

Case No. : CTA24111401804	
Ambient Condition: 23 °C, 54 %RH	
According Standard: ■Part15E	
Test Date: 2024.9.12	Test Engineer: Lushan Kong

Appendix D.1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	23.160	5168.440	5191.600	---	---
		5200	22.520	5188.760	5211.280	---	---
		5240	22.840	5228.360	5251.200	---	---
11N20SISO	Ant1	5180	23.360	5168.360	5191.720	---	---
		5200	23.520	5188.640	5212.160	---	---
		5240	22.760	5228.520	5251.280	---	---
11N40SISO	Ant1	5190	42.640	5168.720	5211.360	---	---
		5230	43.440	5208.560	5252.000	---	---
11AC20SISO	Ant1	5180	22.920	5168.680	5191.600	---	---
		5200	23.480	5188.320	5211.800	---	---
		5240	23.360	5228.400	5251.760	---	---
11AC40SISO	Ant1	5190	43.120	5168.640	5211.760	---	---
		5230	43.280	5208.240	5251.520	---	---
11AC80SISO	Ant1	5210	84.960	5167.440	5252.400	---	---
11AX20SISO	Ant1	5180	23.120	5168.680	5191.800	---	---
		5200	22.760	5188.880	5211.640	---	---
		5240	23.080	5228.600	5251.680	---	---
11AX40SISO	Ant1	5190	42.960	5168.400	5211.360	---	---
		5230	42.480	5208.560	5251.040	---	---
11AX80SISO	Ant1	5210	82.880	5169.040	5251.920	---	---

Test Graphs





11N20SISO_Ant1_5180



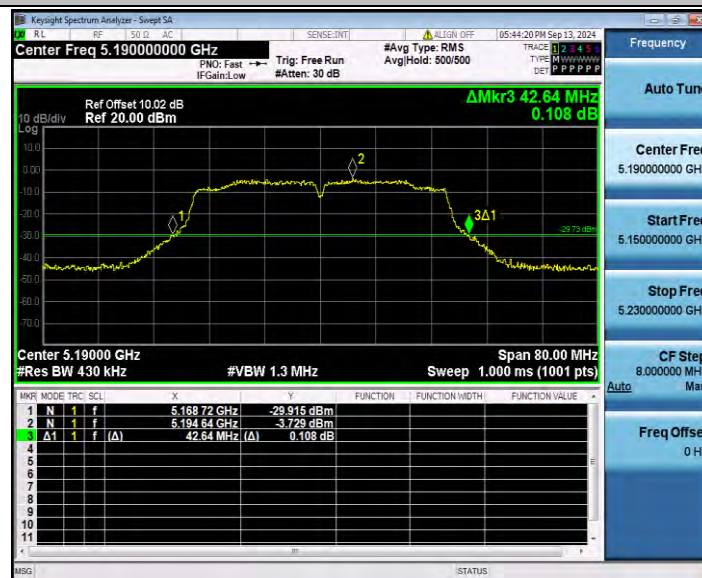
11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



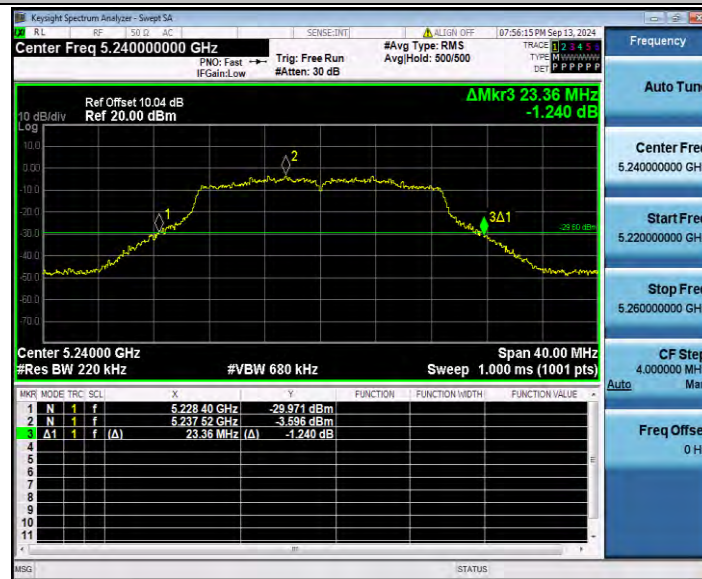
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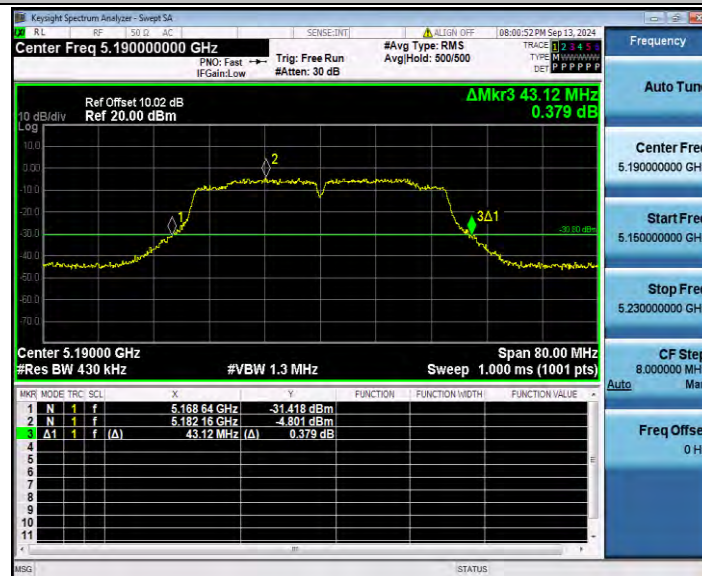
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11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



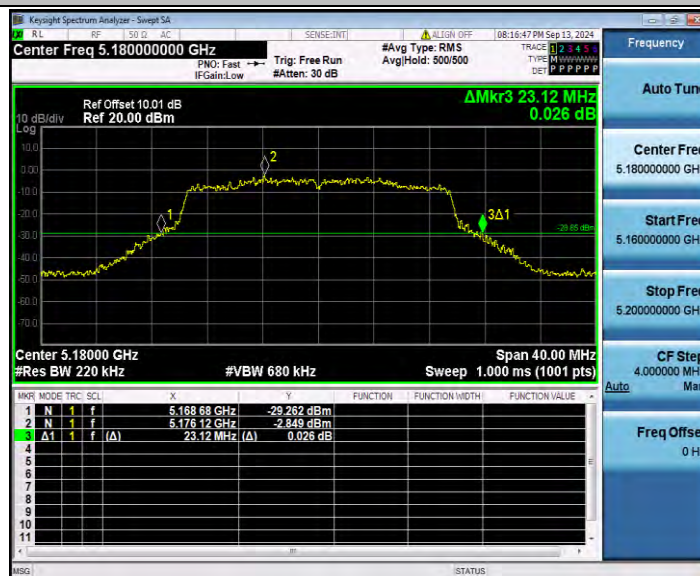
11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210



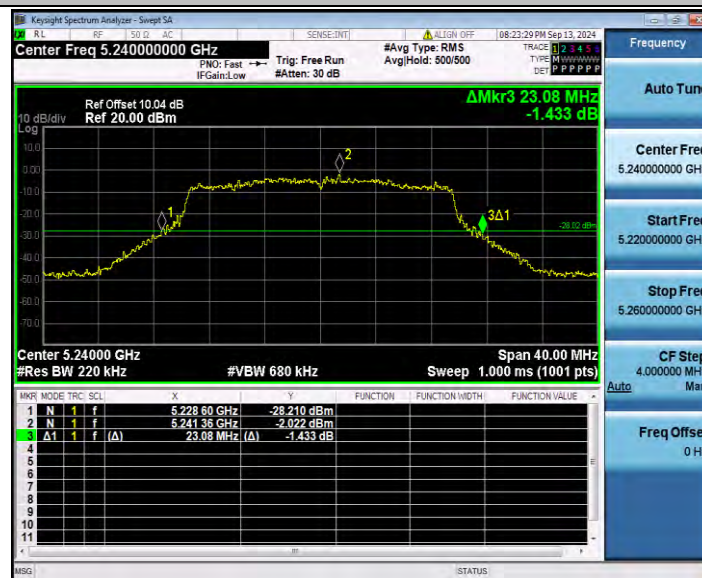
11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5200



11AX20SISO_Ant1_5240



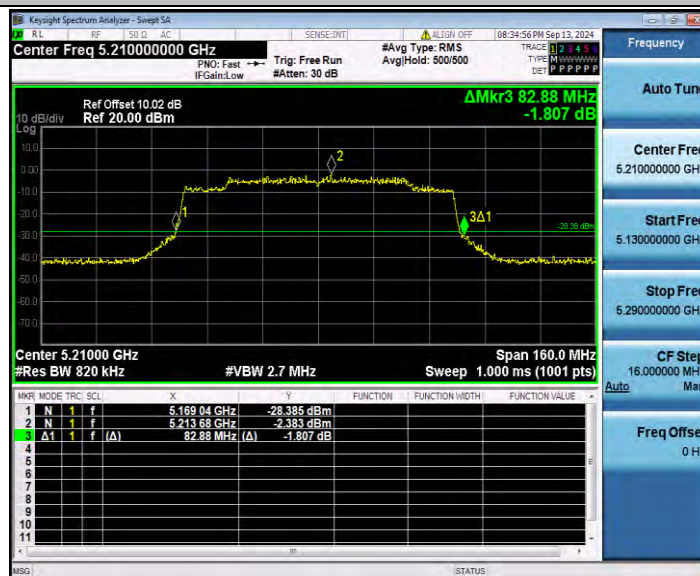
11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



11AX80SISO_Ant1_5210

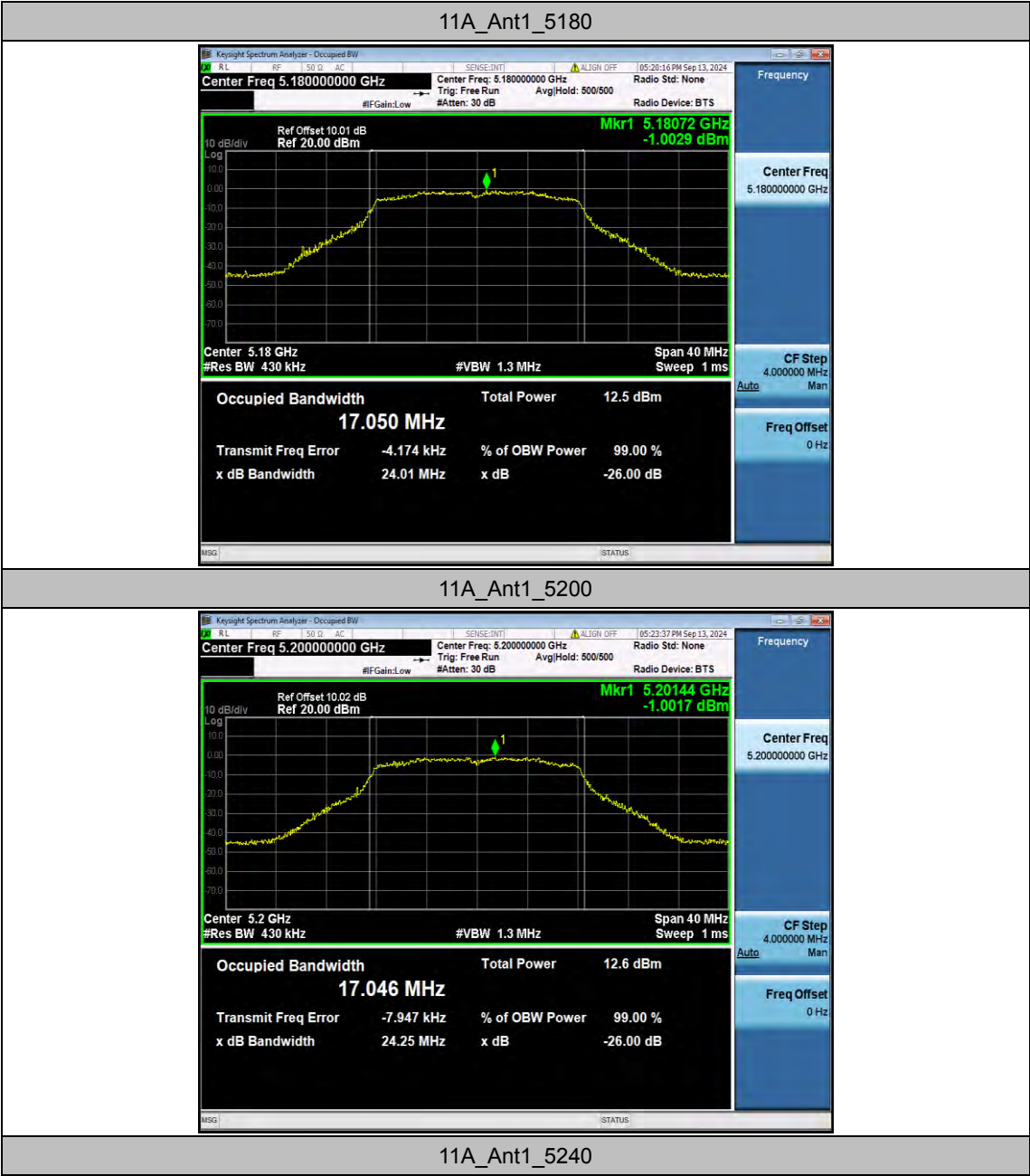


Appendix D.2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.050	5171.4708	5188.5208	---	---
		5200	17.046	5191.4691	5208.5151	---	---
		5240	17.063	5231.4524	5248.5154	---	---
11N20SISO	Ant1	5180	18.051	5170.9876	5189.0386	---	---
		5200	18.013	5191.0073	5209.0203	---	---
		5240	18.043	5230.9316	5248.9746	---	---
11N40SISO	Ant1	5190	36.218	5171.9193	5208.1373	---	---
		5230	36.187	5211.9122	5248.0992	---	---
11AC20SISO	Ant1	5180	17.991	5171.0131	5189.0041	---	---
		5200	18.025	5191.0070	5209.0320	---	---
		5240	18.053	5230.9335	5248.9865	---	---
11AC40SISO	Ant1	5190	36.219	5171.9257	5208.1447	---	---
		5230	36.239	5211.8689	5248.1079	---	---
11AC80SISO	Ant1	5210	75.081	5172.4471	5247.5281	---	---
11AX20SISO	Ant1	5180	18.989	5170.5084	5189.4974	---	---
		5200	18.964	5190.5558	5209.5198	---	---
		5240	19.075	5230.4880	5249.5630	---	---
11AX40SISO	Ant1	5190	37.683	5171.1707	5208.8537	---	---
		5230	37.592	5211.1971	5248.7891	---	---
11AX80SISO	Ant1	5210	76.728	5171.6753	5248.4033	---	---

Test Graphs





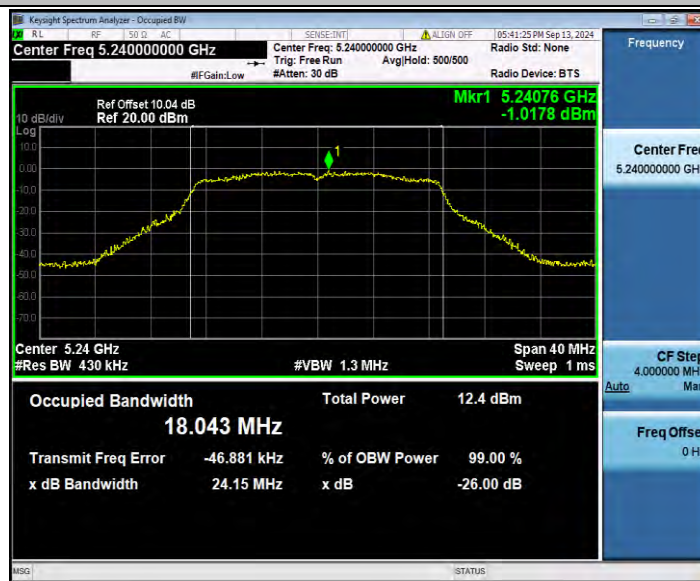
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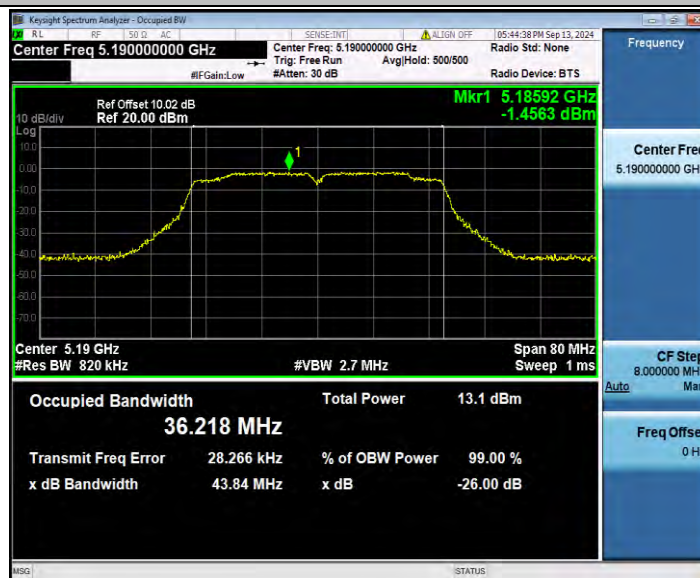
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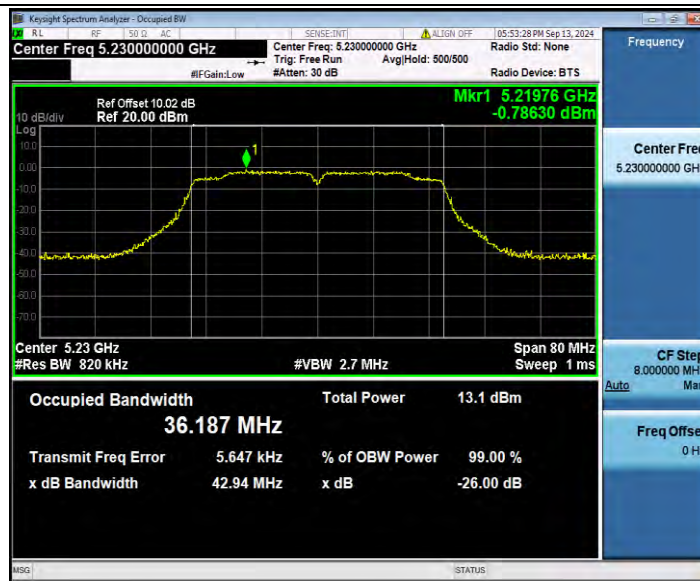
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11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180



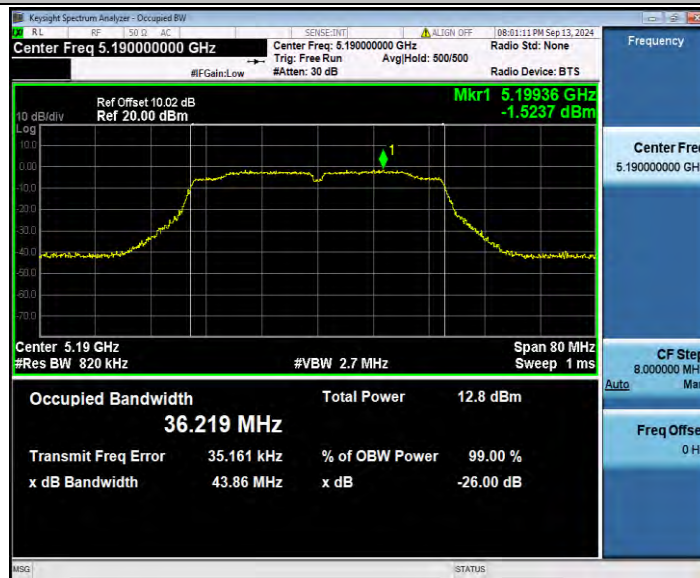
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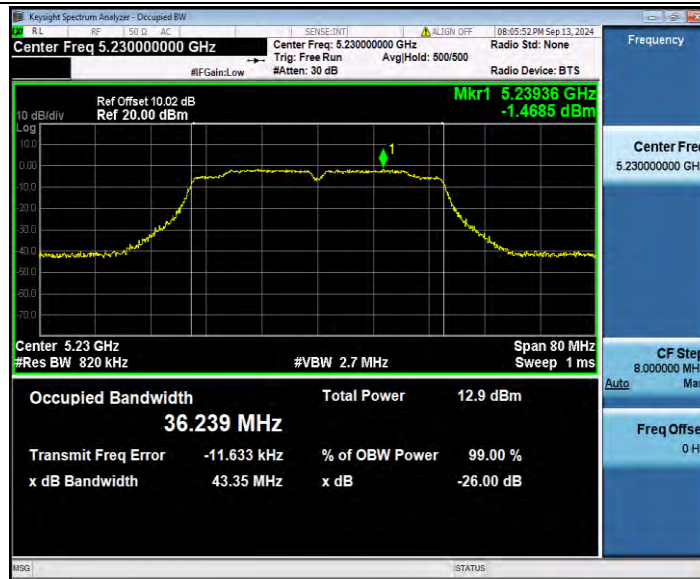
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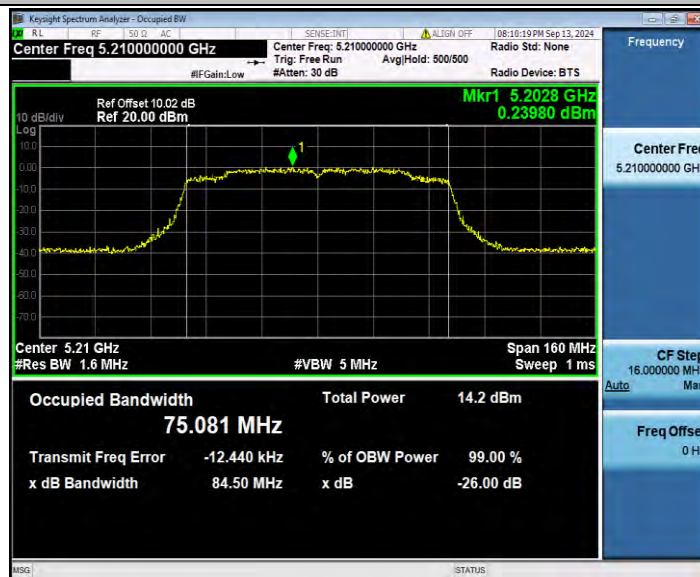
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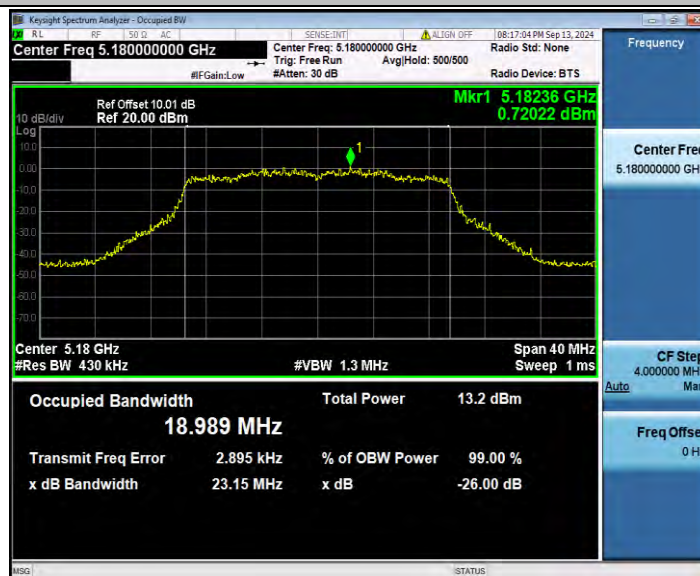
11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210



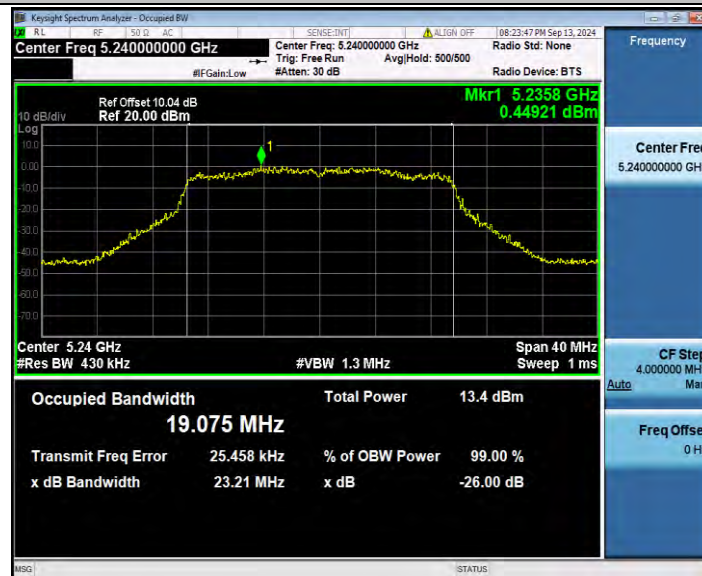
11AX20SISO_Ant1_5180



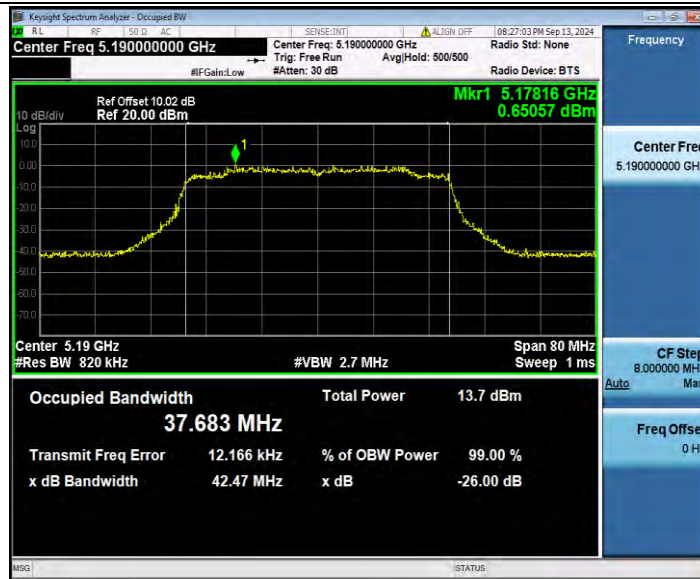
11AX20SISO_Ant1_5200



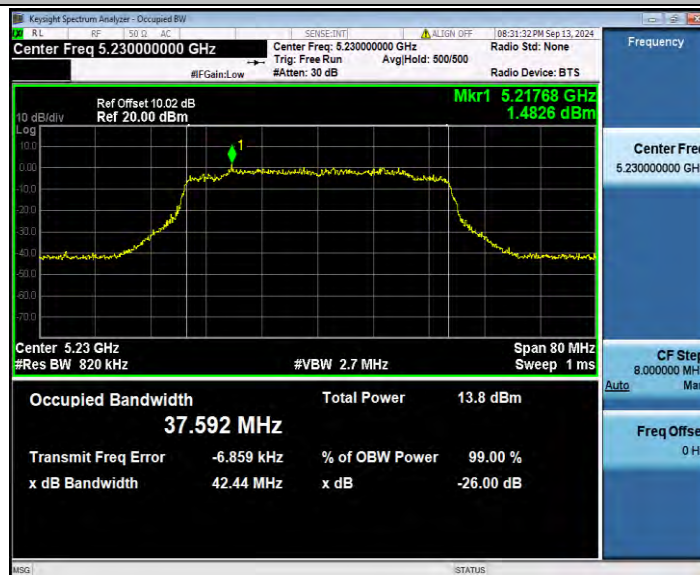
11AX20SISO_Ant1_5240



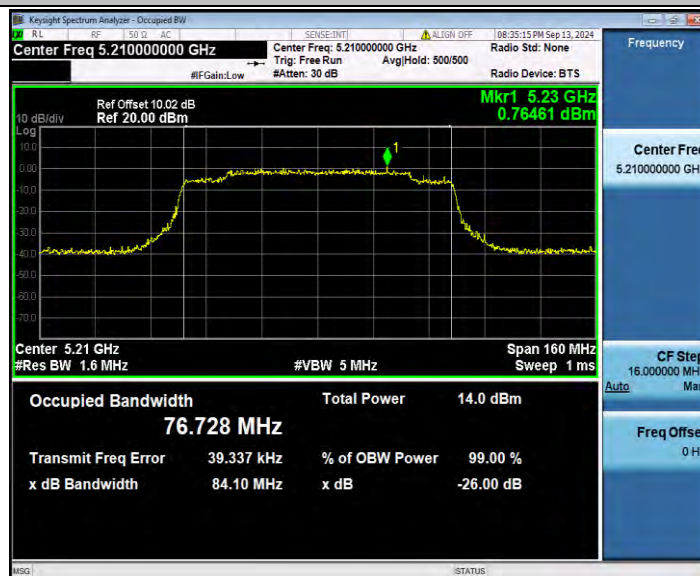
11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



11AX80SISO_Ant1_5210

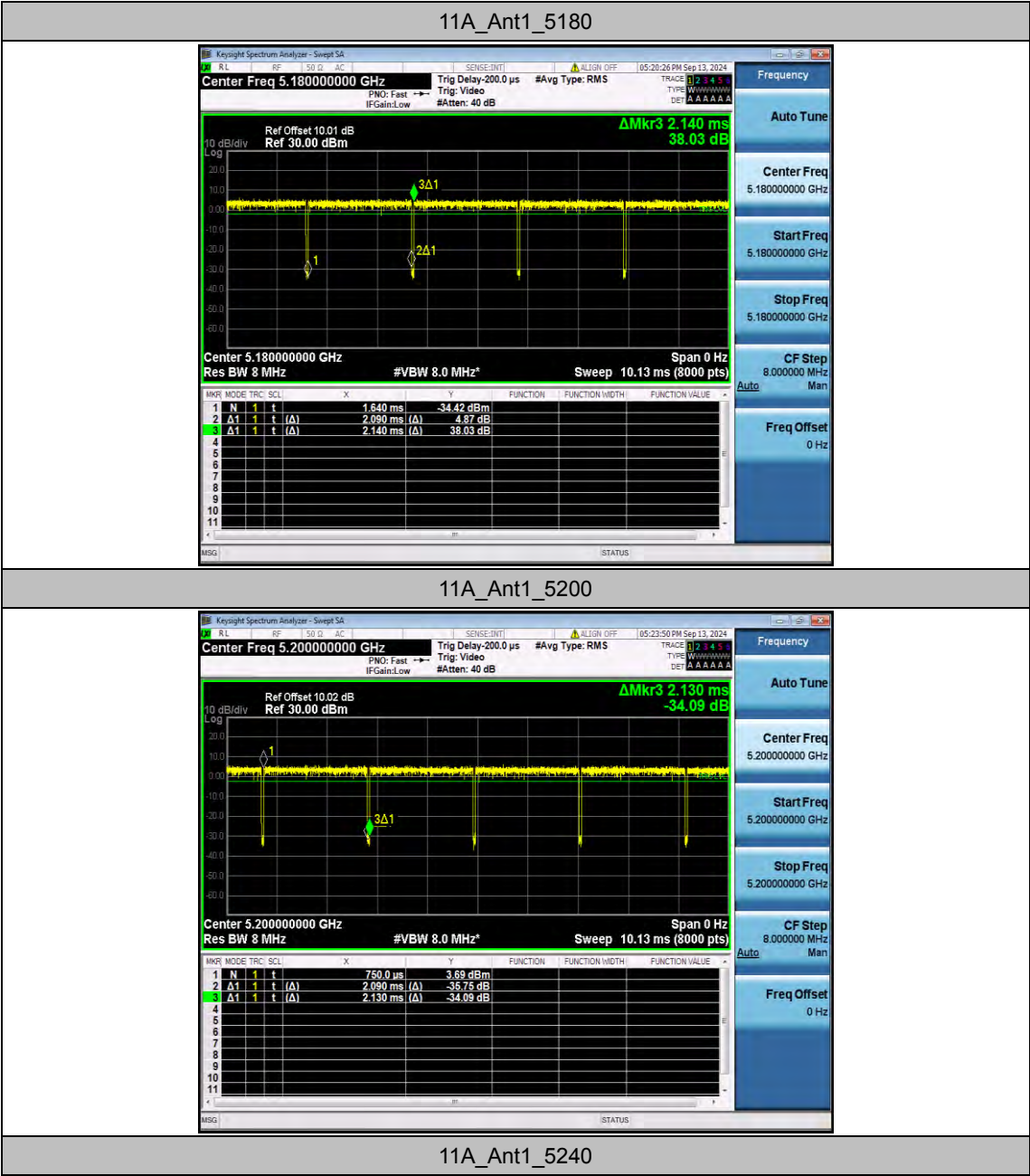


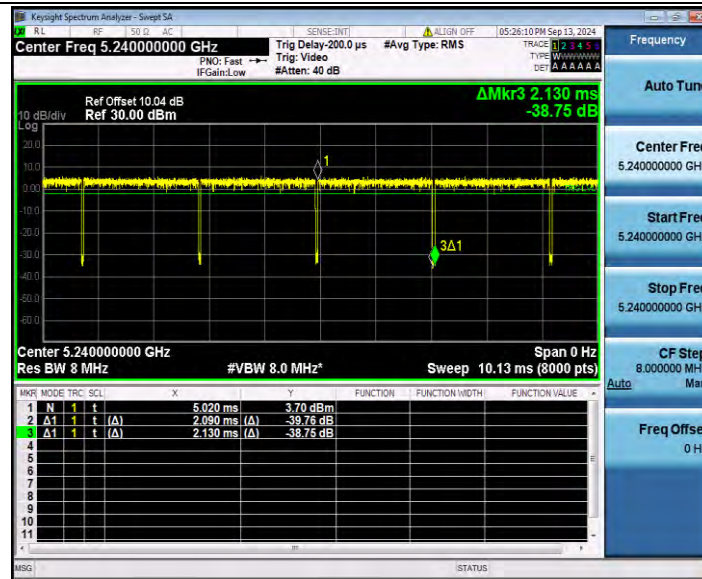
Appendix D.3: Duty Cycle

Test Result

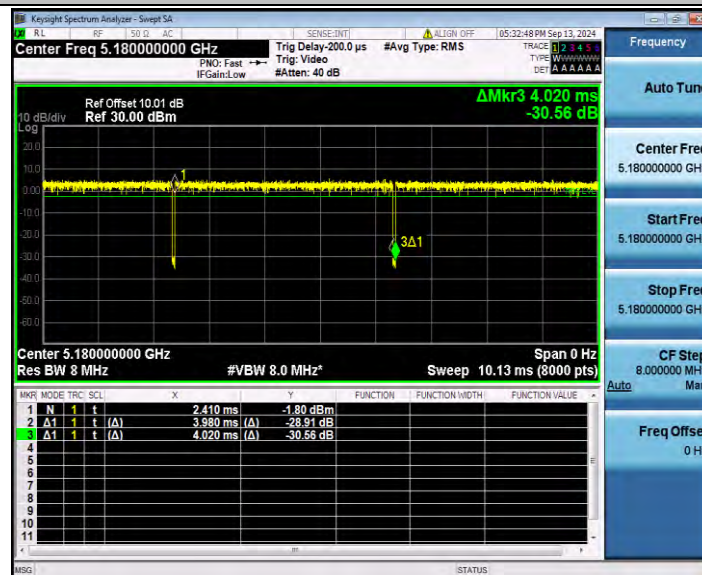
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5180	2.09	2.14	97.66	0.10	0.48
		5200	2.09	2.13	98.12	0.08	0.48
		5240	2.09	2.13	98.12	0.08	0.48
11N20SISO	Ant1	5180	3.98	4.02	99.00	0.04	0.25
		5200	3.97	4.02	98.76	0.05	0.25
		5240	3.98	4.02	99.00	0.04	0.25
11N40SISO	Ant1	5190	3.97	4.02	98.76	0.05	0.25
		5230	3.98	4.02	99.00	0.04	0.25
11AC20SISO	Ant1	5180	3.94	3.99	98.75	0.05	0.25
		5200	3.95	4.00	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	4.02	98.76	0.05	0.25
11AX20SISO	Ant1	5180	3.96	4.00	99.00	0.04	0.25
		5200	3.96	4.01	98.75	0.05	0.25
		5240	3.96	4.01	98.75	0.05	0.25
11AX40SISO	Ant1	5190	3.96	4.01	98.75	0.05	0.25
		5230	3.96	4.00	99.00	0.04	0.25
11AX80SISO	Ant1	5210	3.96	4.00	99.00	0.04	0.25

Test Graphs

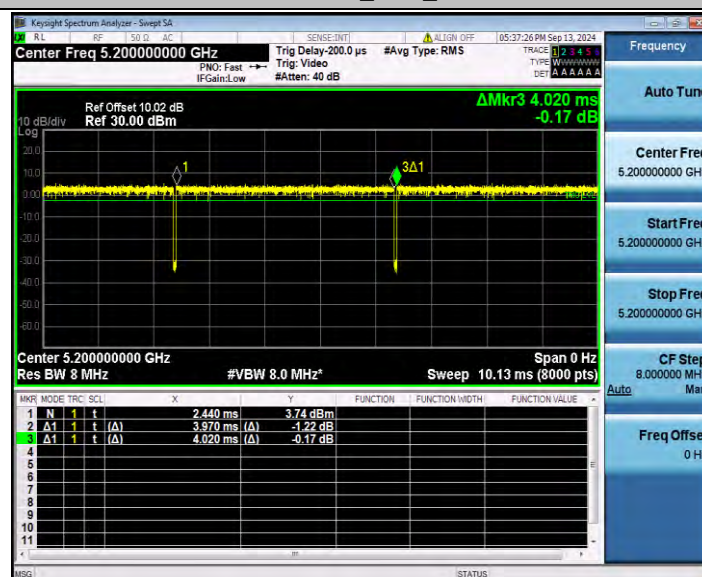




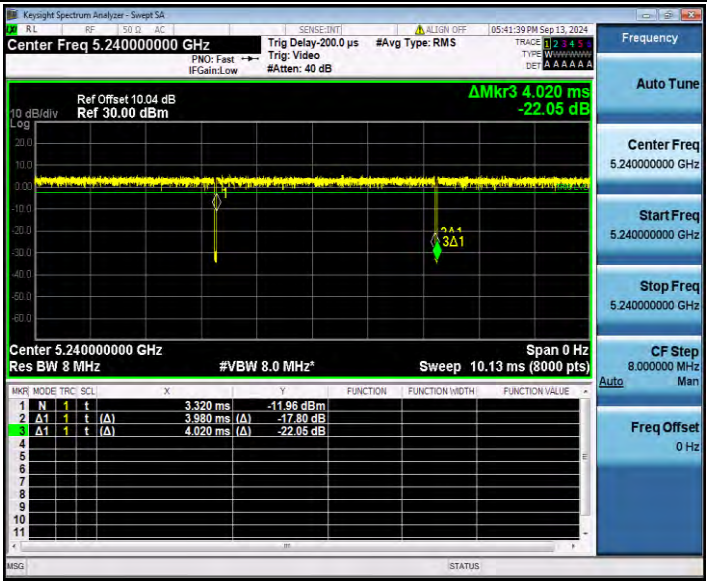
11N20SISO_Ant1_5180



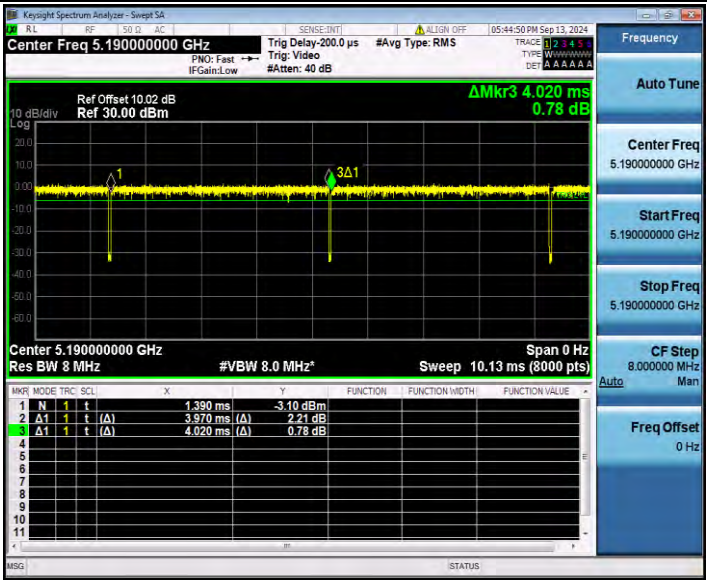
11N20SISO_Ant1_5200



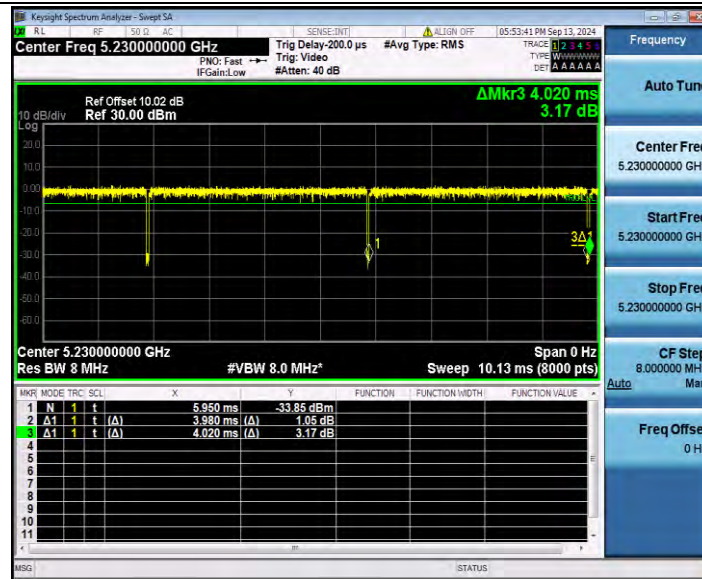
11N20SISO_Ant1_5240



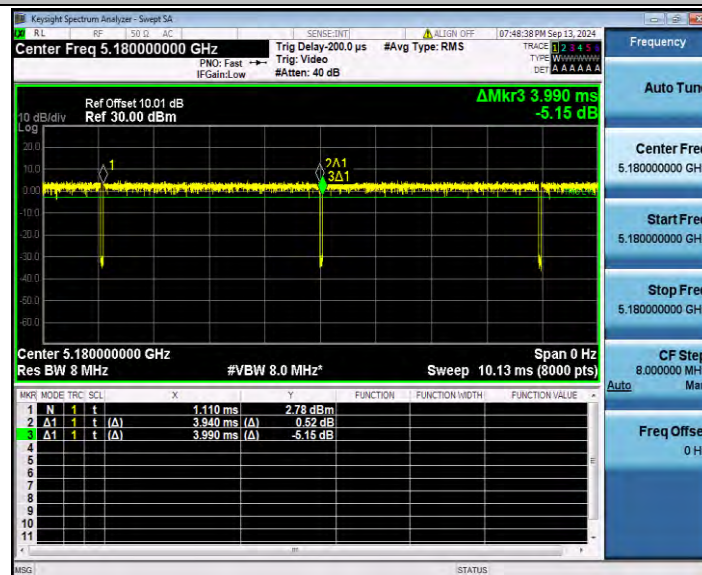
11N40SISO_Ant1_5190



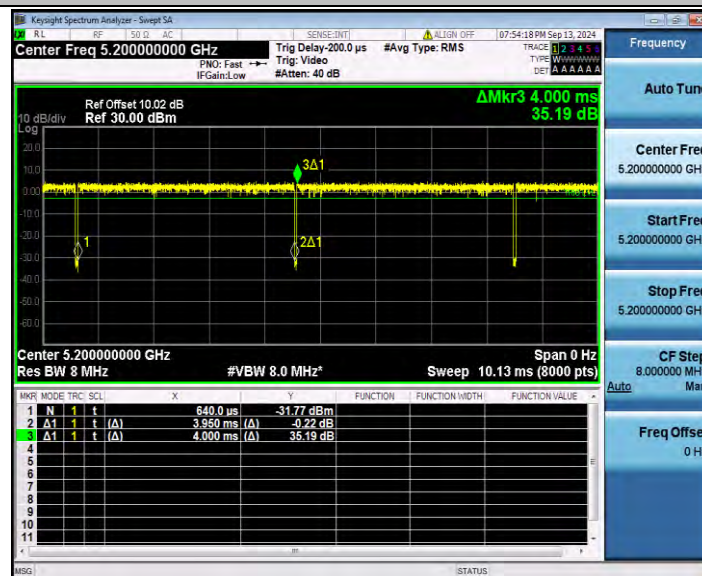
11N40SISO_Ant1_5230



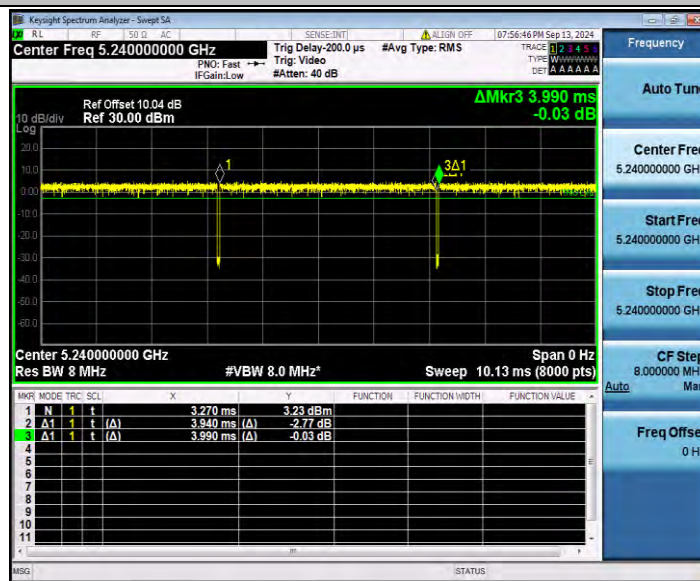
11AC20SISO_Ant1_5180



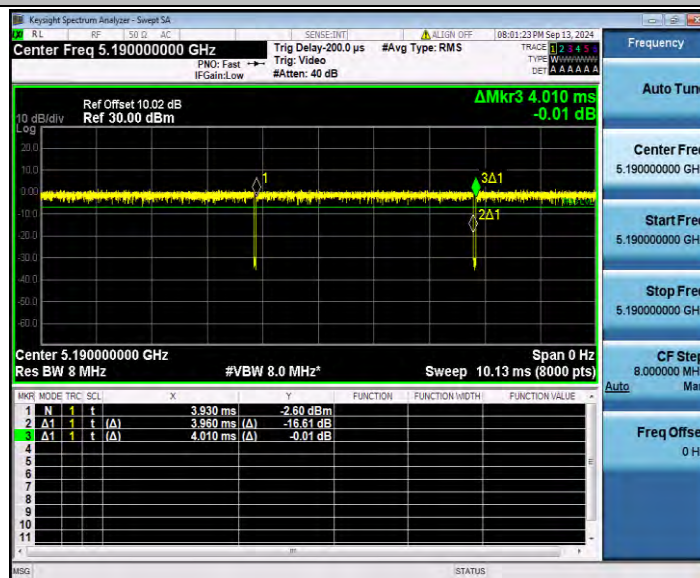
11AC20SISO_Ant1_5200



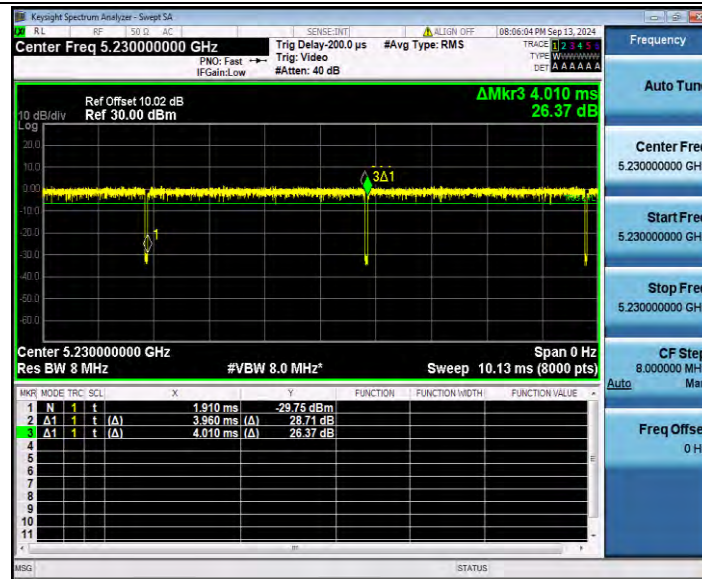
11AC20SISO_Ant1_5240



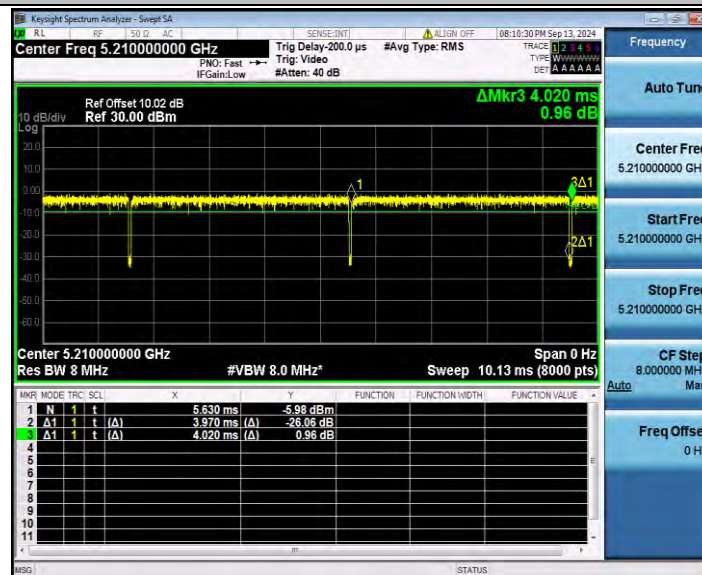
11AC40SISO_Ant1_5190



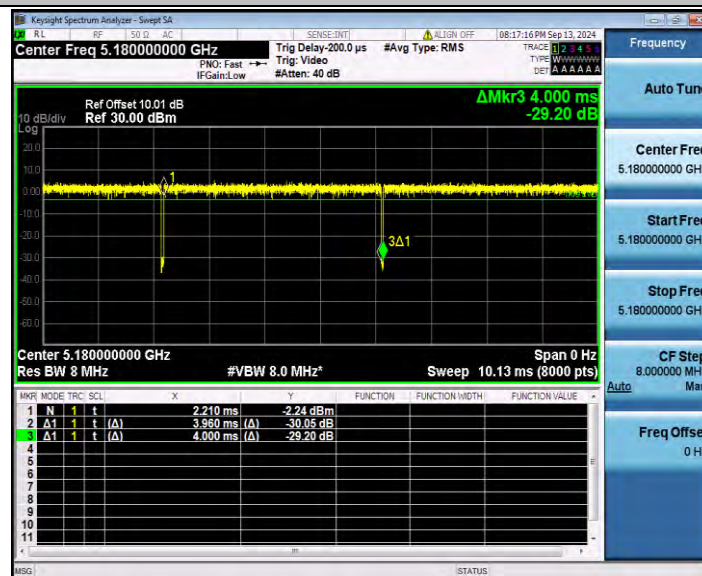
11AC40SISO_Ant1_5230

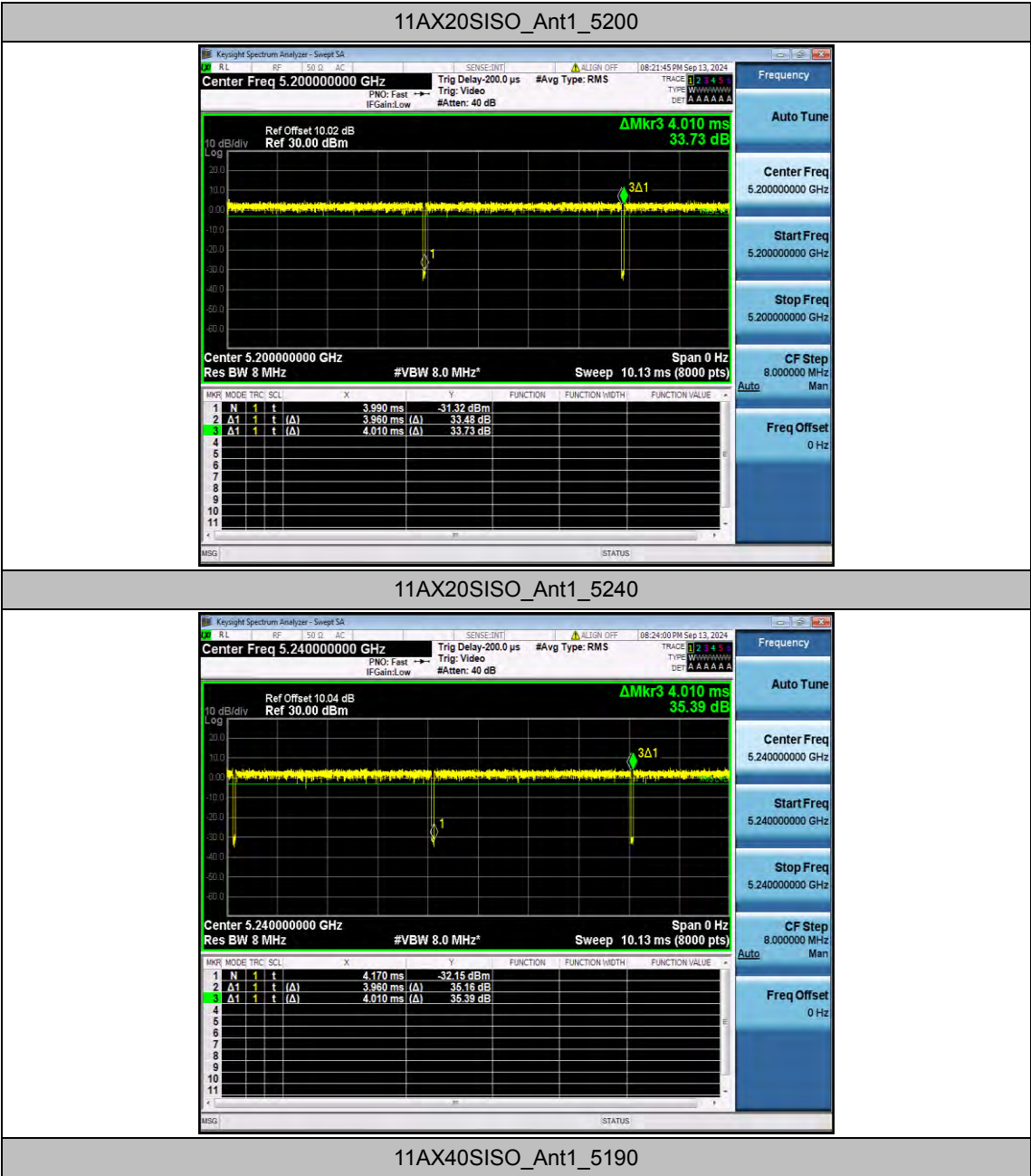


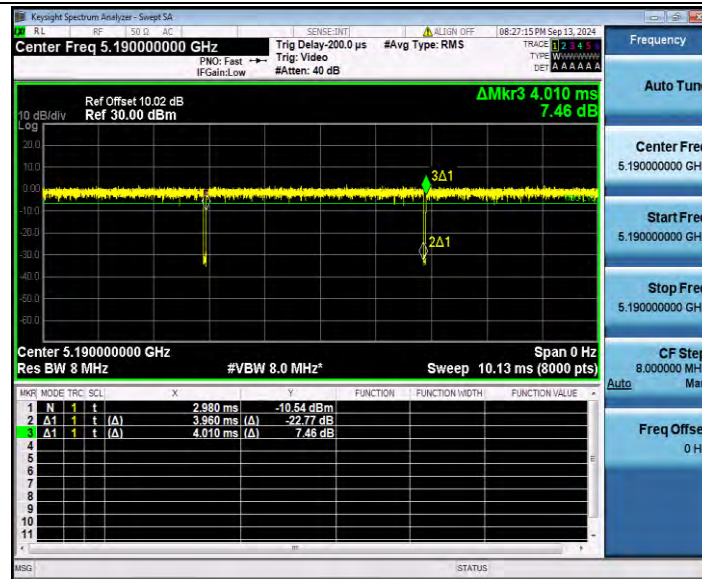
11AC80SISO_Ant1_5210



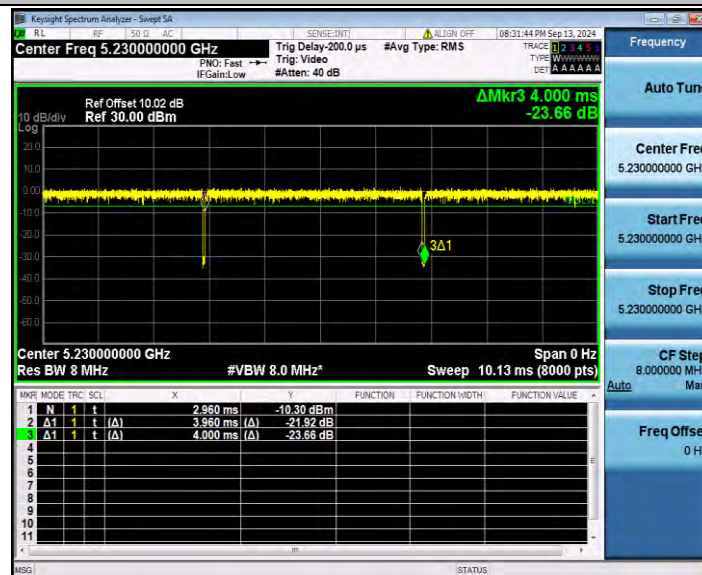
11AX20SISO_Ant1_5180







11AX40SISO_Ant1_5230



11AX80SISO_Ant1_5210

