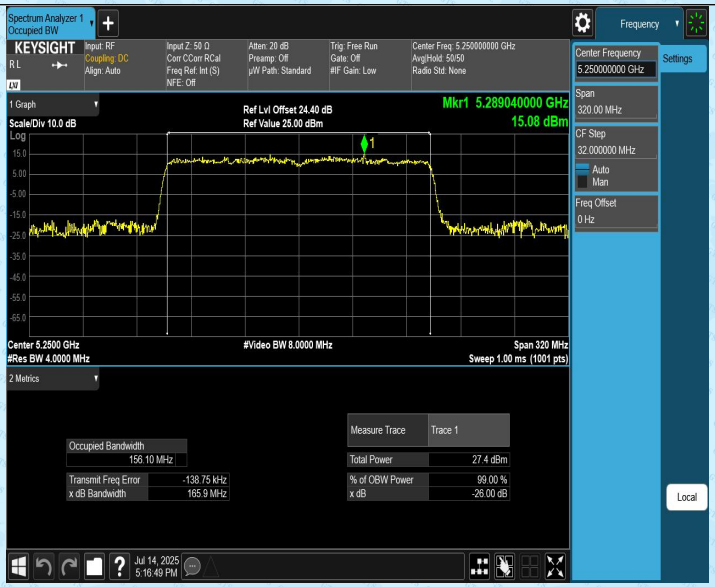
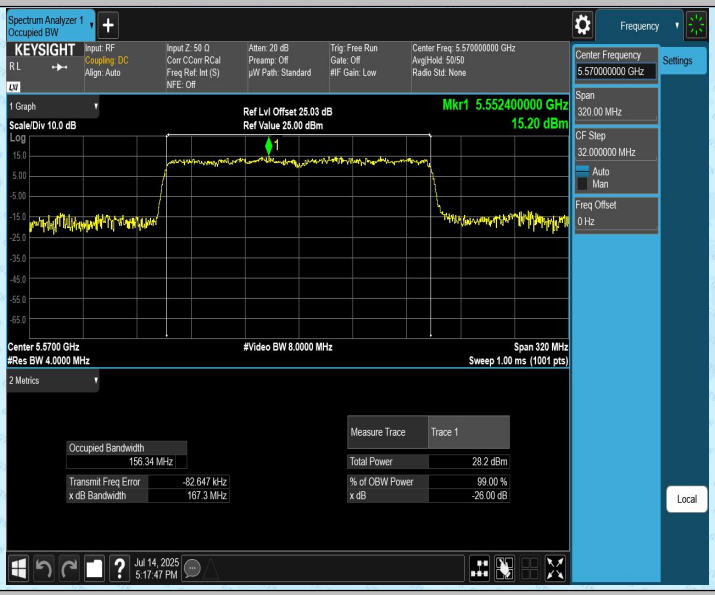
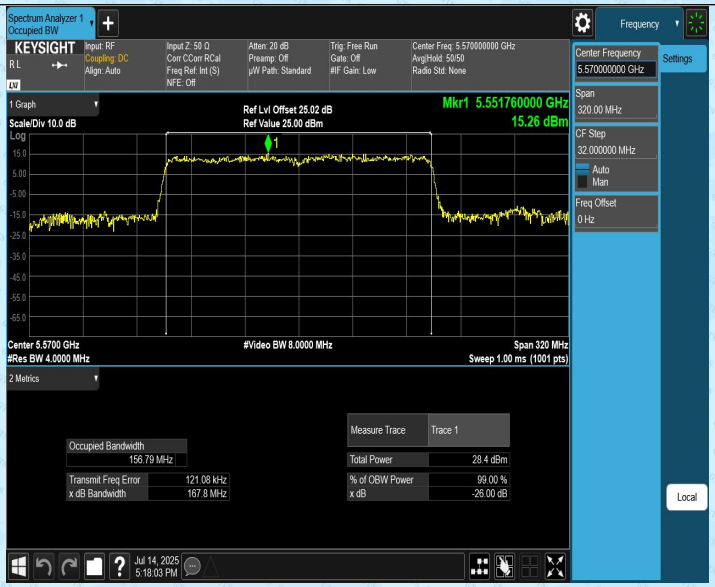


11AX160MIMO_Ant2_5250

11AX160MIMO_Ant1_5570



11AX160MIMO_Ant2_5570


Spectrum Analyzer 1
Occupied BW
KEYSIGHT
Input: RF
Coupling: DC
Align: Auto
Input Z: 50 Ω
Corr CCorr RCal
Freq Ref: Int (S)
NFE: Off
Atten: 20 dB
Preamp: Off
µW Path: Standard
Trig: Free Run
Gate: Off
#IF Gain: Low
Center Freq: 5.570000000 GHz
Avg/Hold: 50/50
Radio Std: None
1 Graph
Scale/Div 10.0 dB
Ref Lvl Offset 25.02 dB
Ref Value 25.00 dBm
Mkr1 5.551760000 GHz
15.26 dBm
Center 5.5700 GHz
#Res BW 4.0000 MHz
#Video BW 8.0000 MHz
Span 320 MHz
Sweep 1.00 ms (1001 pts)
2 Metrics
Occupied Bandwidth
156.79 MHz
Transmit Freq Error
121.08 kHz
x dB Bandwidth
167.8 MHz
Measure Trace
Trace 1
Total Power
28.4 dBm
% of OBW Power
99.00 %
x dB
-26.00 dB
Jul 14, 2025
5:18:03 PM
Frequency
Center Frequency
5.570000000 GHz
Settings
Span
320.00 MHz
CF Step
32.000000 MHz
Auto
Man
Freq Offset
0 Hz
Local

Appendix B: Duty Cycle

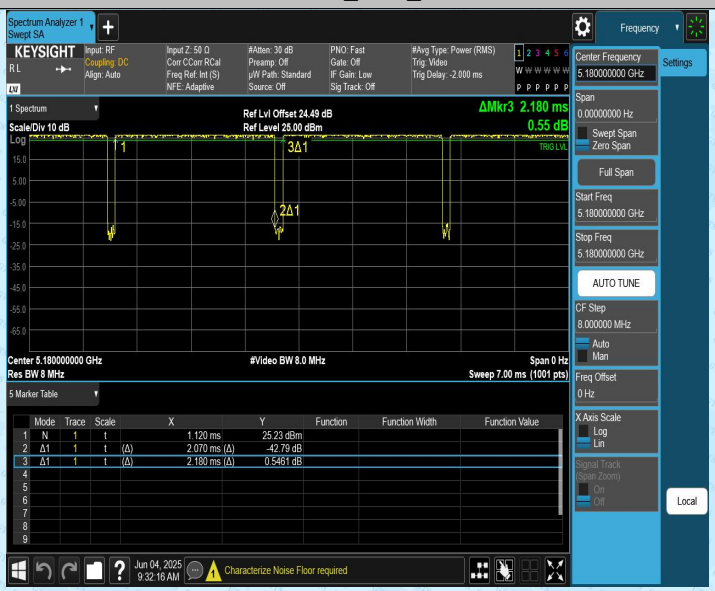
Test Result

TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11A-CDD	Ant1	5180	2.07	2.18	94.95	---	---
	Ant2	5180	2.06	2.17	94.93	---	---
	Ant1	5260	2.07	2.18	94.95	---	---
	Ant2	5260	2.06	2.17	94.93	---	---
	Ant1	5500	2.05	2.17	94.47	---	---
	Ant2	5500	2.06	2.17	94.93	---	---
11N20CDD	Ant1	5180	1.93	1.96	98.47	---	---
	Ant2	5180	1.92	1.96	97.96	---	---
	Ant1	5260	1.93	1.96	98.47	---	---
	Ant2	5260	1.93	1.96	98.47	---	---
	Ant1	5500	1.93	1.96	98.47	---	---
	Ant2	5500	1.93	1.96	98.47	---	---
11N40CDD	Ant1	5190	0.95	0.98	96.94	---	---
	Ant2	5190	0.96	0.99	96.97	---	---
	Ant1	5270	0.95	0.98	96.94	---	---
	Ant2	5270	0.95	0.98	96.94	---	---
	Ant1	5510	0.95	0.99	95.96	---	---
	Ant2	5510	0.96	0.99	96.97	---	---
11AC20CDD	Ant1	5180	1.92	2.01	95.52	---	---
	Ant2	5180	1.92	2.02	95.05	---	---
	Ant1	5260	1.92	2.02	95.05	---	---
	Ant2	5260	1.92	2.02	95.05	---	---
	Ant1	5500	1.92	2.03	94.58	---	---
	Ant2	5500	1.92	2.02	95.05	---	---
11AC40CDD	Ant1	5190	0.94	1.04	90.38	---	---
	Ant2	5190	0.94	1.04	90.38	---	---
	Ant1	5270	0.95	1.05	90.48	---	---
	Ant2	5270	0.95	1.05	90.48	---	---
	Ant1	5510	0.95	1.05	90.48	---	---
	Ant2	5510	0.94	1.04	90.38	---	---
11AC80CDD	Ant1	5210	0.46	0.49	93.88	---	---
	Ant2	5210	0.46	0.49	93.88	---	---
	Ant1	5290	0.46	0.49	93.88	---	---
	Ant2	5290	0.46	0.50	92.00	---	---
	Ant1	5530	0.46	0.50	92.00	---	---
	Ant2	5530	0.46	0.49	93.88	---	---
11AC160CDD	Ant1	5250	0.25	0.28	89.29	---	---
	Ant2	5250	0.25	0.28	89.29	---	---
	Ant1	5570	0.25	0.28	89.29	---	---

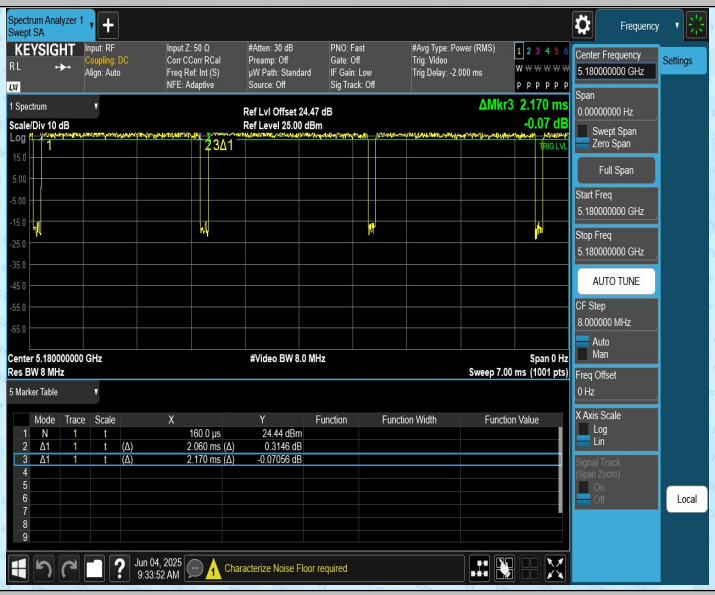
	Ant2	5570	0.25	0.28	89.29	---	---
11AX20CDD	Ant1	5180	1.49	1.52	98.03	---	---
	Ant2	5180	1.49	1.52	98.03	---	---
	Ant1	5260	1.49	1.53	97.39	---	---
	Ant2	5260	1.49	1.52	98.03	---	---
	Ant1	5500	1.48	1.52	97.37	---	---
	Ant2	5500	1.49	1.52	98.03	---	---
11AX40CDD	Ant1	5190	0.78	0.81	96.30	---	---
	Ant2	5190	0.78	0.81	96.30	---	---
	Ant1	5270	0.78	0.81	96.30	---	---
	Ant2	5270	0.78	0.82	95.12	---	---
	Ant1	5510	0.78	0.81	96.30	---	---
	Ant2	5510	0.78	0.81	96.30	---	---
11AX80CDD	Ant1	5210	0.41	0.44	93.18	---	---
	Ant2	5210	0.42	0.45	93.33	---	---
	Ant1	5290	0.41	0.45	91.11	---	---
	Ant2	5290	0.41	0.44	93.18	---	---
	Ant1	5530	0.42	0.45	93.33	---	---
	Ant2	5530	0.42	0.45	93.33	---	---
11AX160CDD	Ant1	5250	0.23	0.27	85.19	---	---
	Ant2	5250	0.23	0.27	85.19	---	---
	Ant1	5570	0.24	0.27	88.89	---	---
	Ant2	5570	0.24	0.27	88.89	---	---

Test Graphs

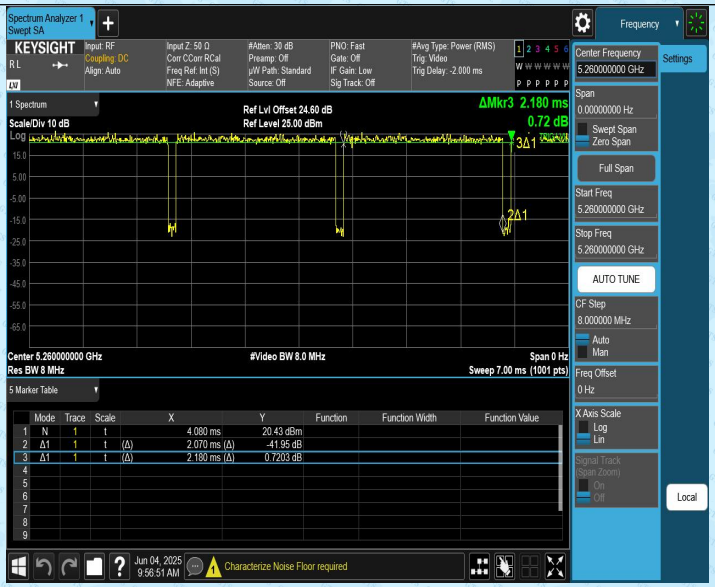
11A-CDD_Ant1_5180



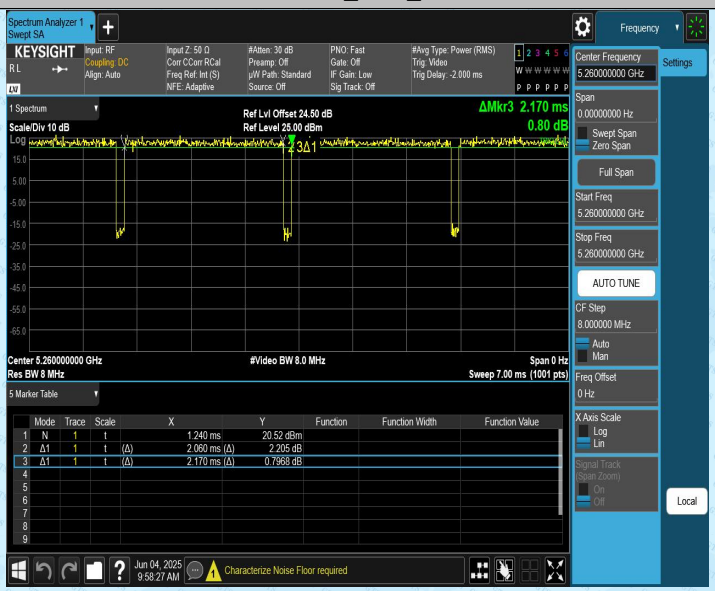
11A-CDD_Ant2_5180



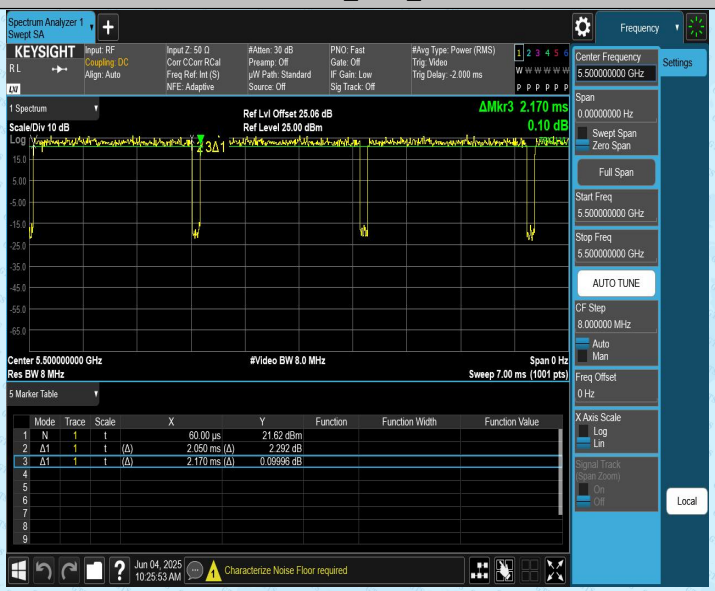
11A-CDD_Ant1_5260



11A-CDD_Ant2_5260



11A-CDD_Ant1_5500



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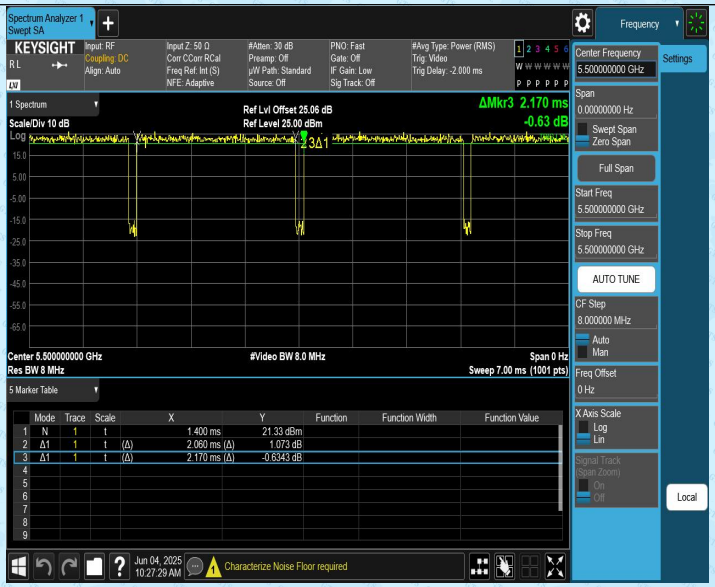

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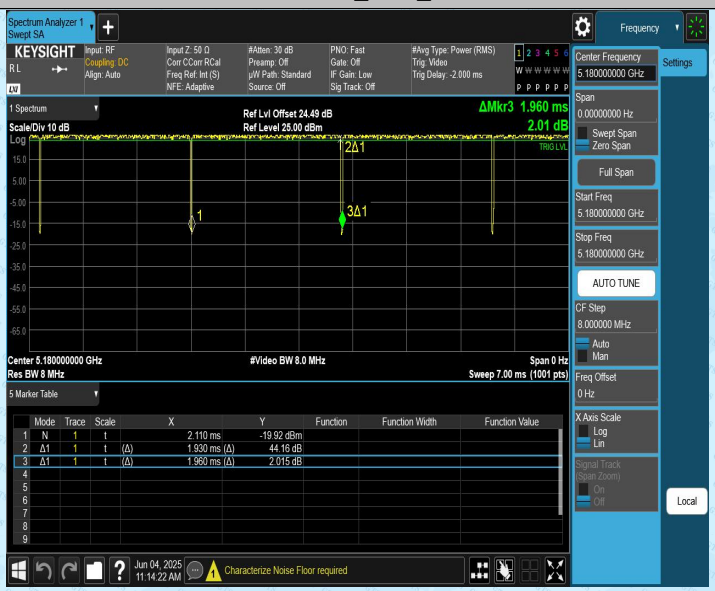

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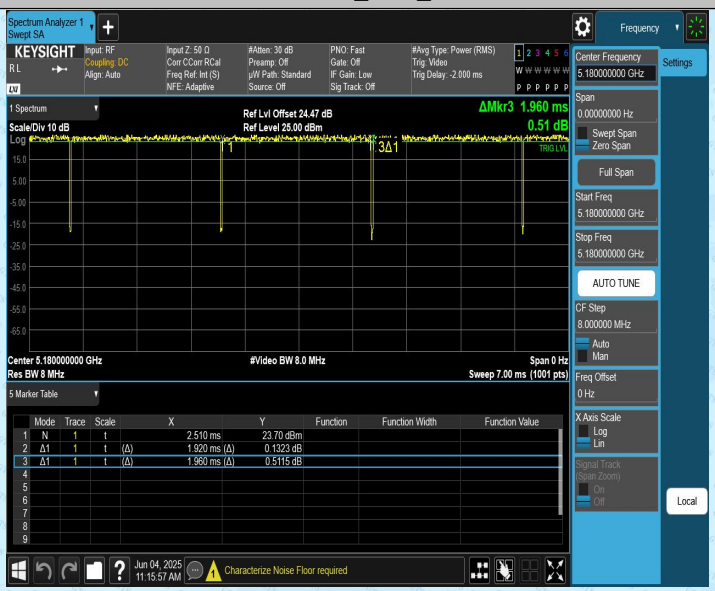

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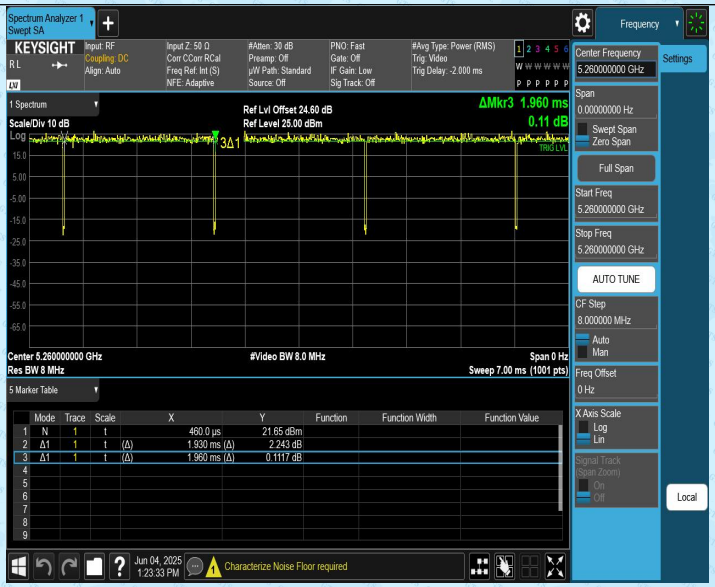

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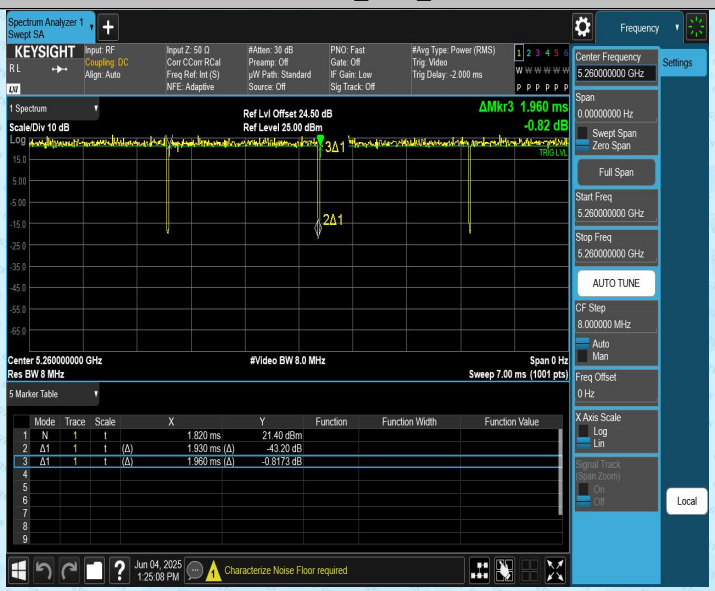

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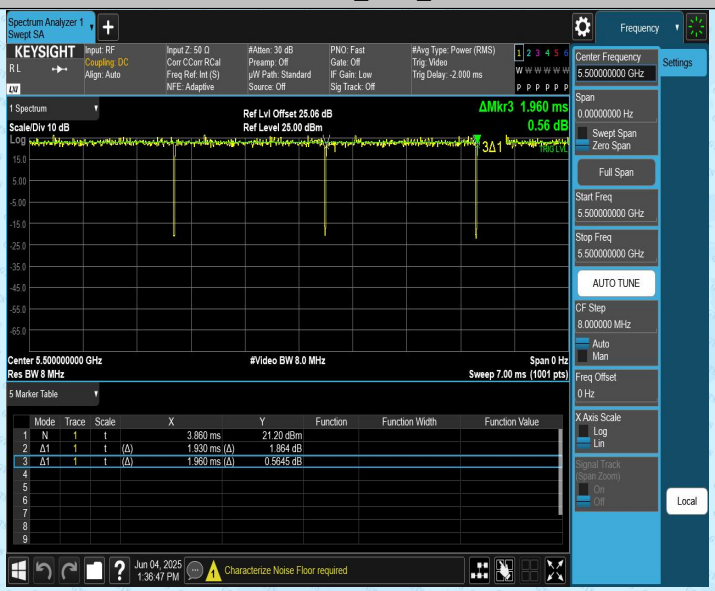
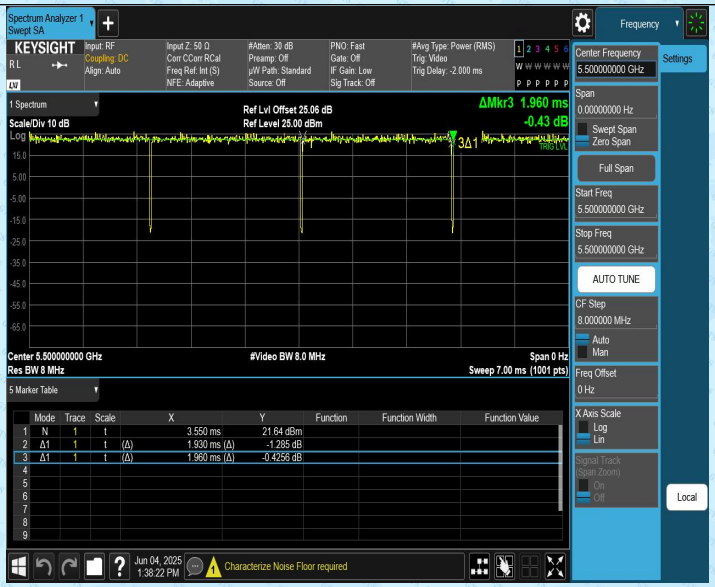


11N20CDD_Ant2_5500



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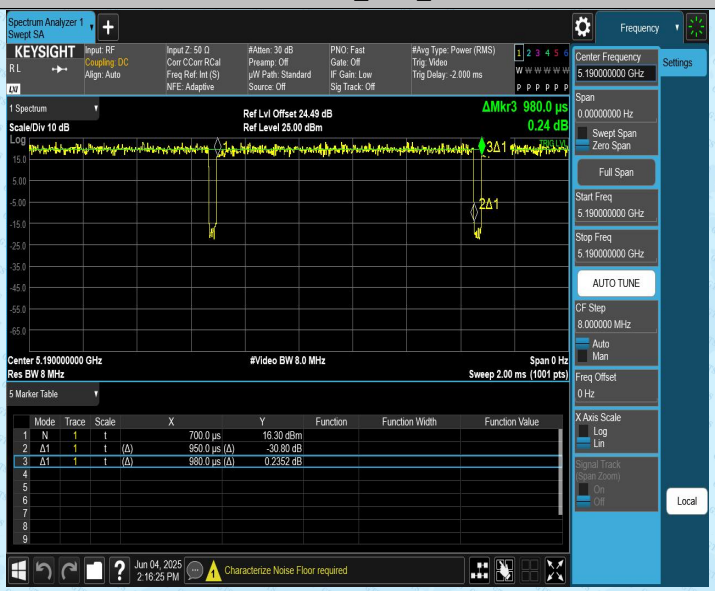
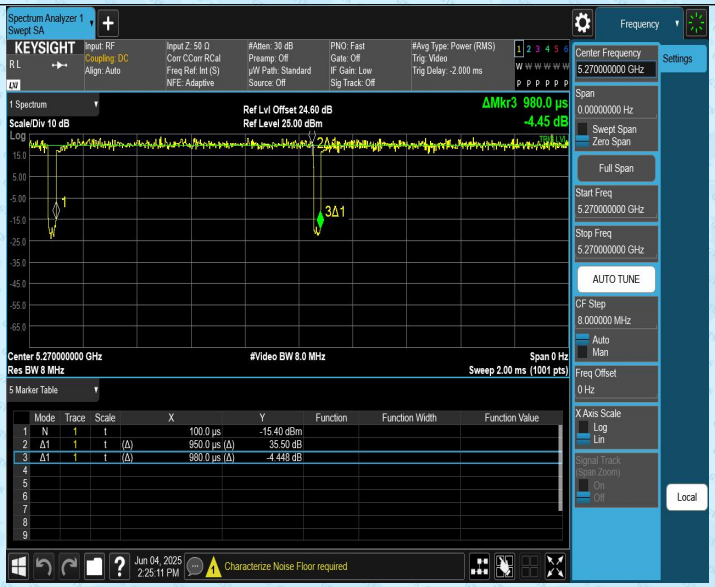


11N40CDD_Ant2_5190

11N40CDD_Ant1_5270



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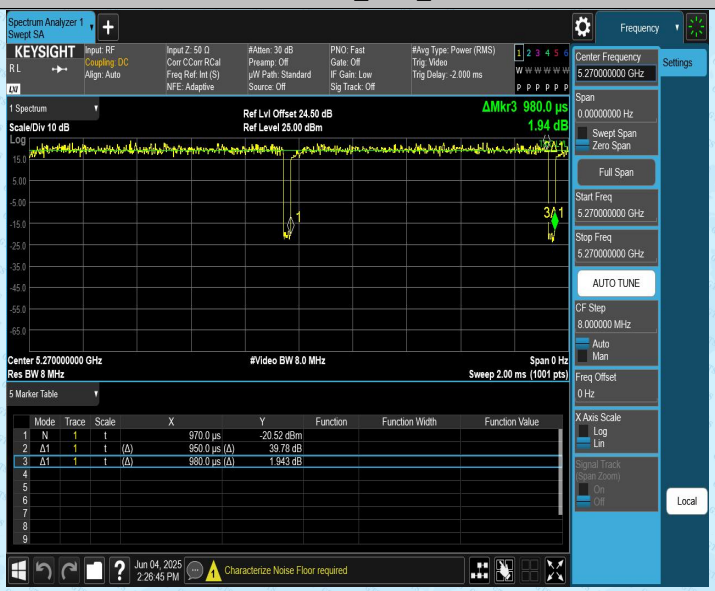

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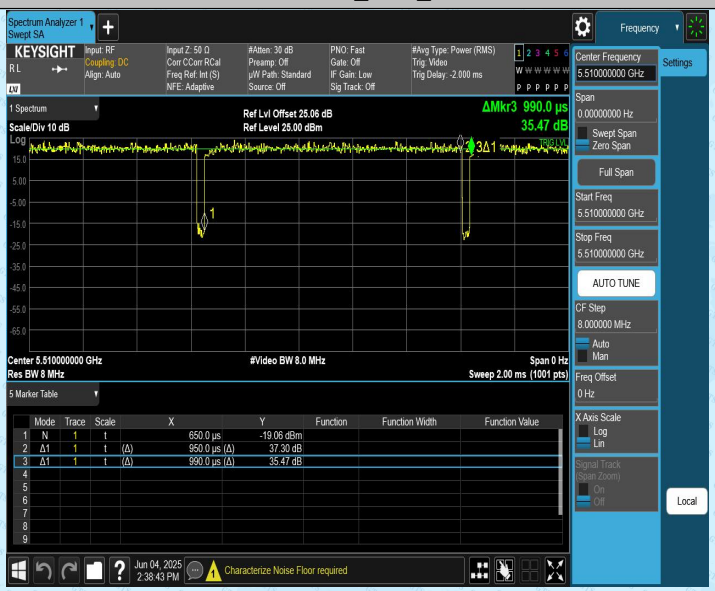

11N40CDD_Ant2_5510