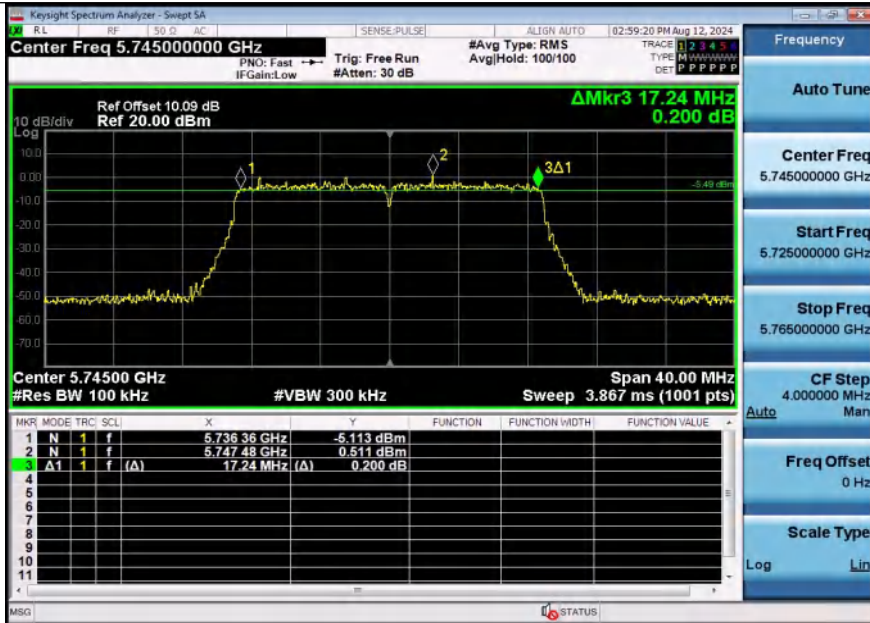
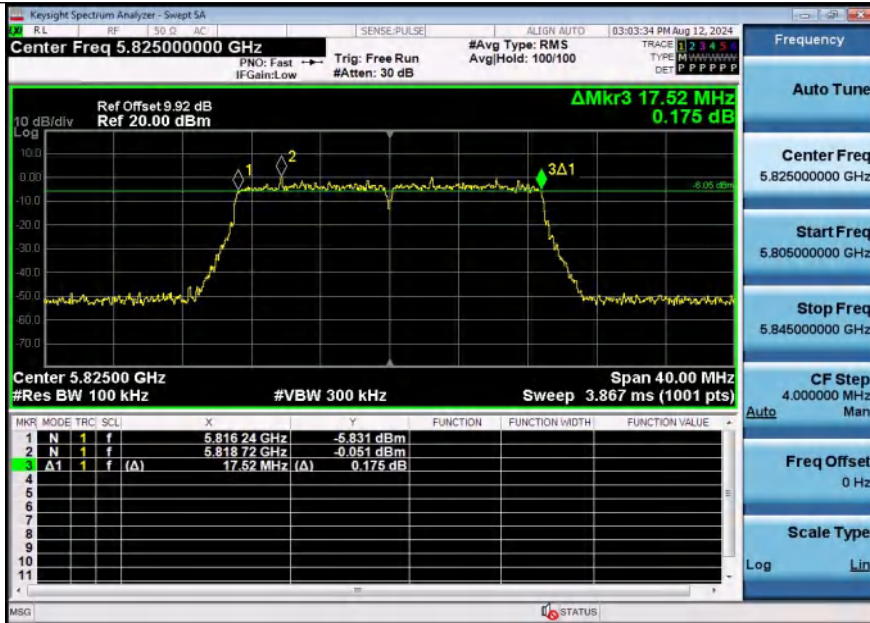




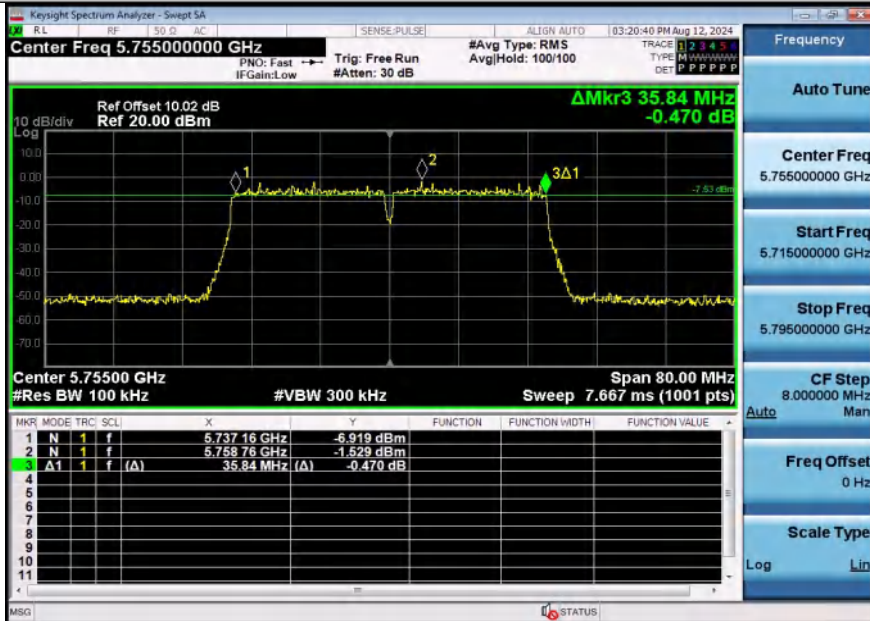
11AC20SISO-Ant1-5745-PASS



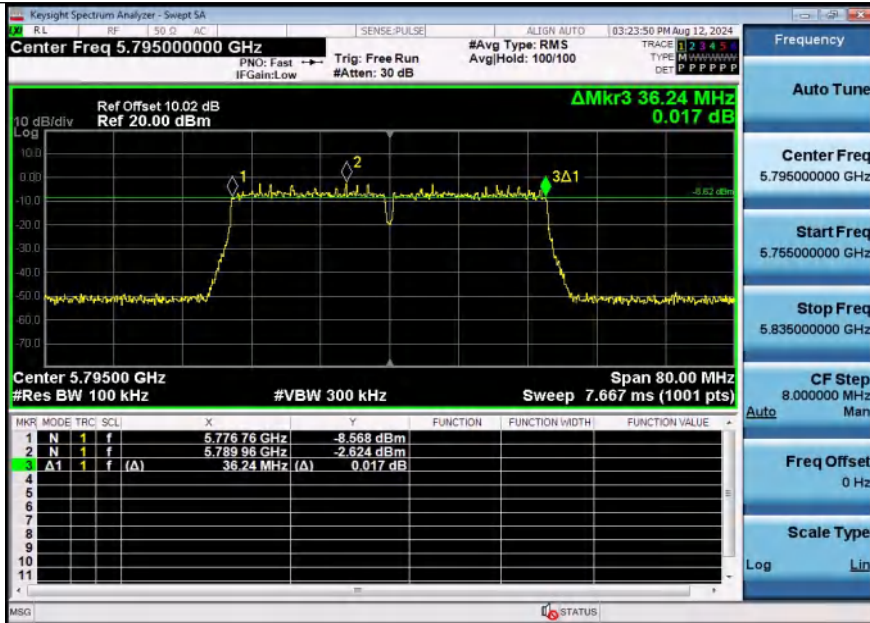
11AC20SISO-Ant1-5785-PASS



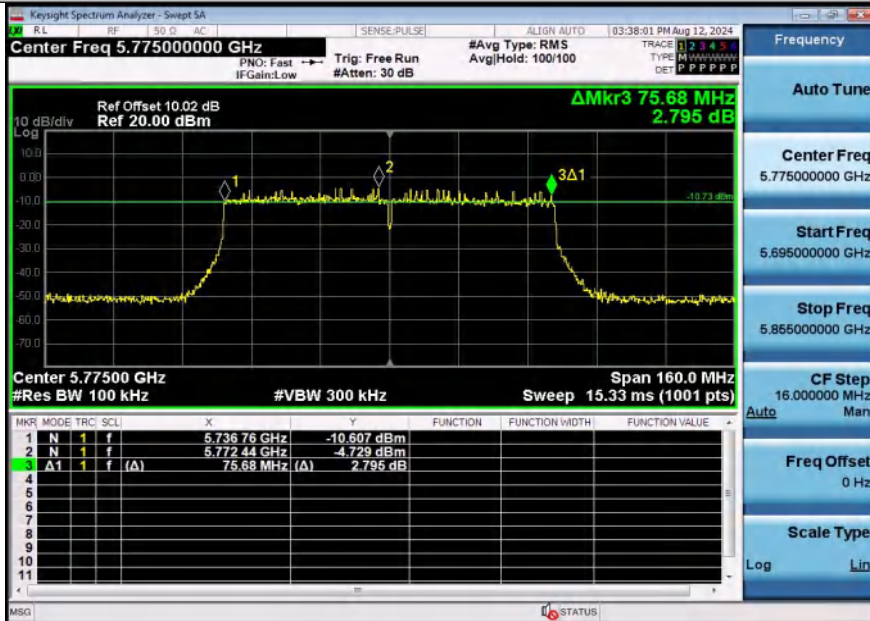
11AC20SISO-Ant1-5825-PASS



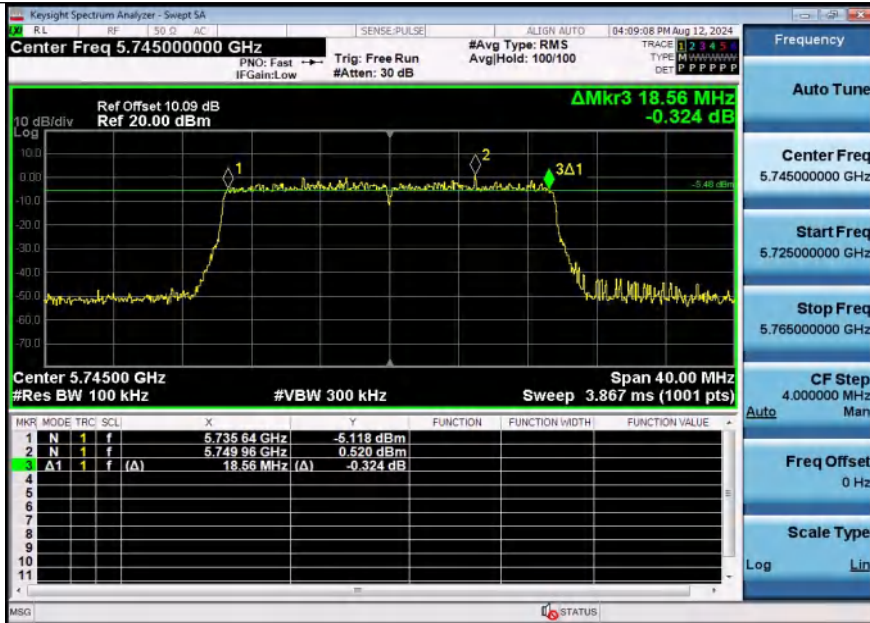
11AC40SISO-Ant1-5755-PASS



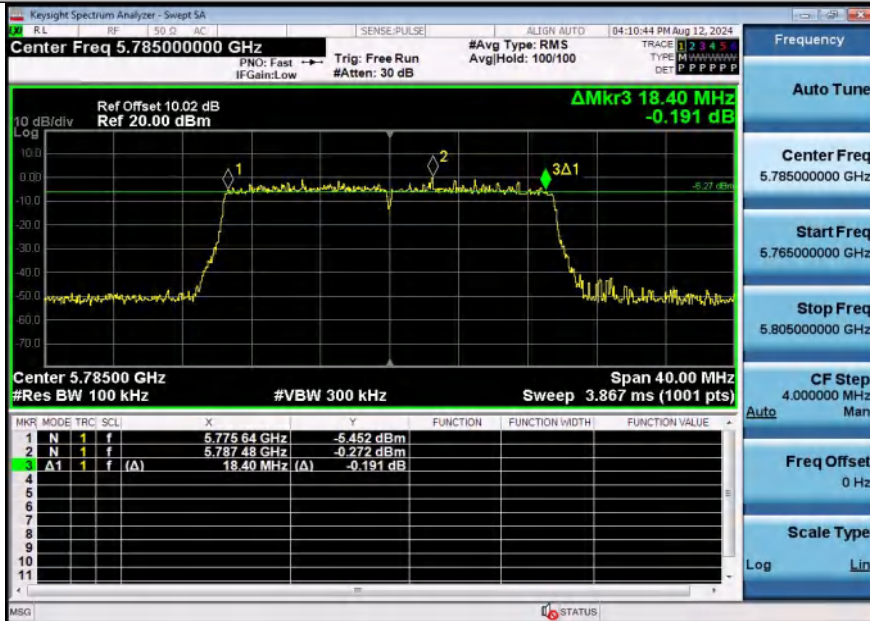
11AC40SISO-Ant1-5795-PASS



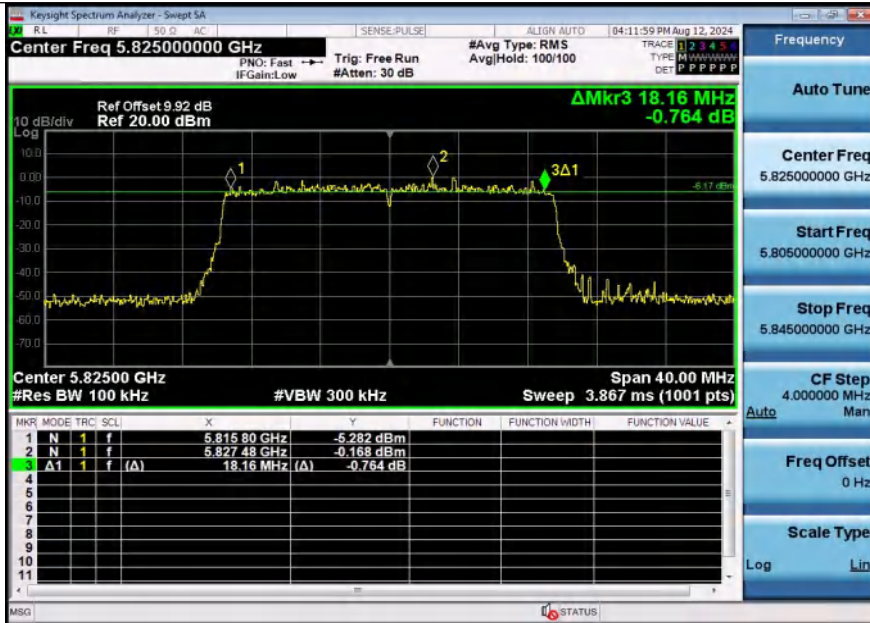
11AC80SISO-Ant1-5775-PASS



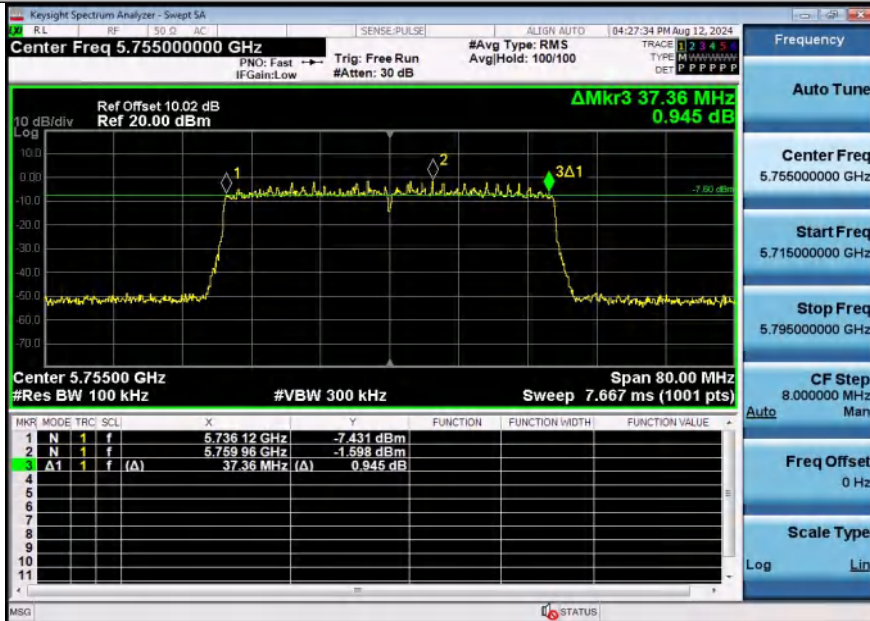
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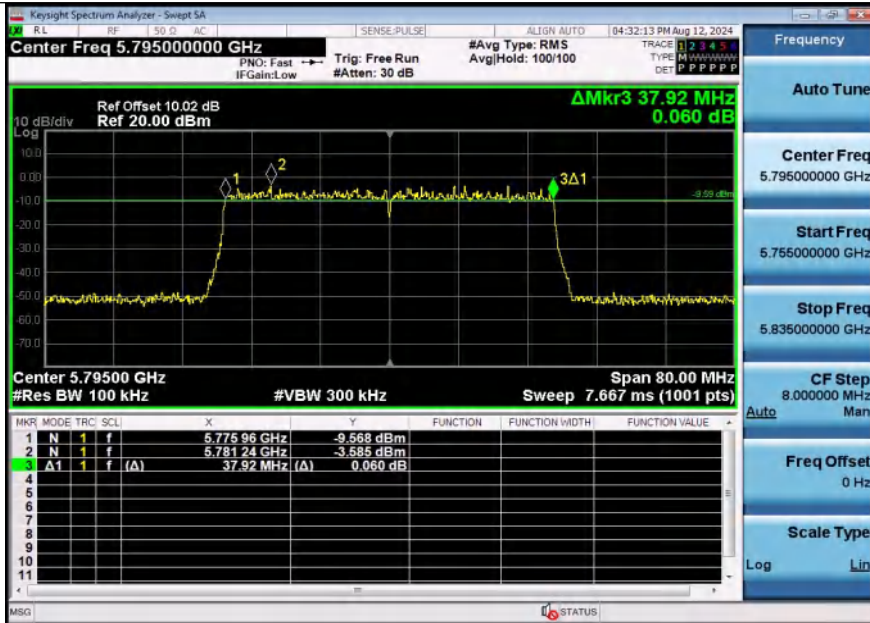
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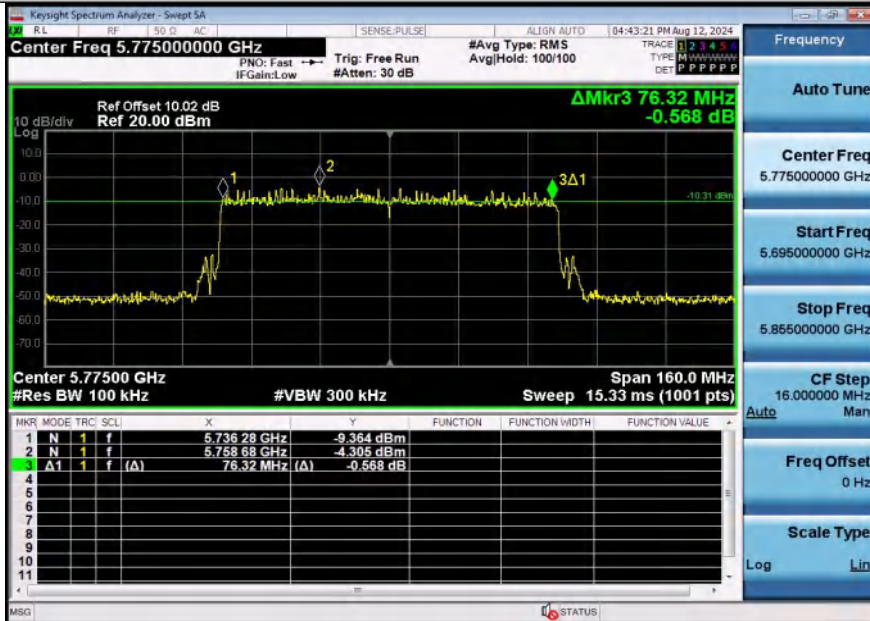
11AX20SISO-Ant1-5825-PASS



11AX40SISO-Ant1-5755-PASS



11AX40SISO-Ant1-5795-PASS



11AX80SISO-Ant1-5775-PASS

Ant 2

Test Mode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5745	16.360	5736.800	5753.160	0.5	PASS
11A	Ant2	5785	16.280	5776.840	5793.120	0.5	PASS
11A	Ant2	5825	16.280	5816.840	5833.120	0.5	PASS
11N20SISO	Ant2	5745	17.560	5736.200	5753.760	0.5	PASS
11N20SISO	Ant2	5785	17.280	5776.200	5793.480	0.5	PASS
11N20SISO	Ant2	5825	17.400	5816.360	5833.760	0.5	PASS
11N40SISO	Ant2	5755	35.680	5737.240	5772.920	0.5	PASS
11N40SISO	Ant2	5795	36.240	5776.920	5813.160	0.5	PASS
11AC20SISO	Ant2	5745	17.000	5736.720	5753.720	0.5	PASS
11AC20SISO	Ant2	5785	17.520	5776.200	5793.720	0.5	PASS
11AC20SISO	Ant2	5825	17.400	5816.360	5833.760	0.5	PASS
11AC40SISO	Ant2	5755	35.840	5737.160	5773.000	0.5	PASS
11AC40SISO	Ant2	5795	36.160	5776.760	5812.920	0.5	PASS
11AC80SISO	Ant2	5775	75.520	5737.400	5812.920	0.5	PASS
11AX20SISO	Ant2	5745	18.520	5735.600	5754.120	0.5	PASS
11AX20SISO	Ant2	5785	18.160	5775.960	5794.120	0.5	PASS
11AX20SISO	Ant2	5825	18.760	5815.560	5834.320	0.5	PASS
11AX40SISO	Ant2	5755	37.280	5736.600	5773.880	0.5	PASS
11AX40SISO	Ant2	5795	37.920	5776.040	5813.960	0.5	PASS
11AX80SISO	Ant2	5775	76.480	5736.440	5812.920	0.5	PASS

Keysight Spectrum Analyzer - Sweep SA

Center Freq 5.745000000 GHz

Ref Offset 10.09 dB
Ref 20.00 dBm

ΔMkr3 16.36 MHz
-0.577 dB

10 dB/div
Log

1 2 3Δ1

Center 5.74500 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 40.00 MHz
Sweep 3.867 ms (1001 pts)

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	5.736 80 GHz	-4.297 dBm			
2	N	1	f	5.742 48 GHz	1.047 dBm			
3	Δ1	1	f (Δ)	16.36 MHz (Δ)	-0.577 dB			

MSG STATUS

Frequency

Auto Tune

Center Freq
5.745000000 GHz

Start Freq
5.725000000 GHz

Stop Freq
5.765000000 GHz

CF Step
4.000000 MHz
Man

Auto

Freq Offset
0 Hz

Scale Type
Log Lin

11A-Ant2-5745-PASS

Keysight Spectrum Analyzer - Sweep SA

Center Freq 5.785000000 GHz

Ref Offset 10.02 dB
Ref 20.00 dBm

ΔMkr3 16.28 MHz
-0.364 dB

10 dB/div
Log

1 2 3Δ1

Center 5.78500 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 40.00 MHz
Sweep 3.867 ms (1001 pts)

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	5.776 84 GHz	-4.424 dBm			
2	N	1	f	5.779 96 GHz	1.132 dBm			
3	Δ1	1	f (Δ)	16.28 MHz (Δ)	-0.364 dB			

MSG STATUS

Frequency

Auto Tune

Center Freq
5.785000000 GHz

Start Freq
5.765000000 GHz

Stop Freq
5.805000000 GHz

CF Step
4.000000 MHz
Man

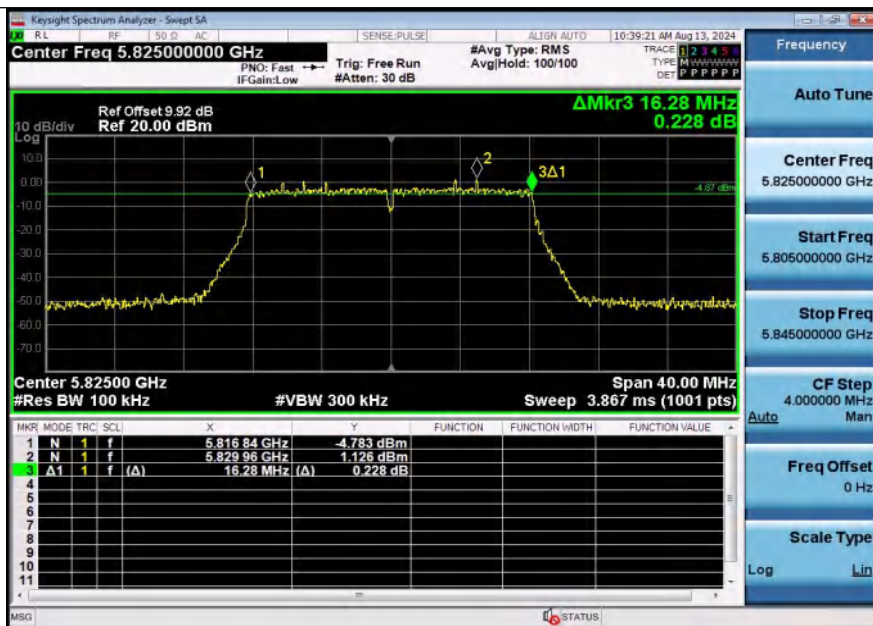
Auto

Freq Offset
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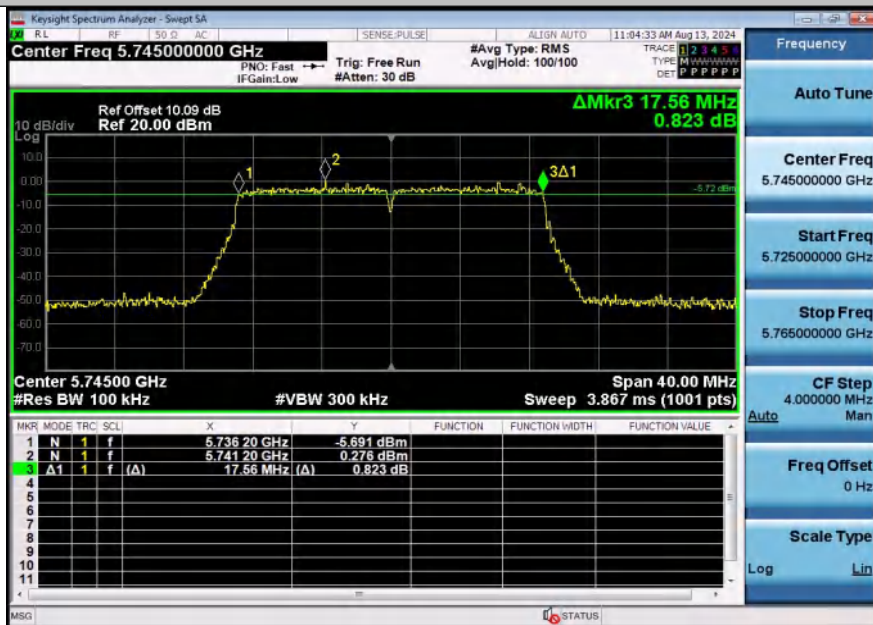
Scale Type
Log Lin

11A-Ant2-5785-PASS

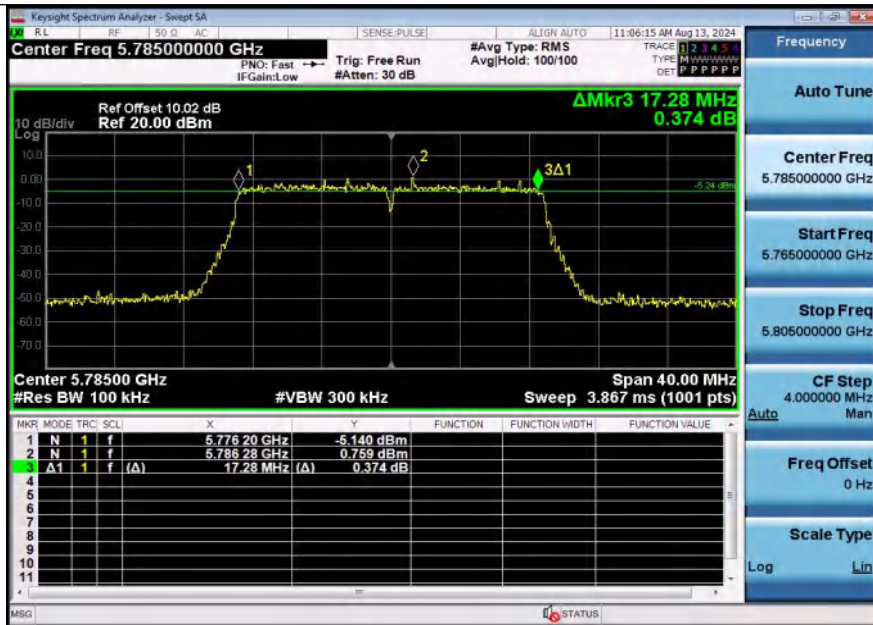
11A-Ant2-5785-PASS



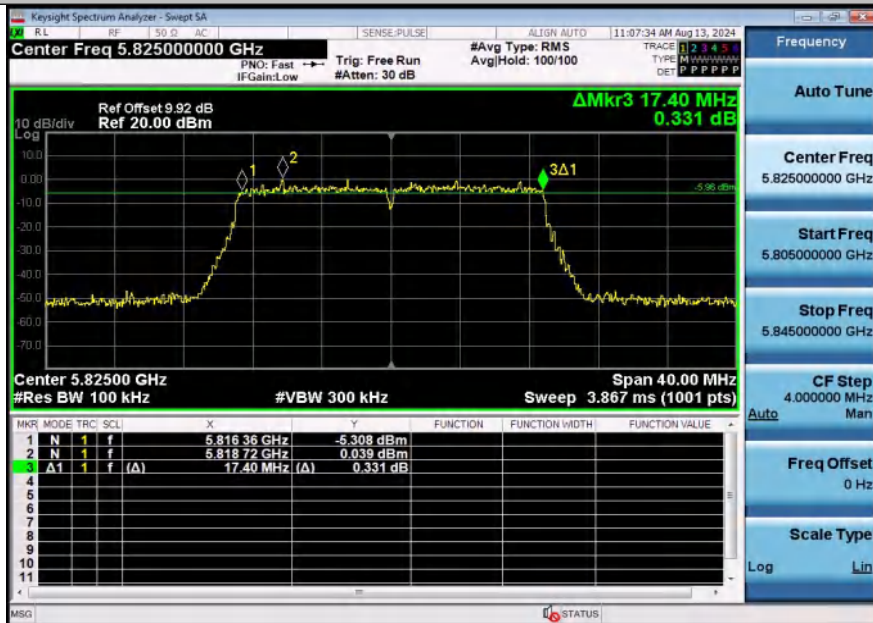
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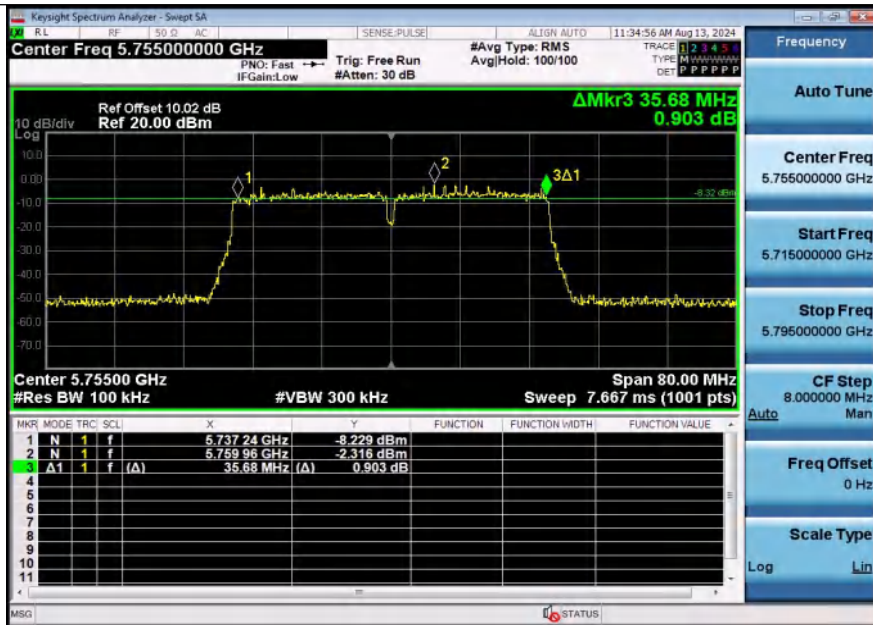
11N20SISO-Ant2-5745-PASS



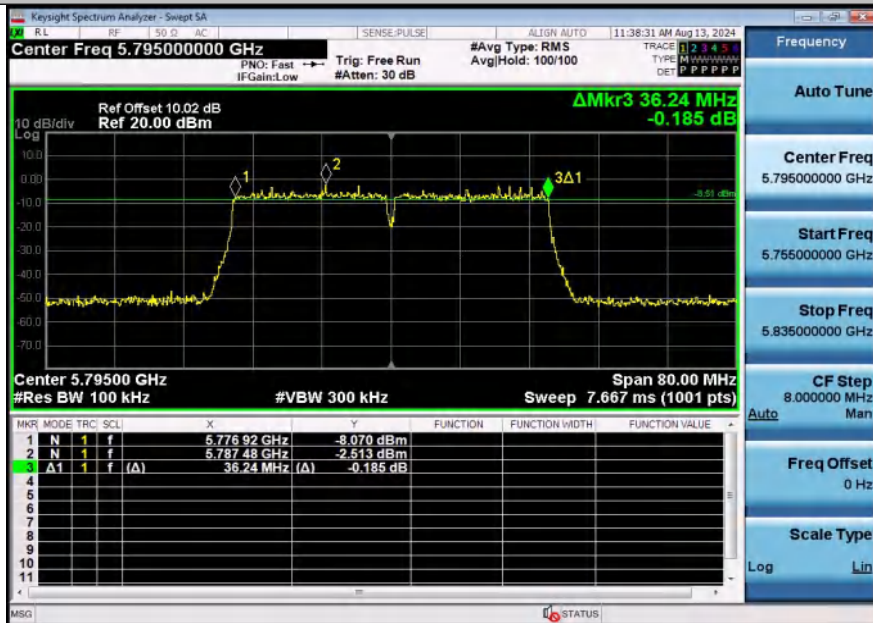
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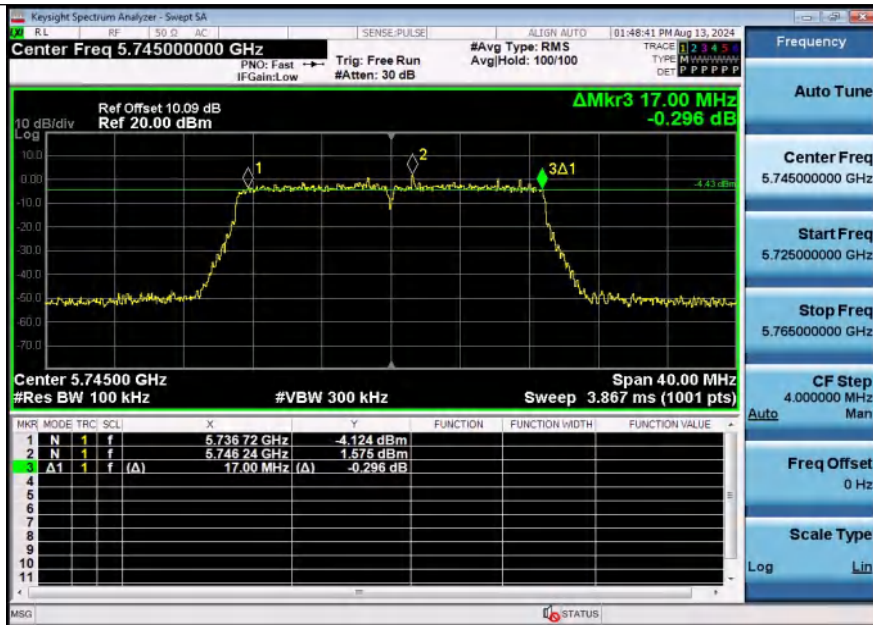
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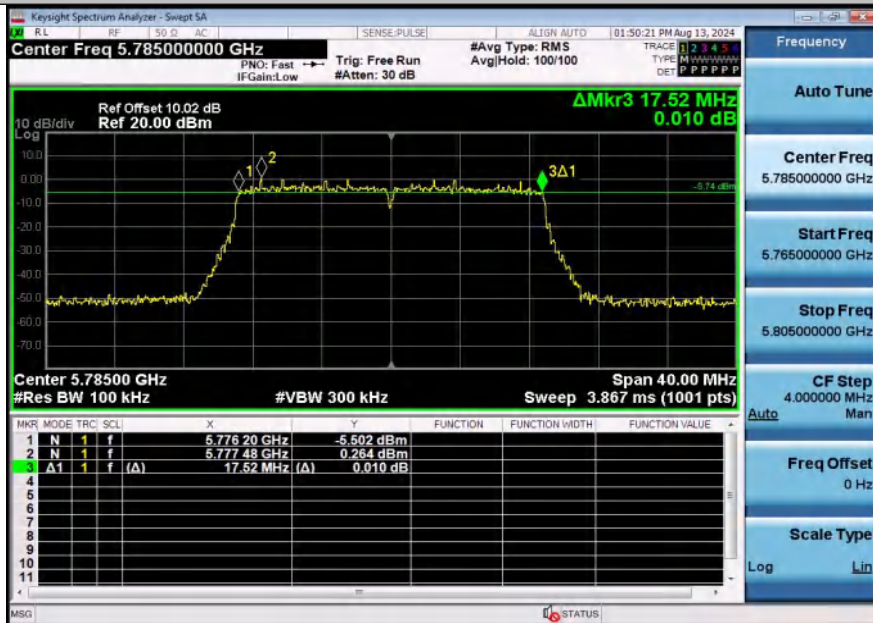
11N40SISO-Ant2-5755-PASS



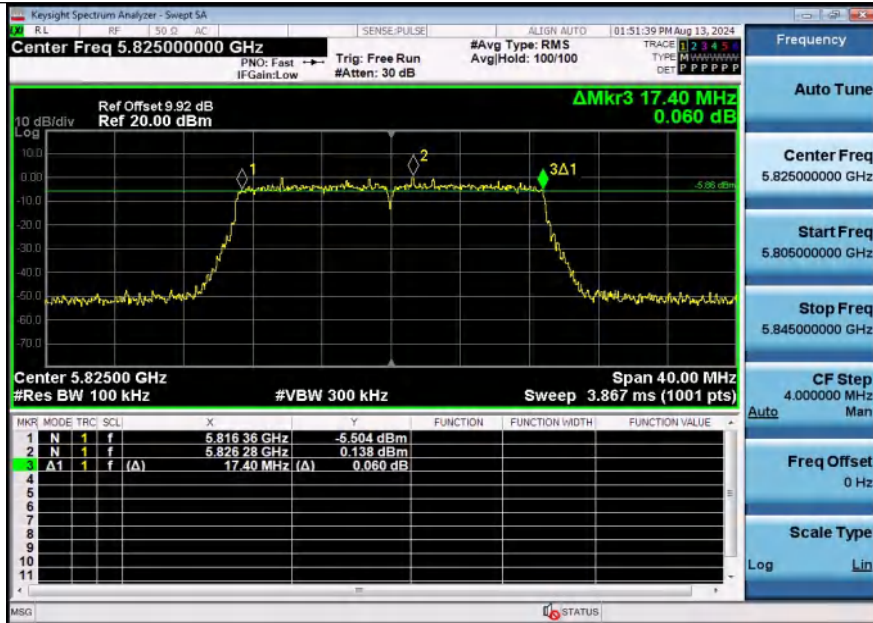
11N40SISO-Ant2-5795-PASS



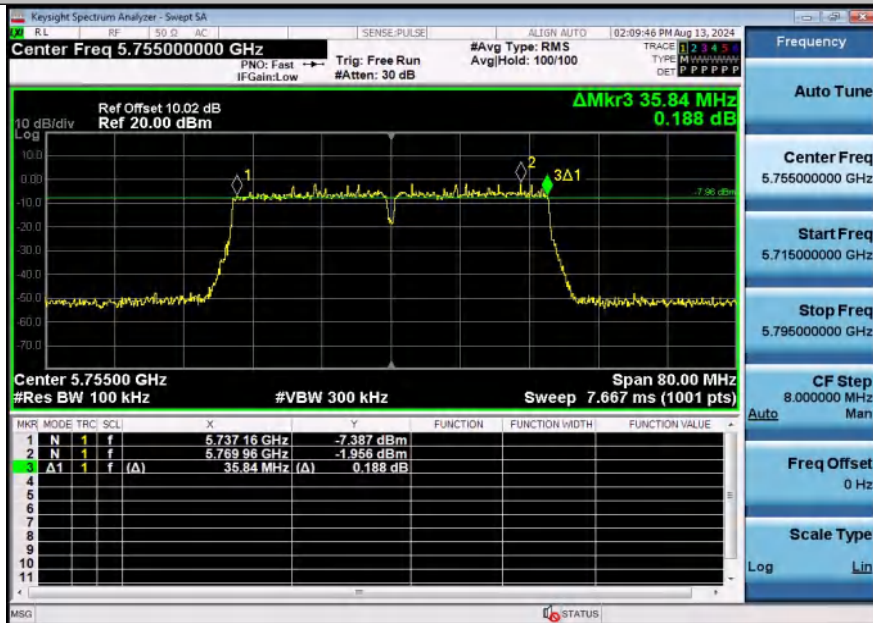
11AC20SISO-Ant2-5745-PASS



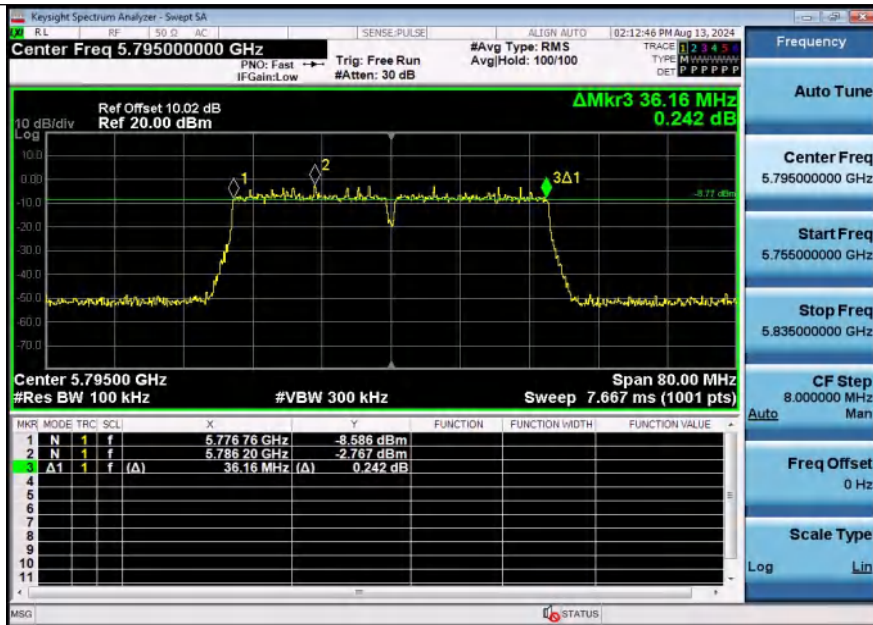
11AC20SISO-Ant2-5785-PASS



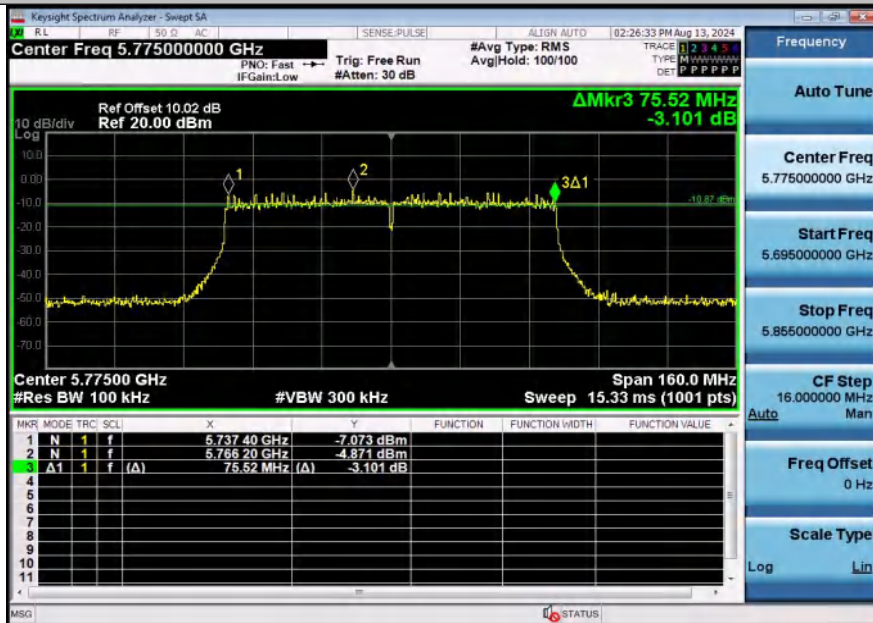
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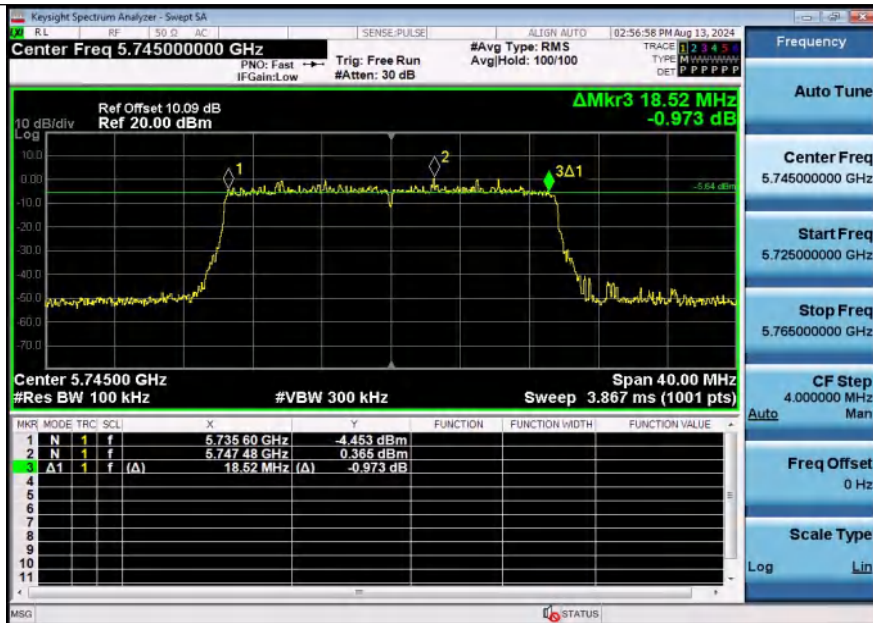
11AC40SISO-Ant2-5755-PASS



11AC40SISO-Ant2-5795-PASS



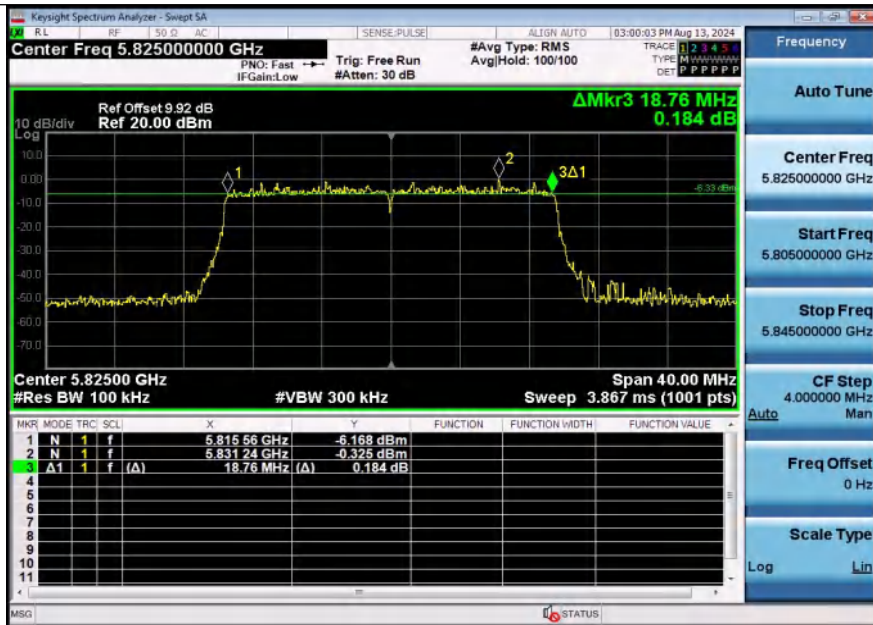
11AC80SISO-Ant2-5775-PASS



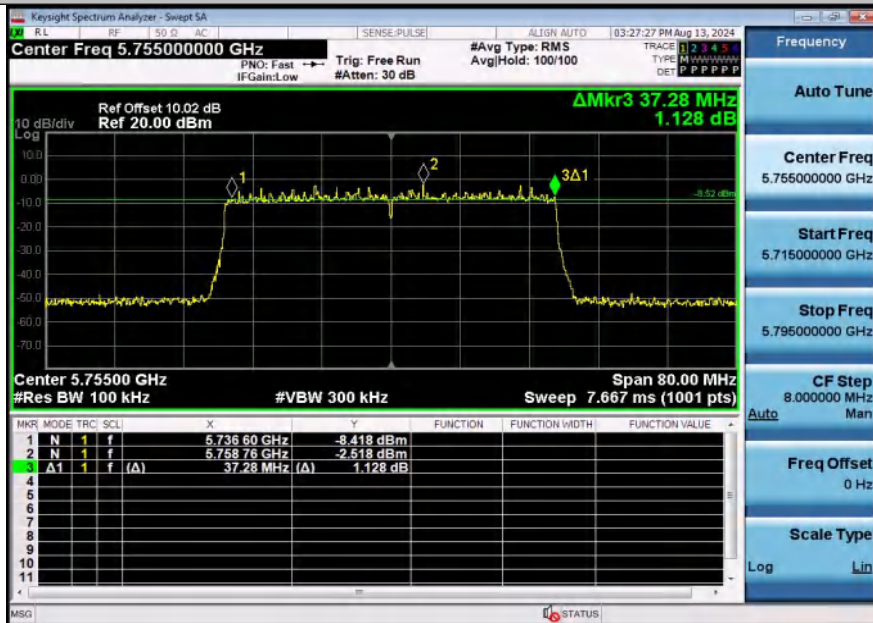
11AX20SISO-Ant2-5745-PASS



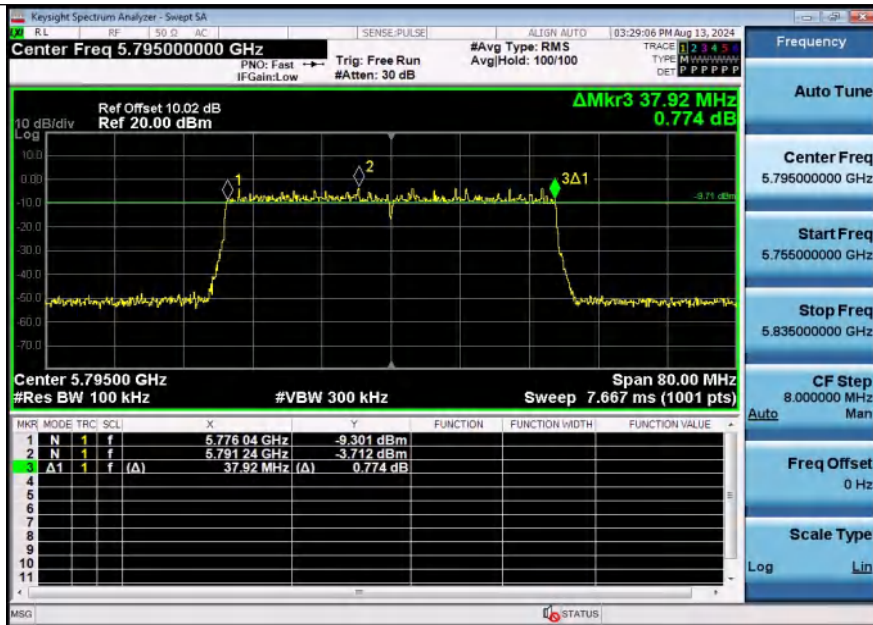
11AX20SISO-Ant2-5785-PASS



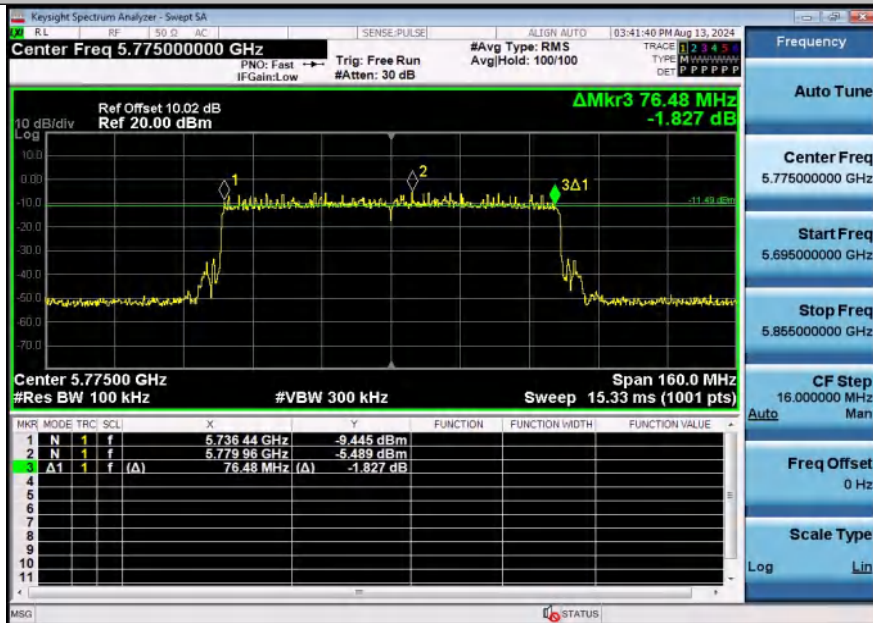
11AX20SISO-Ant2-5825-PASS



11AX40SISO-Ant2-5755-PASS



11AX40SISO-Ant2-5795-PASS



11AX80SISO-Ant2-5775-PASS

Appendix B: Duty Cycle

Test Result

Ant 1

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5180	1.36	2.61	52.11
11A	Ant1	5200	1.36	2.62	51.91
11A	Ant1	5240	1.36	2.62	51.91
11A	Ant1	5260	1.36	2.61	52.11
11A	Ant1	5280	1.36	2.61	52.11
11A	Ant1	5320	1.36	2.62	51.91
11A	Ant1	5500	1.36	2.62	51.91
11A	Ant1	5580	1.36	2.61	52.11
11A	Ant1	5700	1.36	2.62	51.91
11A	Ant1	5745	1.36	2.62	51.91
11A	Ant1	5785	1.36	2.61	52.11
11A	Ant1	5825	1.36	2.62	51.91
11N20SISO	Ant1	5180	1.16	2.41	48.13
11N20SISO	Ant1	5200	1.16	2.41	48.13
11N20SISO	Ant1	5240	1.15	2.40	47.92
11N20SISO	Ant1	5260	1.15	2.41	47.72
11N20SISO	Ant1	5280	1.16	2.41	48.13
11N20SISO	Ant1	5320	1.16	2.41	48.13
11N20SISO	Ant1	5500	1.15	2.40	47.92
11N20SISO	Ant1	5580	1.16	2.41	48.13
11N20SISO	Ant1	5700	1.15	2.40	47.92
11N20SISO	Ant1	5745	1.16	2.41	48.13
11N20SISO	Ant1	5785	1.16	2.41	48.13
11N20SISO	Ant1	5825	1.15	2.40	47.92
11N40SISO	Ant1	5190	0.57	1.82	31.32
11N40SISO	Ant1	5230	0.58	1.83	31.69
11N40SISO	Ant1	5270	0.57	1.82	31.32
11N40SISO	Ant1	5310	0.57	1.83	31.15
11N40SISO	Ant1	5510	0.58	1.83	31.69
11N40SISO	Ant1	5550	0.57	1.82	31.32
11N40SISO	Ant1	5670	0.57	1.83	31.15
11N40SISO	Ant1	5755	0.57	1.83	31.15
11N40SISO	Ant1	5795	0.57	1.82	31.32
11AC20SISO	Ant1	5180	1.15	2.41	47.72
11AC20SISO	Ant1	5200	1.15	2.40	47.92
11AC20SISO	Ant1	5240	1.15	2.41	47.72

11AC20SISO	Ant1	5260	1.15	2.41	47.72
11AC20SISO	Ant1	5280	1.15	2.40	47.92
11AC20SISO	Ant1	5320	1.15	2.40	47.92
11AC20SISO	Ant1	5500	1.15	2.41	47.72
11AC20SISO	Ant1	5580	1.15	2.41	47.72
11AC20SISO	Ant1	5700	1.15	2.40	47.92
11AC20SISO	Ant1	5745	1.15	2.41	47.72
11AC20SISO	Ant1	5785	1.15	2.40	47.92
11AC20SISO	Ant1	5825	1.16	2.41	48.13
11AC40SISO	Ant1	5190	0.58	1.83	31.69
11AC40SISO	Ant1	5230	0.58	1.83	31.69
11AC40SISO	Ant1	5270	0.58	1.83	31.69
11AC40SISO	Ant1	5310	0.58	1.83	31.69
11AC40SISO	Ant1	5510	0.58	1.83	31.69
11AC40SISO	Ant1	5550	0.58	1.83	31.69
11AC40SISO	Ant1	5670	0.58	1.83	31.69
11AC40SISO	Ant1	5755	0.58	1.83	31.69
11AC40SISO	Ant1	5795	0.58	1.83	31.69
11AC80SISO	Ant1	5210	0.29	1.54	18.83
11AC80SISO	Ant1	5290	0.29	1.54	18.83
11AC80SISO	Ant1	5530	0.29	1.54	18.83
11AC80SISO	Ant1	5610	0.29	1.54	18.83
11AC80SISO	Ant1	5775	0.29	1.55	18.71
11AC160SISO	Ant1	5250	0.17	1.42	11.97
11AC160SISO	Ant1	5570	0.17	1.42	11.97
11AX20SISO	Ant1	5180	0.98	2.24	43.75
11AX20SISO	Ant1	5200	0.99	2.24	44.20
11AX20SISO	Ant1	5240	0.99	2.24	44.20
11AX20SISO	Ant1	5260	0.99	2.24	44.20
11AX20SISO	Ant1	5280	0.99	2.24	44.20
11AX20SISO	Ant1	5320	0.99	2.24	44.20
11AX20SISO	Ant1	5500	0.98	2.24	43.75
11AX20SISO	Ant1	5580	0.99	2.24	44.20
11AX20SISO	Ant1	5700	0.98	2.24	43.75
11AX20SISO	Ant1	5745	0.99	2.24	44.20
11AX20SISO	Ant1	5785	0.99	2.24	44.20
11AX20SISO	Ant1	5825	0.99	2.24	44.20
11AX40SISO	Ant1	5190	0.52	1.77	29.38
11AX40SISO	Ant1	5230	0.52	1.77	29.38
11AX40SISO	Ant1	5270	0.52	1.78	29.21
11AX40SISO	Ant1	5310	0.52	1.77	29.38
11AX40SISO	Ant1	5510	0.52	1.77	29.38
11AX40SISO	Ant1	5550	0.52	1.77	29.38

11AX40SISO	Ant1	5670	0.52	1.78	29.21
11AX40SISO	Ant1	5755	0.52	1.78	29.21
11AX40SISO	Ant1	5795	0.52	1.78	29.21
11AX80SISO	Ant1	5210	0.27	1.53	17.65
11AX80SISO	Ant1	5290	0.28	1.53	18.30
11AX80SISO	Ant1	5530	0.28	1.53	18.30
11AX80SISO	Ant1	5610	0.28	1.54	18.18
11AX80SISO	Ant1	5775	0.28	1.53	18.30
11AX160SISO	Ant1	5250	0.17	1.42	11.97
11AX160SISO	Ant1	5570	0.17	1.42	11.97

The image displays two screenshots of a Keysight Spectrum Analyzer, showing signal measurements for two different antennas: NTV-11A-Ant1-5180 and NTV-11A-Ant1-5200.

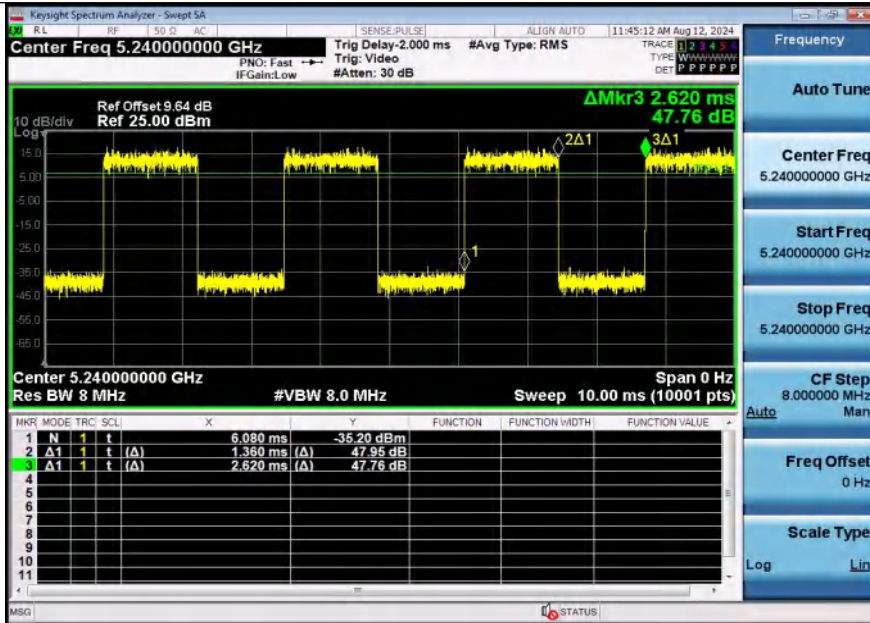
Top Screenshot (NTV-11A-Ant1-5180):

- Center Freq:** 5.180000000 GHz
- Res BW:** 8 MHz
- #VBW:** 8.0 MHz
- Sweep:** 10.00 ms (10001 pts)
- Ref Offset:** 9.78 dB
- Ref:** 25.00 dBm
- Trig Delay:** 2.000 ms
- #Avg Type:** RMS
- Trig:** Video
- #Atten:** 30 dB
- Measurements:**
 - $\Delta\text{Mkr}3$ 2.610 ms
 - 41.69 dB

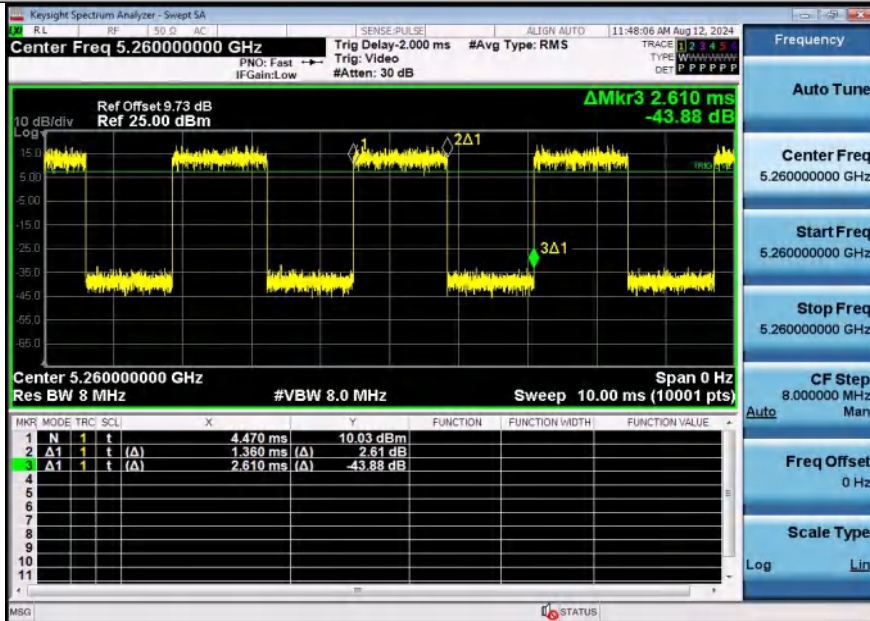
Bottom Screenshot (NTV-11A-Ant1-5200):

- Center Freq:** 5.200000000 GHz
- Res BW:** 8 MHz
- #VBW:** 8.0 MHz
- Sweep:** 10.00 ms (10001 pts)
- Ref Offset:** 9.78 dB
- Ref:** 25.00 dBm
- Trig Delay:** 2.000 ms
- #Avg Type:** RMS
- Trig:** Video
- #Atten:** 30 dB
- Measurements:**
 - $\Delta\text{Mkr}3$ 2.620 ms
 - 29.92 dB

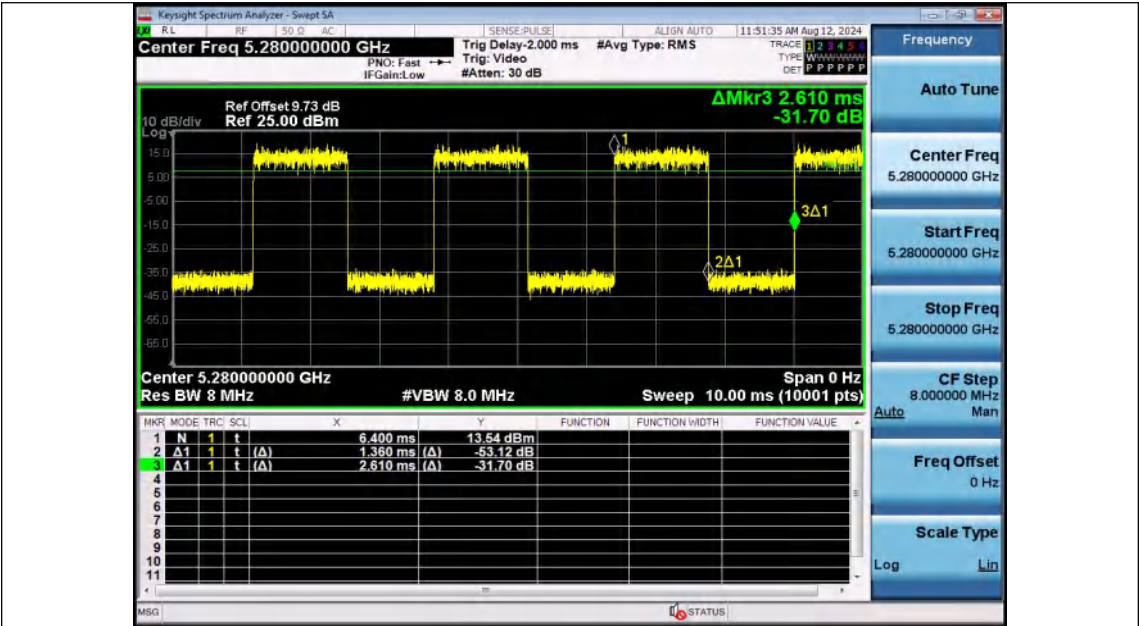
NTNV-11A-Ant1-5200



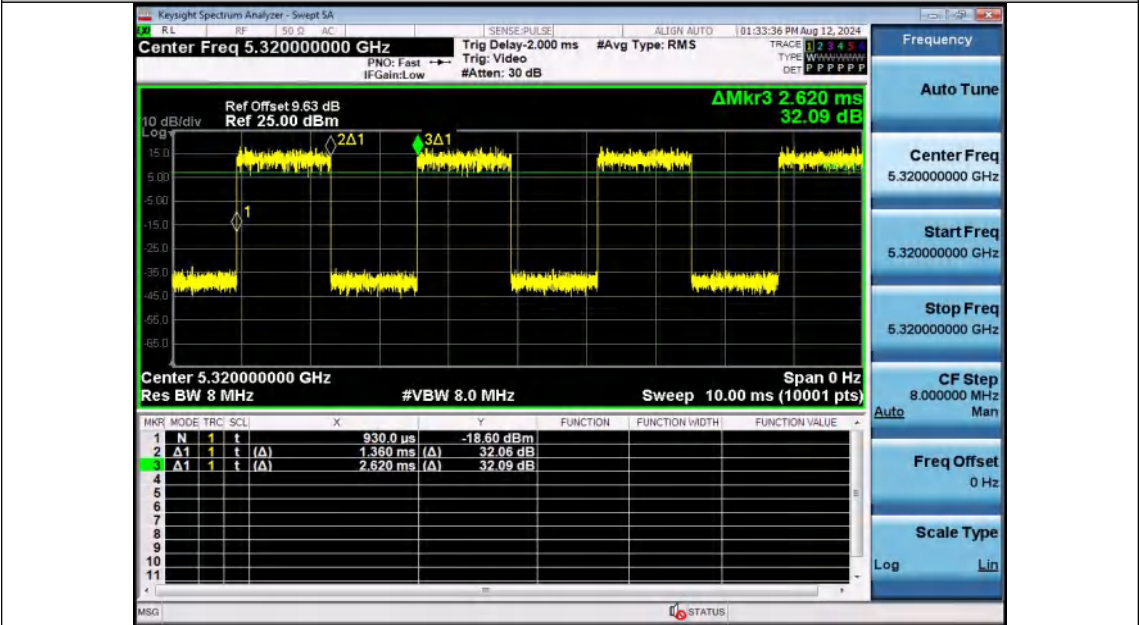
NTNV-11A-Ant1-5240



NTNV-11A-Ant1-5260



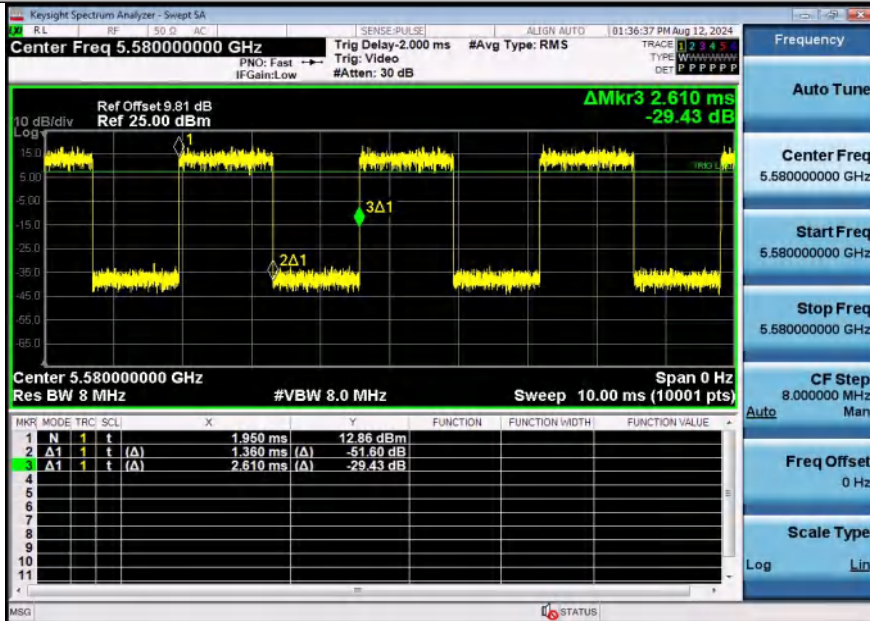
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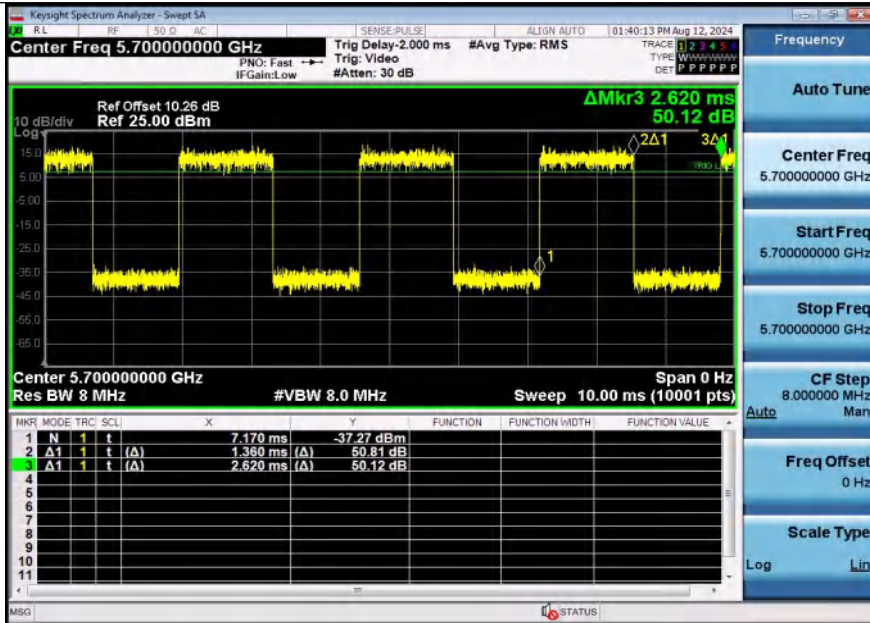
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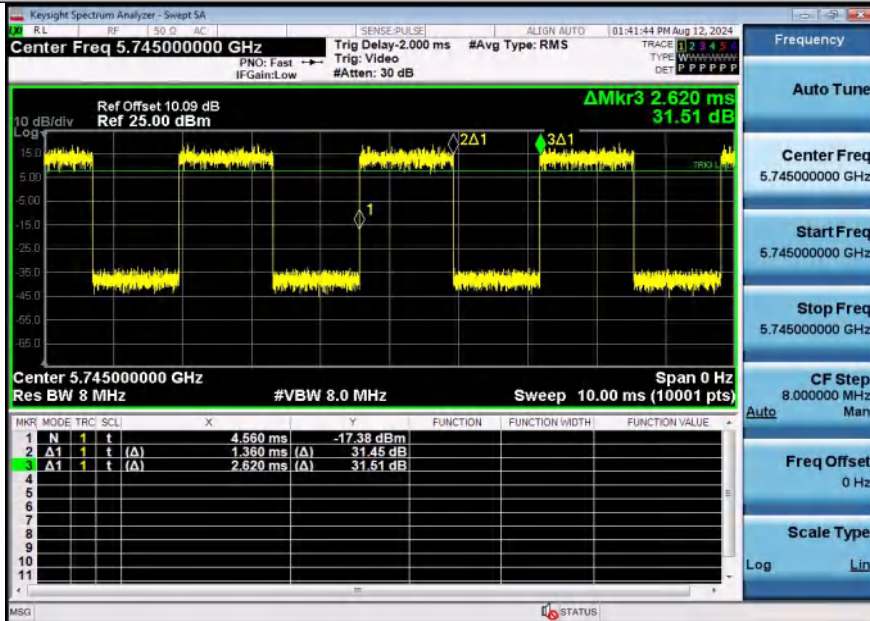
NTNV-11A-Ant1-5500



NTNV-11A-Ant1-5580



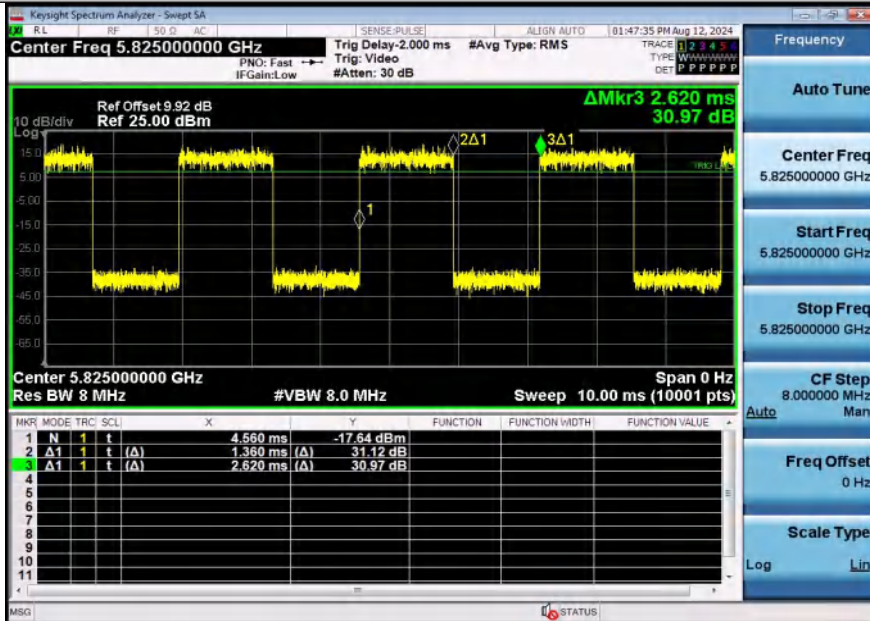
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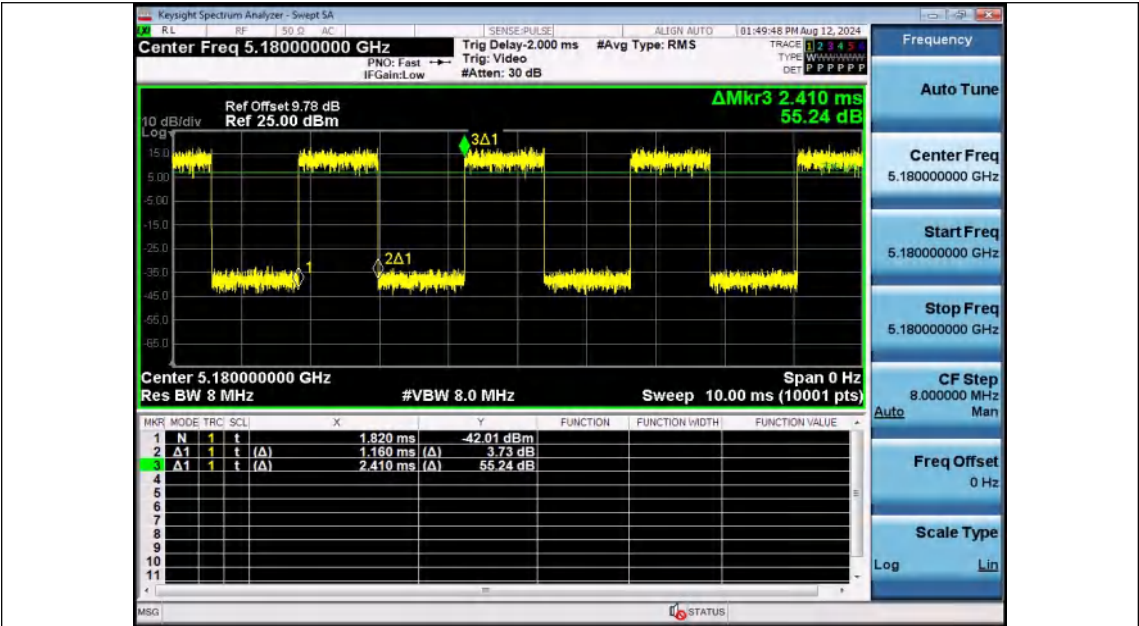
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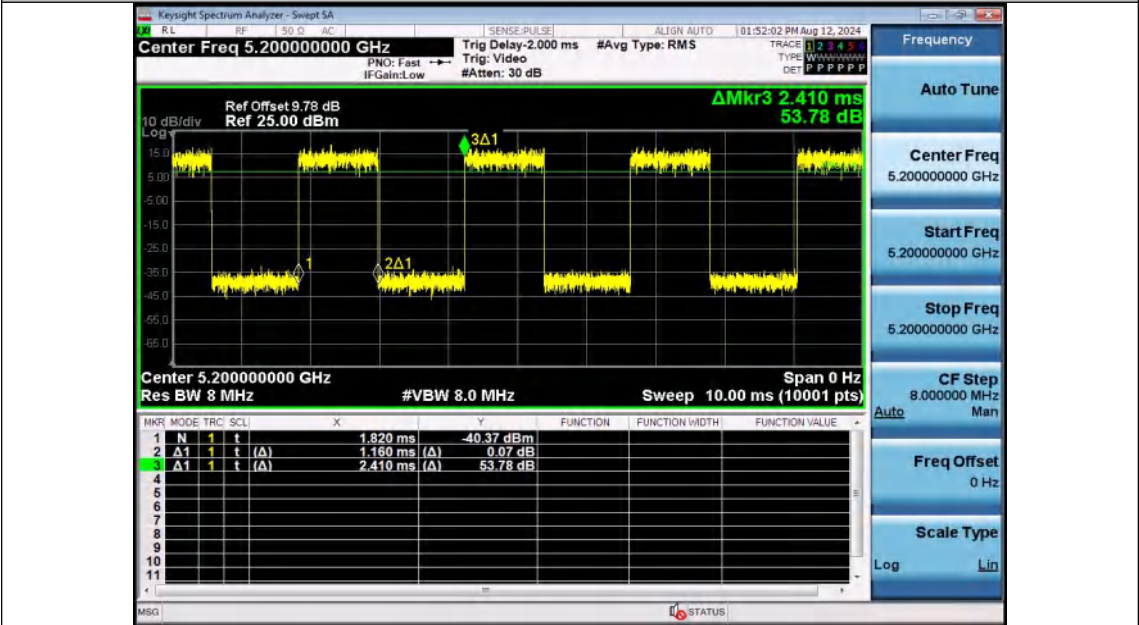
NTNV-11A-Ant1-5785



NTNV-11A-Ant1-5825



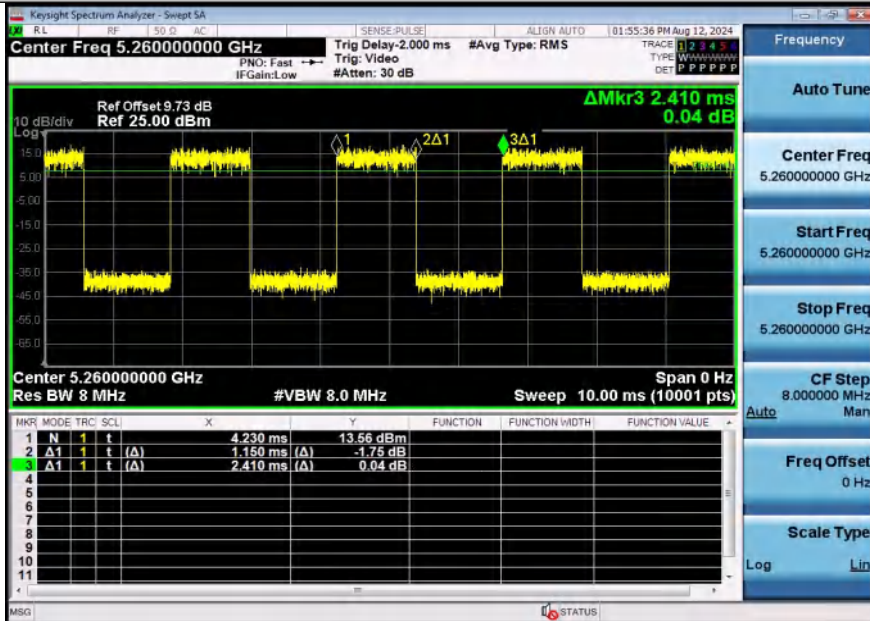
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NTNV-11N20SISO-Ant1-5200



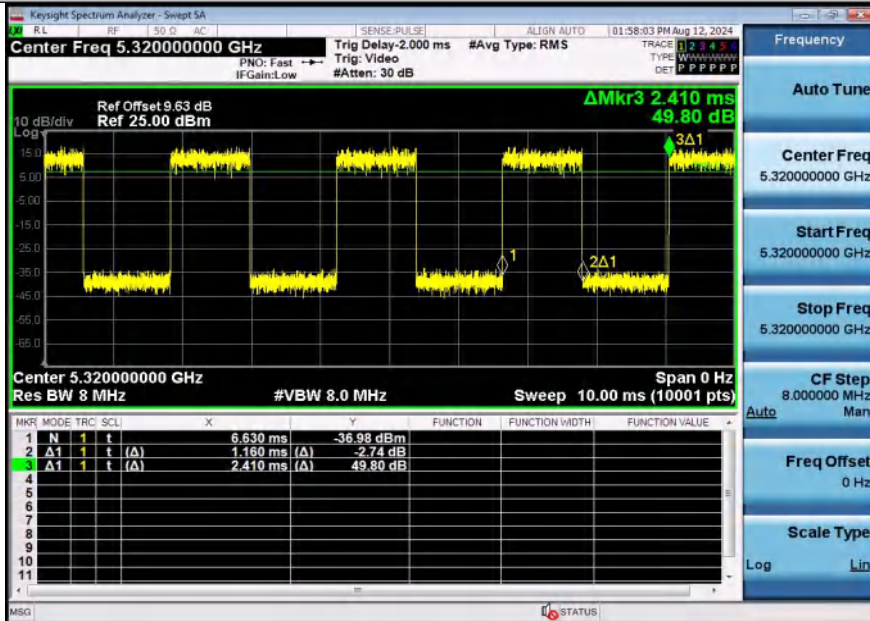
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NTNV-11N20SISO-Ant1-5260



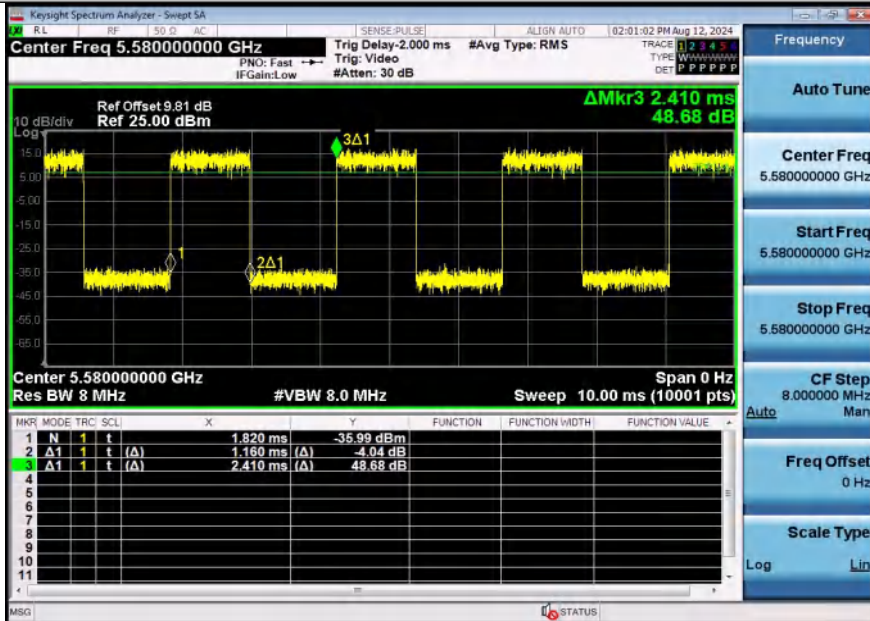
NTNV-11N20SISO-Ant1-5280



NTNV-11N20SISO-Ant1-5320



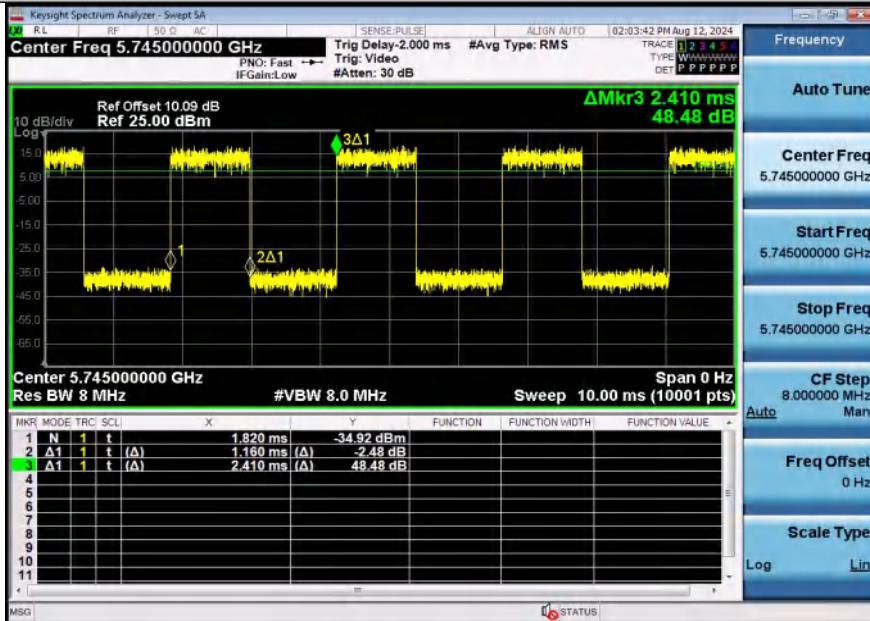
NTNV-11N20SISO-Ant1-5500



NTNV-11N20SISO-Ant1-5580



NTNV-11N20SISO-Ant1-5700



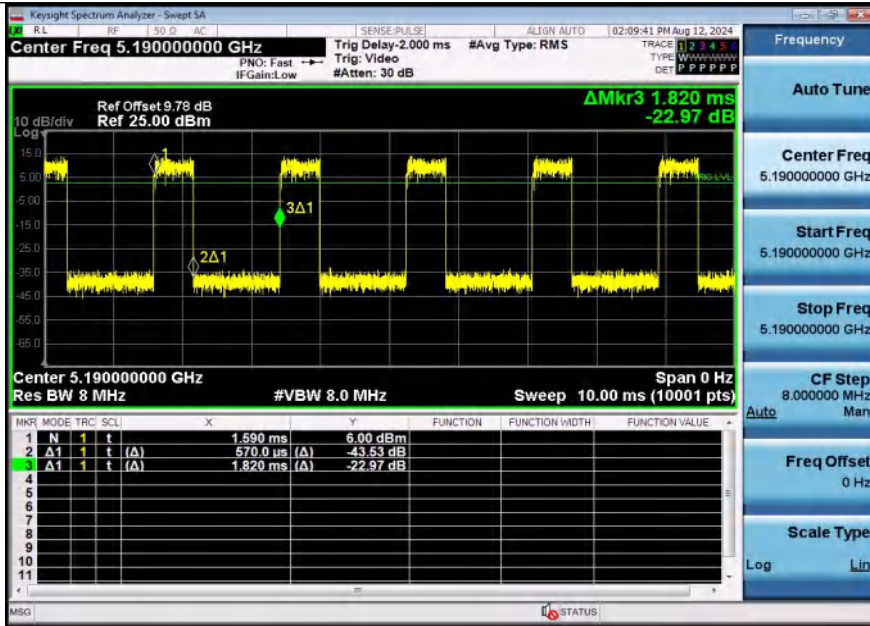
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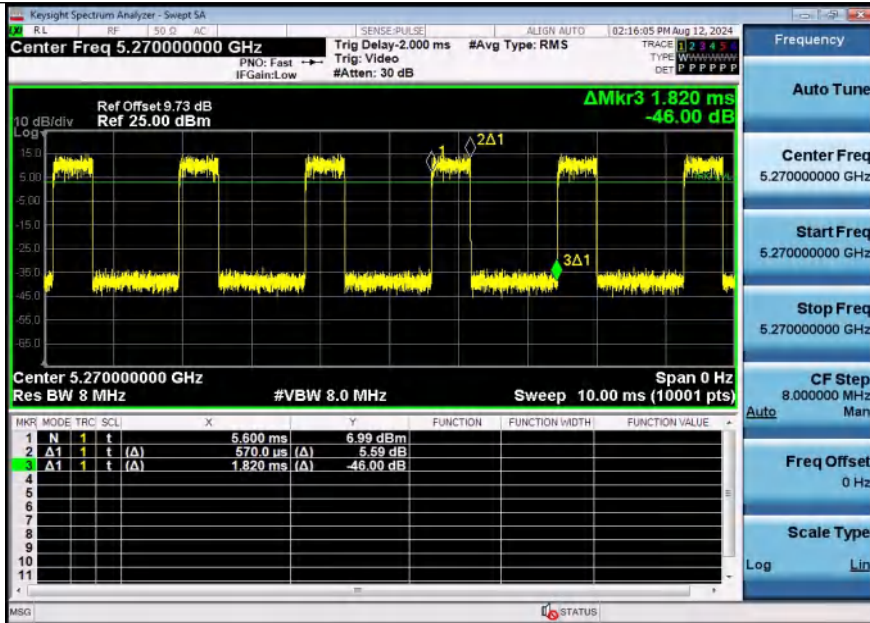
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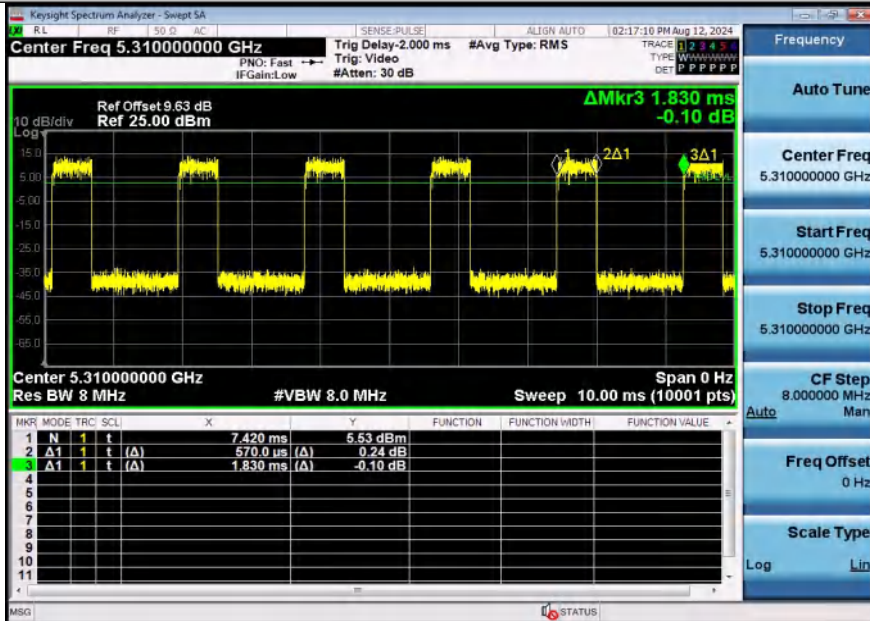
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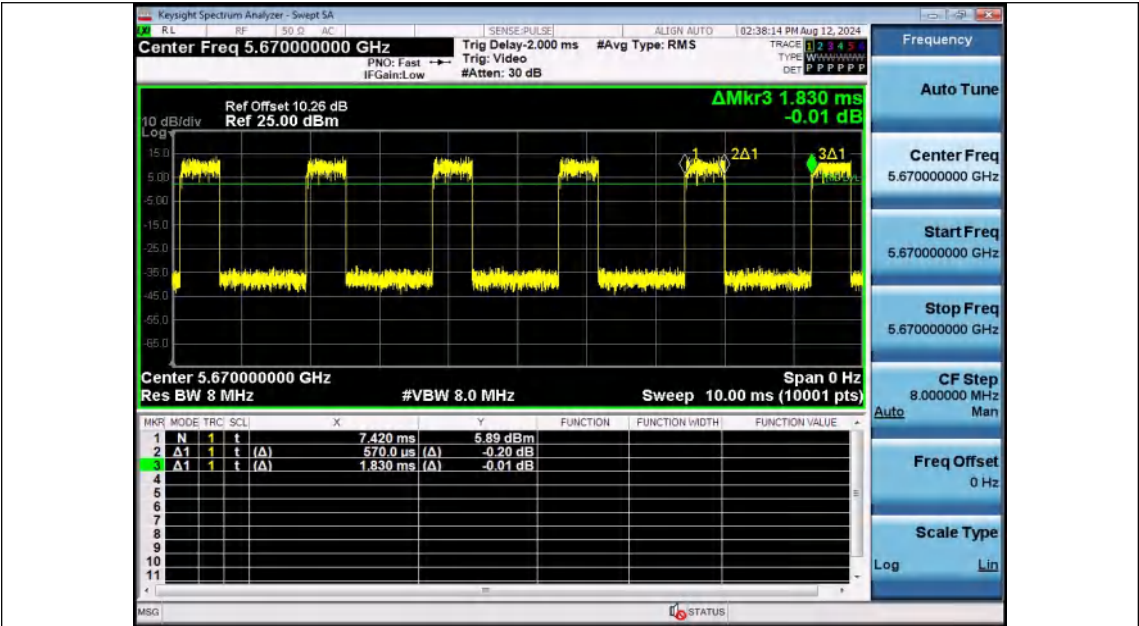
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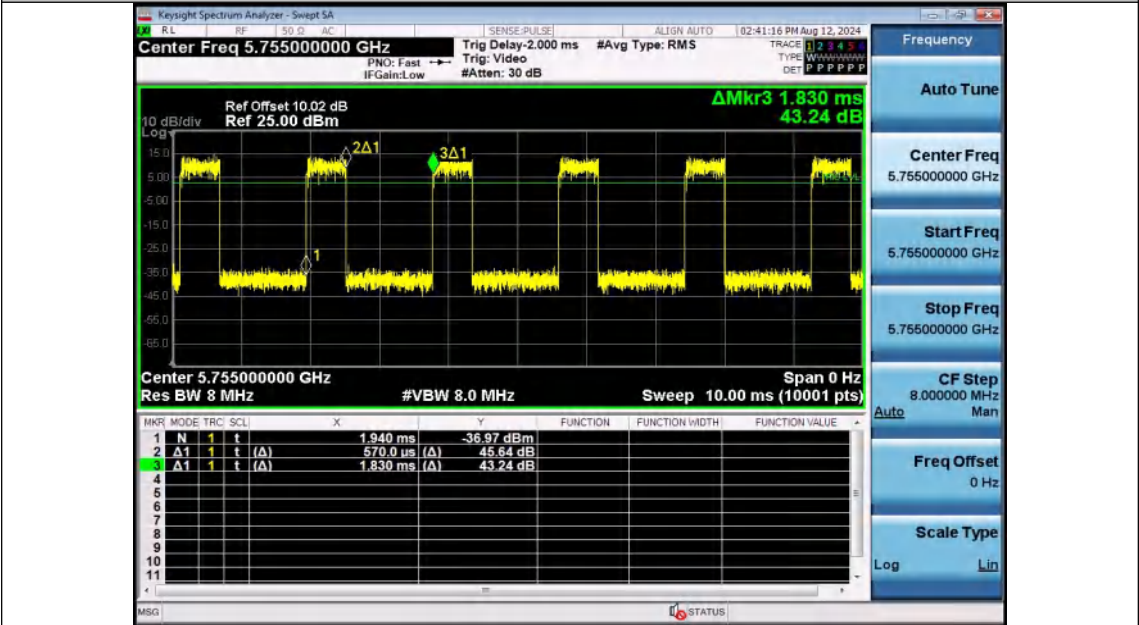
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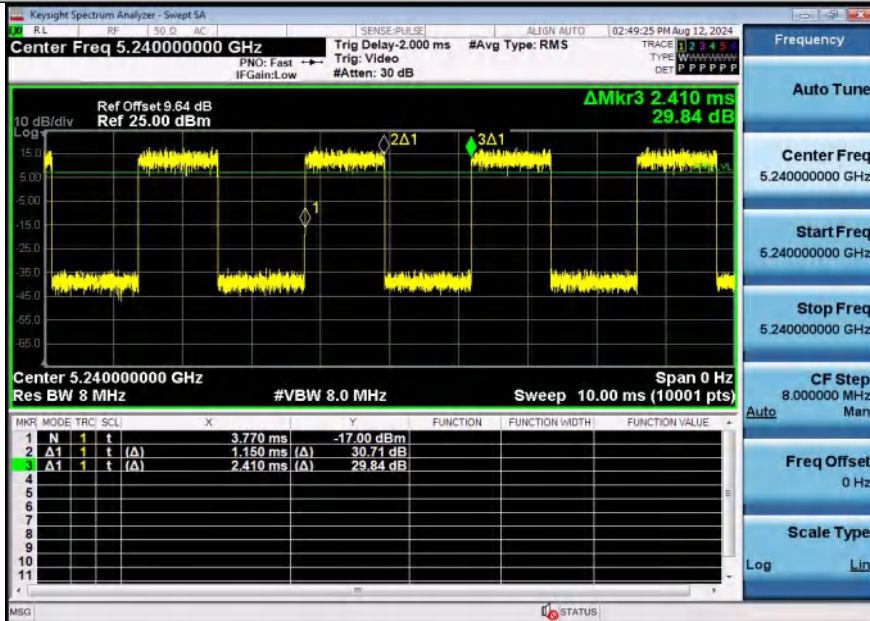
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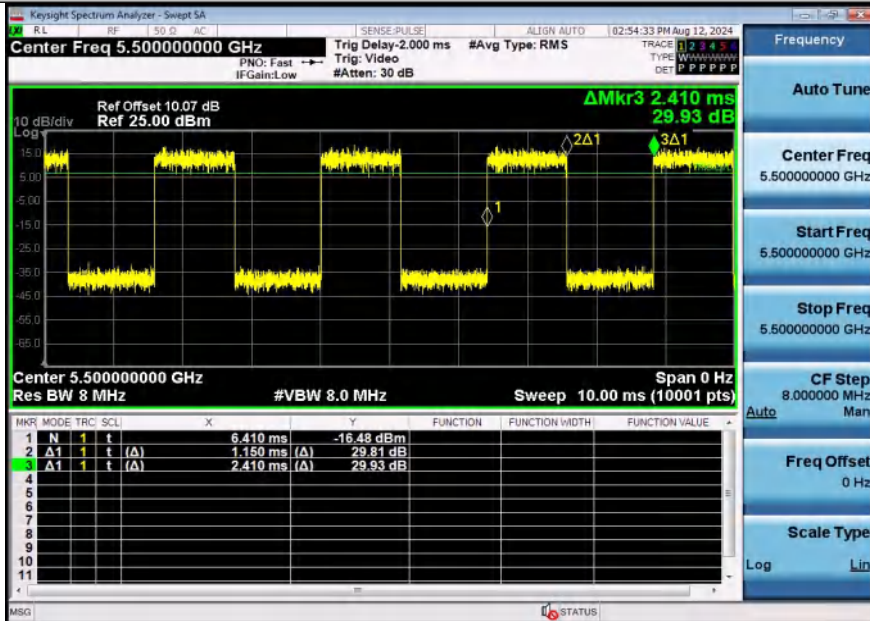
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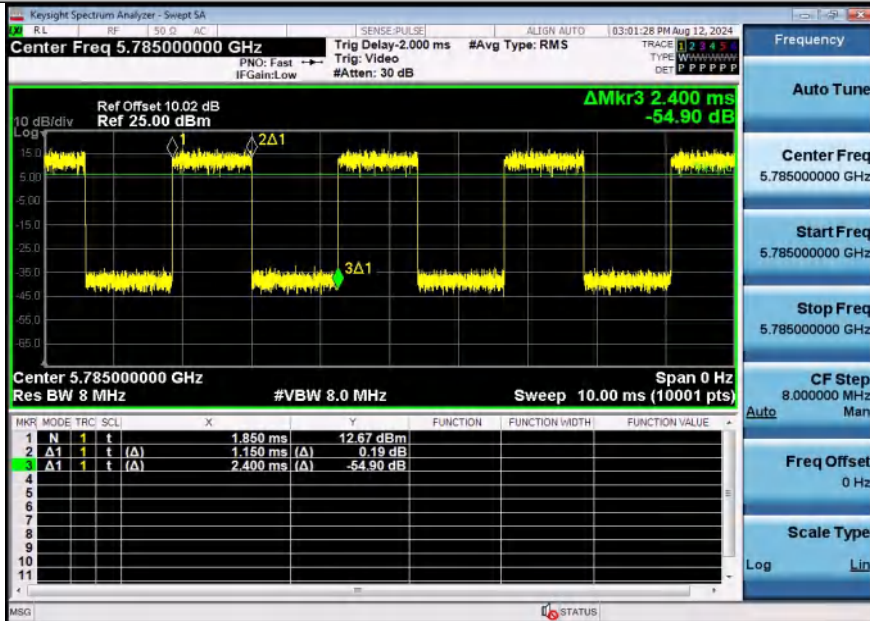
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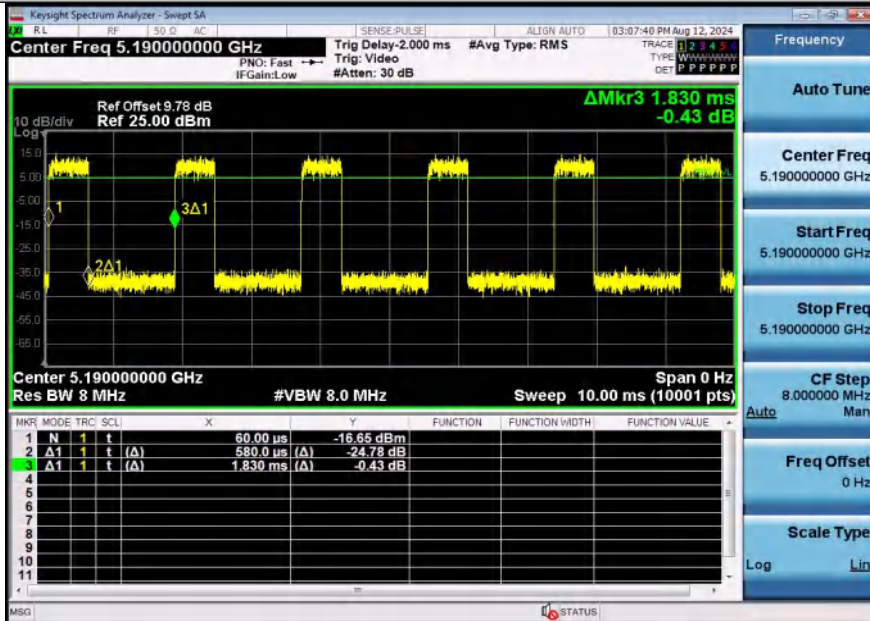
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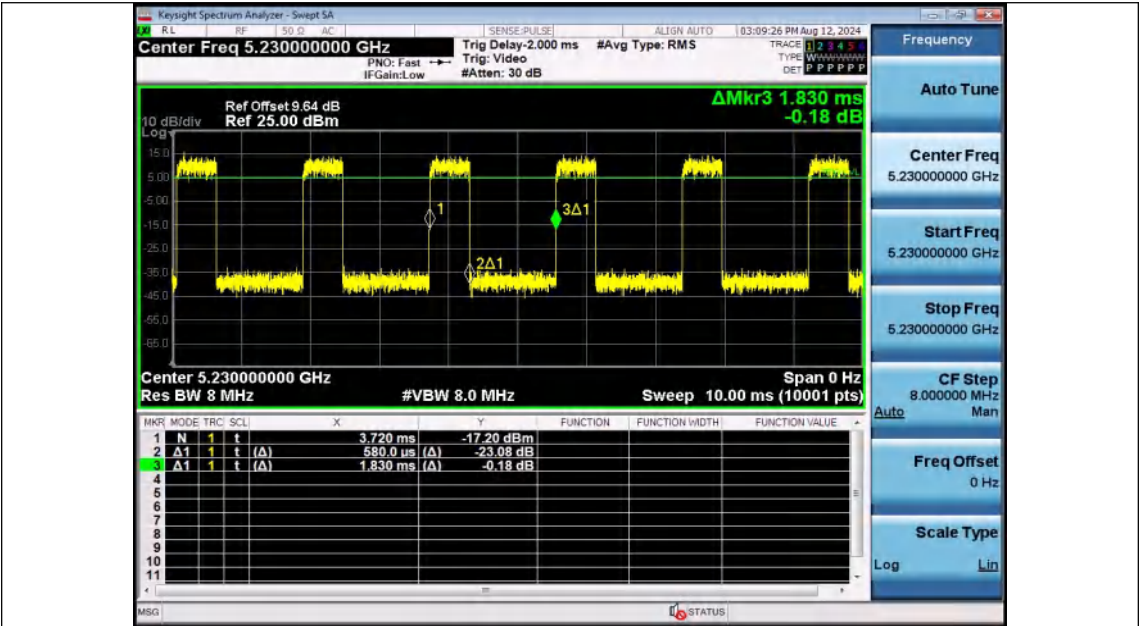
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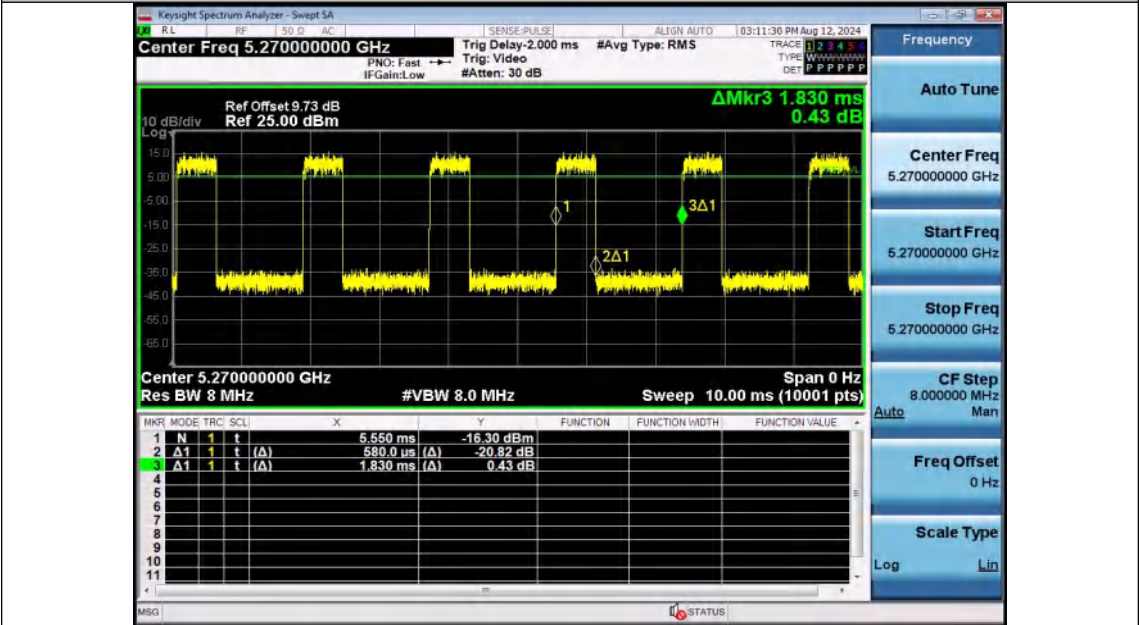
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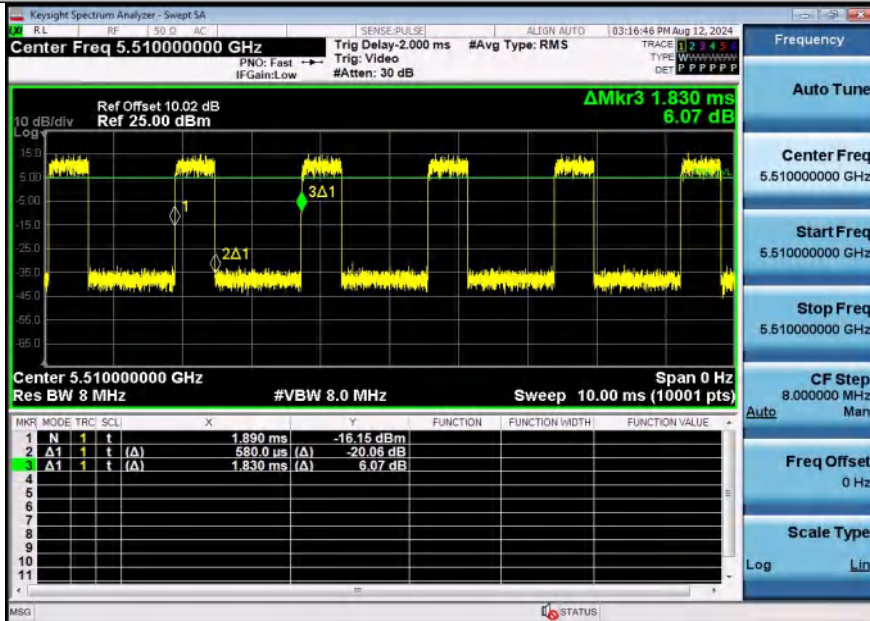
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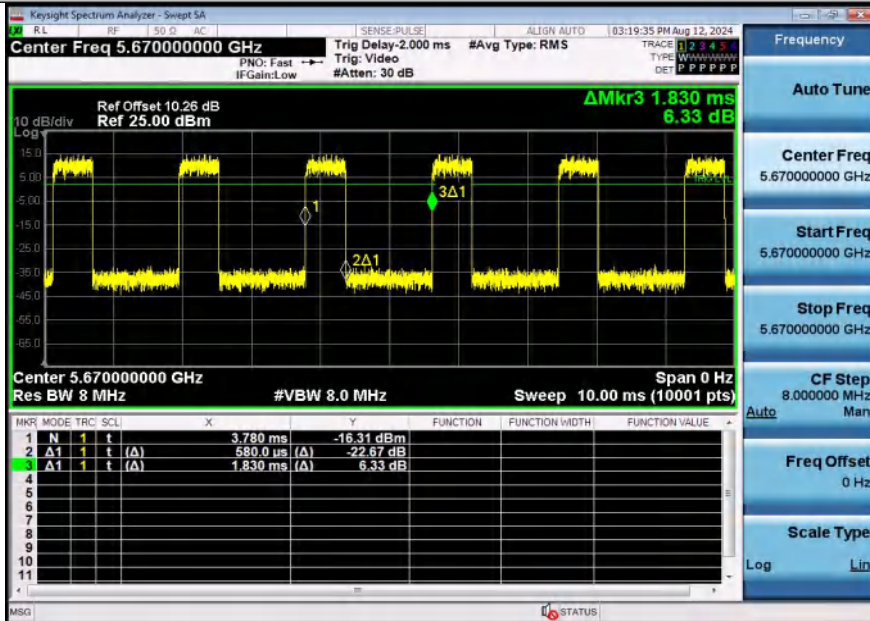
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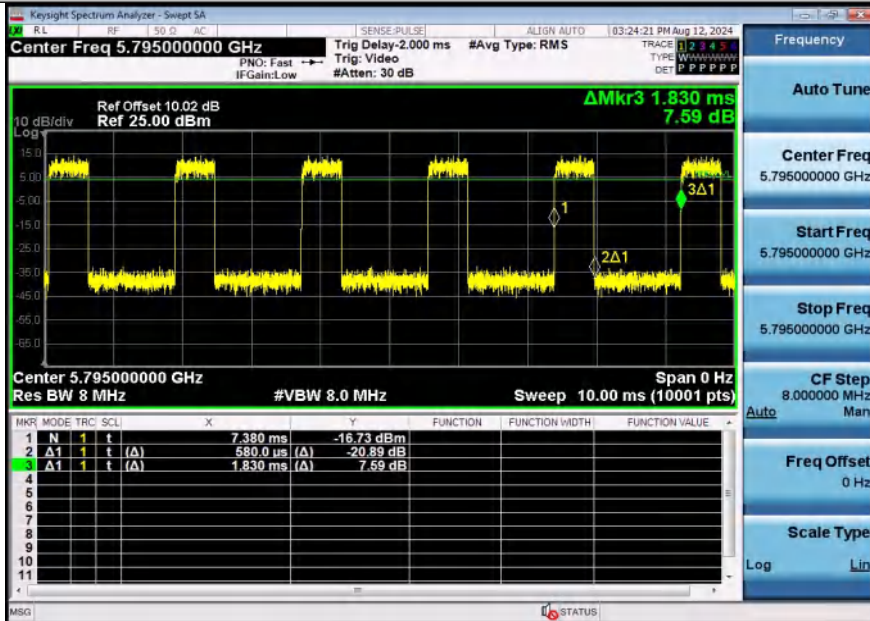
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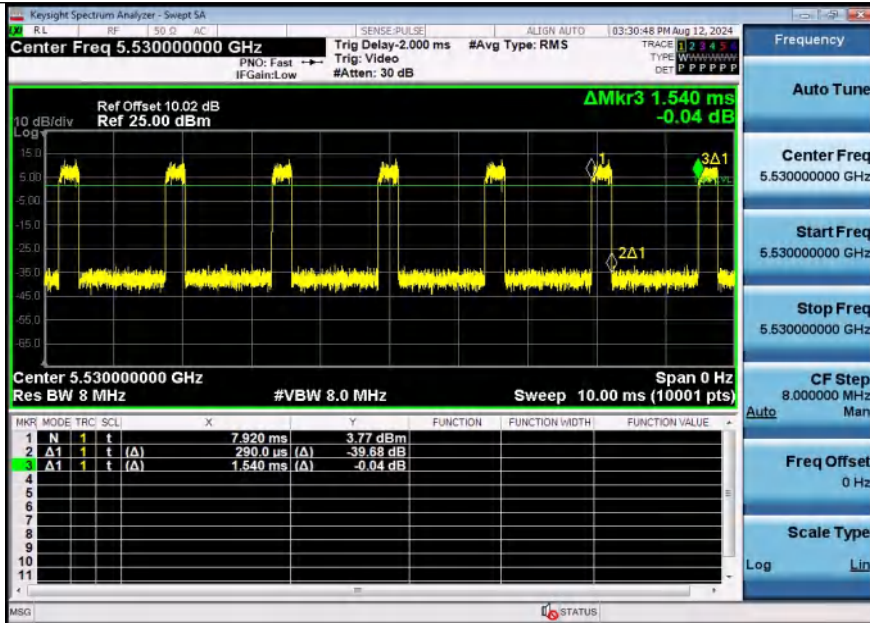
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NTNV-11AC80SISO-Ant1-5210



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NTNV-11AC80SISO-Ant1-5530



NTNV-11AC80SISO-Ant1-5610



NTNV-11AC80SISO-Ant1-5775



NTNV-11AC160SISO-Ant1-5250