

Case No. : <u>GTS20230520008-1-4</u>	
Ambient Condition: <u>23</u> °C, <u>49</u> %RH, Atmos100.1Kpa,	
Test Date: <u>2023.6.21</u>	Test Engineer: <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	Ant2	5180	22.640	5168.680	5191.320	---	---
		5200	23.080	5188.480	5211.560	---	---
		5240	22.760	5228.480	5251.240	---	---
11N20SISO	Ant2	5180	22.840	5168.680	5191.520	---	---
		5200	22.920	5188.920	5211.840	---	---
		5240	22.840	5228.480	5251.320	---	---
11N40SISO	Ant2	5190	42.640	5168.880	5211.520	---	---
		5230	43.040	5208.480	5251.520	---	---
11AC20SISO	Ant2	5180	23.560	5168.600	5192.160	---	---
		5200	23.200	5188.400	5211.600	---	---
		5240	23.280	5228.240	5251.520	---	---
11AC40SISO	Ant2	5190	43.040	5168.800	5211.840	---	---
		5230	42.800	5209.040	5251.840	---	---
11AC80SISO	Ant2	5210	84.320	5167.600	5251.920	---	---
11AX20SISO	Ant2	5180	23.080	5169.080	5192.160	---	---
		5200	22.360	5189.240	5211.600	---	---
		5240	22.200	5228.840	5251.040	---	---
11AX40SISO	Ant2	5190	42.880	5169.200	5212.080	---	---
		5230	43.040	5207.680	5250.720	---	---
11AX80SISO	Ant2	5210	81.600	5169.360	5250.960	---	---

Test Graphs



11A_Ant2_5180



11A_Ant2_5200



11A_Ant2_5240



11N20SISO_Ant2_5180



11N20SISO_Ant2_5200



11N20SISO_Ant2_5240



11N40SISO_Ant2_5190



11N40SISO_Ant2_5230



11AC20SISO_Ant2_5180



11AC20SISO_Ant2_5200



11AC20SISO_Ant2_5240



11AC40SISO_Ant2_5190



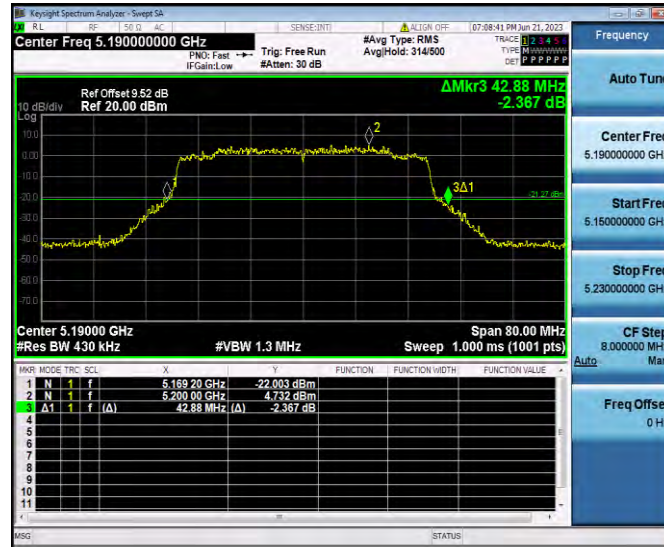
11AX20SISO_Ant2_5180



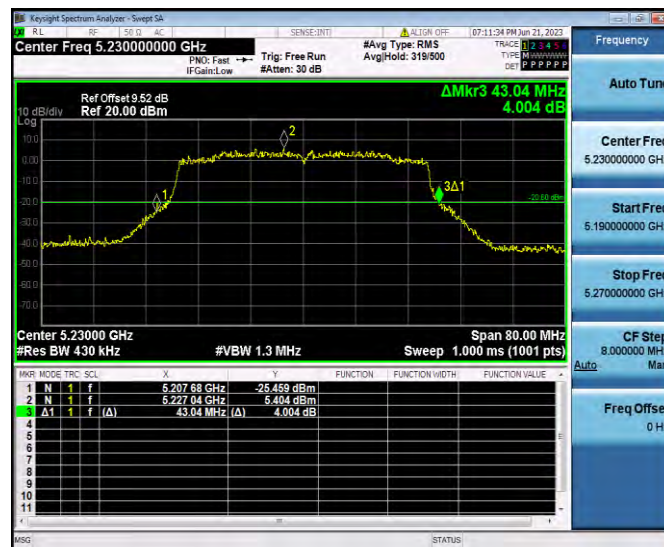
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11AX20SISO_Ant2_5240



11AX40SISO_Ant2_5190



11AX40SISO_Ant2_5230



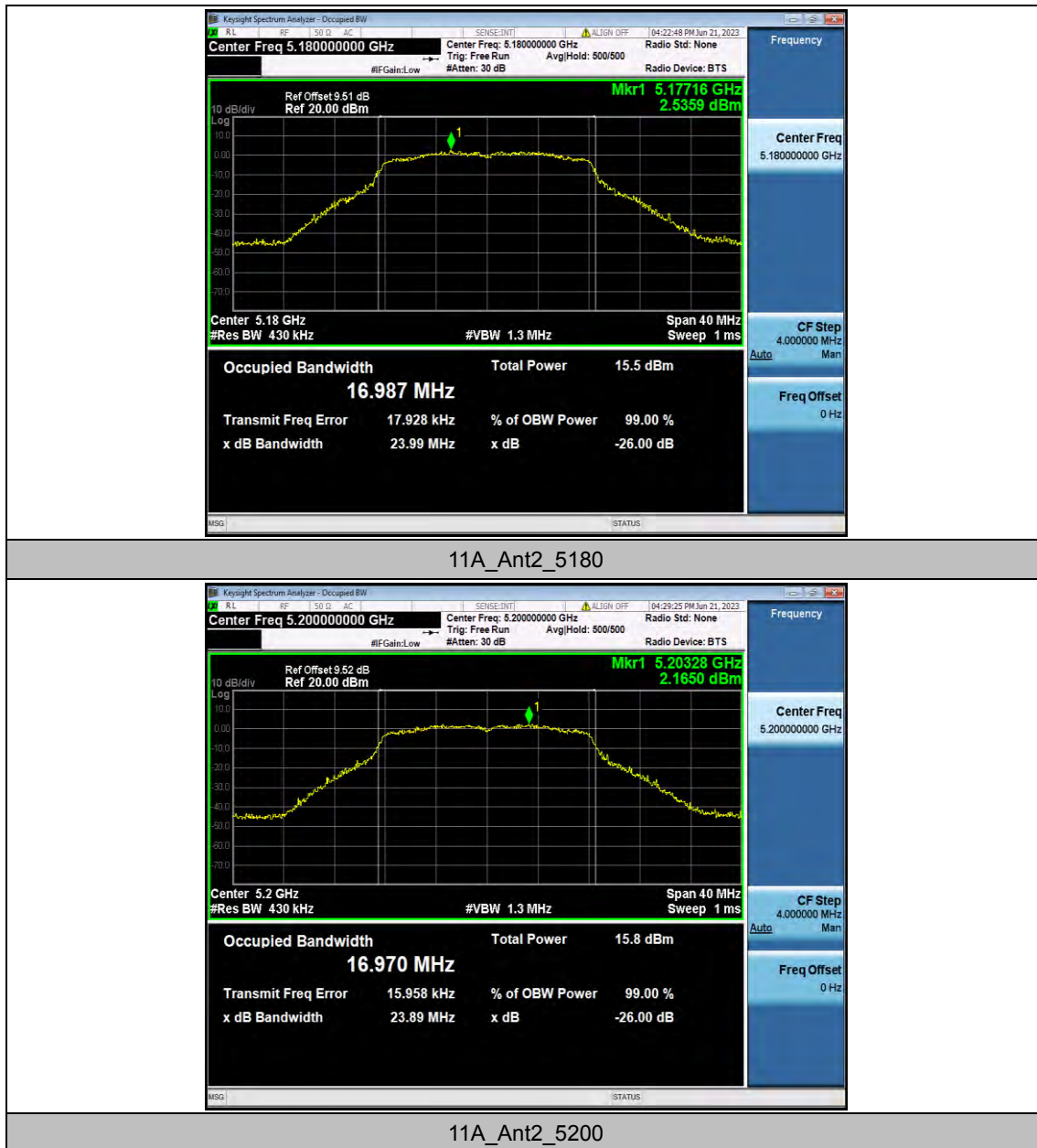
11AX80SISO_Ant2_5210

Appendix D.2: Occupied channel bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5180	16.987	5171.524	5188.511	---	---
		5200	16.970	5191.531	5208.501	---	---
		5240	17.024	5231.452	5248.476	---	---
11N20SISO	Ant2	5180	18.019	5171.026	5189.045	---	---
		5200	18.005	5191.044	5209.049	---	---
		5240	18.051	5230.974	5249.025	---	---
11N40SISO	Ant2	5190	36.200	5171.924	5208.124	---	---
		5230	36.177	5211.920	5248.097	---	---
11AC20SISO	Ant2	5180	18.039	5171.011	5189.050	---	---
		5200	18.071	5190.995	5209.066	---	---
		5240	18.031	5230.958	5248.989	---	---
11AC40SISO	Ant2	5190	36.214	5171.901	5208.115	---	---
		5230	36.194	5211.894	5248.088	---	---
11AC80SISO	Ant2	5210	75.083	5172.476	5247.559	---	---
11AX20SISO	Ant2	5180	18.996	5170.520	5189.516	---	---
		5200	18.965	5190.529	5209.494	---	---
		5240	19.000	5230.489	5249.489	---	---
11AX40SISO	Ant2	5190	37.683	5171.165	5208.848	---	---
		5230	37.545	5211.240	5248.785	---	---
11AX80SISO	Ant2	5210	76.798	5171.684	5248.482	---	---

Test Graphs





11A_Ant2_5240



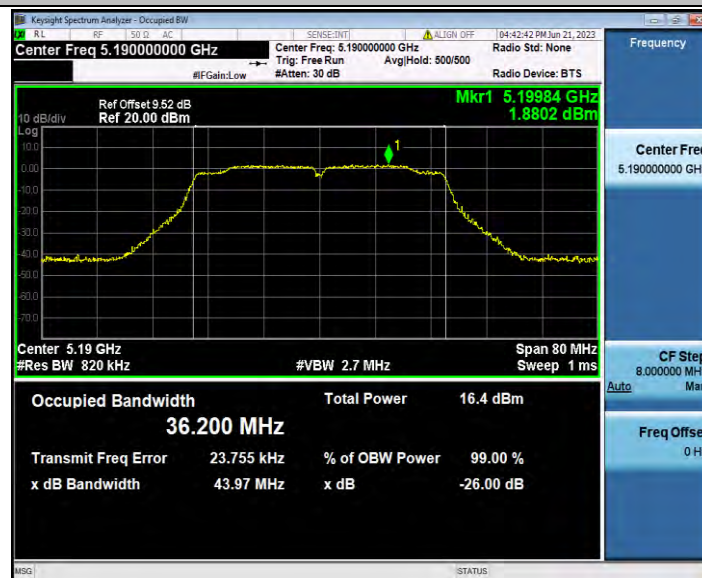
11N20SISO_Ant2_5180



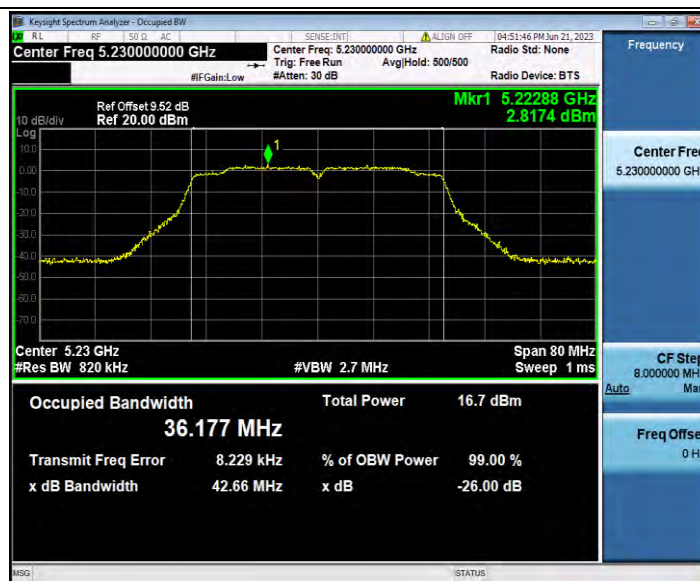
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11N20SISO_Ant2_5240



11N40SISO_Ant2_5190



11N40SISO_Ant2_5230



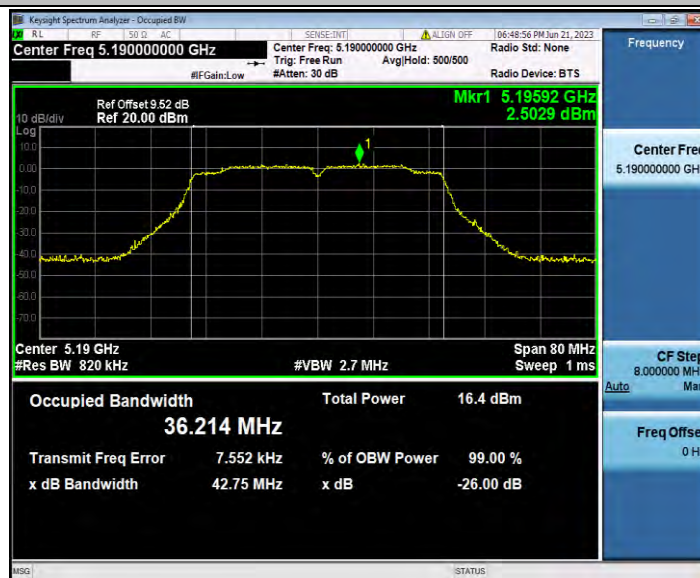
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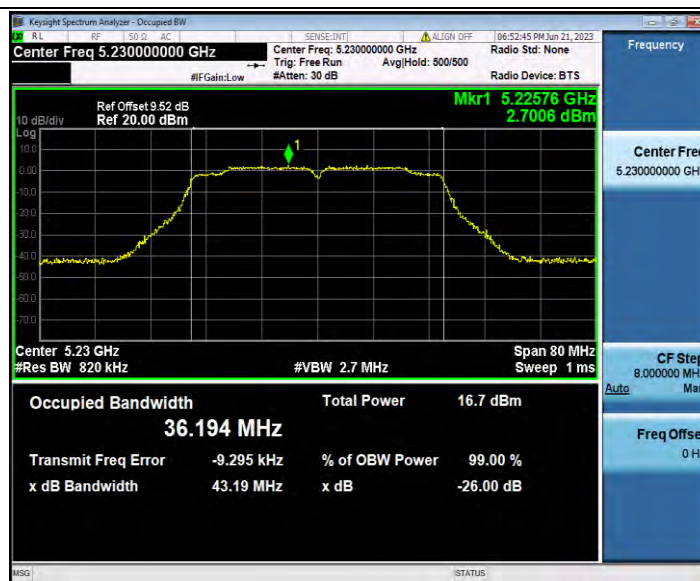
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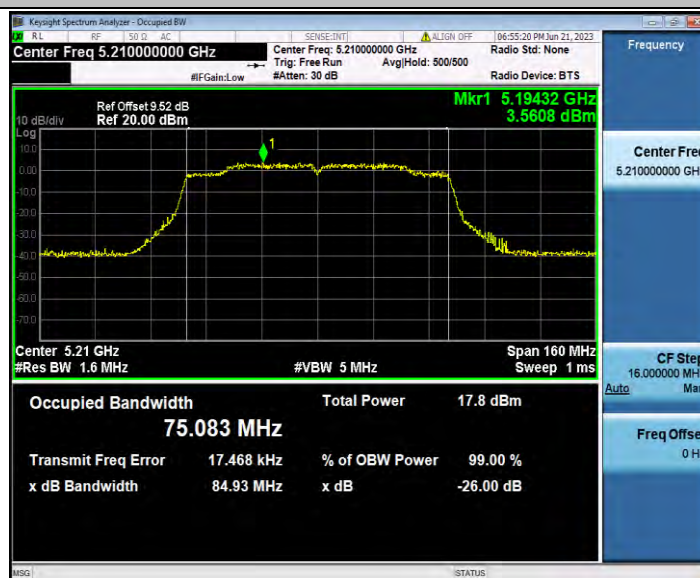
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11AC40SISO_Ant2_5190



11AC40SISO_Ant2_5230



11AC80SISO_Ant2_5210



11AX20SISO_Ant2_5180



11AX20SISO_Ant2_5200



11AX20SISO_Ant2_5240



11AX40SISO_Ant2_5190



11AX40SISO_Ant2_5230



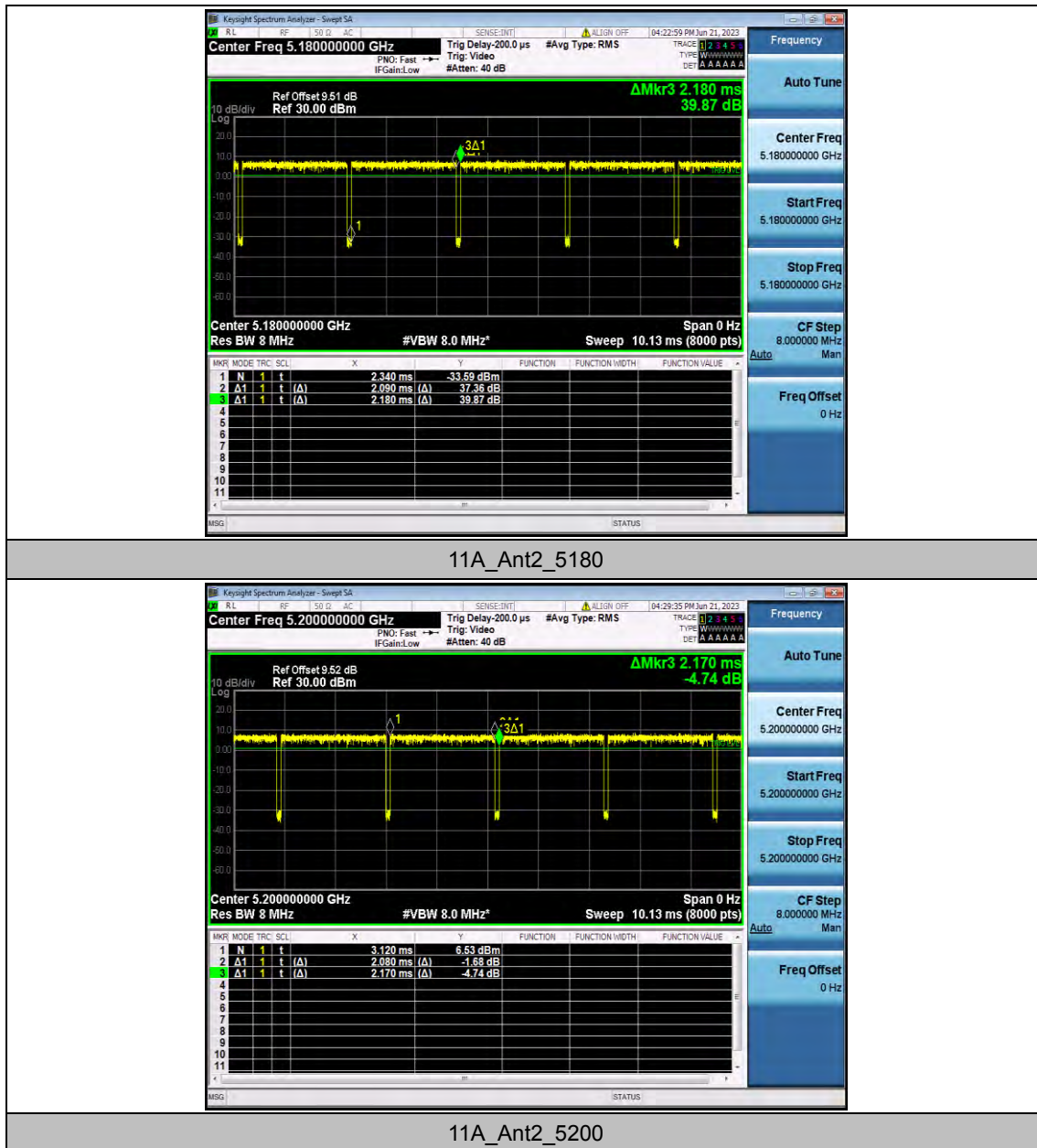
11AX80SISO_Ant2_5210

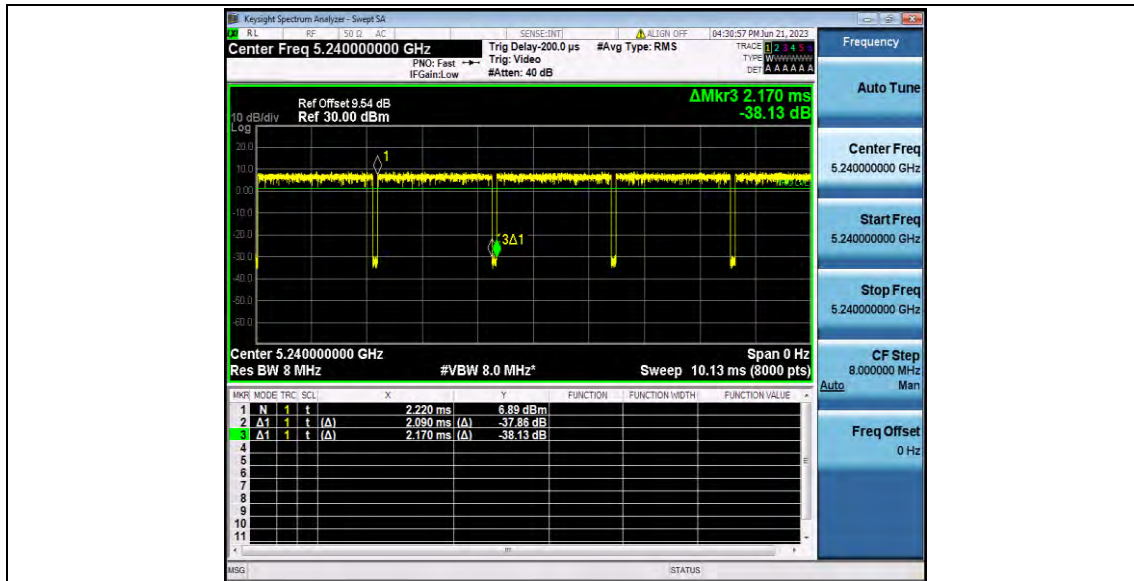
Appendix D.3: Duty Cycle

Test Result

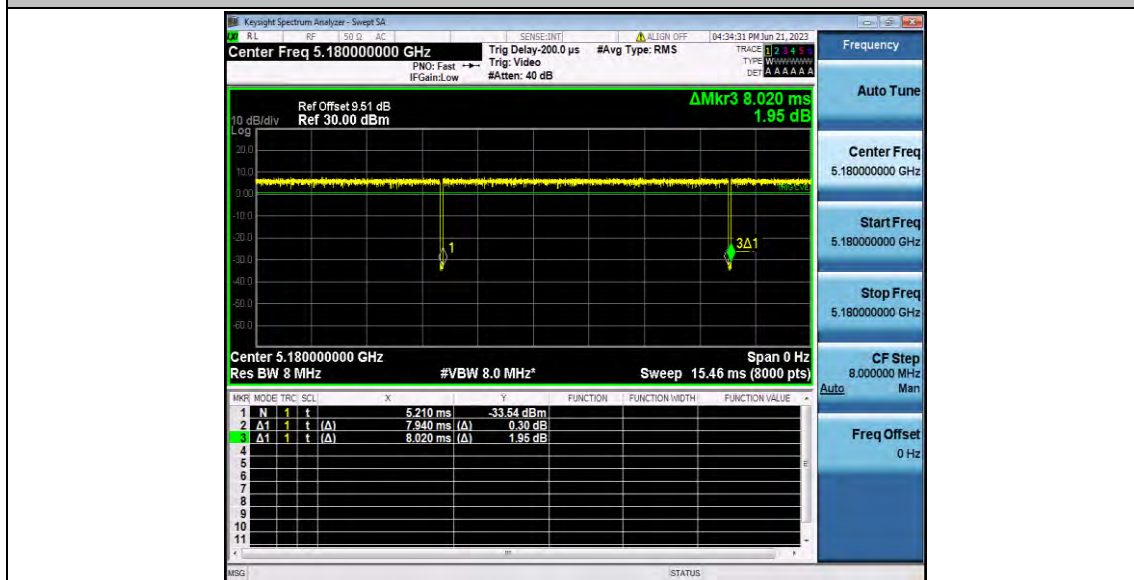
Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant2	5180	2.09	2.18	95.87
		5200	2.08	2.17	95.85
		5240	2.09	2.17	96.31
11N20SISO	Ant2	5180	7.94	8.02	99.00
		5200	7.93	8.02	98.88
		5240	7.93	8.02	98.88
11N40SISO	Ant2	5190	7.93	8.02	98.88
		5230	7.93	8.02	98.88
11AC20SISO	Ant2	5180	7.93	8.01	99.00
		5200	7.92	8.01	98.88
		5240	7.93	8.01	99.00
11AC40SISO	Ant2	5190	7.91	8.00	98.88
		5230	7.91	8.00	98.88
11AC80SISO	Ant2	5210	7.93	8.02	98.88
11AX20SISO	Ant2	5180	7.92	8.00	99.00
		5200	7.91	8.00	98.88
		5240	7.91	8.00	98.88
11AX40SISO	Ant2	5190	7.92	8.01	98.88
		5230	7.93	8.01	99.00
11AX80SISO	Ant2	5210	7.93	8.02	98.88

Test Graphs

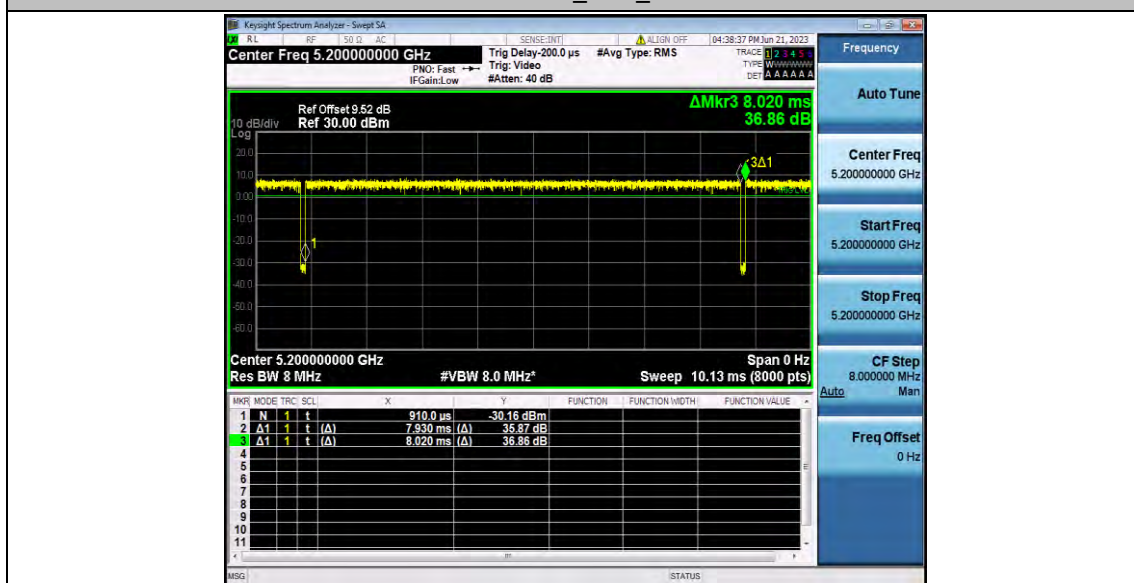


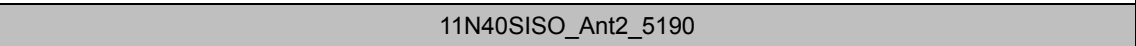
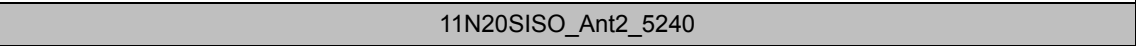


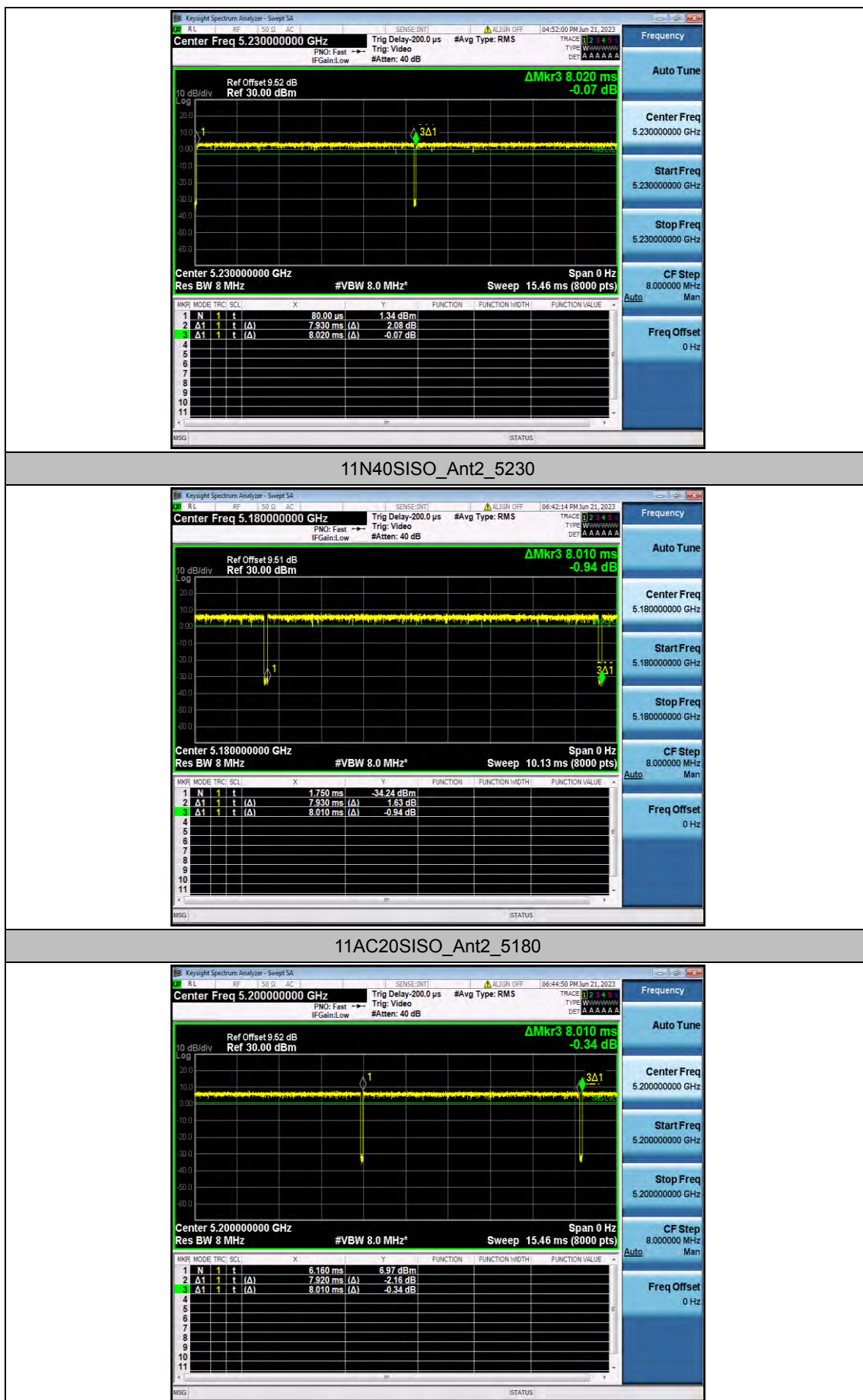
11A_Ant2_5240



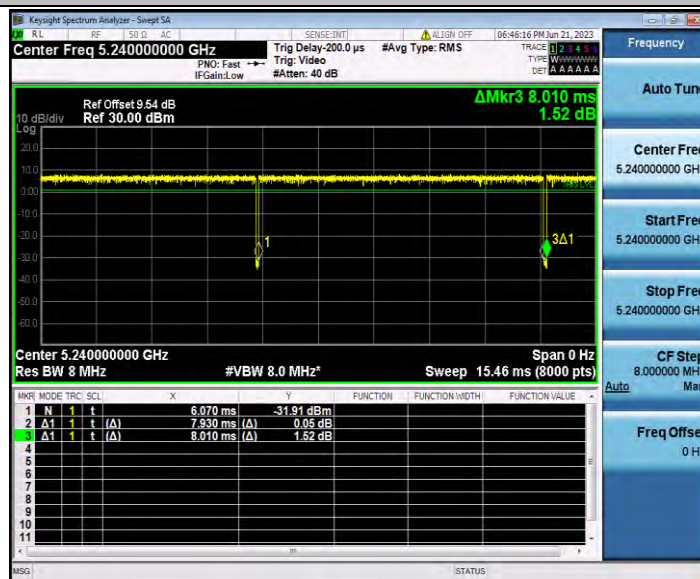
11N20SISO_Ant2_5180



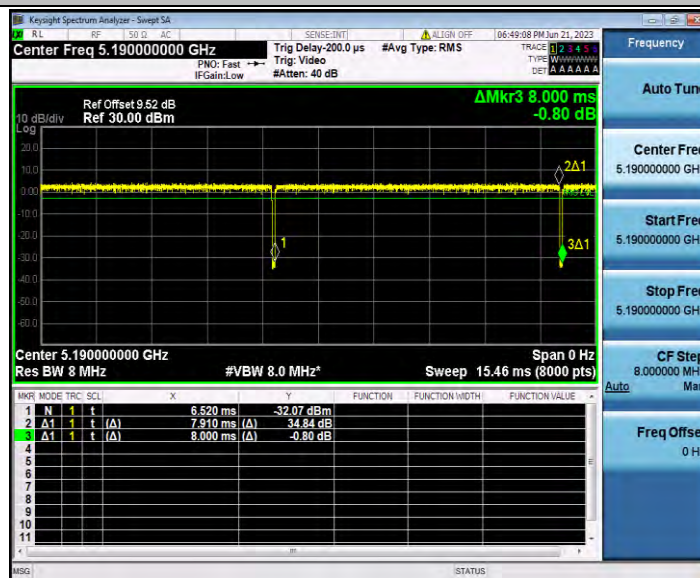




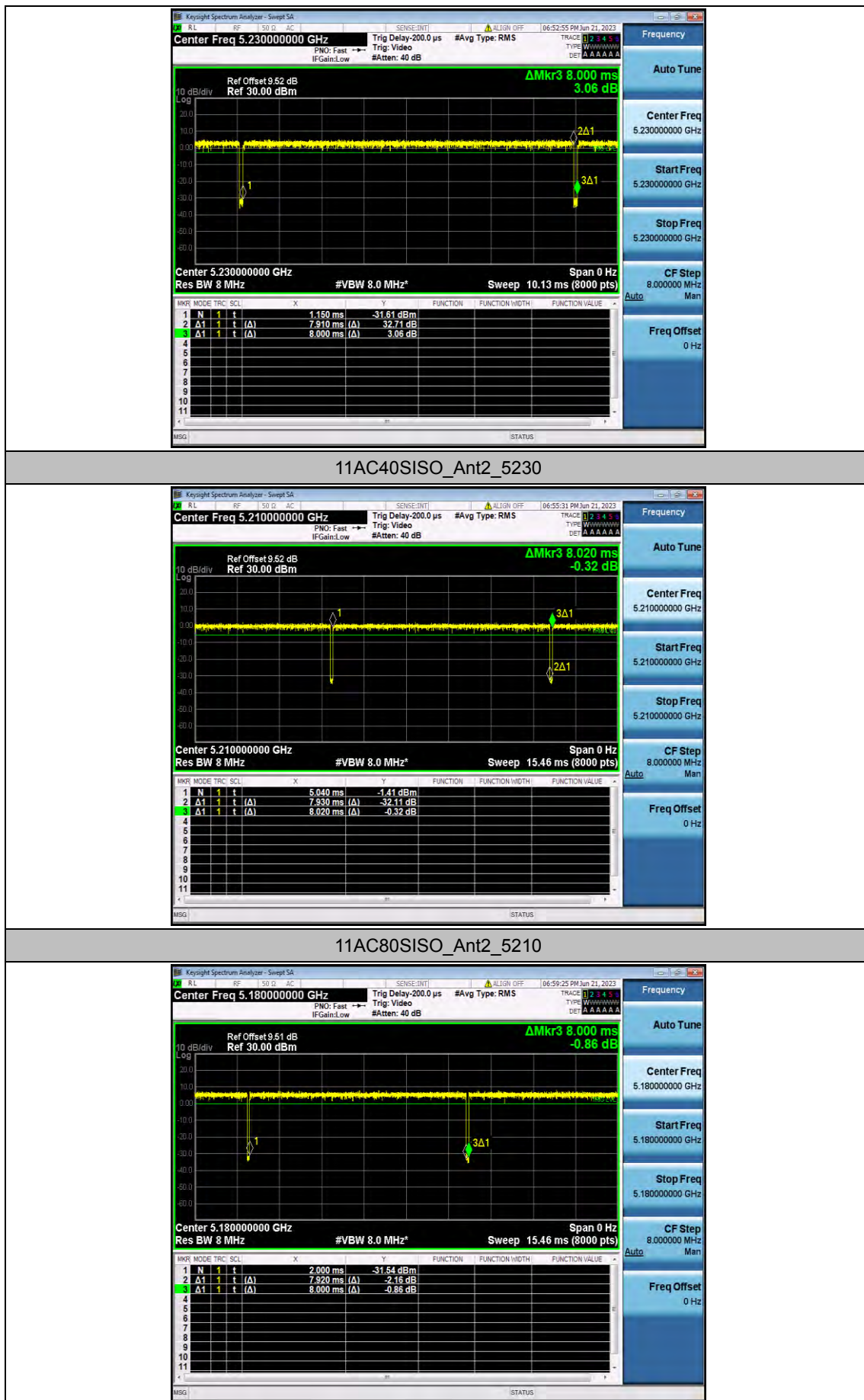
11AC20SISO_Ant2_5200



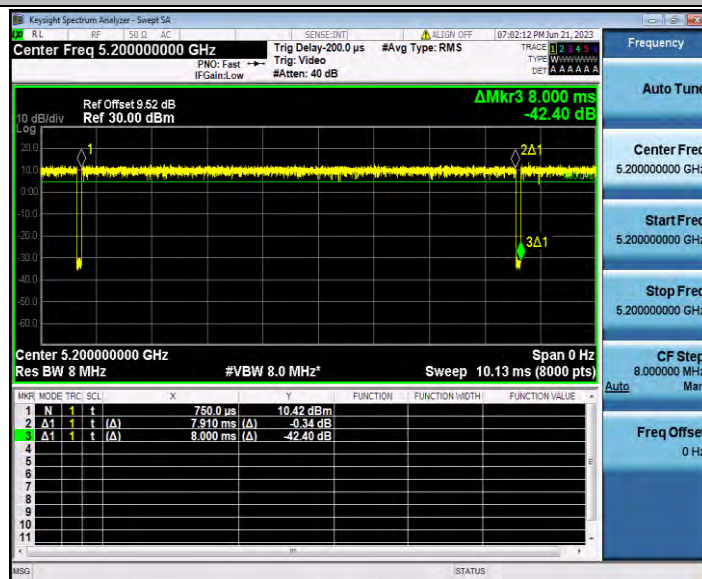
11AC20SISO_Ant2_5240



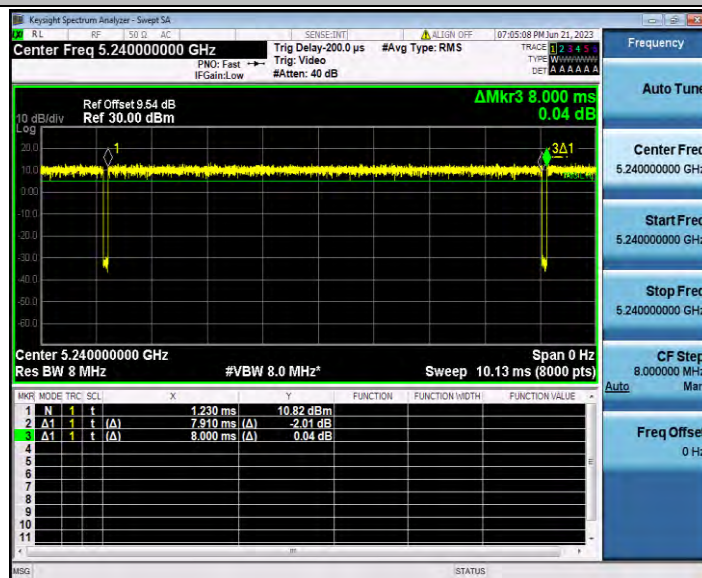
11AC40SISO_Ant2_5190



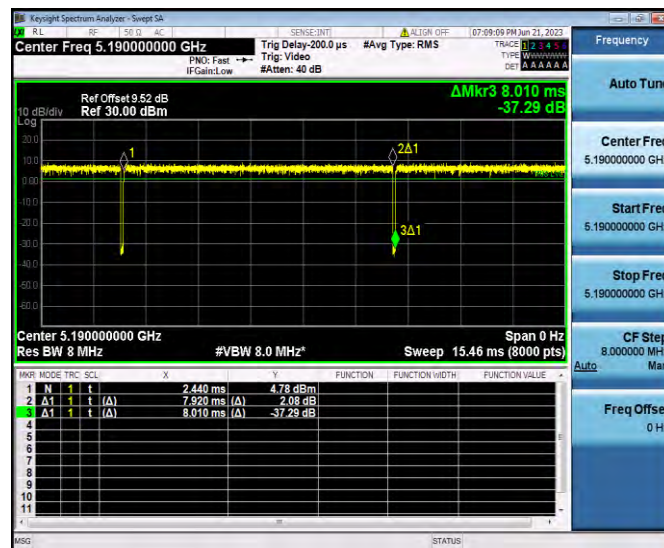
11AX20SISO_Ant2_5180



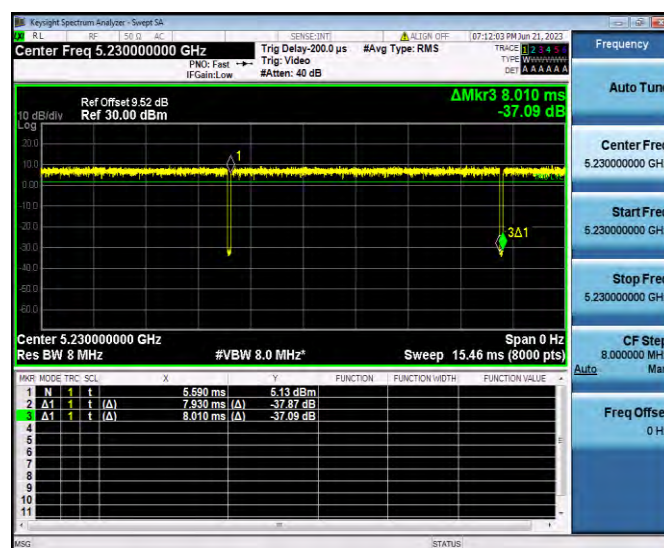
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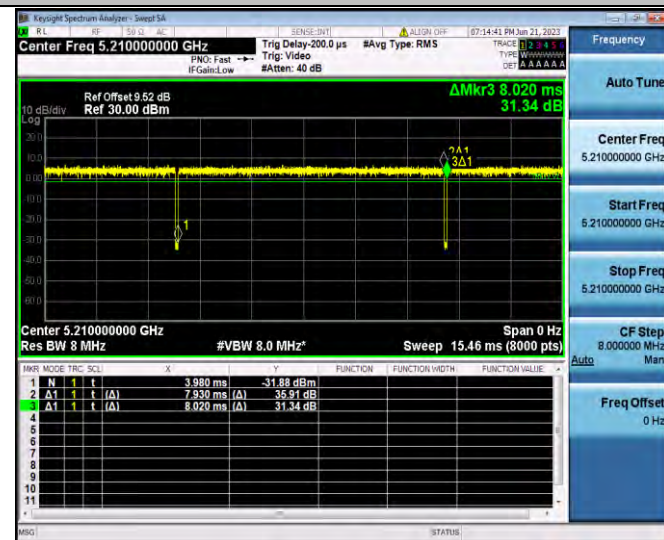
11AX20SISO_Ant2_5240



11AX40SISO_Ant2_5190



11AX40SISO_Ant2_5230



11AX80SISO_Ant2_5210