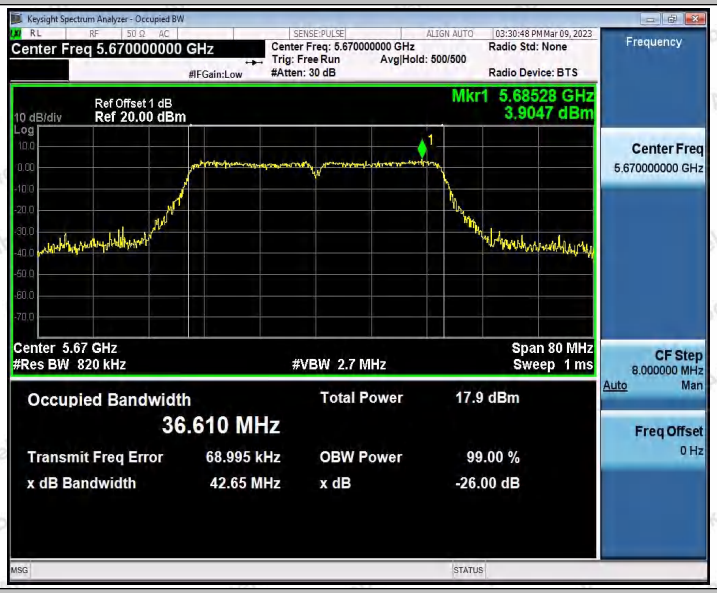
11N40SISO_Ant1_5670



11N40SISO_Ant1_5755

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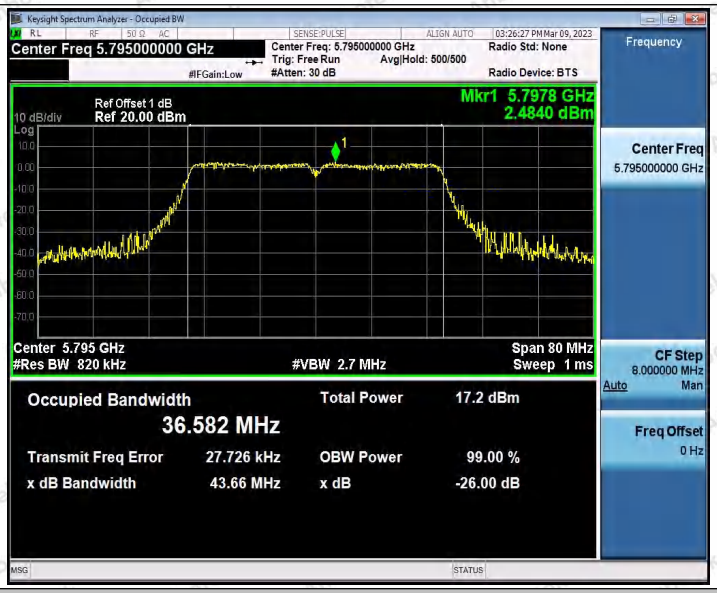
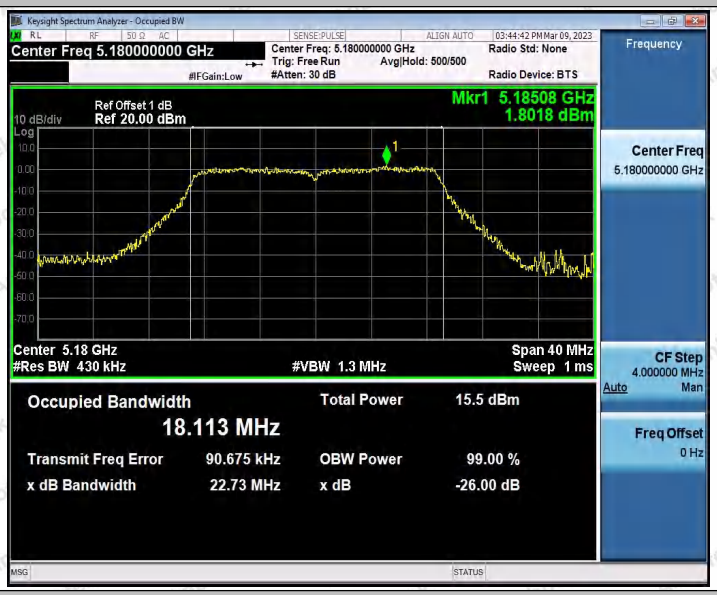


11AC20SISO_Ant1_5180



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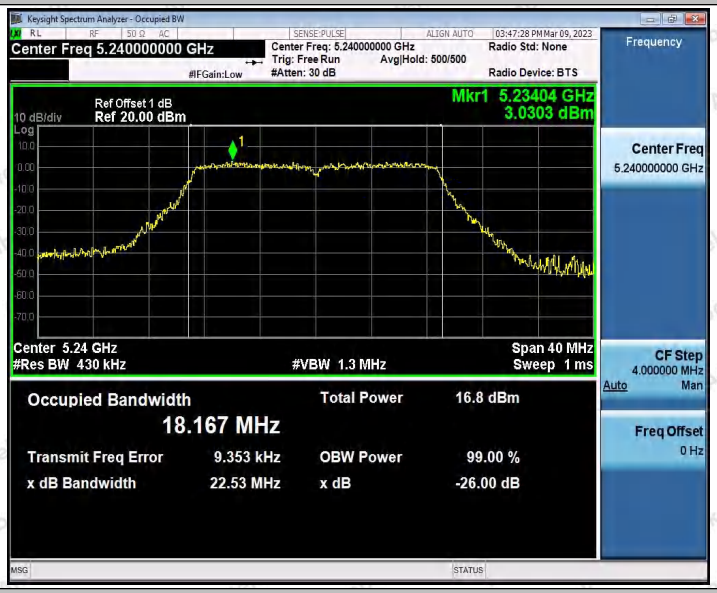

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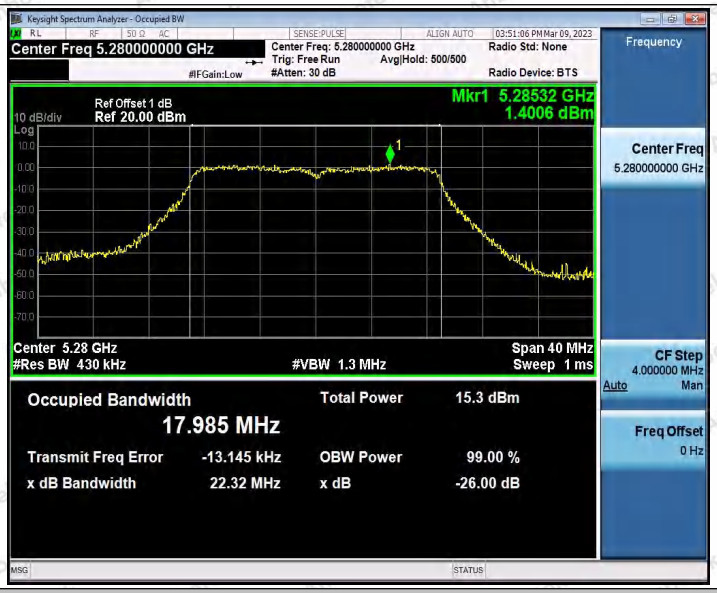

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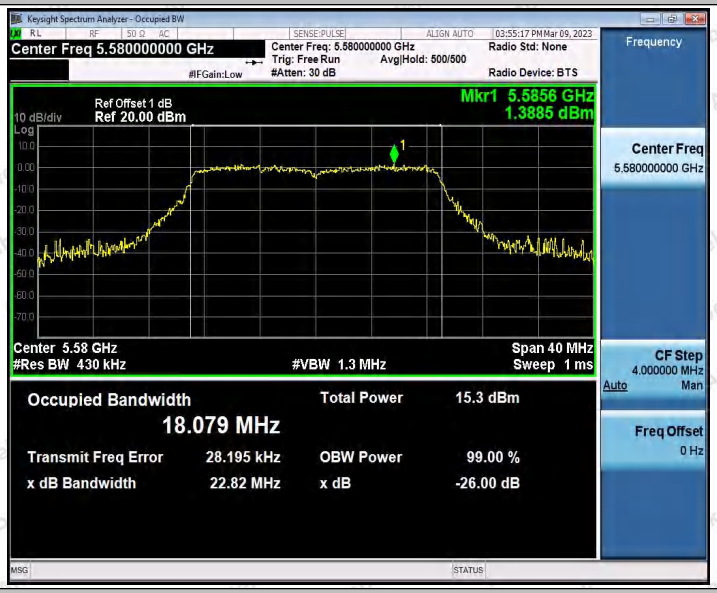

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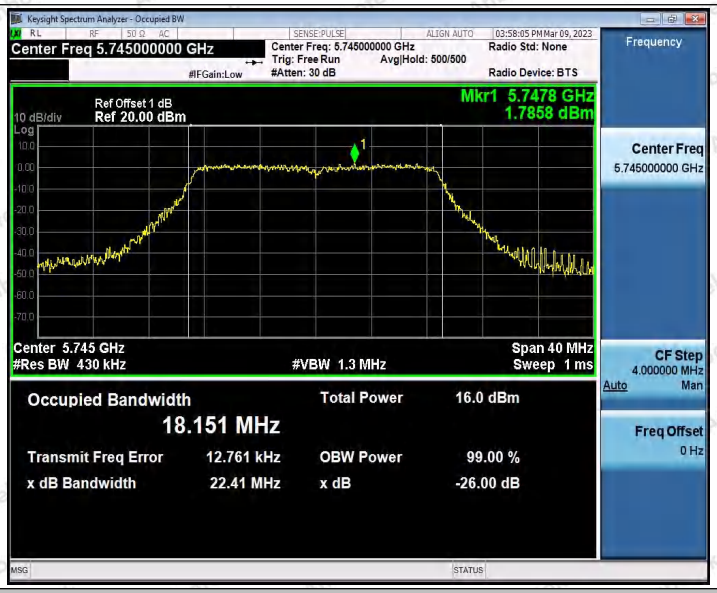

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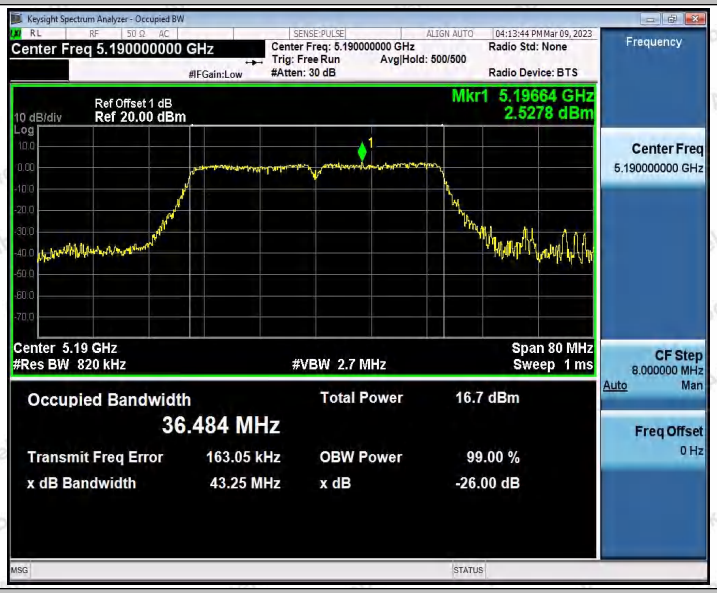
11AC20SISO_Ant1_5825

11AC40SISO_Ant1_5190



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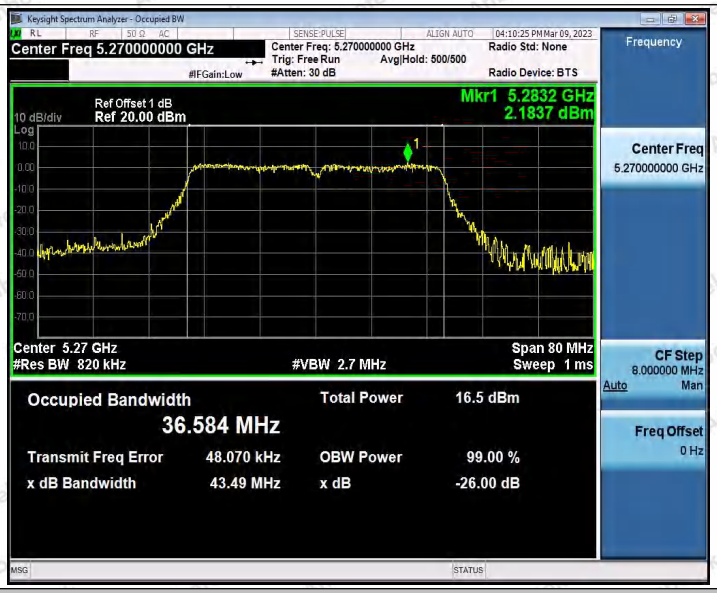

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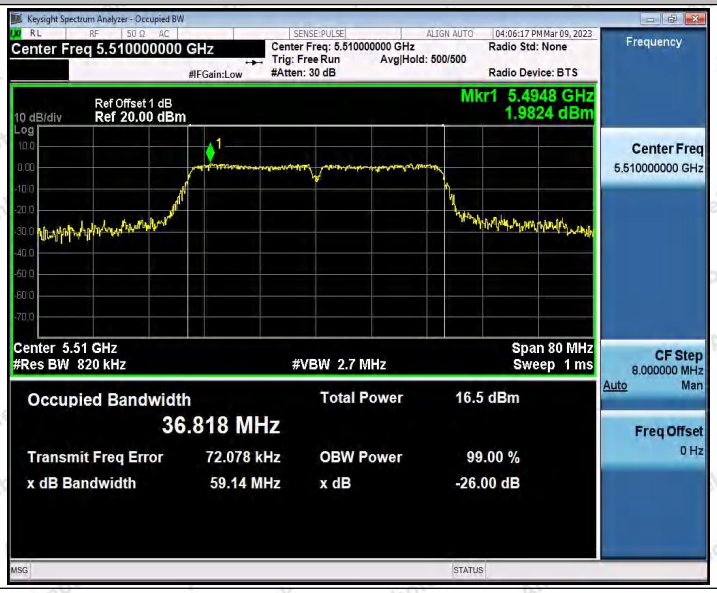

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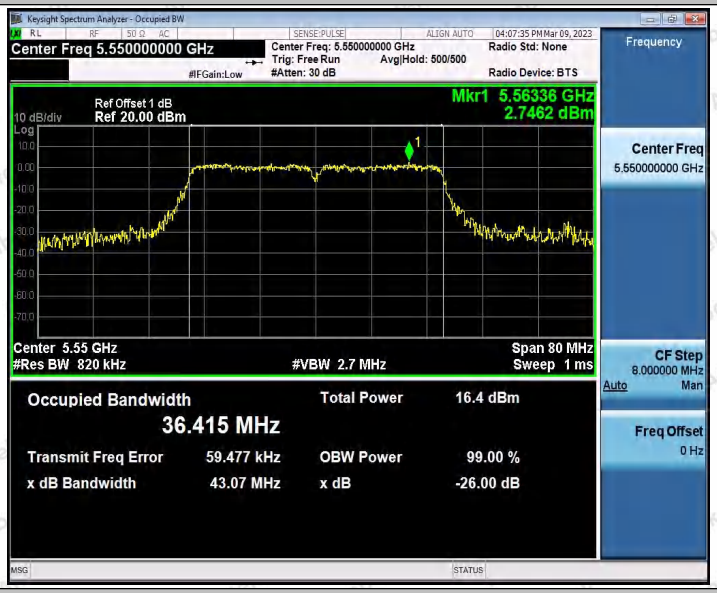

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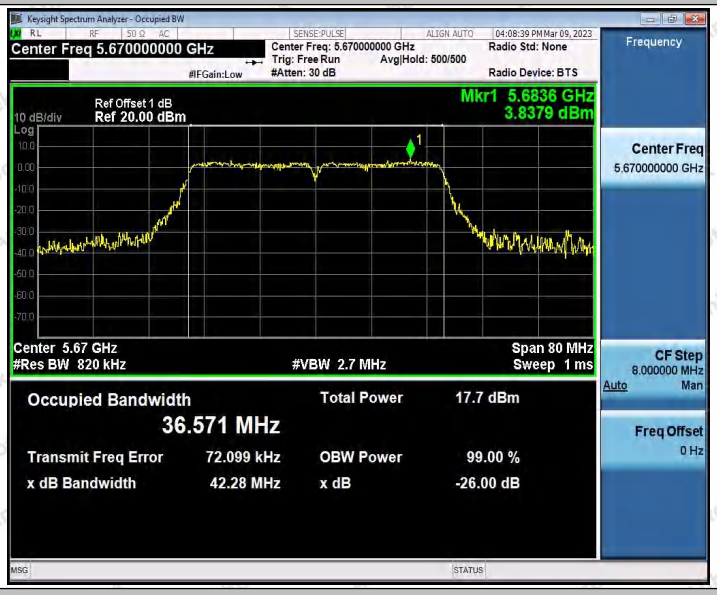

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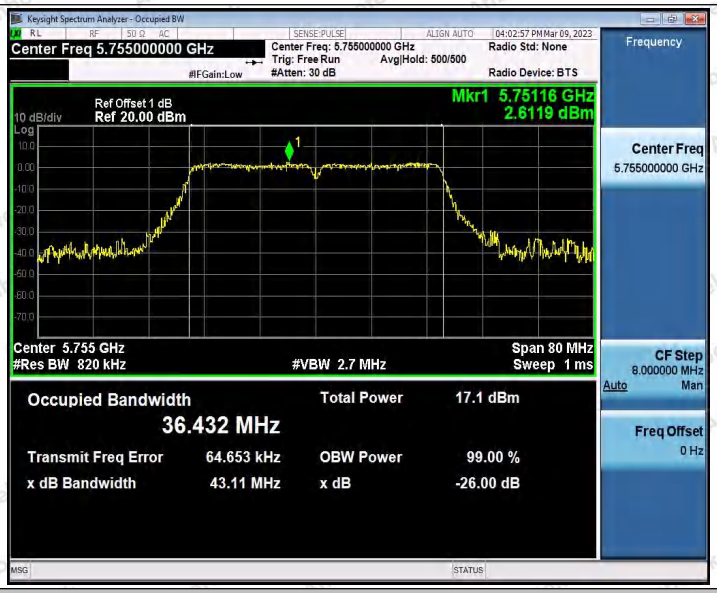
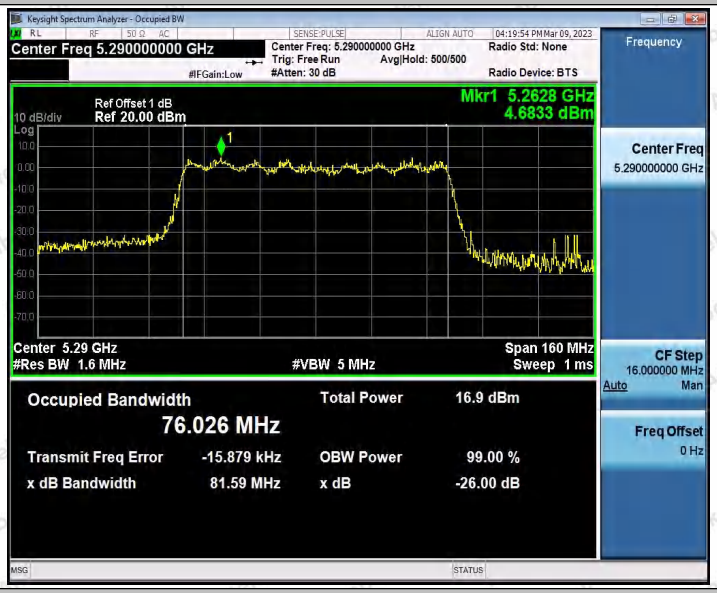


11AC40SISO_Ant1_5795

11AC80SISO_Ant1_5210

11AC80SISO_Ant1_5290



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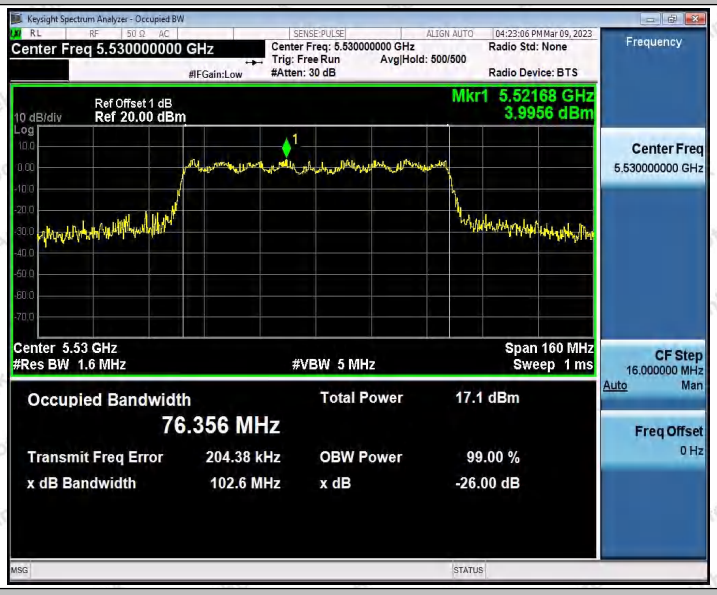


11AC80SISO_Ant1_5775

Keysight Spectrum Analyzer - Occupied BW
Center Freq 5.775000000 GHz
Center Freq: 5.775000000 GHz
Trig: Free Run
Avg|Hold: 500/500
#Atten: 30 dB
Radio Std: None
Radio Device: BTS
Frequency
Ref Offset 1 dB
10 dB/div
Ref 20.00 dBm
Log
Mkr1 5.79292 GHz
4.7480 dBm
Center 5.775 GHz
#Res BW 1.6 MHz
#VBW 5 MHz
Span 160 MHz
Sweep 1 ms
Occupied Bandwidth
76.133 MHz
Total Power 17.4 dBm
Transmit Freq Error 86.890 kHz
OBW Power 99.00 %
x dB Bandwidth 83.18 MHz
x dB -26.00 dB
Center Freq
5.775000000 GHz
CF Step
16.000000 MHz
Auto Man
Freq Offset
0 Hz

Appendix A3: Min emission bandwidth

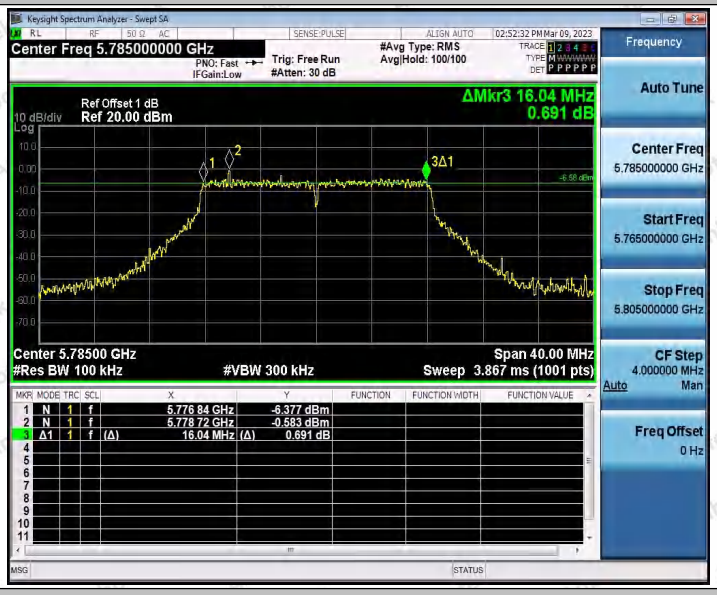
Test Result B4

Test Mode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.520	5736.720	5753.240	0.5	PASS
		5785	16.040	5776.840	5792.880	0.5	PASS
		5825	16.360	5816.800	5833.160	0.5	PASS
11N20SISO	Ant1	5745	17.360	5736.400	5753.760	0.5	PASS
		5785	17.720	5776.120	5793.840	0.5	PASS
		5825	17.280	5816.200	5833.480	0.5	PASS
11N40SISO	Ant1	5755	35.440	5737.480	5772.920	0.5	PASS
		5795	34.880	5777.160	5812.040	0.5	PASS
11AC20SISO	Ant1	5745	17.680	5736.160	5753.840	0.5	PASS
		5785	16.840	5776.560	5793.400	0.5	PASS
		5825	16.960	5816.440	5833.400	0.5	PASS
11AC40SISO	Ant1	5755	36.320	5736.840	5773.160	0.5	PASS
		5795	35.680	5777.160	5812.840	0.5	PASS
11AC80SISO	Ant1	5775	72.960	5738.360	5811.320	0.5	PASS

Test Graphs B4

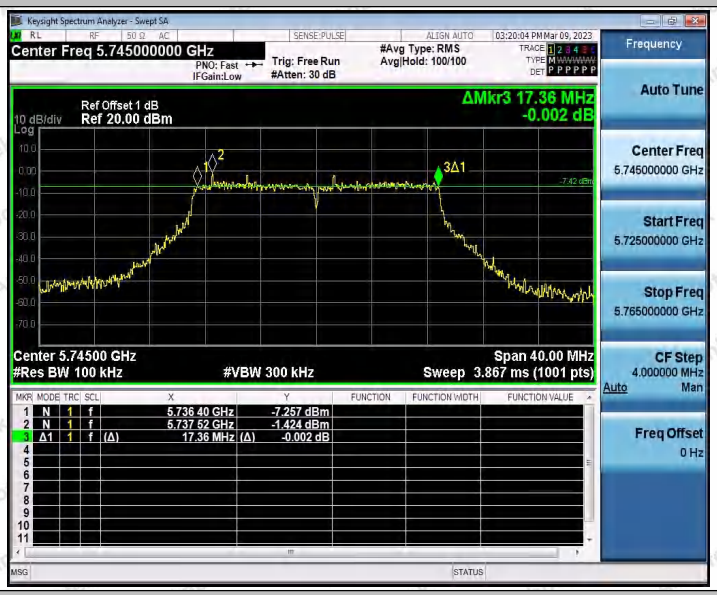
11A_Ant1_5745

11A_Ant1_5785



11A_Ant1_5825

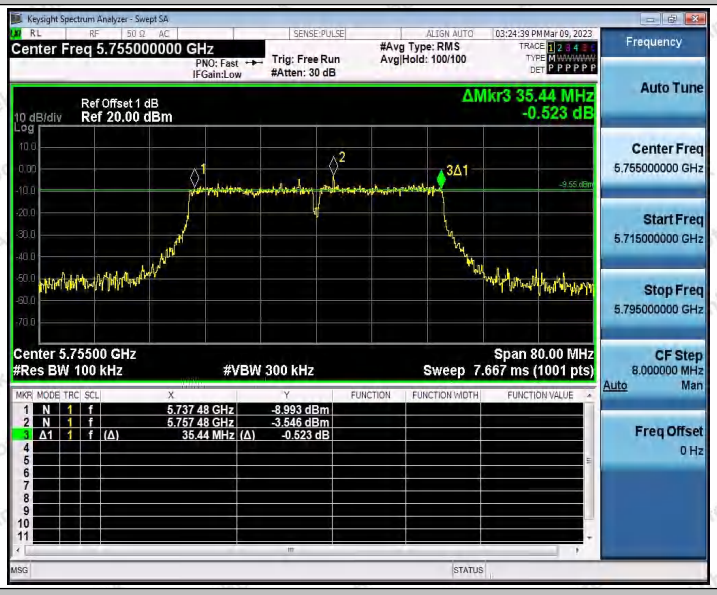
11N20SISO_Ant1_5745



11N20SISO_Ant1_5785

11N20SISO_Ant1_5825

11N40SISO_Ant1_5755



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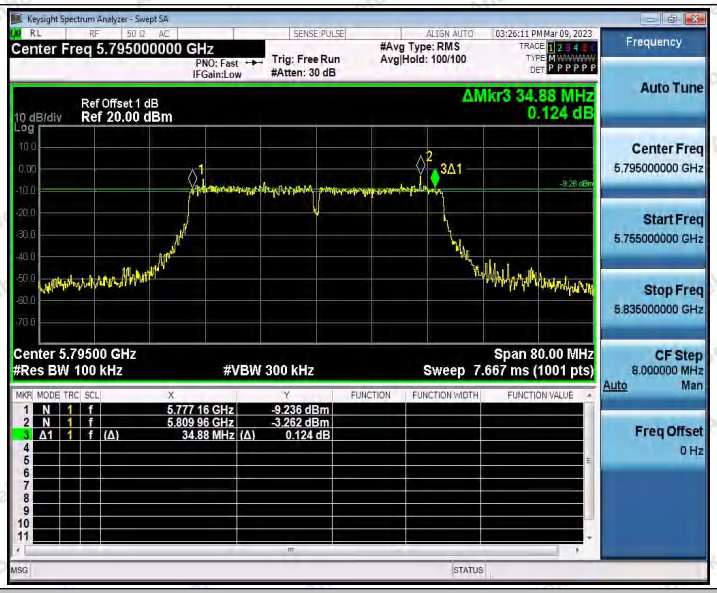

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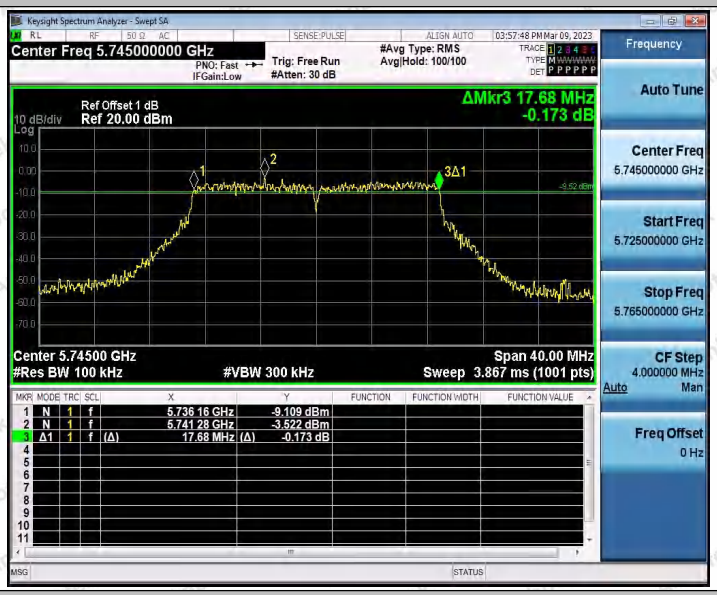

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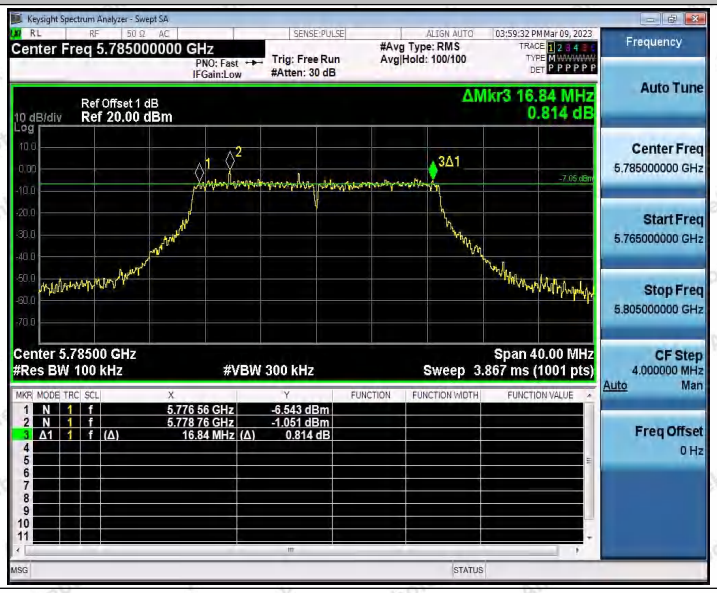

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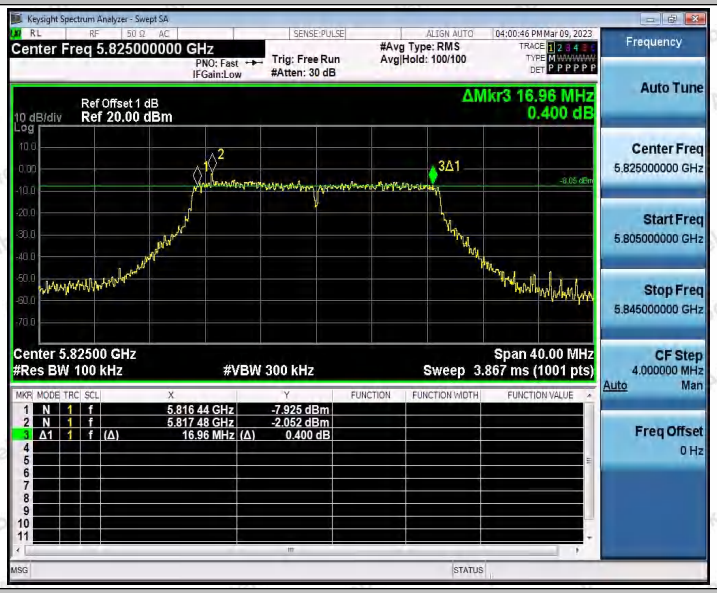

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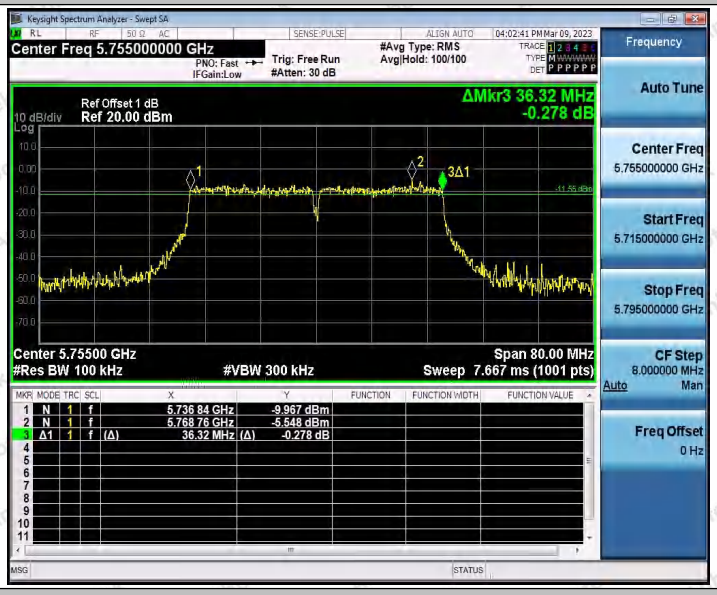
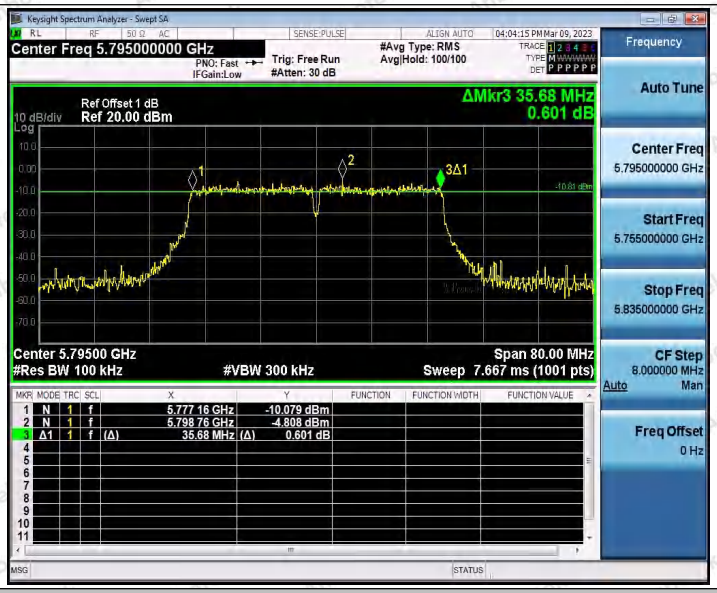
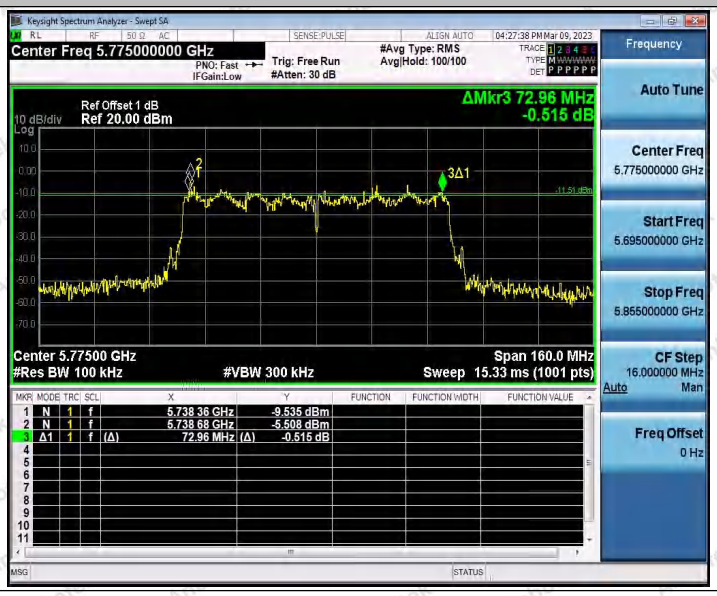


11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775



Appendix B: Duty Cycle

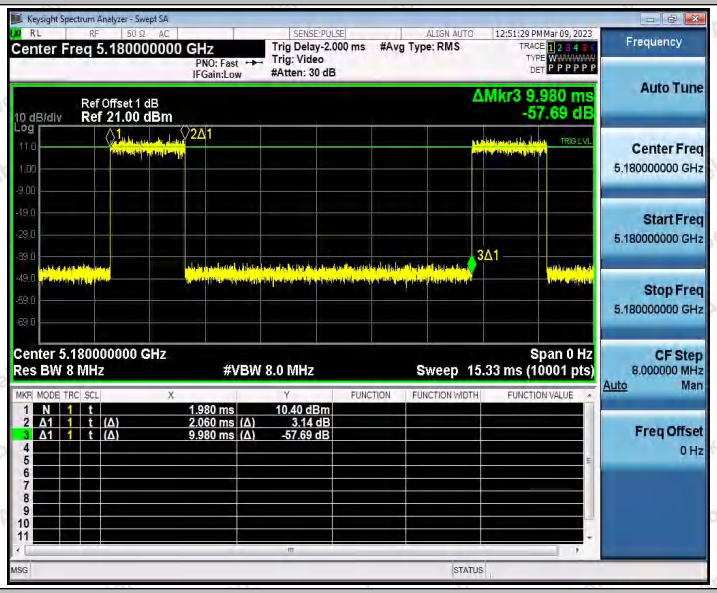
Test Result

Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5180	2.06	9.98	20.64
		5200	2.06	9.98	20.64
		5240	2.07	9.99	20.72
		5260	2.07	9.99	20.72
		5280	2.06	9.98	20.64
		5320	2.06	9.98	20.64
		5500	2.06	10.01	20.58
		5580	2.07	10.02	20.66
		5700	2.06	9.98	20.64
		5745	2.06	9.65	21.35
		5785	2.06	9.56	21.55
		5825	2.06	9.98	20.64
11N20SISO	Ant1	5180	1.92	9.99	19.22
		5200	1.92	10.02	19.16
		5240	1.92	9.98	19.24
		5260	1.92	9.98	19.24
		5280	1.92	10.05	19.10
		5320	1.92	10.04	19.12
		5500	1.92	9.98	19.24
		5580	1.92	10.02	19.16
		5700	1.92	9.98	19.24
		5745	1.92	10.02	19.16
		5785	1.92	10.01	19.18
		5825	1.92	9.99	19.22
11N40SISO	Ant1	5190	0.94	10.02	9.38
		5230	0.94	10.02	9.38
		5270	0.95	10.02	9.48
		5310	0.95	9.99	9.51
		5510	0.94	9.99	9.41
		5550	0.94	9.99	9.41
		5670	0.95	9.99	9.51
		5755	0.95	9.99	9.51
		5795	0.94	9.99	9.41
11AC20SISO	Ant1	5180	1.93	10.01	19.28
		5200	1.94	9.99	19.42
		5240	1.93	10.01	19.28
		5260	1.93	9.98	19.34

		5280	1.93	10.02	19.26
		5320	1.94	10.02	19.36
		5500	1.93	10.01	19.28
		5580	1.94	10.02	19.36
		5700	1.94	10.02	19.36
		5745	1.94	10.02	19.36
		5785	1.93	10.02	19.26
		5825	1.93	9.98	19.34
11AC40SISO	Ant1	5190	0.95	10.01	9.49
		5230	0.96	10.02	9.58
		5270	0.96	9.99	9.61
		5310	0.96	10.02	9.58
		5510	0.95	9.98	9.52
		5550	0.96	9.99	9.61
		5670	0.95	9.98	9.52
		5755	0.96	9.99	9.61
		5795	0.96	10.02	9.58
11AC80SISO	Ant1	5210	0.46	10.02	4.59
		5290	0.46	10.02	4.59
		5530	0.46	9.98	4.61
		5775	0.46	9.98	4.61

Test Graphs

11A_Ant1_5180



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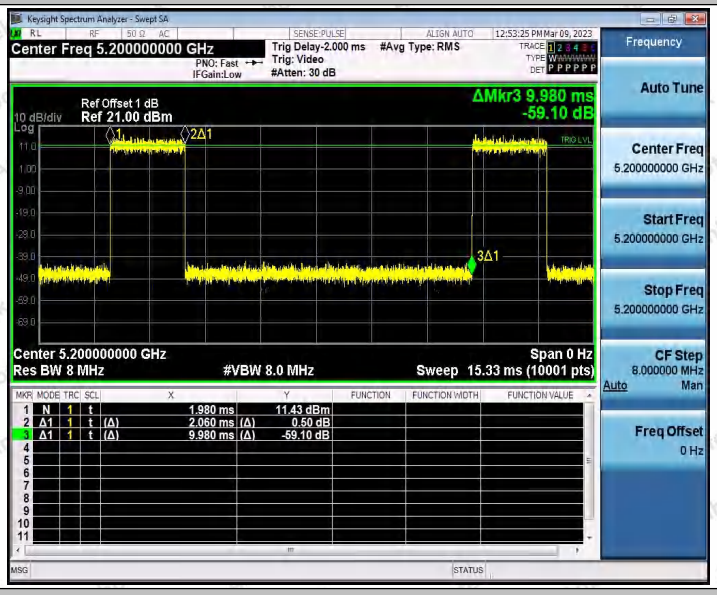

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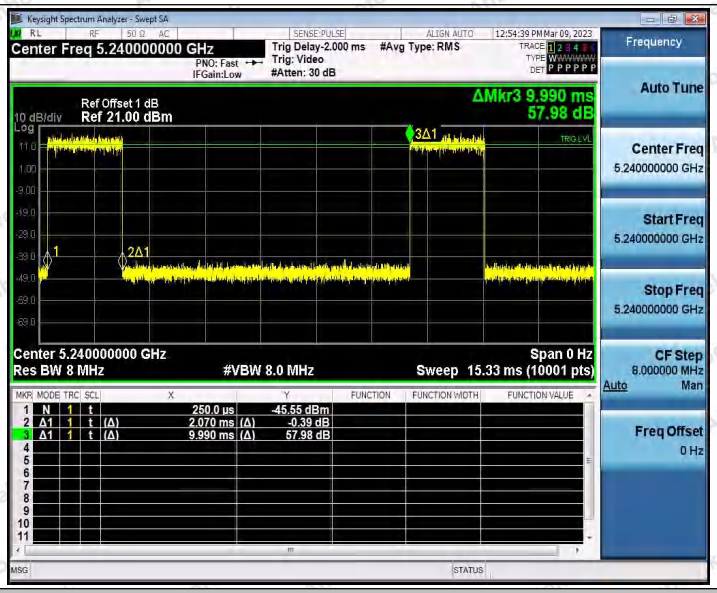

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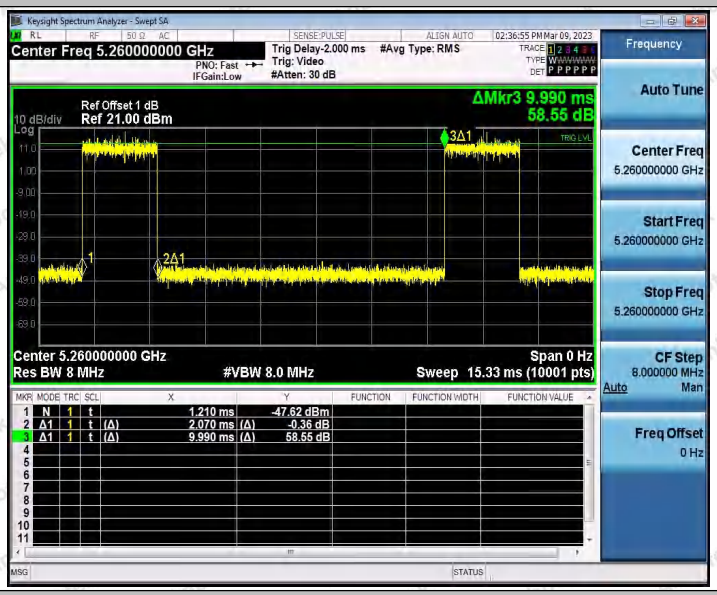

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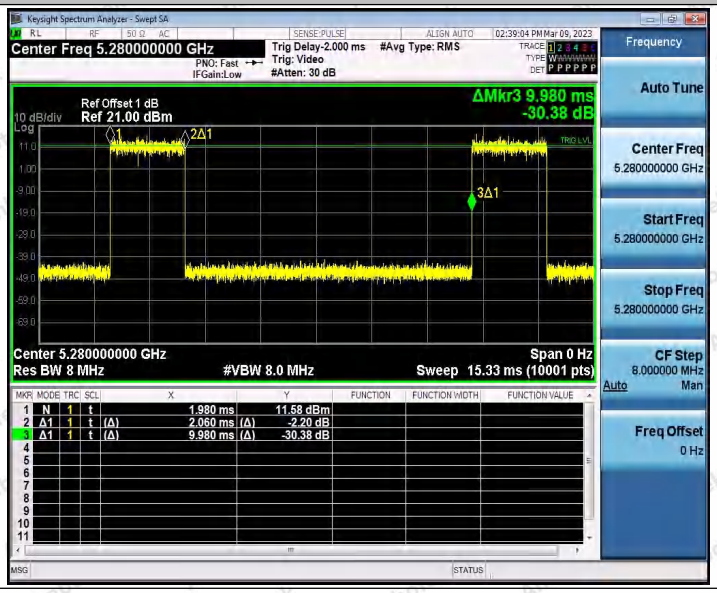

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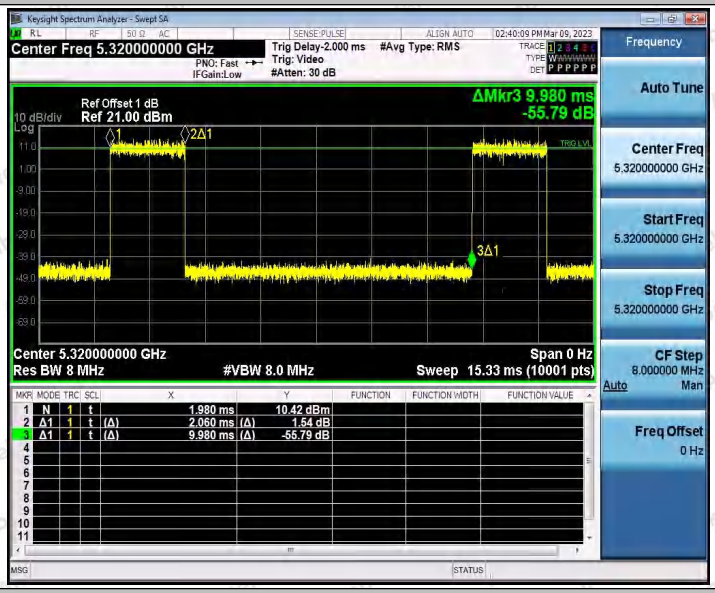

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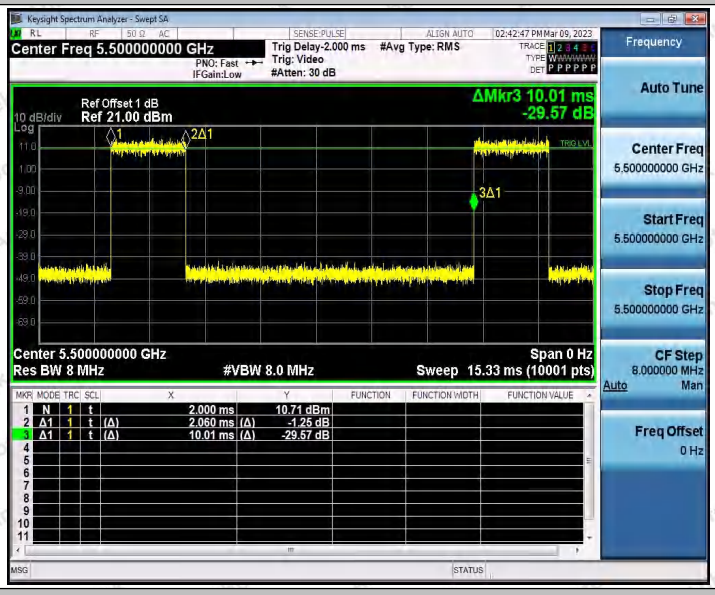

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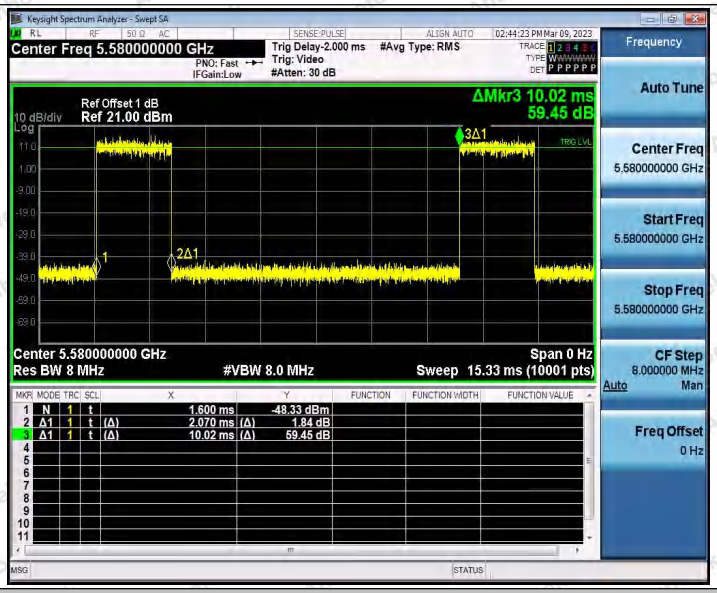

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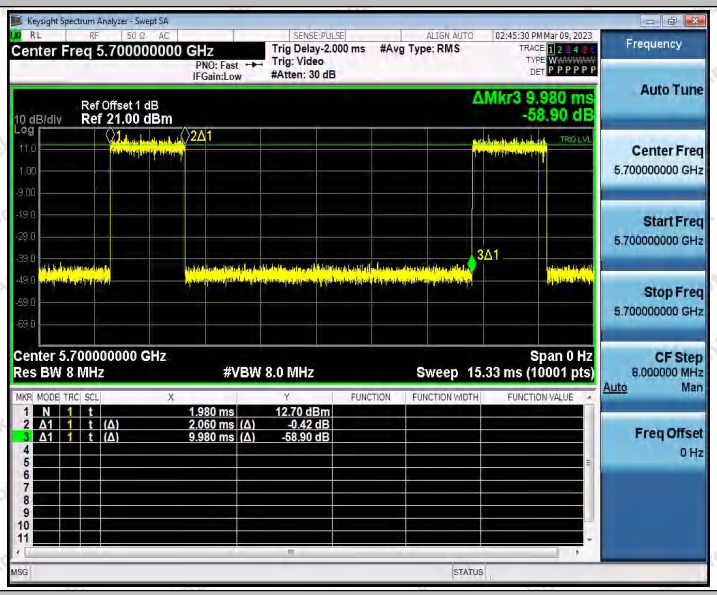

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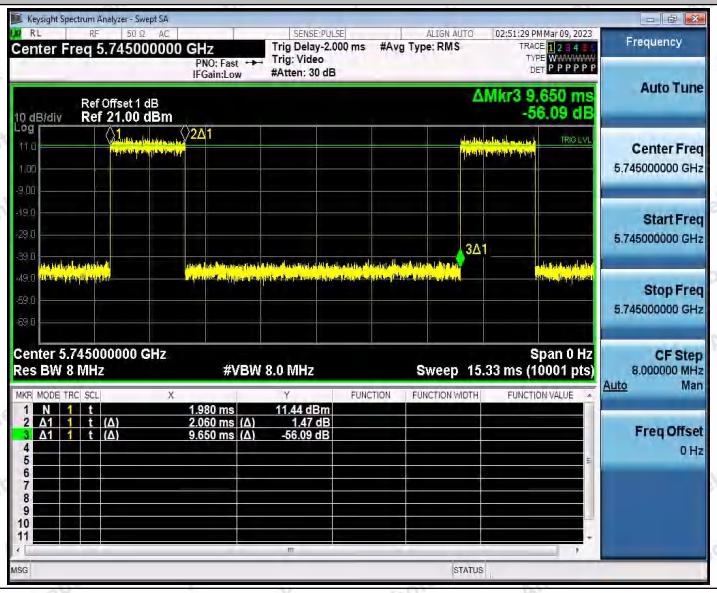

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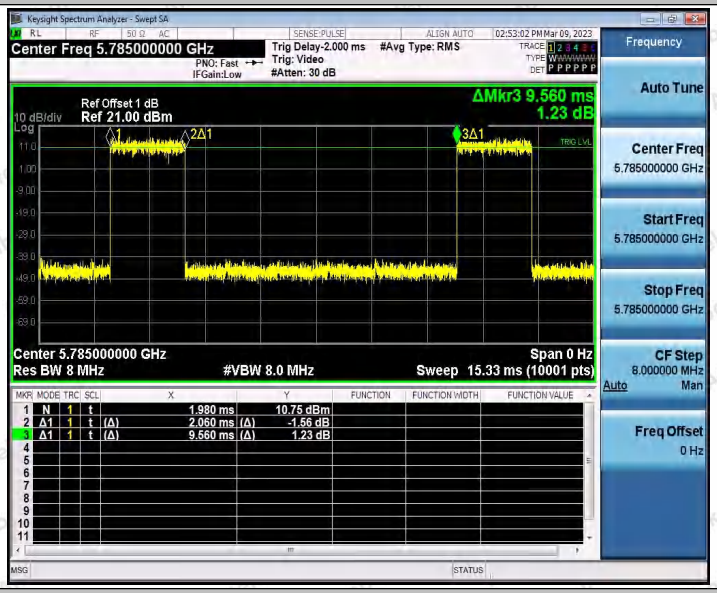

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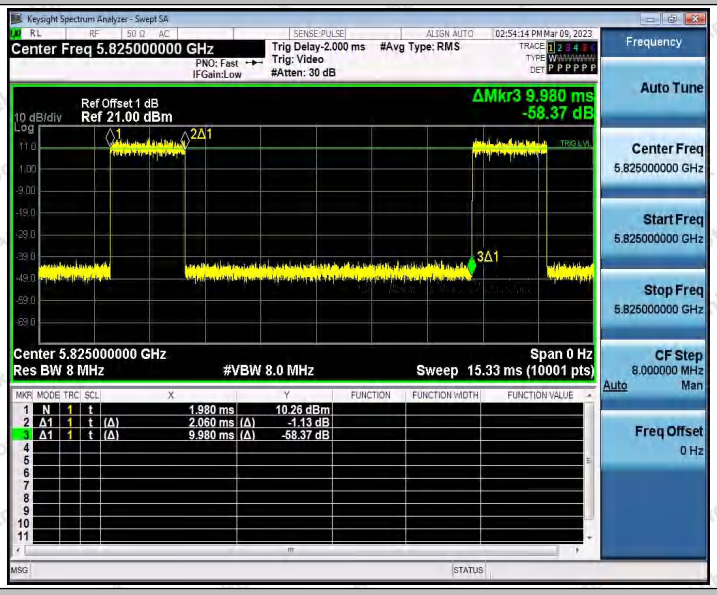

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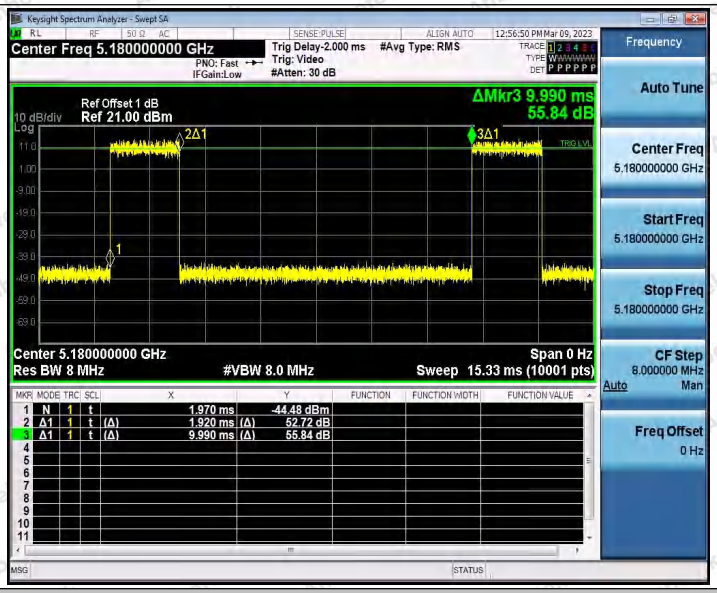

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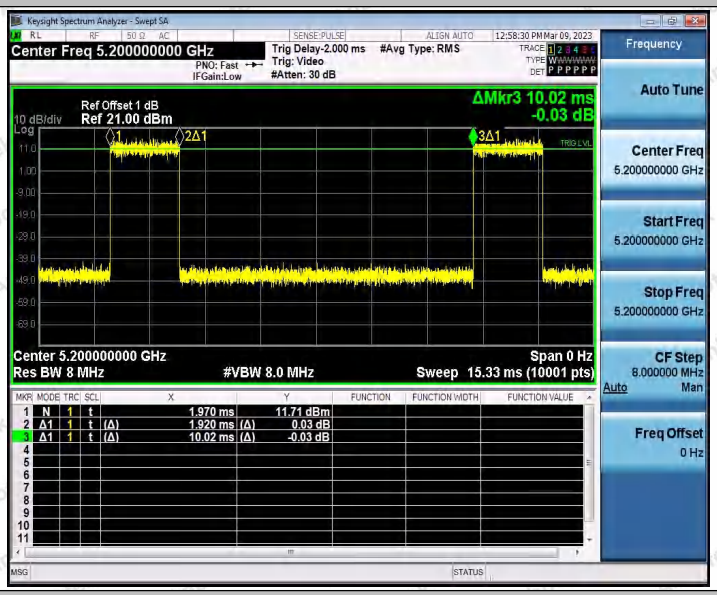

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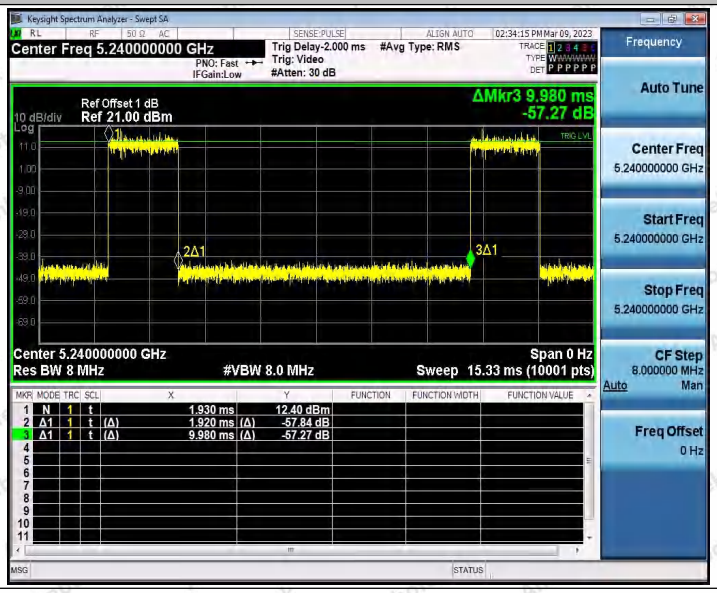

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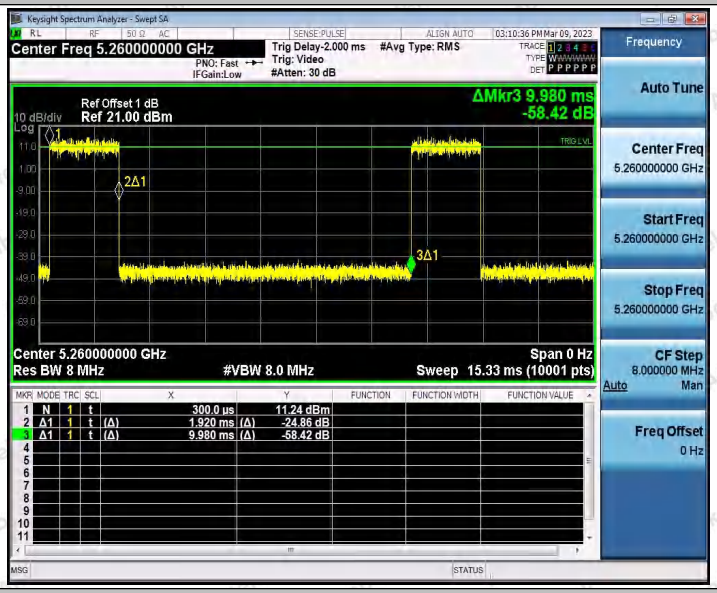

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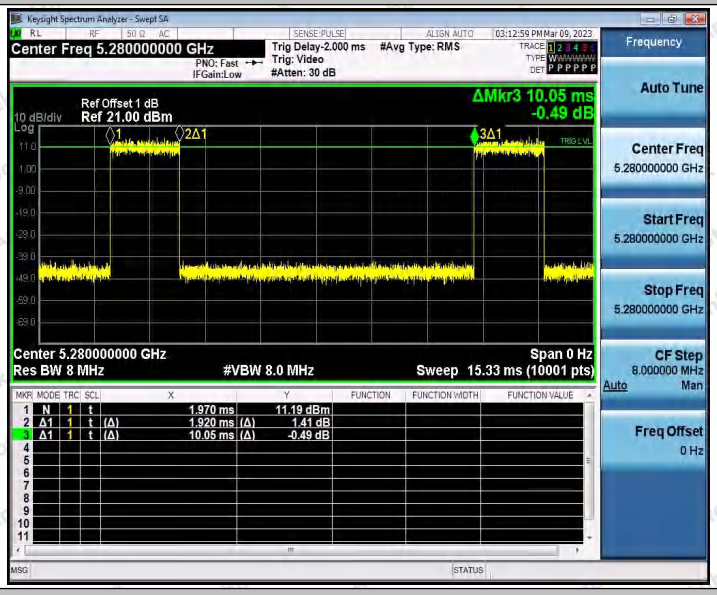

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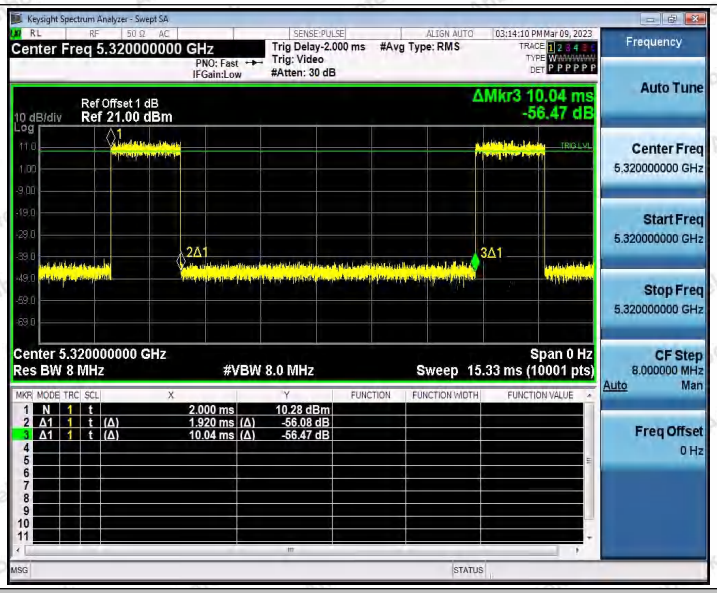

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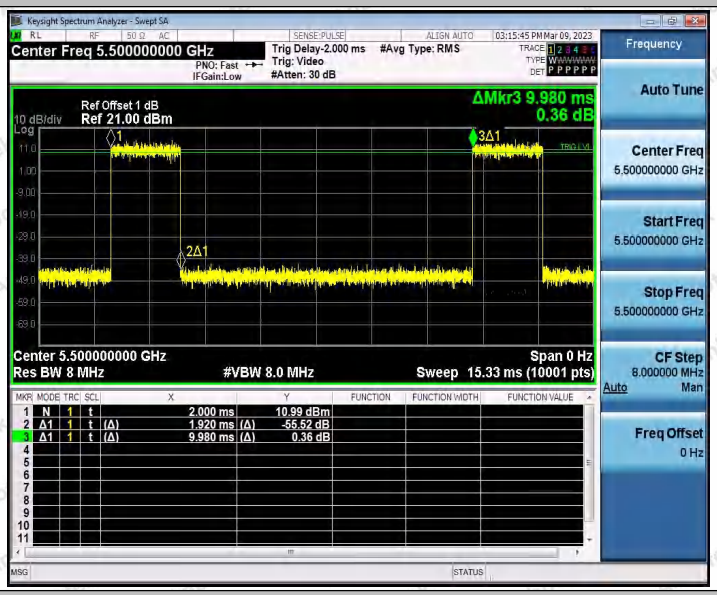

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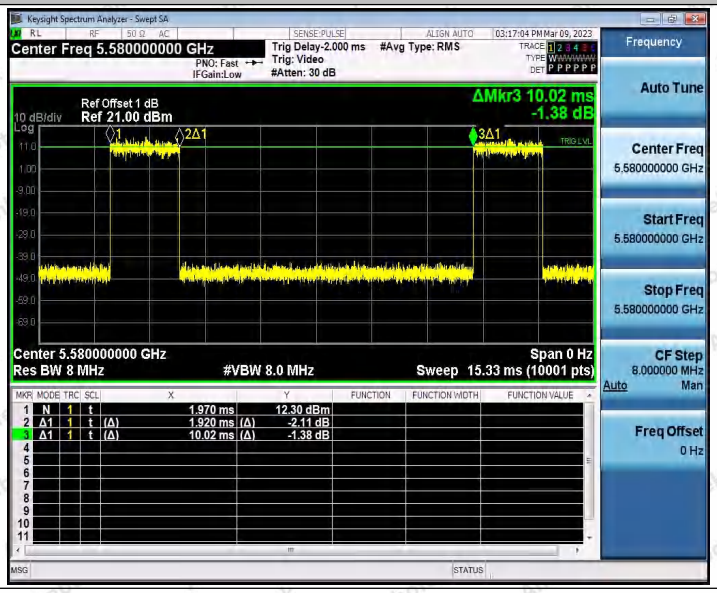

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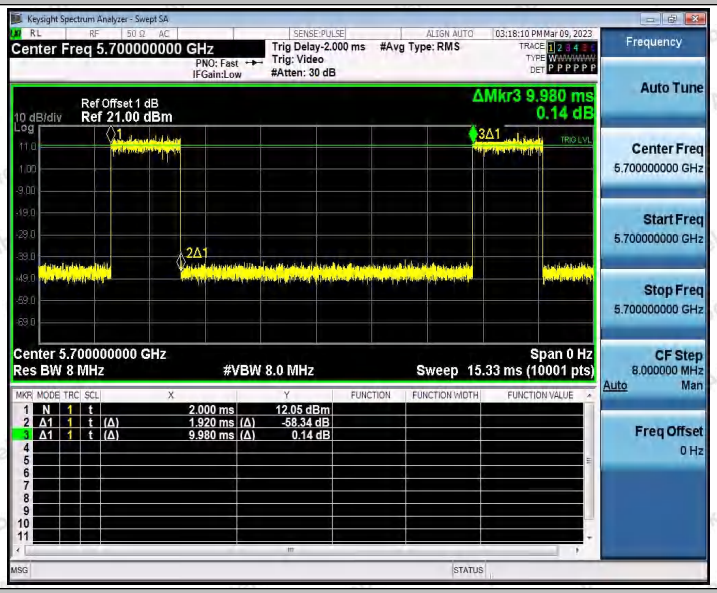

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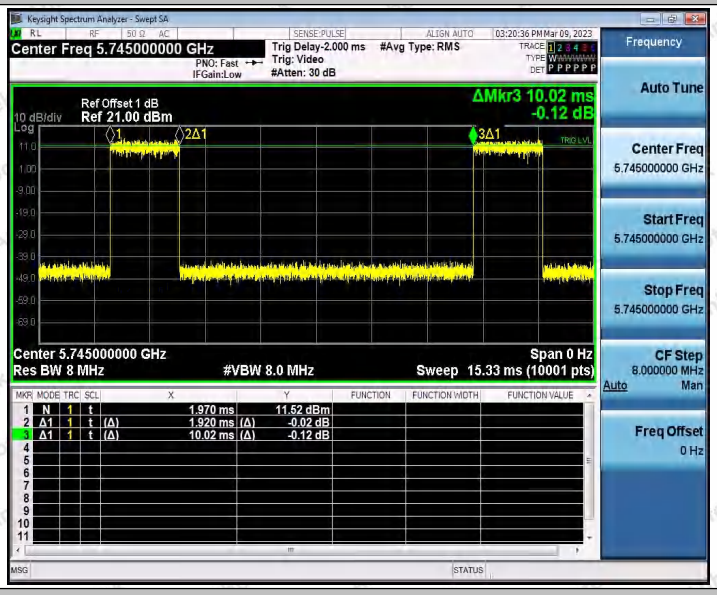

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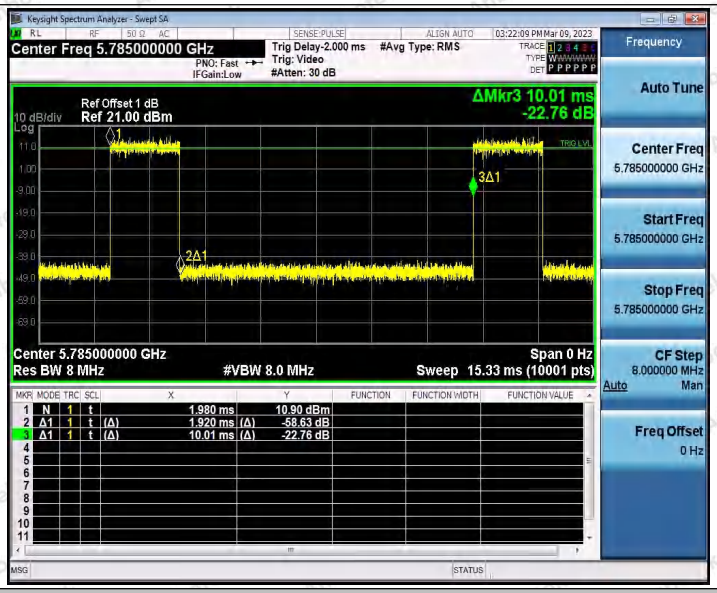
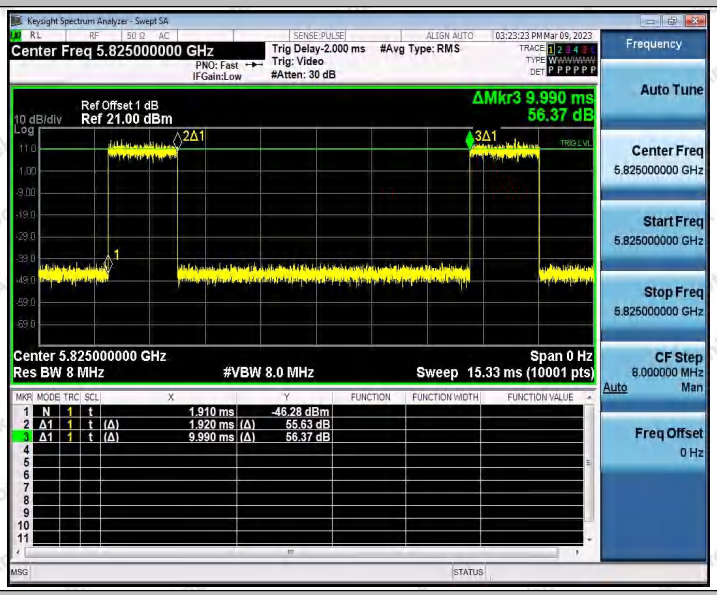


11N20SISO_Ant1_5825



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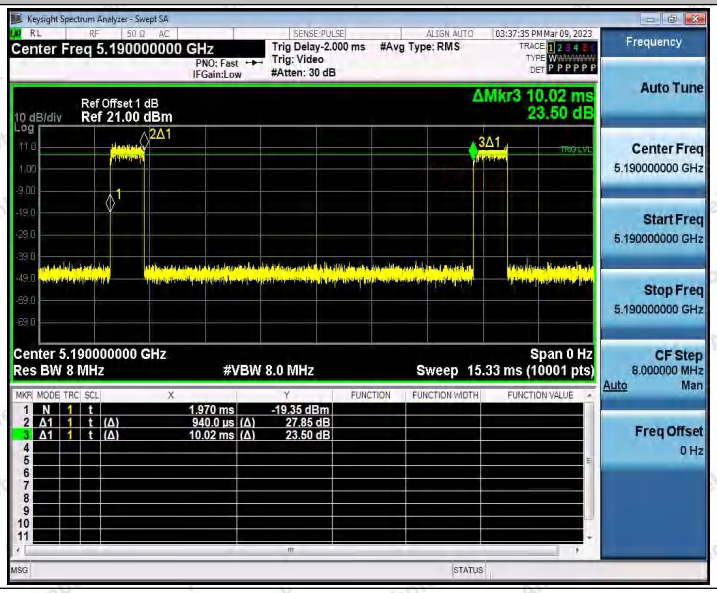

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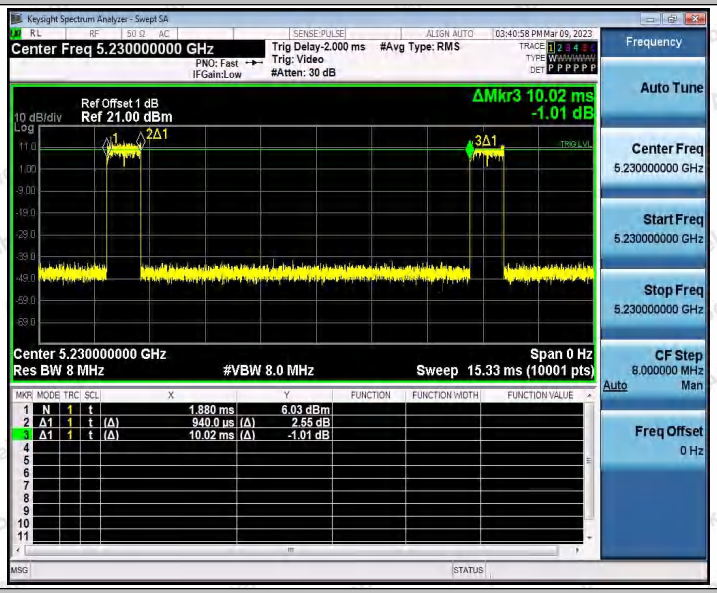

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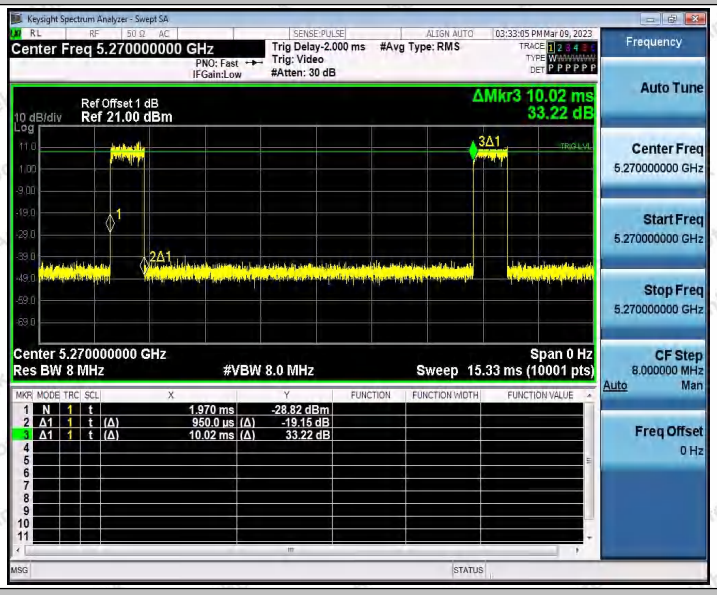

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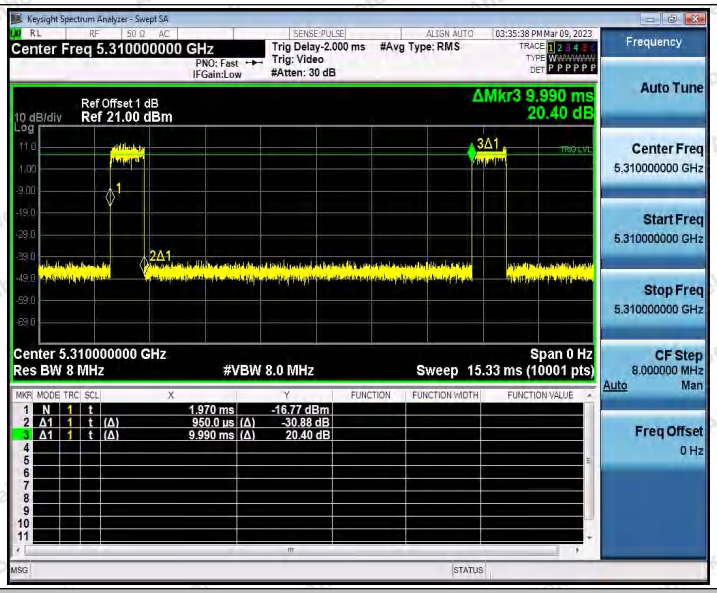

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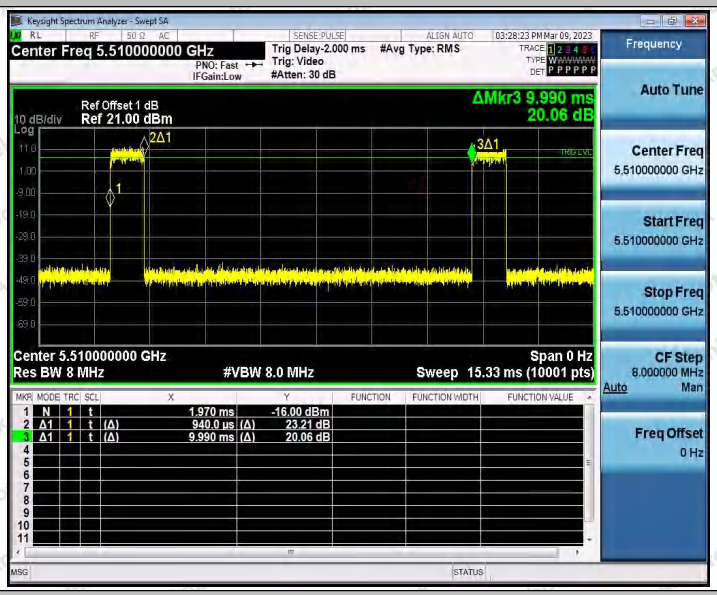

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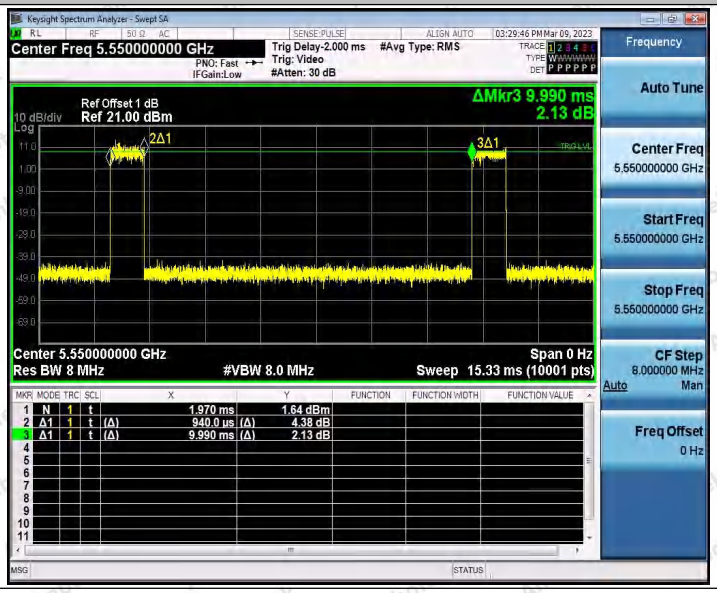

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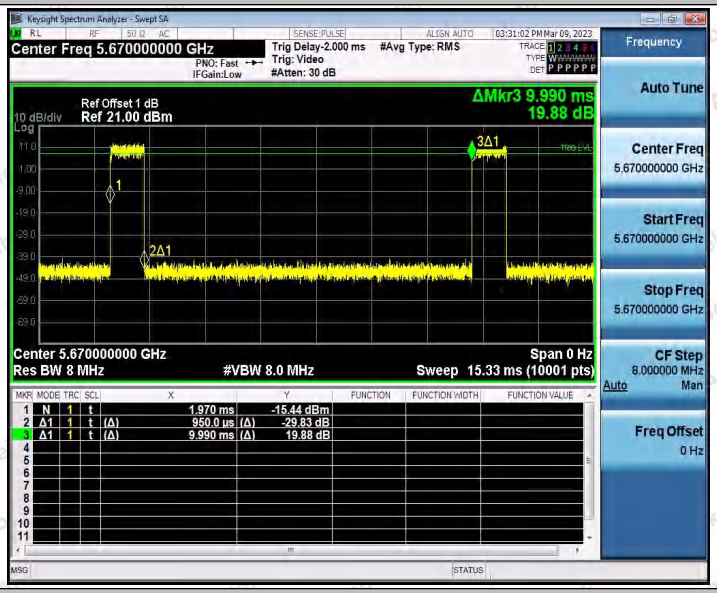

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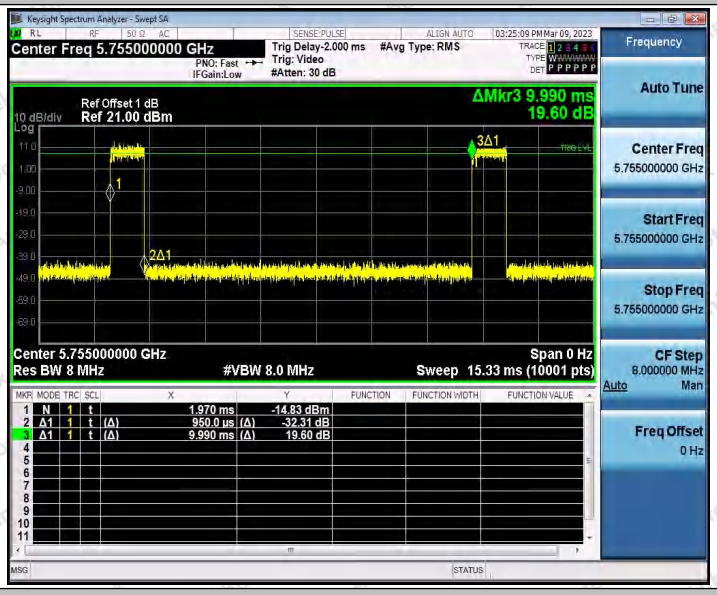

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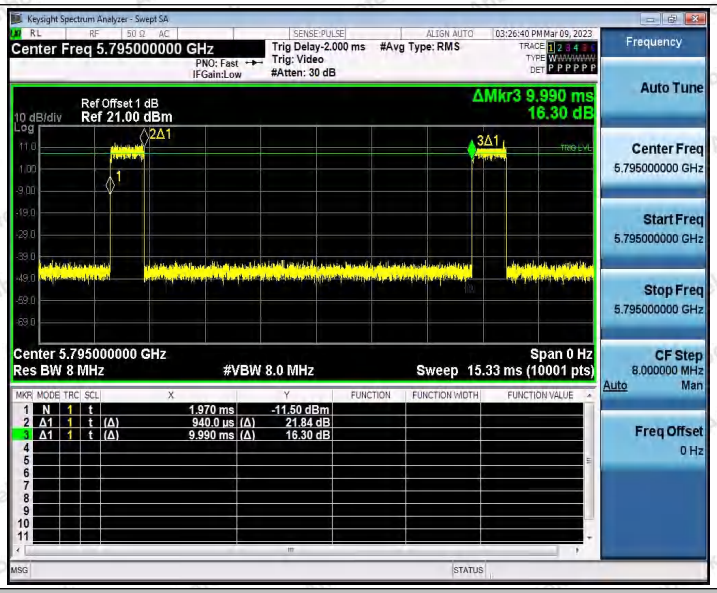

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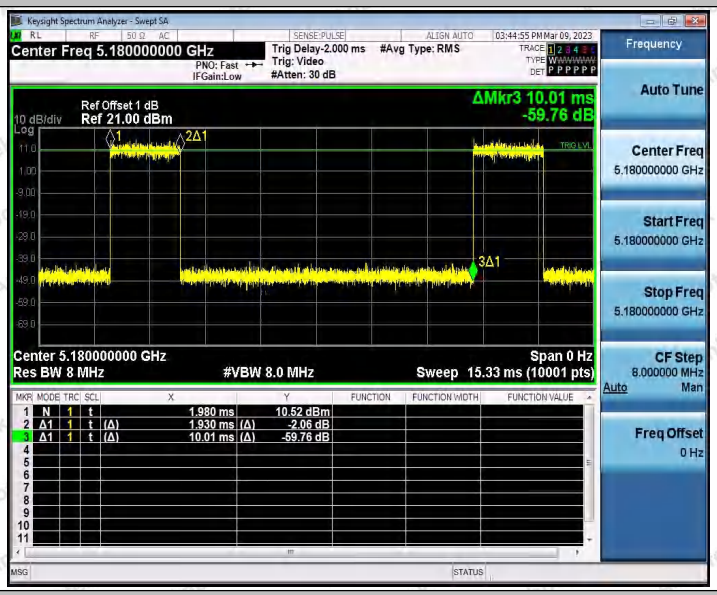

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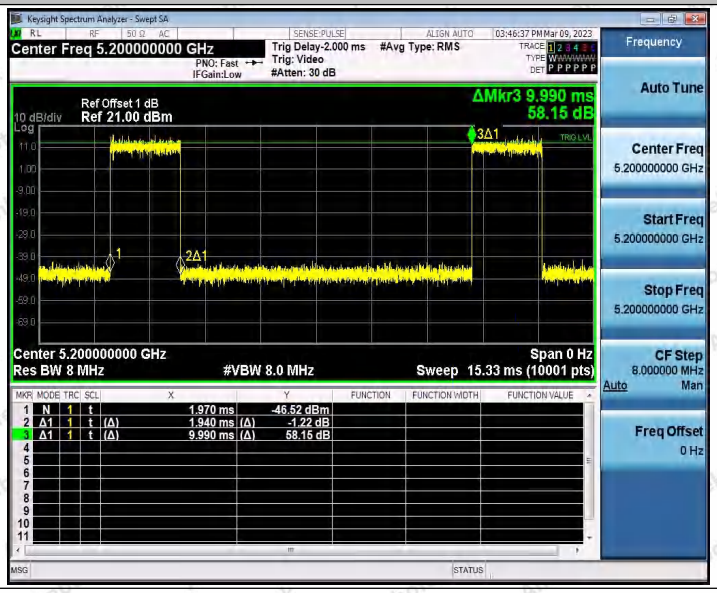

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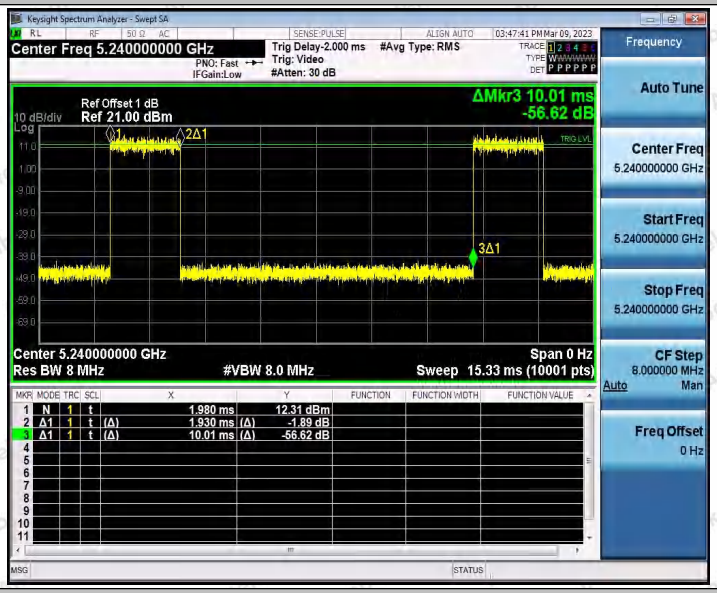

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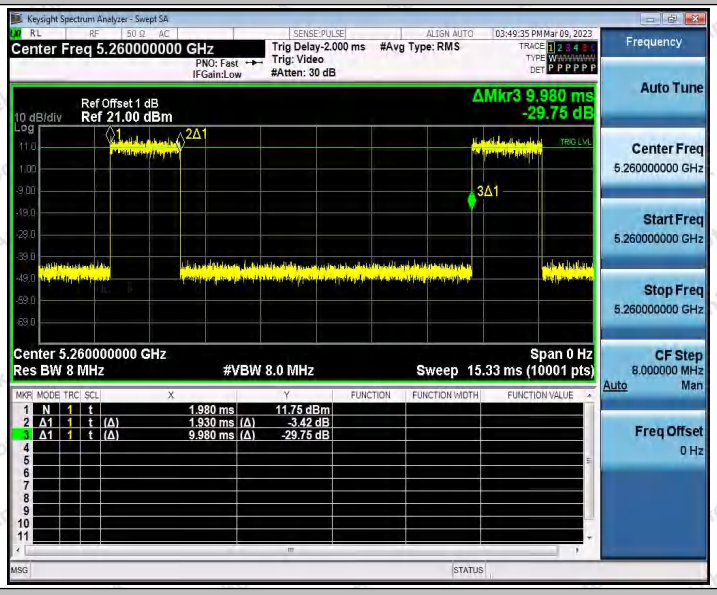

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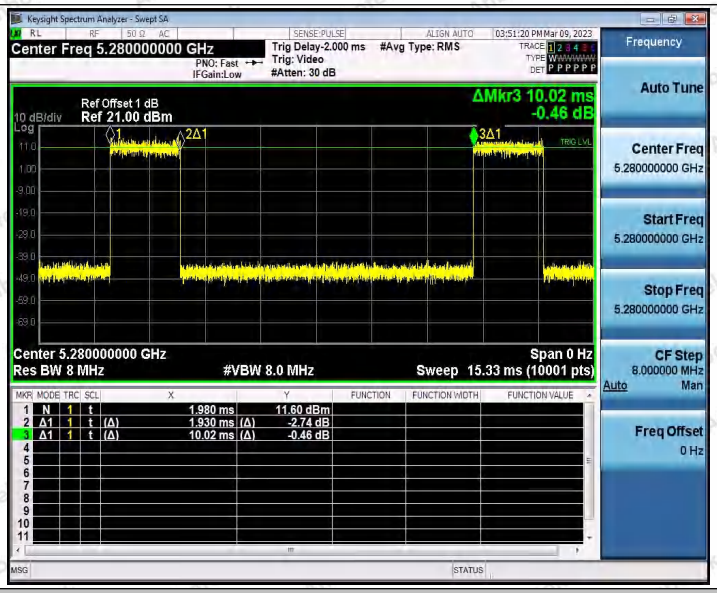

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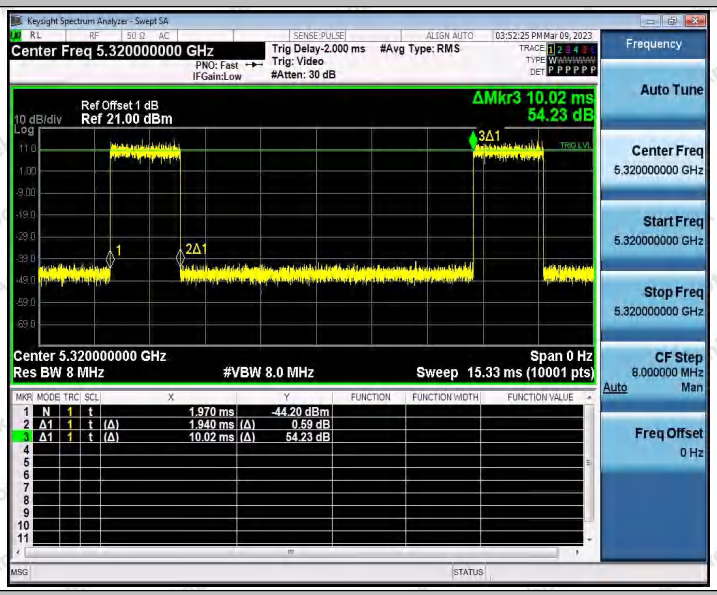

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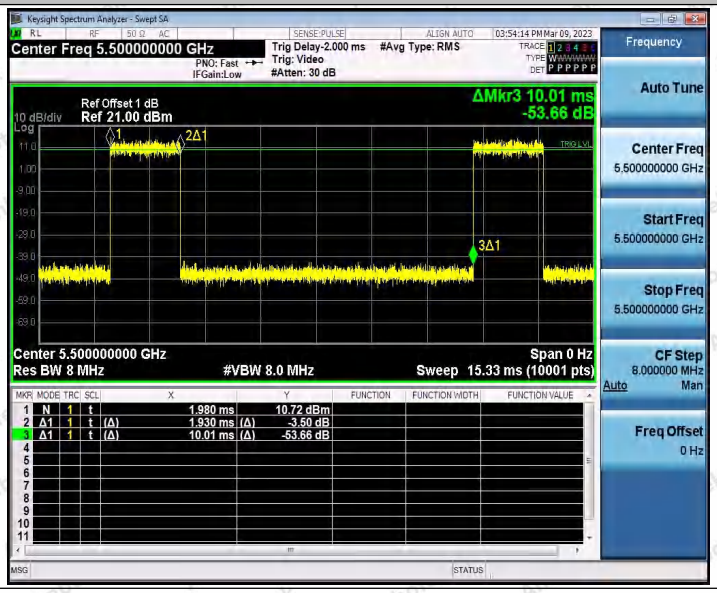

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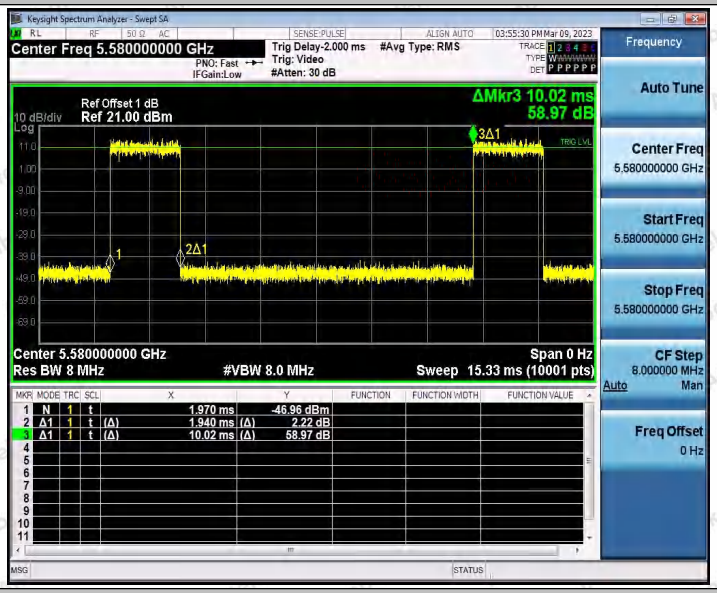

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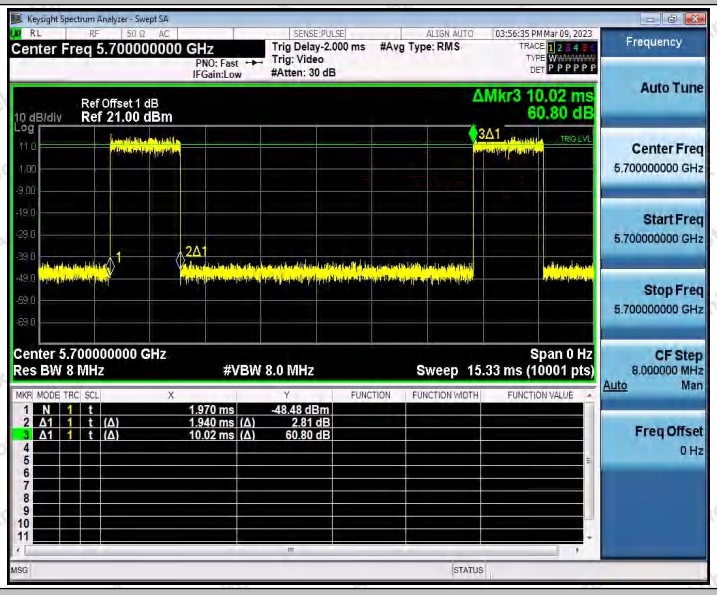

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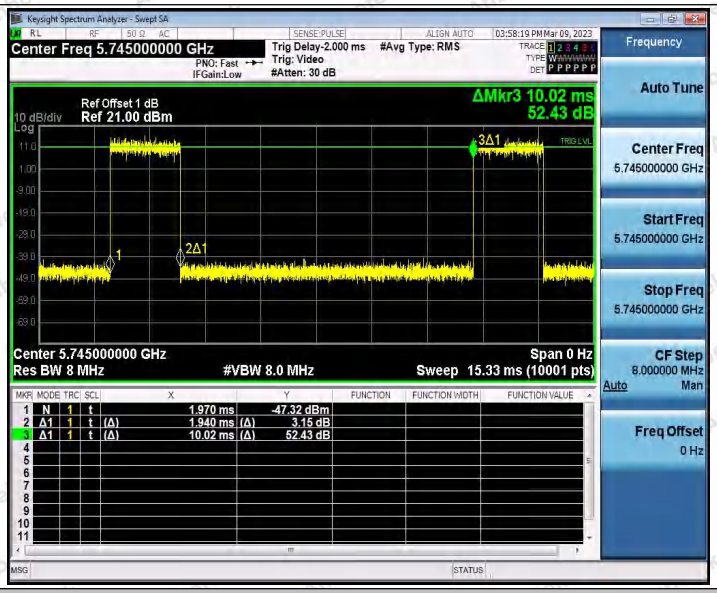

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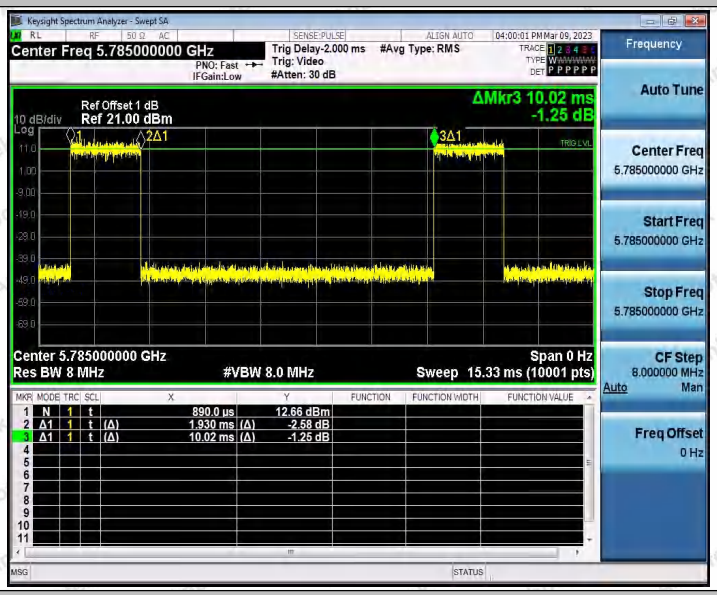

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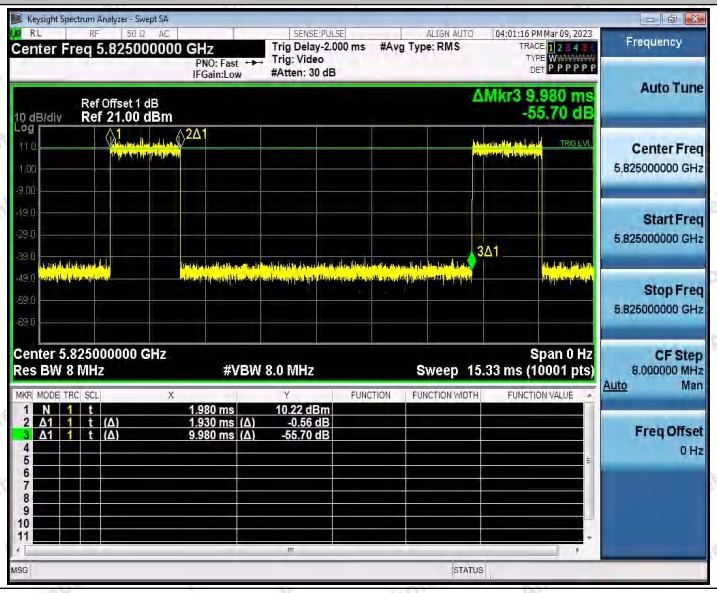

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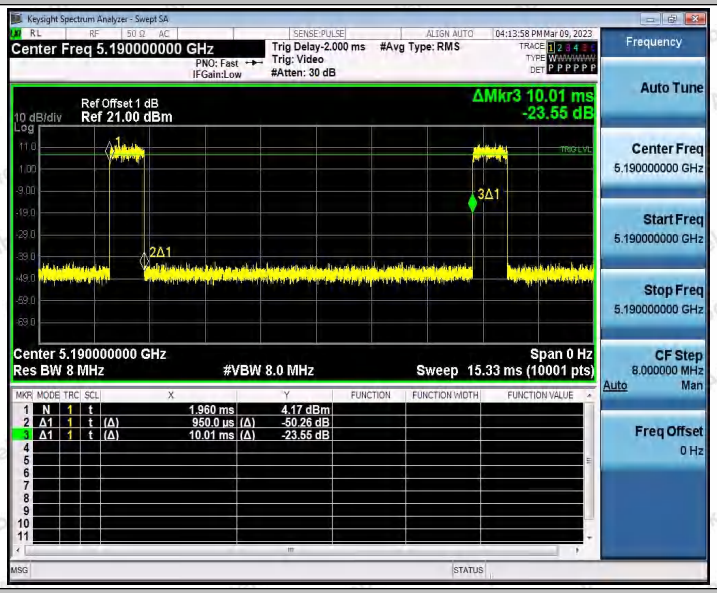

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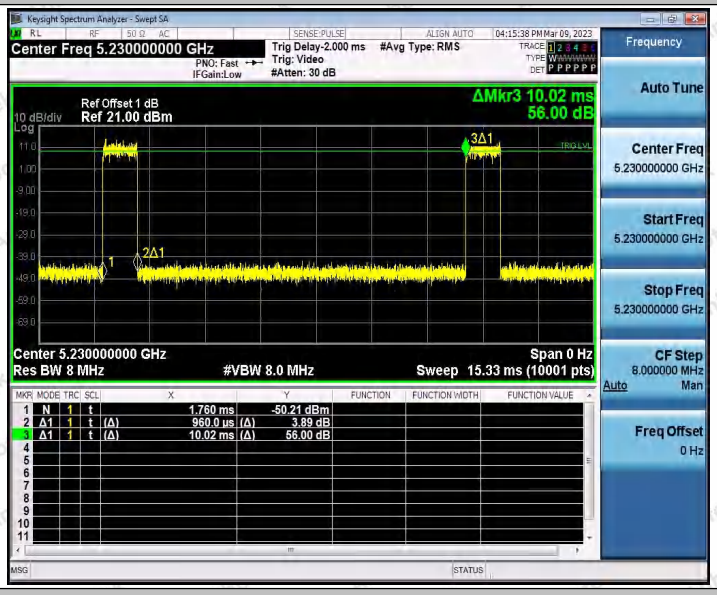

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