

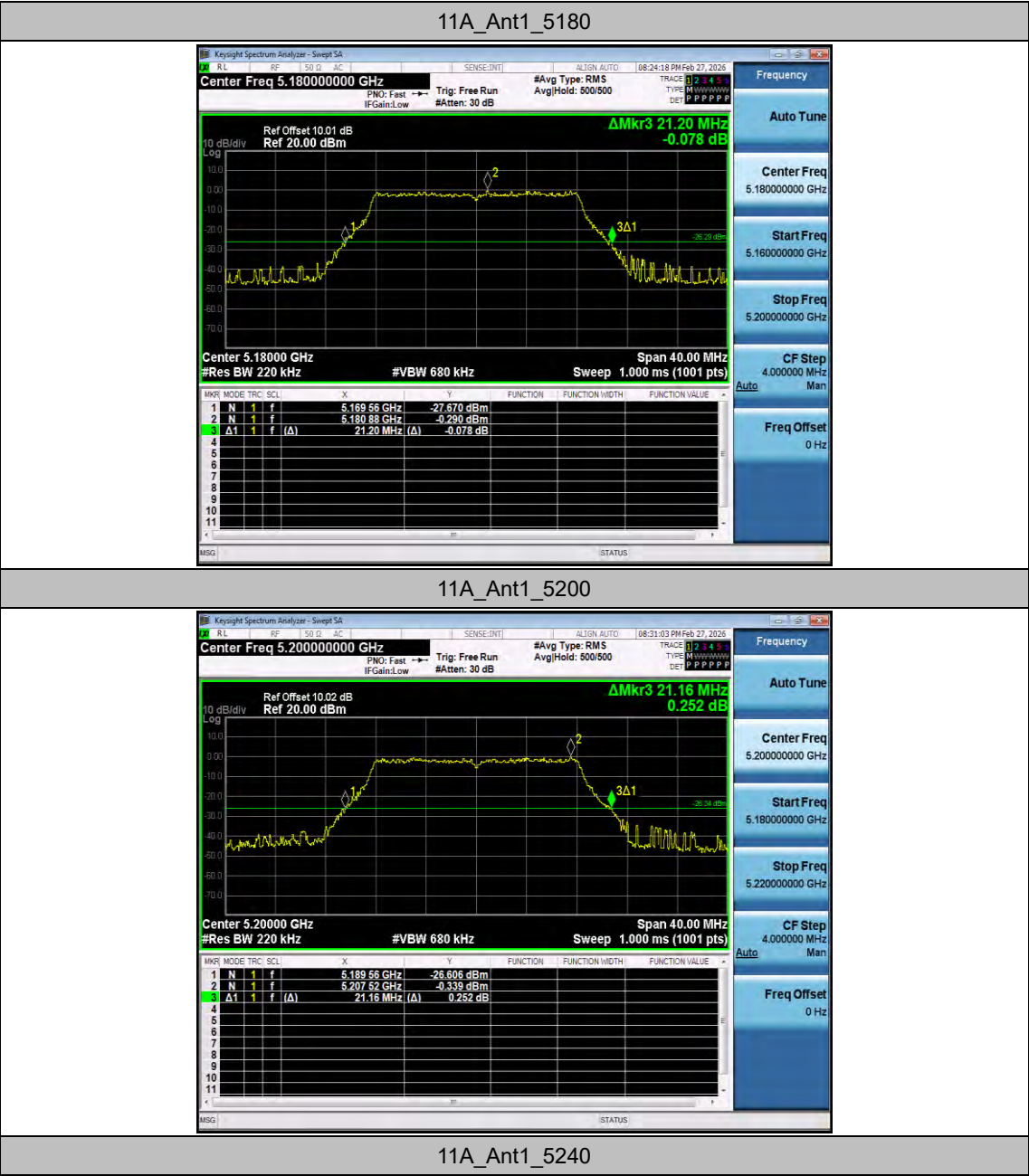
Case No. : <u>GTS20251122004-3-13</u>
Ambient Condition: <u>22</u> °C, <u>52</u> %RH
According Standard: ■Part15E
Test Date: <u>2025.12.15-2026.04.02</u> Test Engineer: <u>Evan ouyang</u>

Appendix D.1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	21.200	5169.560	5190.760	---	---
		5200	21.160	5189.560	5210.720	---	---
		5240	21.200	5229.400	5250.600	---	---
11N20SISO	Ant1	5180	21.880	5169.280	5191.160	---	---
		5200	21.800	5189.080	5210.880	---	---
		5240	21.680	5229.200	5250.880	---	---
11N40SISO	Ant1	5190	40.320	5169.920	5210.240	---	---
		5230	40.160	5210.000	5250.160	---	---
11AC20SISO	Ant1	5180	21.920	5169.160	5191.080	---	---
		5200	21.320	5189.400	5210.720	---	---
		5240	21.440	5229.360	5250.800	---	---
11AC40SISO	Ant1	5190	40.480	5169.600	5210.080	---	---
		5230	40.400	5209.840	5250.240	---	---
11AC80SISO	Ant1	5210	80.480	5170.000	5250.480	---	---
11AX20SISO	Ant1	5180	21.880	5169.120	5191.000	---	---
		5200	22.520	5188.880	5211.400	---	---
		5240	22.040	5229.040	5251.080	---	---
11AX40SISO	Ant1	5190	41.120	5169.520	5210.640	---	---
		5230	40.720	5209.680	5250.400	---	---
11AX80SISO	Ant1	5210	82.080	5168.880	5250.960	---	---

Test Graphs



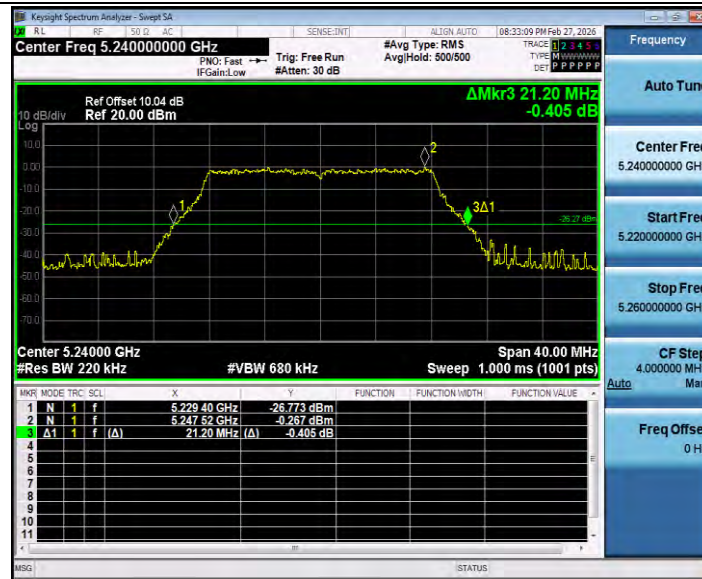
11A_Ant1_5200

Frequency

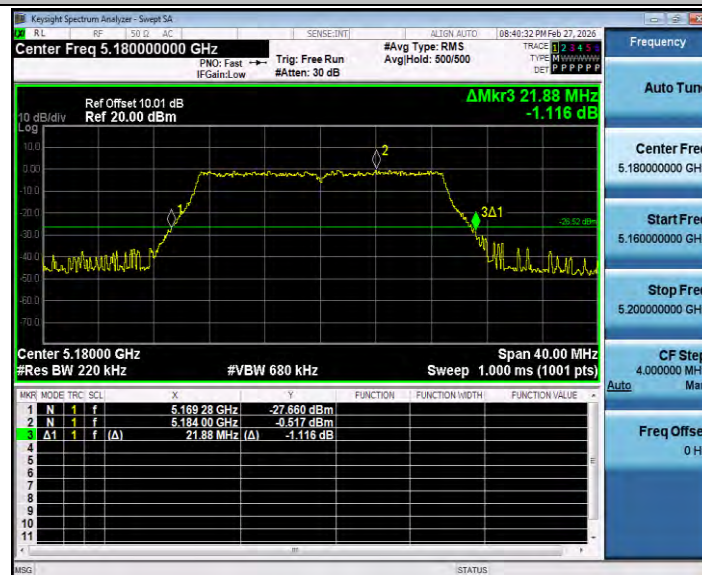
Auto Tune

Center Freq
5.20000000 GHzStart Freq
5.18000000 GHzStop Freq
5.22000000 GHzCF Step
4.000000 MHz
AutoFreq Offset
0 Hz

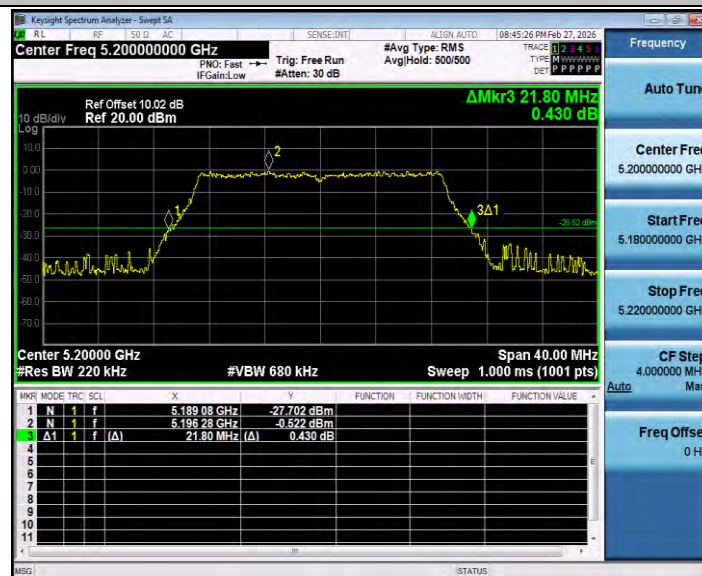
11A_Ant1_5240



11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



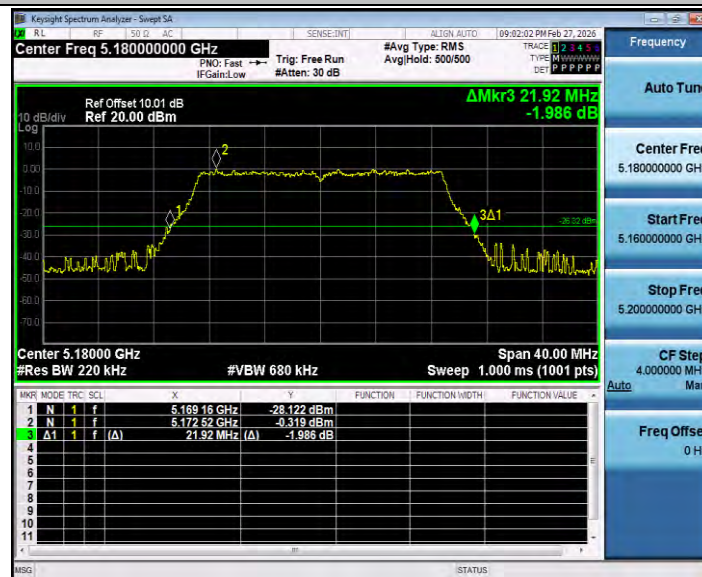
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180



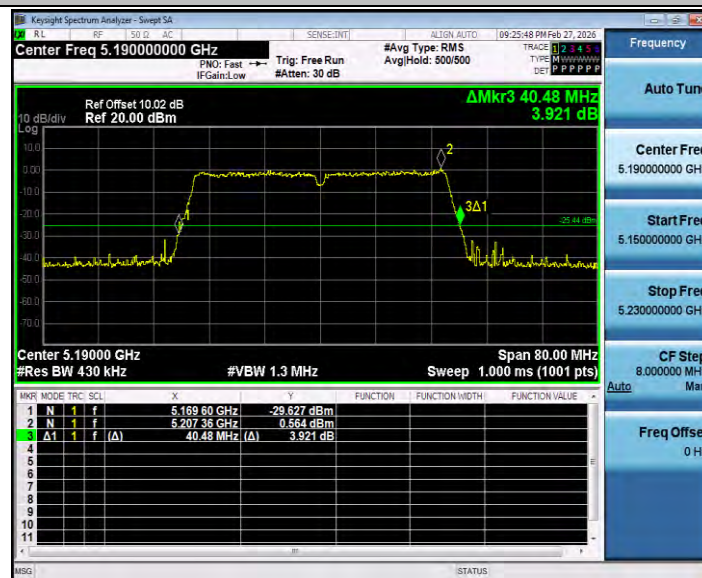
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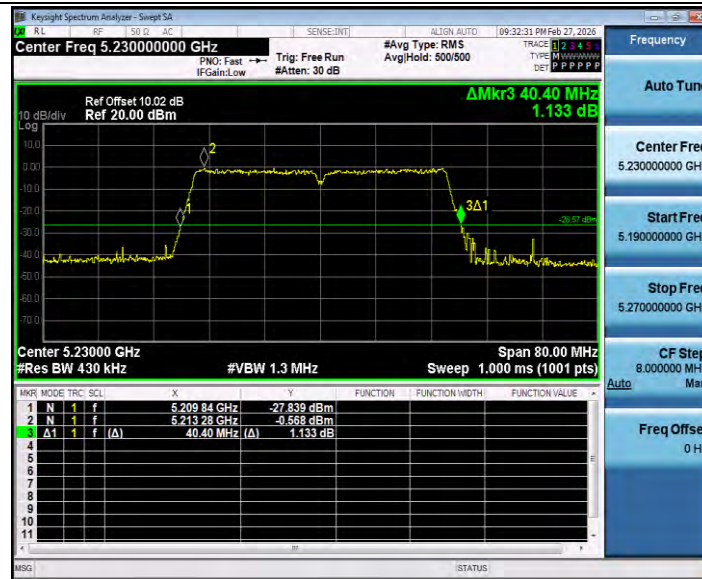
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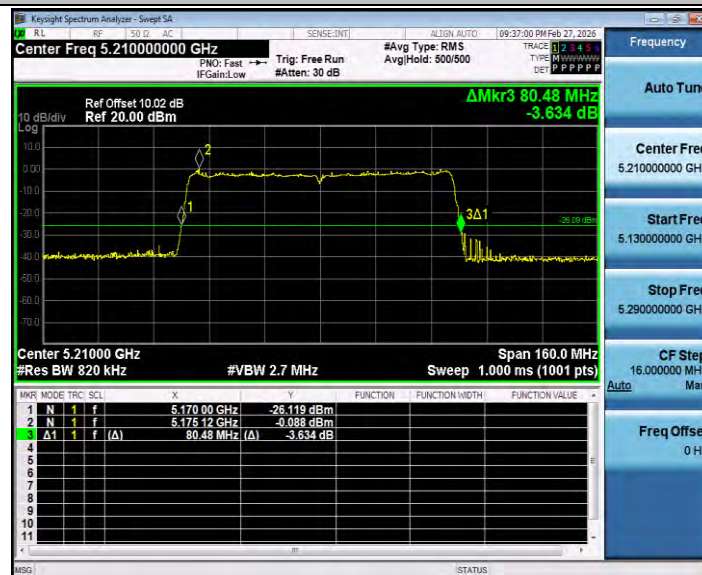
11AC40SISO_Ant1_5190



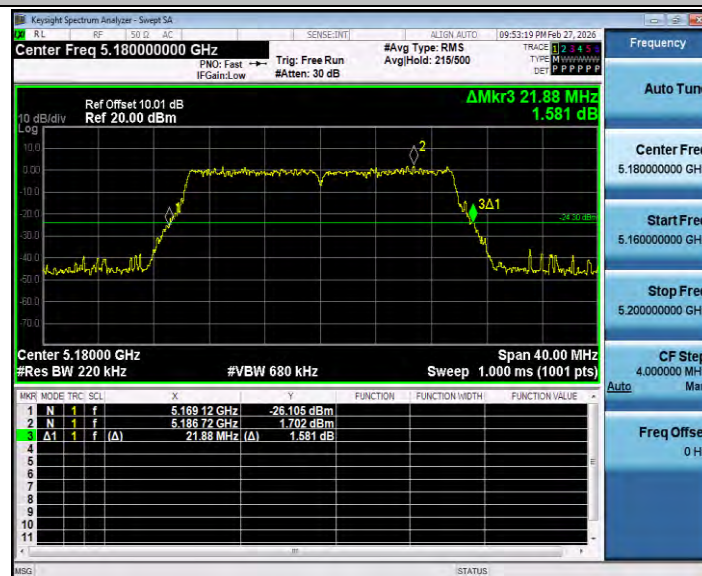
11AC40SISO_Ant1_5230



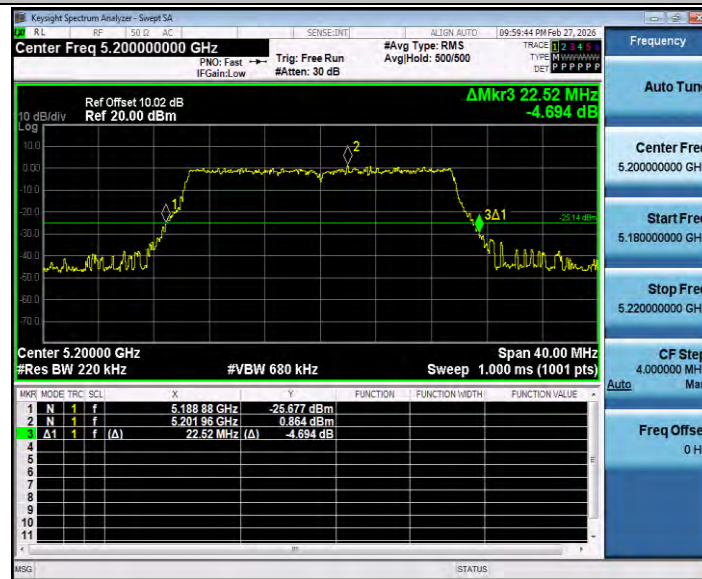
11AC80SISO_Ant1_5210



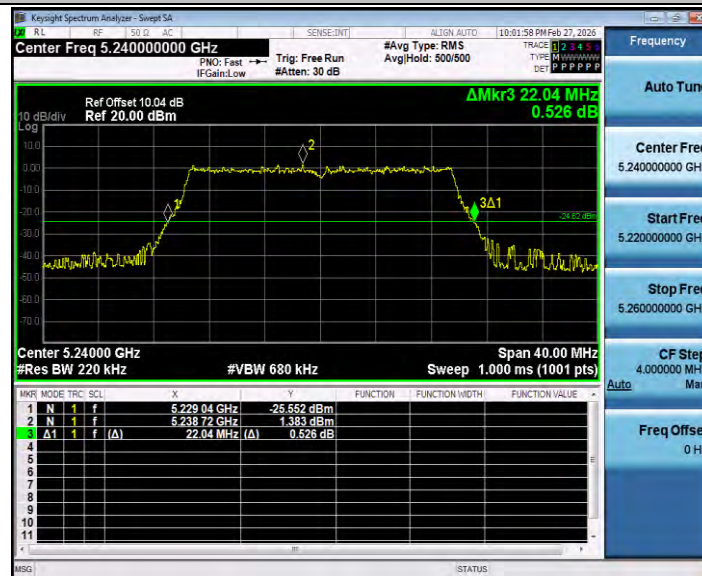
11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5200



11AX20SISO_Ant1_5240



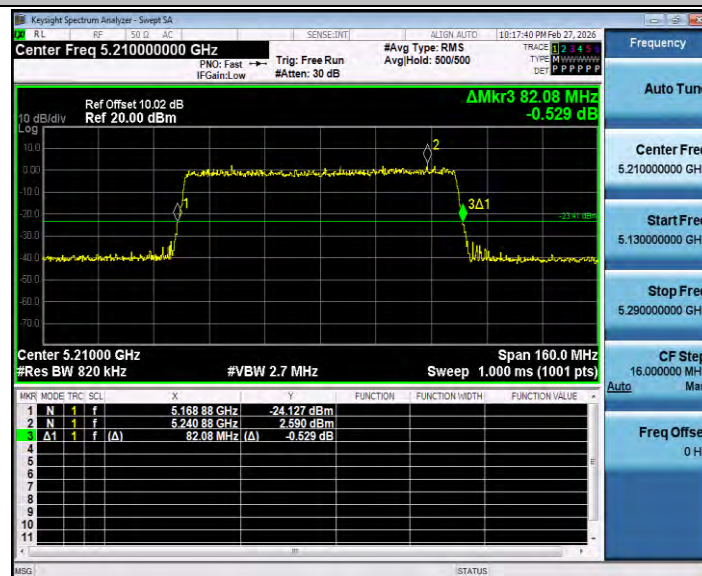
11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



11AX80SISO_Ant1_5210

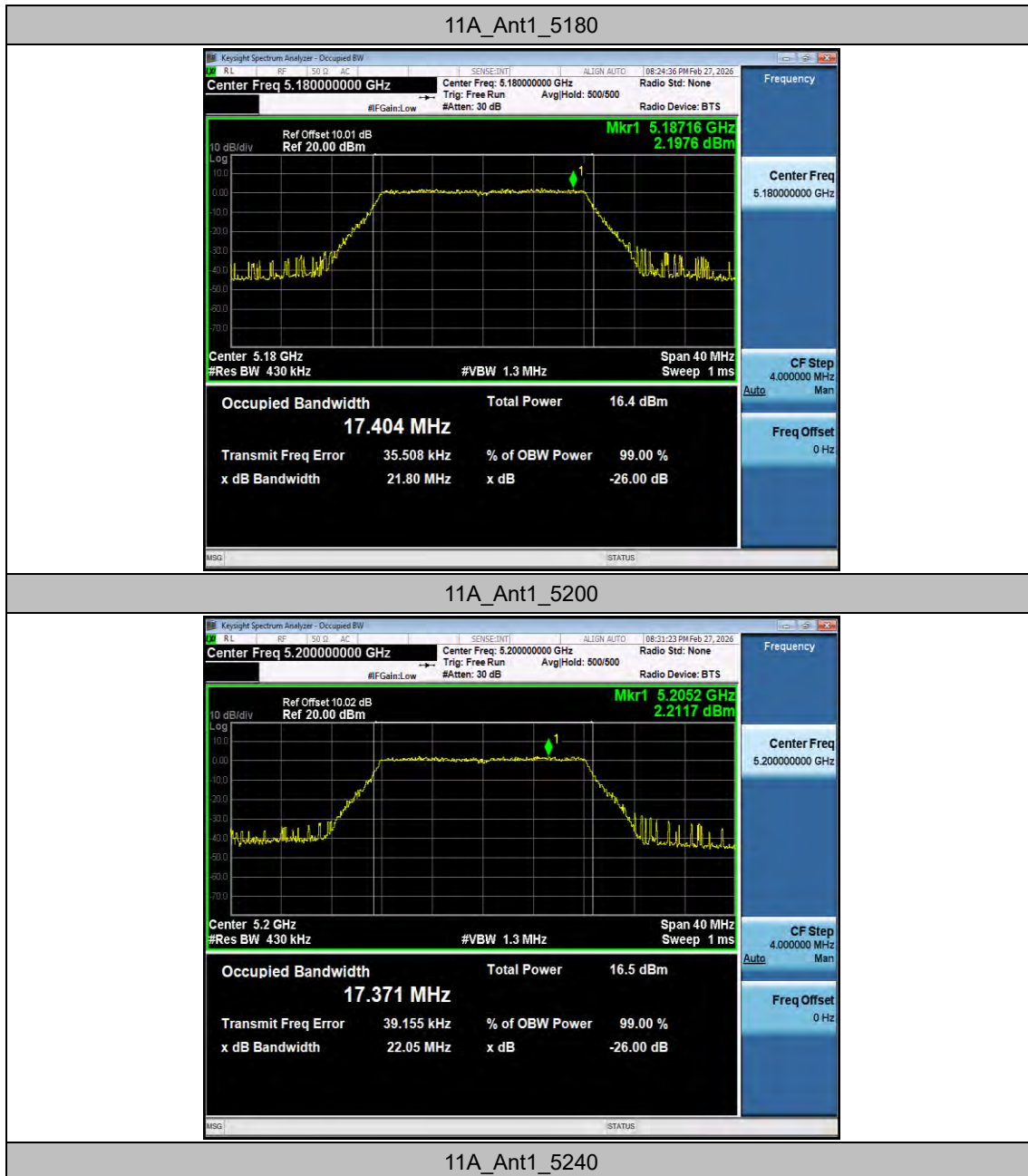


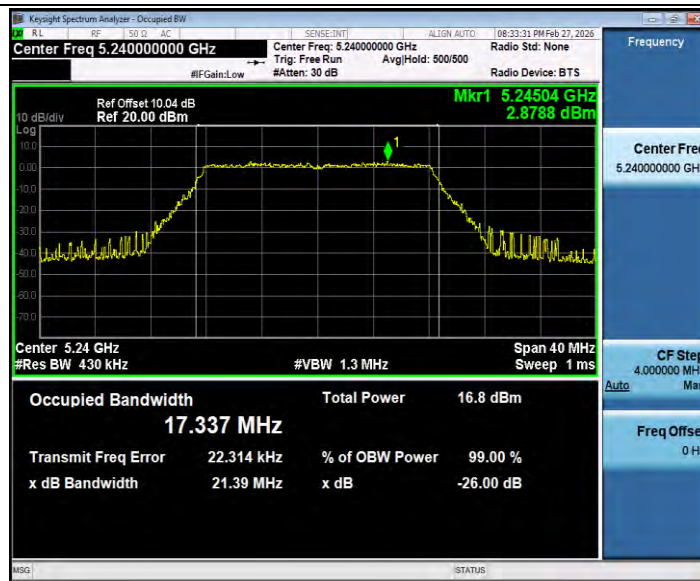
Appendix D.2: Occupied channel bandwidth

Test Result

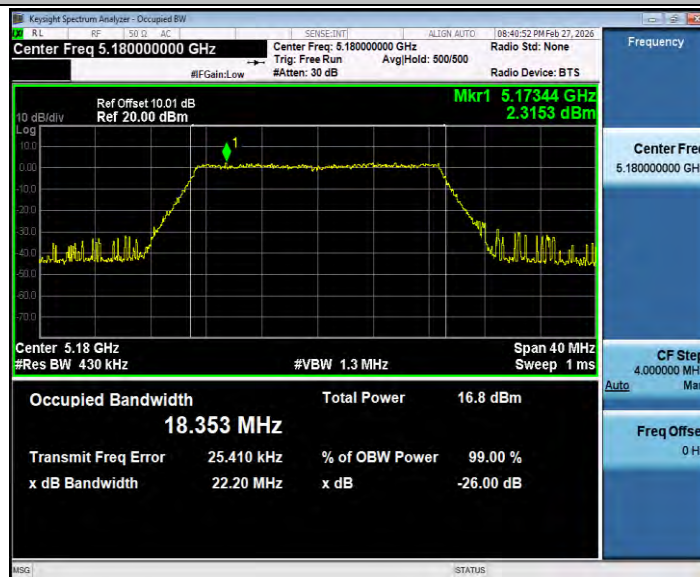
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.404	5171.3335	5188.7375	---	---
		5200	17.371	5191.3537	5208.7247	---	---
		5240	17.337	5231.3538	5248.6908	---	---
11N20SISO	Ant1	5180	18.353	5170.8489	5189.2019	---	---
		5200	18.329	5190.8750	5209.2040	---	---
		5240	18.342	5230.8586	5249.2006	---	---
11N40SISO	Ant1	5190	36.858	5171.6423	5208.5003	---	---
		5230	36.893	5211.6131	5248.5061	---	---
11AC20SISO	Ant1	5180	18.344	5170.8604	5189.2044	---	---
		5200	18.357	5190.8548	5209.2118	---	---
		5240	18.342	5230.8320	5249.1740	---	---
11AC40SISO	Ant1	5190	36.860	5171.6509	5208.5109	---	---
		5230	36.932	5211.5665	5248.4985	---	---
11AC80SISO	Ant1	5210	75.802	5172.2256	5248.0276	---	---
11AX20SISO	Ant1	5180	19.304	5170.3767	5189.6807	---	---
		5200	19.287	5190.3674	5209.6544	---	---
		5240	19.338	5230.3425	5249.6805	---	---
11AX40SISO	Ant1	5190	38.163	5170.9801	5209.1431	---	---
		5230	38.186	5210.9321	5249.1181	---	---
11AX80SISO	Ant1	5210	77.712	5171.2761	5248.9881	---	---

Test Graphs

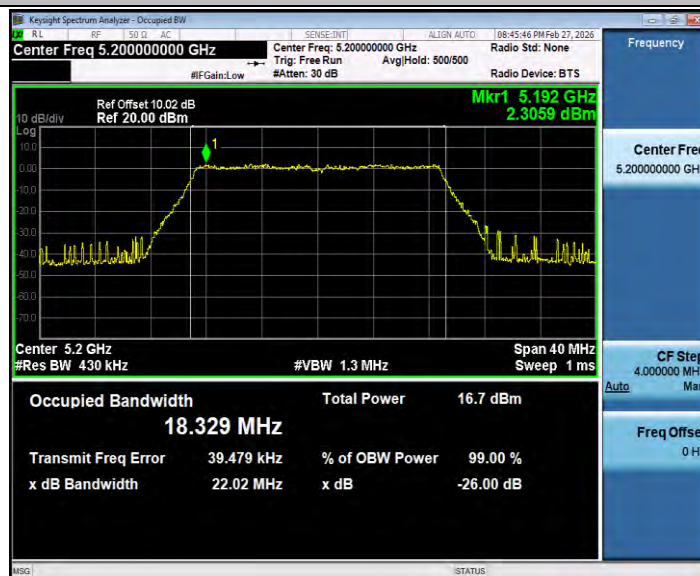




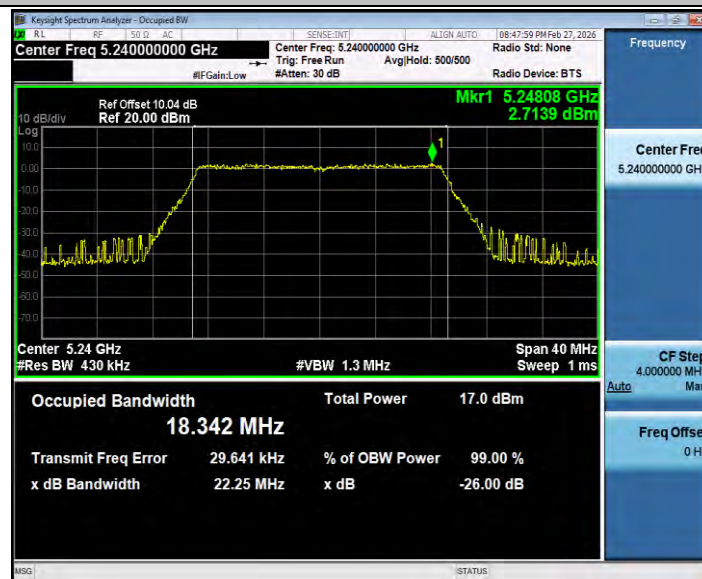
11N20SISO_Ant1_5180



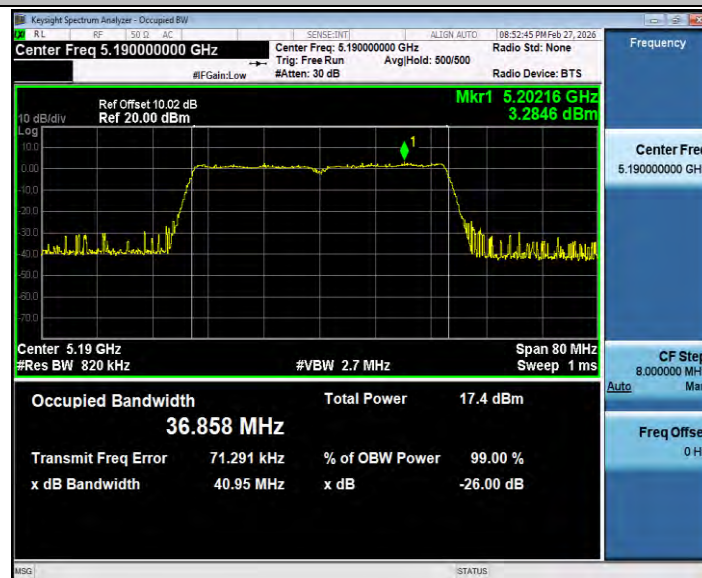
11N20SISO_Ant1_5200



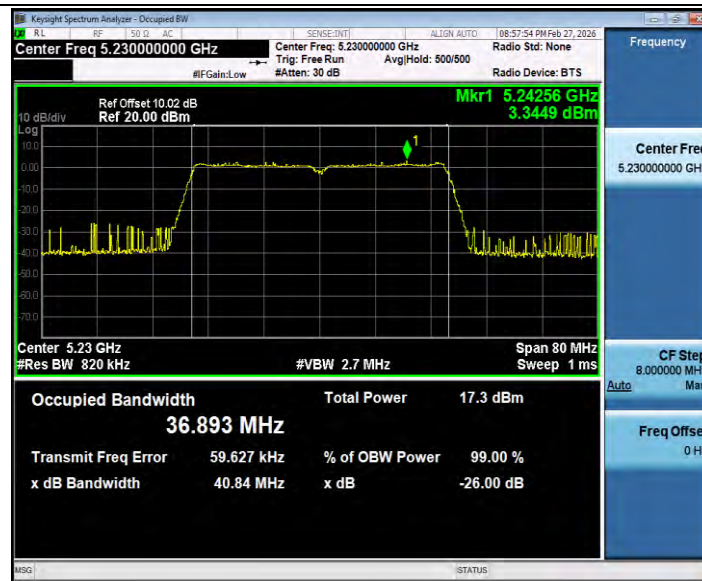
11N20SISO_Ant1_5240



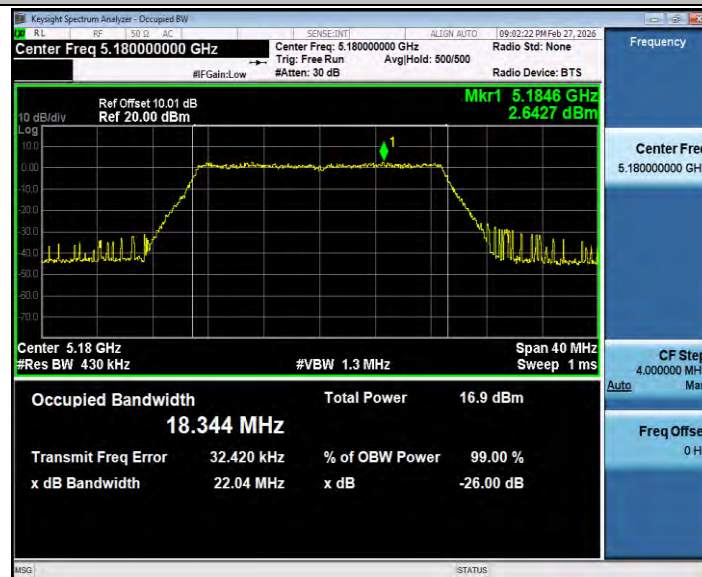
11N40SISO_Ant1_5190



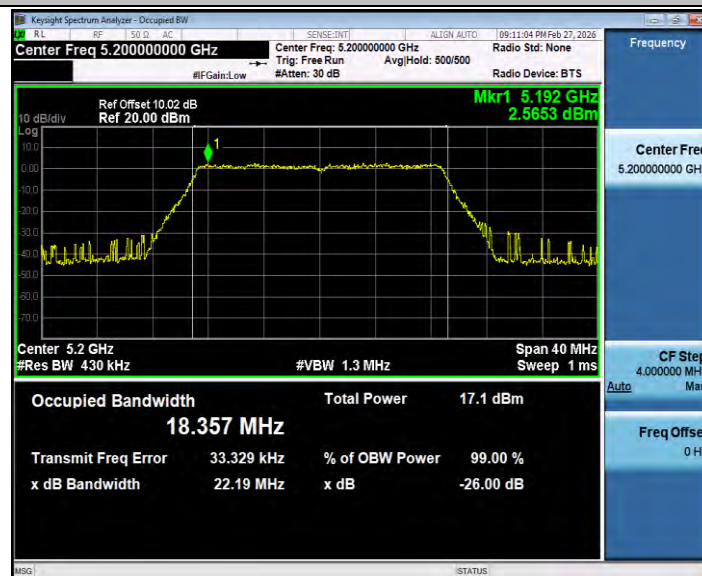
11N40SISO_Ant1_5230



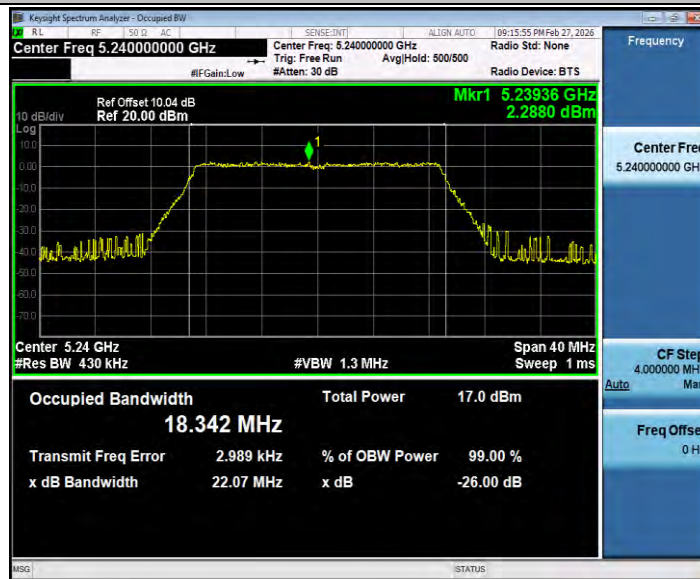
11AC20SISO_Ant1_5180



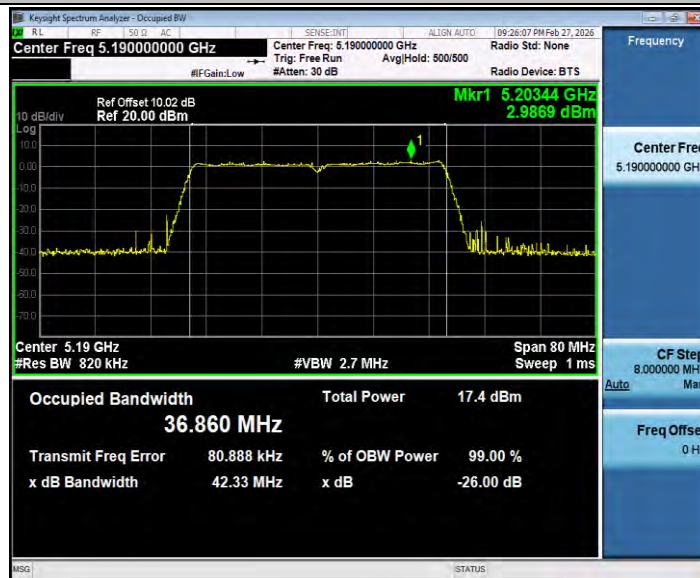
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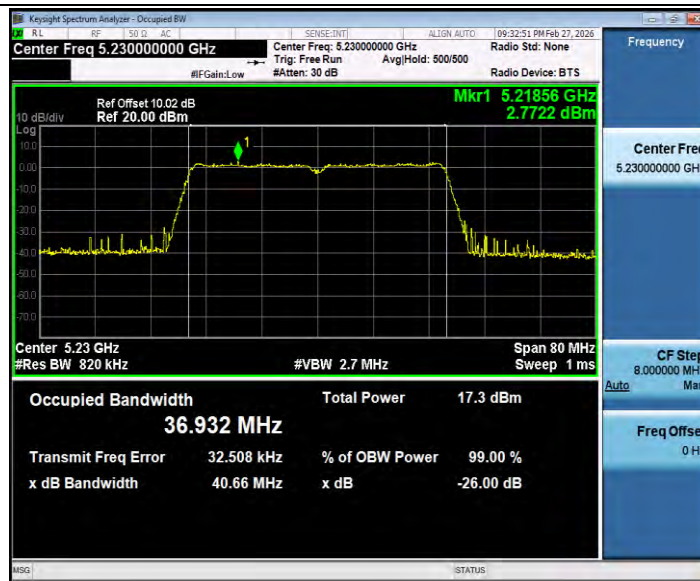
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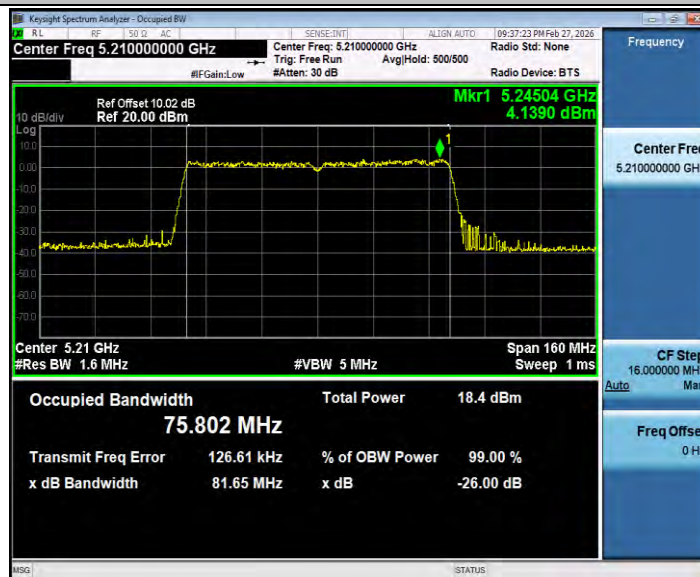
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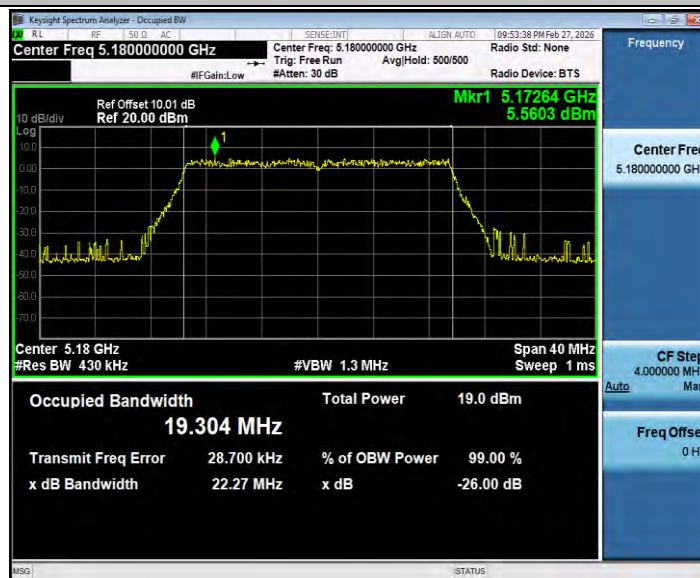
11AC40SISO_Ant1_5230



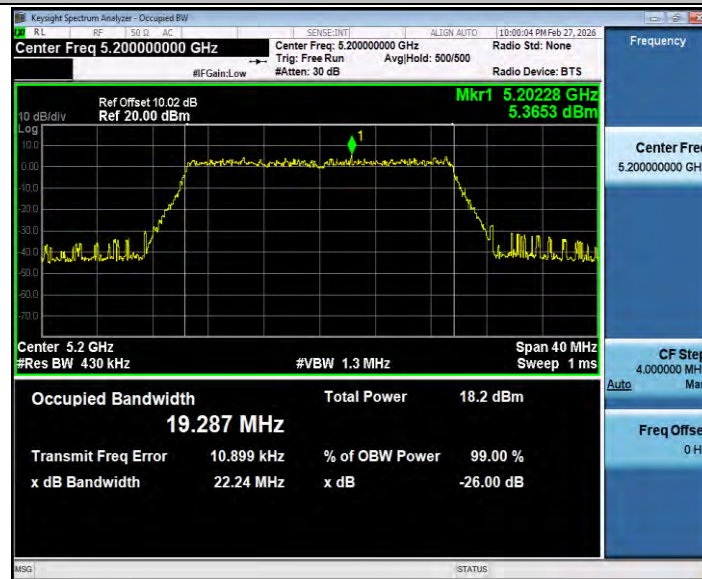
11AC80SISO_Ant1_5210



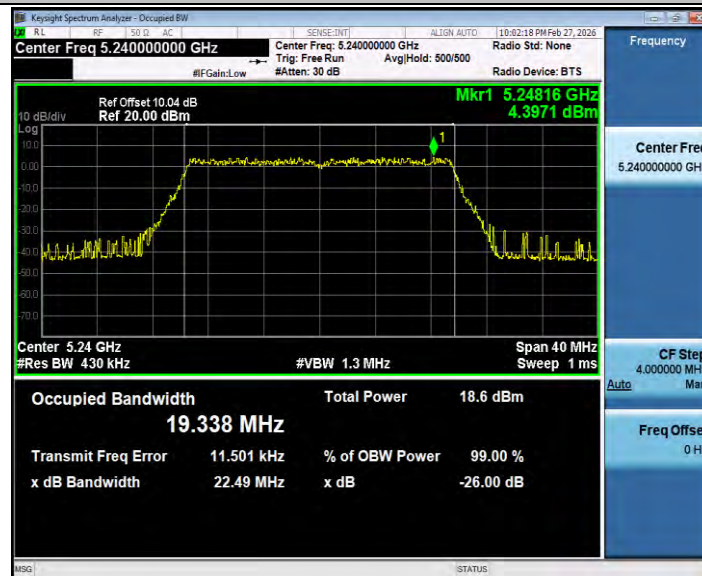
11AX20SISO_Ant1_5180



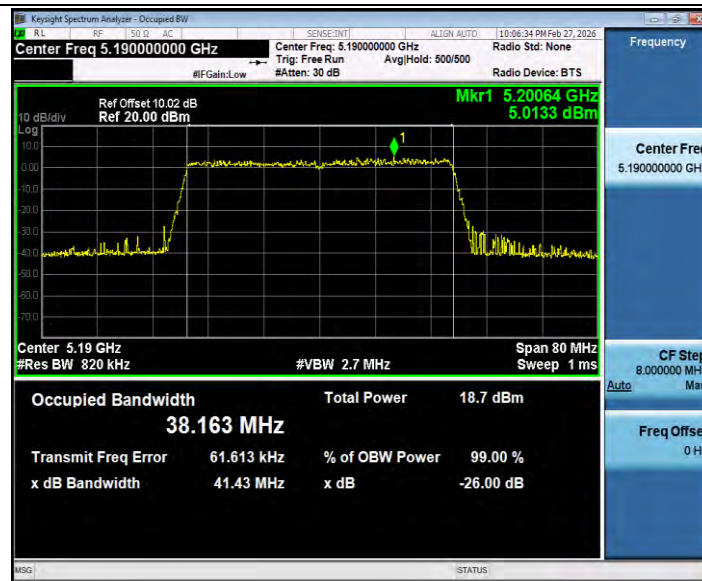
11AX20SISO_Ant1_5200



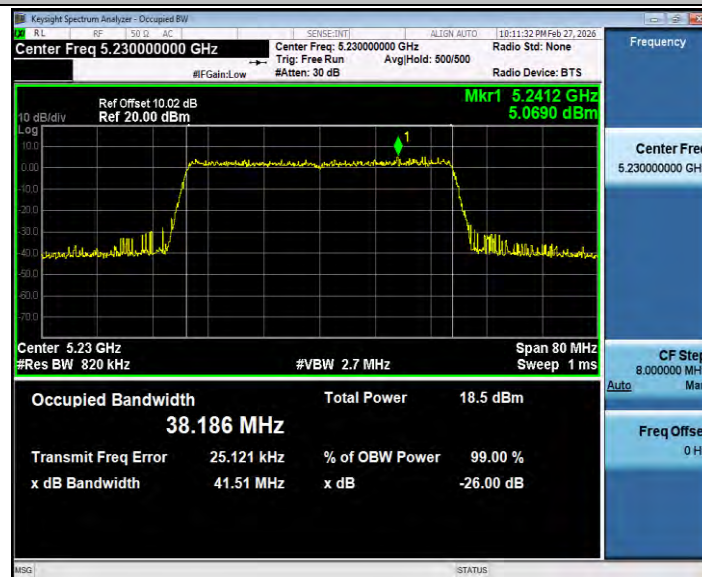
11AX20SISO_Ant1_5240



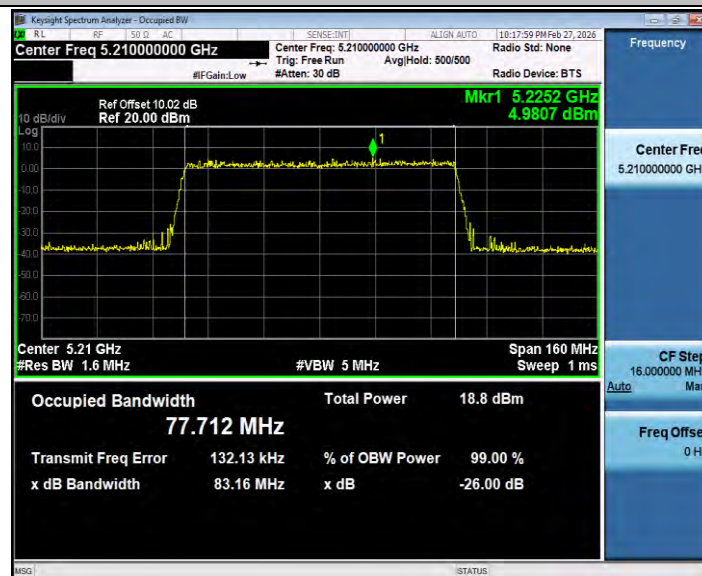
11AX40SISO_Ant1_5190



11AX40ISO_Ant1_5230



11AX80ISO_Ant1_5210

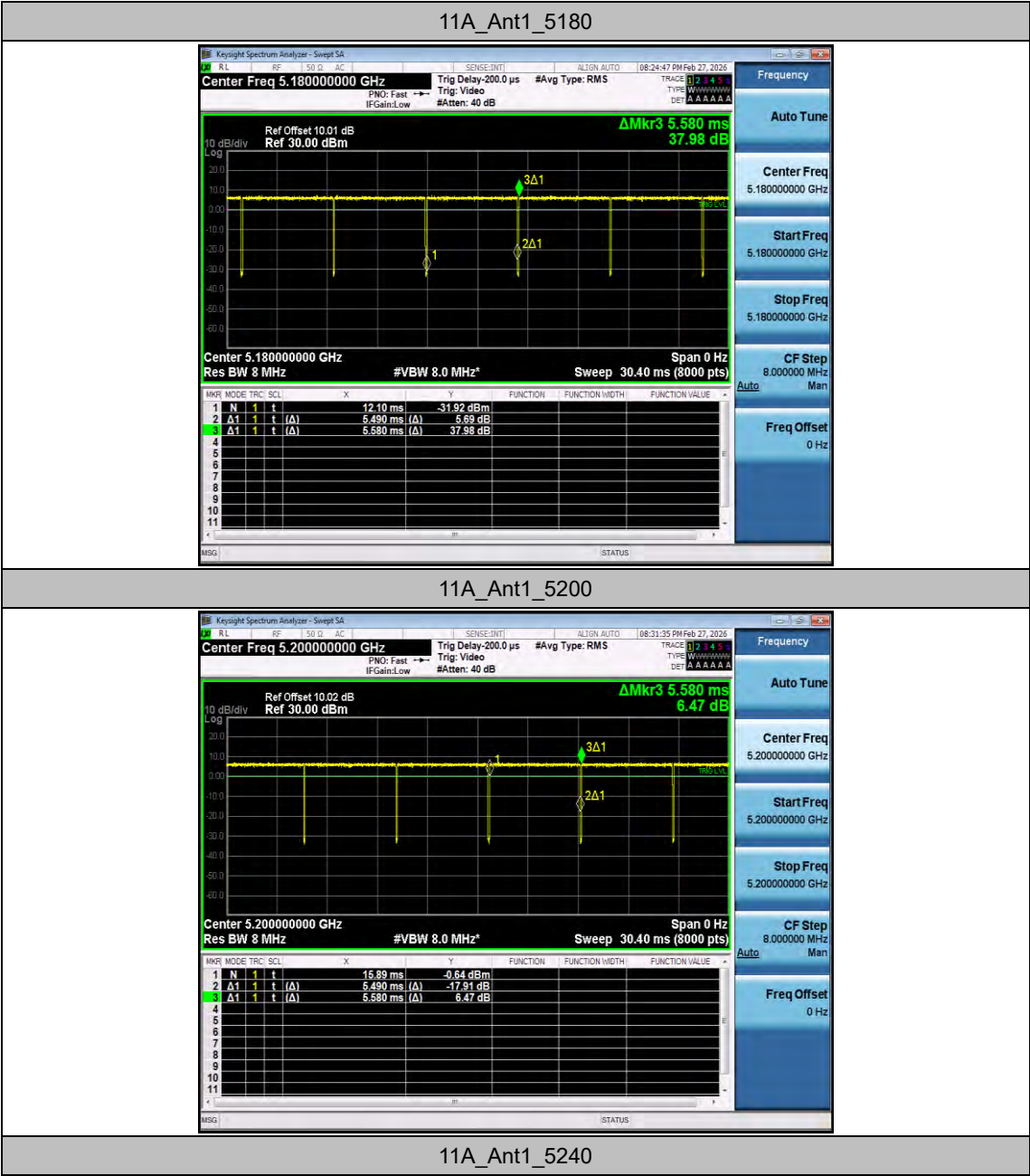


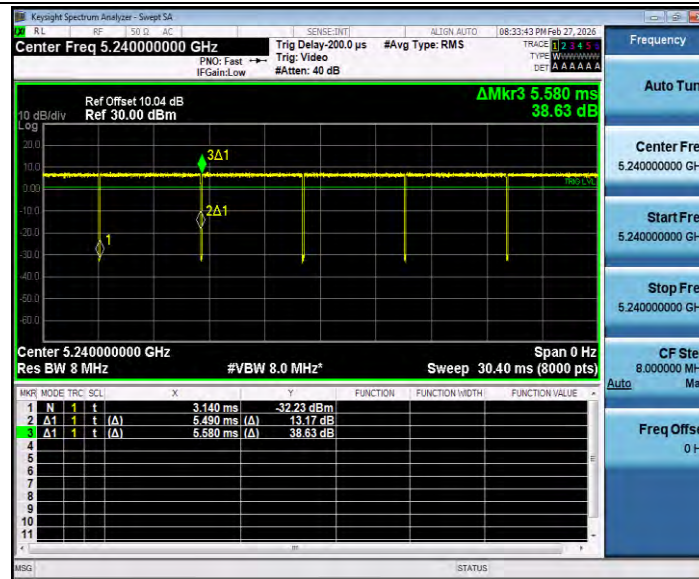
AppendixD.3: Duty Cycle

Test Result

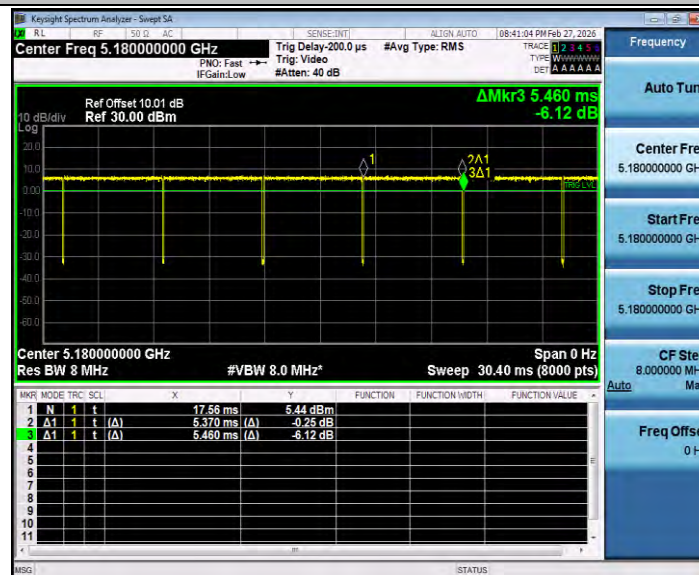
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5180	5.49	5.58	98.39	0.07	0.18
		5200	5.49	5.58	98.39	0.07	0.18
		5240	5.49	5.58	98.39	0.07	0.18
11N20SISO	Ant1	5180	5.37	5.46	98.35	0.07	0.19
		5200	5.37	5.46	98.35	0.07	0.19
		5240	5.37	5.46	98.35	0.07	0.19
11N40SISO	Ant1	5190	5.14	5.24	98.09	0.08	0.19
		5230	5.16	5.25	98.29	0.07	0.19
11AC20SISO	Ant1	5180	5.38	5.47	98.35	0.07	0.19
		5200	5.38	5.47	98.35	0.07	0.19
		5240	5.38	5.47	98.35	0.07	0.19
11AC40SISO	Ant1	5190	5.16	5.25	98.29	0.07	0.19
		5230	5.16	5.25	98.29	0.07	0.19
11AC80SISO	Ant1	5210	4.76	4.85	98.14	0.08	0.21
11AX20SISO	Ant1	5180	4.65	4.74	98.10	0.08	0.22
		5200	4.64	4.73	98.10	0.08	0.22
		5240	4.65	4.74	98.10	0.08	0.22
11AX40SISO	Ant1	5190	4.64	4.72	98.31	0.07	0.22
		5230	4.63	4.72	98.09	0.08	0.22
11AX80SISO	Ant1	5210	4.42	4.51	98.00	0.09	0.23

Test Graphs

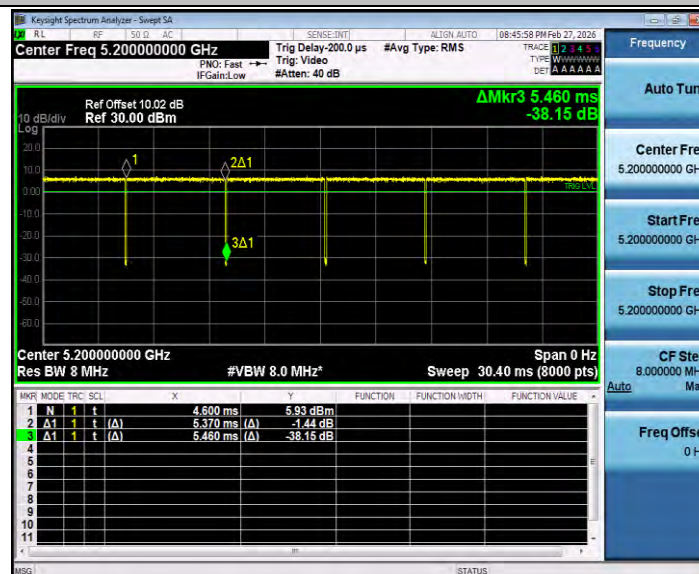




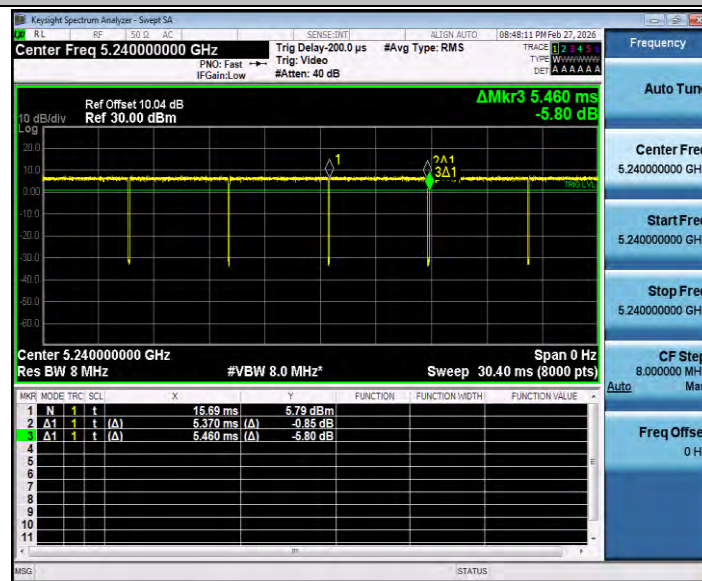
11N20SISO_Ant1_5180



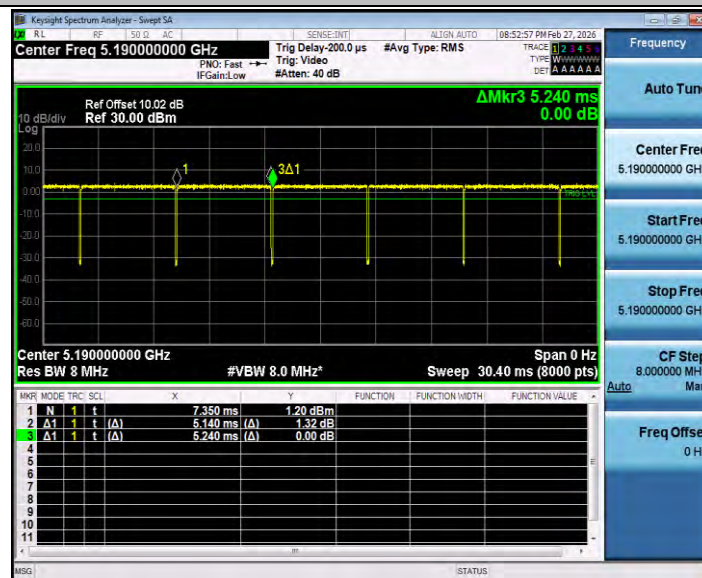
11N20SISO_Ant1_5200



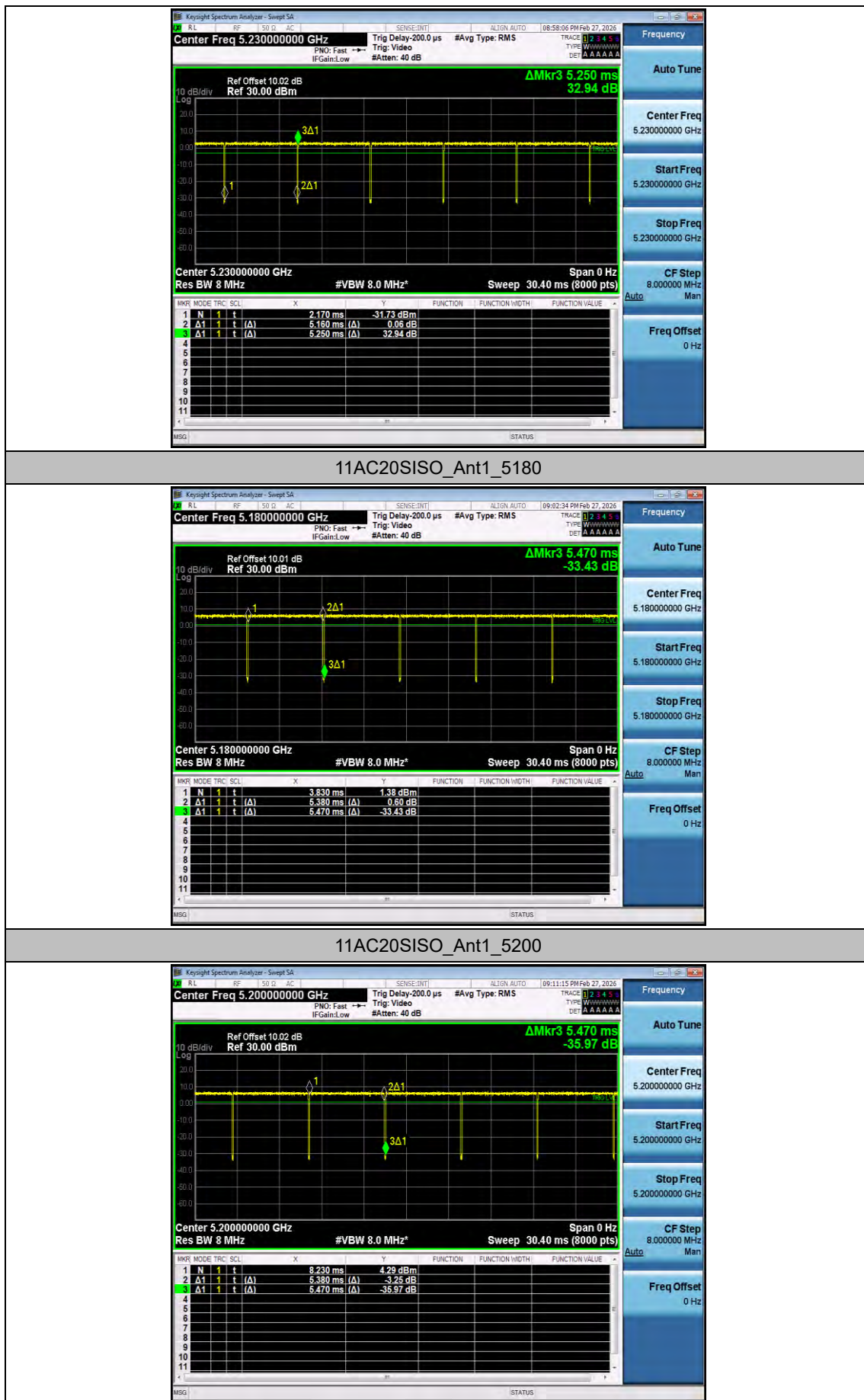
11N20SISO_Ant1_5240



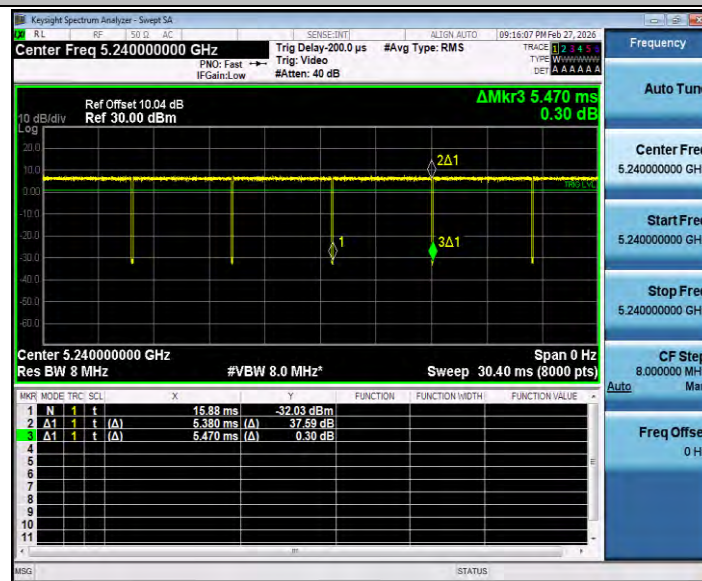
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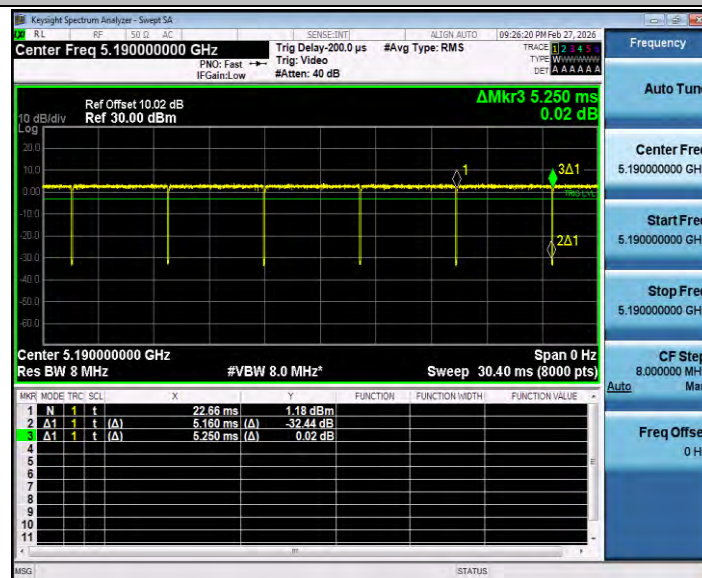
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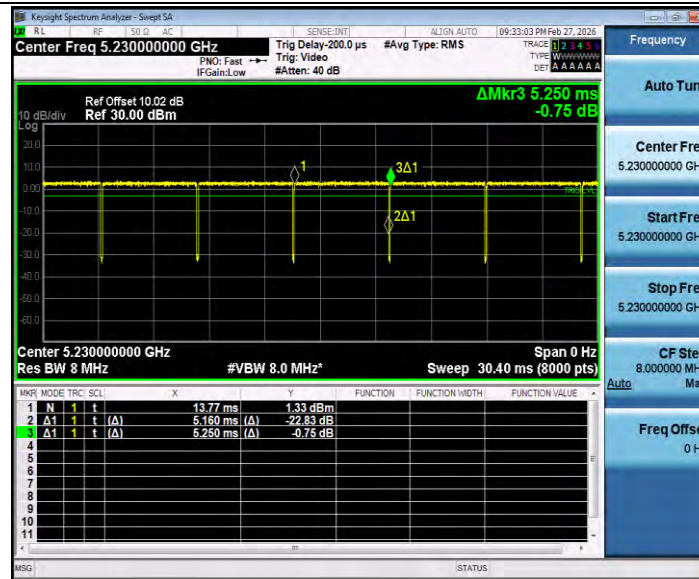
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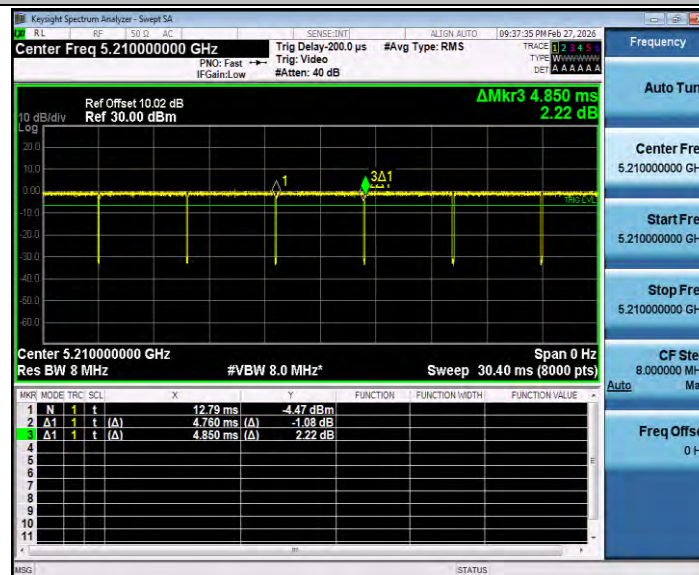
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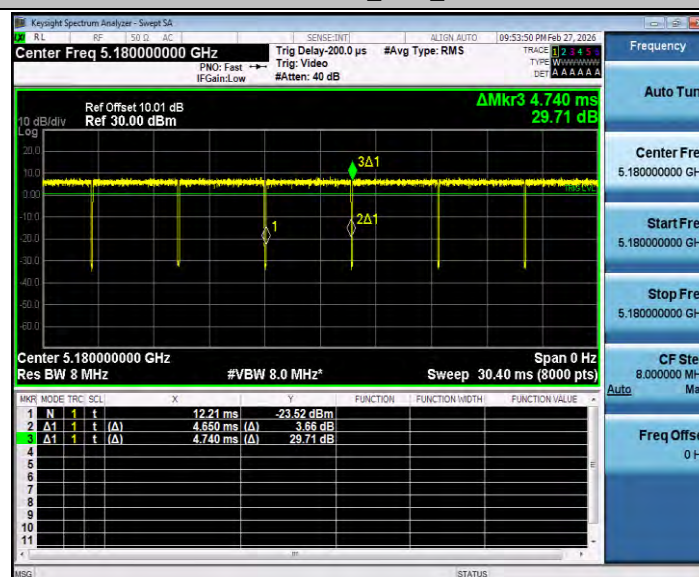
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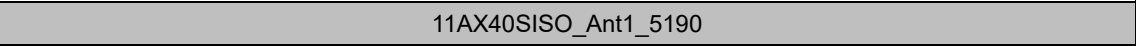
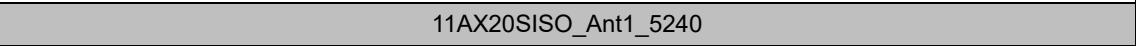


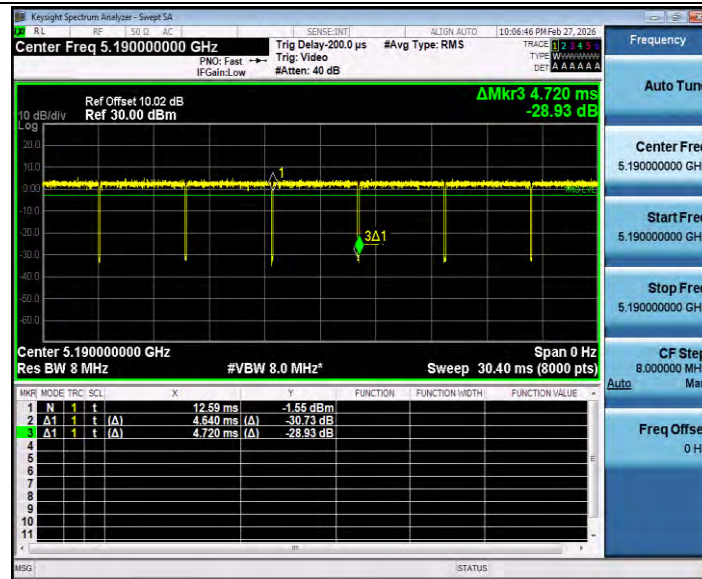
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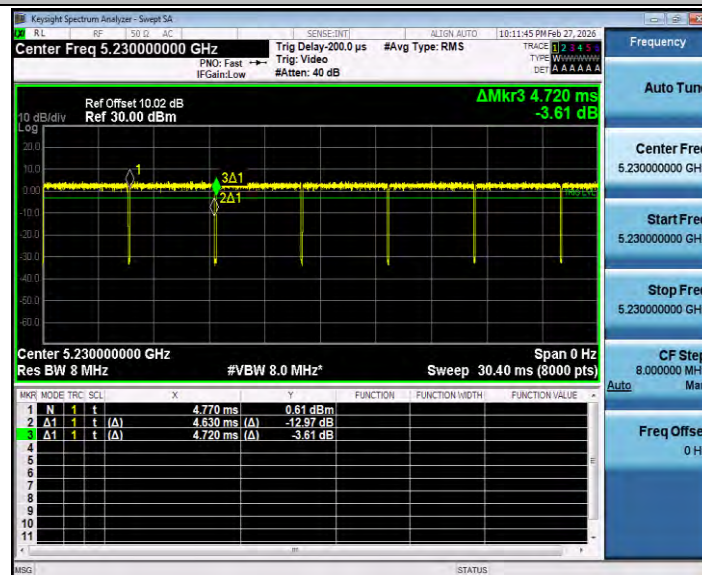
11AX20SISO_Ant1_5180







11AX40SISO_Ant1_5230



11AX80SISO_Ant1_5210

