

Appendix A6: Band edge measurements

Test Graphs



11A_Ant2_Low_5180

Spectrum Analyzer 1
Sweep SA

KEYSIGHT
Input: RF
Coupling: DC
Align: Auto

Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)

#Atten: 30 dB
PNO: Fast
Gate: Off
IF Gain: Low
Sig Track: Off

#Avg Type: Power (RMS)
Trig: Free Run

1 2 3 4 5 6
M M M M M M
P P P P P P

Center Frequency
4.850000000 GHz

Span
700.000000 MHz

Sweep Span
Zero Span

Full Span

Start Freq
4.500000000 GHz

Stop Freq
5.200000000 GHz

AUTO TUNE

CF Step
70.000000 MHz

Auto
Man

Freq Offset
0 Hz

X Axis Scale
Log
Lin

Signal Track
(Span Zoom)

1 Spectrum
Scale/Div 10 dB
Log
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0Ref Lvl Offset 13.52 dB
Ref Level 20.00 dBmMkr3 5.148 2 GHz
-40.02 dBmStart 4.5000 GHz
#Res BW 100 kHz

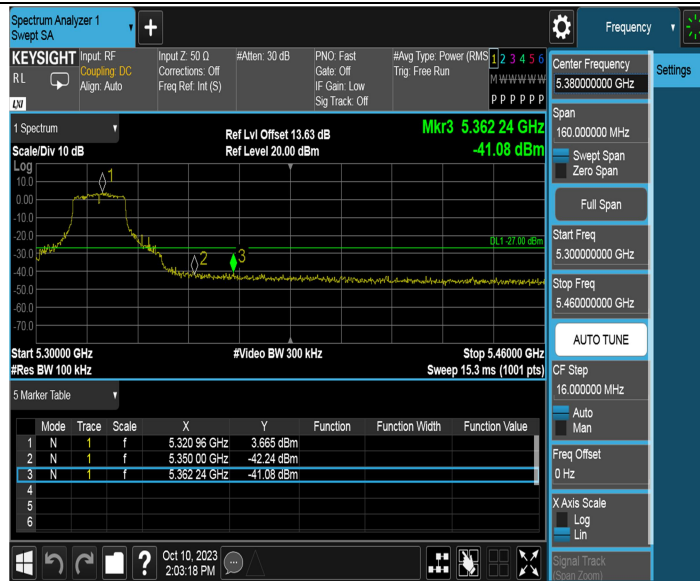
#Video BW 300 kHz

Stop 5.2000 GHz
Sweep 66.9 ms (1001 pts)

5 Marker Table

Oct 10, 2023
4:19:03 PM

11A_Ant1_High_5320



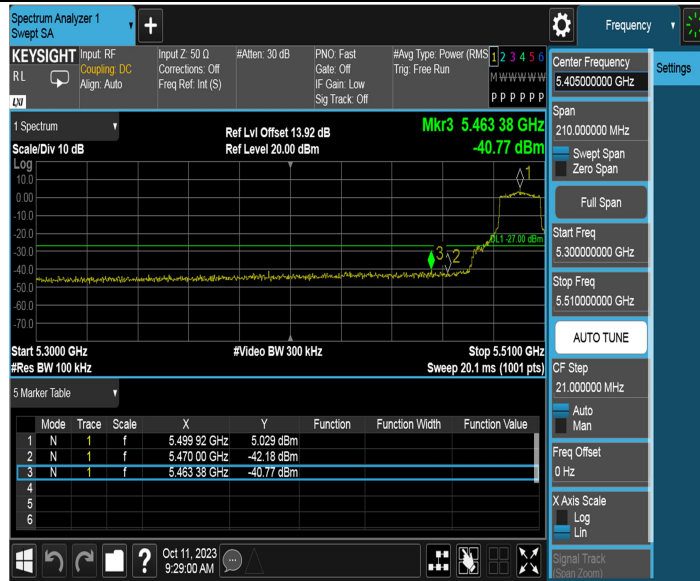
11A_Ant2_High_5320



11A_Ant1_Low_5500



11A_Ant2_Low_5500



11A_Ant1_High_5700



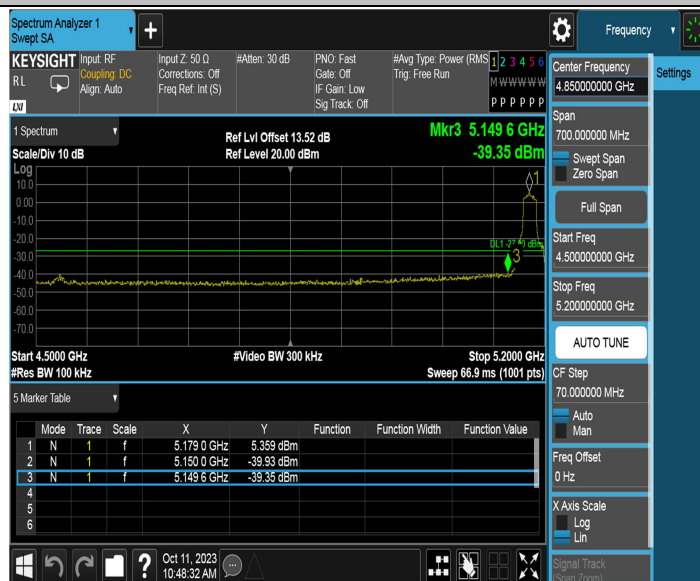
11A_Ant2_High_5700



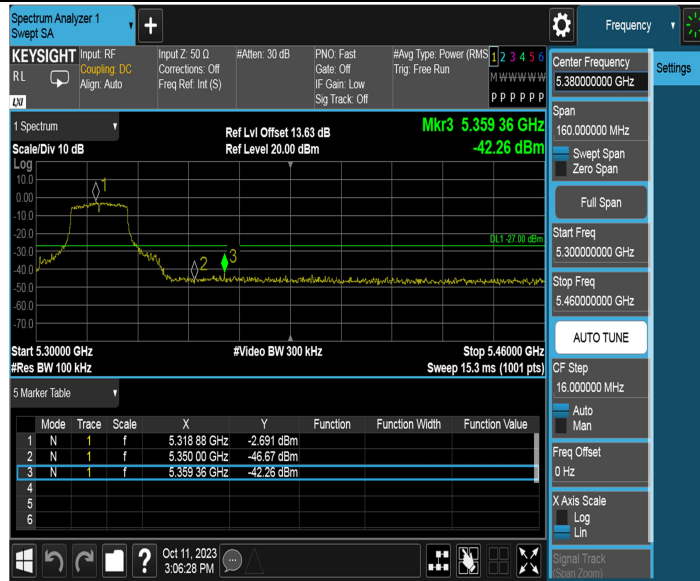
11N20MIMO_Ant1_Low_5180



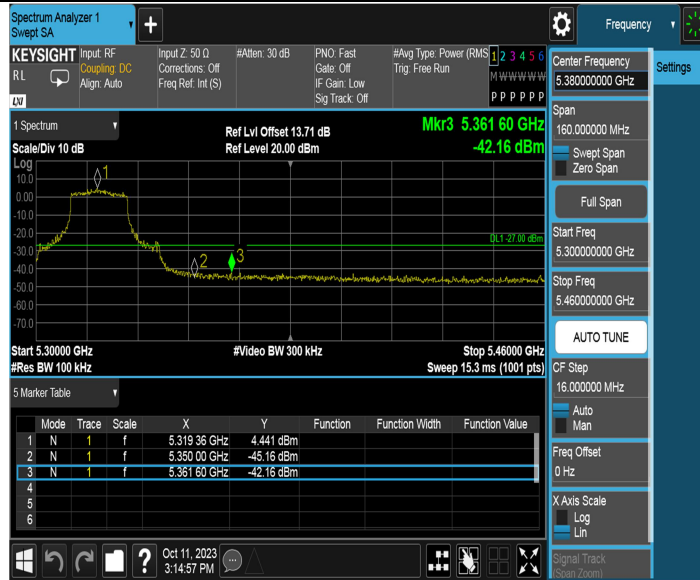
11N20MIMO_Ant2_Low_5180



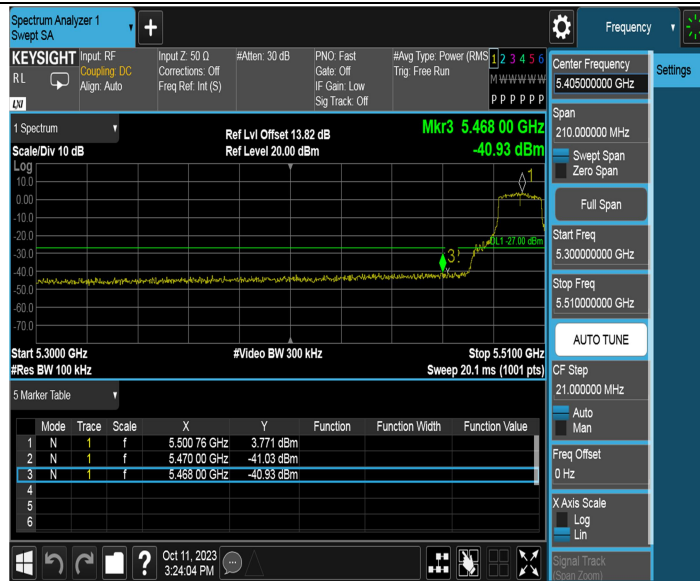
11N20MIMO_Ant1_High_5320



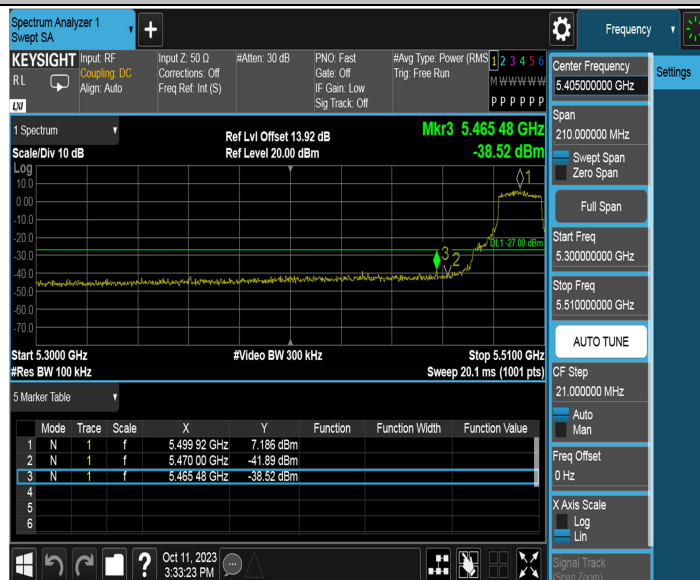
11N20MIMO_Ant2_High_5320



11N20MIMO_Ant1_Low_5500



11N20MIMO_Ant2_Low_5500



11N20MIMO_Ant1_High_5700

