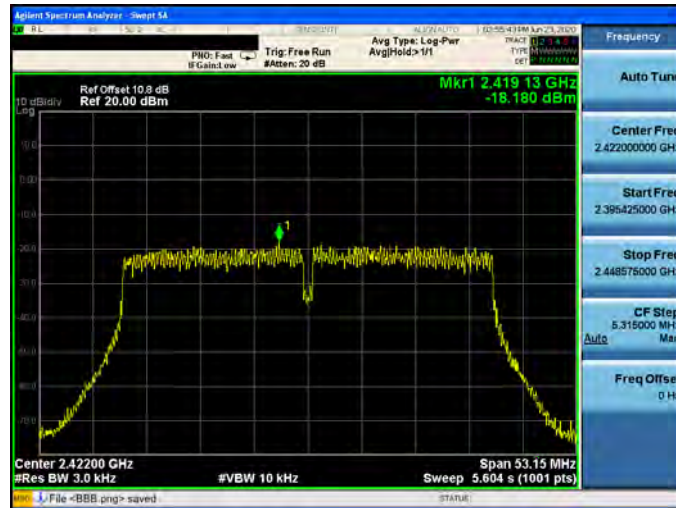
2462 MHz



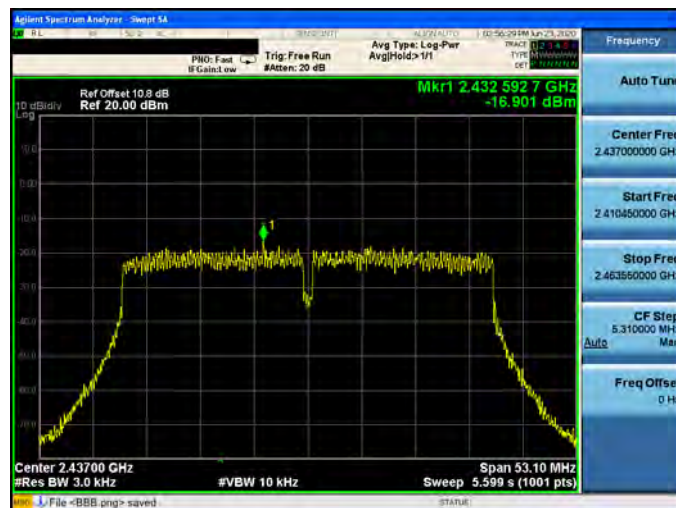


Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX mode _ANT-2

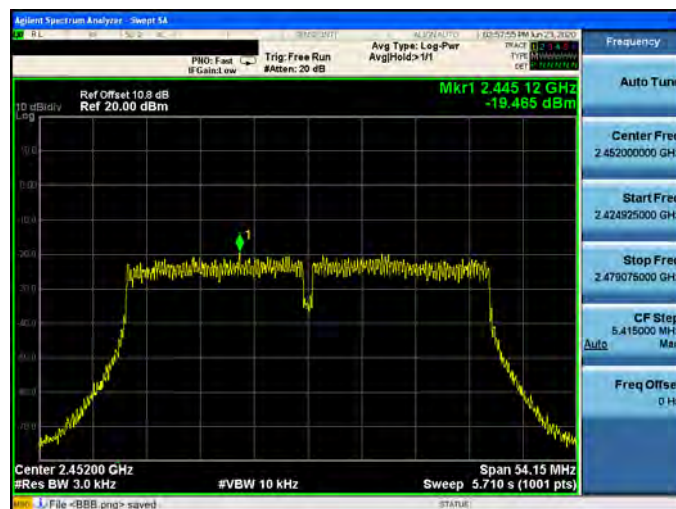
2422 MHz



2437 MHz



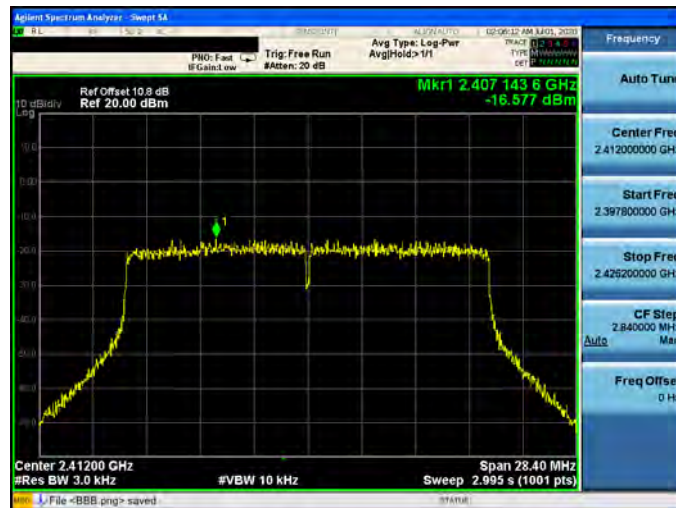
2452 MHz



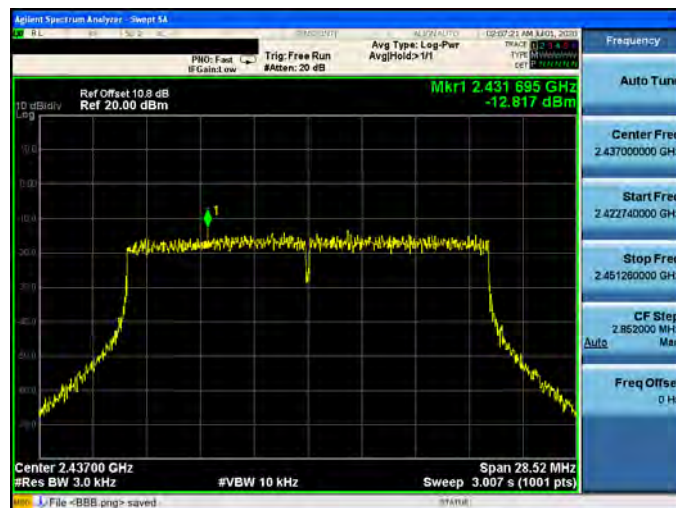


Mode 6: IEEE 802.11ax 2.4 GHz 20 MHz Continuous TX mode_ANT-2

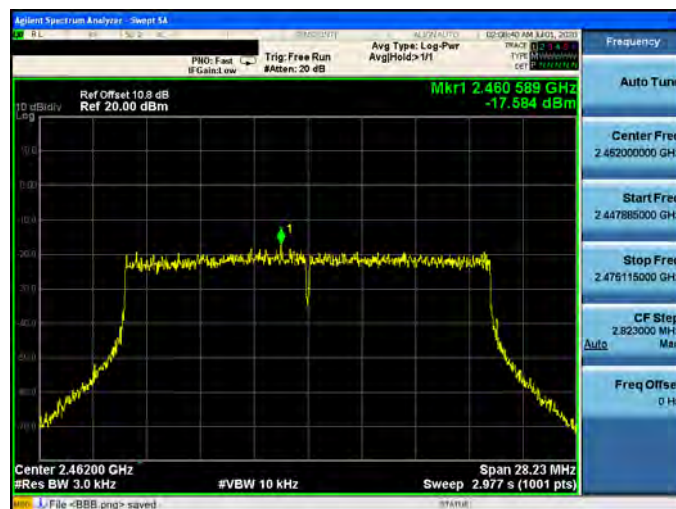
2412 MHz



2437 MHz



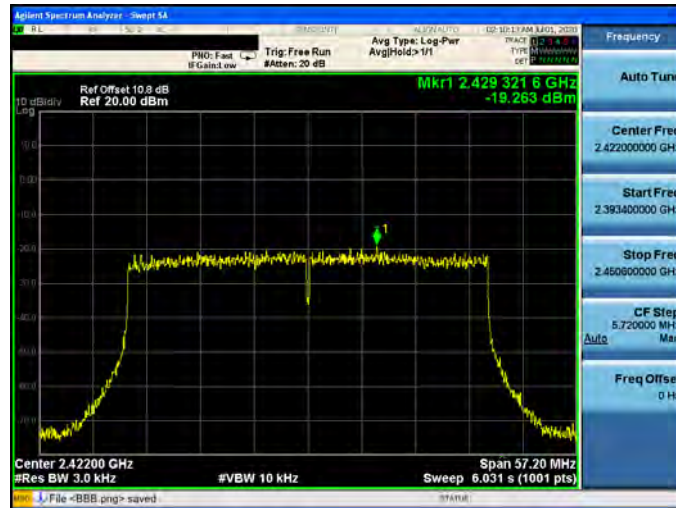
2462 MHz



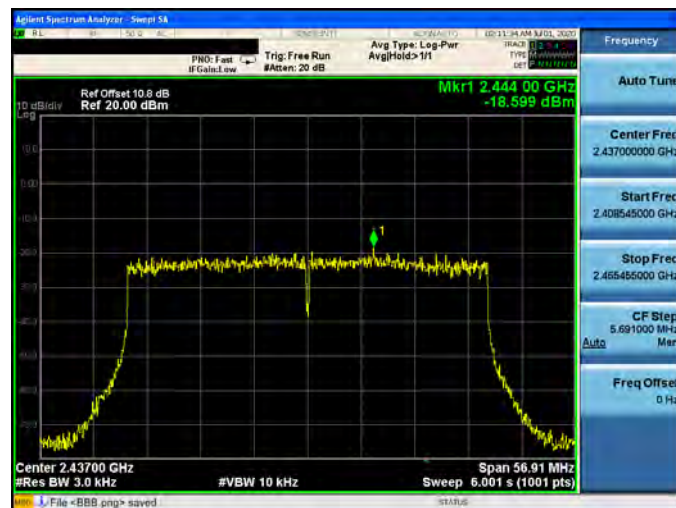


Mode 7: IEEE 802.11ax 2.4 GHz 40 MHz Continuous TX mode_ANT-2

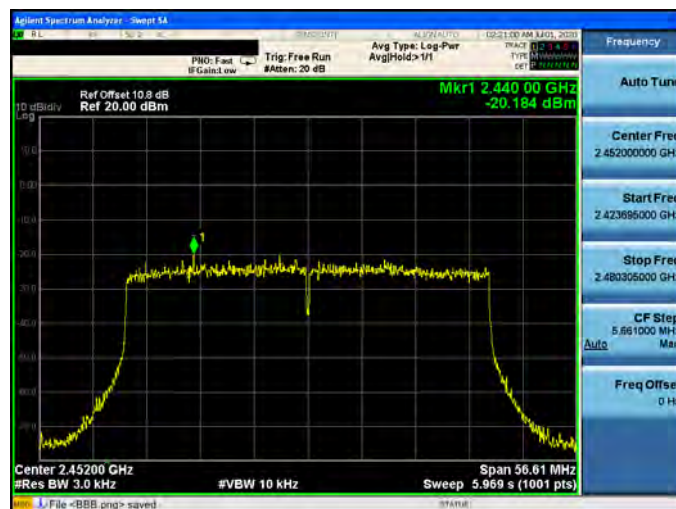
2422 MHz



2437 MHz

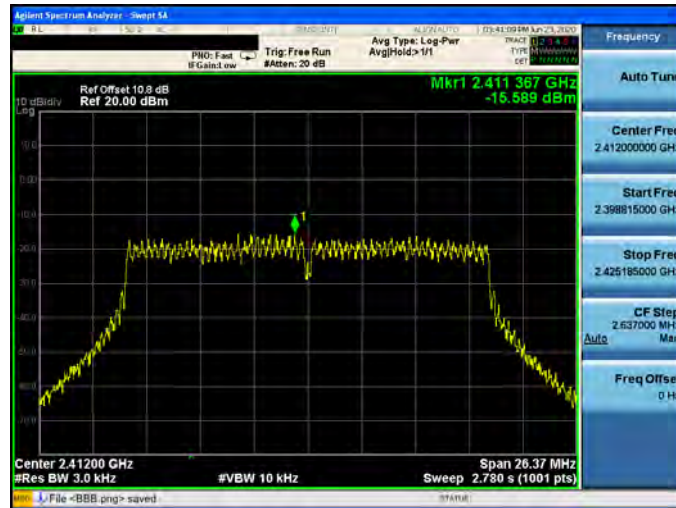


2452 MHz

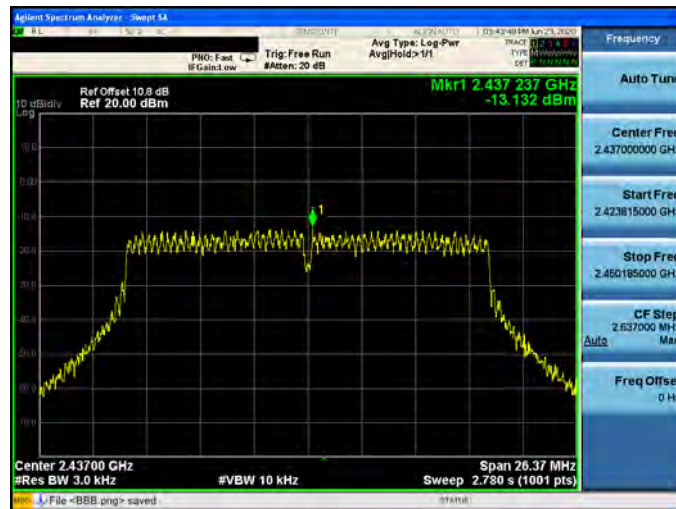


Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX mode _ANT-3

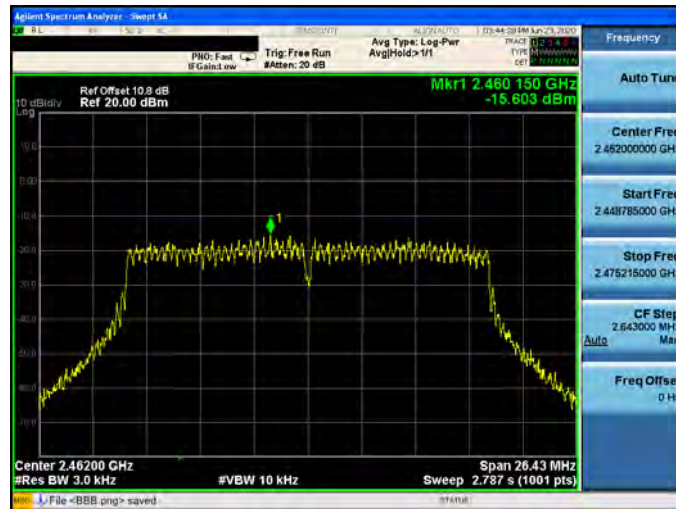
2412 MHz



2437 MHz



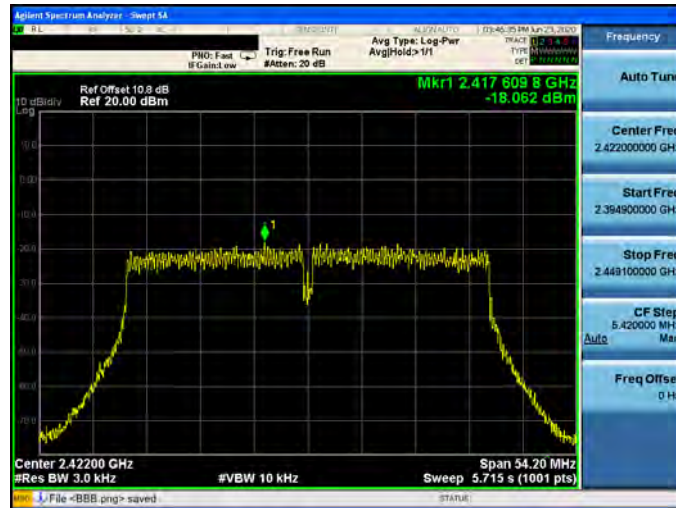
2462 MHz



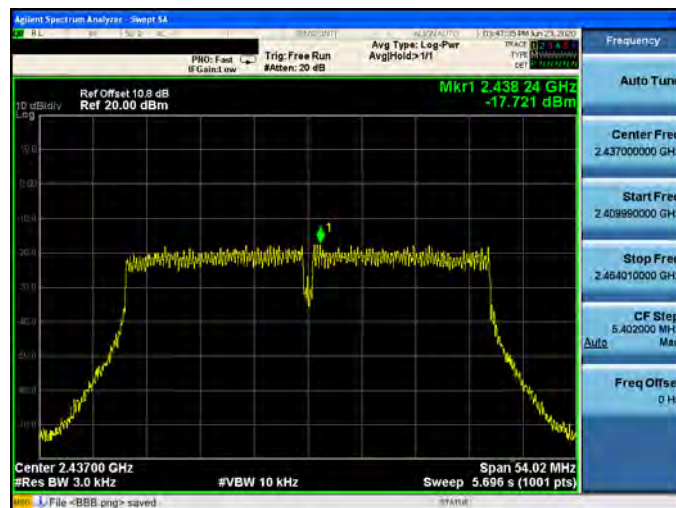


Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX mode _ANT-3

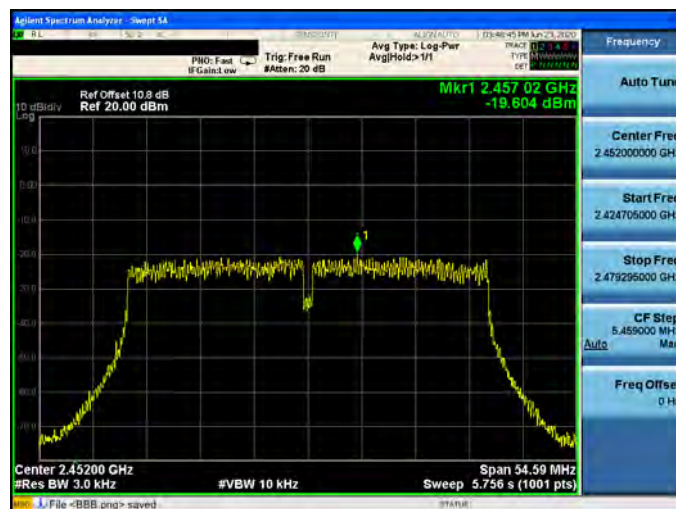
2422 MHz



2437 MHz



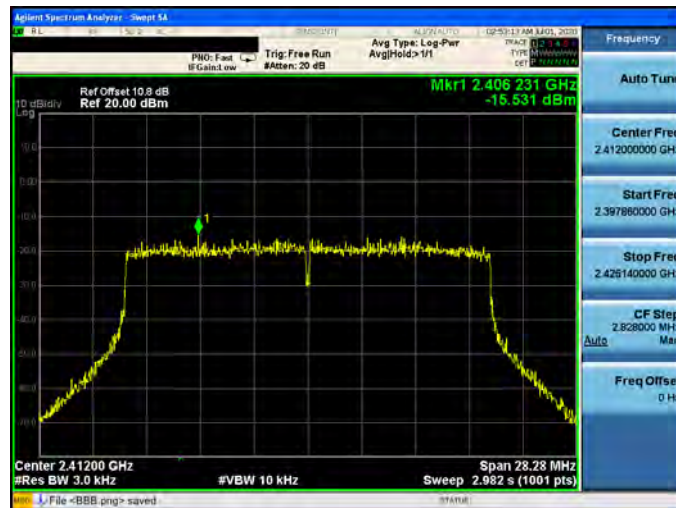
2452 MHz



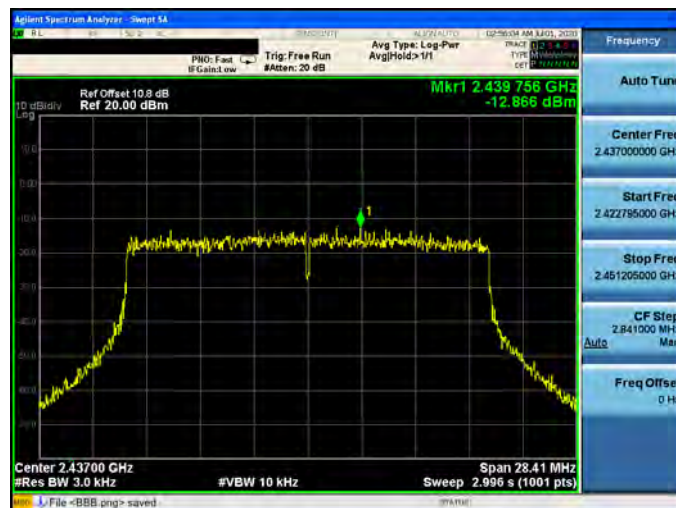


Mode 6: IEEE 802.11ax 2.4 GHz 20 MHz Continuous TX mode_ANT-3

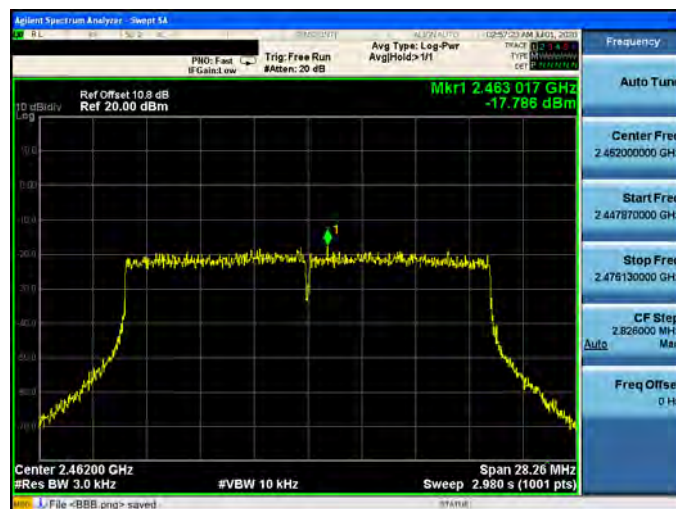
2412 MHz



2437 MHz

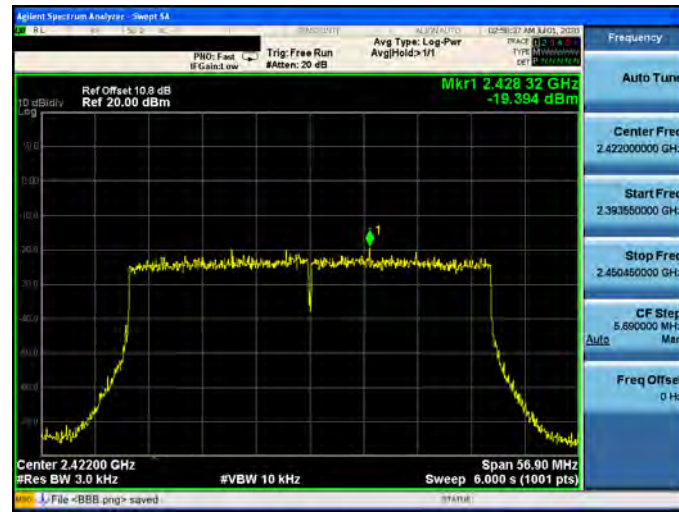


2462 MHz

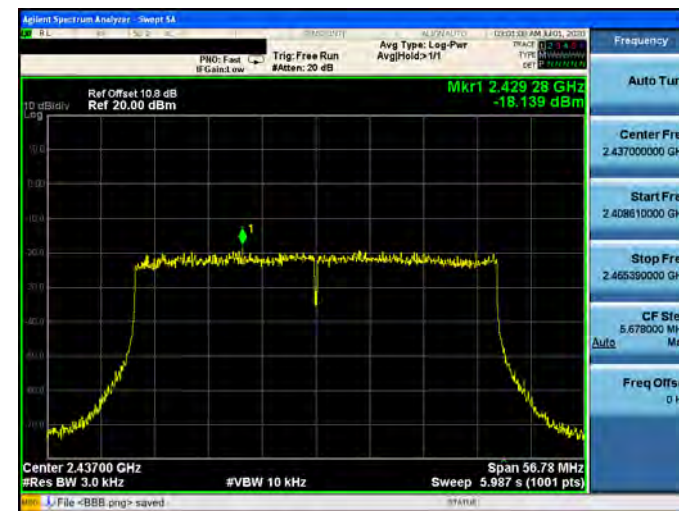


Mode 7: IEEE 802.11ax 2.4 GHz 40 MHz Continuous TX mode_ANT-3

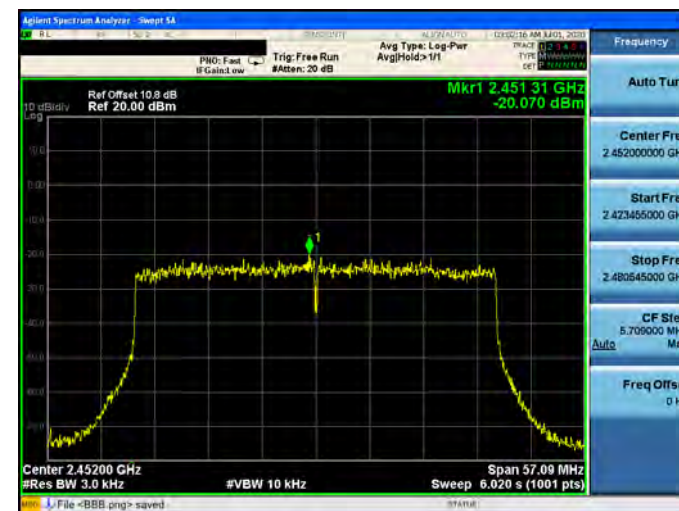
2422 MHz



2437 MHz



2452 MHz



Out of Band Conducted Emissions Measurement

■ Test Graphs

Reference level

Mode 3: IEEE 802.11g Continuous TX mode_ANT-0

2412 MHz



2437 MHz



2462 MHz





Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX mode _ANT-0

2412 MHz



2437 MHz



2462 MHz





Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX mode _ANT-0

2422 MHz



2437 MHz



2452 MHz





Mode 6: IEEE 802.11ax 2.4 GHz 20 MHz Continuous TX mode_ANT-0

2412 MHz



2437 MHz



2462 MHz





Mode 7: IEEE 802.11ax 2.4 GHz 40 MHz Continuous TX mode_ANT-0

2422 MHz



2437 MHz



2452 MHz





Mode 2: IEEE 802.11b Continuous TX mode_ANT-1

2412 MHz



2437 MHz



2462 MHz





Mode 3: IEEE 802.11g Continuous TX mode_ANT-1

2412 MHz



2437 MHz



2462 MHz



Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX mode _ANT-1

2412 MHz



2437 MHz



2462 MHz





Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX mode _ANT-1

2422 MHz



2437 MHz



2452 MHz





Mode 6: IEEE 802.11ax 2.4 GHz 20 MHz Continuous TX mode_ANT-1

2412 MHz



2437 MHz



2462 MHz





Mode 7: IEEE 802.11ax 2.4 GHz 40 MHz Continuous TX mode_ANT-1

2422 MHz



2437 MHz



2452 MHz





Mode 3: IEEE 802.11g Continuous TX mode_ANT-2

2412 MHz



2437 MHz



2462 MHz





Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX mode _ANT-2

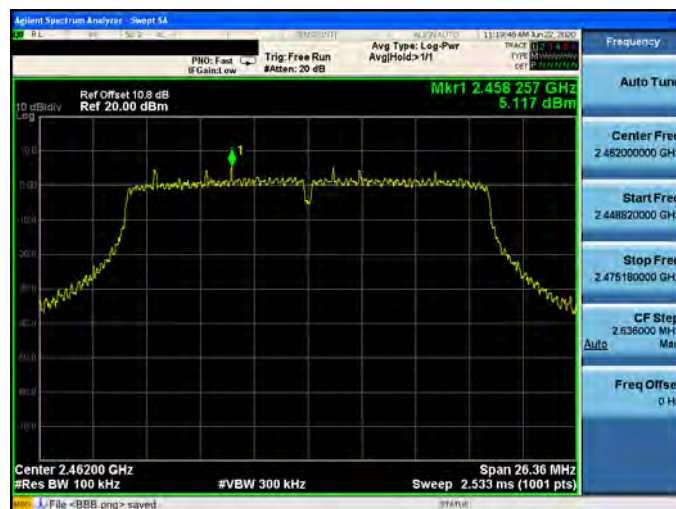
2412 MHz



2437 MHz



2462 MHz



Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX mode _ANT-2

2422 MHz



2437 MHz



2452 MHz



Mode 6: IEEE 802.11ax 2.4 GHz 20 MHz Continuous TX mode_ANT-2

2412 MHz



2437 MHz



2462 MHz



Mode 7: IEEE 802.11ax 2.4 GHz 40 MHz Continuous TX mode_ANT-2

2422 MHz



2437 MHz



2452 MHz





Mode 3: IEEE 802.11g Continuous TX mode_ANT-3

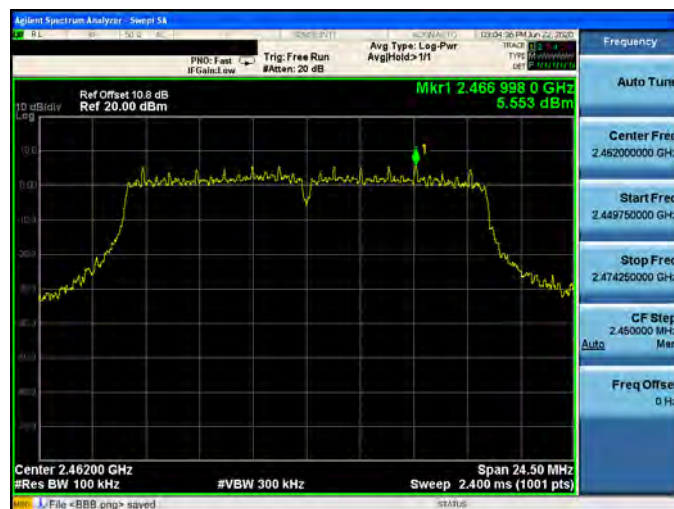
2412 MHz



2437 MHz



2462 MHz





Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX mode _ANT-3

2412 MHz



2437 MHz



2462 MHz





Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX mode _ANT-3

2422 MHz



2437 MHz



2452 MHz





Mode 6: IEEE 802.11ax 2.4 GHz 20 MHz Continuous TX mode_ANT-3

2412 MHz



2437 MHz



2462 MHz





Mode 7: IEEE 802.11ax 2.4 GHz 40 MHz Continuous TX mode_ANT-3

2422 MHz



2437 MHz



2452 MHz





Beamforming on

Reference level

Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX mode_ANT-0

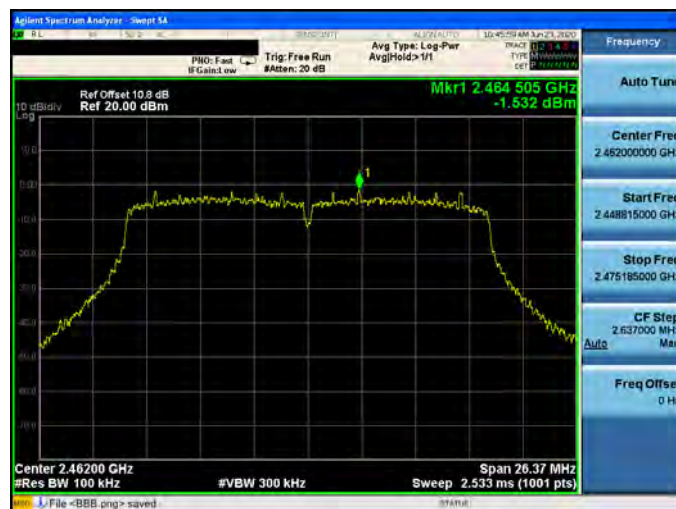
2412 MHz



2437 MHz



2462 MHz





Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX mode _ANT-0

2422 MHz



2437 MHz



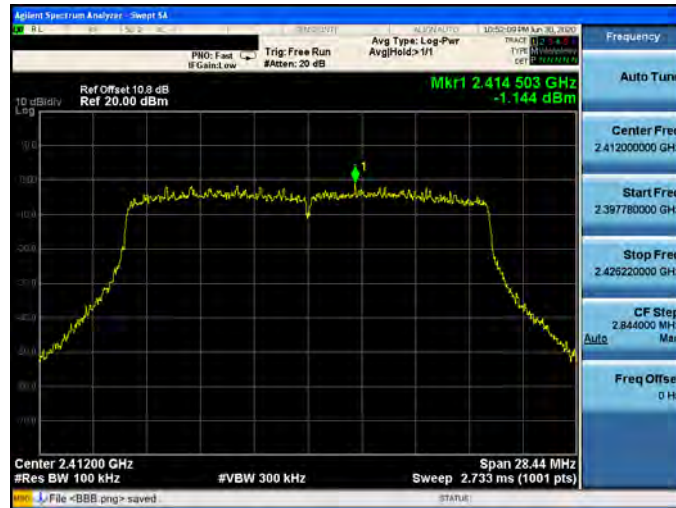
2452 MHz





Mode 6: IEEE 802.11ax 2.4 GHz 20 MHz Continuous TX mode_ANT-0

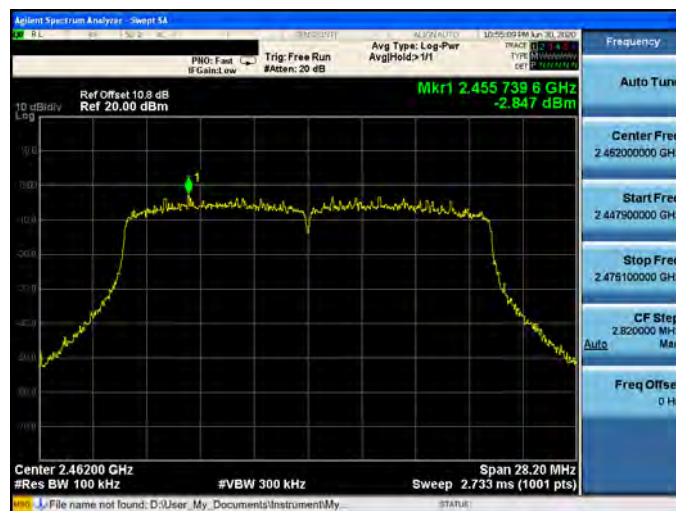
2412 MHz



2437 MHz



2462 MHz





Mode 7: IEEE 802.11ax 2.4 GHz 40 MHz Continuous TX mode_ANT-0

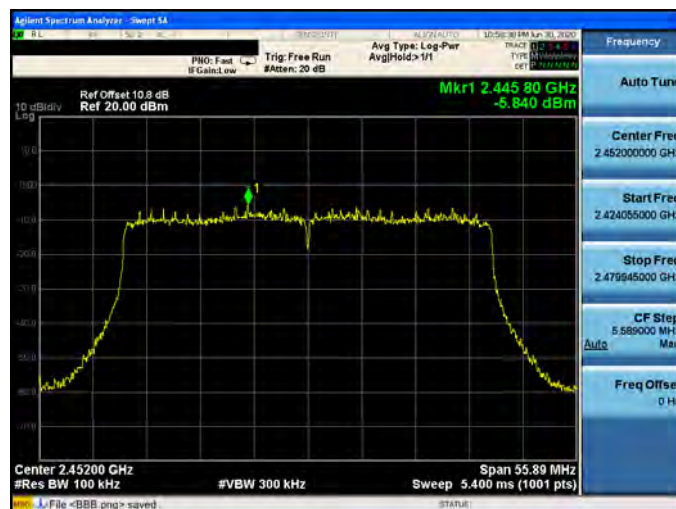
2422 MHz



2437 MHz



2452 MHz



Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX mode _ANT-1

2412 MHz



2437 MHz



2462 MHz





Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX mode _ANT-1

2422 MHz

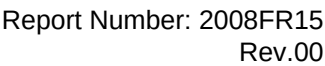


2437 MHz



2452 MHz





Mode 6: IEEE 802.11ax 2.4 GHz 20 MHz Continuous TX mode_ANT-1

2412 MHz

Agilent Spectrum Analyzer - Sweep 54

Ref Offset: 10.0 dB
Ref: 20.00 dBm

Mkr1 2.419 490 GHz
-1.294 dBm

Center 2.41200 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 2.733 ms (1001 pts)

Span 28.37 MHz

File <BBB.png> saved

Frequency

Auto Tune

Center Freq 2.41200000 GHz

Start Freq 2.397815000 GHz

Stop Freq 2.426185000 GHz

CF Step 2.837000 MHz

Auto

Freq Offset 0 Hz

2437 MHz

Agilent Spectrum Analyzer - Sweep 54

Ref Offset: 10.0 dB
Ref: 20.00 dBm

Mkr1 2.438 256 GHz
1.428 dBm

Center 2.43700 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 2.733 ms (1001 pts)

Span 28.55 MHz

File <BBB.png> saved

Frequency

Auto Tune

Center Freq 2.43700000 GHz

Start Freq 2.422725000 GHz

Stop Freq 2.451275000 GHz

CF Step 2.856000 MHz

Auto

Freq Offset 0 Hz

2462 MHz

Agilent Spectrum Analyzer - Sweep 54

Ref Offset: 10.0 dB
Ref: 20.00 dBm

Mkr1 2.466 987.5 GHz
-2.815 dBm

Center 2.46200 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 2.733 ms (1001 pts)

Span 28.50 MHz

File <BBB.png> saved

Frequency

Auto Tune

Center Freq 2.46200000 GHz

Start Freq 2.447750000 GHz

Stop Freq 2.476250000 GHz

CF Step 2.850000 MHz

Auto

Freq Offset 0 Hz



Mode 7: IEEE 802.11ax 2.4 GHz 40 MHz Continuous TX mode_ANT-1

2422 MHz



2437 MHz



2452 MHz



Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX mode _ANT-2

2412 MHz



2437 MHz



2462 MHz





Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX mode _ANT-2

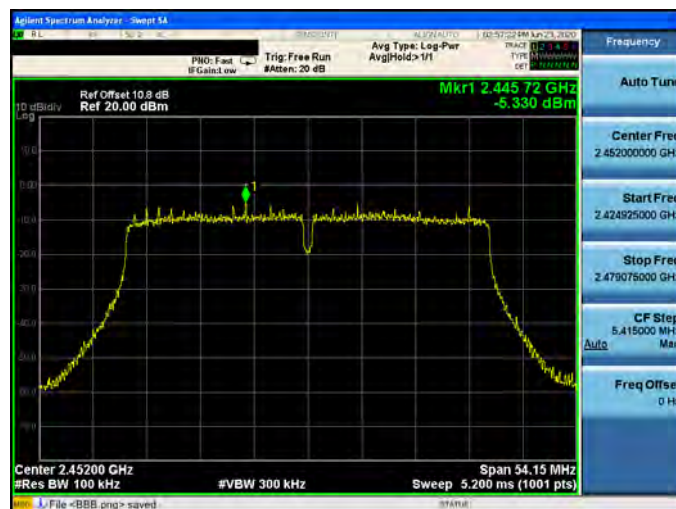
2422 MHz



2437 MHz



2452 MHz





Mode 6: IEEE 802.11ax 2.4 GHz 20 MHz Continuous TX mode_ANT-2

2412 MHz



2437 MHz



2462 MHz





Mode 7: IEEE 802.11ax 2.4 GHz 40 MHz Continuous TX mode_ANT-2

2422 MHz



2437 MHz



2452 MHz





Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX mode_ANT-3

2412 MHz



2437 MHz



2462 MHz





Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX mode _ANT-3

2422 MHz



2437 MHz



2452 MHz





Mode 6: IEEE 802.11ax 2.4 GHz 20 MHz Continuous TX mode_ANT-3

2412 MHz



2437 MHz



2462 MHz





Mode 7: IEEE 802.11ax 2.4 GHz 40 MHz Continuous TX mode_ANT-3

2422 MHz



2437 MHz



2452 MHz

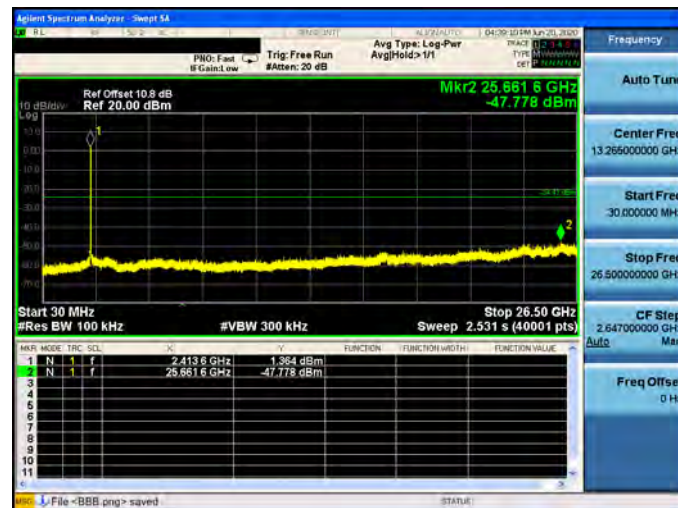




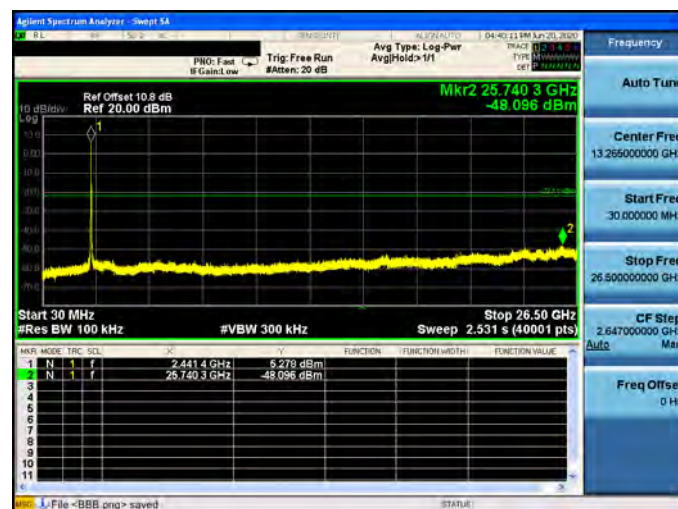
Out of Band Conducted Emissions

Mode 3: IEEE 802.11g Continuous TX mode_ANT-0

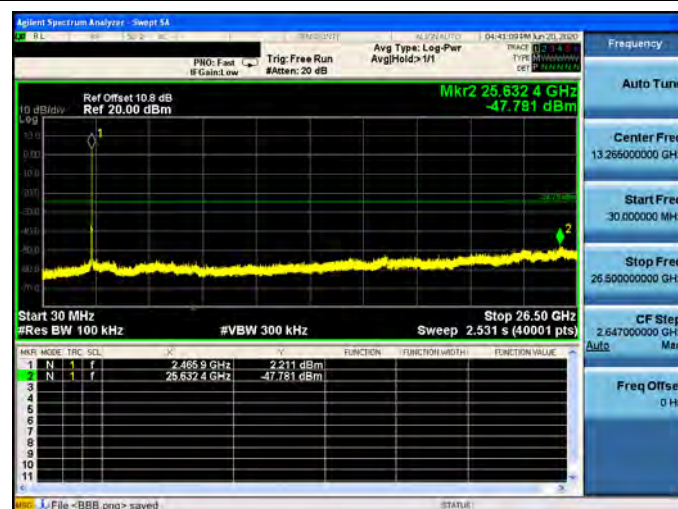
2412 MHz



2437 MHz



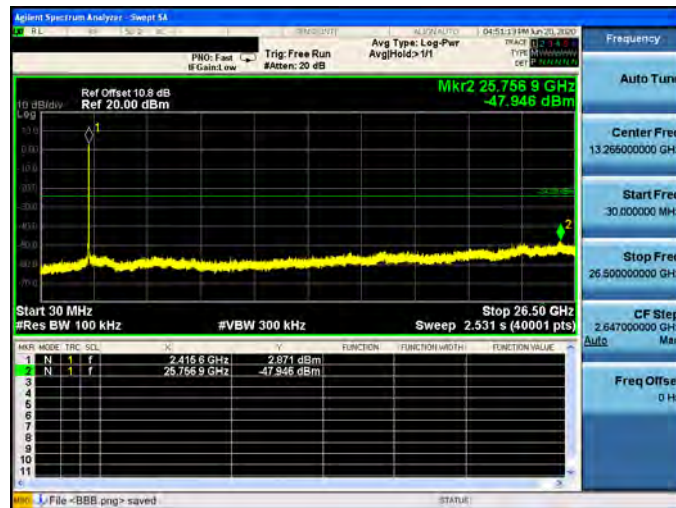
2462 MHz



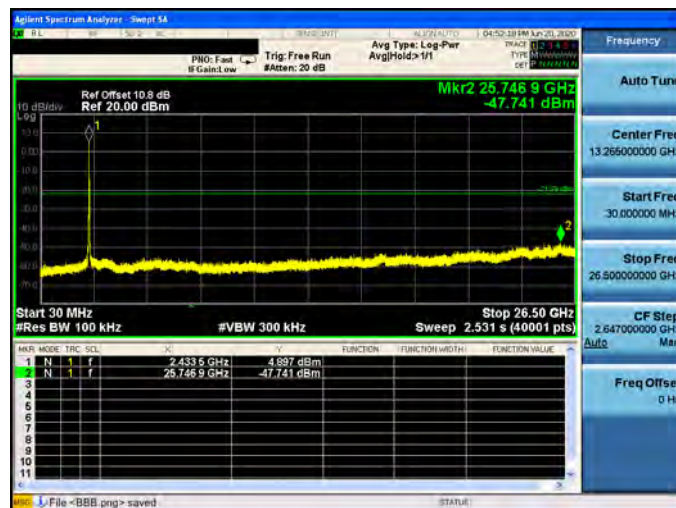


Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX mode _ANT-0

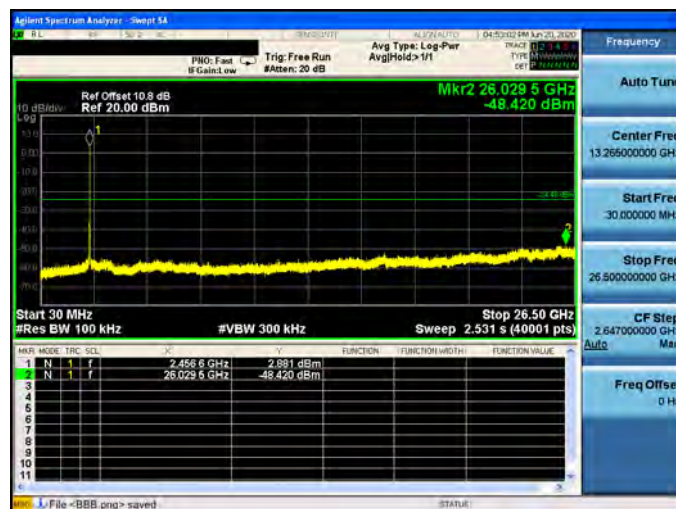
2412 MHz



2437 MHz



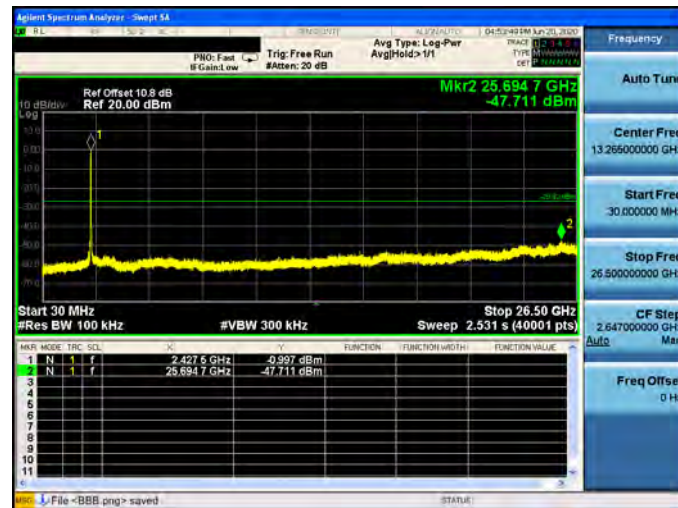
2462 MHz



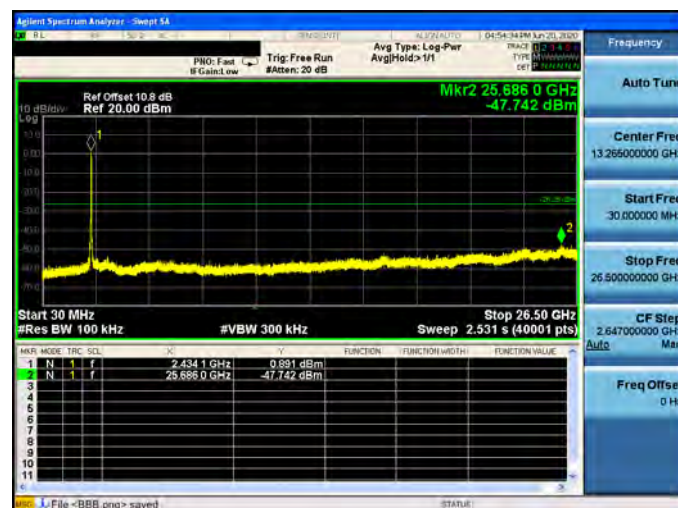


Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX mode _ANT-0

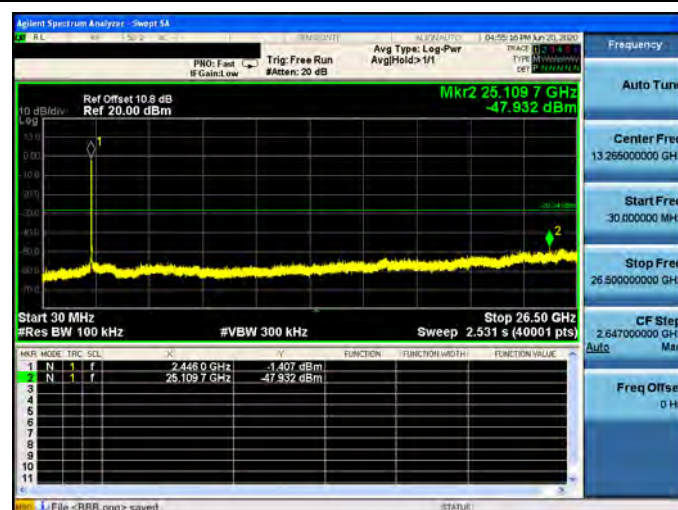
2422 MHz



2437 MHz



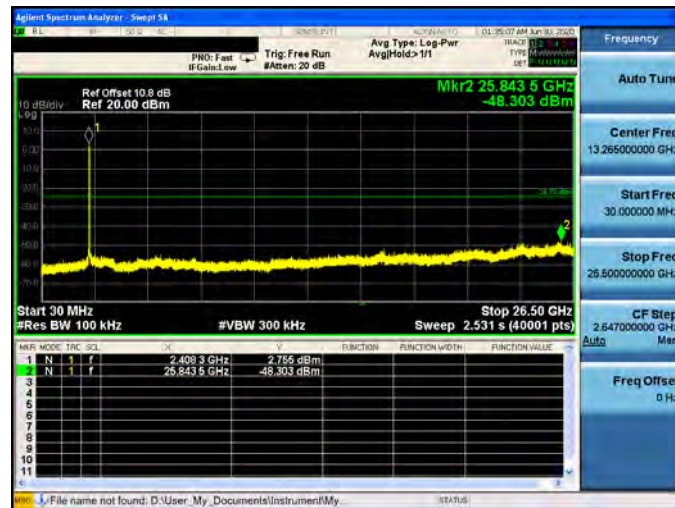
2452 MHz



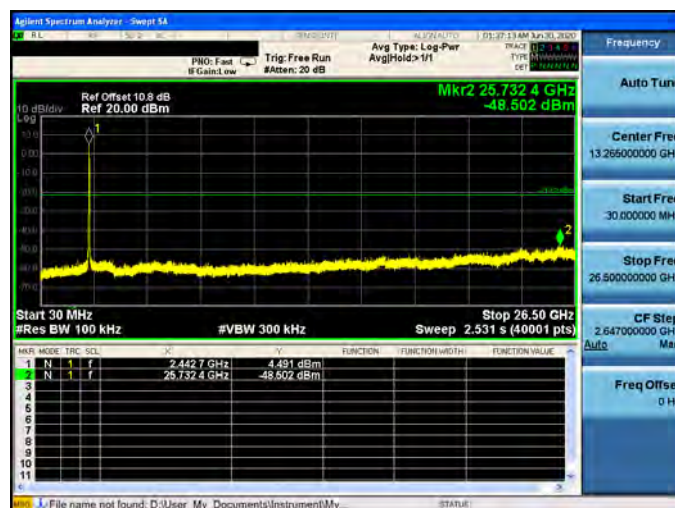


Mode 6: IEEE 802.11ax 2.4 GHz 20 MHz Continuous TX mode_ANT-0

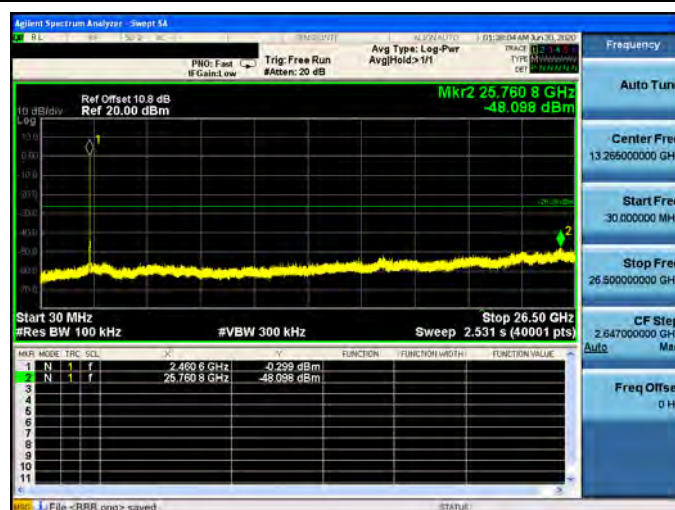
2412 MHz



2437 MHz



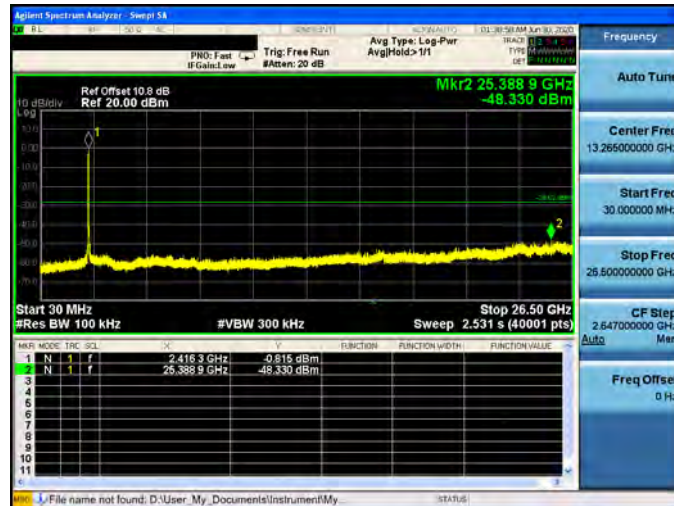
2462 MHz



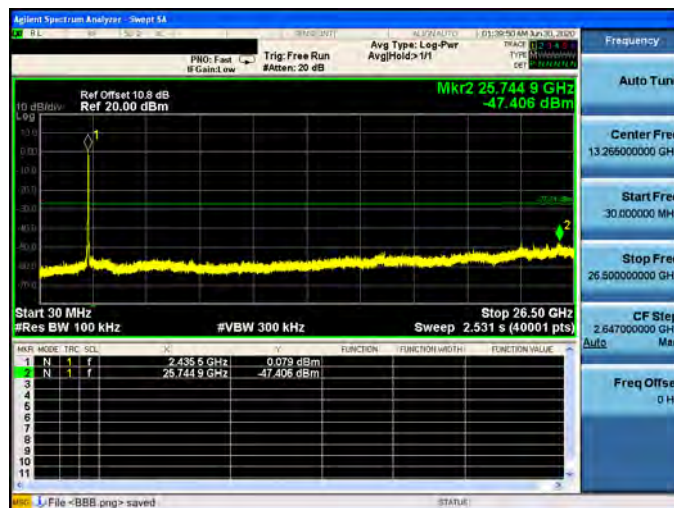


Mode 7: IEEE 802.11ax 2.4 GHz 40 MHz Continuous TX mode_ANT-0

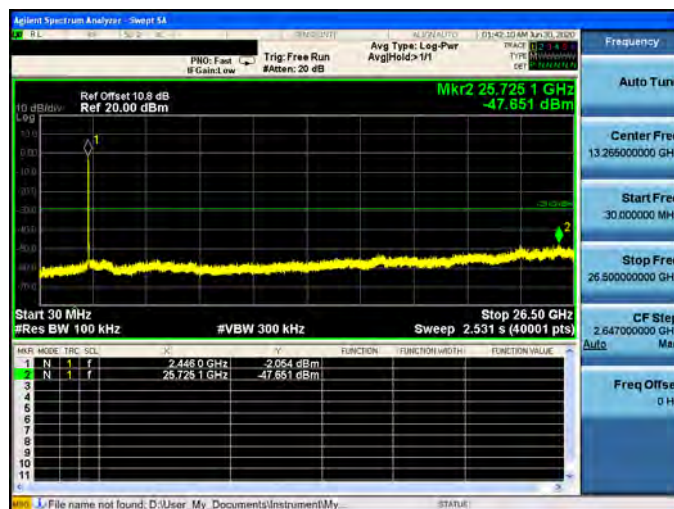
2422 MHz



2437 MHz



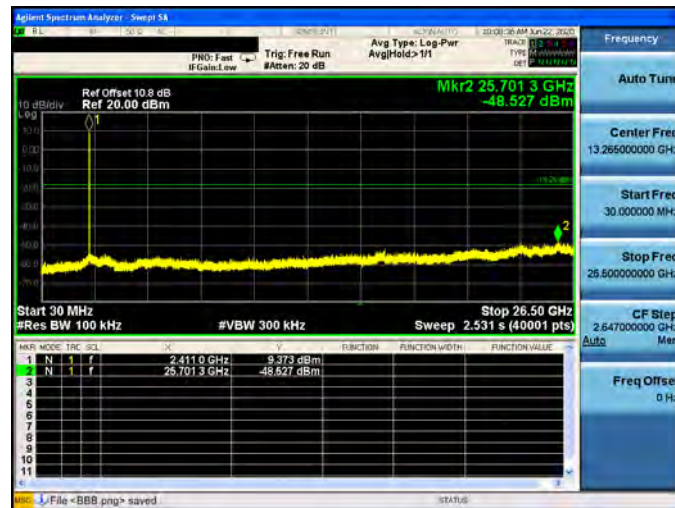
2452 MHz



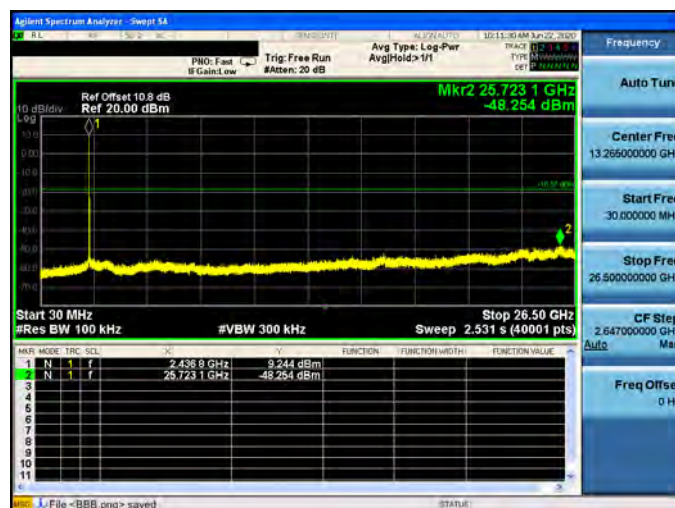


Mode 2: IEEE 802.11b Continuous TX mode_ANT-1

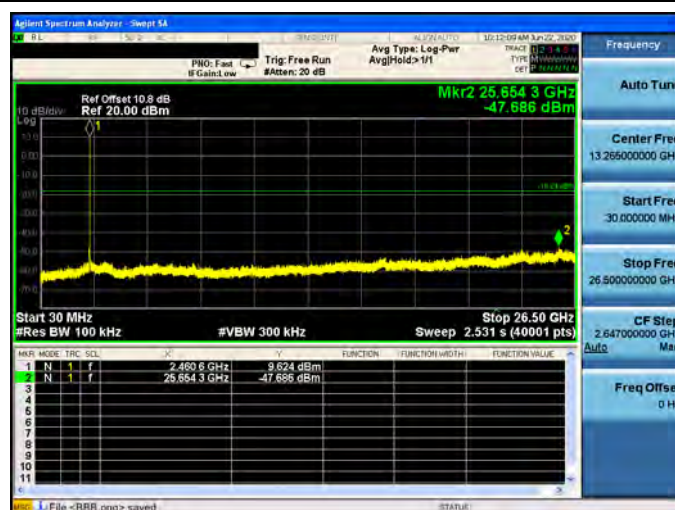
2412 MHz



2437 MHz



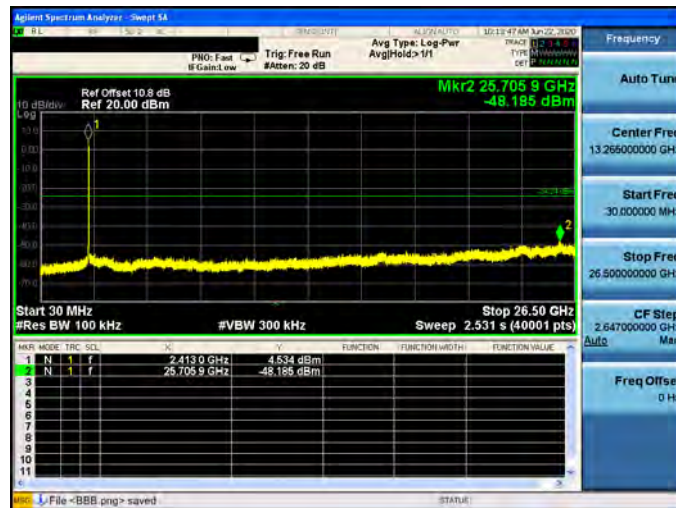
2462 MHz



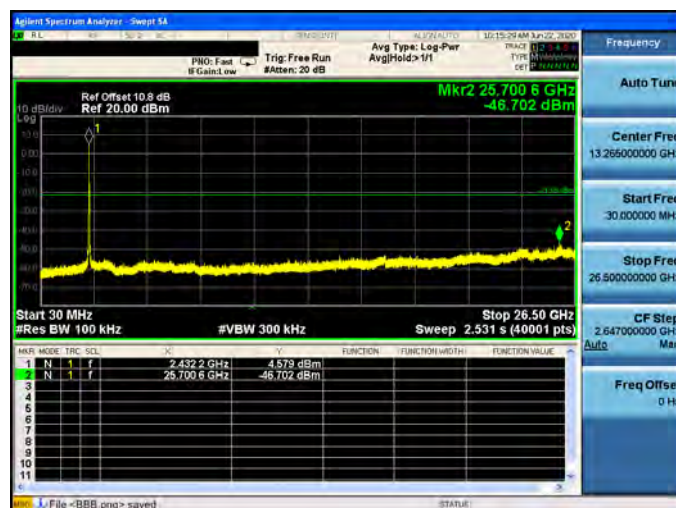


Mode 3: IEEE 802.11g Continuous TX mode_ANT-1

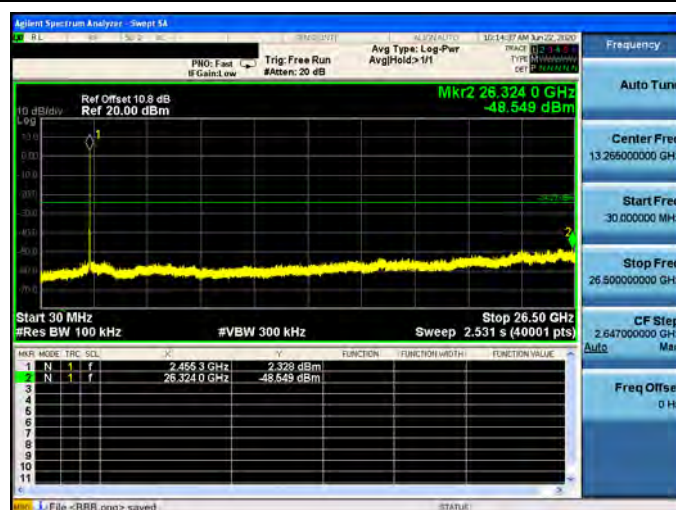
2412 MHz



2437 MHz



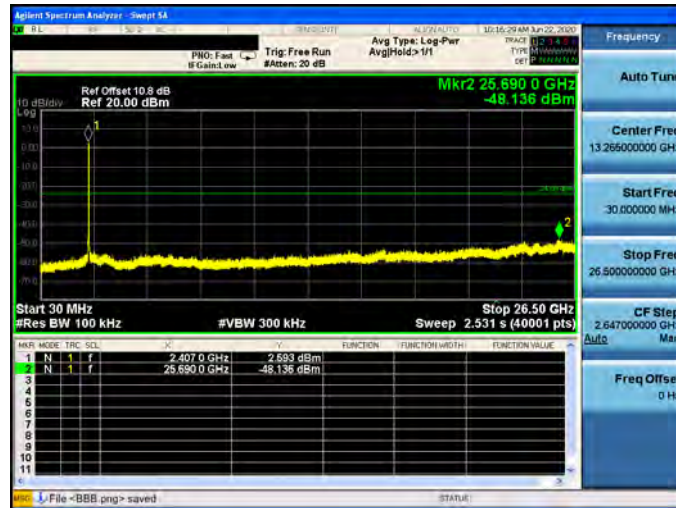
2462 MHz



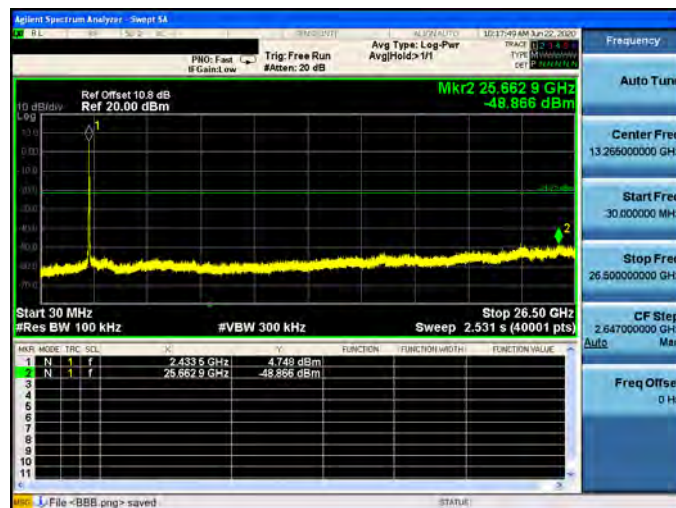


Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX mode _ANT-1

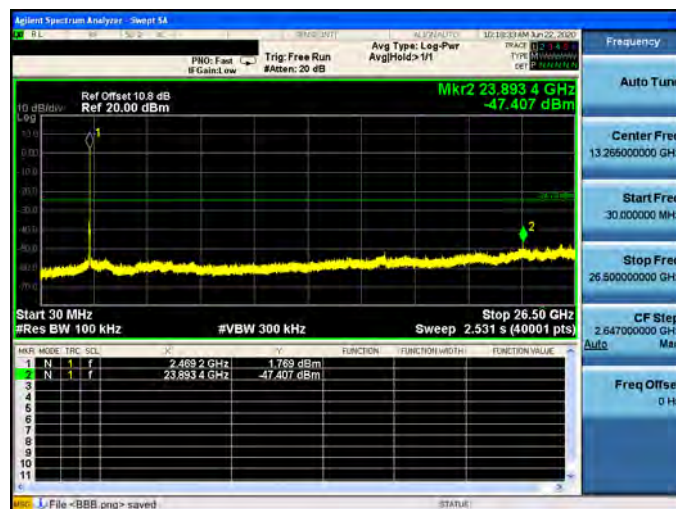
2412 MHz



2437 MHz



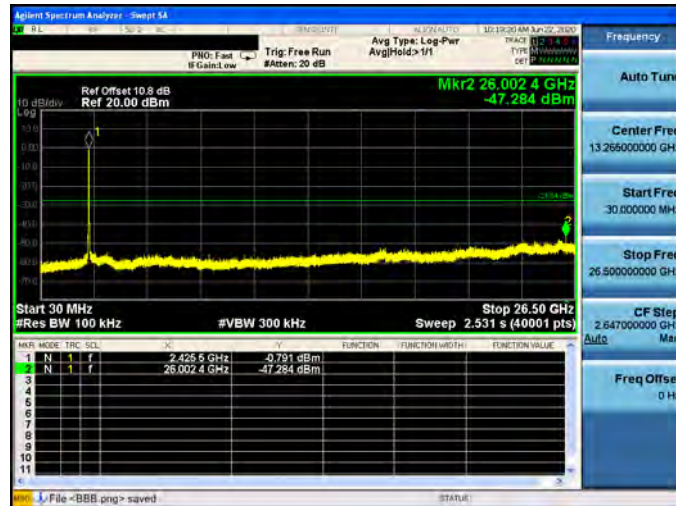
2462 MHz



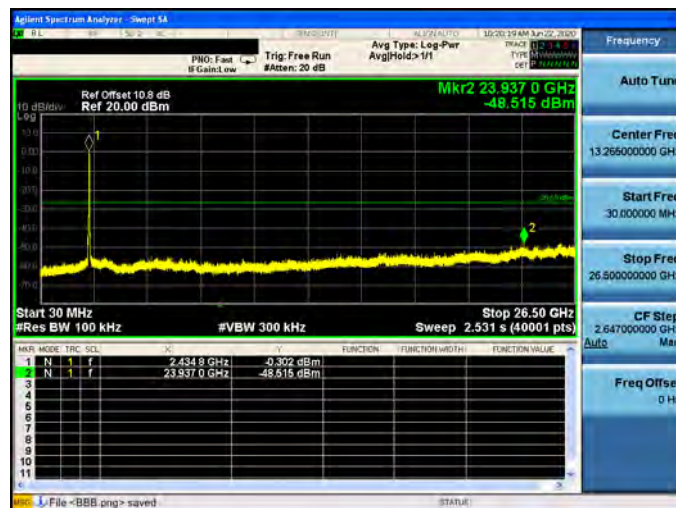


Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX mode _ANT-1

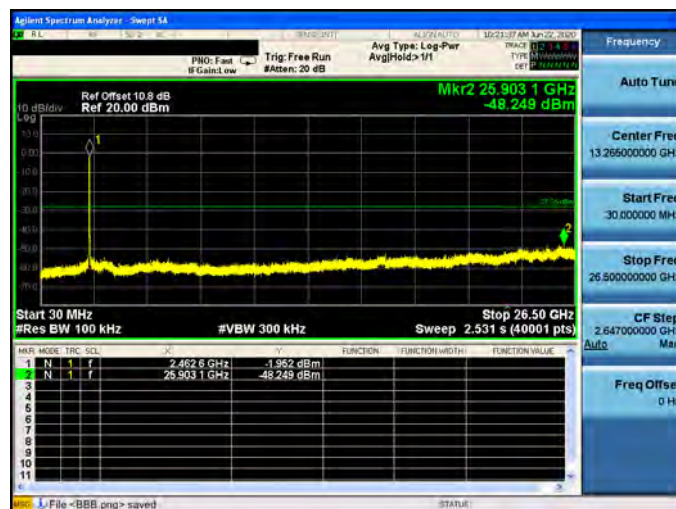
2422 MHz



2437 MHz



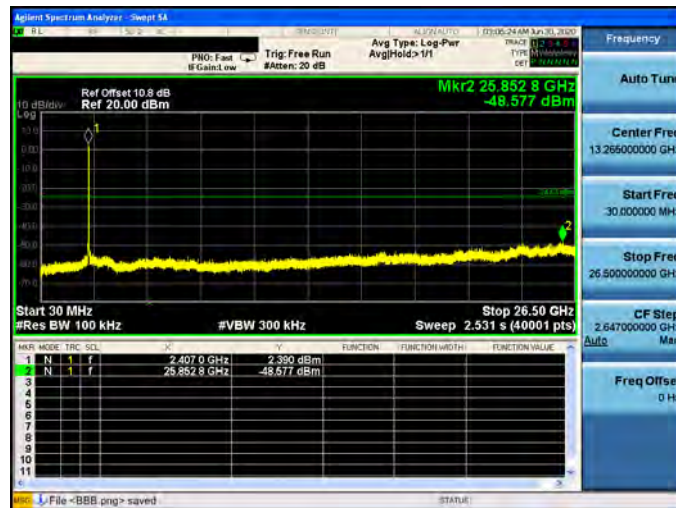
2452 MHz



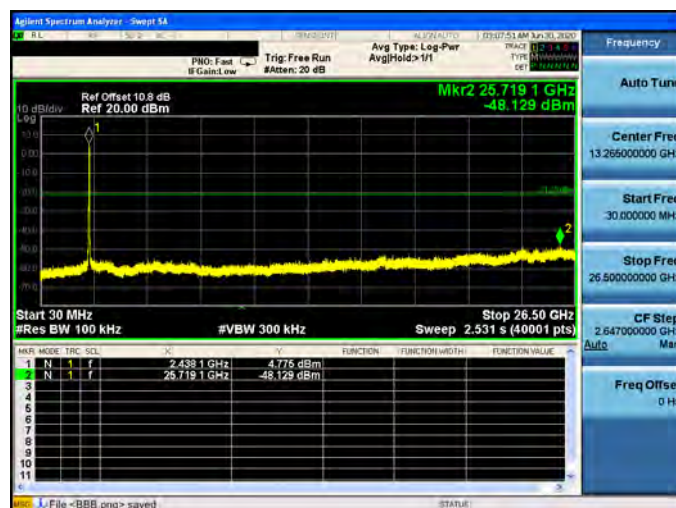


Mode 6: IEEE 802.11ax 2.4 GHz 20 MHz Continuous TX mode_ANT-1

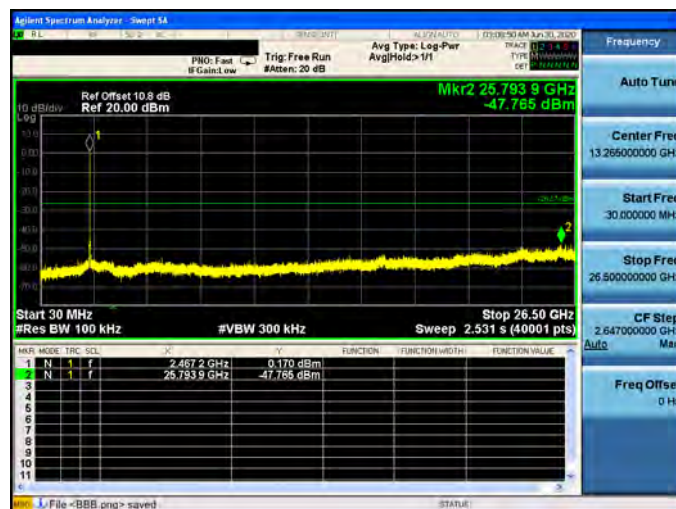
2412 MHz



2437 MHz



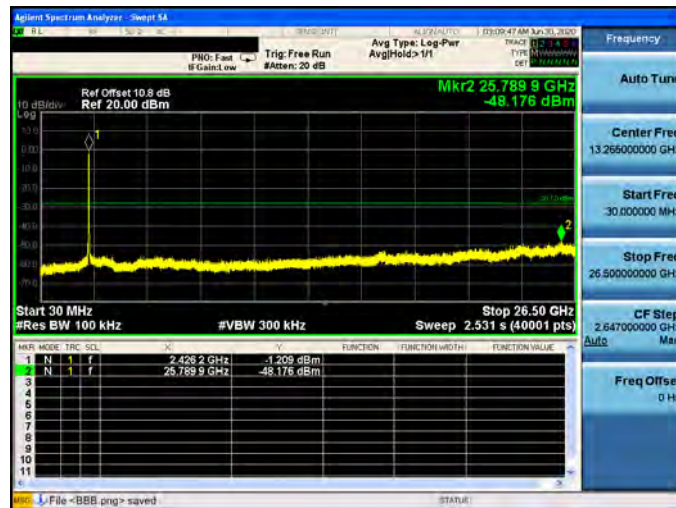
2462 MHz



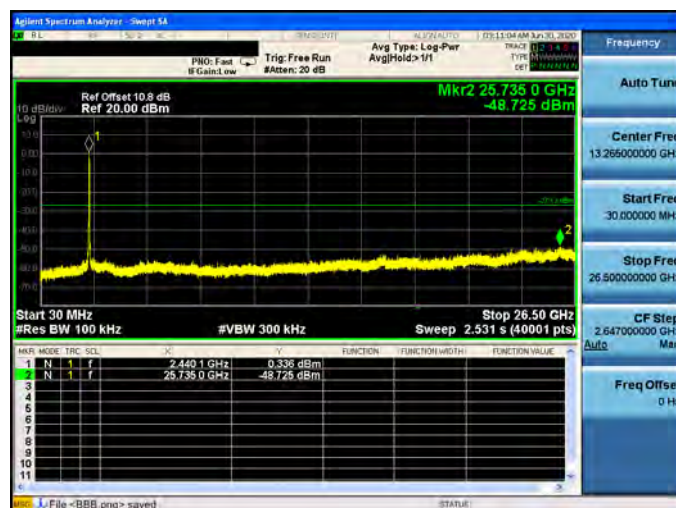


Mode 7: IEEE 802.11ax 2.4 GHz 40 MHz Continuous TX mode_ANT-1

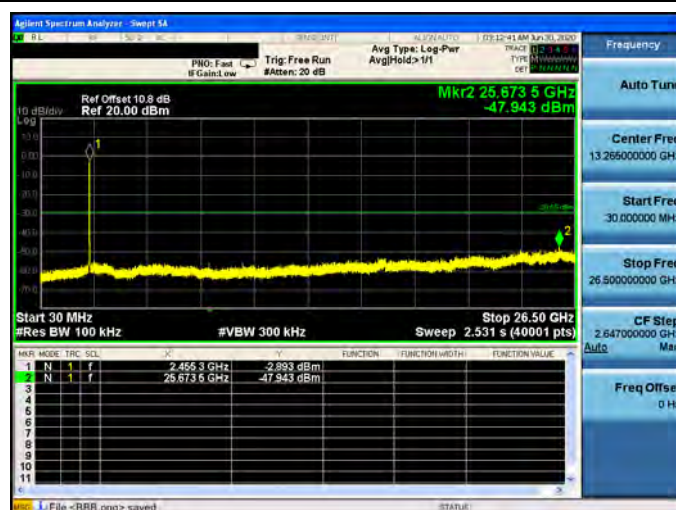
2422 MHz



2437 MHz



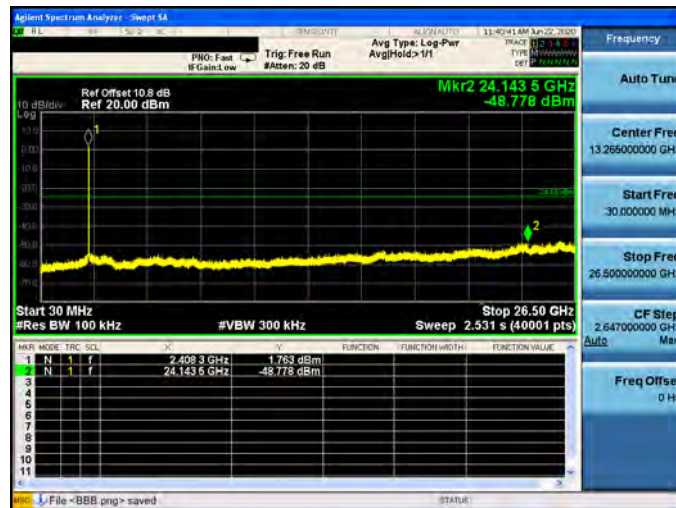
2452 MHz



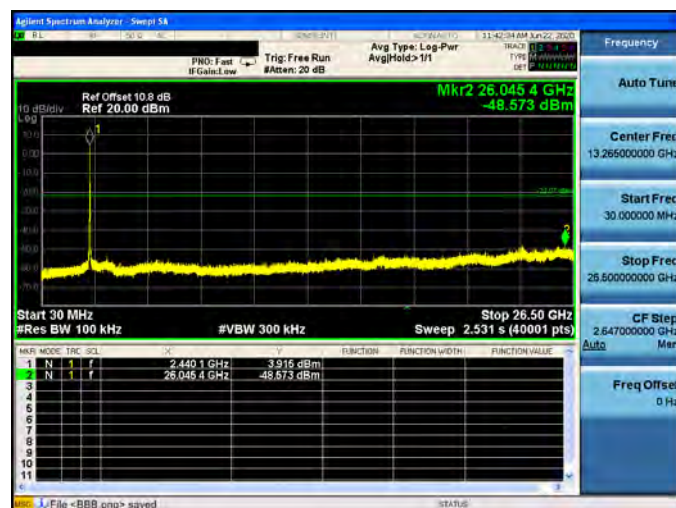


Mode 3: IEEE 802.11g Continuous TX mode_ANT-2

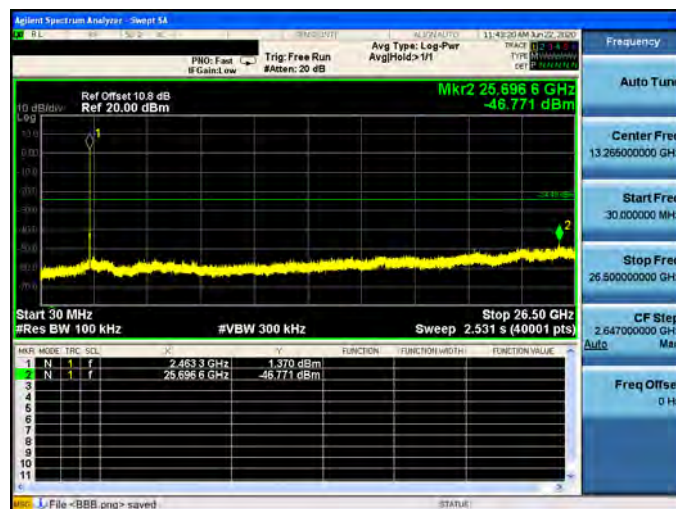
2412 MHz



2437 MHz



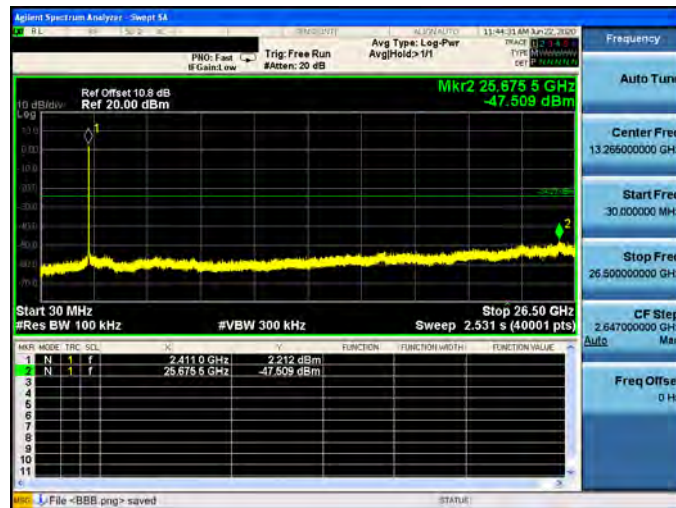
2462 MHz



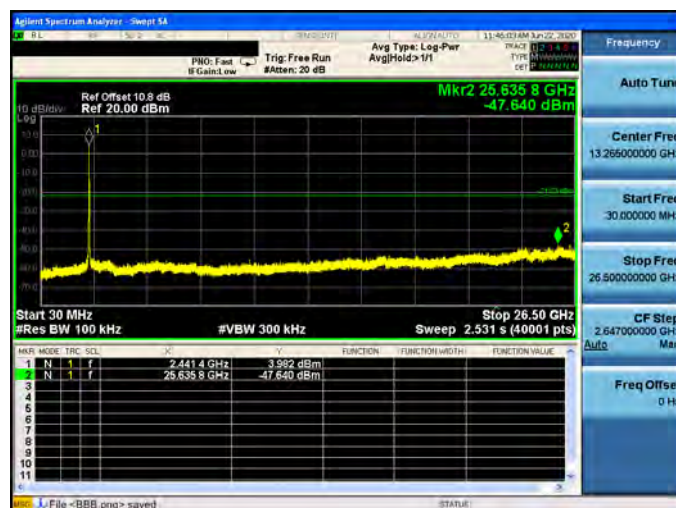


Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX mode_ANT-2

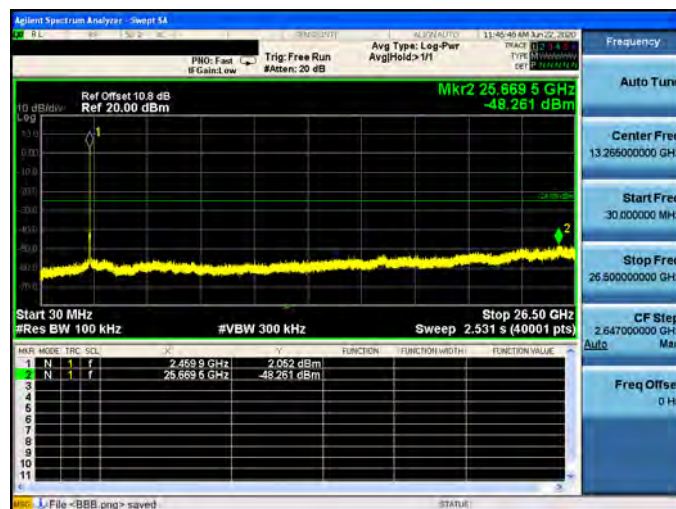
2412 MHz



2437 MHz



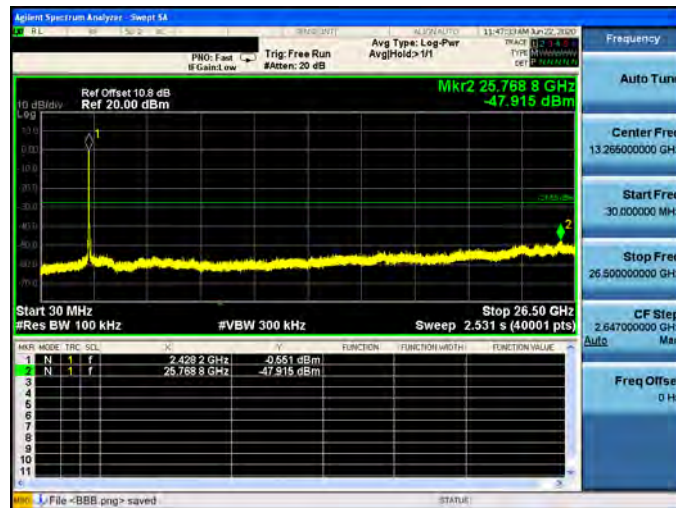
2462 MHz



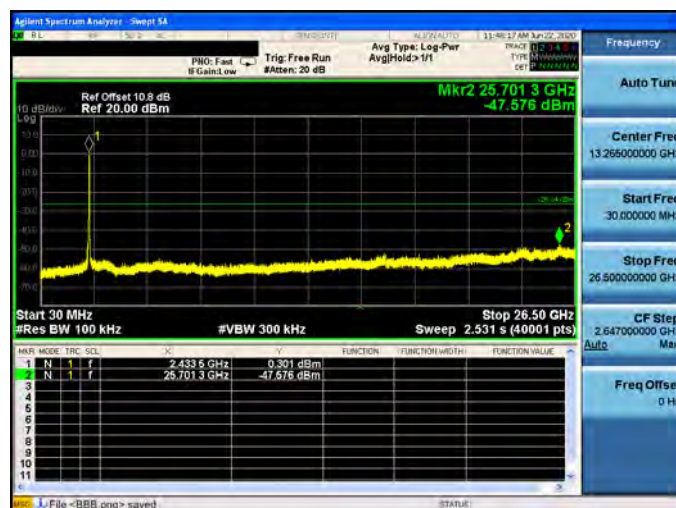


Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX mode_ANT-2

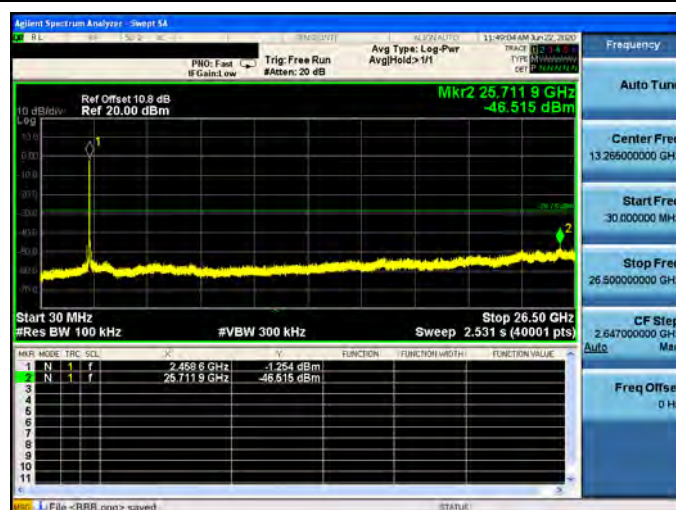
2422 MHz



2437 MHz



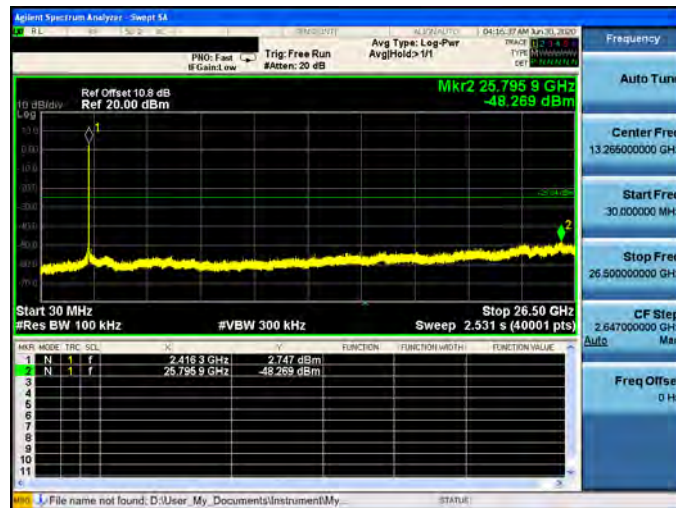
2452 MHz



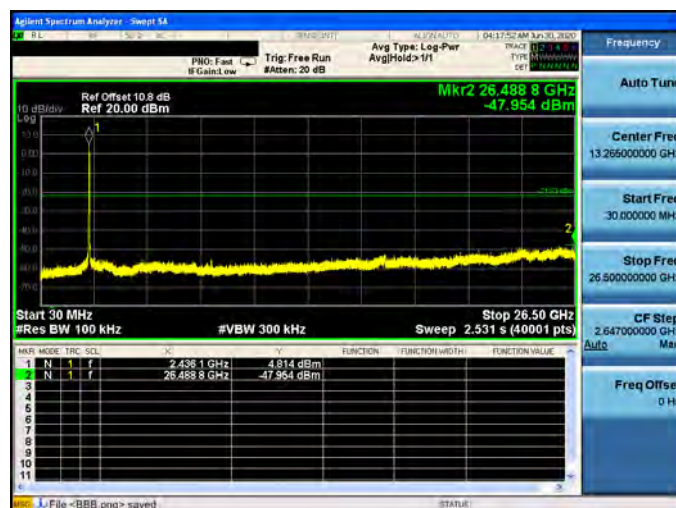


Mode 6: IEEE 802.11ax 2.4 GHz 20 MHz Continuous TX mode_ANT-2

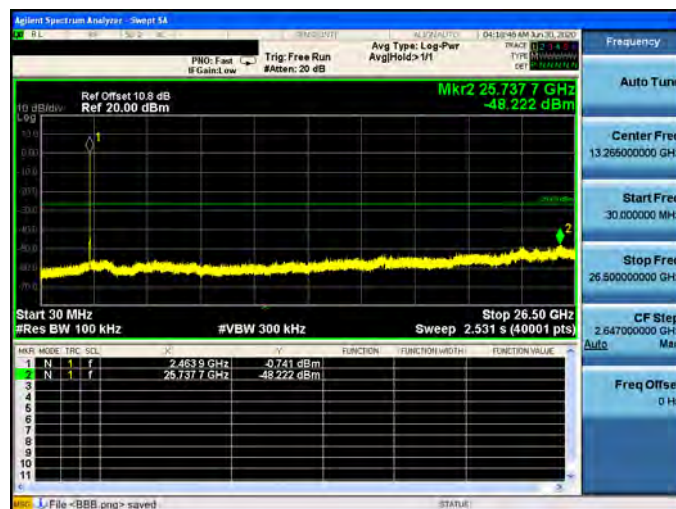
2412 MHz



2437 MHz



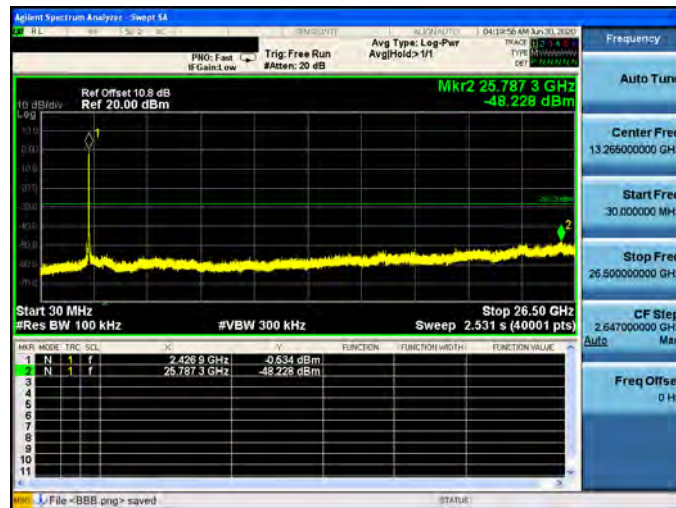
2462 MHz



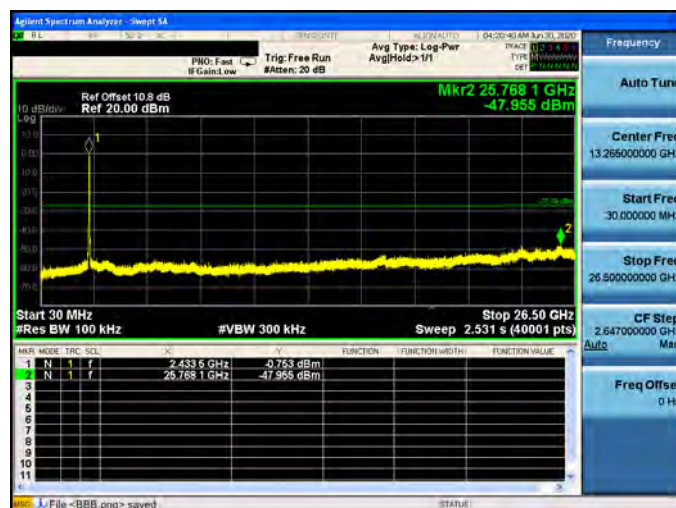


Mode 7: IEEE 802.11ax 2.4 GHz 40 MHz Continuous TX mode_ANT-2

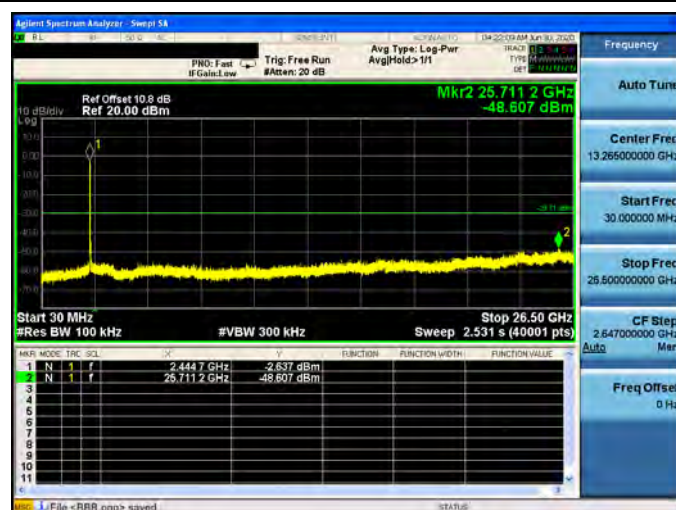
2422 MHz



2437 MHz



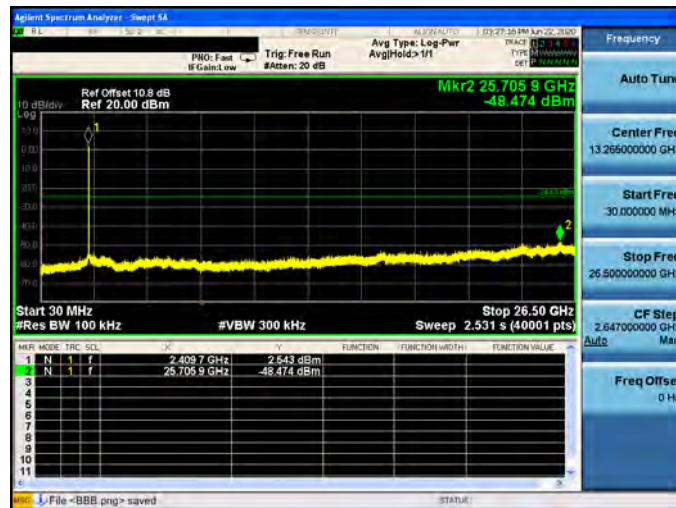
2452 MHz



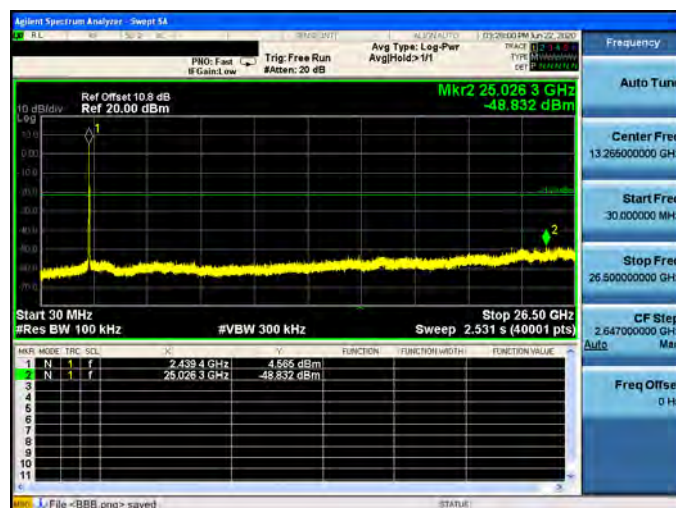


Mode 3: IEEE 802.11g Continuous TX mode_ANT-3

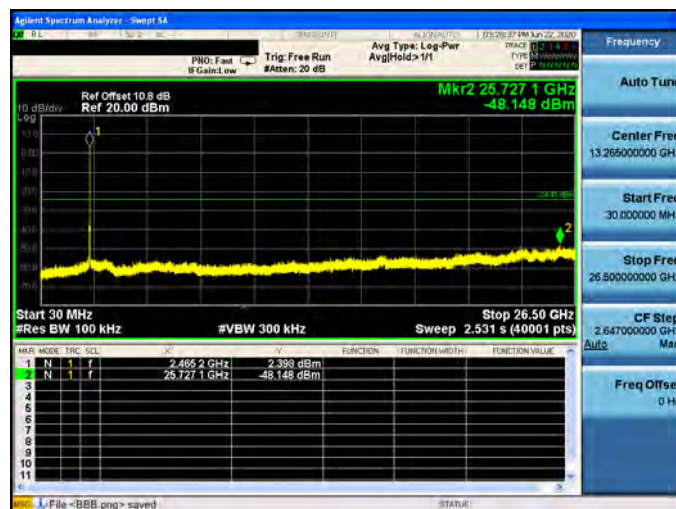
2412 MHz



2437 MHz



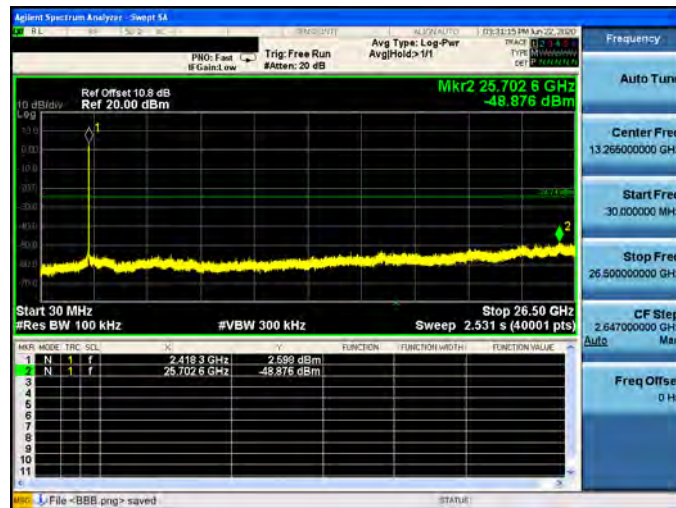
2462 MHz



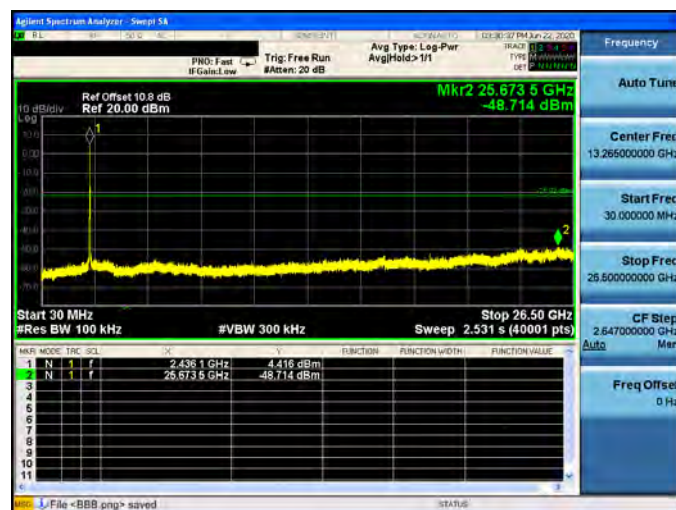


Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX mode _ANT-3

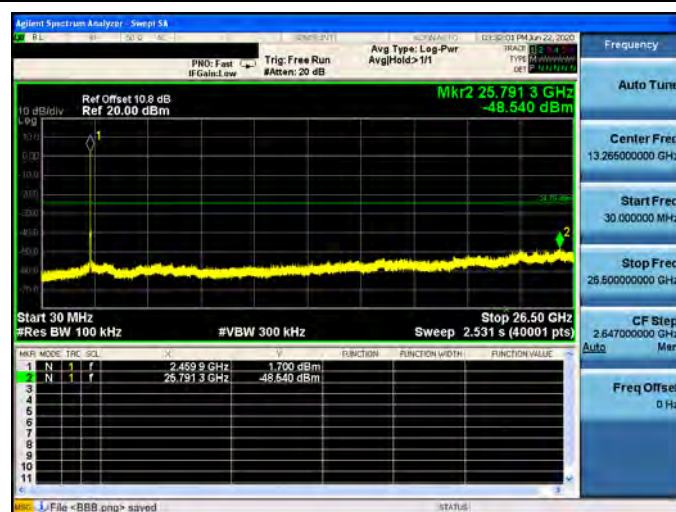
2412 MHz



2437 MHz



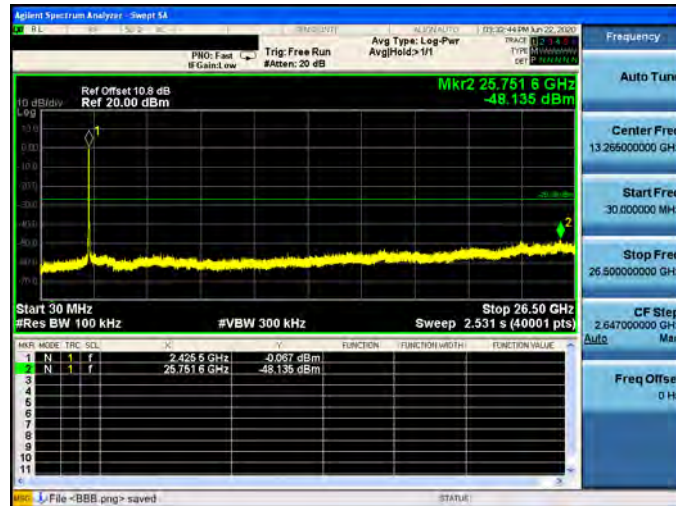
2462 MHz



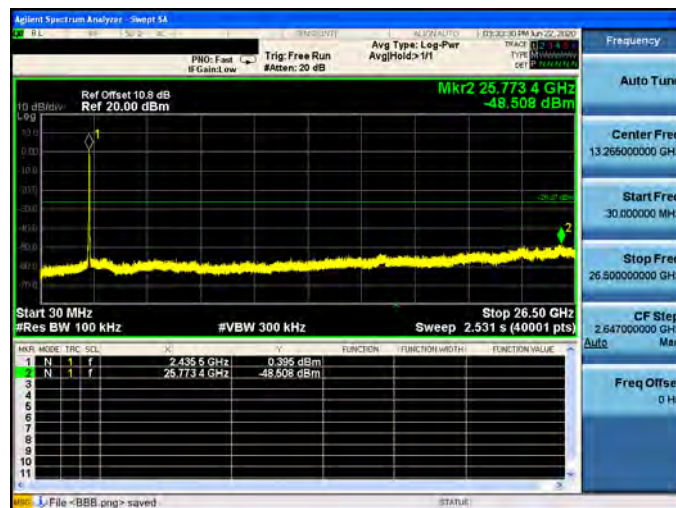


Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX mode_ANT-3

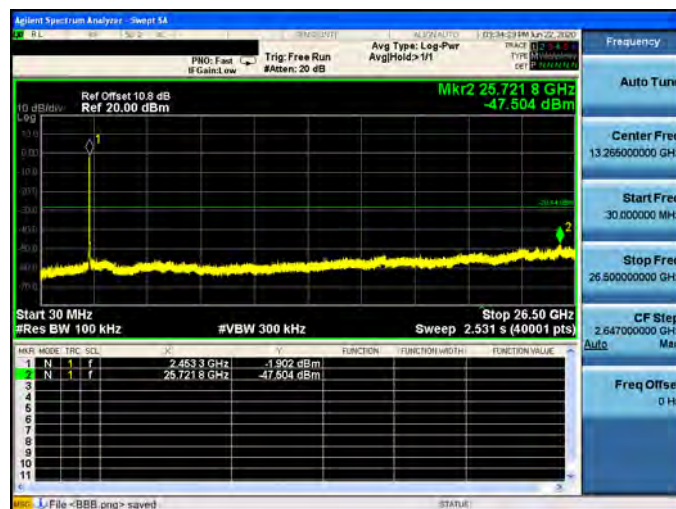
2422 MHz



2437 MHz



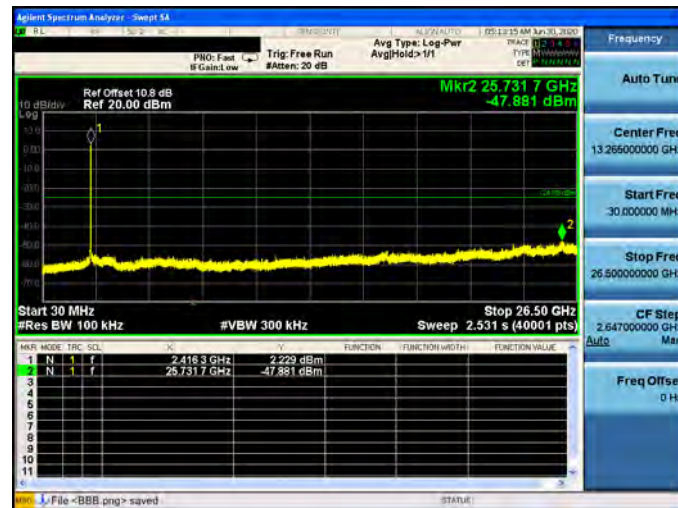
2452 MHz



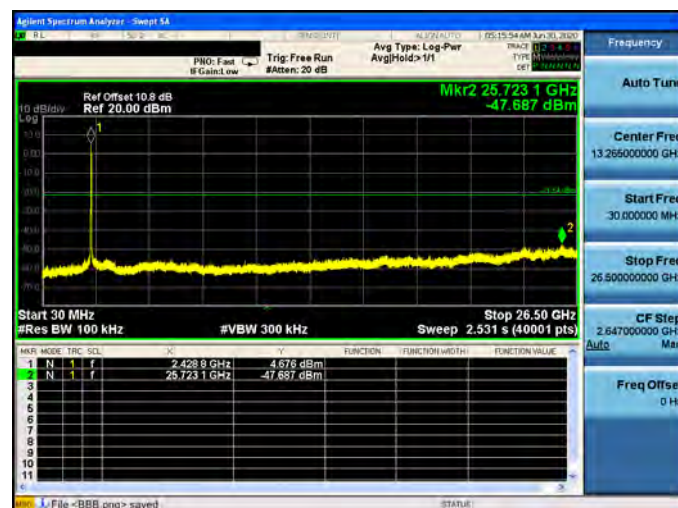


Mode 6: IEEE 802.11ax 2.4 GHz 20 MHz Continuous TX mode_ANT-3

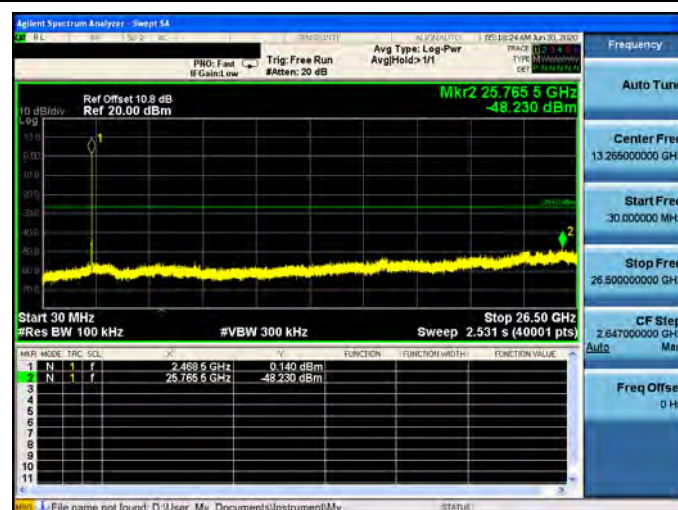
2412 MHz



2437 MHz



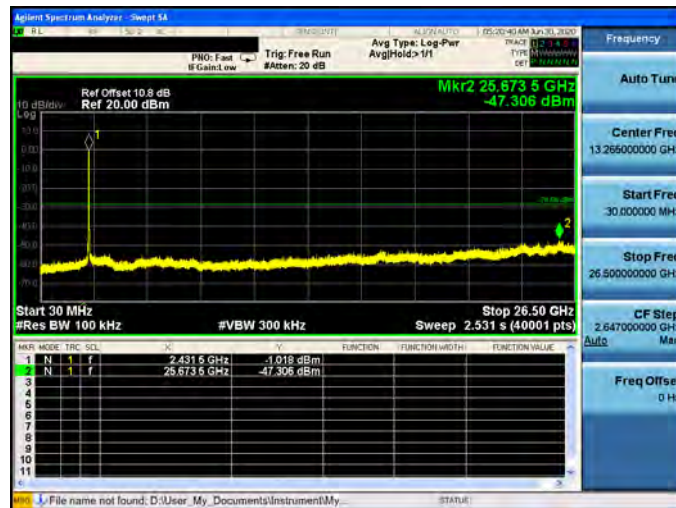
2462 MHz



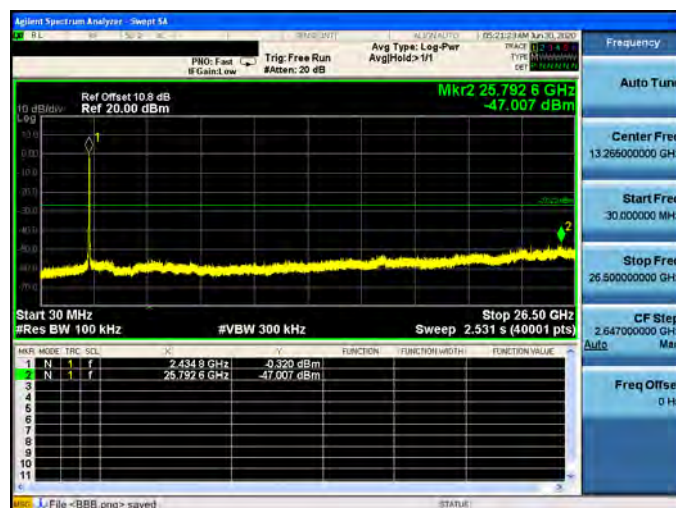


Mode 7: IEEE 802.11ax 2.4 GHz 40 MHz Continuous TX mode_ANT-3

2422 MHz



2437 MHz



2452 MHz

