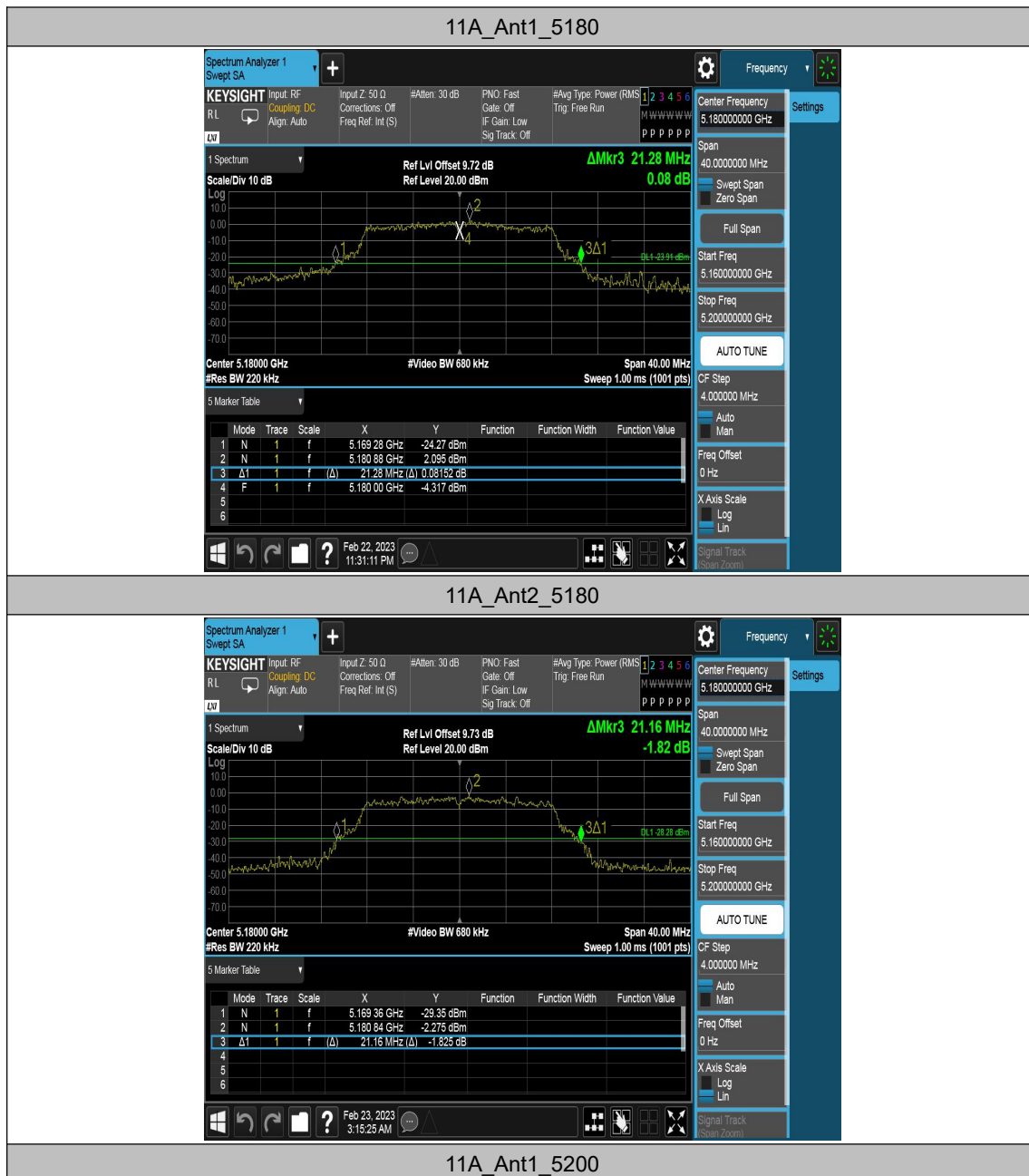
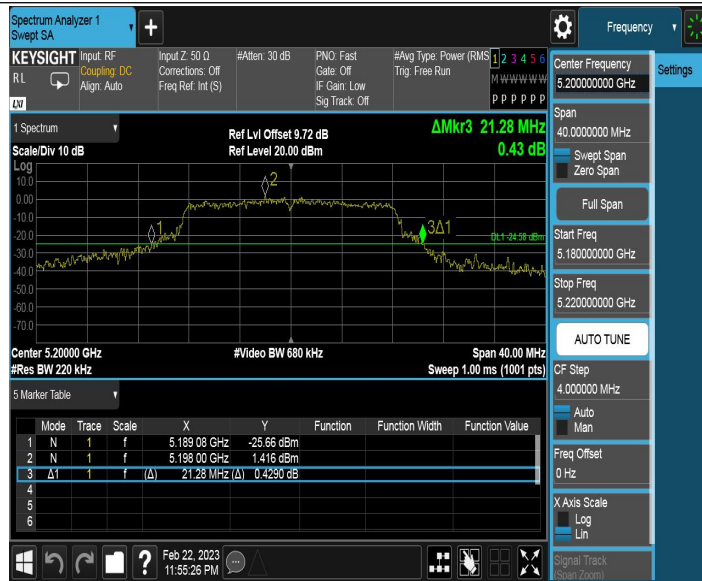


Appendix A1: Emission Bandwidth

Test Graphs





11A_Ant2_5200



11A_Ant1_5240



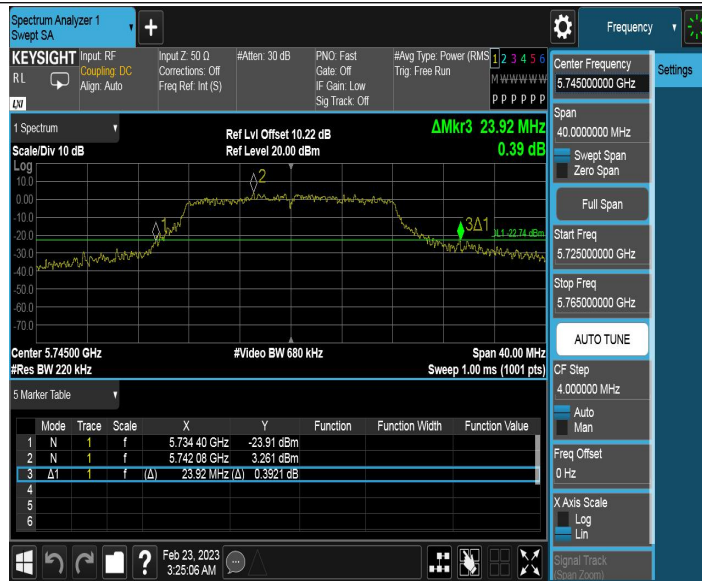
11A_Ant2_5240



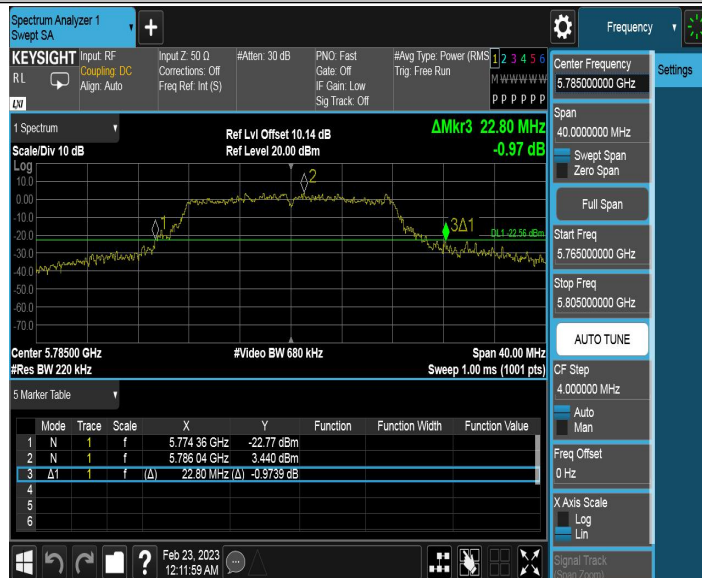
11A_Ant1_5745



11A_Ant2_5745



11A_Ant1_5785



11A_Ant2_5785



11A_Ant1_5825



11A_Ant2_5825



11N20SISO_Ant1_5180



11N20SISO_Ant2_5180



11N20SISO_Ant1_5200



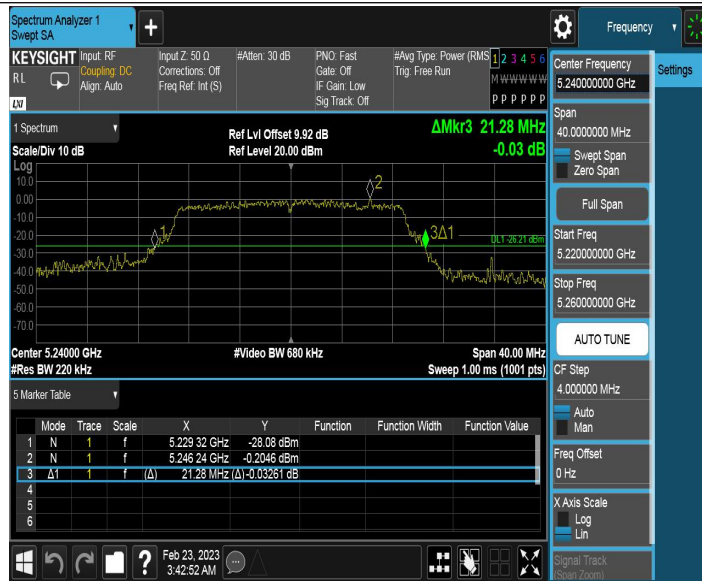
11N20SISO_Ant2_5200



11N20SISO_Ant1_5240



11N20SISO_Ant2_5240



11N20SISO_Ant1_5745



11N20SISO_Ant2_5745



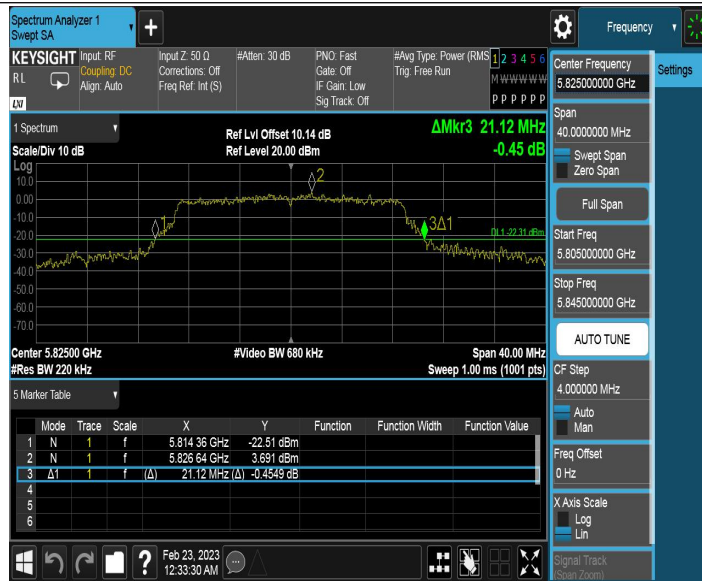
The screenshot displays a Spectrum Analyzer interface. The main plot shows a signal spectrum with a peak at 21.24 MHz. The y-axis represents power in dBm, ranging from -70 to 10. The x-axis represents frequency in MHz, ranging from 5.765 to 5.805. A green line indicates the reference level at 10.14 dB. A yellow line indicates the signal level at -0.27 dB. A red line indicates the noise floor at -22.82 dBm. The signal is identified as 'DMkr3'. The interface includes various controls for input, output, and measurement parameters. A table at the bottom lists the markers and their corresponding values.

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	5.774 16 GHz	-22.82 dBm		
2	N	1	f	5.786 24 GHz	3.206 dBm		
3	Δ	1	f	Δ	21.24 MHz	Δ	-0.2654 dB
4							
5							
6							

The screenshot displays a Spectrum Analyzer 1 interface. The main plot shows a frequency spectrum with a peak at 21.24 MHz. The y-axis represents power in dBm, ranging from -70.0 to 0.00. The x-axis represents frequency in MHz, ranging from 5.785000000 to 5.805000000. The plot is titled "1 Spectrum" and "Scale/Div 10 dB". The center frequency is 5.785000000 GHz, and the span is 40.0000000 MHz. The resolution bandwidth (Res BW) is 220 kHz, and the video bandwidth (Video BW) is 680 kHz. The sweep rate is 1.00 ms (1001 pts). The plot shows a peak at 21.24 MHz with a power level of -24.32 dBm. The peak is labeled "ΔMkr3 21.24 MHz 0.79 dB". The interface includes various settings and controls, such as "Center Frequency", "Span", "Start Freq", "Stop Freq", "AUTO TUNE", "CF Step", "Freq Offset", "X Axis Scale", and "Signal Track". A marker table is also visible, showing the peak data.

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	5.774 56 GHz	-24.32 dBm		
2	N	1	f	5.785 84 GHz	2.870 dBm		
3	Δ1	1	f (Δ)	21.24 MHz (Δ)	0.7892 dB		
4							
5							
6							

11N20SISO_Ant1_5825



11N20SISO_Ant2_5825



11N40SISO_Ant1_5190



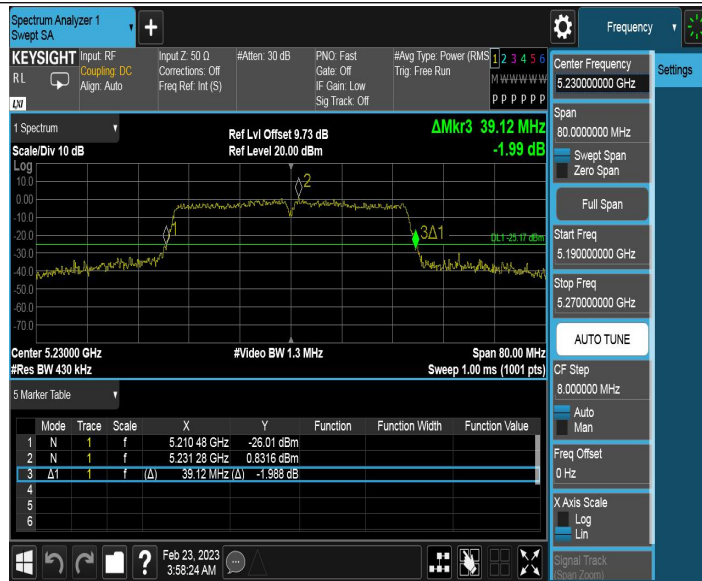
11N40SISO_Ant2_5190



11N40SISO_Ant1_5230



11N40SISO_Ant2_5230



11N40SISO_Ant1_5755



11N40SISO_Ant2_5755

