

<b>Case No. :</b> <u>GTS20231018011-1-41</u>
<b>Ambient Condition:</b> <u>23 °C, 48 %RH, Atmos100.1Kpa,</u>
<b>Test Date:</b> <u>2023.12.18</u> <b>Test Engineer:</b> <u>Evan ouyang</u>

## Appendix D.1: Emission Bandwidth

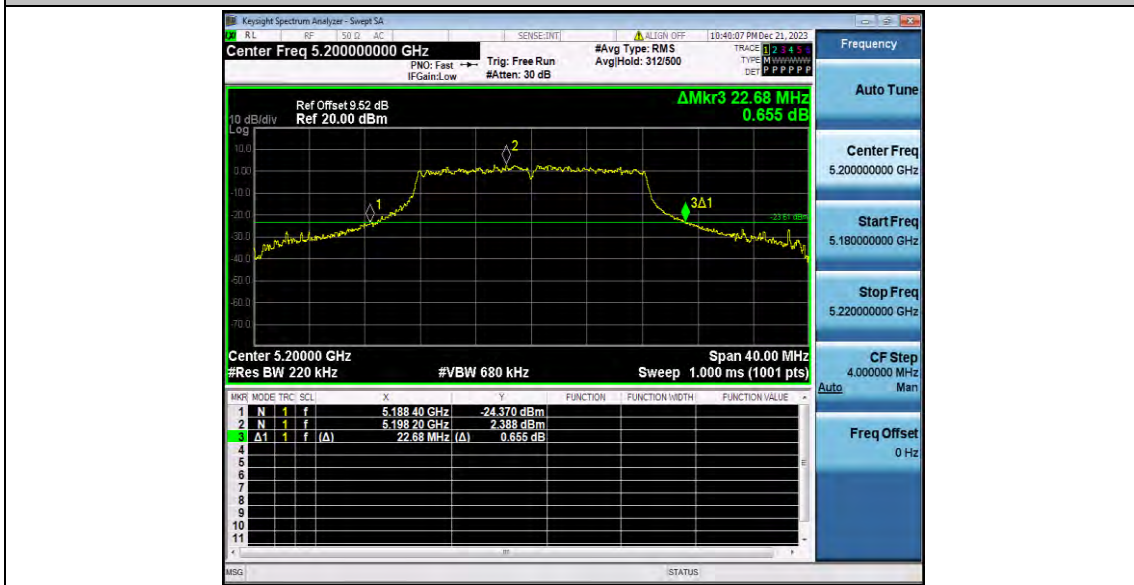
### Test Result

Test Mode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant0	5180	22.600	5168.440	5191.040	---	---
		5200	22.680	5188.400	5211.080	---	---
		5240	19.520	5230.280	5249.800	---	---
11N20SISO	Ant0	5180	22.640	5168.560	5191.200	---	---
		5200	22.640	5188.840	5211.480	---	---
		5240	19.440	5230.280	5249.720	---	---
11N40SISO	Ant0	5190	39.840	5170.240	5210.080	---	---
		5230	39.680	5210.320	5250.000	---	---
11AC20SISO	Ant0	5180	22.880	5168.880	5191.760	---	---
		5200	23.120	5188.600	5211.720	---	---
		5240	20.040	5230.040	5250.080	---	---
11AC40SISO	Ant0	5190	39.200	5170.480	5209.680	---	---
		5230	39.280	5210.400	5249.680	---	---
11AC80SISO	Ant0	5210	79.840	5170.160	5250.000	---	---
11AX20SISO	Ant0	5180	26.120	5166.520	5192.640	---	---
		5200	23.960	5188.520	5212.480	---	---
		5240	19.880	5230.080	5249.960	---	---
11AX40SISO	Ant0	5190	39.680	5170.240	5209.920	---	---
		5230	39.760	5210.080	5249.840	---	---
11AX80SISO	Ant0	5210	80.480	5169.840	5250.320	---	---

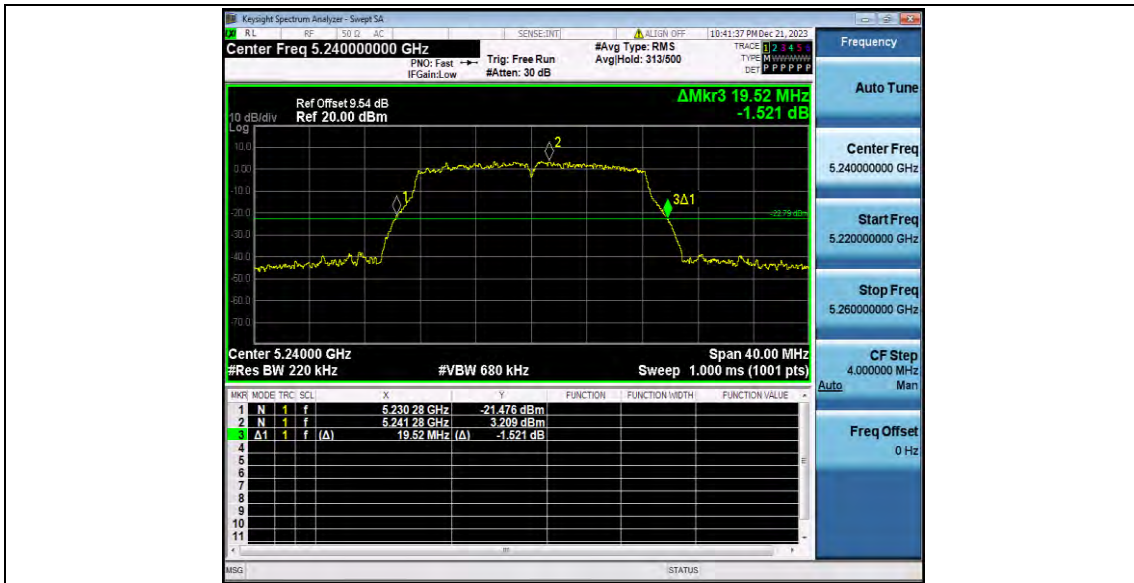
## Test Graphs



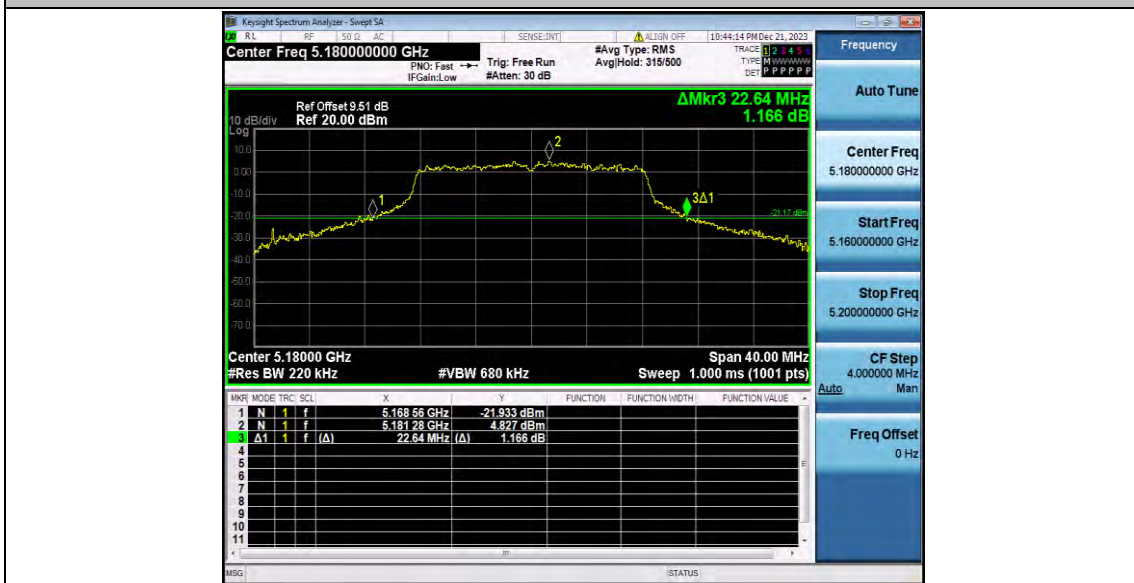
11A\_Ant0\_5180



11A\_Ant0\_5200



11A\_Ant0\_5240



11N20SISO\_Ant0\_5180



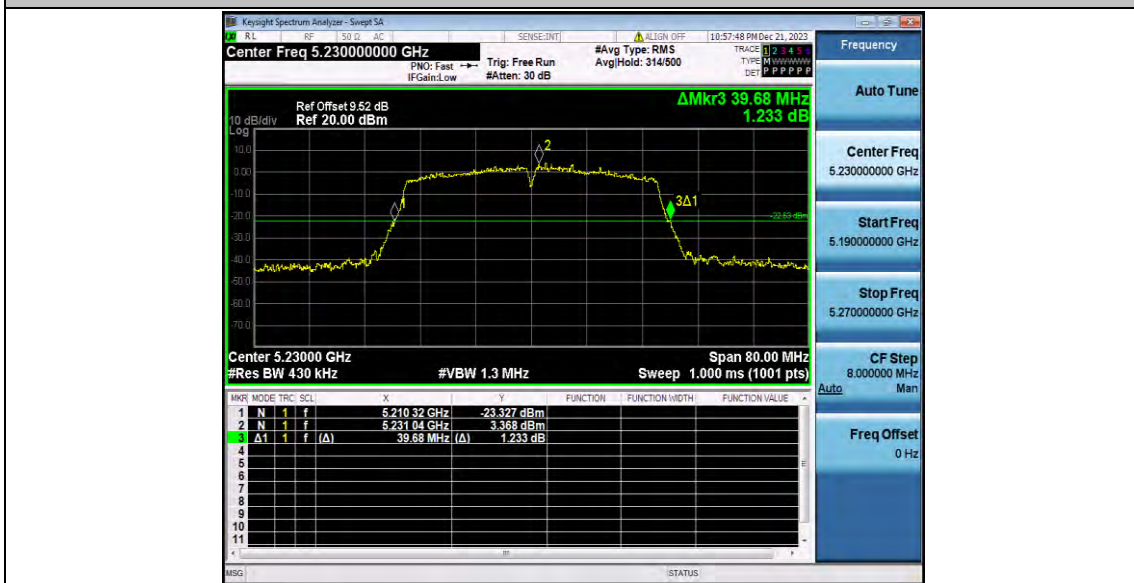
11N20SISO\_Ant0\_5200



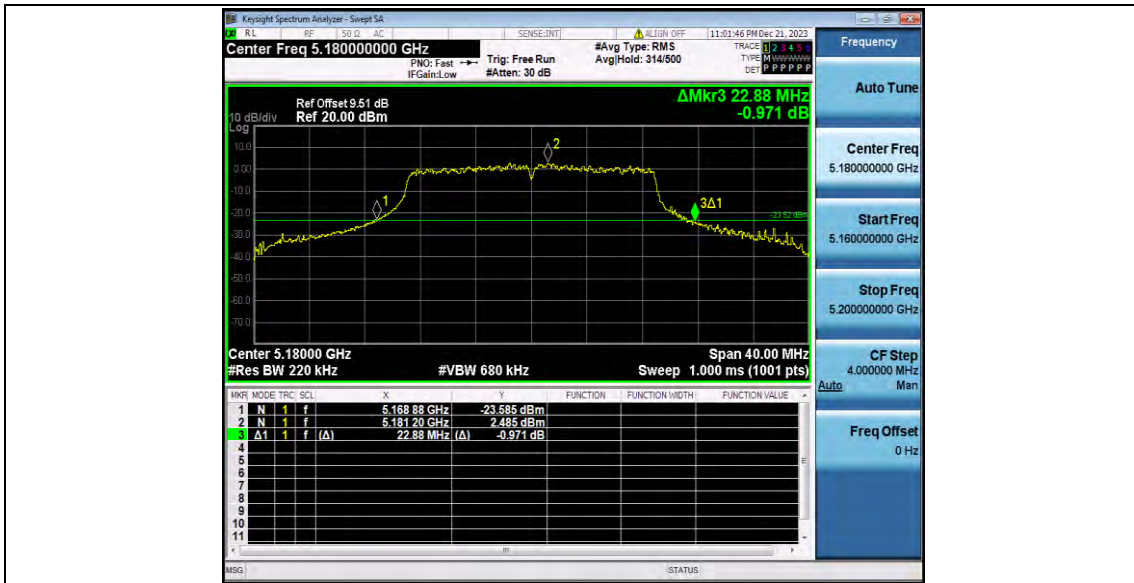
11N20SISO\_Ant0\_5240



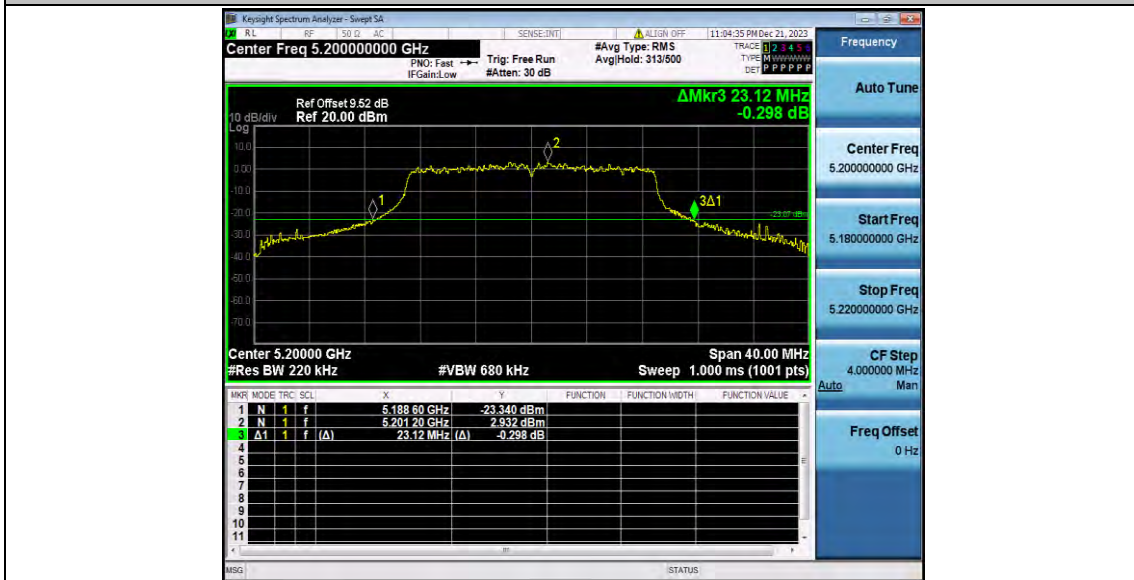
11N40SISO\_Ant0\_5190



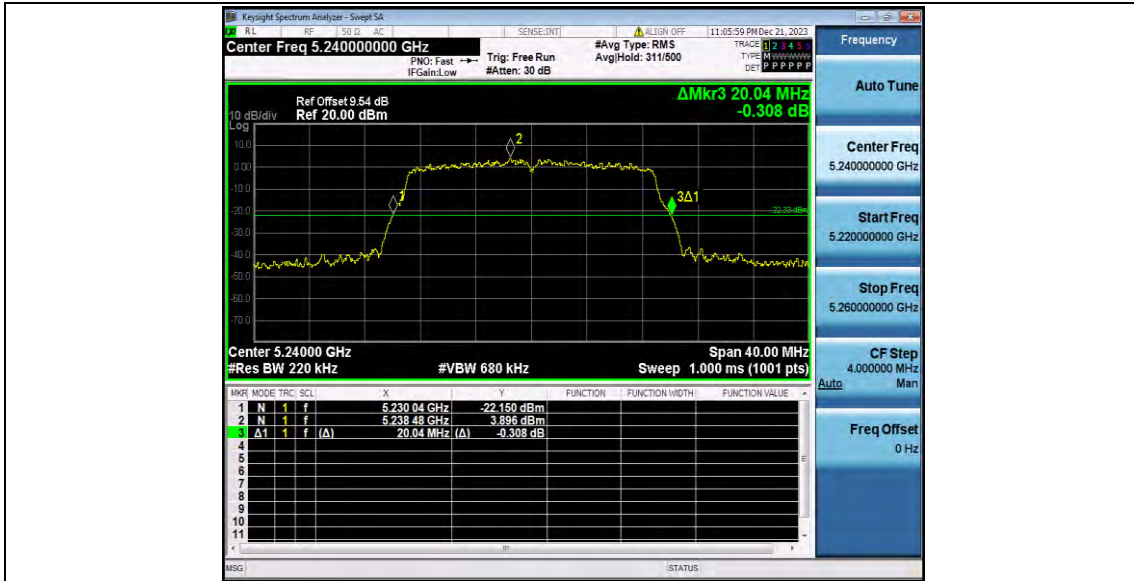
11N40SISO\_Ant0\_5230



11AC20SISO\_Ant0\_5180



11AC20SISO\_Ant0\_5200



11AC20SISO\_Ant0\_5240



11AC40SISO\_Ant0\_5190

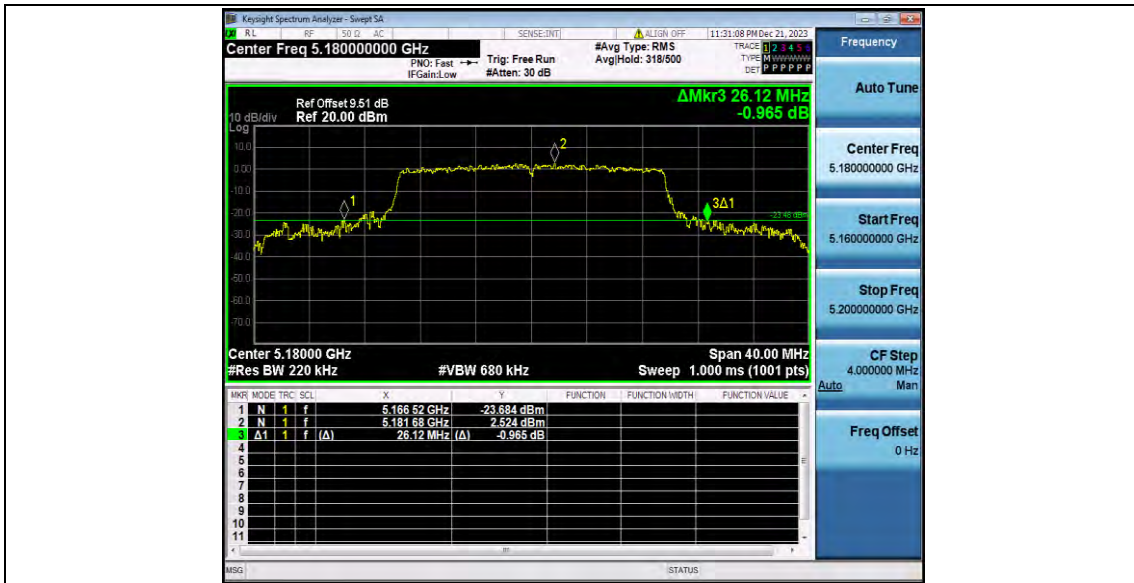


11AC40SISO\_Ant0\_5230



11AC80SISO\_Ant0\_5210

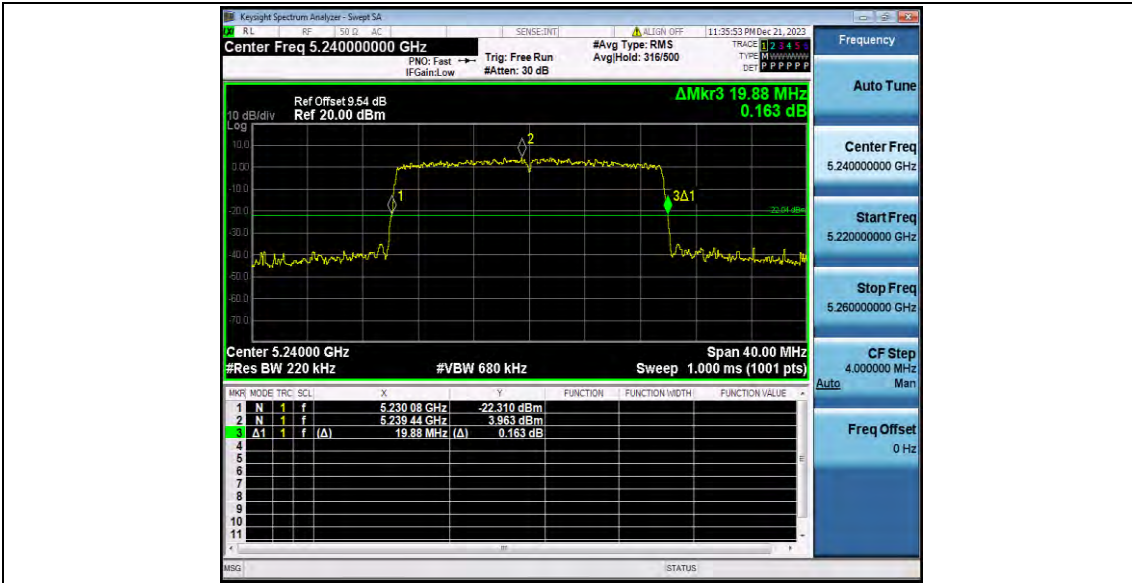




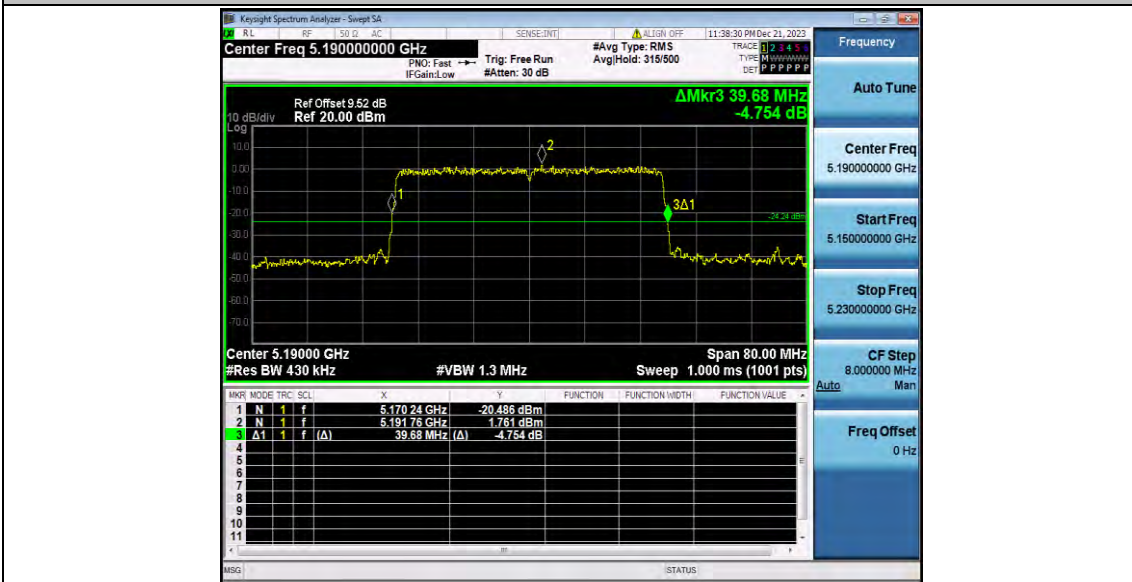
11AX20SISO\_Ant0\_5180



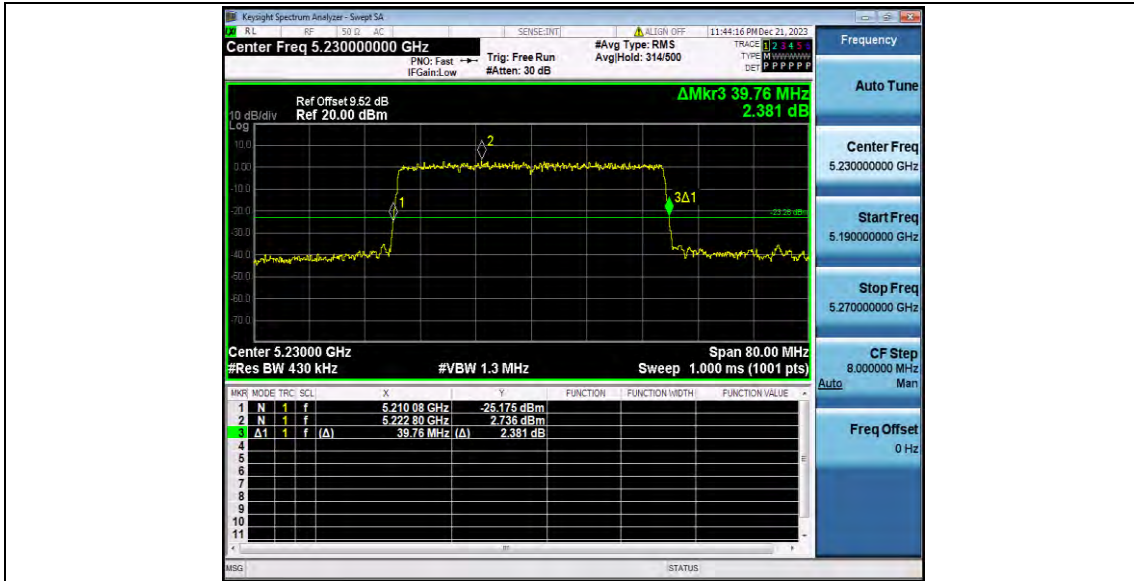
11AX20SISO\_Ant0\_5200



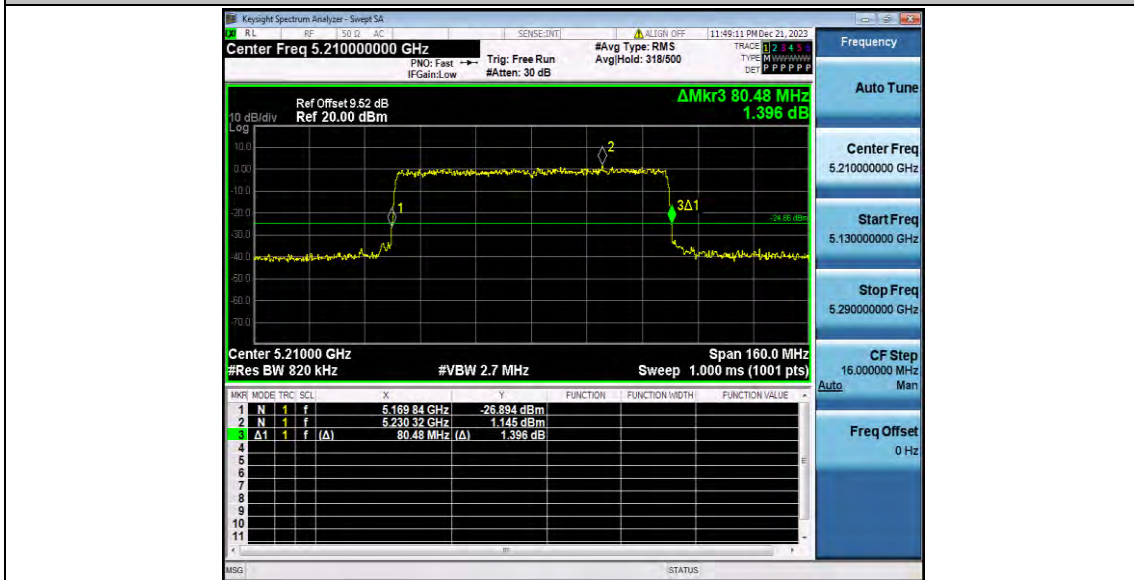
11AX20SISO\_Ant0\_5240



11AX40SISO\_Ant0\_5190



11AX40SISO\_Ant0\_5230



11AX80SISO\_Ant0\_5210

## Appendix D.2: Occupied channel bandwidth

### Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant0	5180	17.332	5171.285	5188.617	---	---
		5200	17.323	5191.332	5208.655	---	---
		5240	16.726	5231.644	5248.370	---	---
11N20SISO	Ant0	5180	17.495	5171.273	5188.768	---	---
		5200	17.511	5191.304	5208.815	---	---
		5240	16.760	5231.633	5248.393	---	---
11N40SISO	Ant0	5190	35.955	5172.140	5208.095	---	---
		5230	35.875	5212.131	5248.006	---	---
11AC20SISO	Ant0	5180	18.225	5170.898	5189.123	---	---
		5200	18.252	5190.861	5209.113	---	---
		5240	17.771	5231.125	5248.896	---	---
11AC40SISO	Ant0	5190	35.935	5172.118	5208.053	---	---
		5230	35.932	5212.112	5248.044	---	---
11AC80SISO	Ant0	5210	75.324	5172.507	5247.831	---	---
11AX20SISO	Ant0	5180	19.340	5170.375	5189.715	---	---
		5200	19.299	5190.380	5209.679	---	---
		5240	18.898	5230.575	5249.473	---	---
11AX40SISO	Ant0	5190	37.939	5171.078	5209.017	---	---
		5230	37.852	5211.089	5248.941	---	---
11AX80SISO	Ant0	5210	77.552	5171.359	5248.911	---	---

## Test Graphs



11A\_Ant0\_5180



11A\_Ant0\_5200



11A\_Ant0\_5240



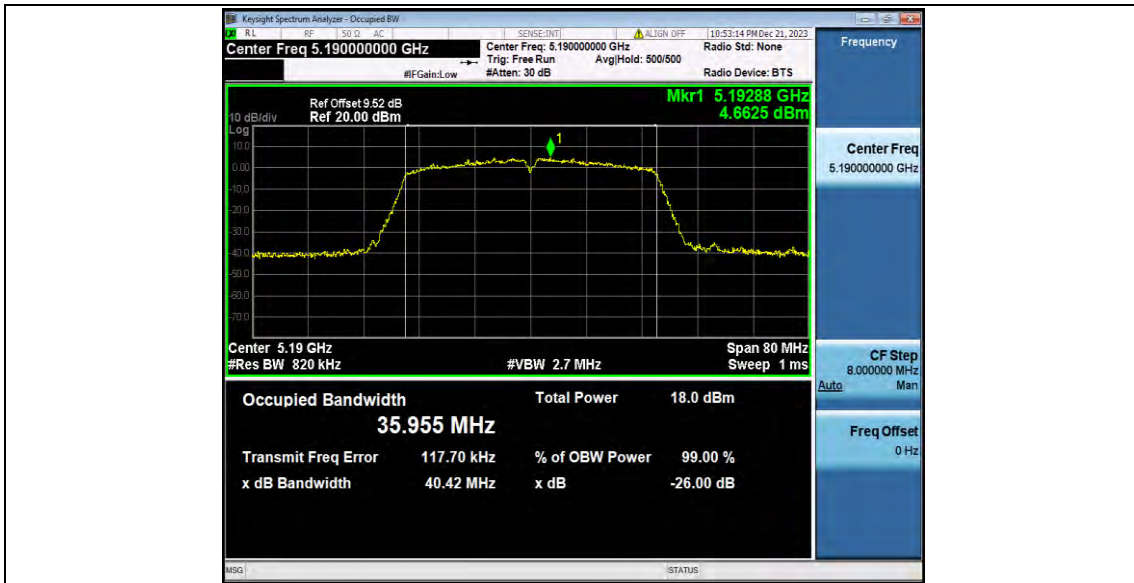
11N20SISO\_Ant0\_5180



11N20SISO\_Ant0\_5200



11N20SISO\_Ant0\_5240



11N40SISO\_Ant0\_5190

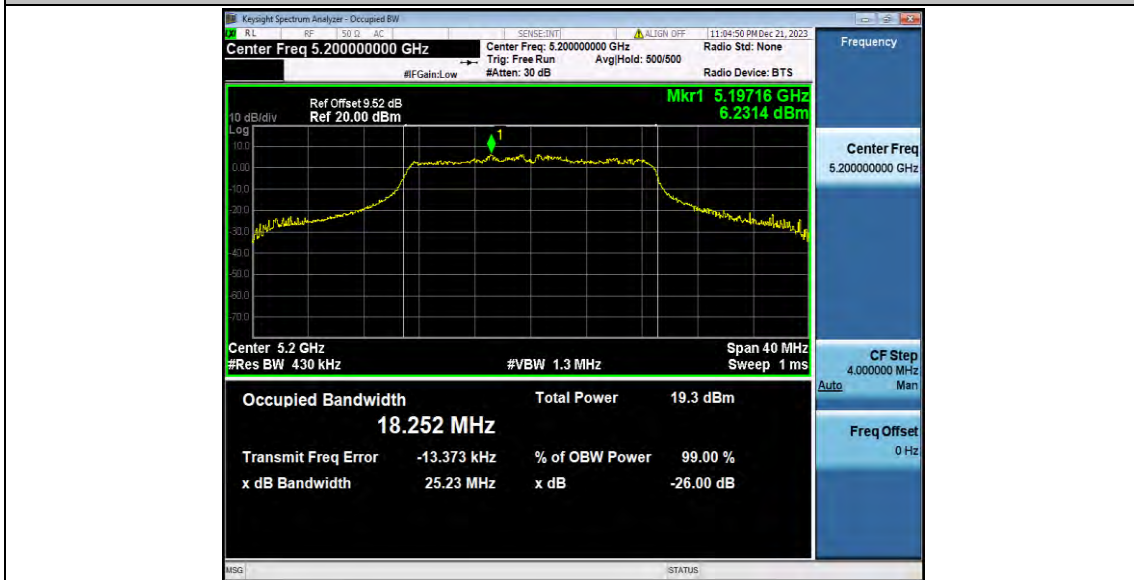


11N40SISO\_Ant0\_5230

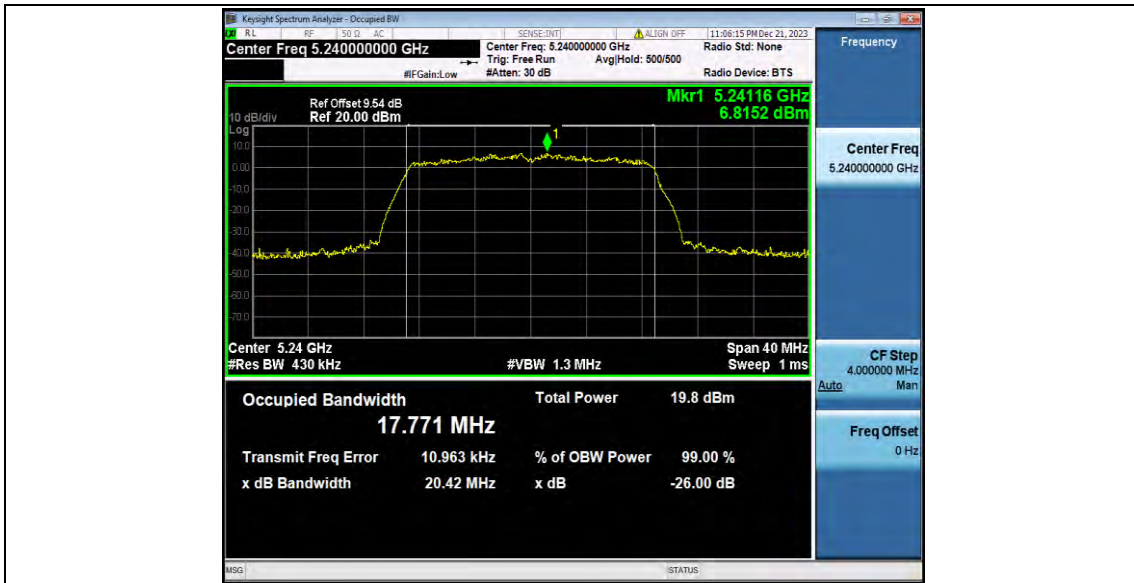




11AC20SISO\_Ant0\_5180



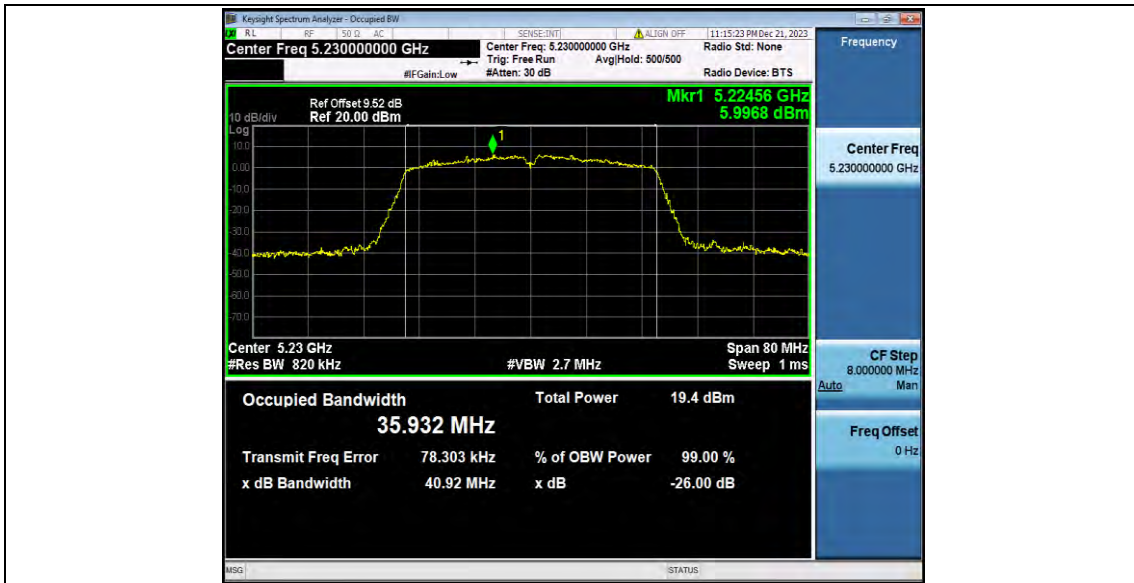
11AC20SISO\_Ant0\_5200



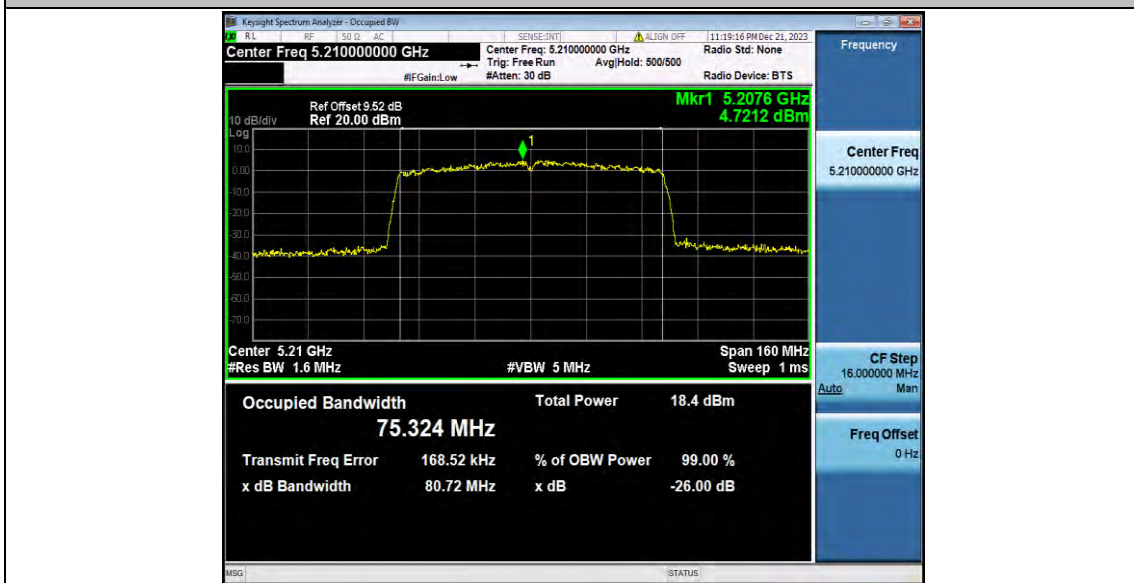
11AC20SISO\_Ant0\_5240



11AC40SISO\_Ant0\_5190



11AC40SISO\_Ant0\_5230



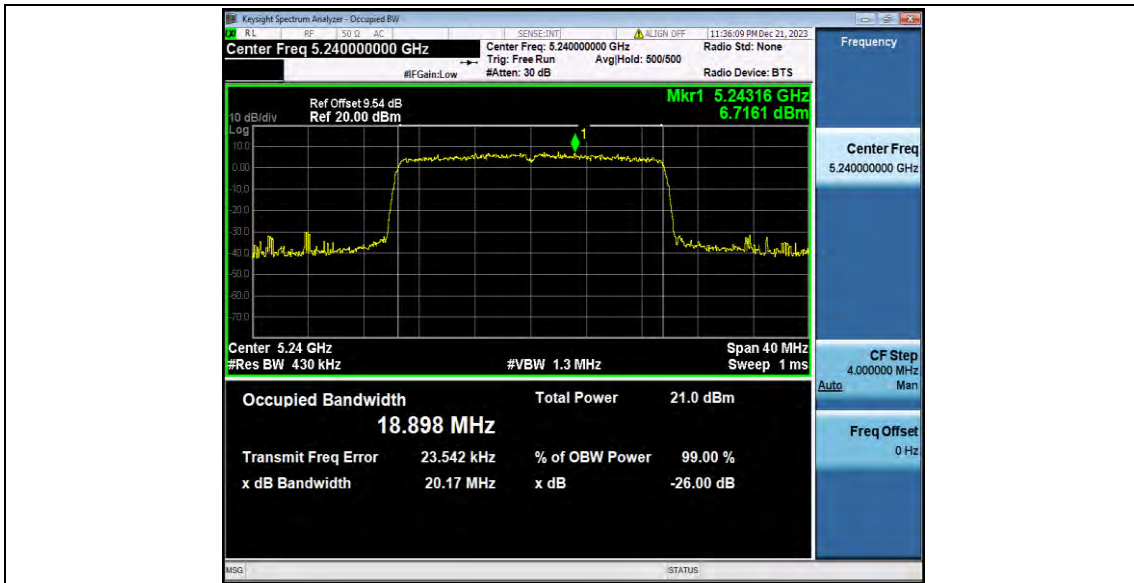
11AC80SISO\_Ant0\_5210



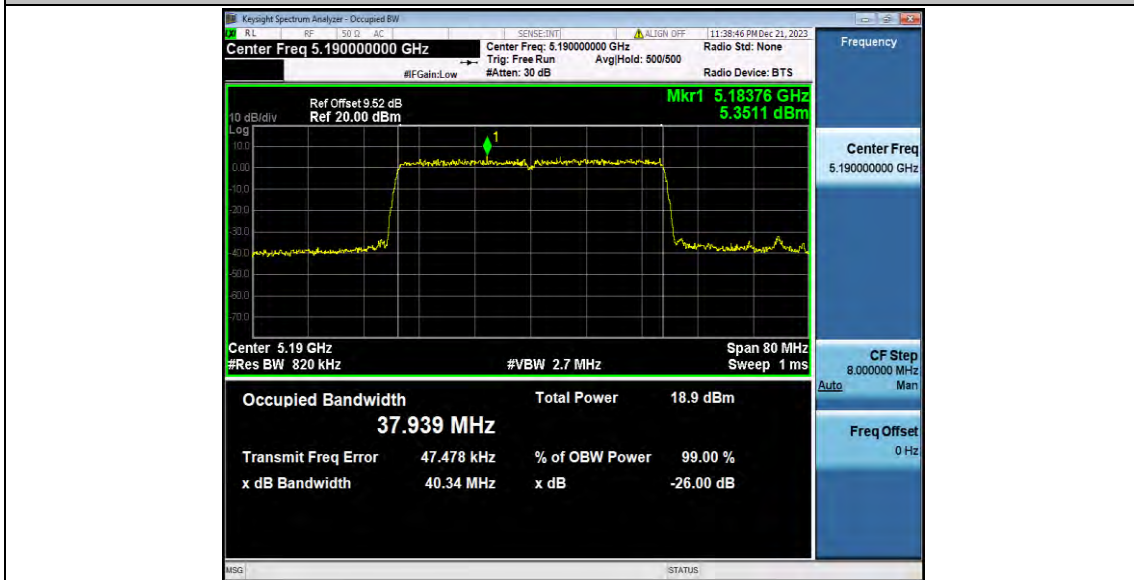
11AX20SISO\_Ant0\_5180



11AX20SISO\_Ant0\_5200



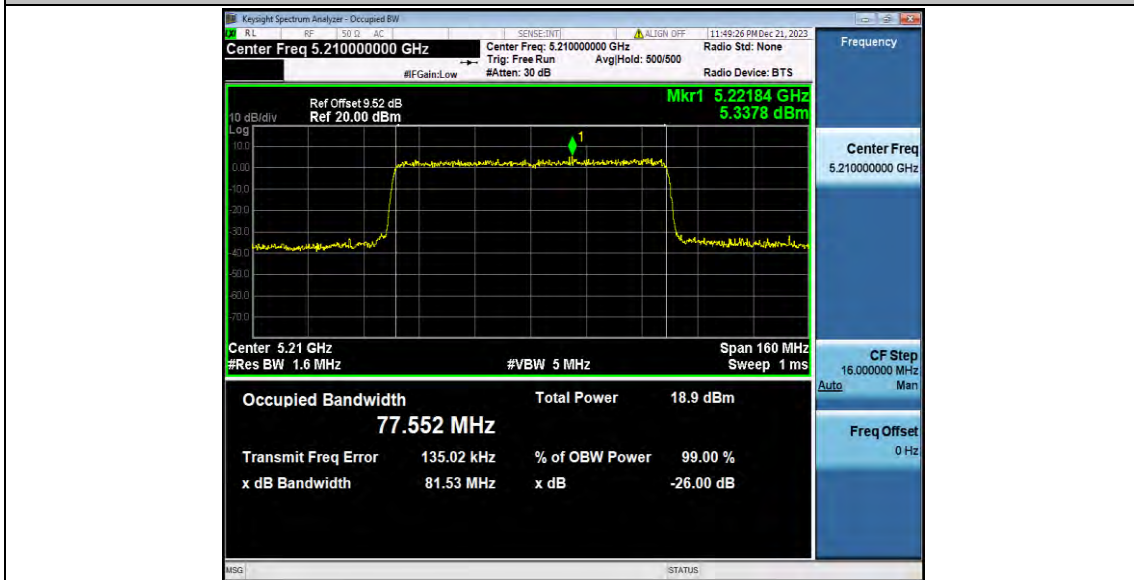
11AX20SISO\_Ant0\_5240



11AX40SISO\_Ant0\_5190



11AX40SISO\_Ant0\_5230



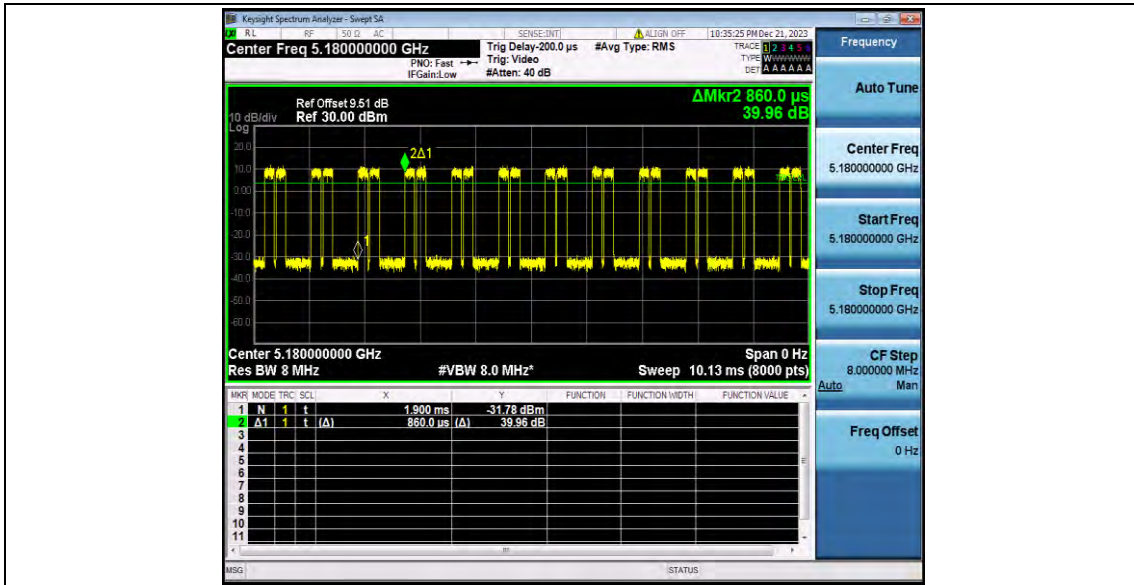
11AX80SISO\_Ant0\_5210

## Appendix D.3: Duty Cycle

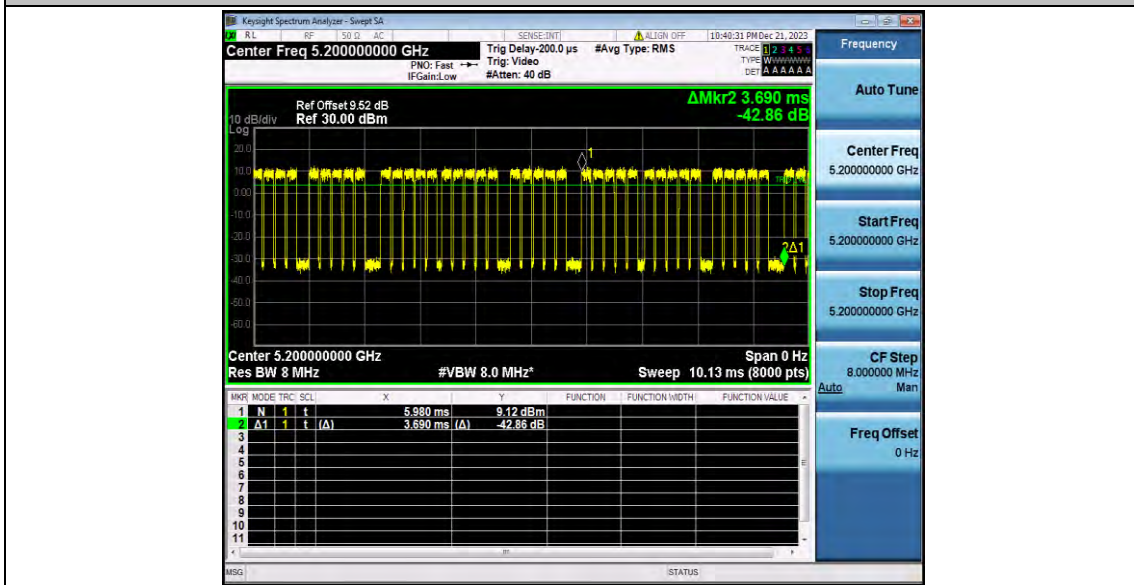
### Test Result

Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant0	5180	0.35	0.86	40.70
		5200	2.64	3.69	71.54
		5240	0.18	0.34	52.94
11N20SISO	Ant0	5180	0.70	0.74	94.59
		5200	0.70	0.74	94.59
		5240	0.71	0.74	95.95
11N40SISO	Ant0	5190	2.18	3.30	66.06
		5230	2.50	3.71	67.39
11AC20SISO	Ant0	5180	0.16	0.20	80.00
		5200	0.17	0.21	80.95
		5240	0.17	0.21	80.95
11AC40SISO	Ant0	5190	3.33	4.80	69.38
		5230	3.33	4.80	69.38
11AC80SISO	Ant0	5210	3.24	6.71	48.29
11AX20SISO	Ant0	5180	0.15	0.19	78.95
		5200	0.16	0.19	84.21
		5240	0.16	0.20	80.00
11AX40SISO	Ant0	5190	2.88	5.08	56.69
		5230	2.89	5.08	56.89
11AX80SISO	Ant0	5210	3.38	6.71	50.37

## Test Graphs

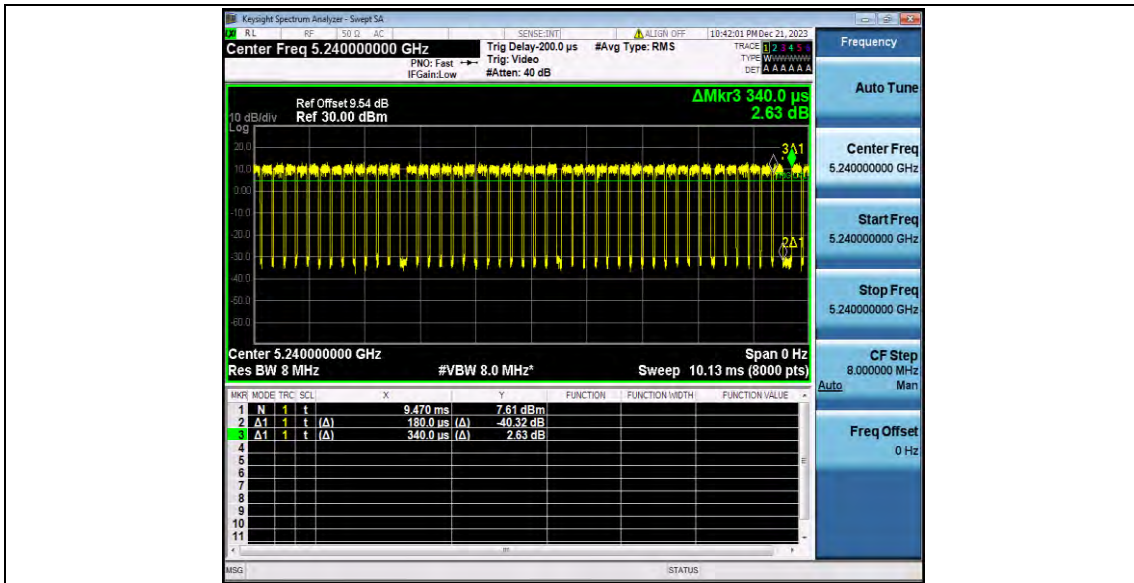


11A\_Ant0\_5180

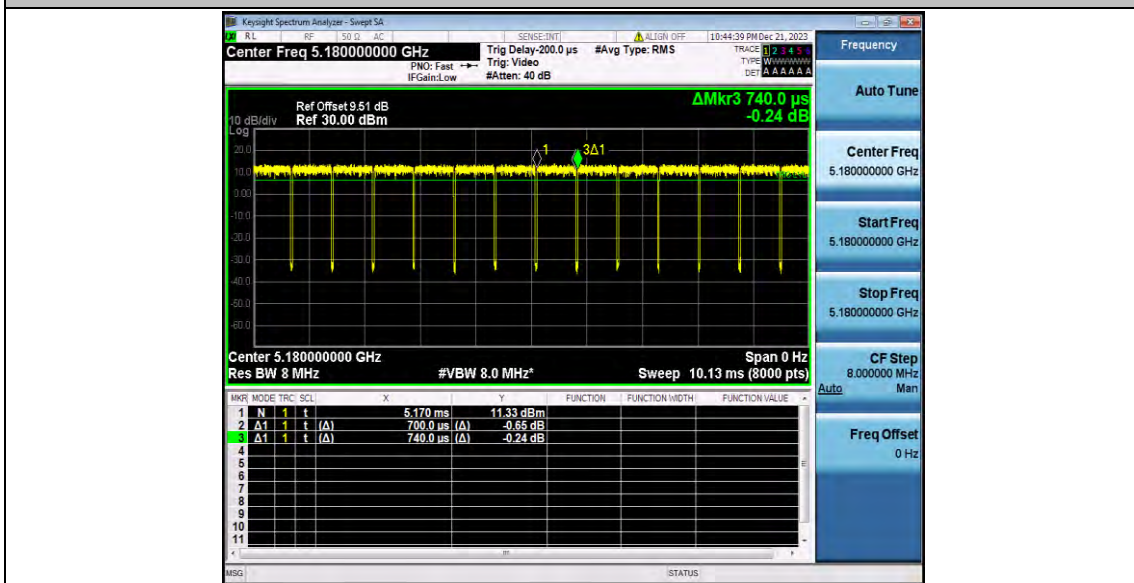


11A\_Ant0\_5200

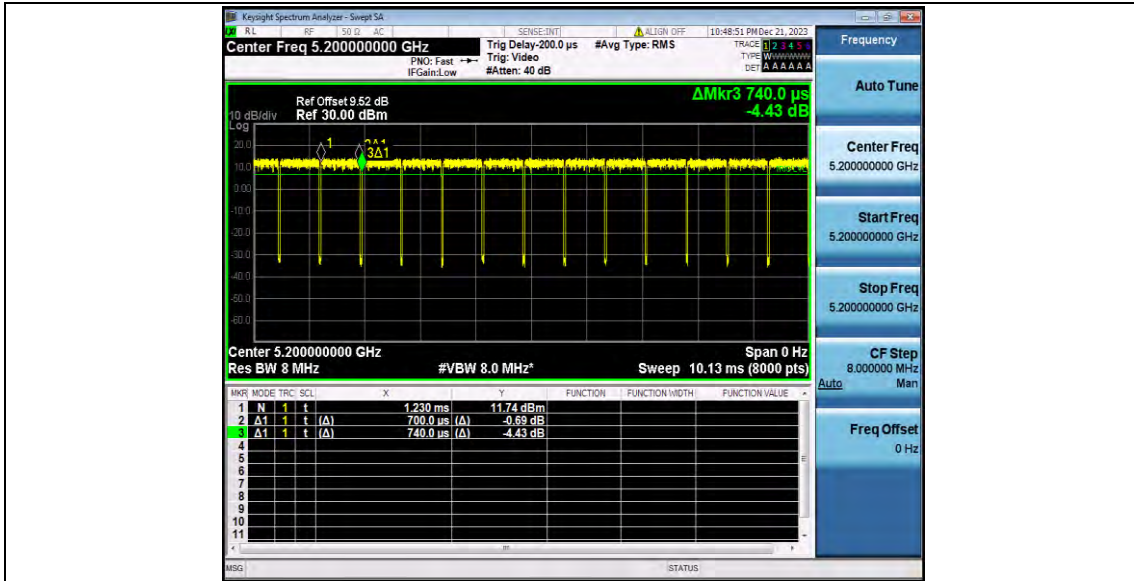




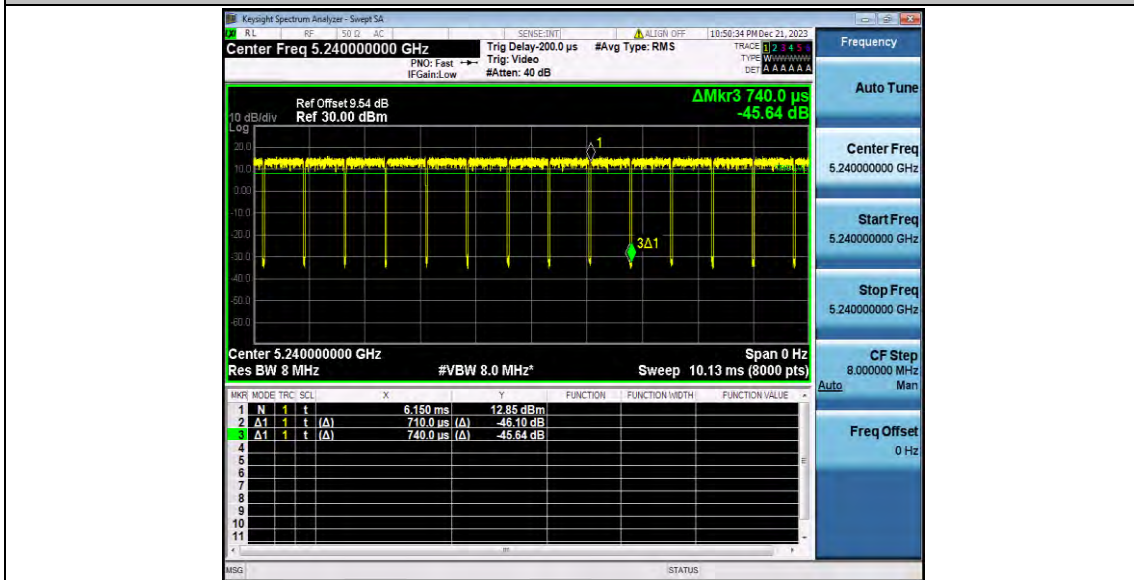
11A\_Ant0\_5240



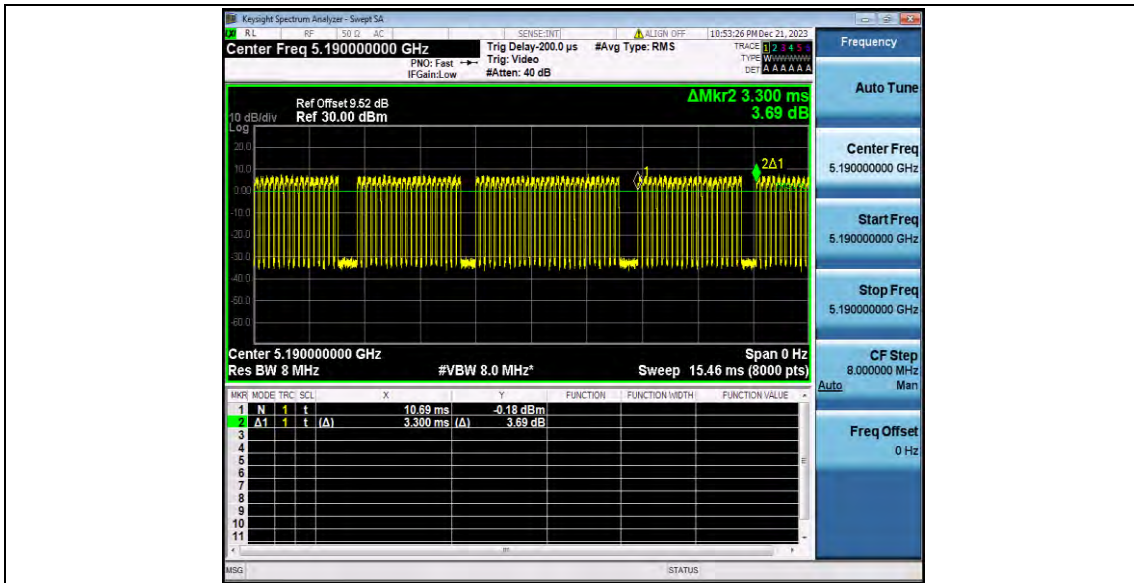
11N20SISO\_Ant0\_5180



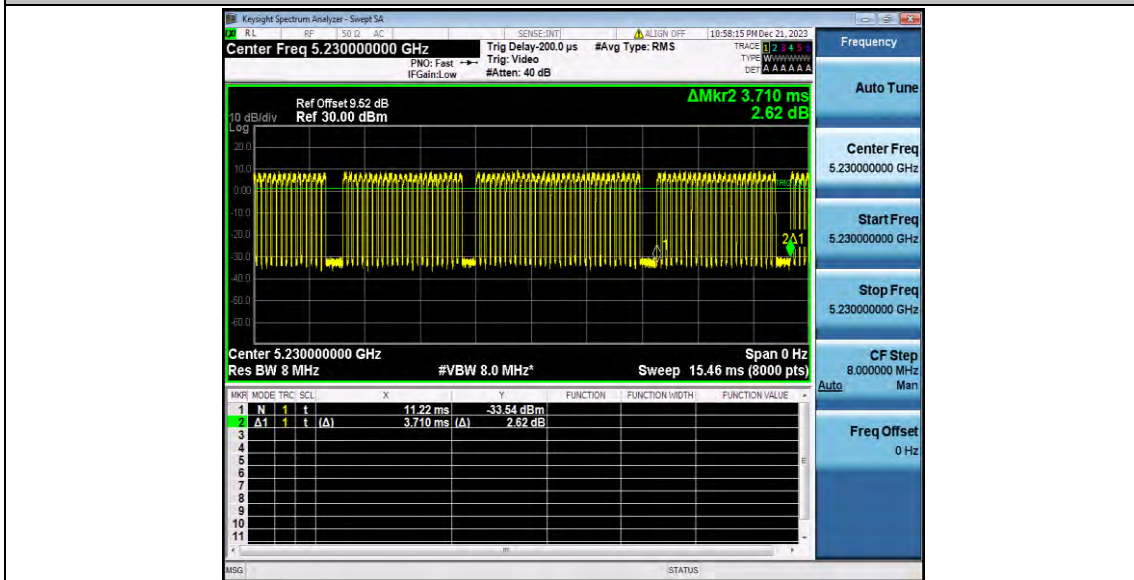
11N20SISO\_Ant0\_5200



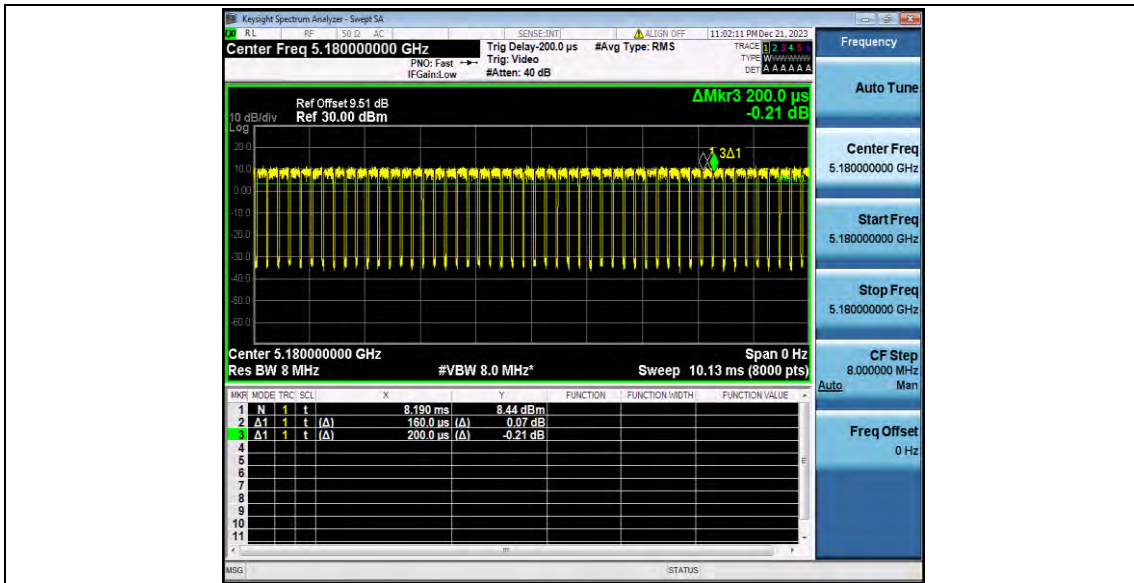
11N20SISO\_Ant0\_5240



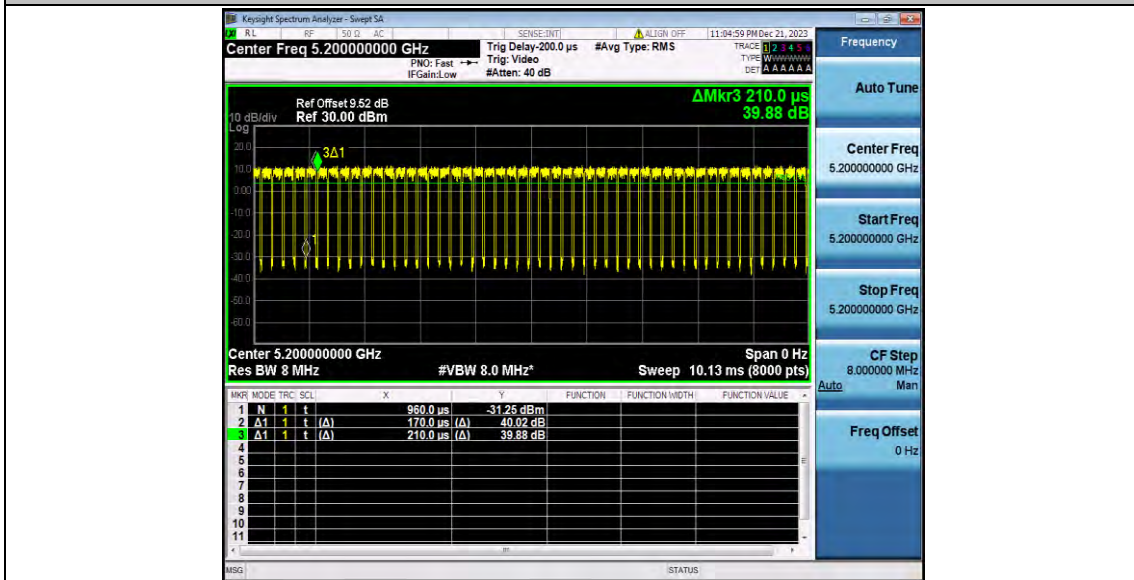
11N40SISO\_Ant0\_5190



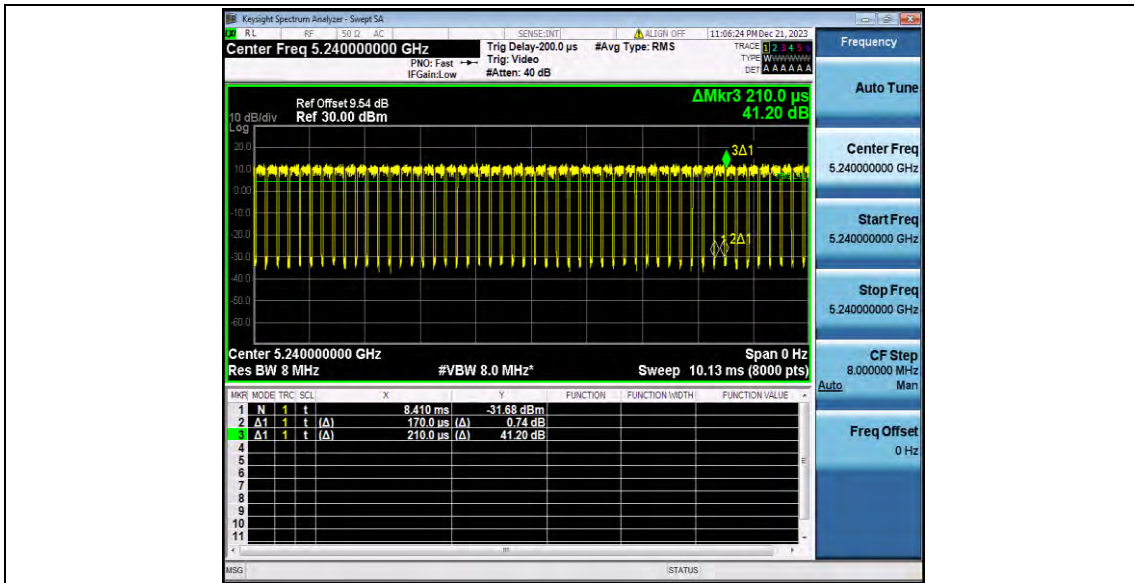
11N40SISO\_Ant0\_5230



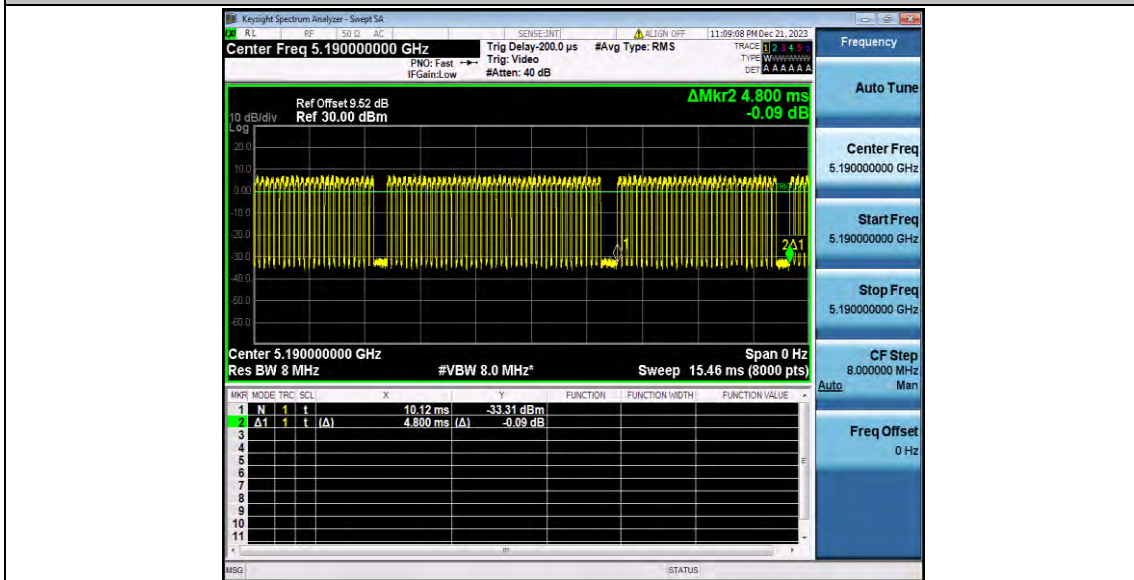
11AC20SISO\_Ant0\_5180



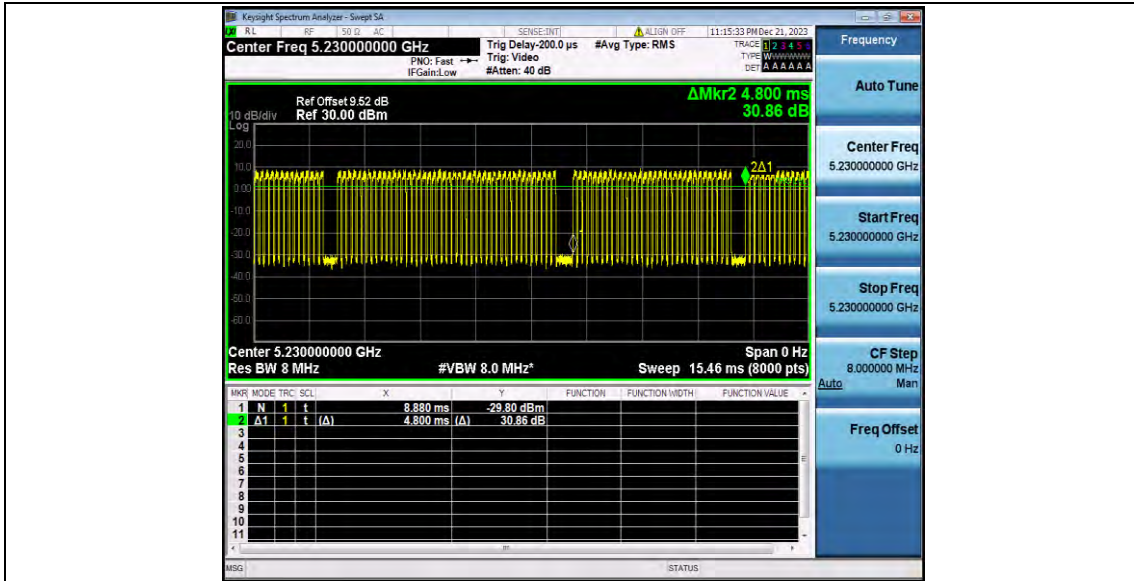
11AC20SISO\_Ant0\_5200



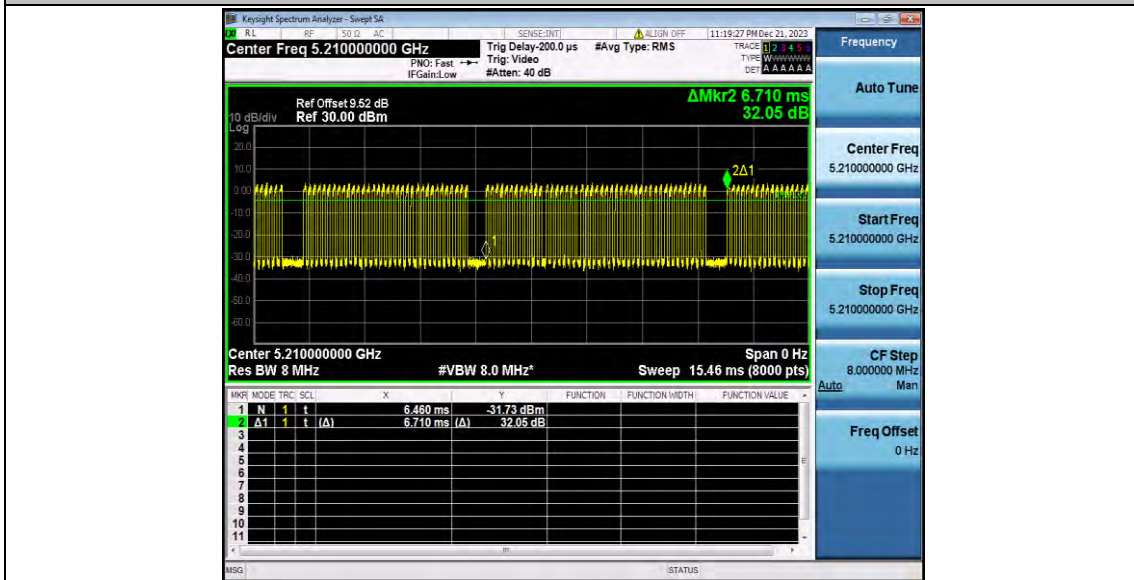
11AC20SISO\_Ant0\_5240



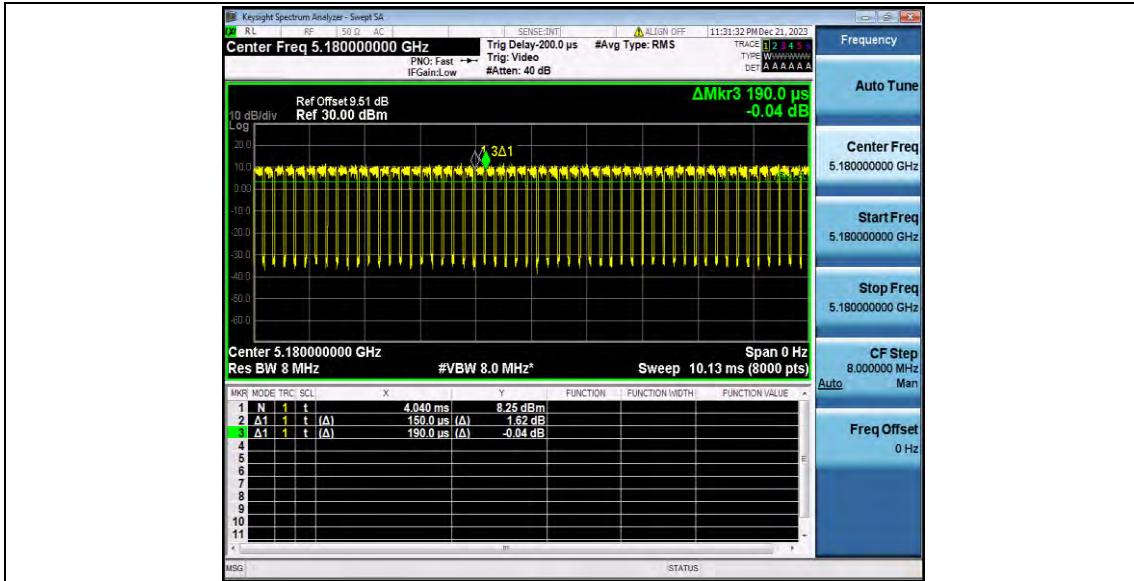
11AC40SISO\_Ant0\_5190



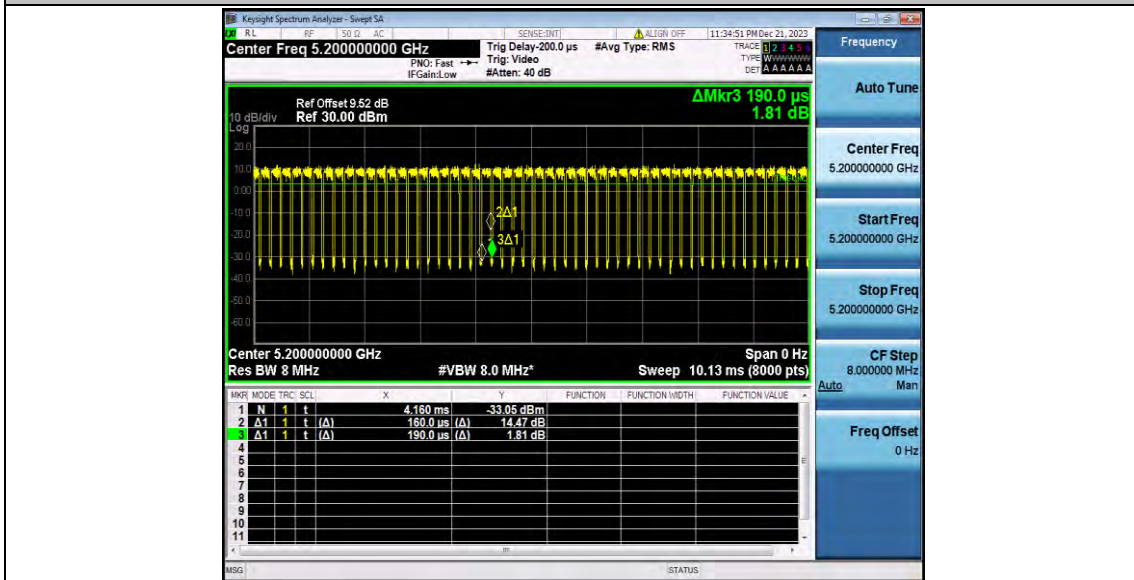
11AC40SISO\_Ant0\_5230



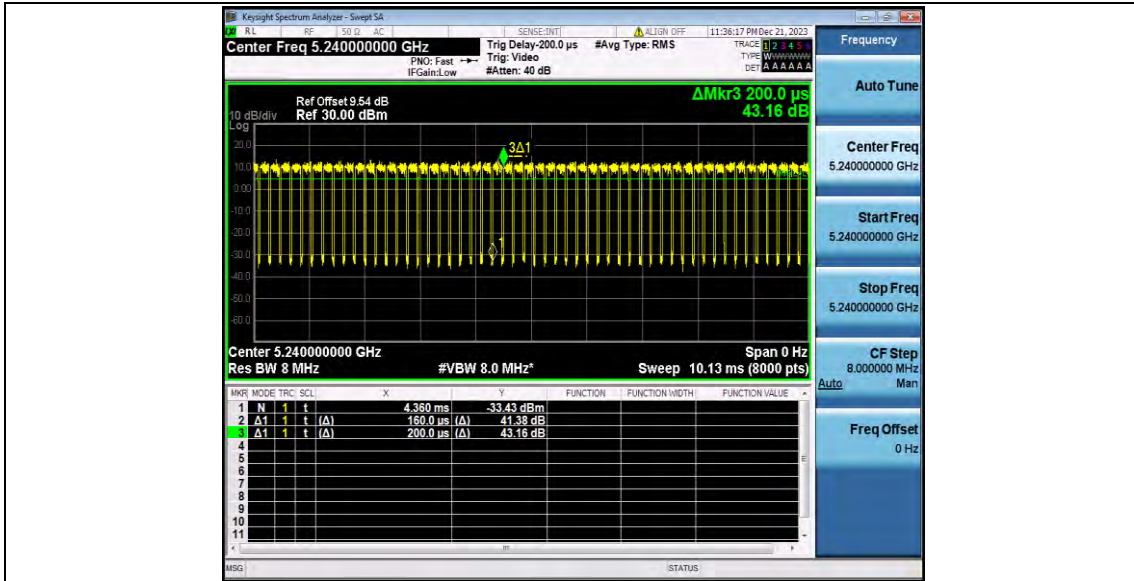
11AC80SISO\_Ant0\_5210



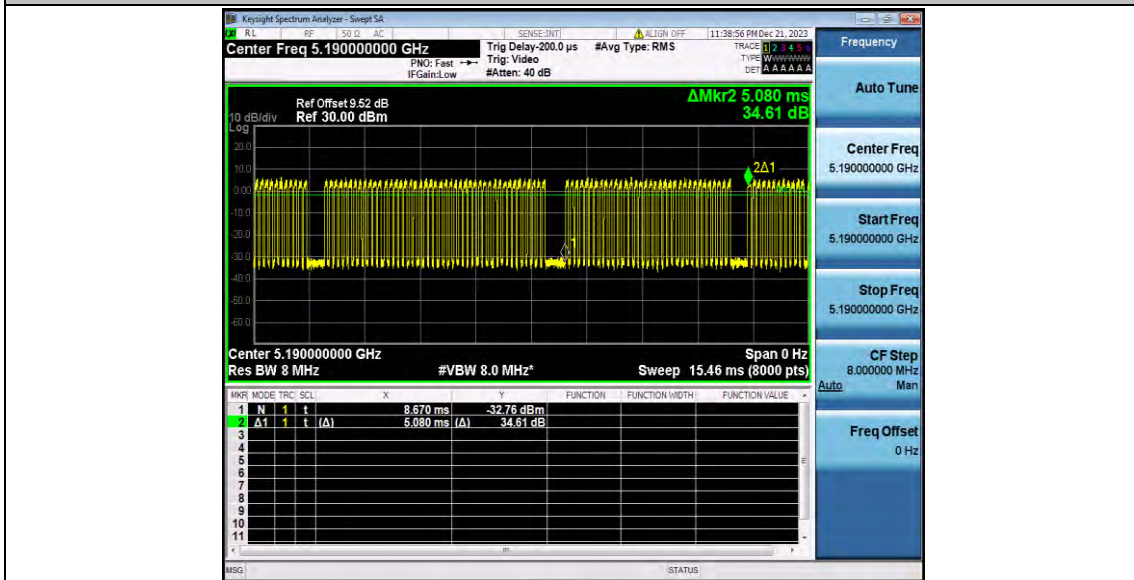
11AX20SISO\_Ant0\_5180



11AX20SISO\_Ant0\_5200

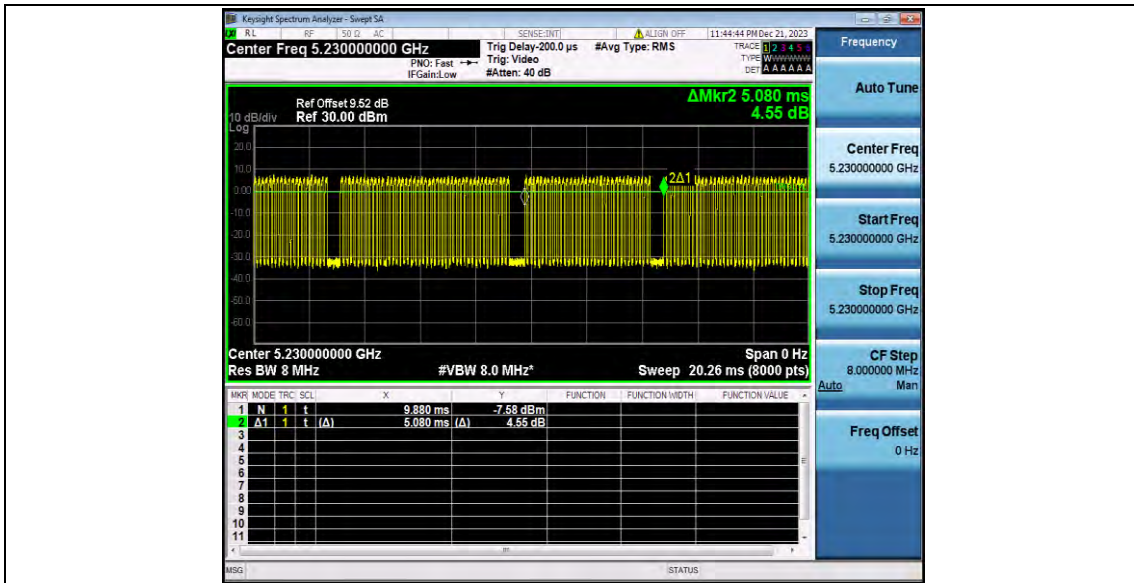


11AX20SISO\_Ant0\_5240

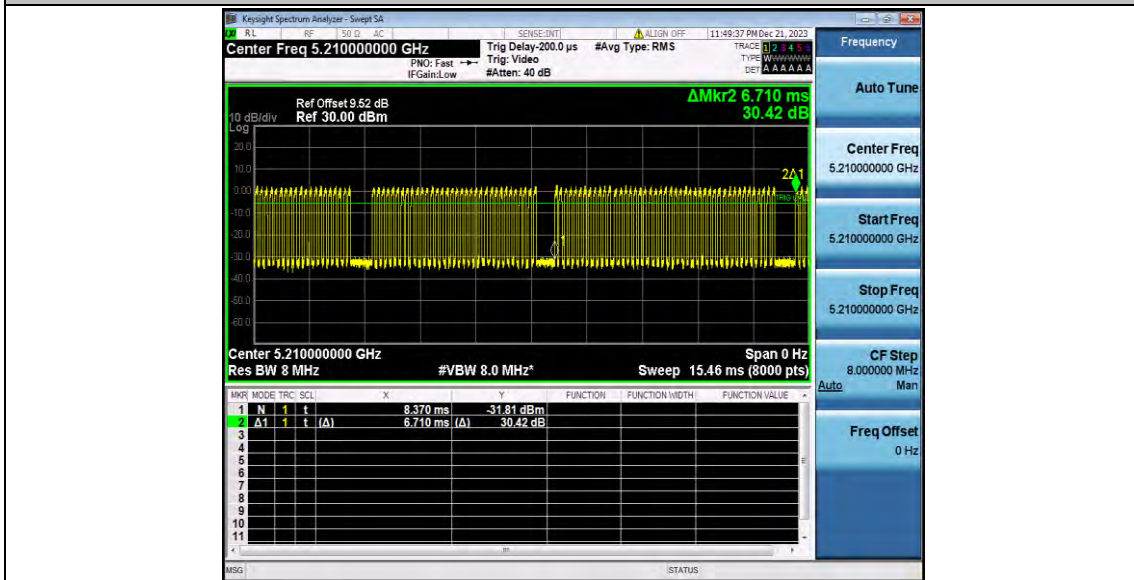


11AX40SISO\_Ant0\_5190





11AX40SISO\_Ant0\_5230



11AX80SISO\_Ant0\_5210