

<b>Case No. :</b> <u>GTS20230704026-1-41</u>
<b>Ambient Condition:</b> <u>23</u> °C, <u>49</u> %RH, Atmos100.1Kpa,
<b>Test Date:</b> <u>2023.8.28</u> <b>Test Engineer:</b> <u>Evan Ouyang</u>

## Appendix D.1: Emission Bandwidth

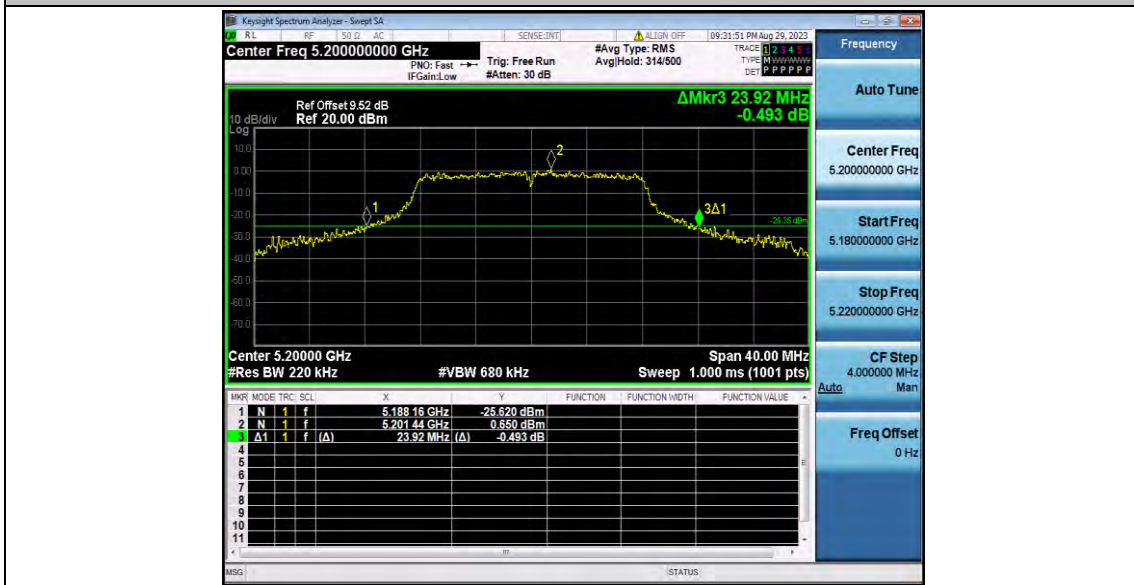
### Test Result

Test Mode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	23.320	5168.600	5191.920	---	---
		5200	23.920	5188.160	5212.080	---	---
		5240	19.720	5230.080	5249.800	---	---
11N20SISO	Ant1	5180	25.080	5167.440	5192.520	---	---
		5200	26.280	5186.600	5212.880	---	---
		5240	20.320	5229.840	5250.160	---	---
11N40SISO	Ant1	5190	39.680	5170.080	5209.760	---	---
		5230	39.920	5209.920	5249.840	---	---
11AC20SISO	Ant1	5180	25.800	5167.160	5192.960	---	---
		5200	24.720	5187.240	5211.960	---	---
		5240	20.000	5229.920	5249.920	---	---
11AC40SISO	Ant1	5190	39.840	5170.240	5210.080	---	---
		5230	40.240	5210.000	5250.240	---	---
11AC80SISO	Ant1	5210	80.000	5170.160	5250.160	---	---
11AX20SISO	Ant1	5180	24.960	5167.320	5192.280	---	---
		5200	25.760	5187.400	5213.160	---	---
		5240	20.200	5229.840	5250.040	---	---
11AX40SISO	Ant1	5190	39.600	5170.400	5210.000	---	---
		5230	40.000	5210.160	5250.160	---	---
11AX80SISO	Ant1	5210	79.680	5170.320	5250.000	---	---

## Test Graphs



11A\_Ant1\_5180



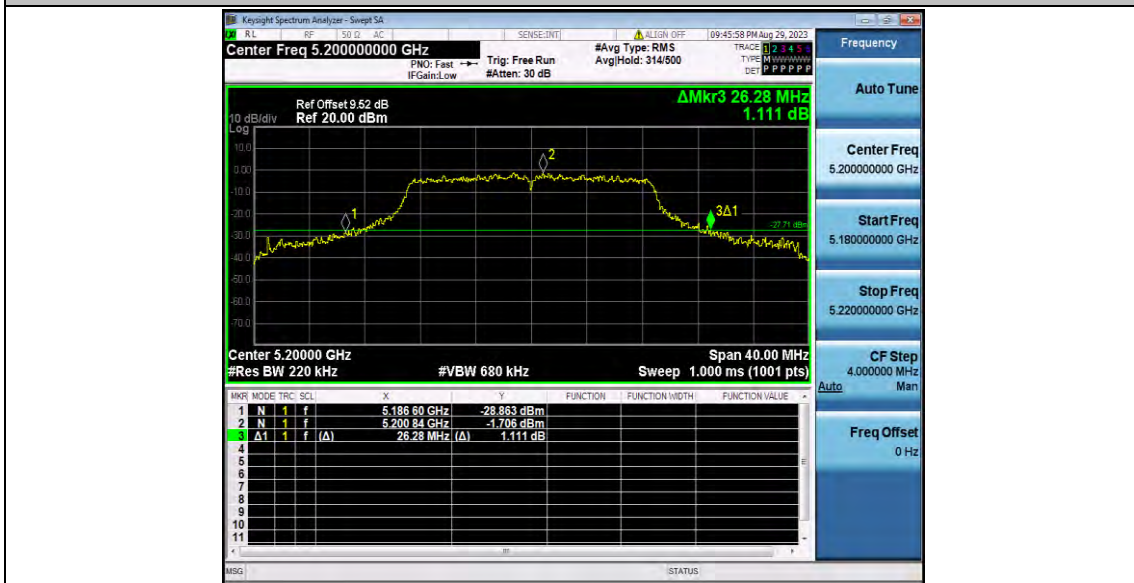
11A\_Ant1\_5200



11A\_Ant1\_5240



11N20SISO\_Ant1\_5180



11N20SISO\_Ant1\_5200



11N20SISO\_Ant1\_5240



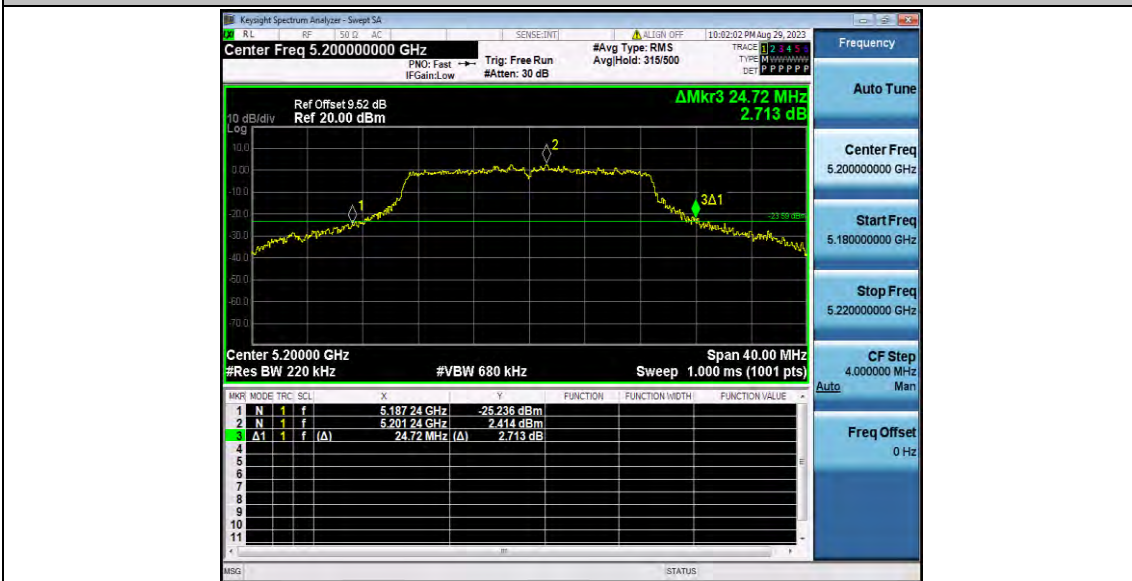
11N40SISO\_Ant1\_5190



11N40SISO\_Ant1\_5230



11AC20SISO\_Ant1\_5180



11AC20SISO\_Ant1\_5200



11AC20SISO\_Ant1\_5240



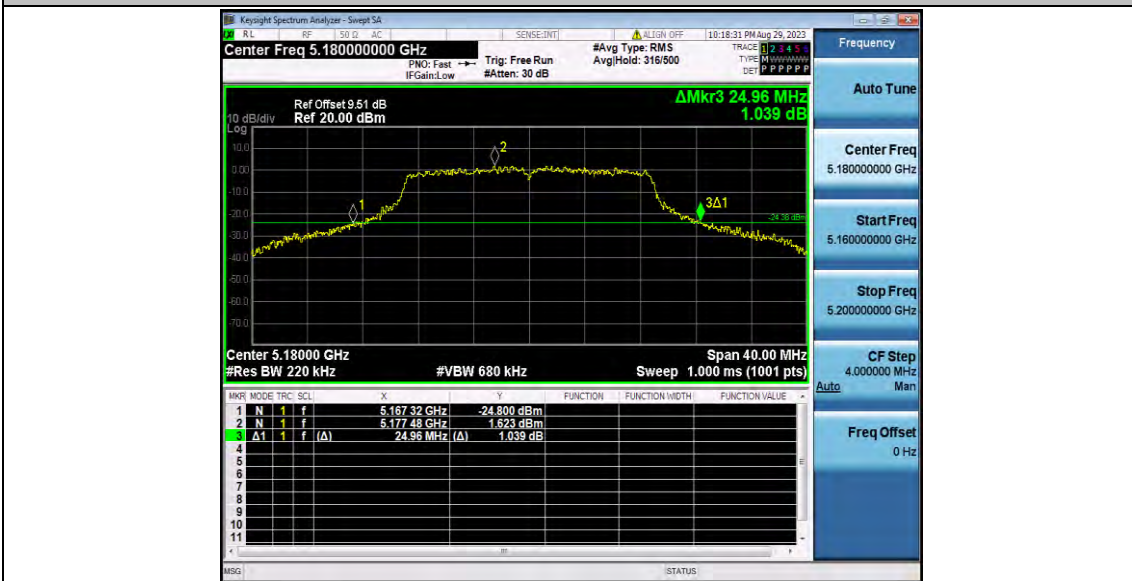
11AC40SISO\_Ant1\_5190



11AC40SISO\_Ant1\_5230



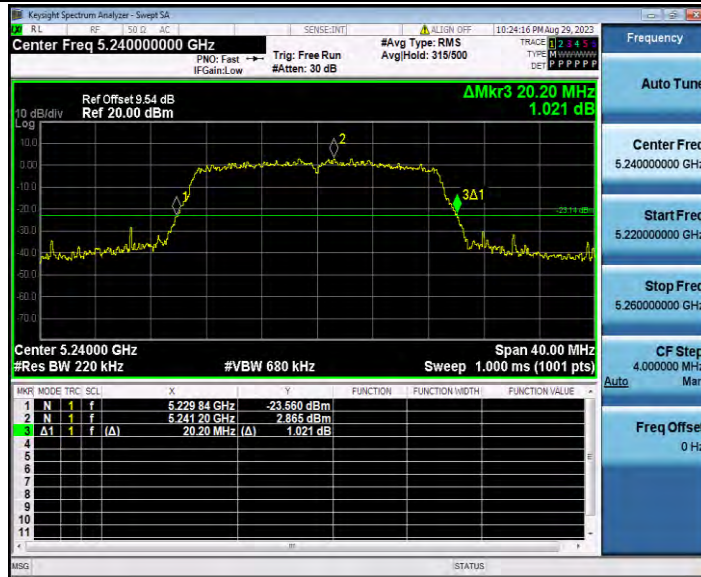
11AC80SISO\_Ant1\_5210



11AX20SISO\_Ant1\_5180



11AX20SISO\_Ant1\_5200



11AX20SISO\_Ant1\_5240





11AX40SISO\_Ant1\_5190



11AX40SISO\_Ant1\_5230



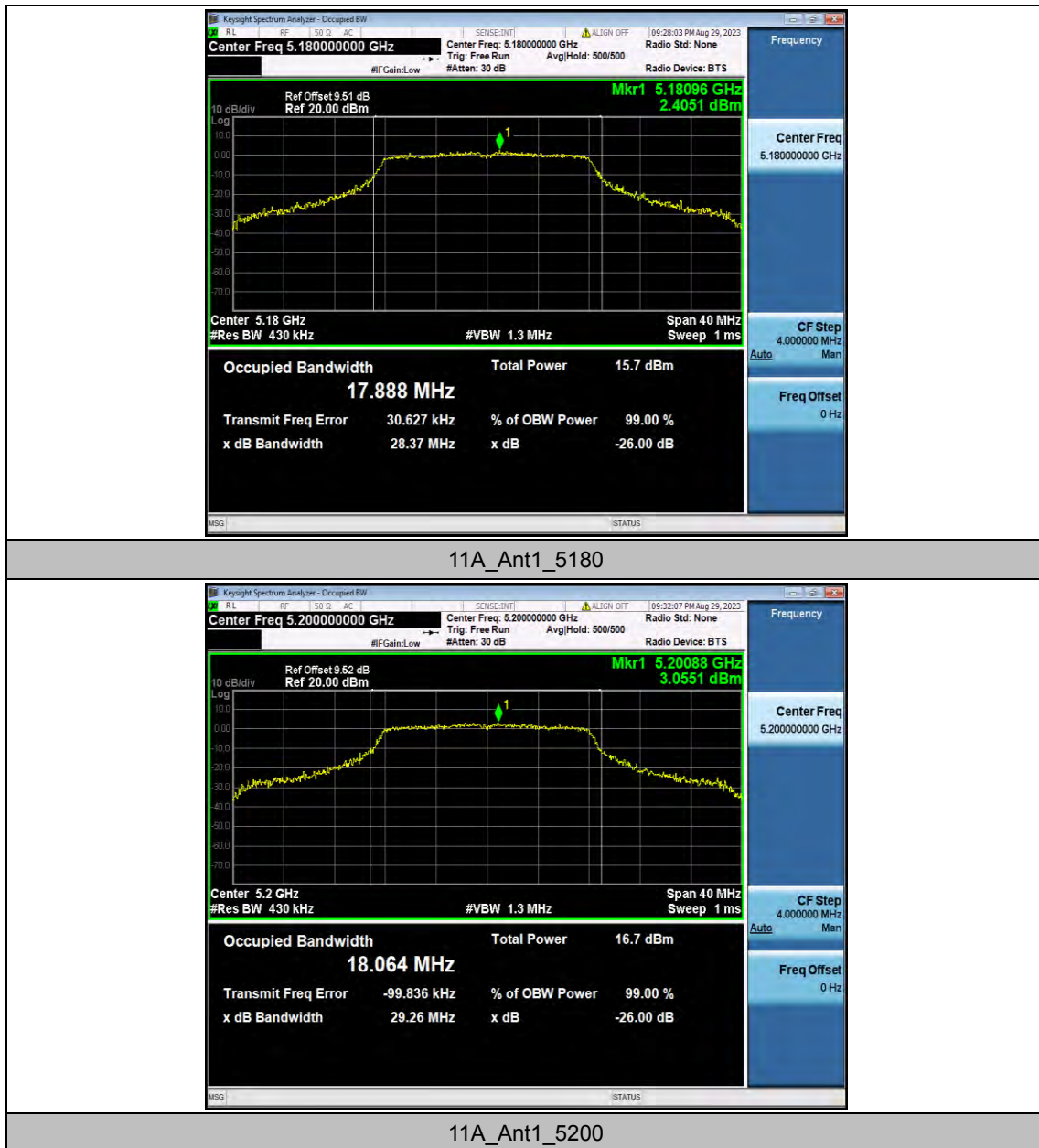
11AX80SISO\_Ant1\_5210

## Appendix D.2: Occupied channel bandwidth

### Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.888	5171.087	5188.975	---	---
		5200	18.064	5190.868	5208.932	---	---
		5240	16.851	5231.516	5248.367	---	---
11N20SISO	Ant1	5180	19.014	5170.523	5189.537	---	---
		5200	18.930	5190.476	5209.406	---	---
		5240	17.844	5231.060	5248.904	---	---
11N40SISO	Ant1	5190	35.930	5172.045	5207.975	---	---
		5230	36.005	5212.016	5248.021	---	---
11AC20SISO	Ant1	5180	19.049	5170.508	5189.557	---	---
		5200	19.103	5190.431	5209.534	---	---
		5240	17.905	5230.991	5248.896	---	---
11AC40SISO	Ant1	5190	36.014	5172.053	5208.067	---	---
		5230	35.956	5212.060	5248.016	---	---
11AC80SISO	Ant1	5210	75.021	5172.664	5247.685	---	---
11AX20SISO	Ant1	5180	18.980	5170.507	5189.487	---	---
		5200	19.000	5190.449	5209.449	---	---
		5240	17.880	5230.996	5248.876	---	---
11AX40SISO	Ant1	5190	35.970	5172.074	5208.044	---	---
		5230	35.965	5212.060	5248.025	---	---
11AX80SISO	Ant1	5210	75.057	5172.677	5247.734	---	---

## Test Graphs





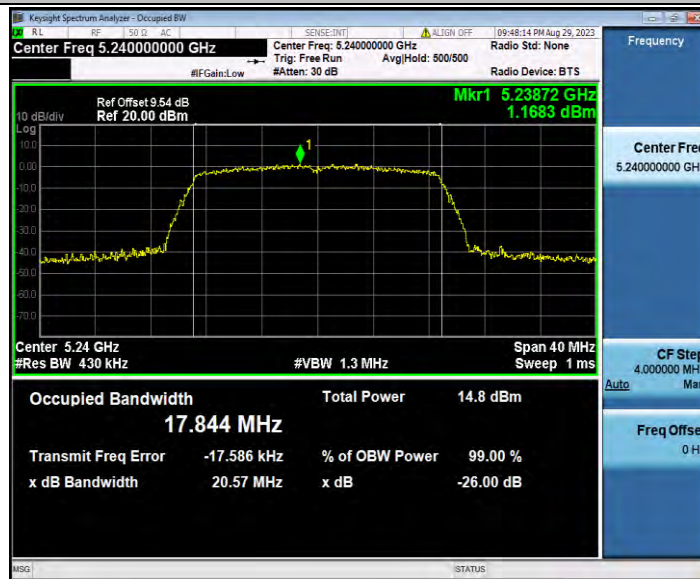
11A\_Ant1\_5240



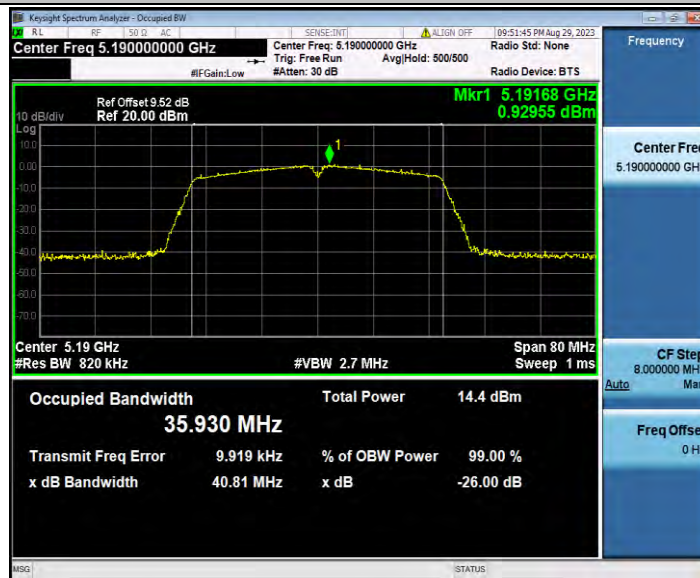
11N20SISO\_Ant1\_5180



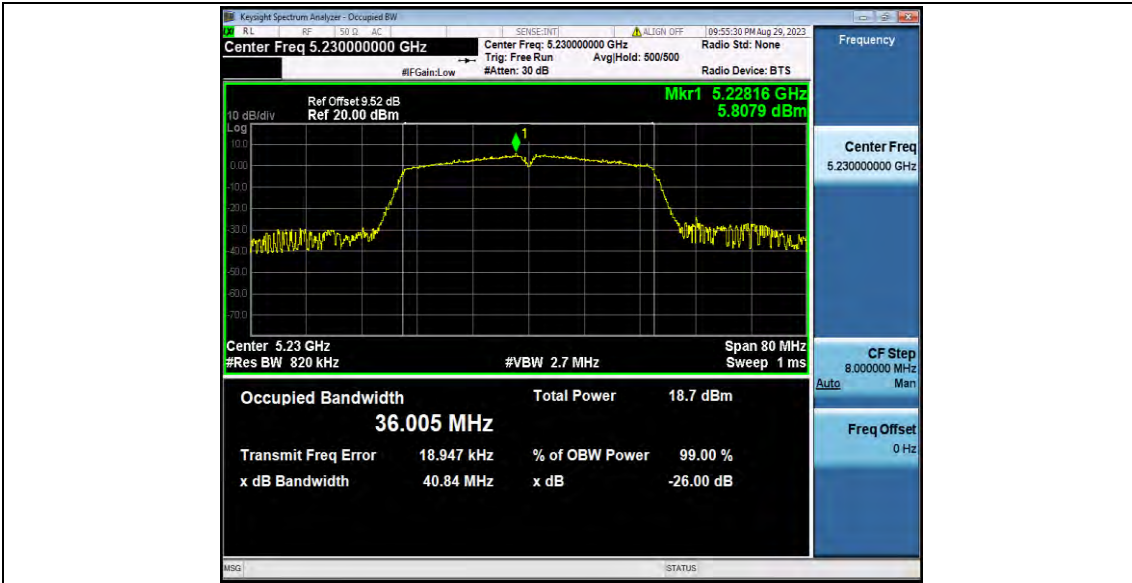
11N20SISO\_Ant1\_5200



11N20SISO\_Ant1\_5240



11N40SISO\_Ant1\_5190



11N40SISO\_Ant1\_5230



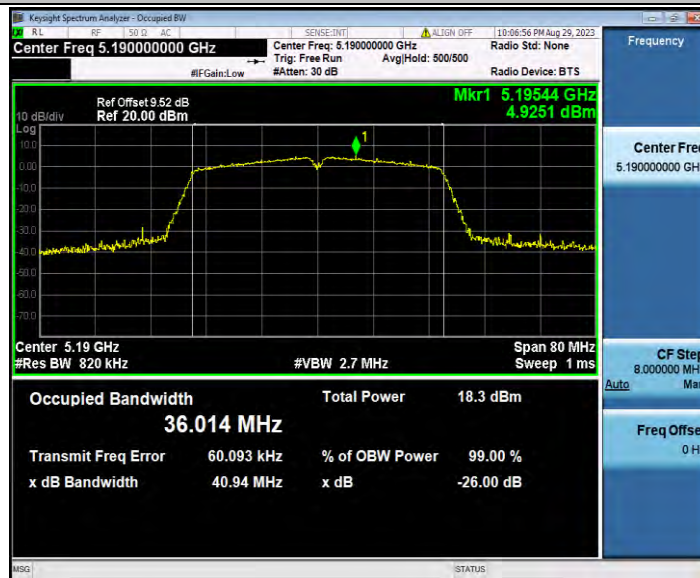
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11AC20SISO\_Ant1\_5200



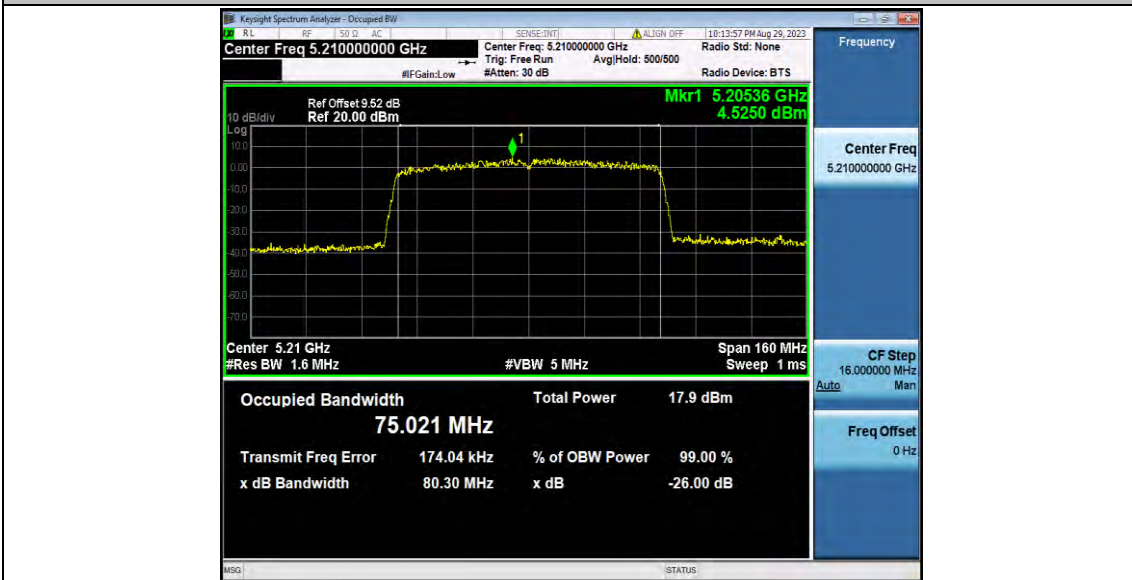
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11AC40SISO\_Ant1\_5190



11AC40SISO\_Ant1\_5230



11AC80SISO\_Ant1\_5210

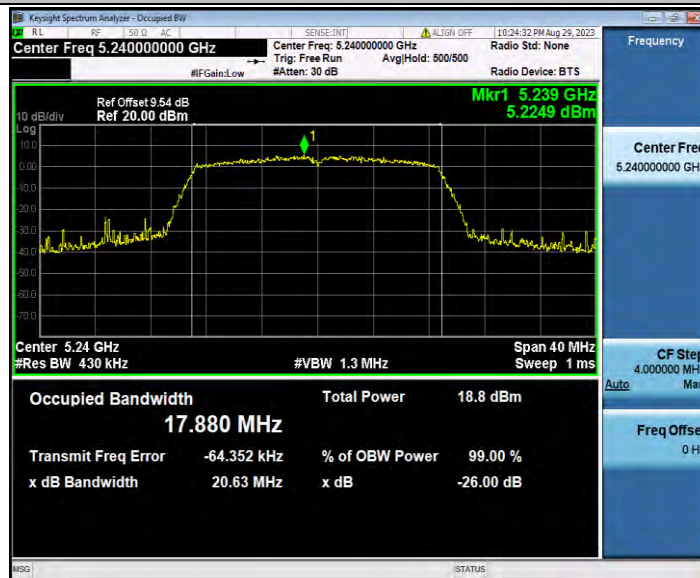




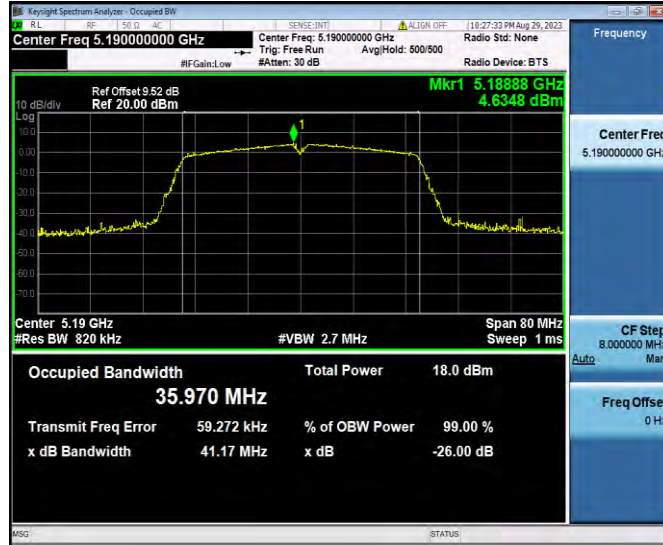
11AX20SISO\_Ant1\_5180



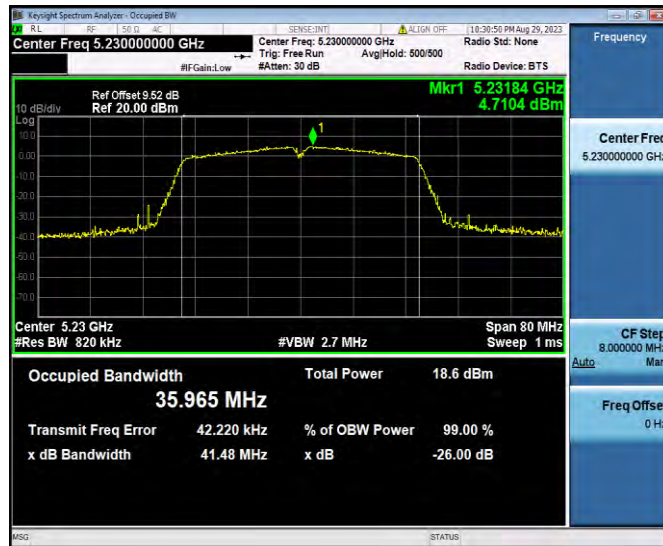
11AX20SISO\_Ant1\_5200



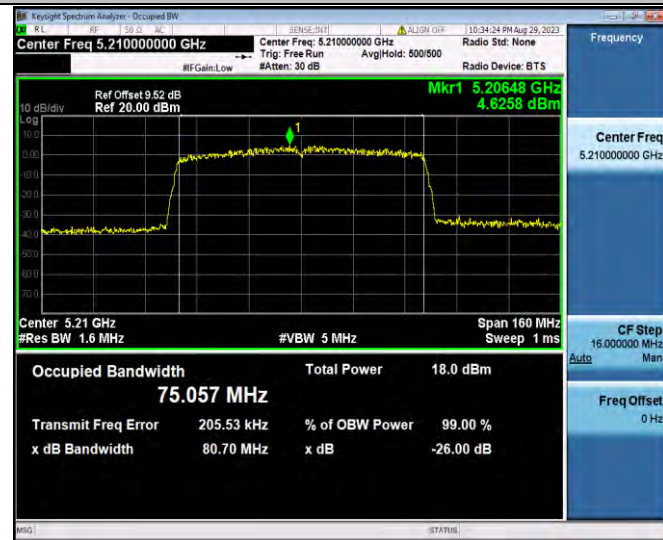
11AX20SISO\_Ant1\_5240



11AX40SISO\_Ant1\_5190



11AX40SISO\_Ant1\_5230



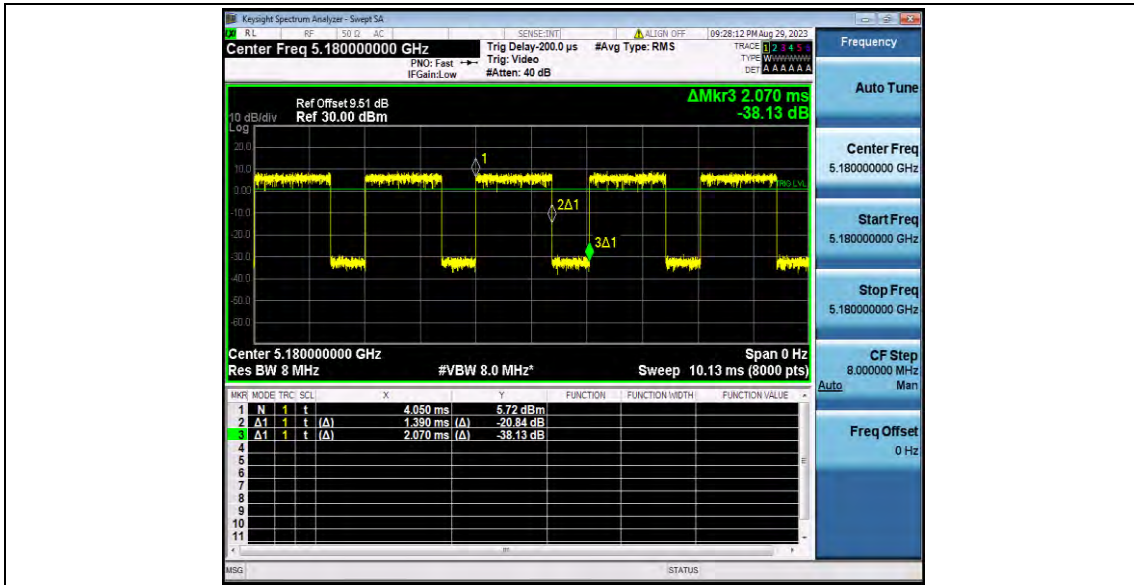
11AX80SISO\_Ant1\_5210

## Appendix D.3: Duty Cycle

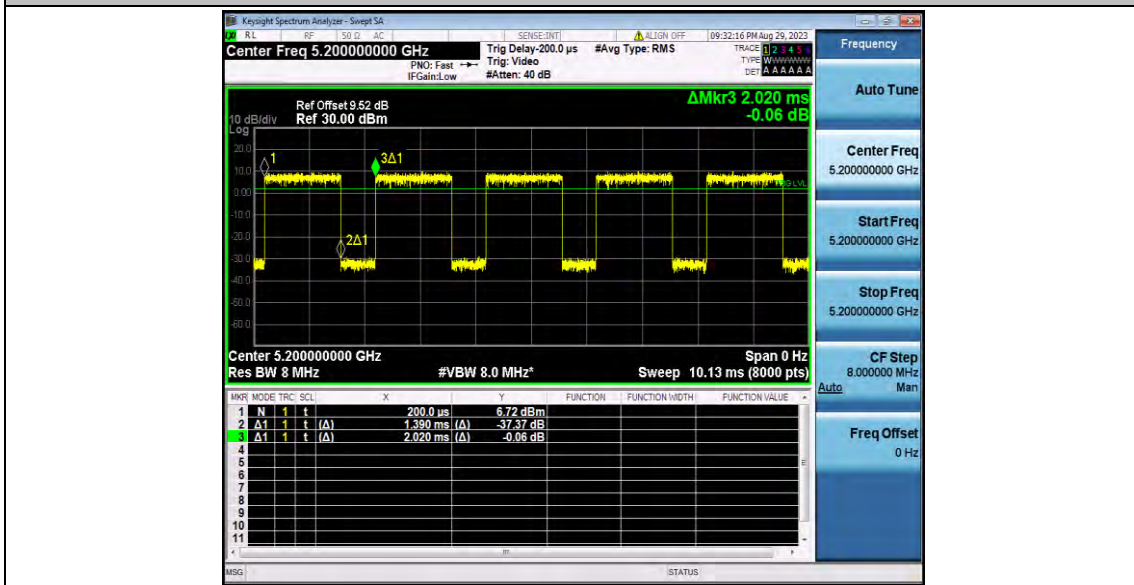
### Test Result

Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5180	1.39	2.07	67.15
		5200	1.39	2.02	68.81
		5240	1.40	2.03	68.97
11N20SISO	Ant1	5180	1.30	1.95	66.67
		5200	1.30	1.93	67.36
		5240	1.30	1.93	67.36
11N40SISO	Ant1	5190	0.65	1.29	50.39
		5230	0.65	1.29	50.39
11AC20SISO	Ant1	5180	1.31	1.97	66.50
		5200	1.31	1.96	66.84
		5240	1.32	1.97	67.01
11AC40SISO	Ant1	5190	0.65	1.29	50.39
		5230	0.66	1.29	51.16
11AC80SISO	Ant1	5210	0.33	0.96	34.38
11AX20SISO	Ant1	5180	1.31	1.96	66.84
		5200	1.32	1.96	67.35
		5240	1.31	1.96	66.84
11AX40SISO	Ant1	5190	0.65	1.29	50.39
		5230	0.65	1.29	50.39
11AX80SISO	Ant1	5210	0.33	0.96	34.38

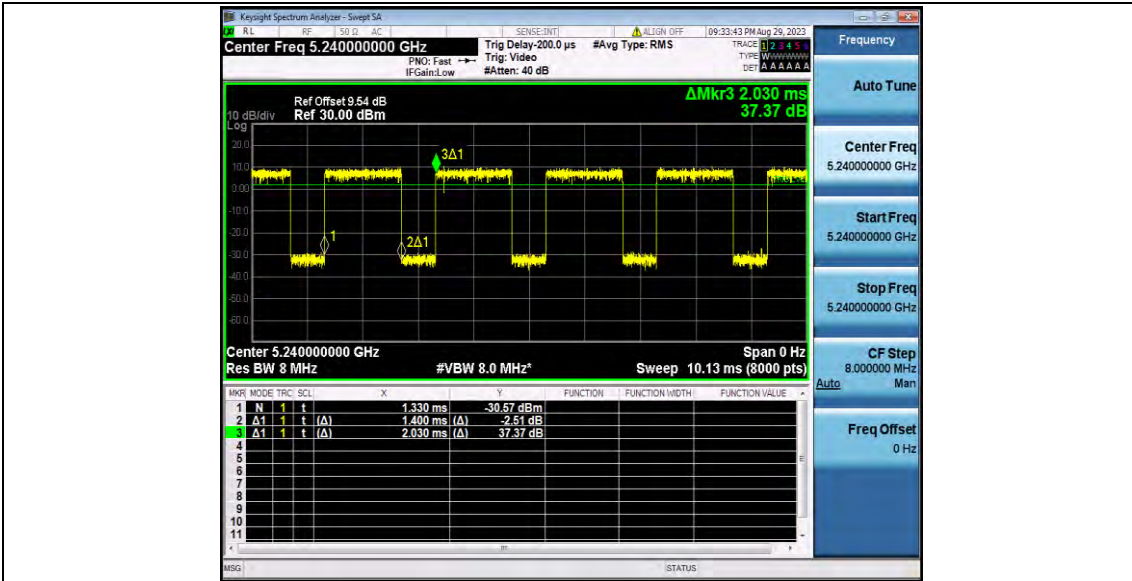
## Test Graphs



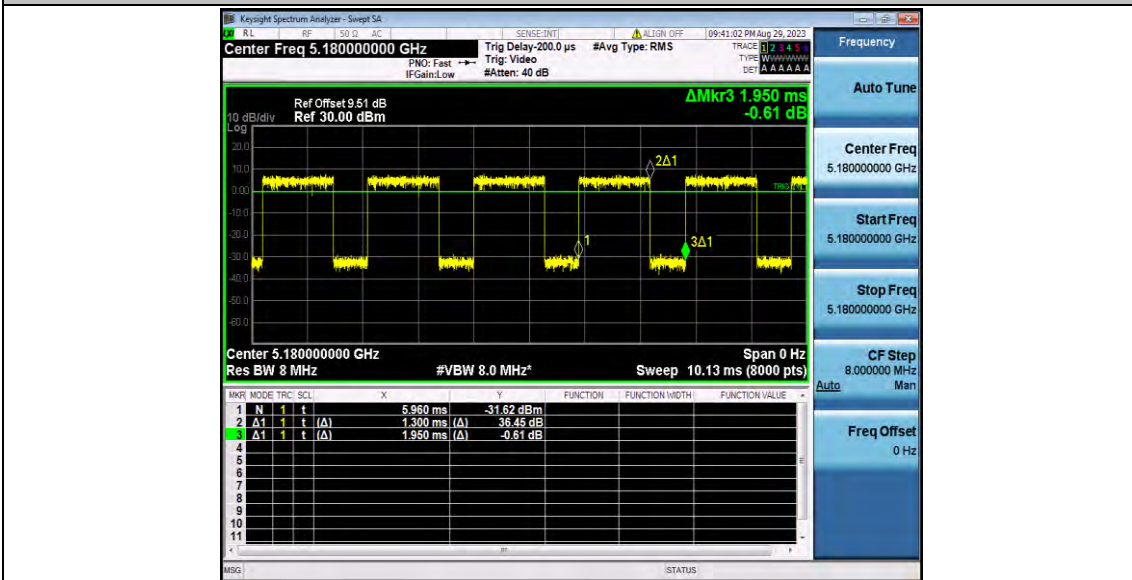
11A\_Ant1\_5180



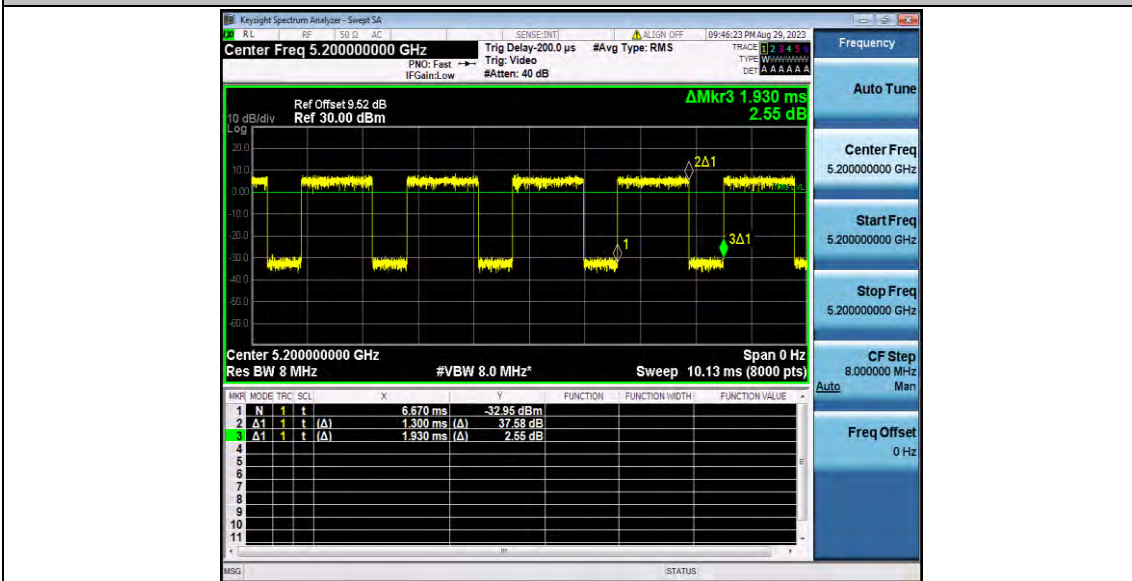
11A\_Ant1\_5200



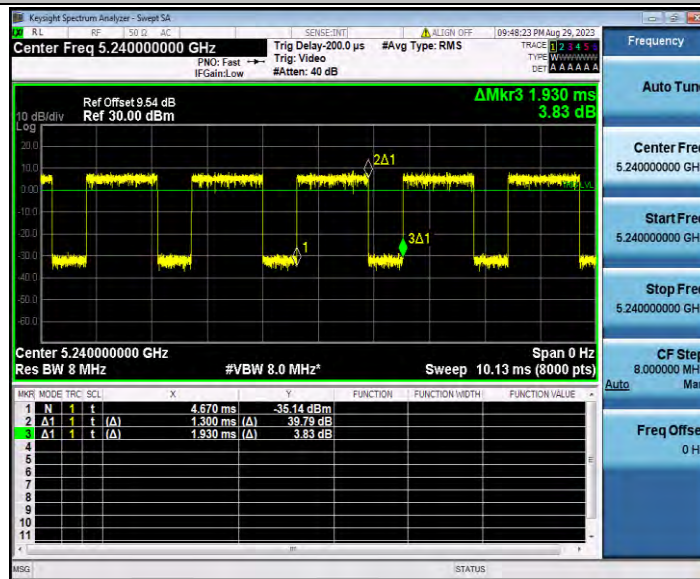
11A\_Ant1\_5240



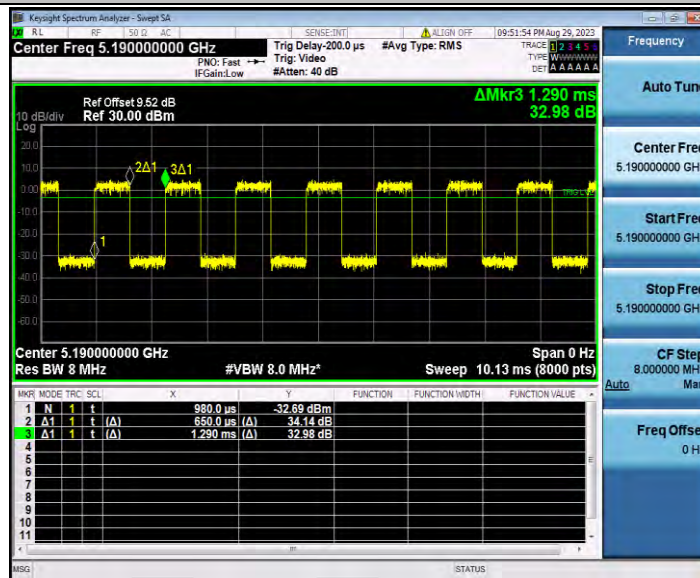
11N20SISO\_Ant1\_5180



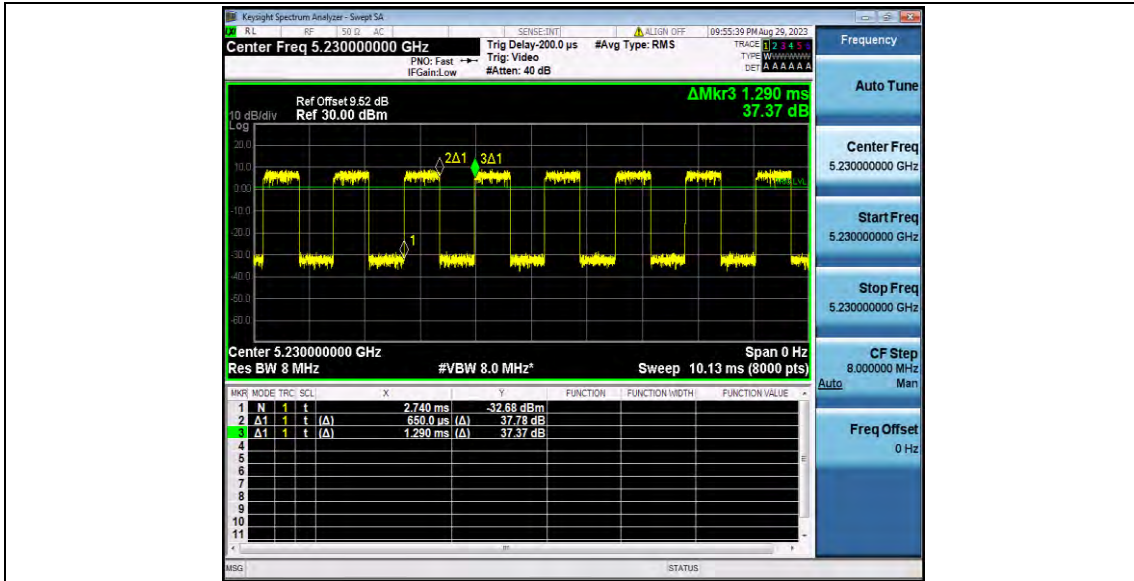
11N20SISO\_Ant1\_5200



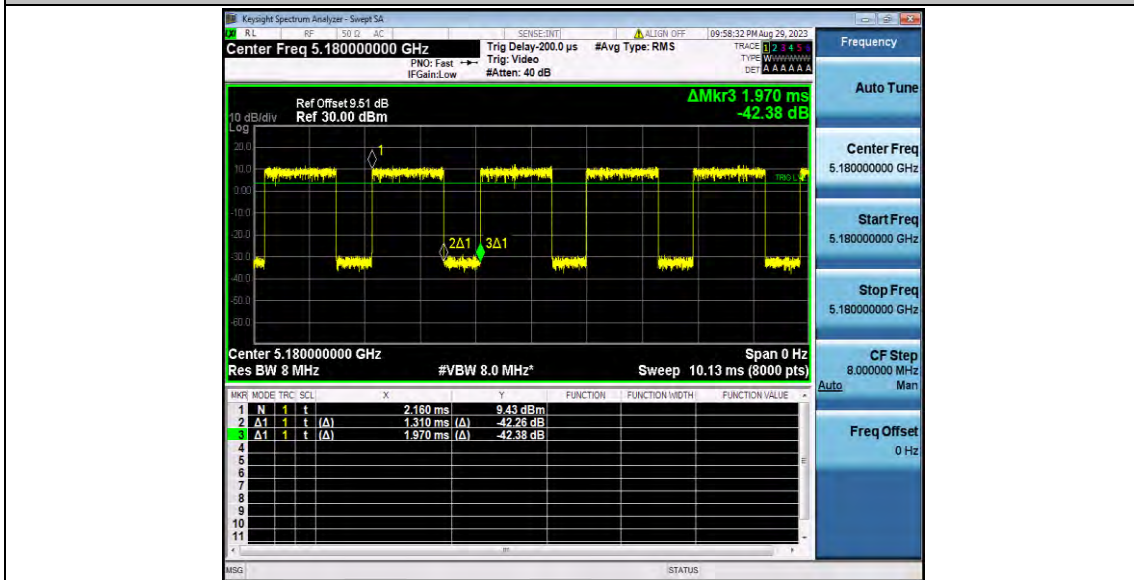
11N20SISO\_Ant1\_5240



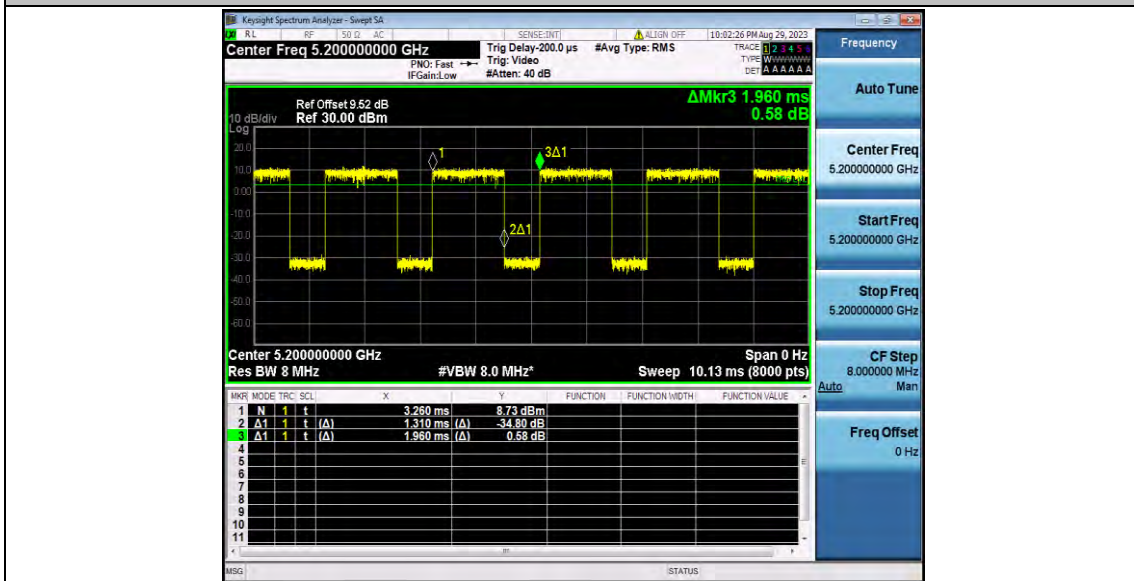
11N40SISO\_Ant1\_5190



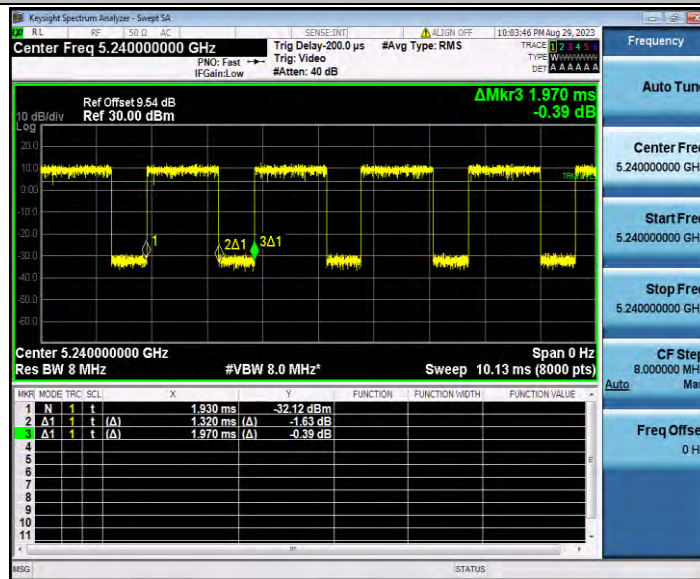
11N40SISO\_Ant1\_5230



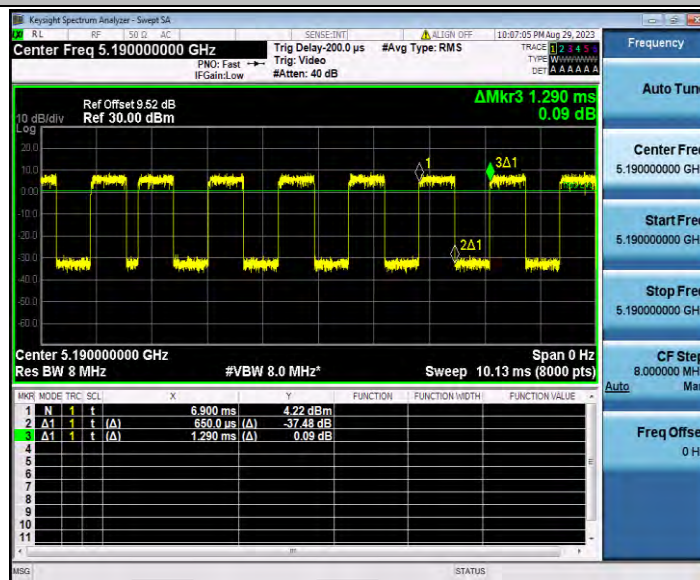
11AC20SISO\_Ant1\_5180



11AC20SISO\_Ant1\_5200

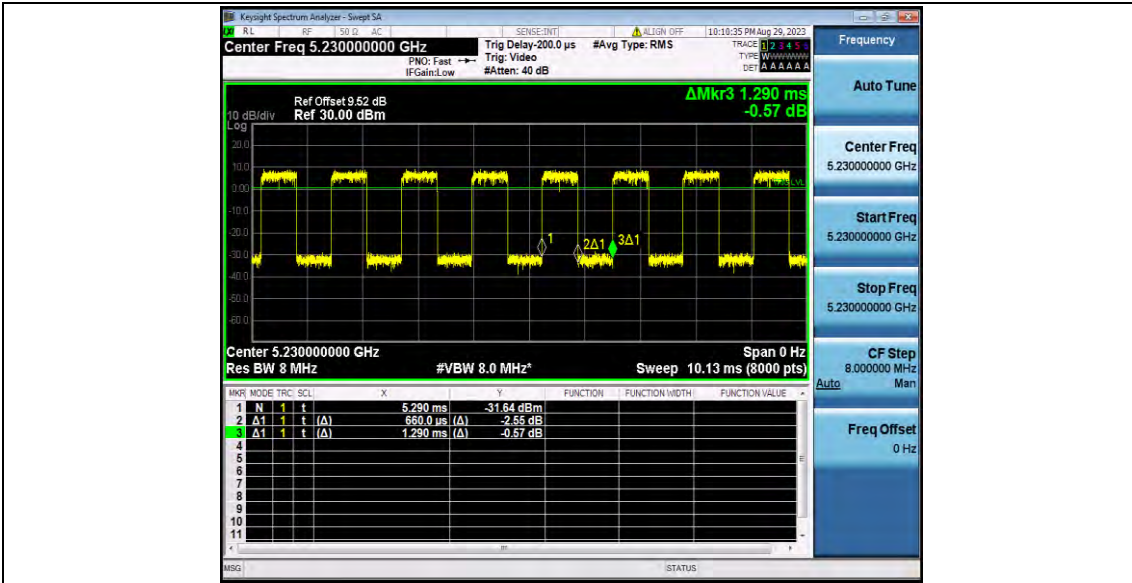


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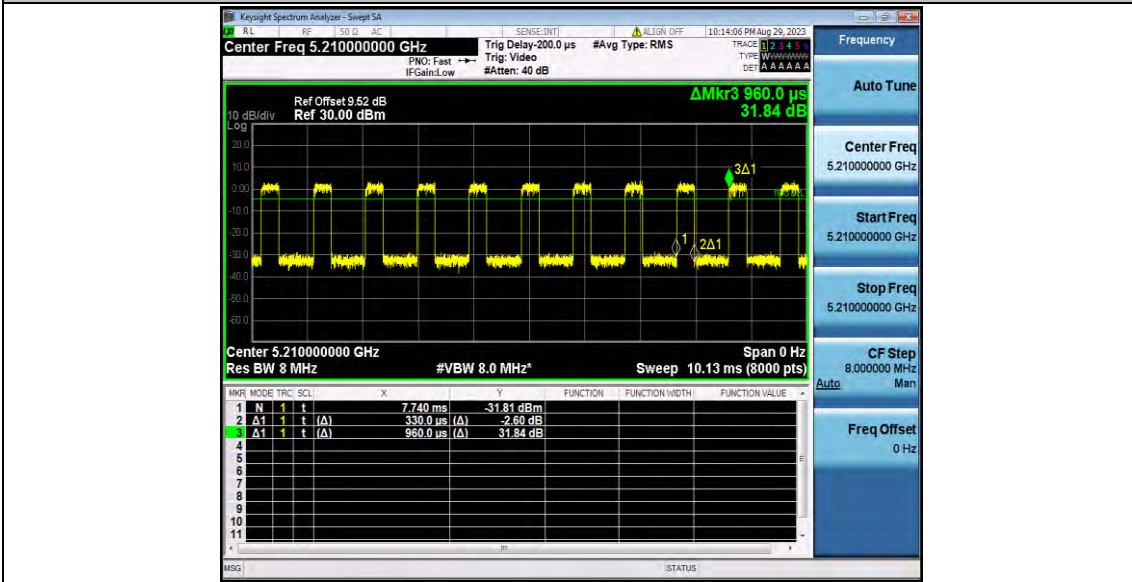


11AC40SISO\_Ant1\_5190

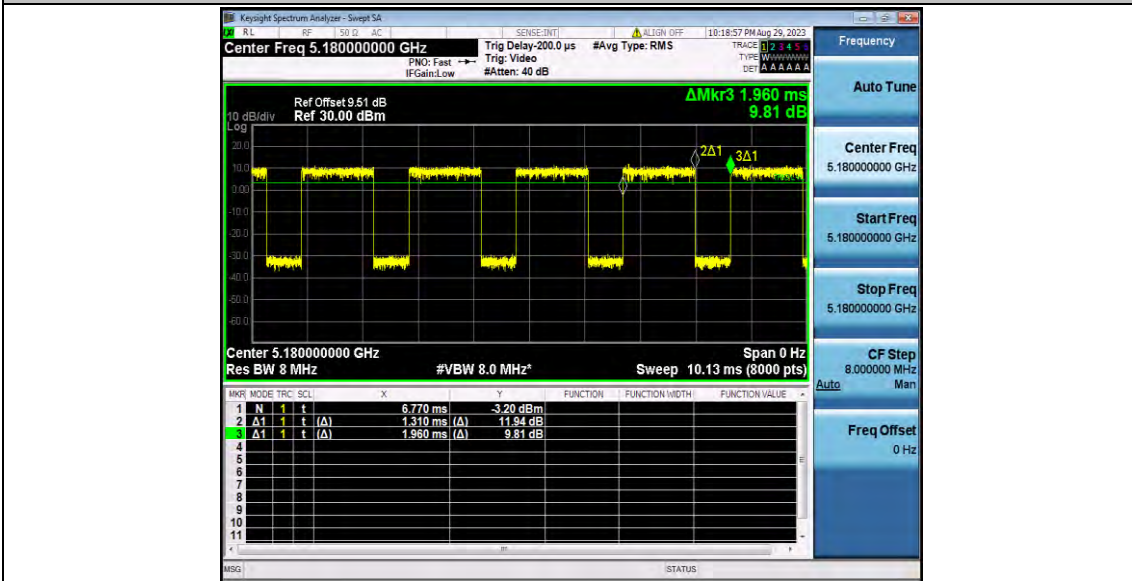




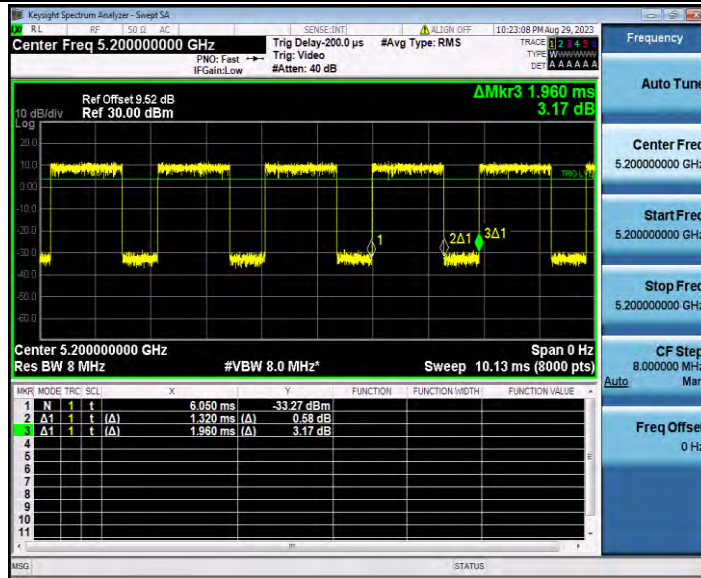
11AC40SISO\_Ant1\_5230



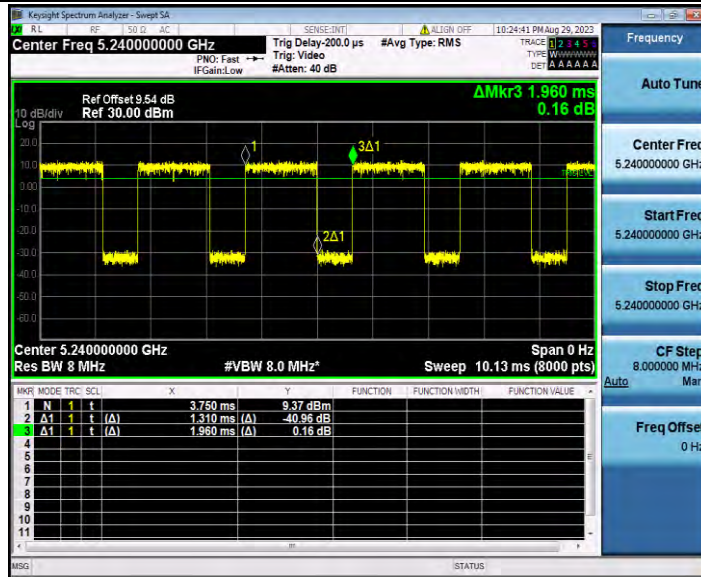
11AC80SISO\_Ant1\_5210



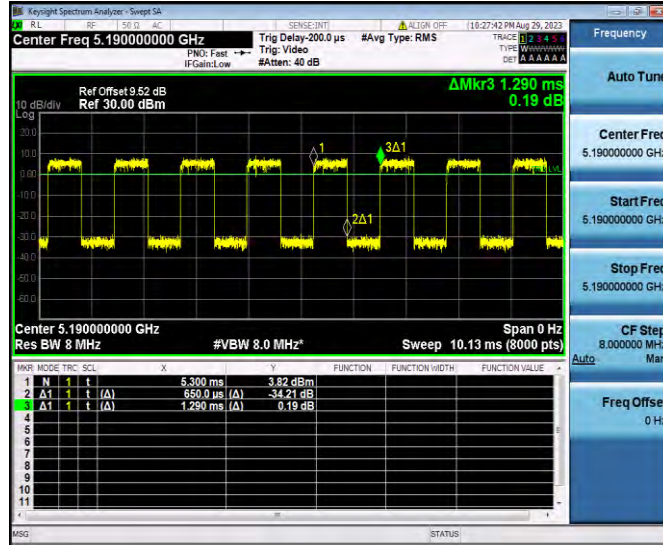
11AX20SISO\_Ant1\_5180



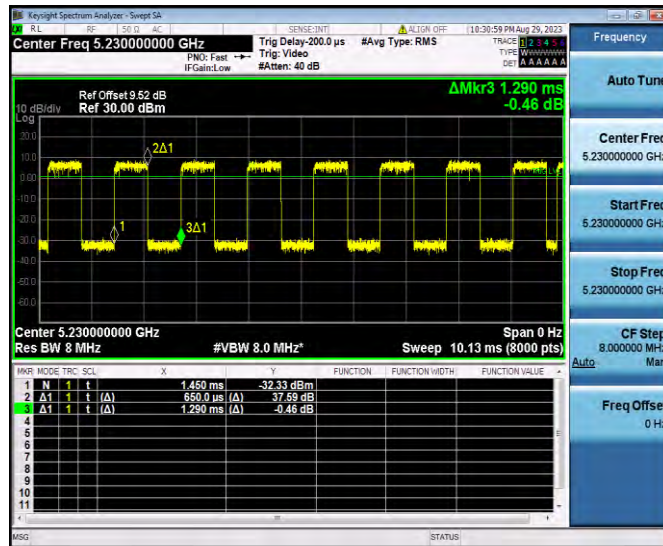
11AX20SISO\_Ant1\_5200



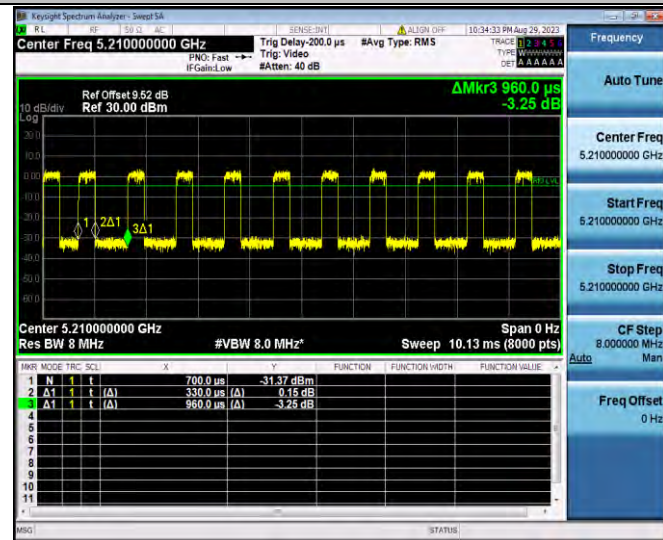
11AX20SISO\_Ant1\_5240



11AX40SISO\_Ant1\_5190



11AX40SISO\_Ant1\_5230



11AX80SISO\_Ant1\_5210