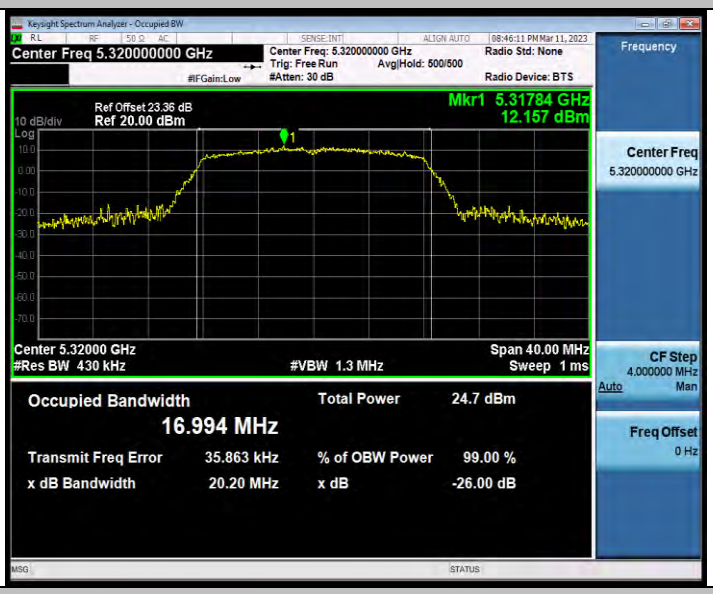
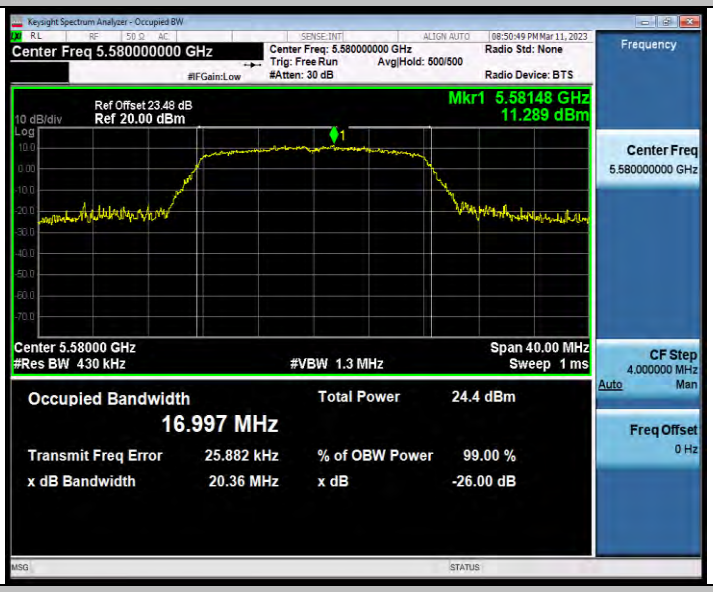
11A_Ant1_5320



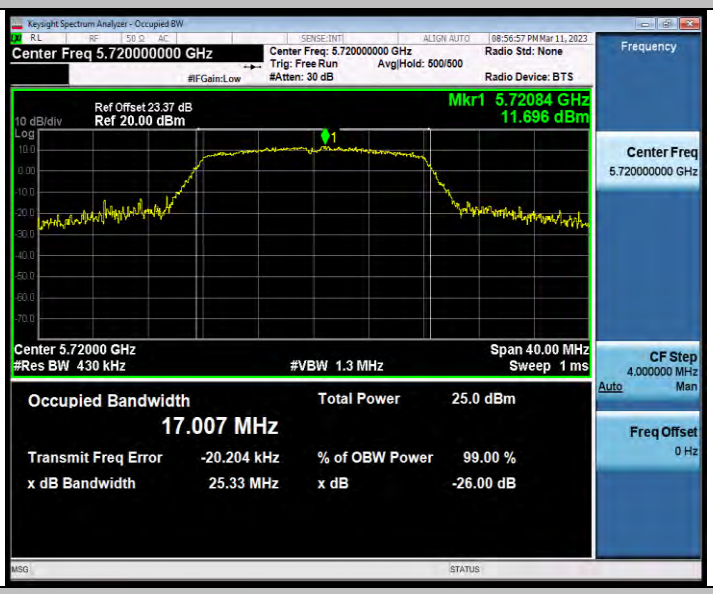
11A_Ant1_5500

11A_Ant1_5580



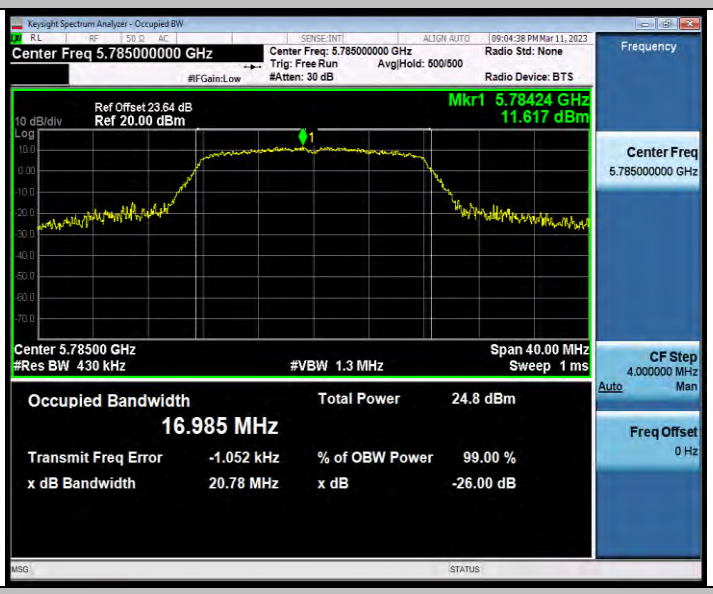
11A_Ant1_5700

11A_Ant1_5720



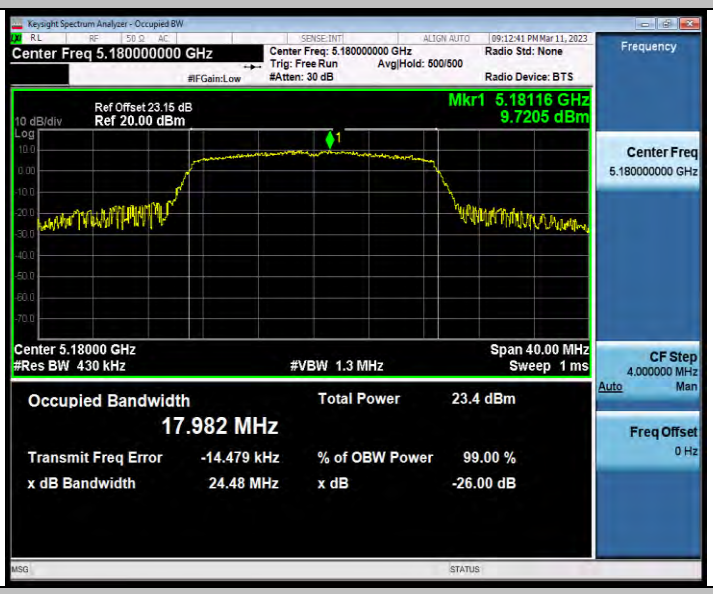
11A_Ant1_5745

11A_Ant1_5785



11A_Ant1_5825

11N20SISO_Ant1_5180



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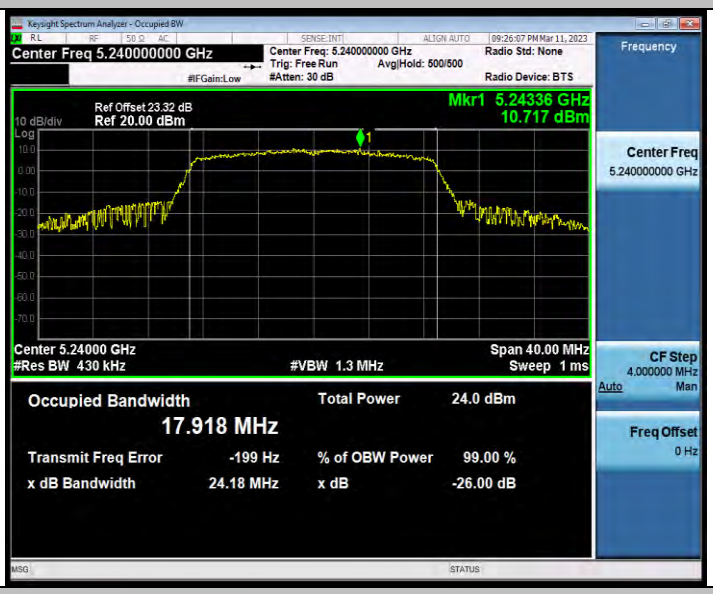
11N20SISO_Ant1_5240



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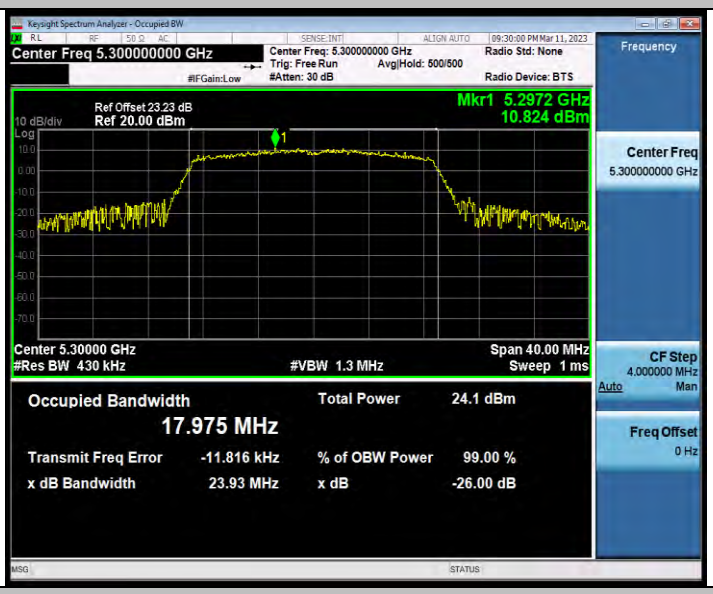
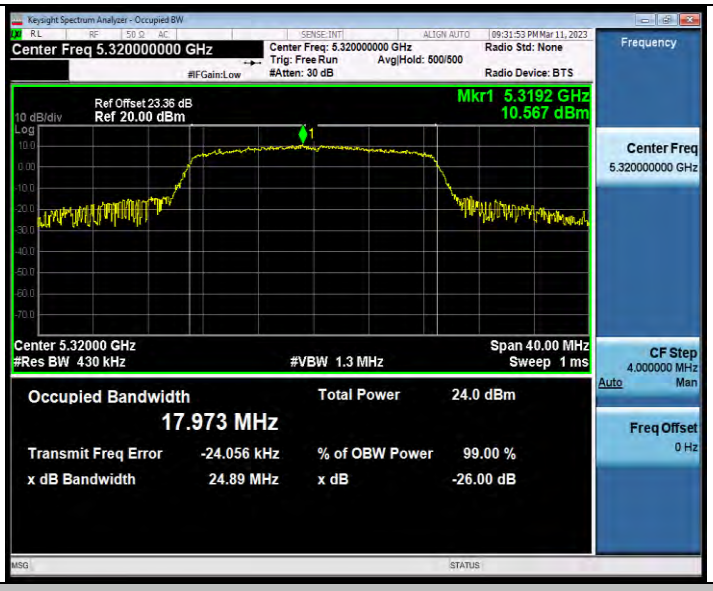
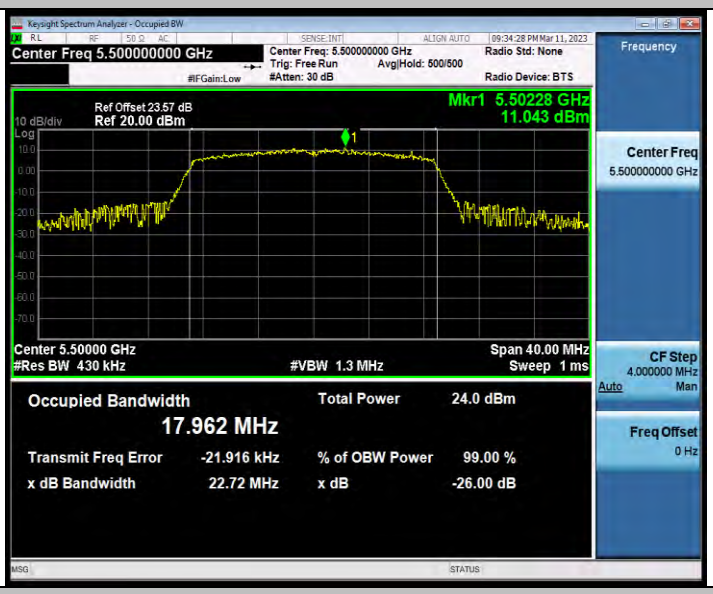
11N20SISO_Ant1_5300



11N20SISO_Ant1_5320



11N20SISO_Ant1_5500



11N20SISO_Ant1_5580

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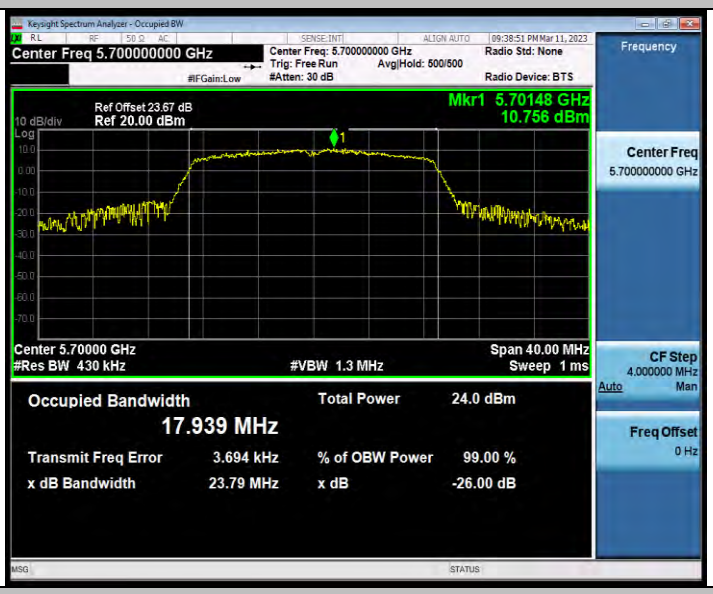
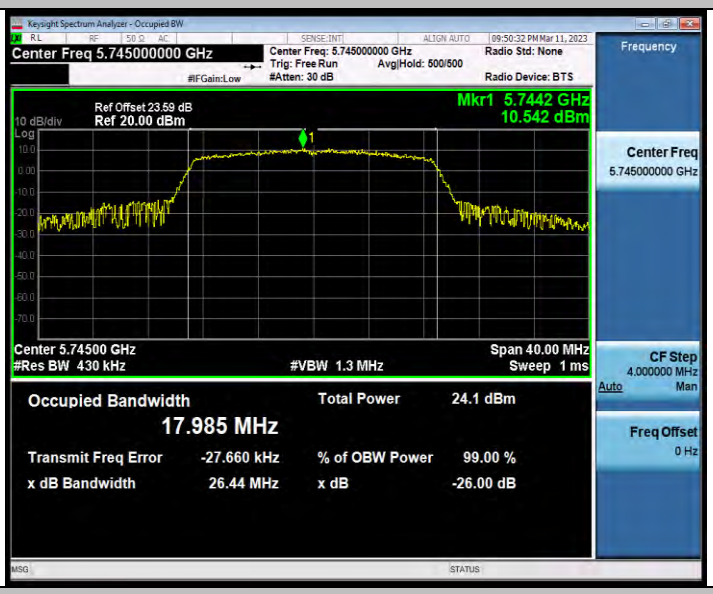


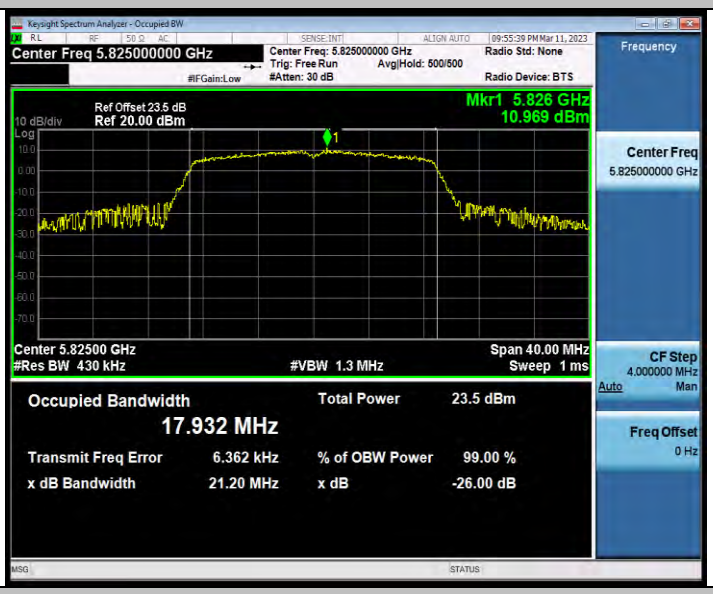
11N20SISO_Ant1_5720

11N20SISO_Ant1_5745



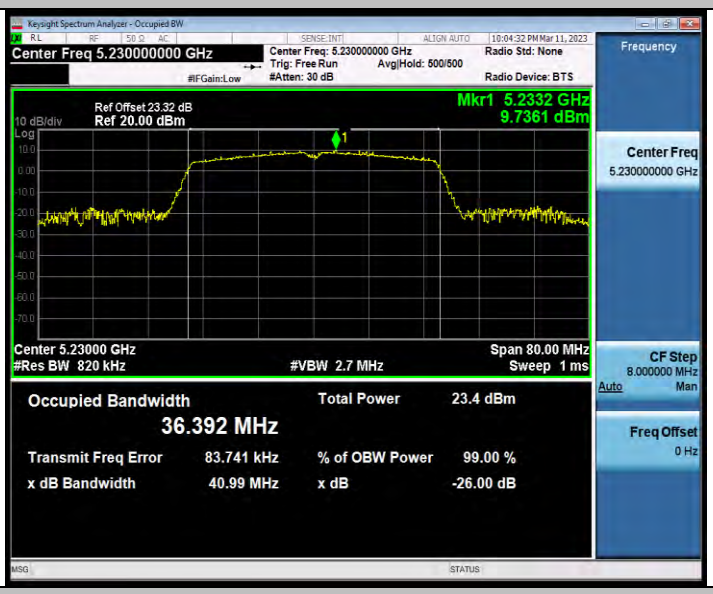
11N20SISO_Ant1_5785

11N20SISO_Ant1_5825



11N40SISO_Ant1_5190

11N40SISO_Ant1_5230



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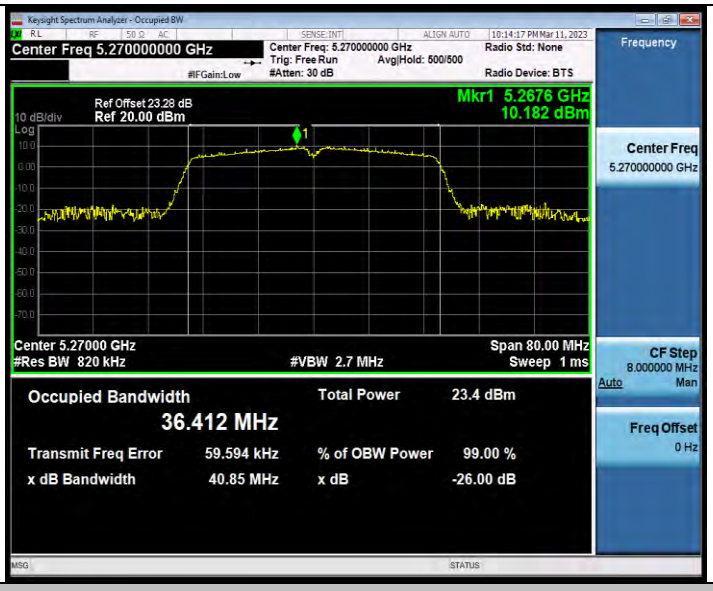
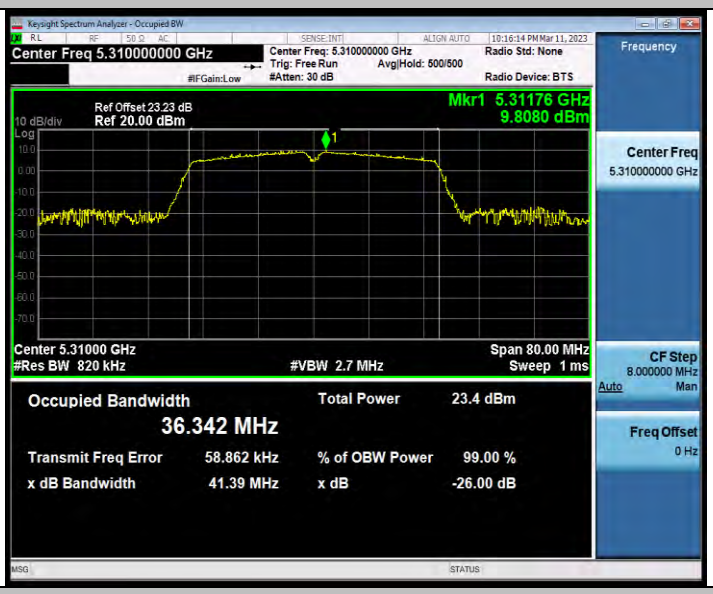
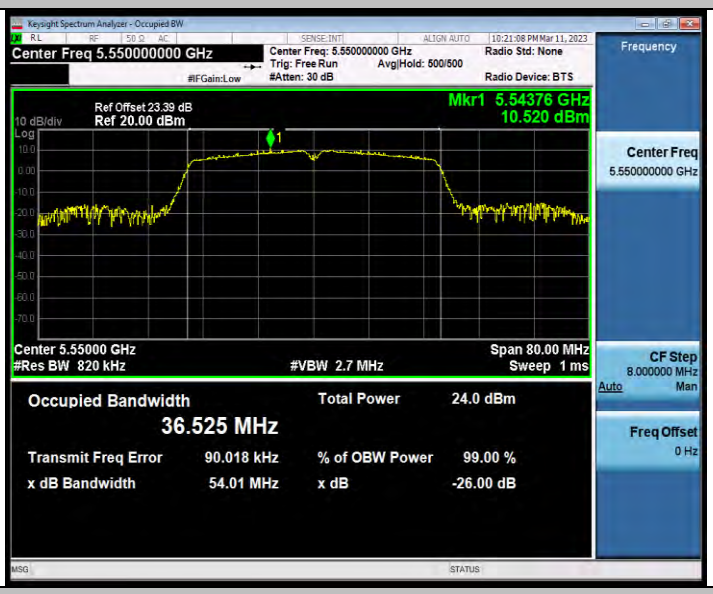


11N40SISO_Ant1_5310



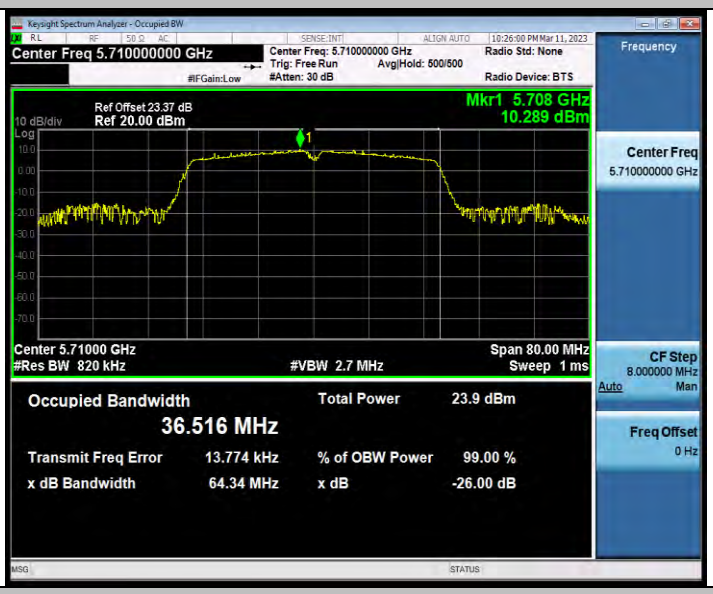
11N40SISO_Ant1_5510

11N40SISO_Ant1_5550



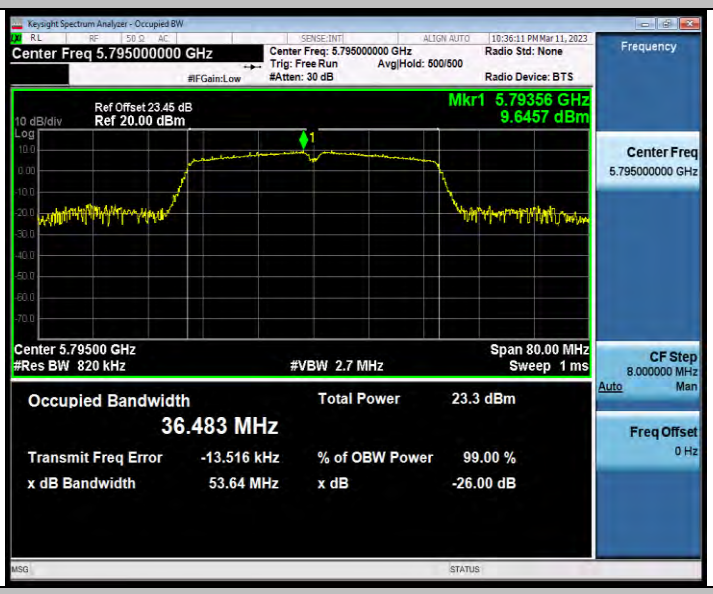
11N40SISO_Ant1_5670

11N40SISO_Ant1_5710



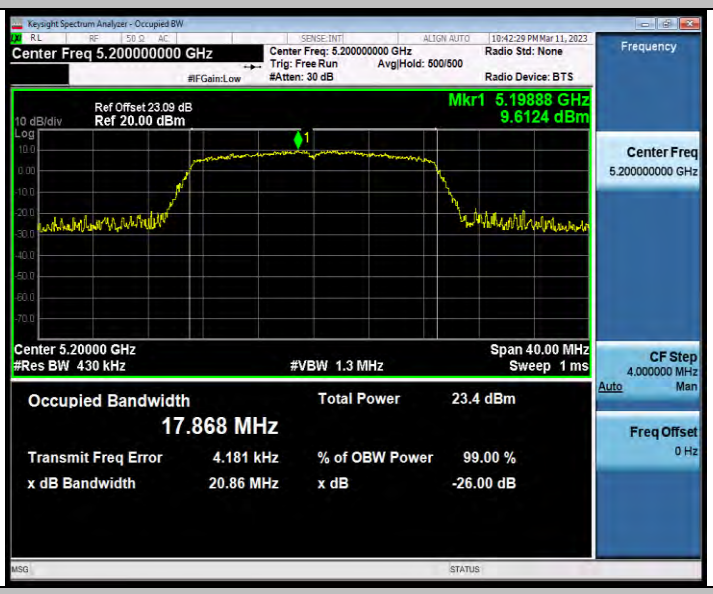
11N40SISO_Ant1_5755

11N40SISO_Ant1_5795



11AC20SISO_Ant1_5180

11AC20SISO_Ant1_5200



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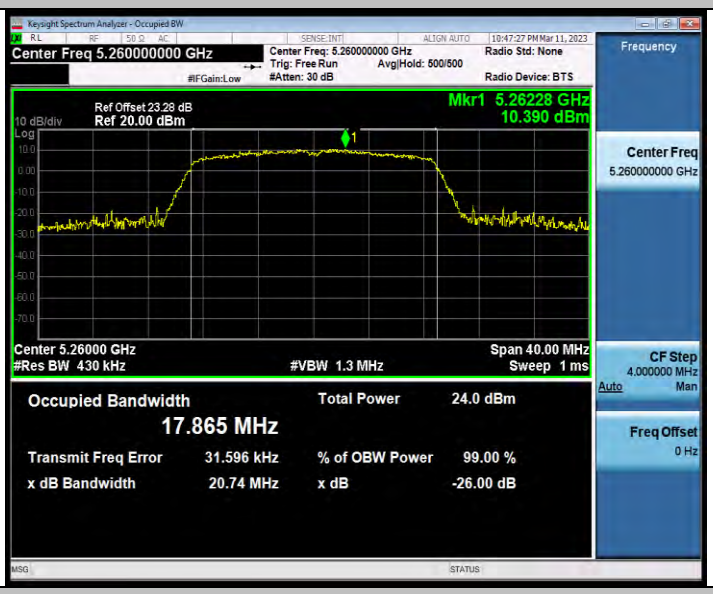
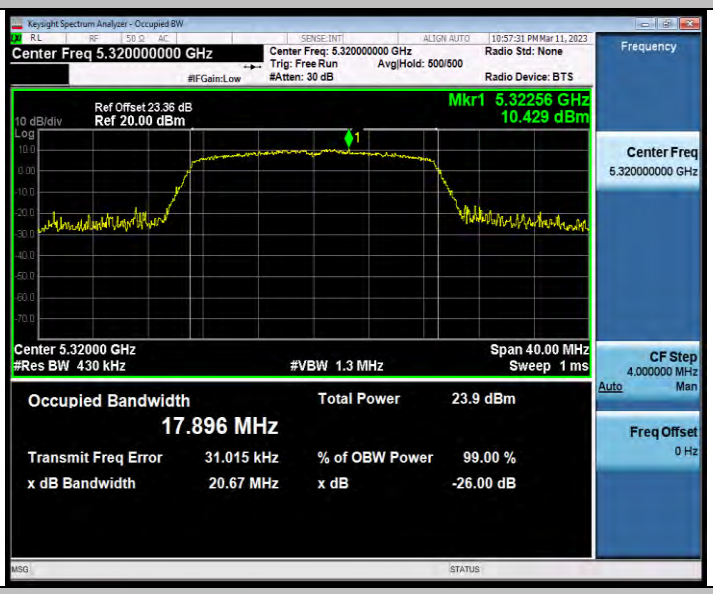


11AC20SISO_Ant1_5300

11AC20SISO_Ant1_5320



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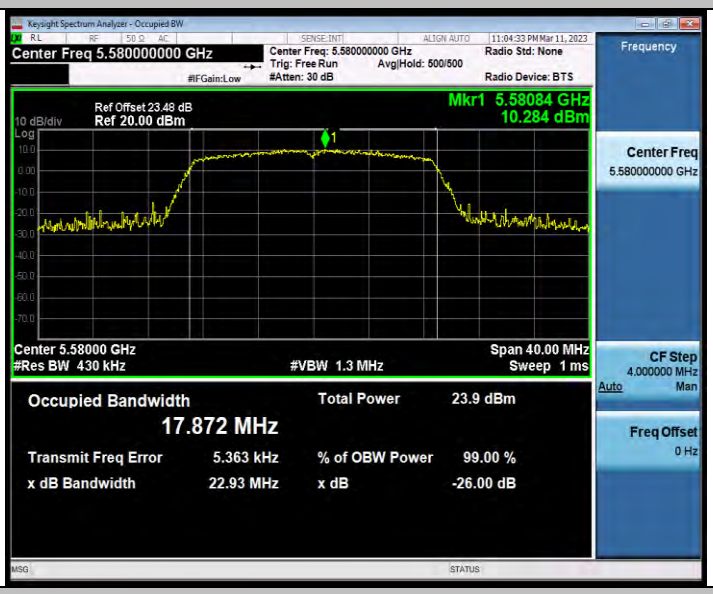
11AC20SISO_Ant1_5580



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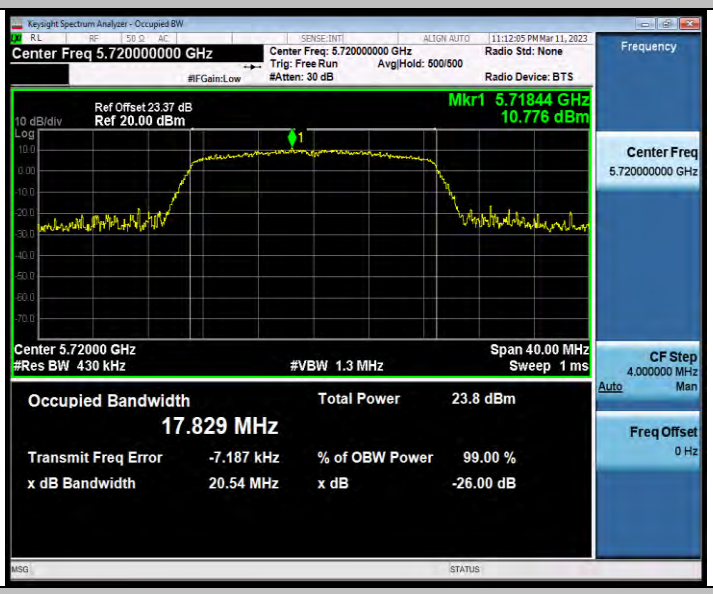
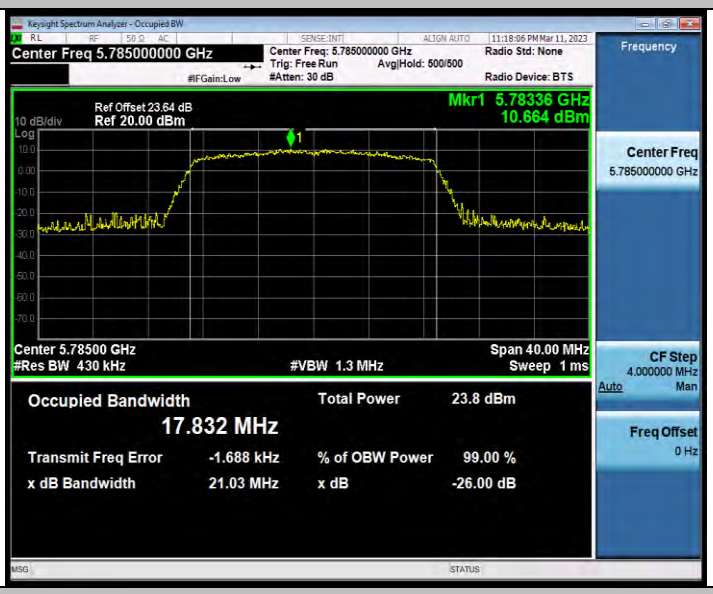


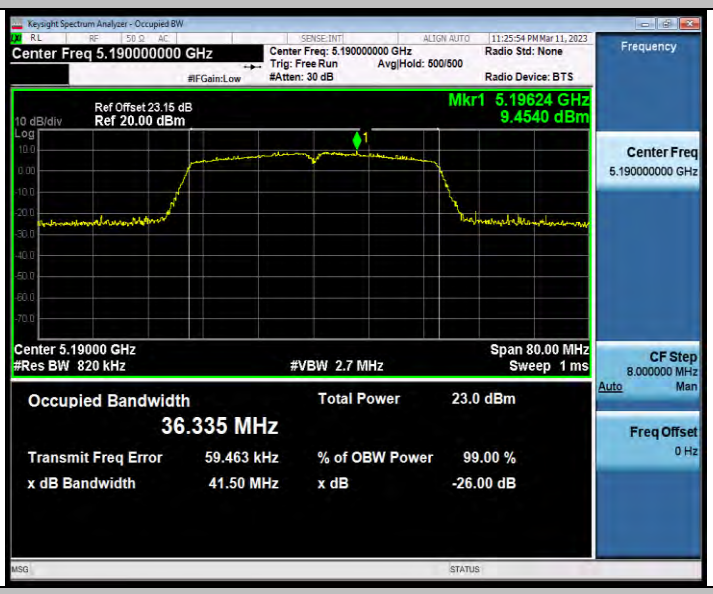
11AC20SISO_Ant1_5745

11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825

11AC40SISO_Ant1_5190



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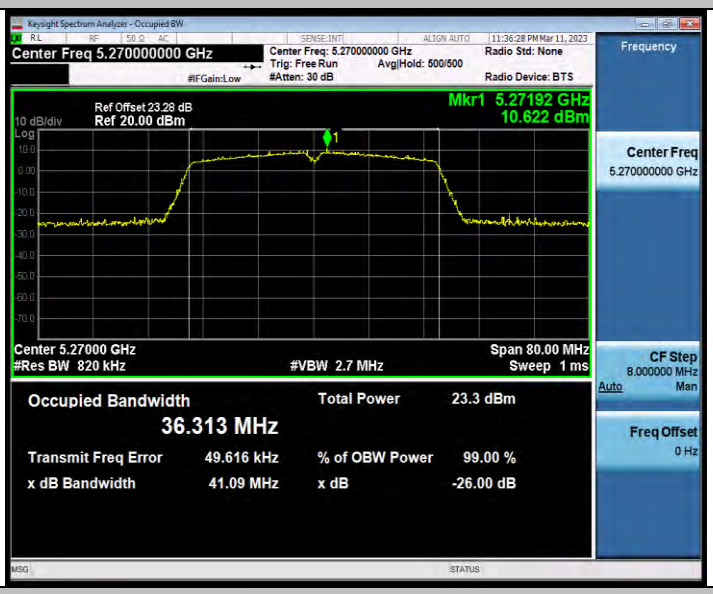
11AC40SISO_Ant1_5270



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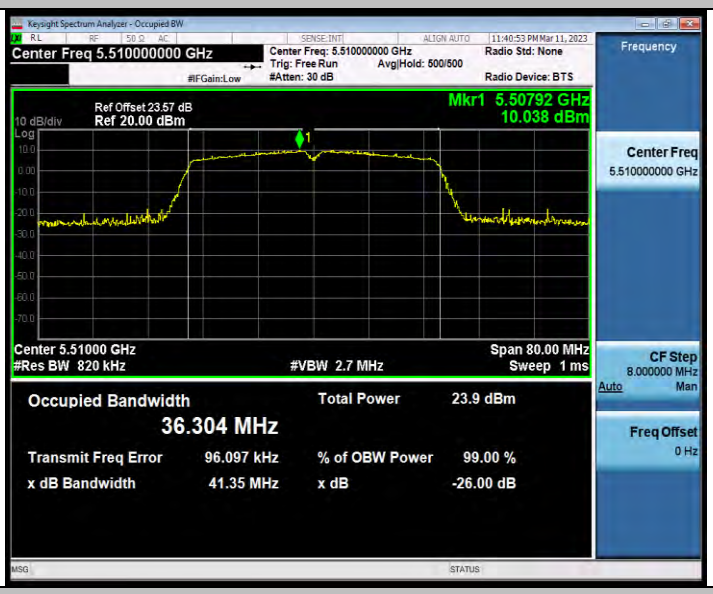
11AC40SISO_Ant1_5510



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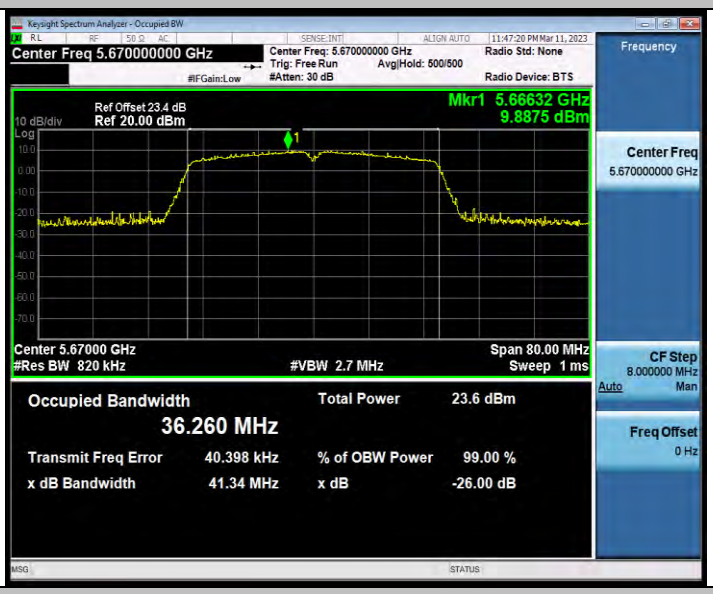
11AC40SISO_Ant1_5670



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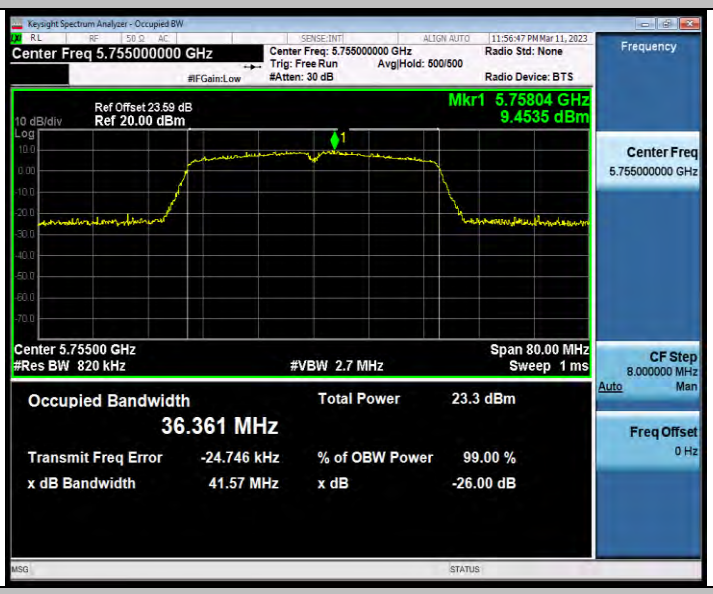
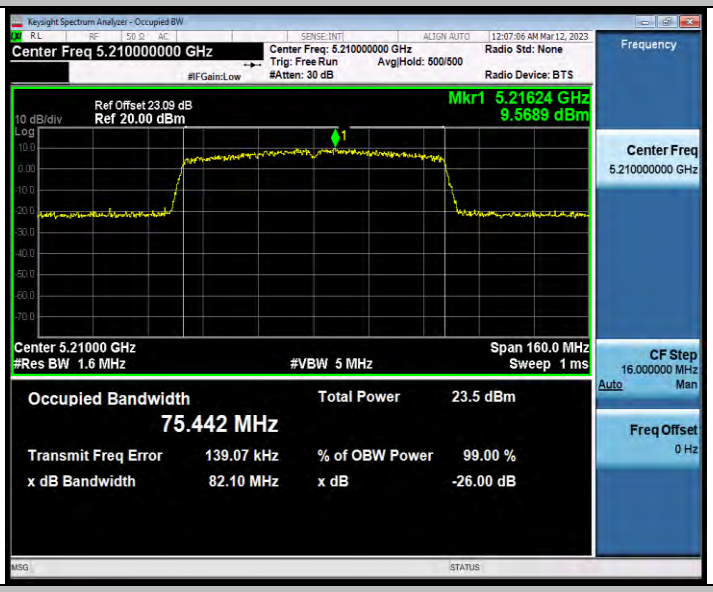
11AC40SISO_Ant1_5755



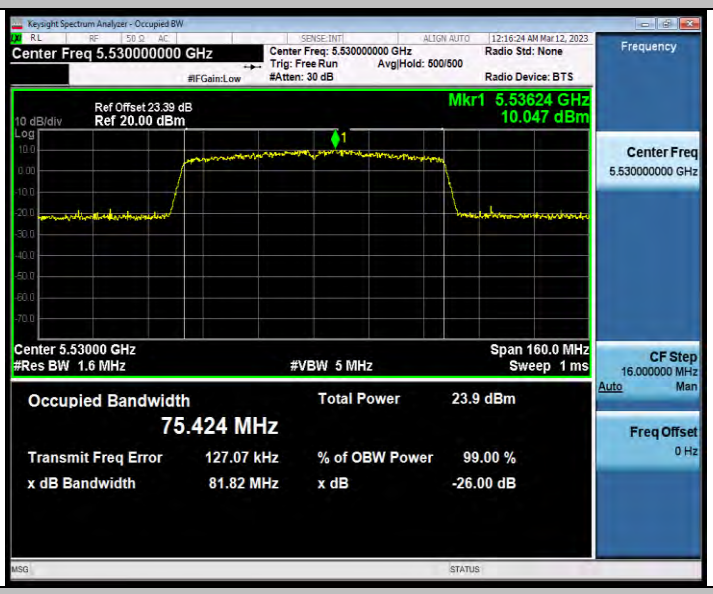
11AC40SISO_Ant1_5795

11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5290

11AC80SISO_Ant1_5530



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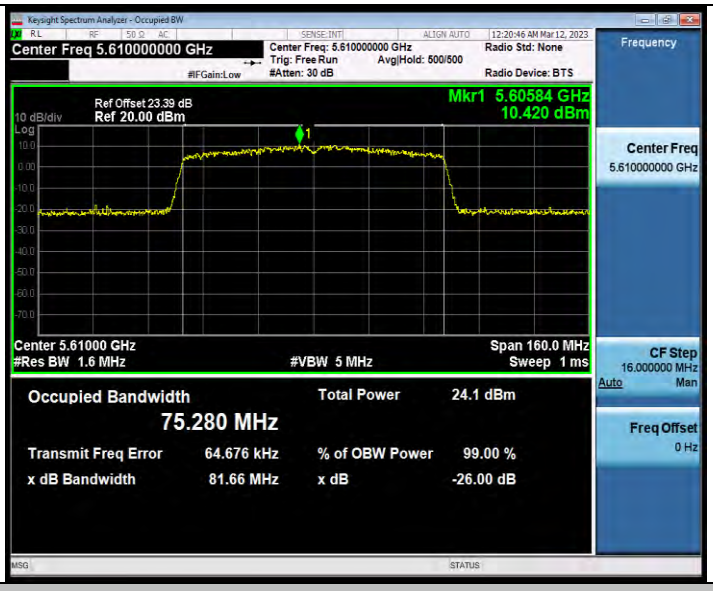
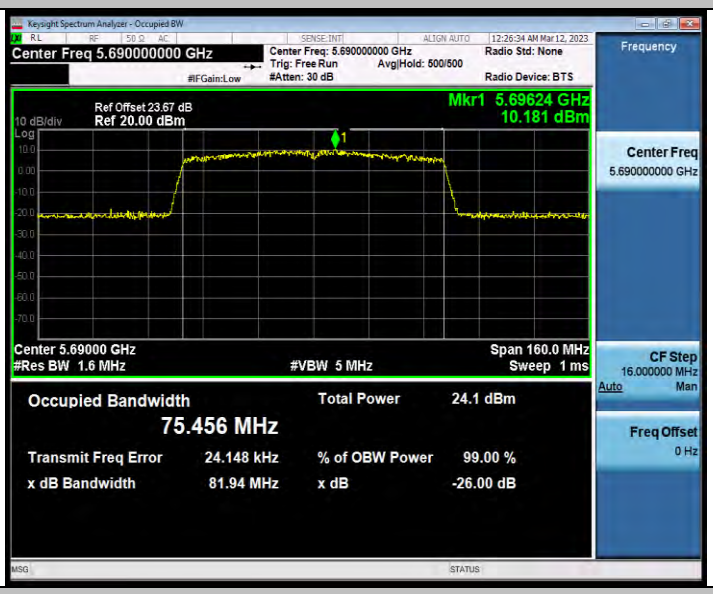


11AC80SISO_Ant1_5690



11AC80SISO_Ant1_5775

Keysight Spectrum Analyzer - Occupied BW
Center Freq 5.775000000 GHz
Center Freq: 5.775000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold: 500/500
Radio Std: None
Radio Device: BTS
12:32:59 AM Mar 12, 2023
Frequency
Ref Offset 23.64 dB
10 dB/div
Ref 20.00 dBm
Mkr1 5.77244 GHz
10.453 dBm
Center Freq
5.775000000 GHz
Center 5.77500 GHz
#Res BW 1.6 MHz
#VBW 5 MHz
Span 160.0 MHz
Sweep 1 ms
CF Step
16.000000 MHz
Auto
Man
Occupied Bandwidth
75.463 MHz
Total Power
24.3 dBm
Transmit Freq Error
18.767 kHz
% of OBW Power
99.00 %
x dB Bandwidth
82.16 MHz
x dB
-26.00 dB
Freq Offset
0 Hz
MSG
STATUS

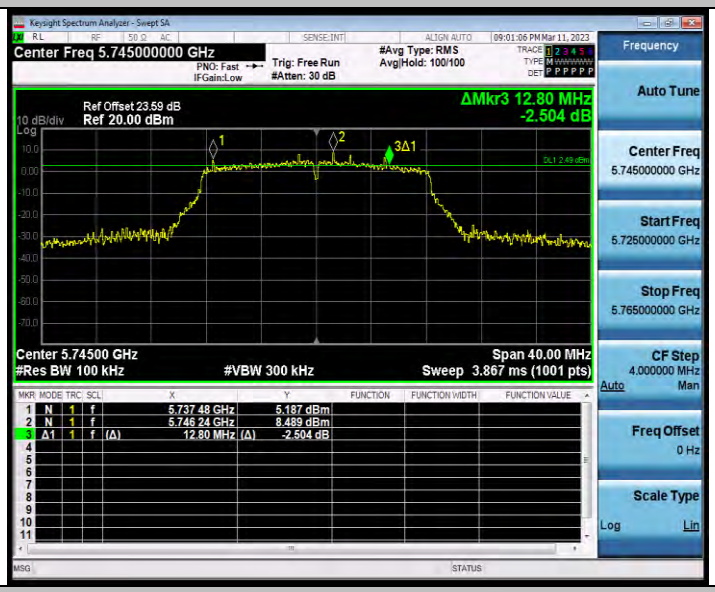
MIN EMISSION BANDWIDTH

TEST RESULT B4

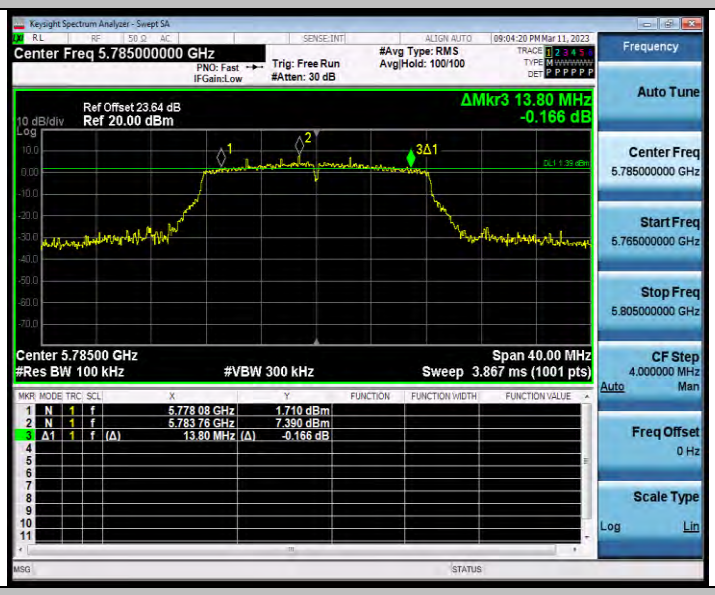
TestMode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	12.800	5737.480	5750.280	0.5	PASS
		5785	13.800	5778.080	5791.880	0.5	PASS
		5825	15.320	5817.440	5832.760	0.5	PASS
11N20SISO	Ant1	5745	11.680	5739.600	5751.280	0.5	PASS
		5785	14.360	5777.520	5791.880	0.5	PASS
		5825	15.200	5817.520	5832.720	0.5	PASS
11N40SISO	Ant1	5755	35.040	5737.480	5772.520	0.5	PASS
		5795	35.120	5777.400	5812.520	0.5	PASS
11AC20SISO	Ant1	5745	14.760	5737.720	5752.480	0.5	PASS
		5785	14.960	5777.520	5792.480	0.5	PASS
		5825	15.080	5817.440	5832.520	0.5	PASS
11AC40SISO	Ant1	5755	35.040	5737.480	5772.520	0.5	PASS
		5795	35.040	5777.480	5812.520	0.5	PASS
11AC80SISO	Ant1	5775	75.200	5737.400	5812.600	0.5	PASS

TEST GRAPHS B4

11A_Ant1_5745



11A_Ant1_5785



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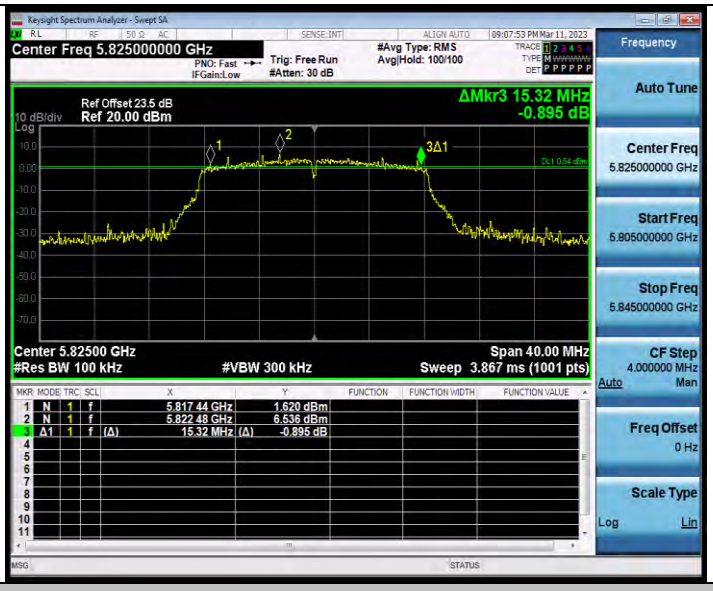
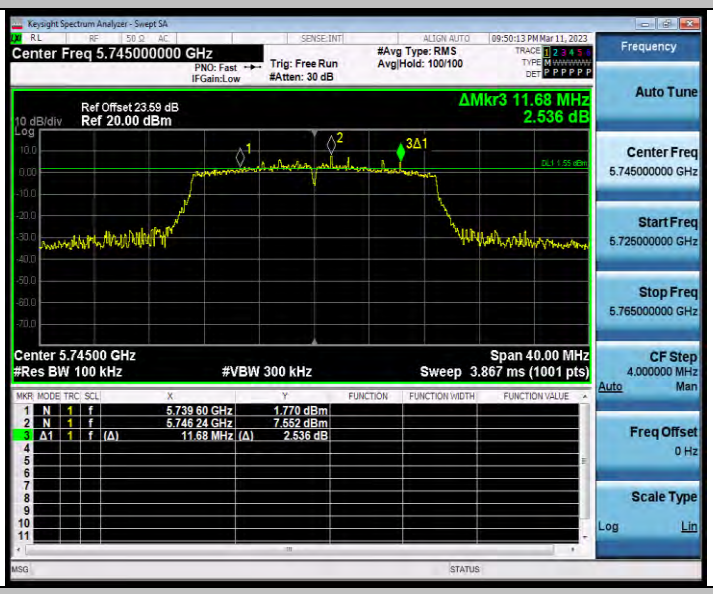
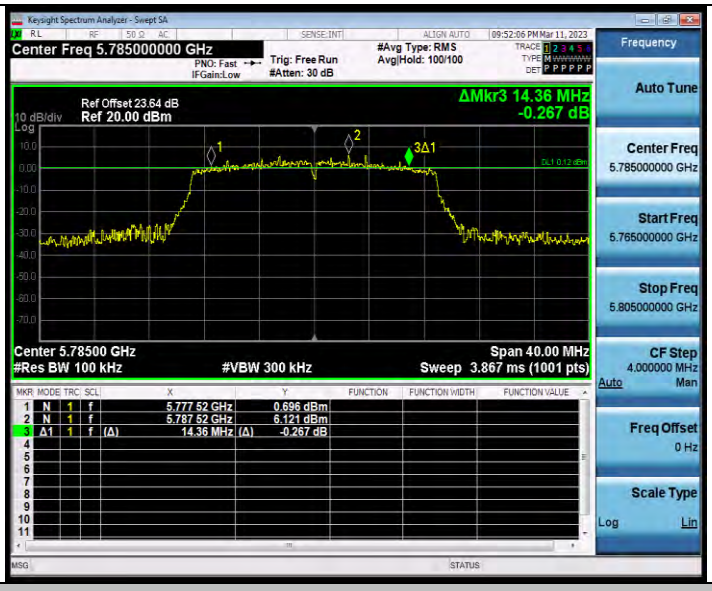


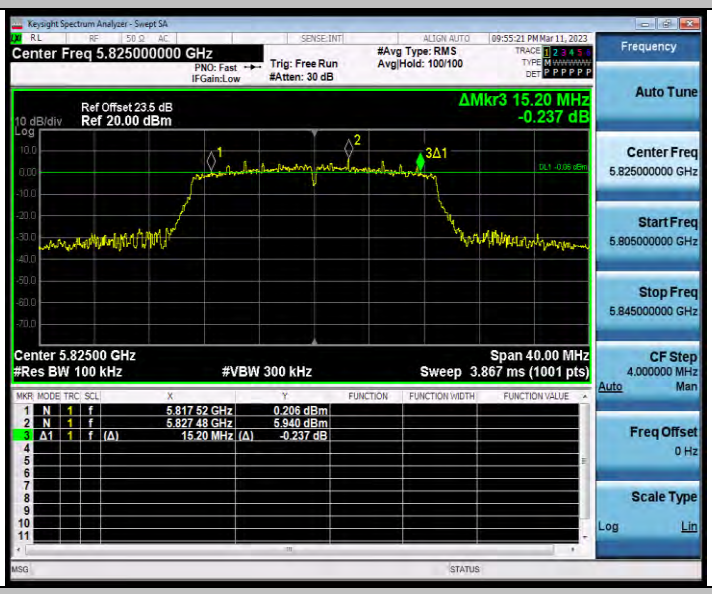
11N20SISO_Ant1_5745



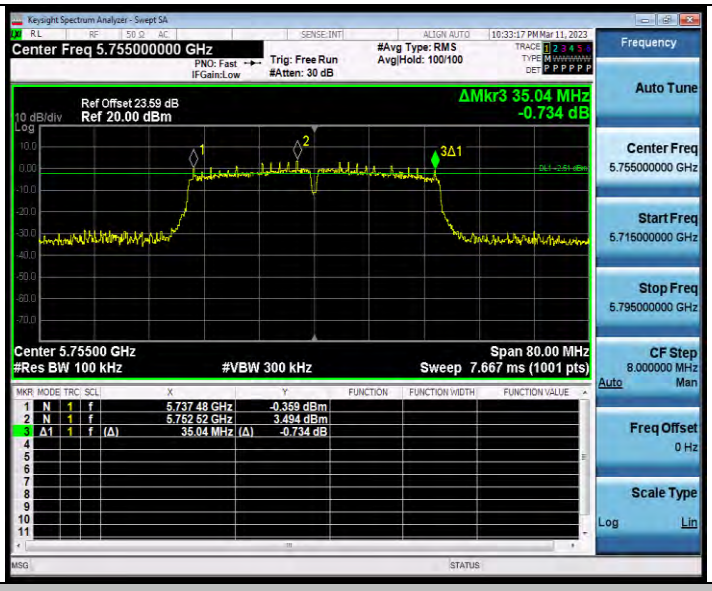
11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



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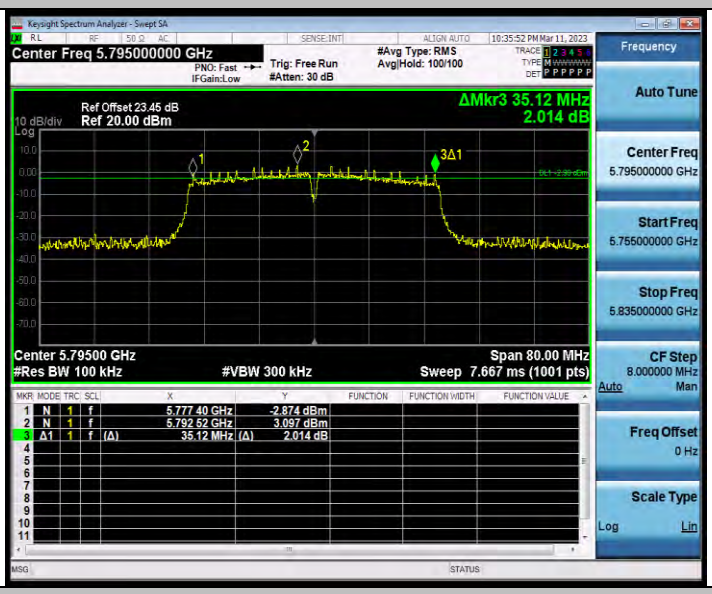
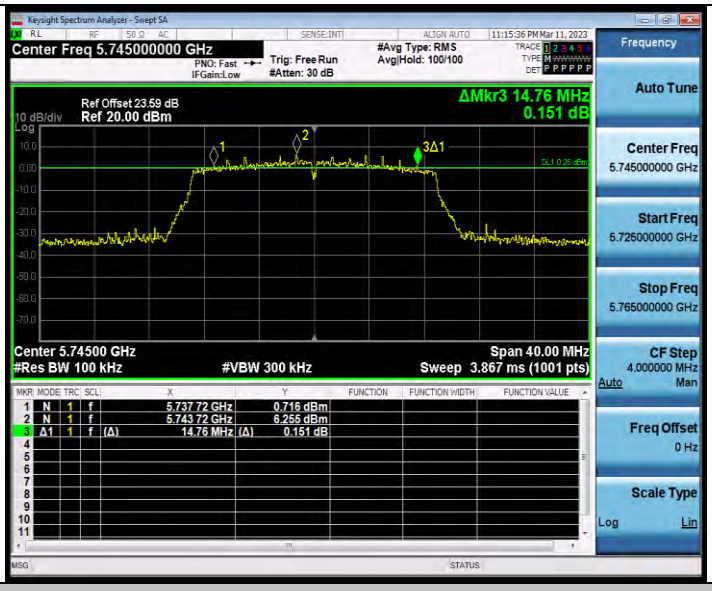


11AC20SISO_Ant1_5745



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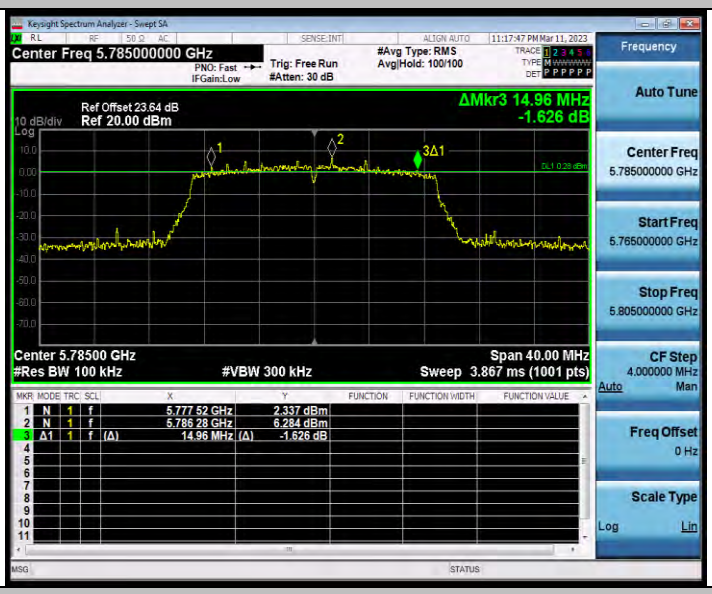

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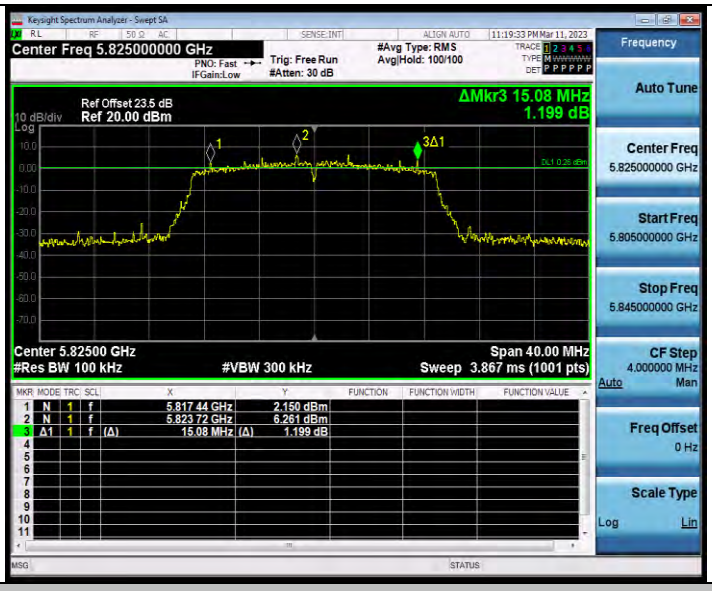

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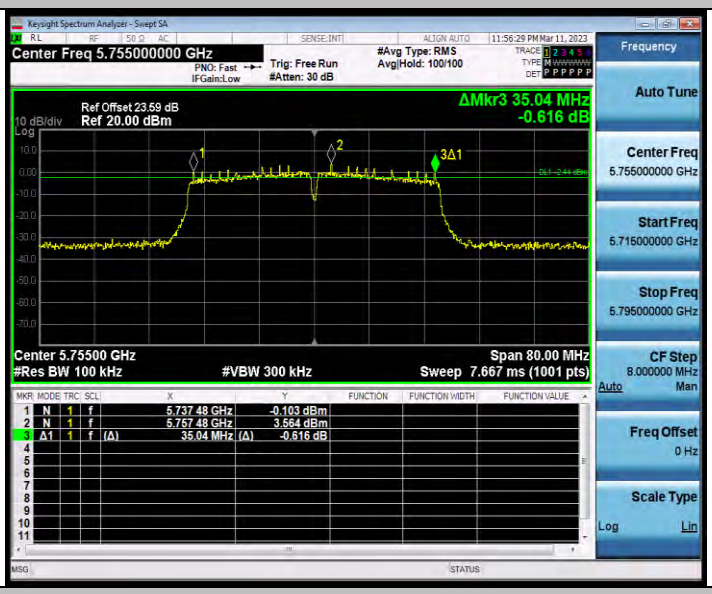

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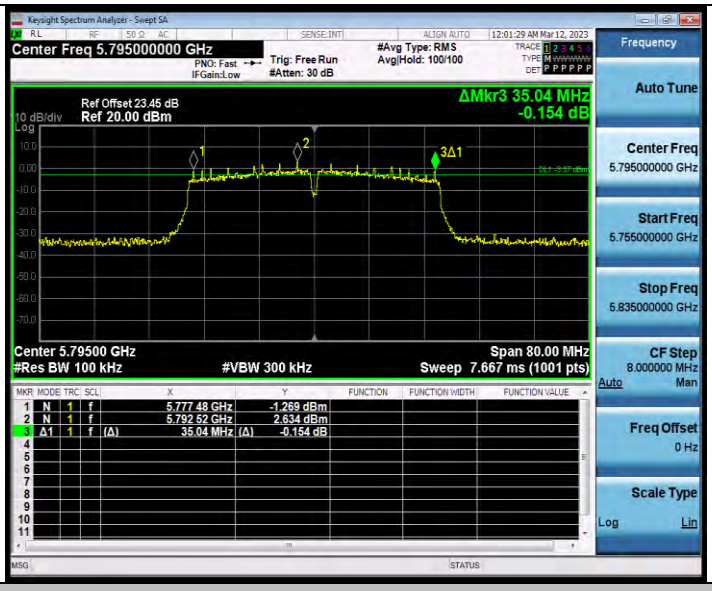
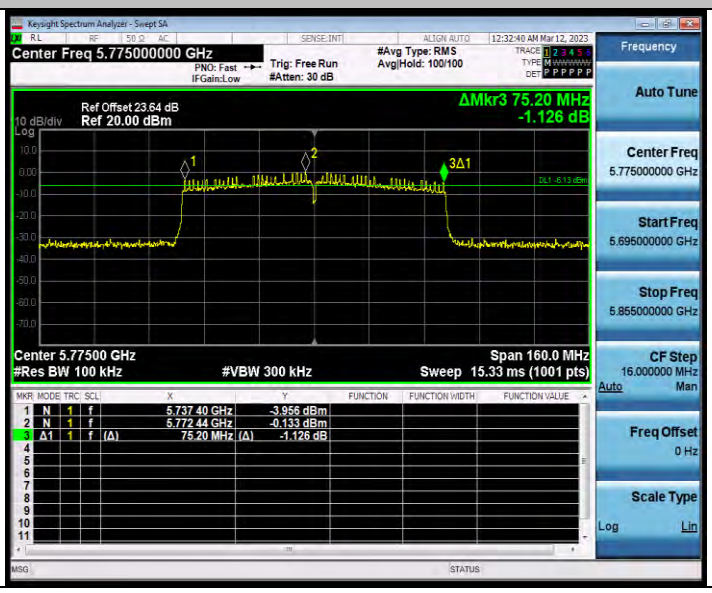


11AC80SISO_Ant1_5775



DUTY CYCLE

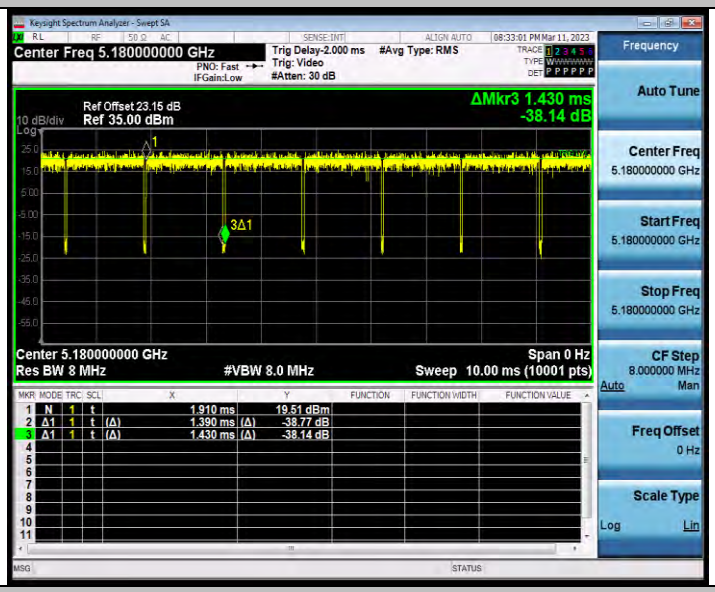
TEST RESULT

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5180	1.39	1.43	97.20
		5200	1.39	1.44	96.53
		5240	1.39	1.44	96.53
		5260	1.39	1.44	96.53
		5300	1.39	1.43	97.20
		5320	1.39	1.44	96.53
		5500	1.39	1.44	96.53
		5580	1.39	1.44	96.53
		5700	1.39	1.43	97.20
		5720	1.40	1.44	97.22
		5745	1.40	1.44	97.22
		5785	1.39	1.43	97.20
		5825	1.39	1.44	96.53
11N20SISO	Ant1	5180	1.30	1.34	97.01
		5200	1.30	1.34	97.01
		5240	1.30	1.34	97.01
		5260	1.30	1.34	97.01
		5300	1.30	1.34	97.01
		5320	1.30	1.35	96.30
		5500	1.30	1.34	97.01
		5580	1.30	1.35	96.30
		5700	1.30	1.35	96.30
		5720	1.30	1.35	96.30
		5745	1.30	1.35	96.30
		5785	1.30	1.35	96.30
		5825	1.30	1.34	97.01
11N40SISO	Ant1	5190	0.65	0.70	92.86
		5230	0.65	0.69	94.20
		5270	0.65	0.69	94.20
		5310	0.65	0.70	92.86

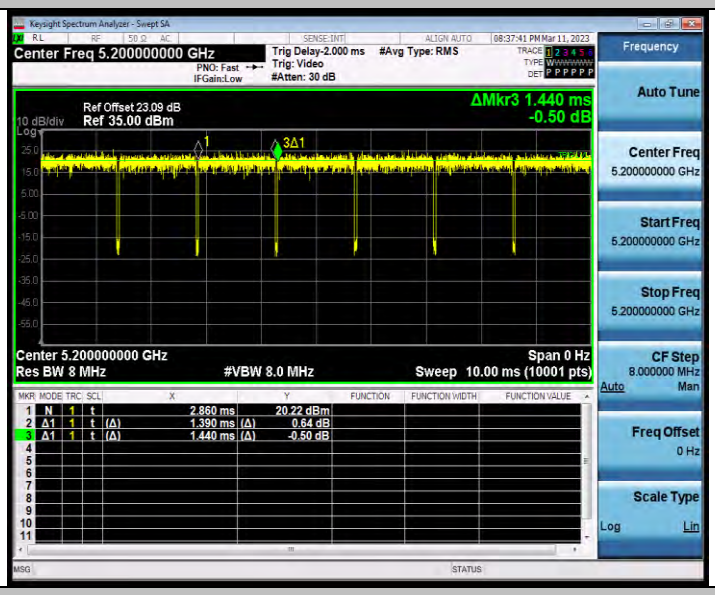
		5510	0.65	0.69	94.20
		5550	0.65	0.69	94.20
		5670	0.65	0.69	94.20
		5710	0.64	0.69	92.75
		5755	0.64	0.69	92.75
		5795	0.65	0.70	92.86
11AC20SISO	Ant1	5180	1.31	1.36	96.32
		5200	1.31	1.36	96.32
		5240	1.31	1.36	96.32
		5260	1.31	1.35	97.04
		5300	1.31	1.36	96.32
		5320	1.31	1.36	96.32
		5500	1.31	1.35	97.04
		5580	1.31	1.35	97.04
		5700	1.31	1.35	97.04
		5720	1.31	1.36	96.32
		5745	1.31	1.35	97.04
		5785	1.31	1.36	96.32
		5825	1.31	1.35	97.04
11AC40SISO	Ant1	5190	0.65	0.69	94.20
		5230	0.65	0.69	94.20
		5270	0.65	0.70	92.86
		5310	0.66	0.70	94.29
		5510	0.65	0.70	92.86
		5550	0.65	0.69	94.20
		5670	0.65	0.70	92.86
		5710	0.66	0.70	94.29
		5755	0.66	0.70	94.29
		5795	0.66	0.70	94.29
11AC80SISO	Ant1	5210	0.32	0.37	86.49
		5290	0.32	0.37	86.49
		5530	0.32	0.37	86.49
		5610	0.32	0.37	86.49
		5690	0.32	0.37	86.49
		5775	0.33	0.37	89.19

TEST GRAPHS

11A_Ant1_5180



11A_Ant1_5200



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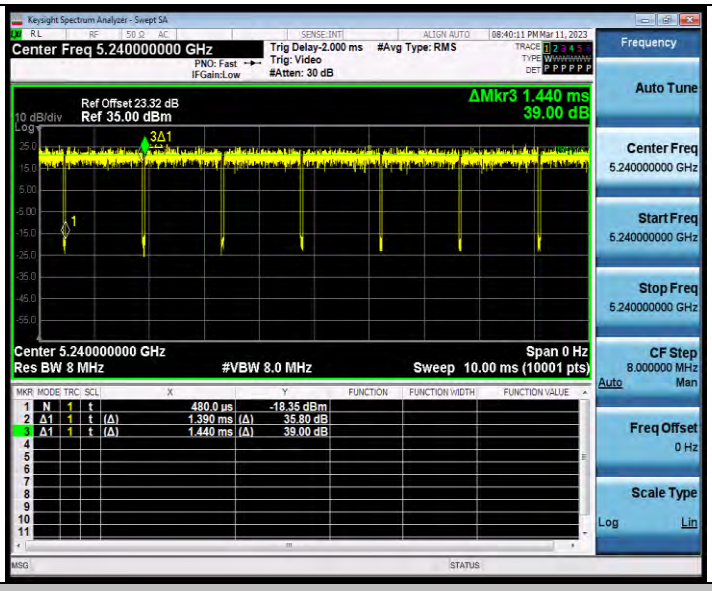

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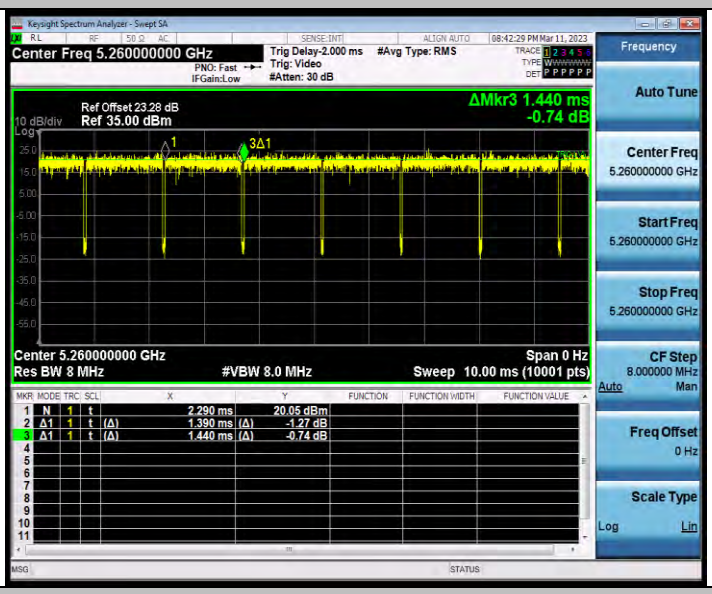
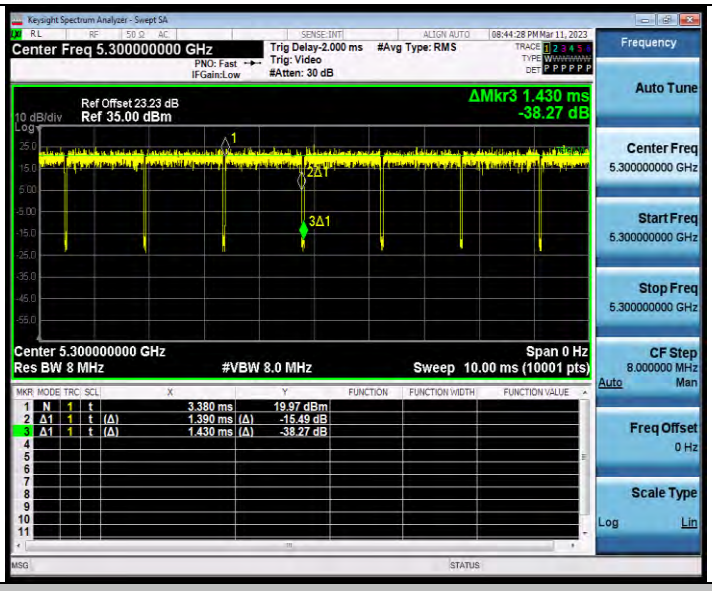


11A_Ant1_5300



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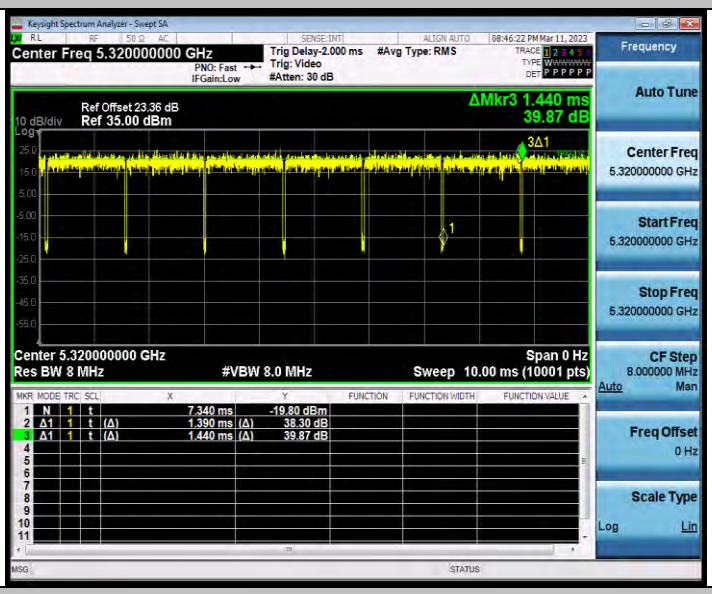
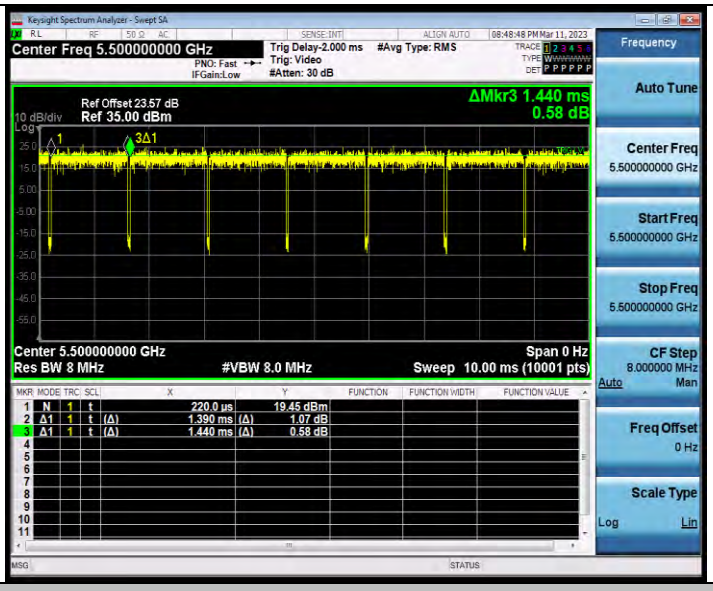
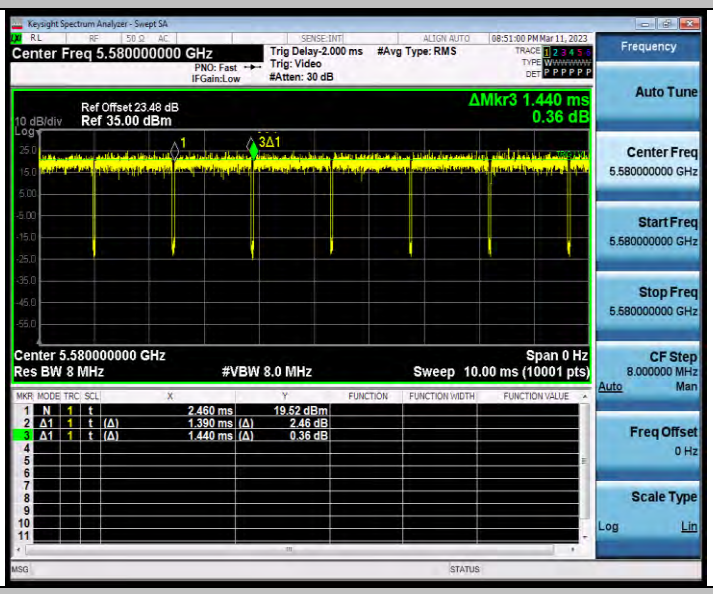


11A_Ant1_5500



11A_Ant1_5580



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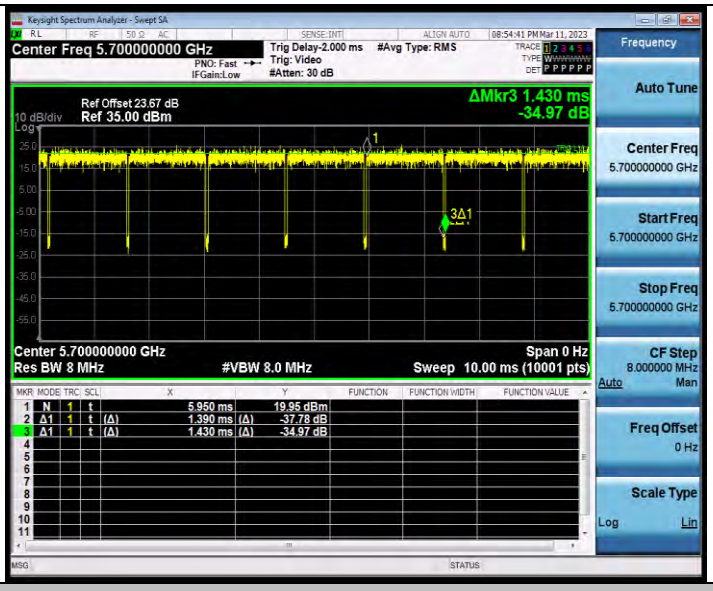

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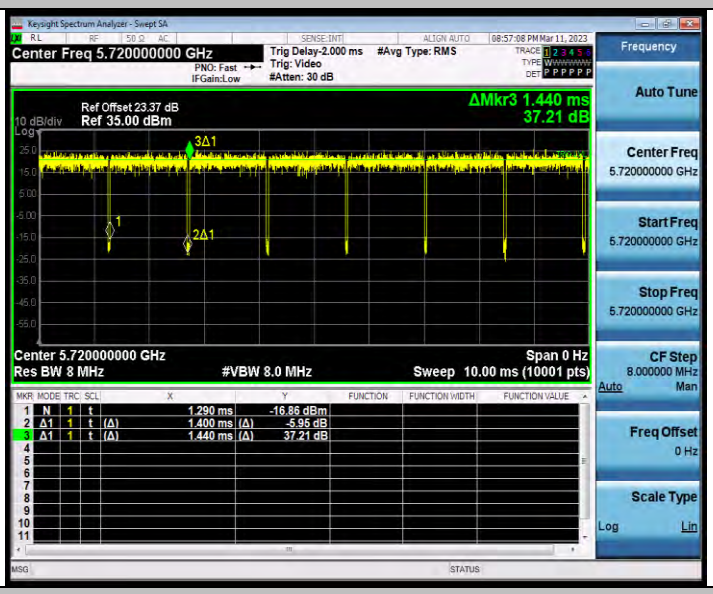
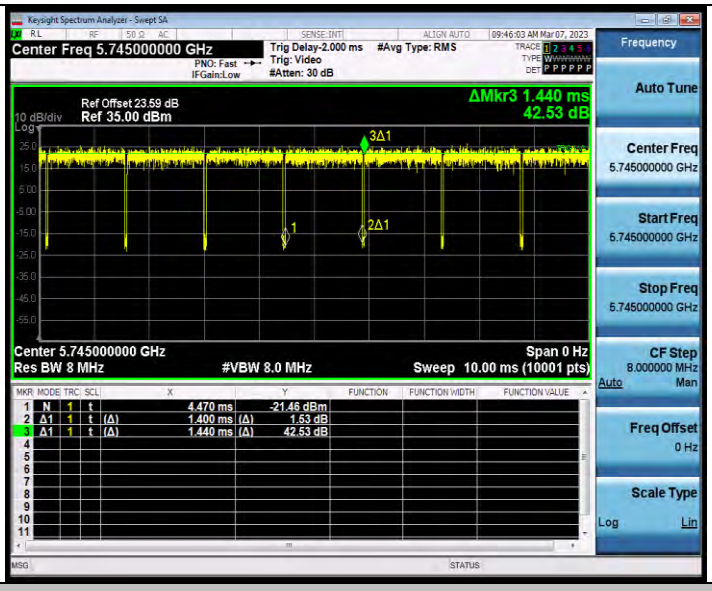
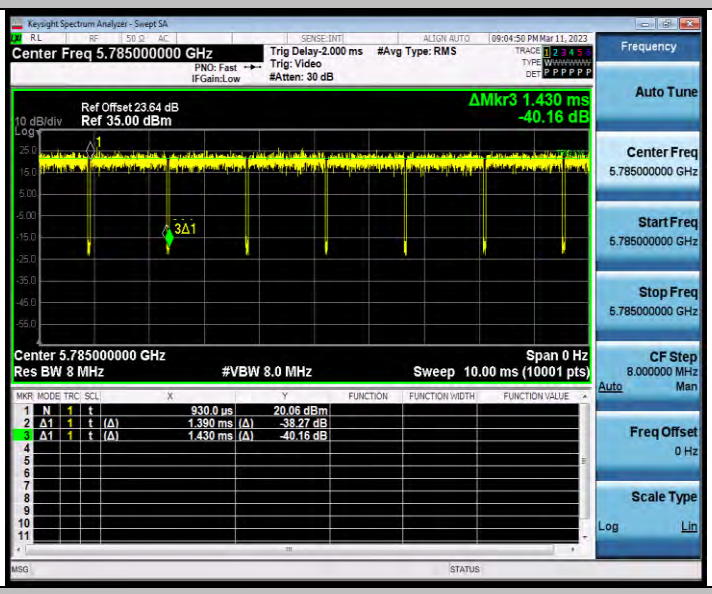


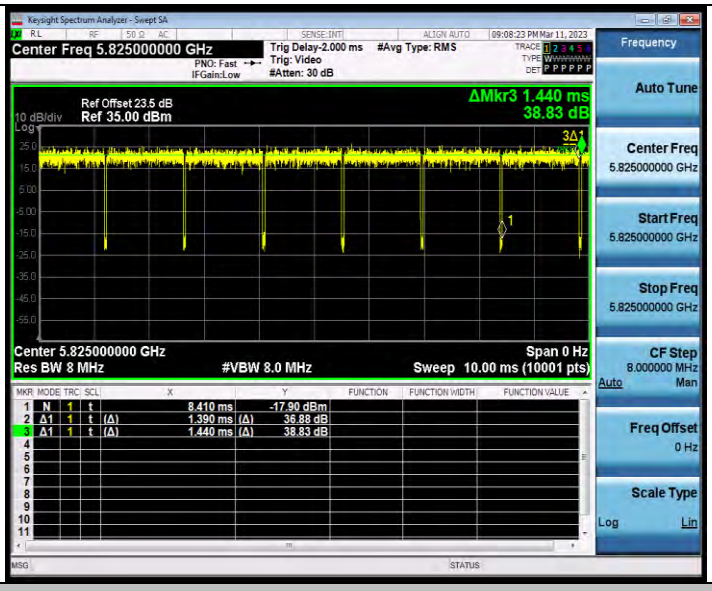
11A_Ant1_5745



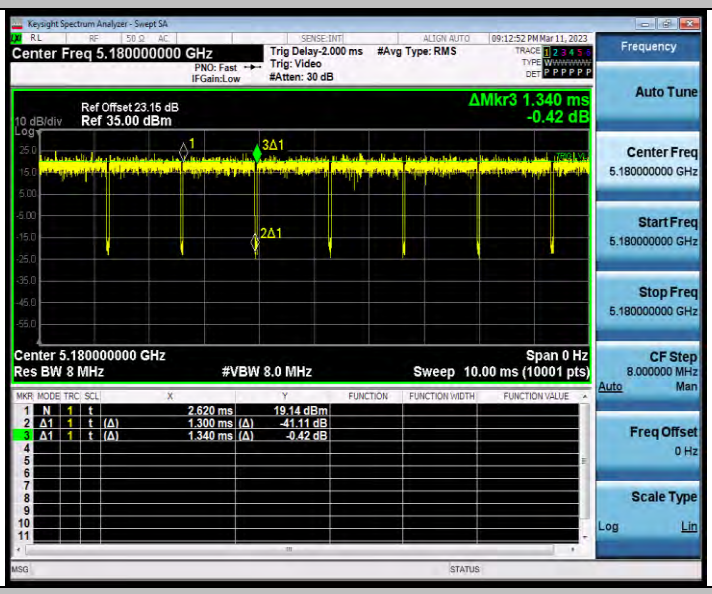
11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5180



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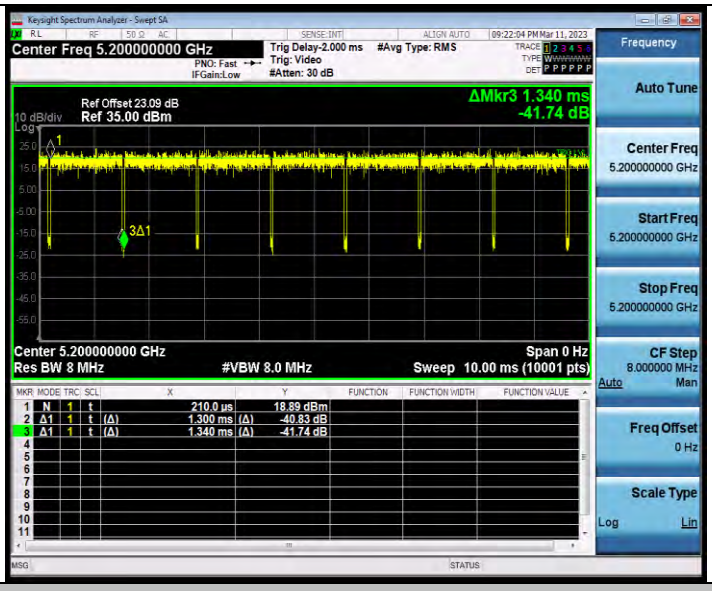

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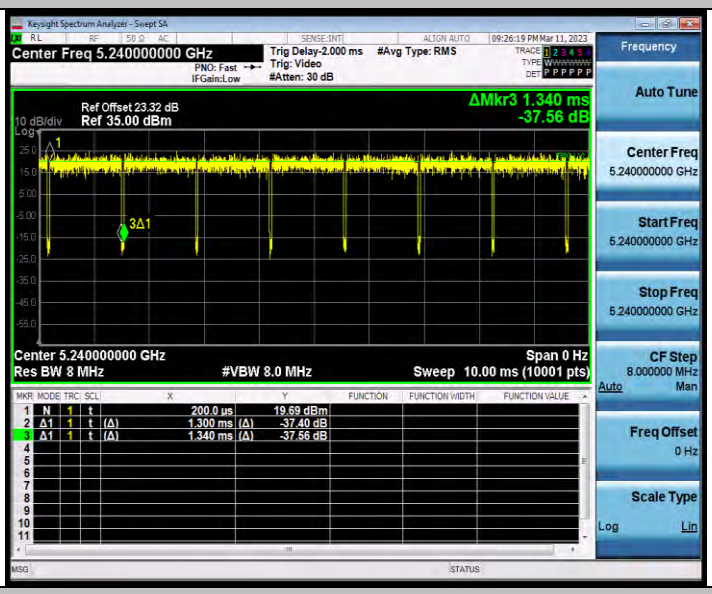

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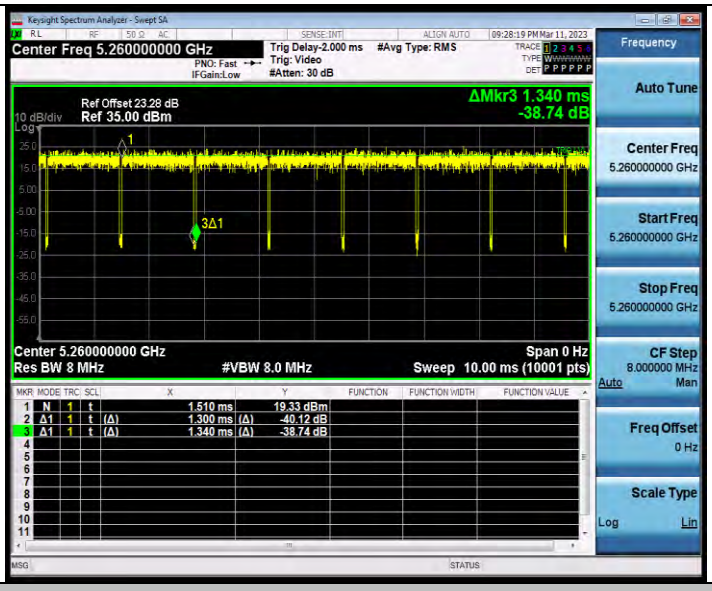

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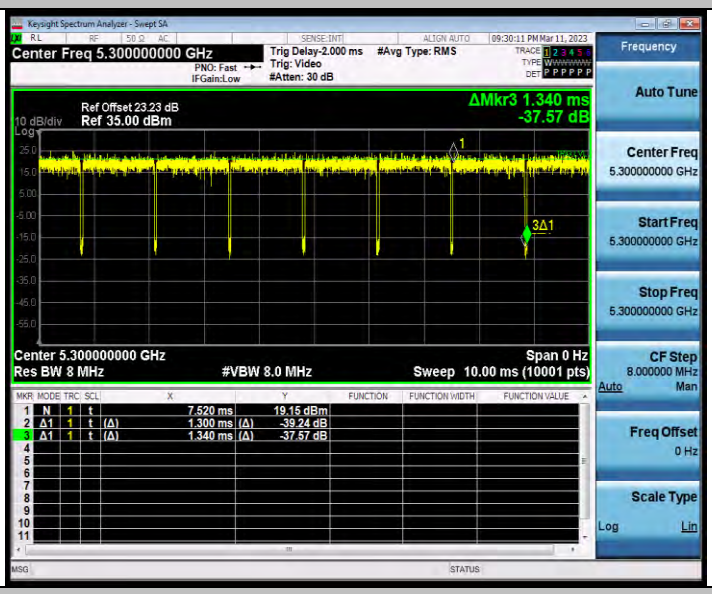

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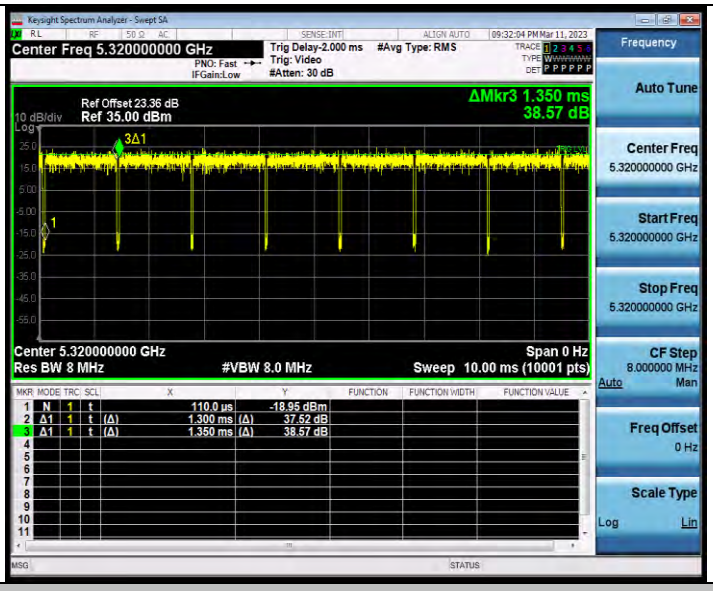

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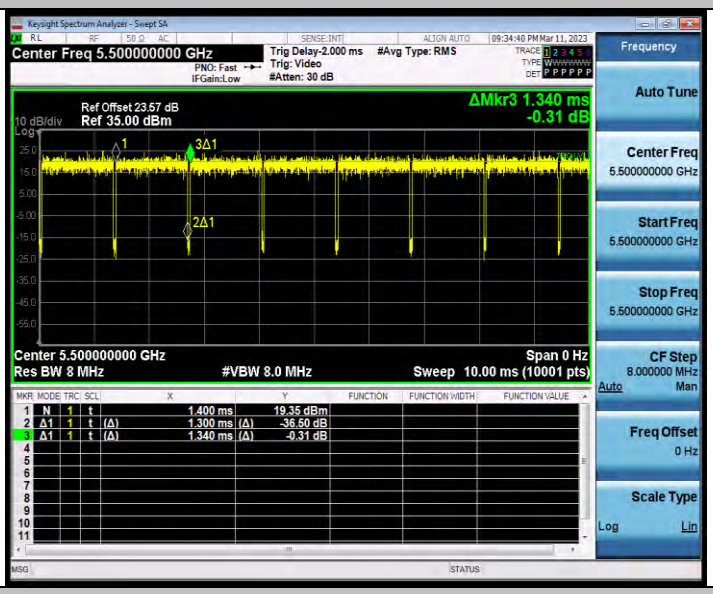

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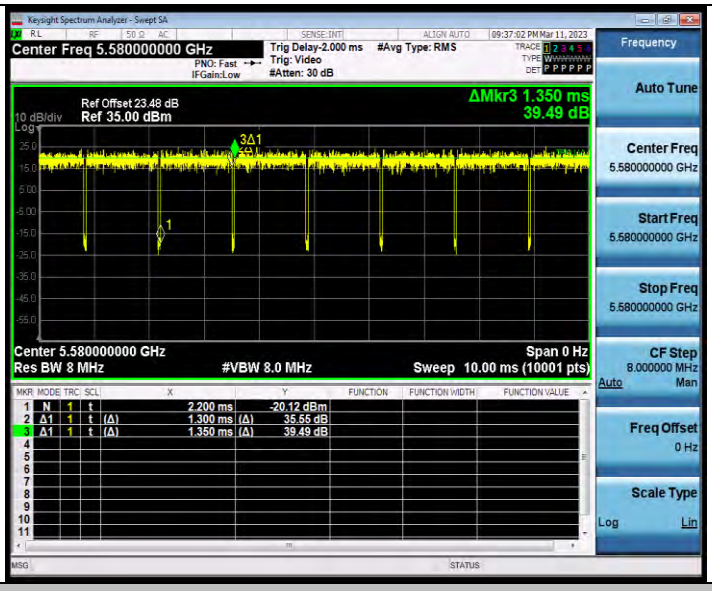

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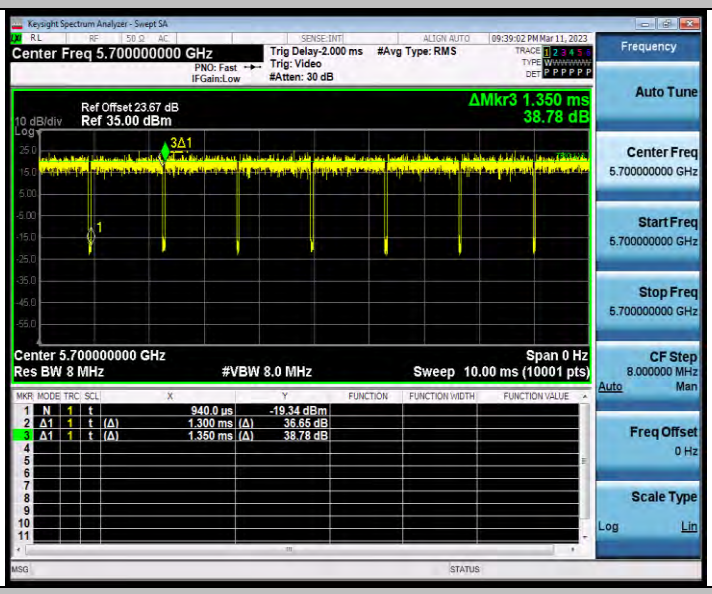

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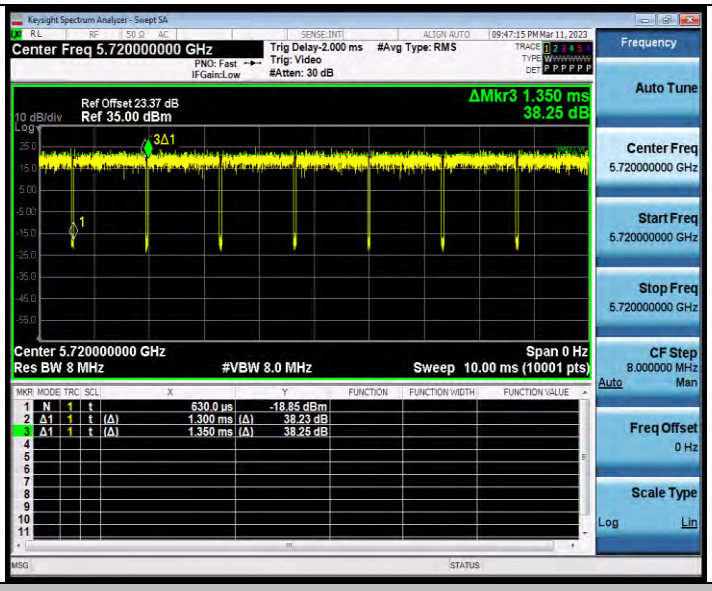
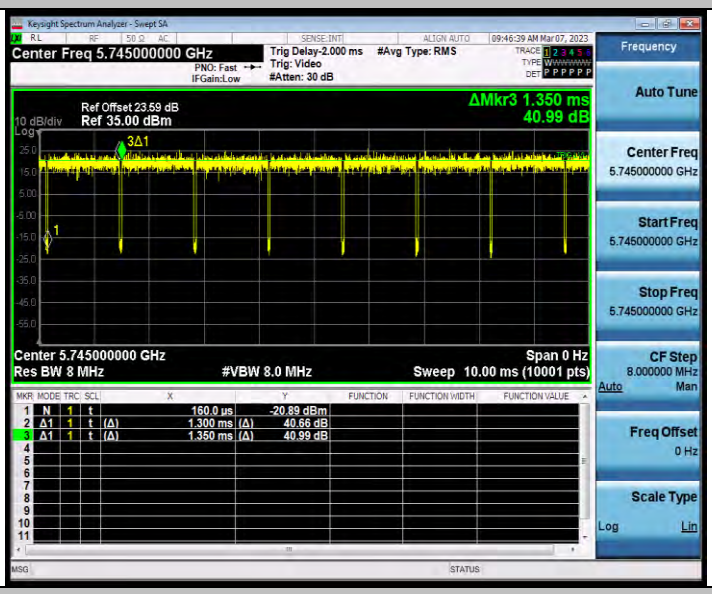


11N20SISO_Ant1_5745



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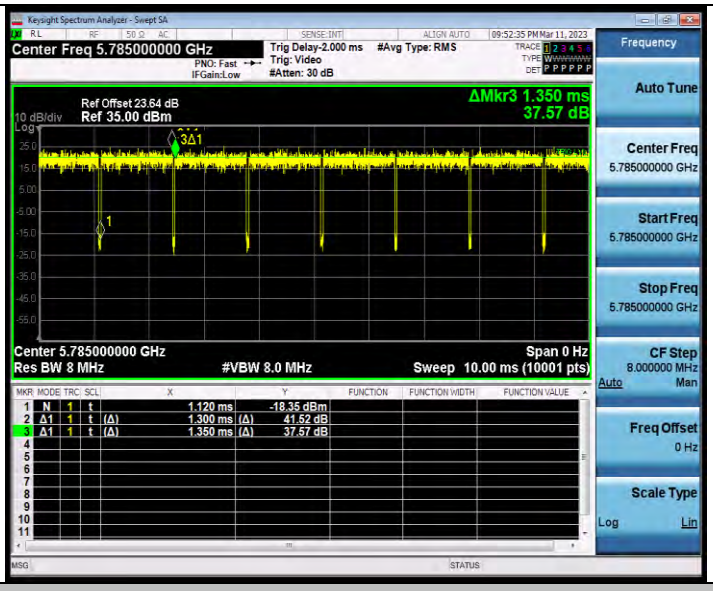

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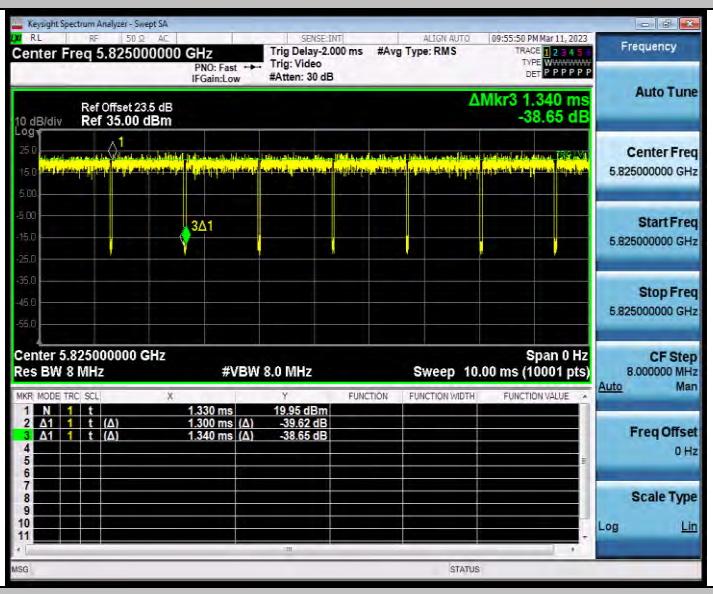

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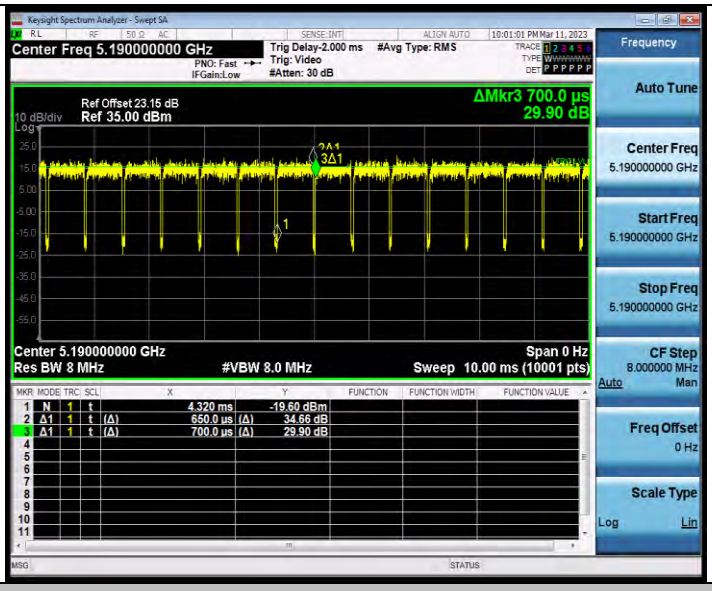

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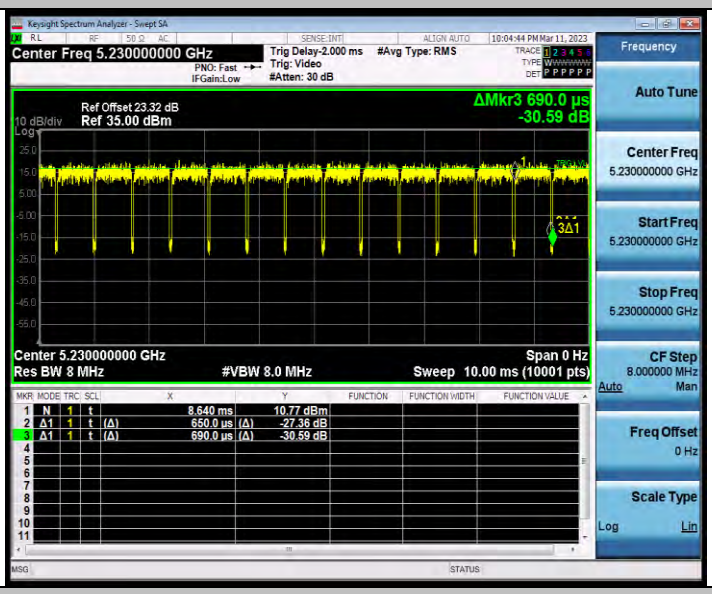

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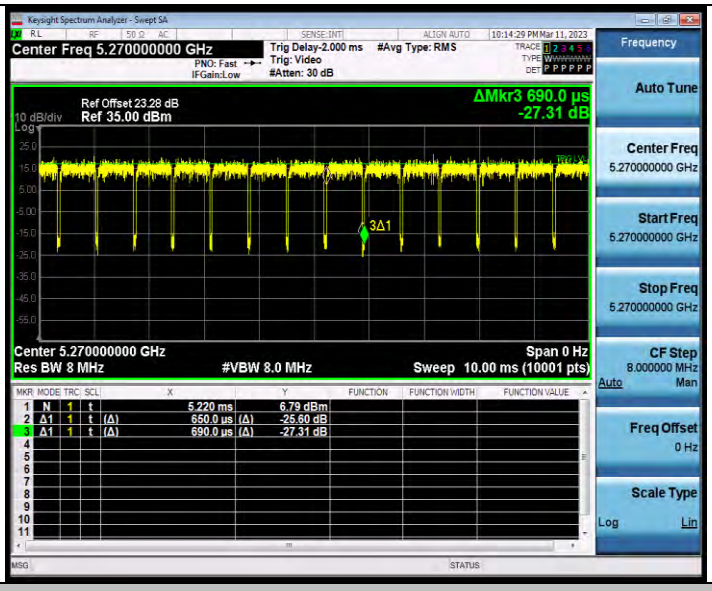

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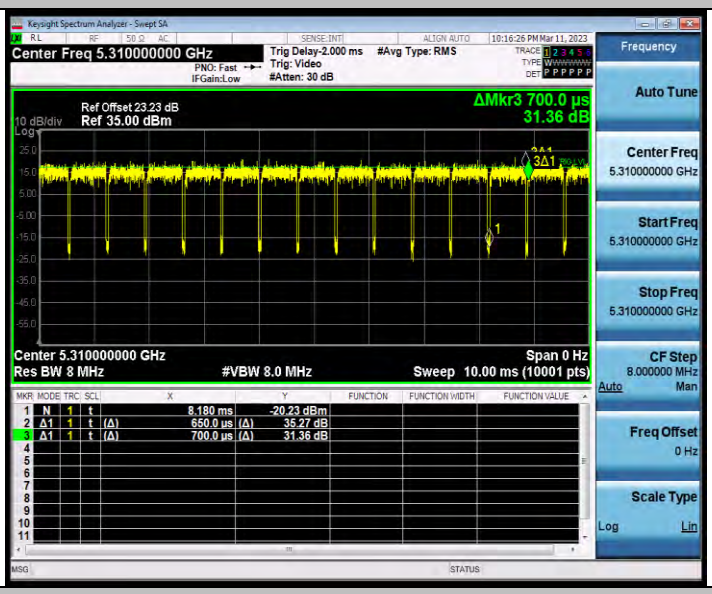

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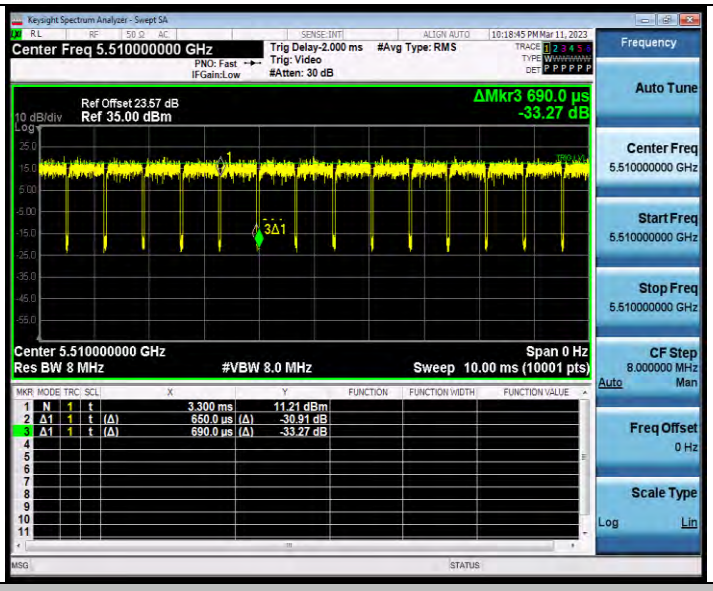

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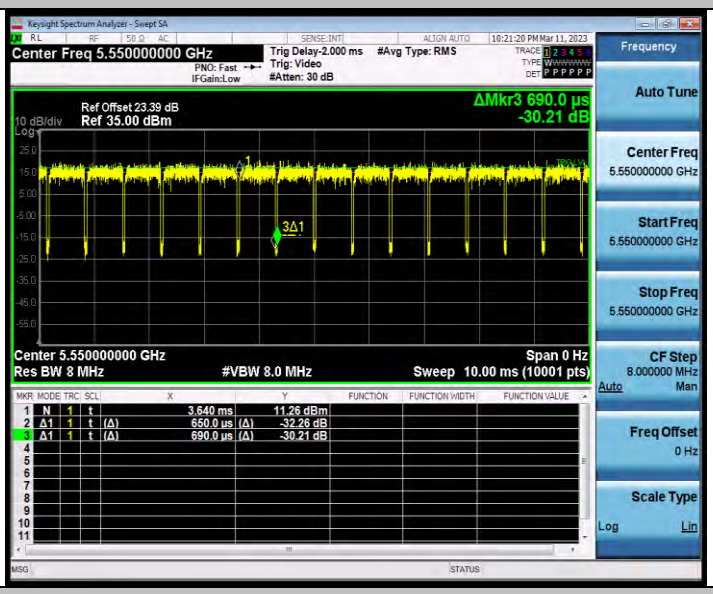

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