

Case No. : <u>GTS20250225018-5-08</u>	
Ambient Condition: <u>23</u> °C, <u>52</u> %RH	
According Standard: ■Part15E	
Test Date: <u>2025.5.13</u>	Test Engineer: <u>Evan ouyang</u>

Appendix B.1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	22.680	5168.600	5191.280	---	---
		5200	23.080	5188.440	5211.520	---	---
		5240	22.760	5228.640	5251.400	---	---
11N20SISO	Ant1	5180	23.320	5168.320	5191.640	---	---
		5200	23.440	5188.520	5211.960	---	---
		5240	22.400	5228.720	5251.120	---	---
11N40SISO	Ant1	5190	42.960	5169.120	5212.080	---	---
		5230	42.720	5208.640	5251.360	---	---
11AC20SISO	Ant1	5180	23.880	5168.040	5191.920	---	---
		5200	23.080	5188.600	5211.680	---	---
		5240	23.240	5228.400	5251.640	---	---
11AC40SISO	Ant1	5190	43.040	5168.640	5211.680	---	---
		5230	43.040	5208.400	5251.440	---	---
11AC80SISO	Ant1	5210	83.840	5168.560	5252.400	---	---
11AX20SISO	Ant1	5180	23.520	5168.280	5191.800	---	---
		5200	22.760	5188.720	5211.480	---	---
		5240	23.360	5228.440	5251.800	---	---
11AX40SISO	Ant1	5190	41.520	5169.520	5211.040	---	---
		5230	41.200	5209.520	5250.720	---	---
11AX80SISO	Ant1	5210	82.080	5169.200	5251.280	---	---

Test Graphs



11A_Ant1_5200

Frequency

Auto Tune

Center Freq
5.20000000 GHzStart Freq
5.180000000 GHzStop Freq
5.220000000 GHzCF Step
4.000000 MHz
Auto ManFreq Offset
0 Hz

11A_Ant1_5240



11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



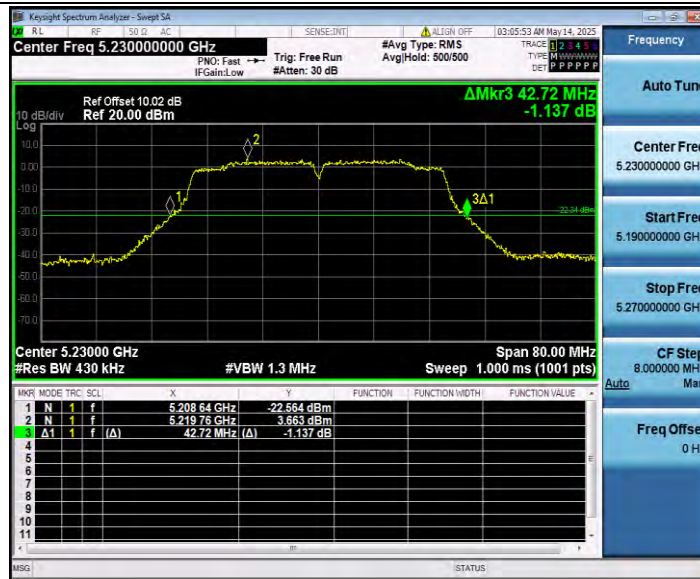
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11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



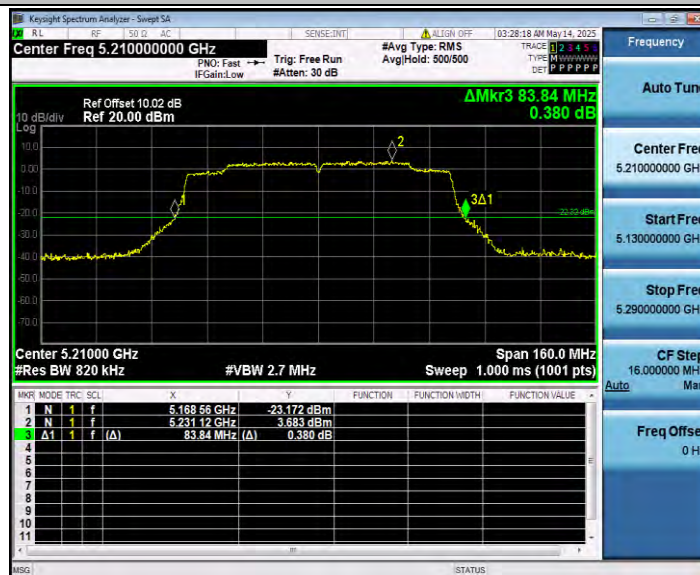
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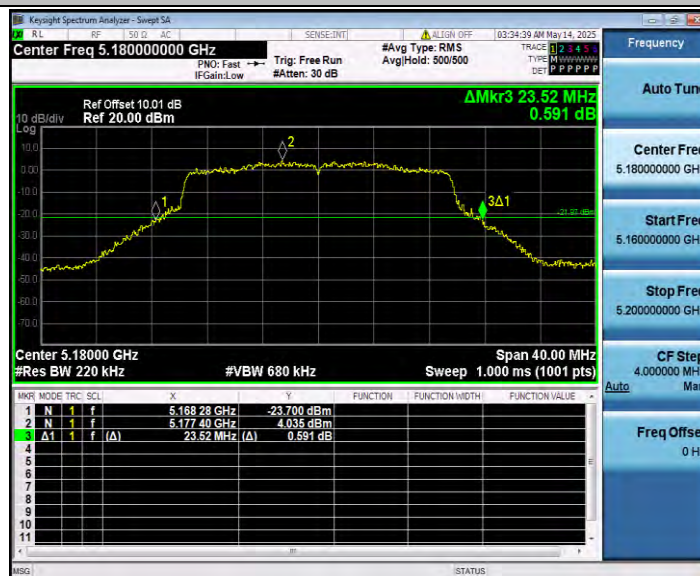
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11AC80SISO_Ant1_5210



11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5200



11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



Appendix B.2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.024	5171.4783	5188.5023	---	---
		5200	16.962	5191.5439	5208.5059	---	---
		5240	16.981	5231.5223	5248.5033	---	---
11N20SISO	Ant1	5180	17.964	5171.0289	5188.9929	---	---
		5200	17.978	5191.0231	5209.0011	---	---
		5240	17.949	5231.0527	5249.0017	---	---
11N40SISO	Ant1	5190	36.259	5171.9190	5208.1780	---	---
		5230	36.227	5211.9505	5248.1775	---	---
11AC20SISO	Ant1	5180	17.988	5171.0050	5188.9930	---	---
		5200	17.990	5191.0303	5209.0203	---	---
		5240	18.005	5231.0339	5249.0389	---	---
11AC40SISO	Ant1	5190	36.227	5171.9741	5208.2011	---	---
		5230	36.220	5211.9791	5248.1991	---	---
11AC80SISO	Ant1	5210	75.166	5172.6354	5247.8014	---	---
11AX20SISO	Ant1	5180	19.033	5170.4894	5189.5224	---	---
		5200	18.970	5190.5206	5209.4906	---	---
		5240	18.976	5230.5096	5249.4856	---	---
11AX40SISO	Ant1	5190	37.664	5171.2346	5208.8986	---	---
		5230	37.677	5211.2165	5248.8935	---	---
11AX80SISO	Ant1	5210	76.788	5171.7647	5248.5527	---	---

Test Graphs

11A_Ant1_5180



11A_Ant1_5200



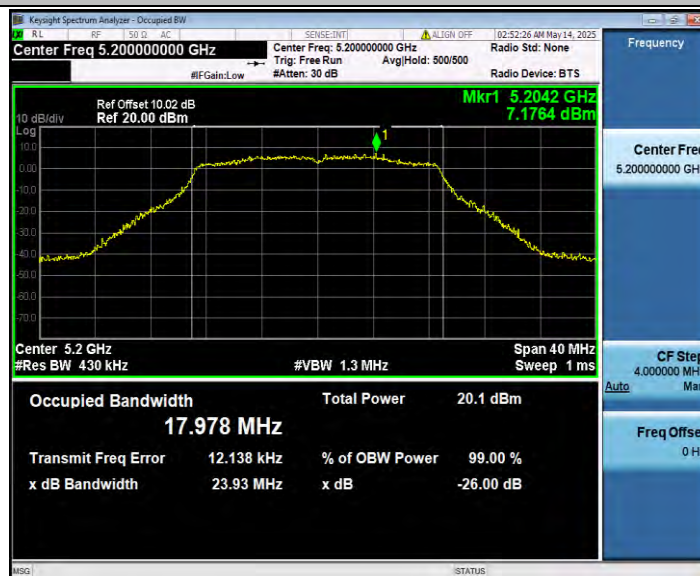
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11N20SISO_Ant1_5180



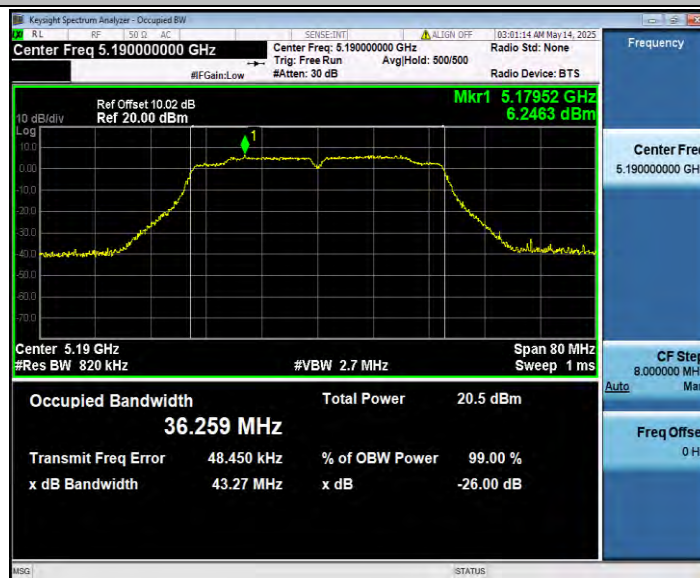
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11N20SISO_Ant1_5240



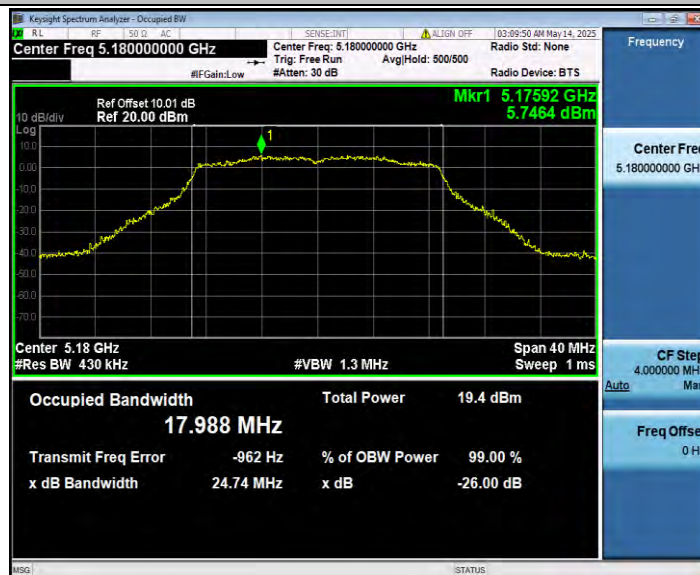
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11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



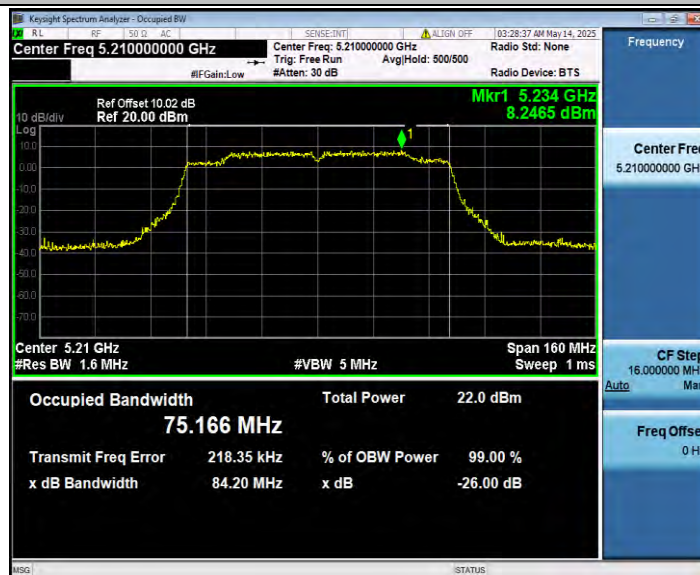
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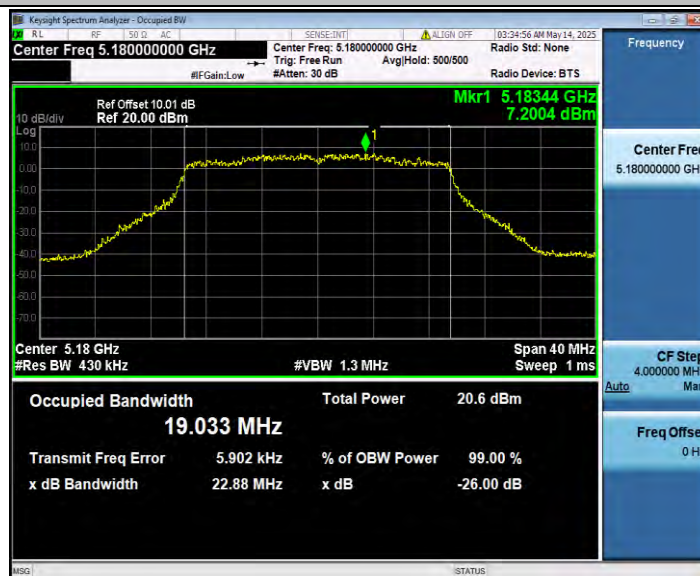
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11AC80SISO_Ant1_5210



11AX20SISO_Ant1_5180



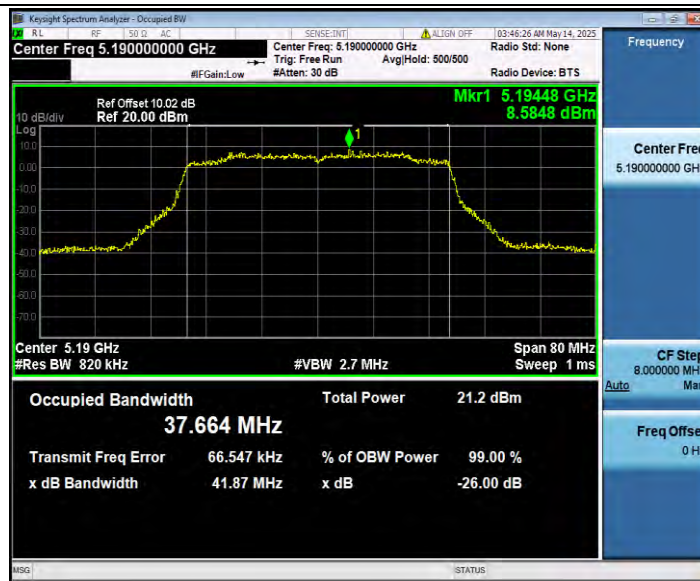
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11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40ISO_Ant1_5230



11AX80ISO_Ant1_5210

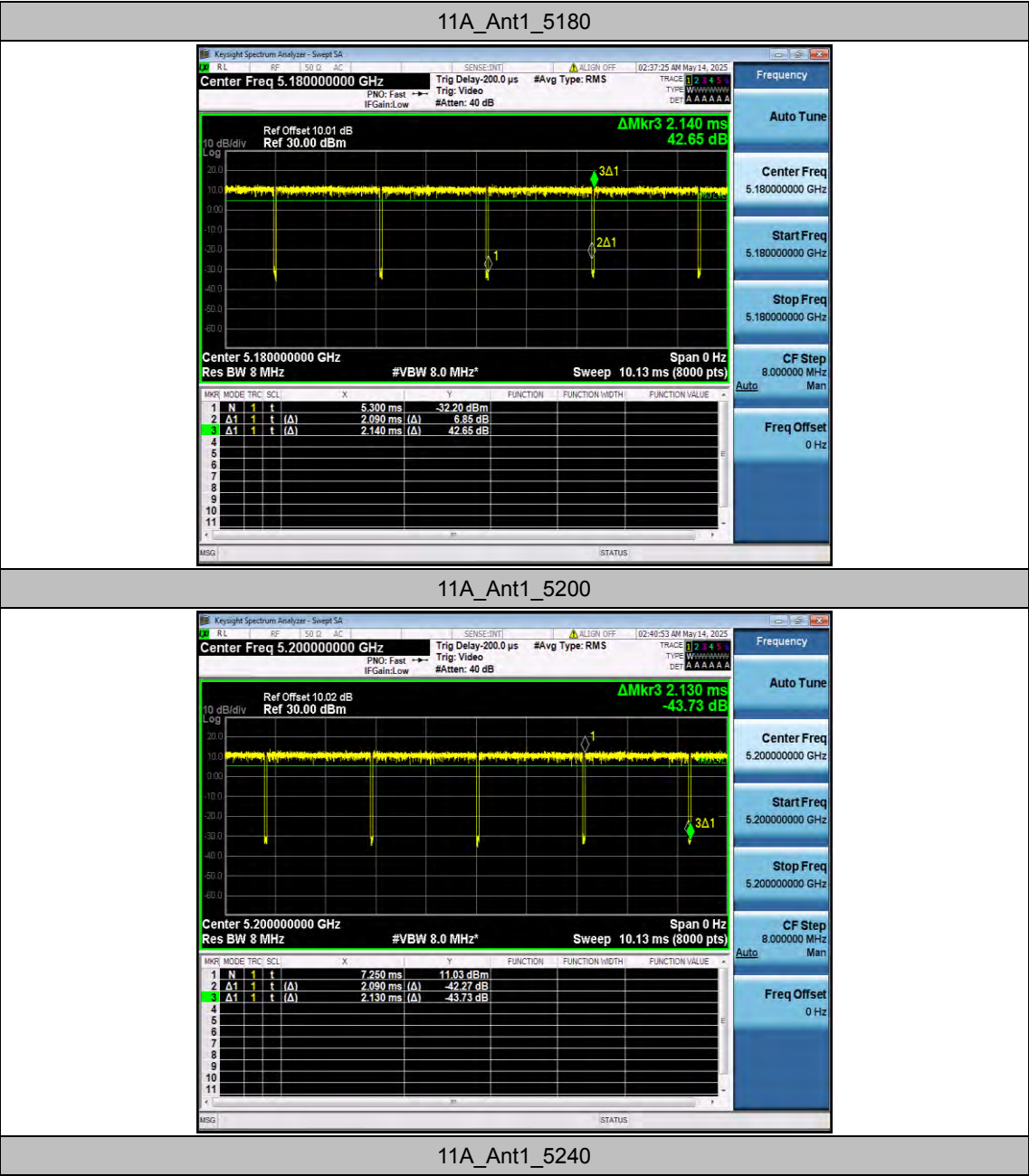


Appendix B.3: Duty Cycle

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	2.09	2.14	97.66	0.10	0.48
		5200	2.09	2.13	98.12	0.08	0.48
		5240	2.09	2.13	98.12	0.08	0.48
11N20SISO	Ant1	5180	3.98	4.03	98.76	0.05	0.25
		5200	3.98	4.03	98.76	0.05	0.25
		5240	3.98	4.03	98.76	0.05	0.25
11N40SISO	Ant1	5190	3.97	4.02	98.76	0.05	0.25
		5230	3.97	4.02	98.76	0.05	0.25
11AC20SISO	Ant1	5180	3.95	3.99	99.00	0.04	0.25
		5200	3.94	3.99	98.75	0.05	0.25
		5240	3.94	3.99	98.75	0.05	0.25
11AC40SISO	Ant1	5190	3.96	4.01	98.75	0.05	0.25
		5230	3.96	4.01	98.75	0.05	0.25
11AC80SISO	Ant1	5210	3.97	4.01	99.00	0.04	0.25
11AX20SISO	Ant1	5180	3.98	4.03	98.76	0.05	0.25
		5200	3.98	4.03	98.76	0.05	0.25
		5240	3.98	4.03	98.76	0.05	0.25
11AX40SISO	Ant1	5190	3.99	4.03	99.01	0.04	0.25
		5230	3.98	4.03	98.76	0.05	0.25
11AX80SISO	Ant1	5210	3.98	4.03	98.76	0.05	0.25

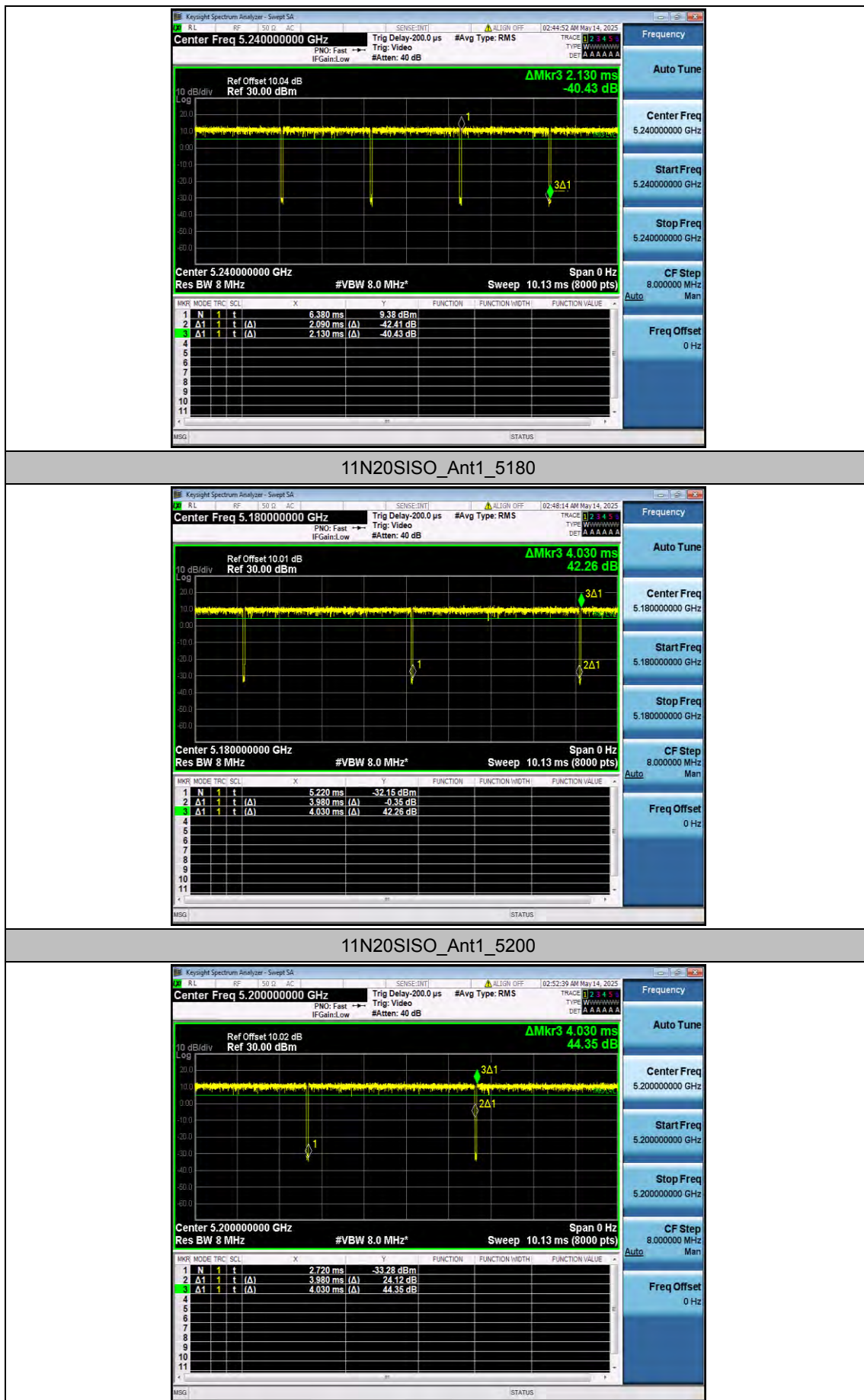
Test Graphs



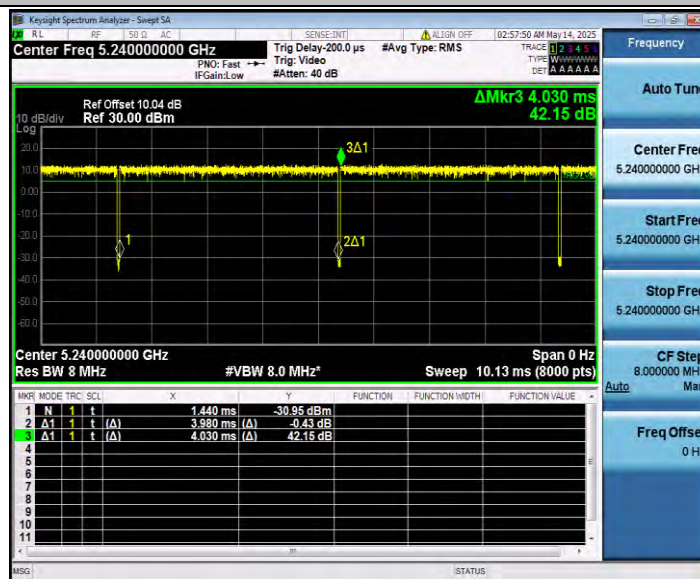
11A_Ant1_5200

Frequency
Auto Tune
Center Freq 5.200000000 GHz
Start Freq 5.200000000 GHz
Stop Freq 5.200000000 GHz
CF Step 8.0000000 MHz
Freq Offset 0 Hz

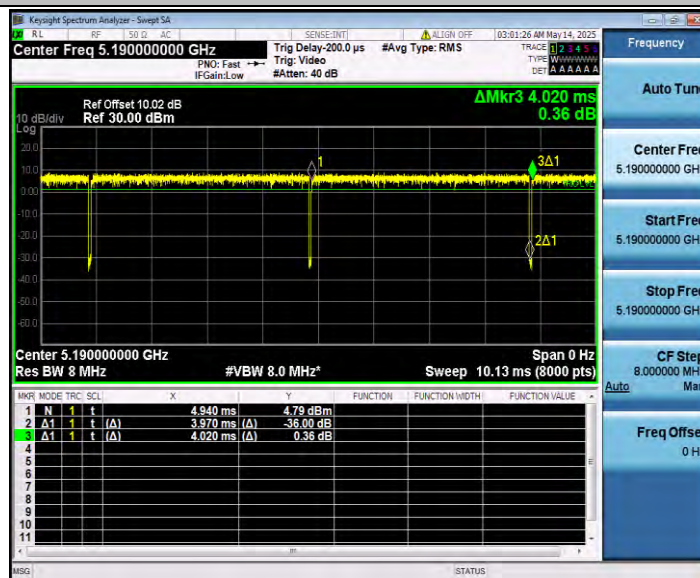
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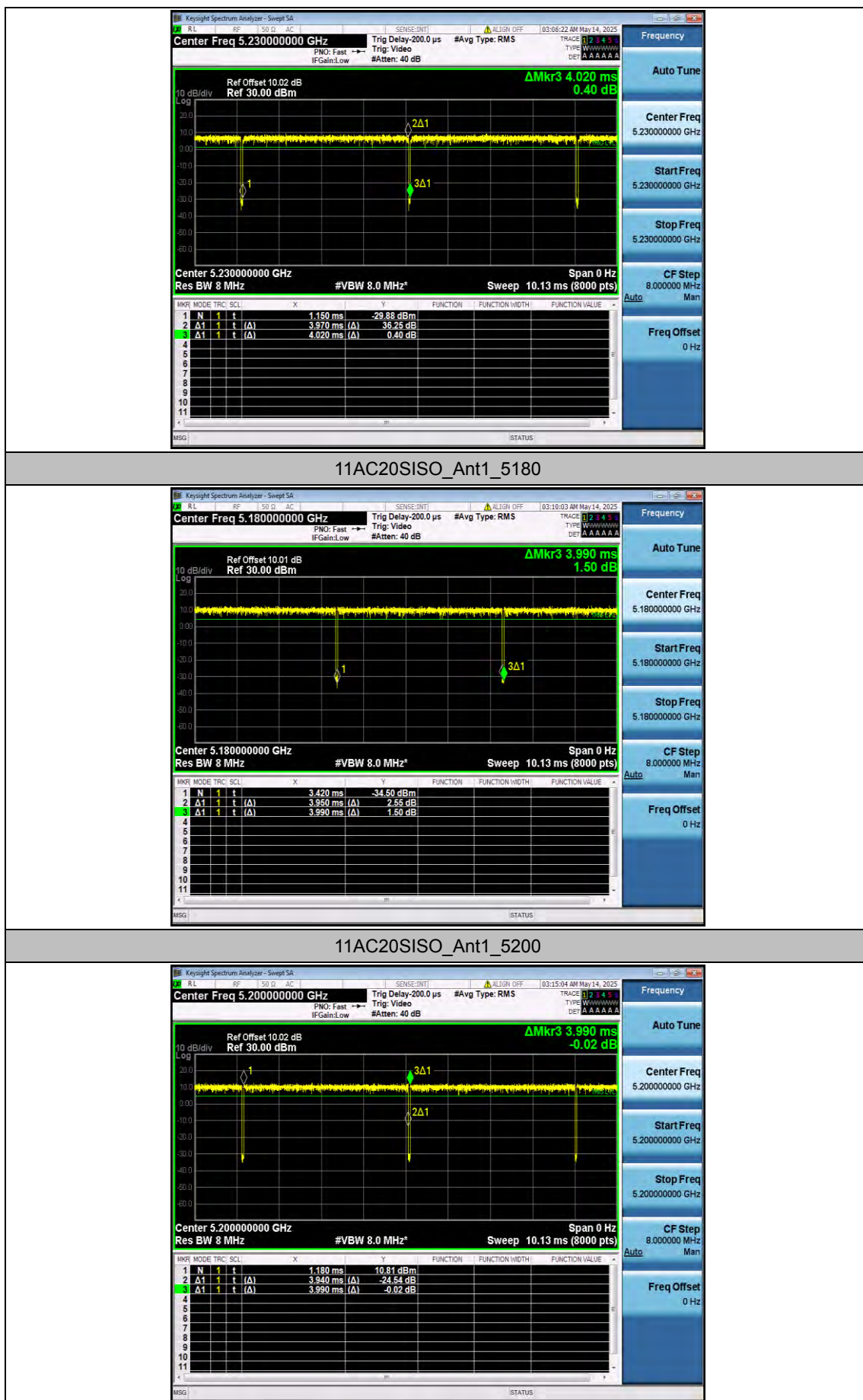
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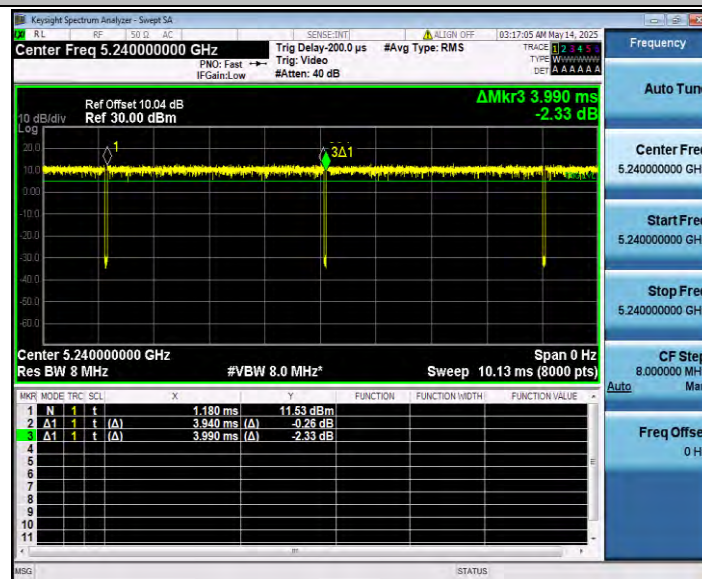
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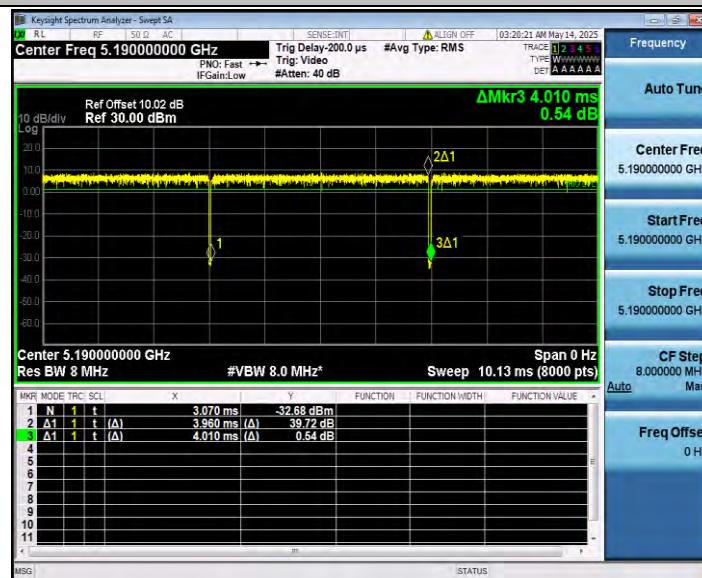
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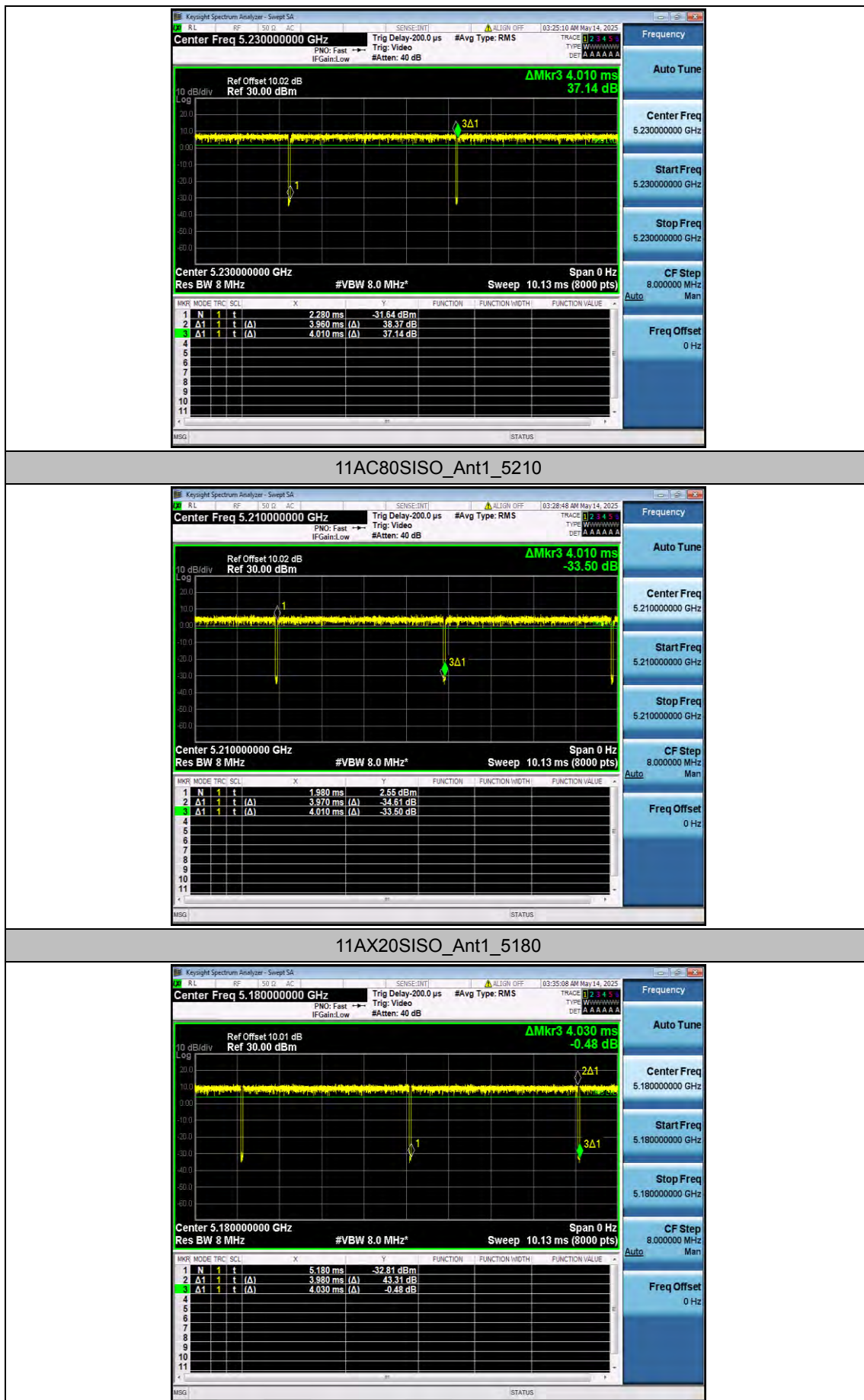
11AC20SISO_Ant1_5240



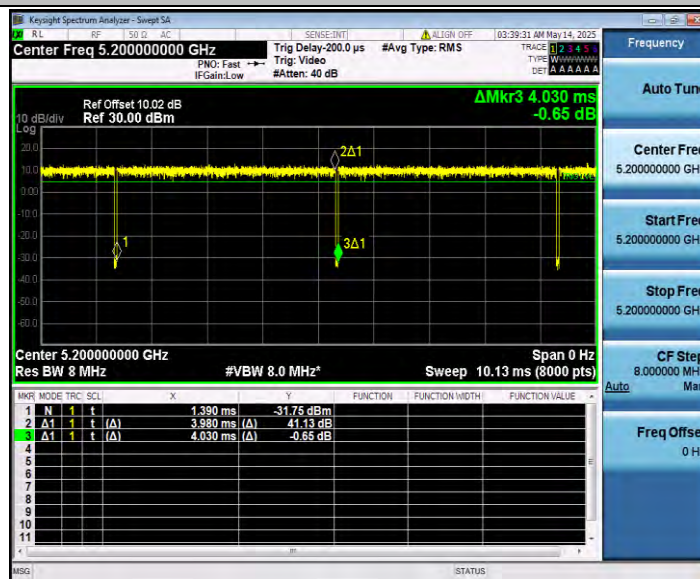
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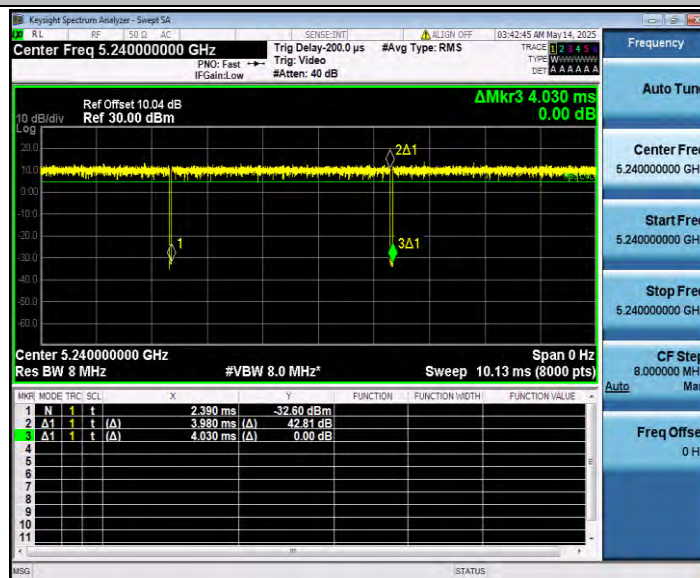
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11AX20SISO_Ant1_5200



11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190

