

Case No. : <u>GTS20250324014-2-04</u>	
Ambient Condition: <u>22</u> °C, <u>53</u> %RH	
According Standard: <u>■Part15E</u>	
Test Date: <u>2025.4.15-2025.6.28</u>	Test Engineer: <u>Evan ouyang</u>

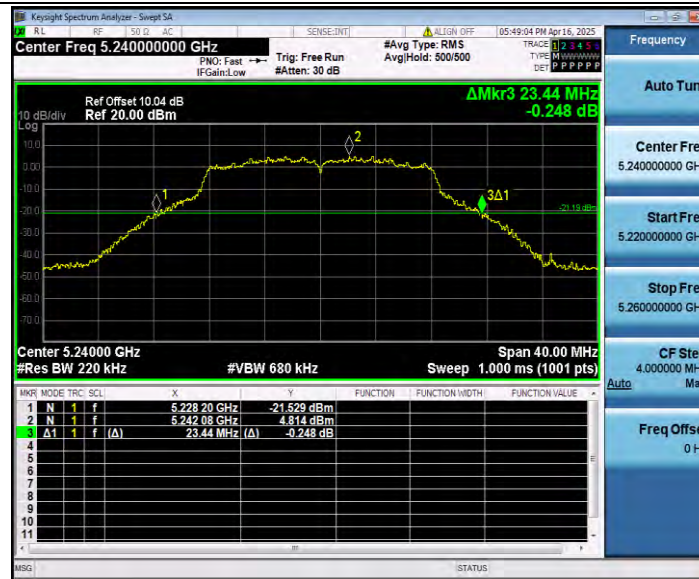
Appendix D.1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	23.800	5168.160	5191.960	---	---
		5200	24.040	5187.960	5212.000	---	---
		5240	23.440	5228.200	5251.640	---	---
11N20SISO	Ant1	5180	24.440	5167.840	5192.280	---	---
		5200	23.880	5188.320	5212.200	---	---
		5240	24.000	5228.280	5252.280	---	---
11N40SISO	Ant1	5190	42.560	5168.720	5211.280	---	---
		5230	43.360	5208.160	5251.520	---	---
11AC20SISO	Ant1	5180	24.000	5167.840	5191.840	---	---
		5200	24.440	5187.560	5212.000	---	---
		5240	23.640	5228.360	5252.000	---	---
11AC40SISO	Ant1	5190	42.720	5168.720	5211.440	---	---
		5230	42.800	5208.720	5251.520	---	---
11AC80SISO	Ant1	5210	84.640	5167.600	5252.240	---	---
11AX20SISO	Ant1	5180	23.680	5168.120	5191.800	---	---
		5200	23.320	5188.520	5211.840	---	---
		5240	23.560	5228.320	5251.880	---	---
11AX40SISO	Ant1	5190	42.240	5168.800	5211.040	---	---
		5230	42.000	5208.960	5250.960	---	---
11AX80SISO	Ant1	5210	82.400	5169.040	5251.440	---	---

Test Graphs





11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



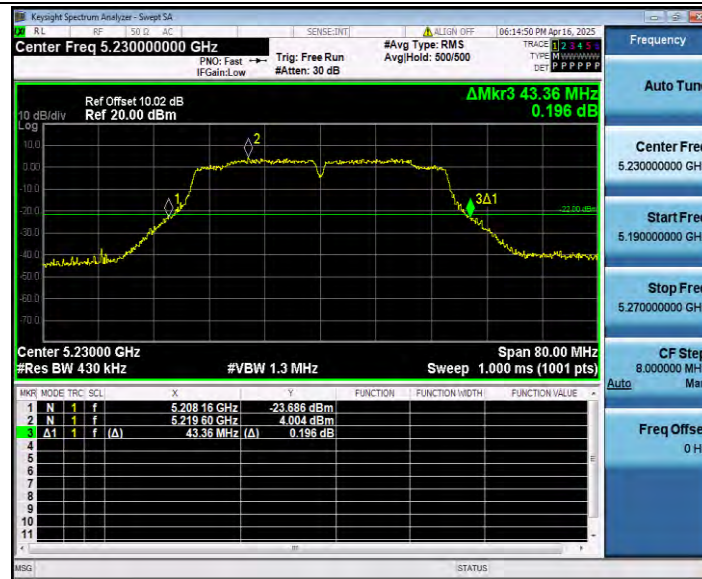
11N20SISO_Ant1_5240



11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180



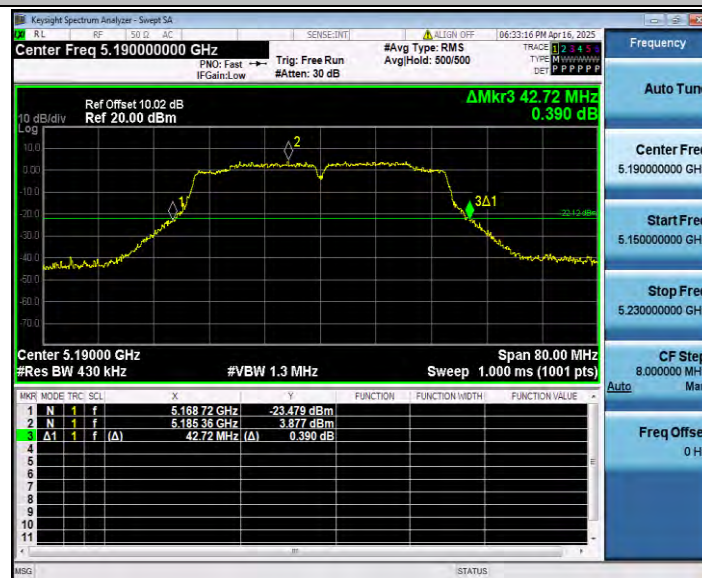
11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230

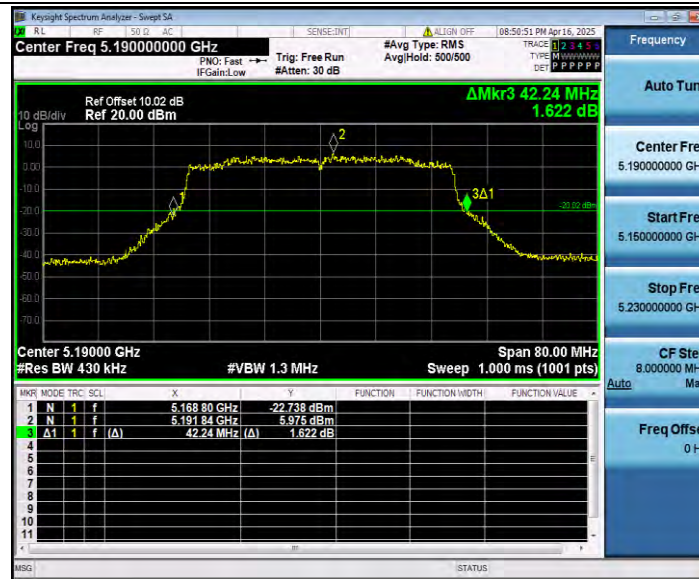


11AC80SISO_Ant1_5210



11AX20SISO_Ant1_5180

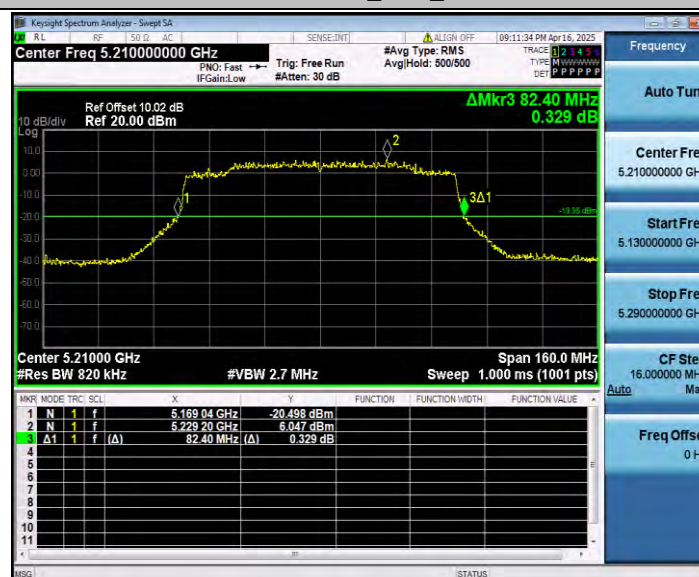




11AX40SISO_Ant1_5230



11AX80SISO_Ant1_5210

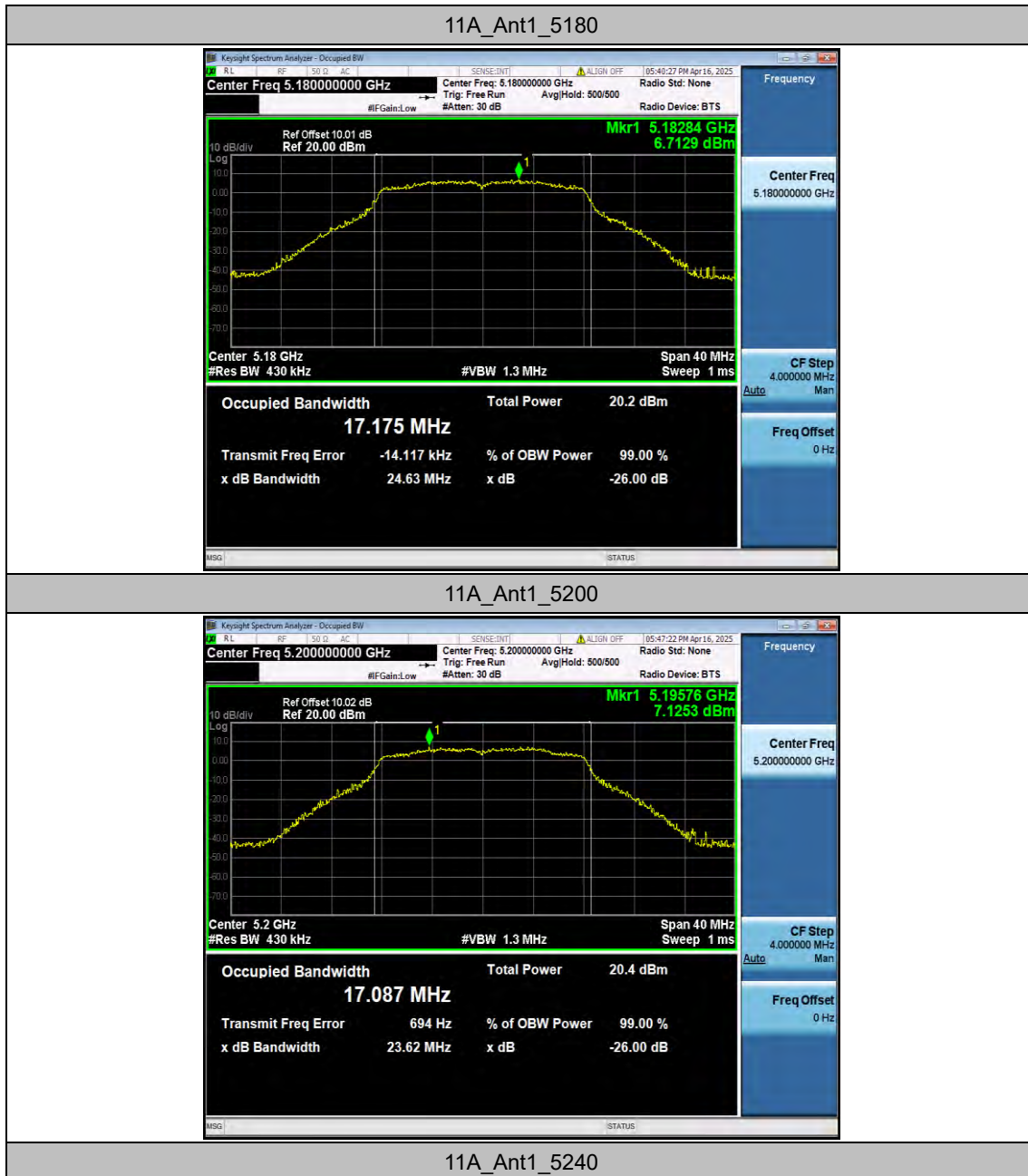


Appendix D.2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.175	5171.3984	5188.5734	---	---
		5200	17.087	5191.4572	5208.5442	---	---
		5240	17.129	5231.4439	5248.5729	---	---
11N20SISO	Ant1	5180	18.144	5170.9146	5189.0586	---	---
		5200	18.069	5190.9598	5209.0288	---	---
		5240	18.084	5230.9650	5249.0490	---	---
11N40SISO	Ant1	5190	36.171	5171.9602	5208.1312	---	---
		5230	36.197	5211.9065	5248.1035	---	---
11AC20SISO	Ant1	5180	18.128	5170.9527	5189.0807	---	---
		5200	18.089	5190.9621	5209.0511	---	---
		5240	18.102	5230.9457	5249.0477	---	---
11AC40SISO	Ant1	5190	36.169	5171.9690	5208.1380	---	---
		5230	36.222	5211.8962	5248.1182	---	---
11AC80SISO	Ant1	5210	75.046	5172.6332	5247.6792	---	---
11AX20SISO	Ant1	5180	19.019	5170.5137	5189.5327	---	---
		5200	19.039	5190.4843	5209.5233	---	---
		5240	19.025	5230.5108	5249.5358	---	---
11AX40SISO	Ant1	5190	37.666	5171.2050	5208.8710	---	---
		5230	37.700	5211.1333	5248.8333	---	---
11AX80SISO	Ant1	5210	76.641	5171.7940	5248.4350	---	---

Test Graphs





11N20SISO_Ant1_5180



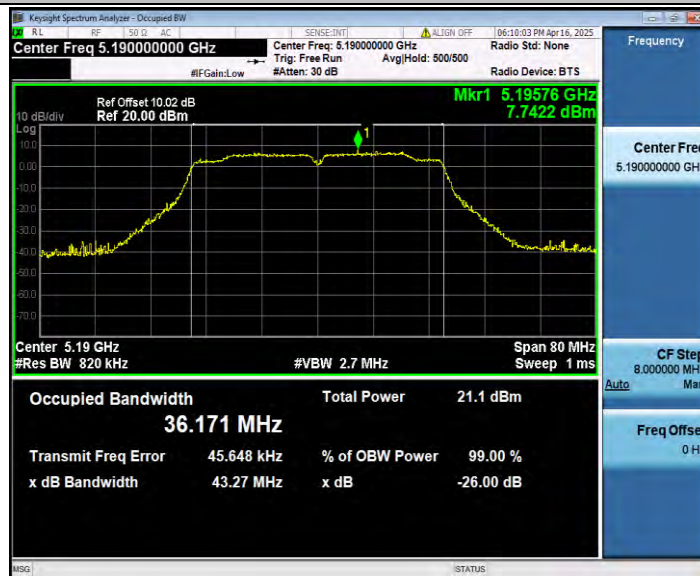
11N20SISO_Ant1_5200



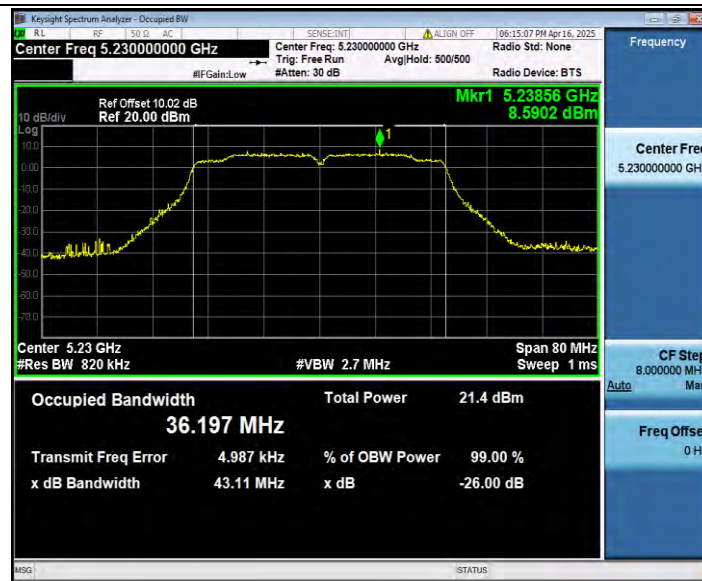
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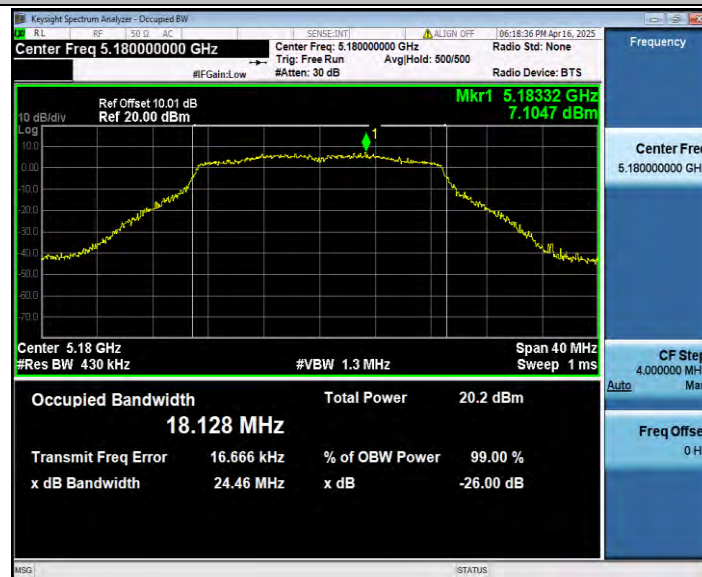
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180



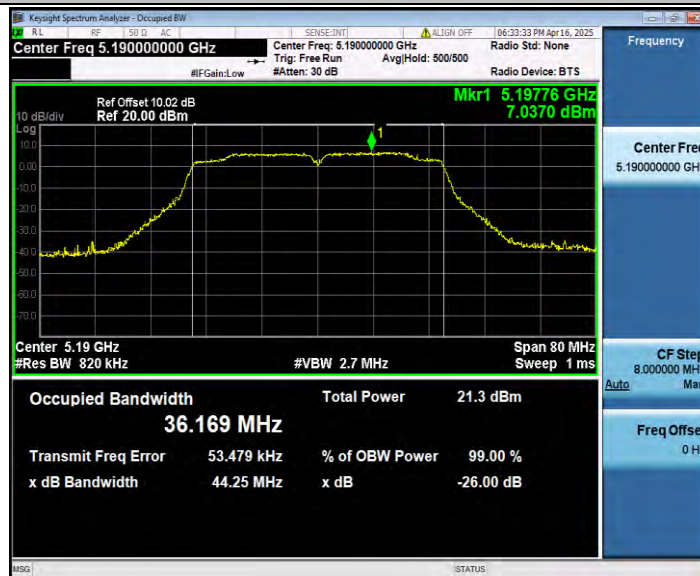
11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



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



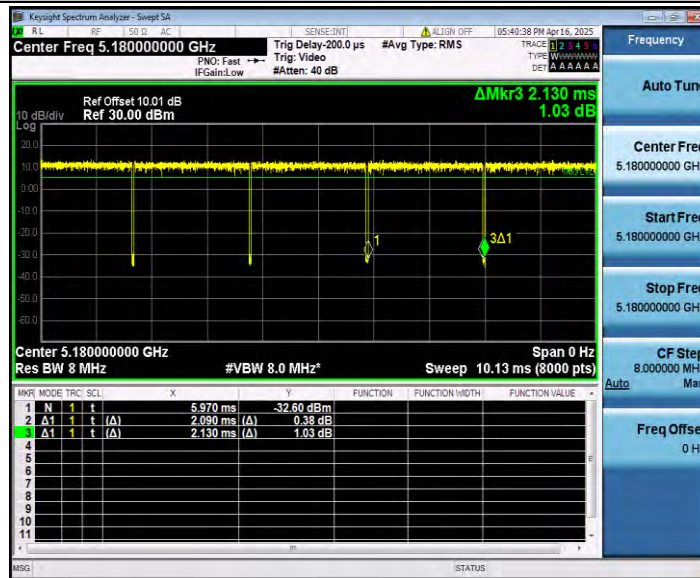
Appendix D.3: Duty Cycle

Test Result

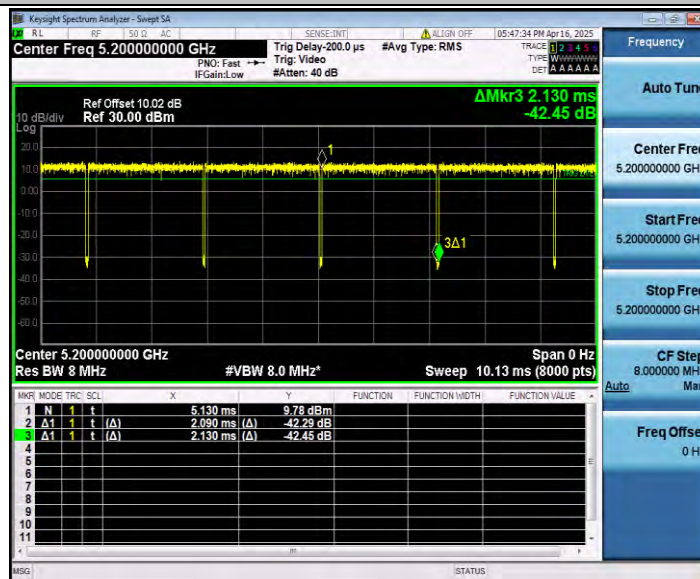
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5180	2.09	2.13	98.12	0.08	0.48
		5200	2.09	2.13	98.12	0.08	0.48
		5240	2.09	2.13	98.12	0.08	0.48
11N20SISO	Ant1	5180	3.98	4.02	99.00	0.04	0.25
		5200	3.97	4.02	98.76	0.05	0.25
		5240	3.98	4.02	99.00	0.04	0.25
11N40SISO	Ant1	5190	3.97	4.01	99.00	0.04	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	3.95	3.99	99.00	0.04	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	4.02	99.00	0.04	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	3.98	4.03	98.76	0.05	0.25
		5230	3.98	4.02	99.00	0.04	0.25
11AX80SISO	Ant1	5210	3.98	4.03	98.76	0.05	0.25

Test Graphs

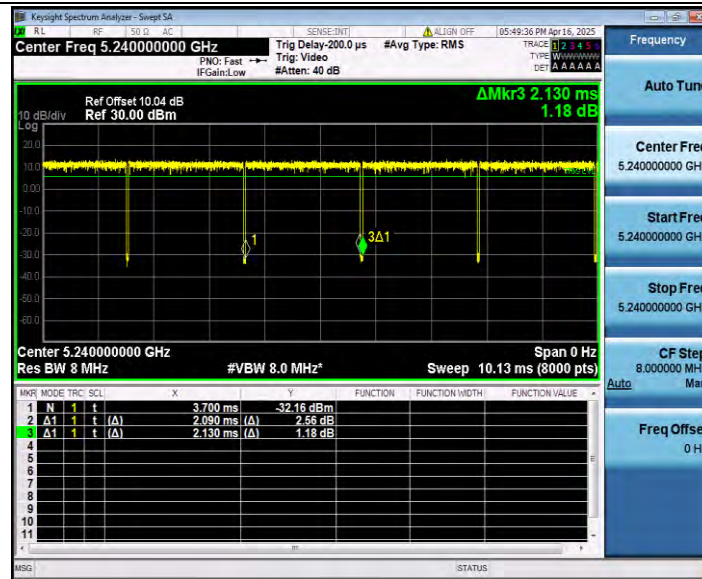
11A_Ant1_5180



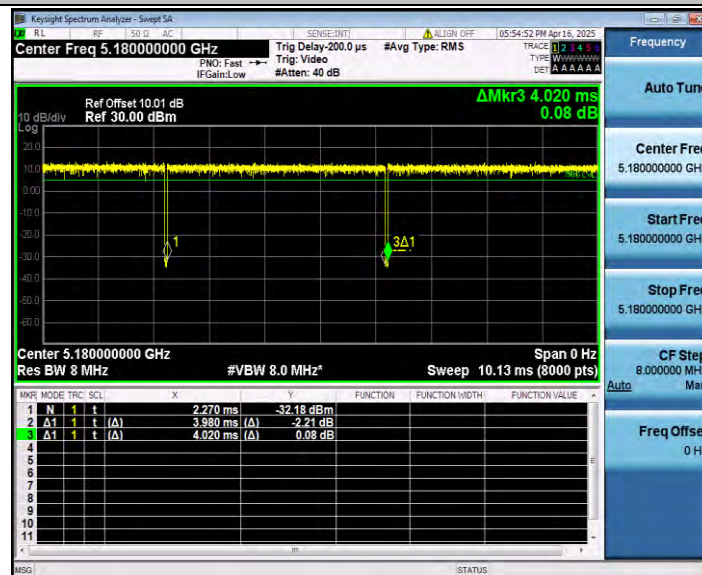
11A_Ant1_5200



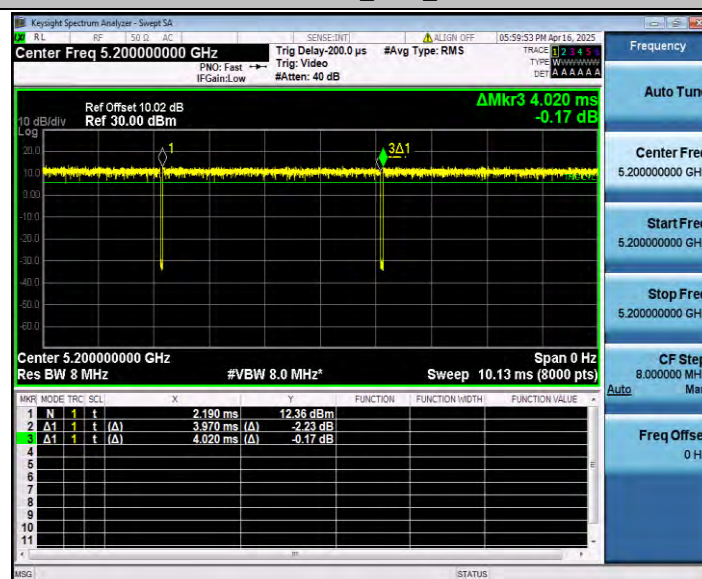
11A_Ant1_5240



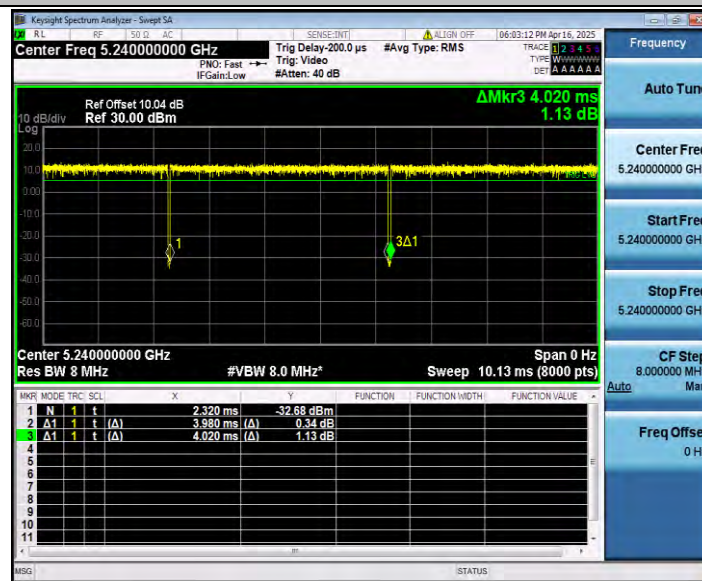
11N20SISO_Ant1_5180



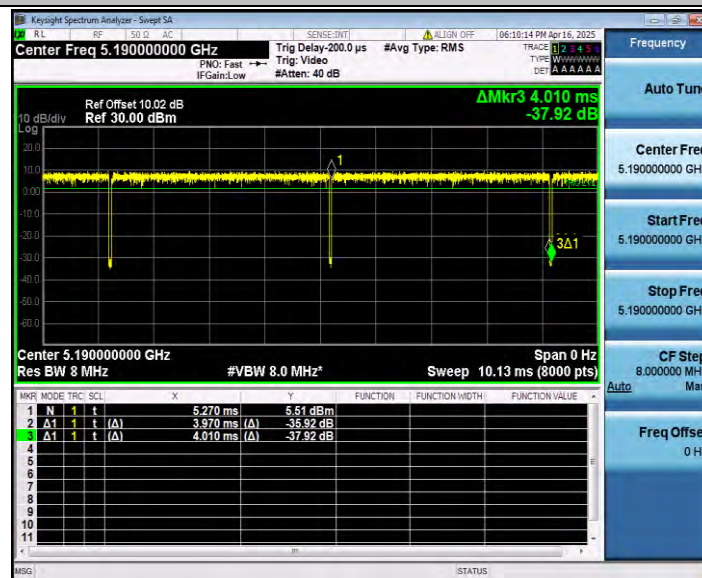
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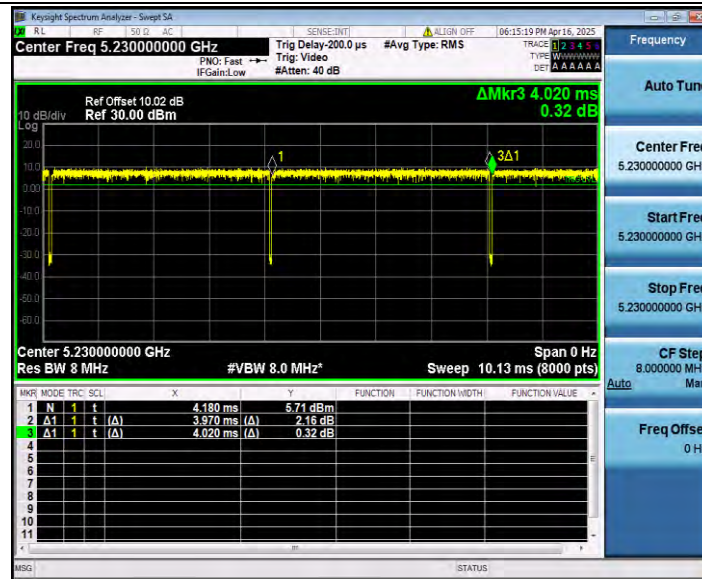
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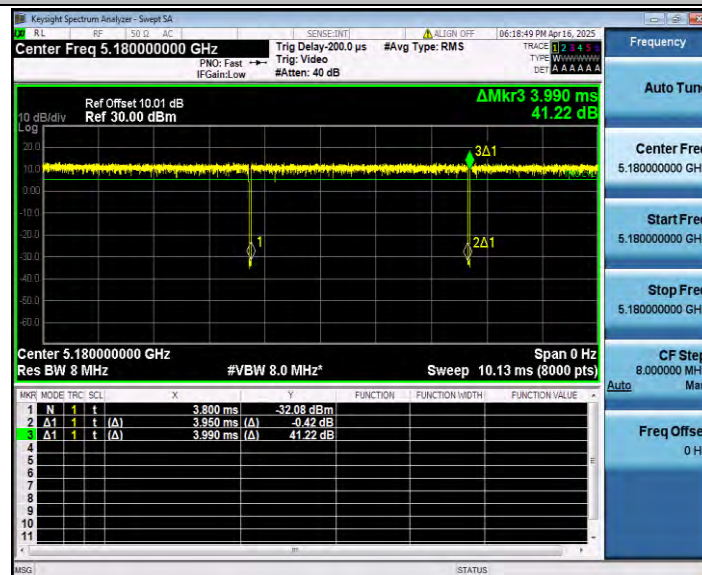
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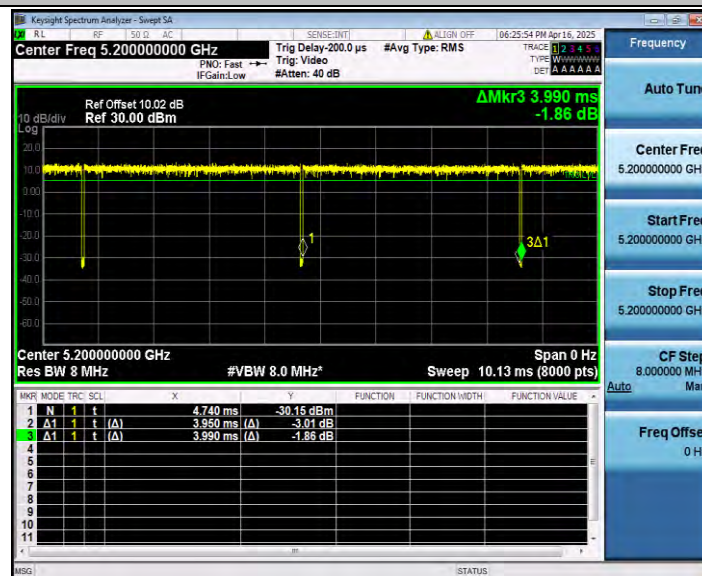
11N40SISO_Ant1_5230



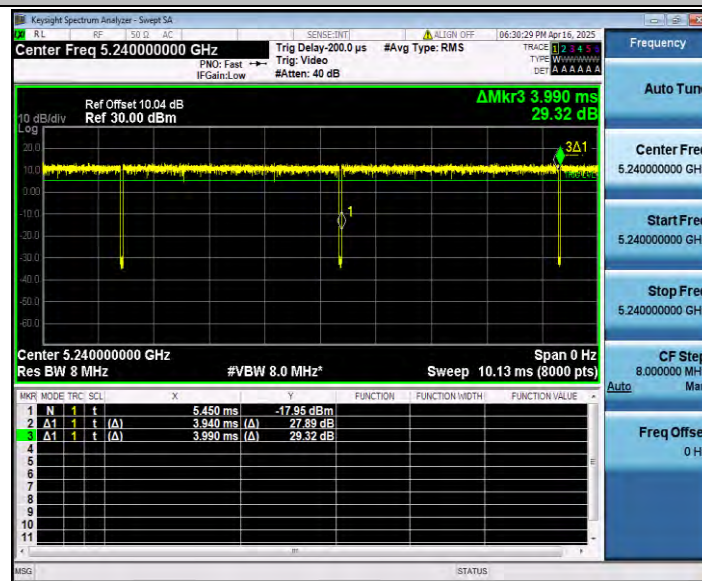
11AC20SISO_Ant1_5180



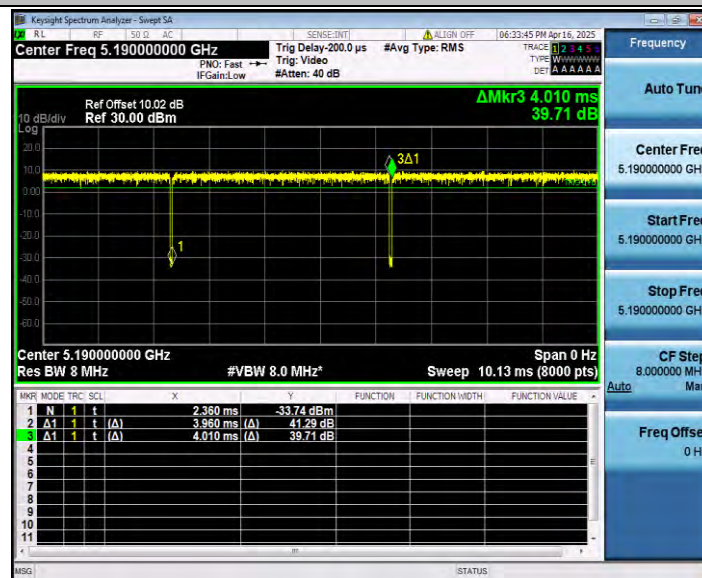
11AC20SISO_Ant1_5200



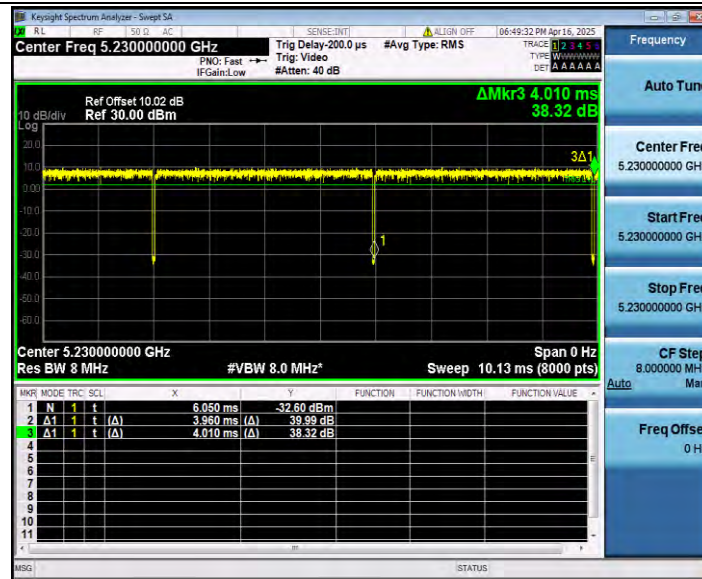
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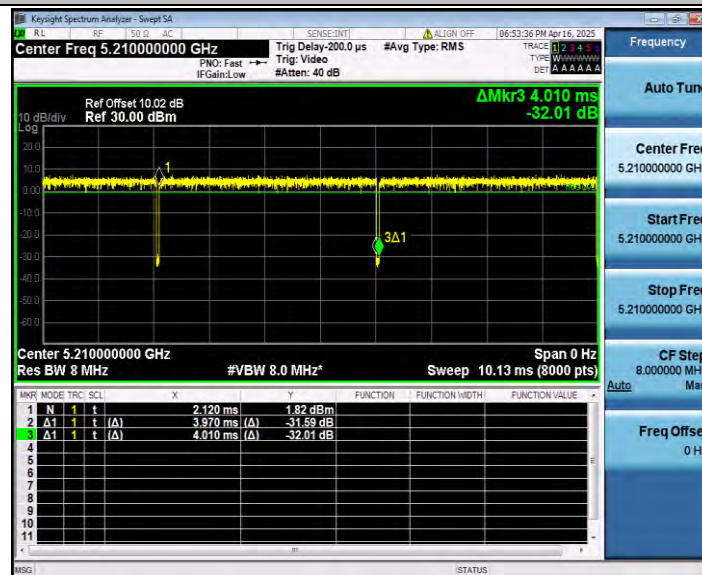
11AC40SISO_Ant1_5190



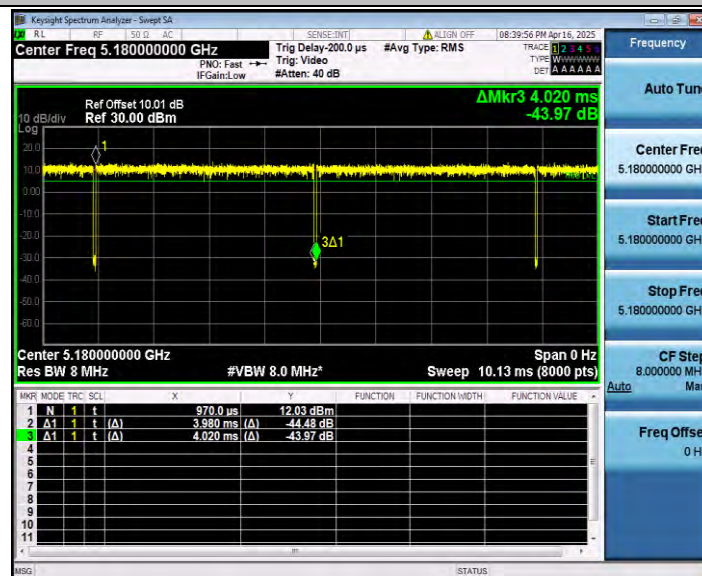
11AC40SISO_Ant1_5230



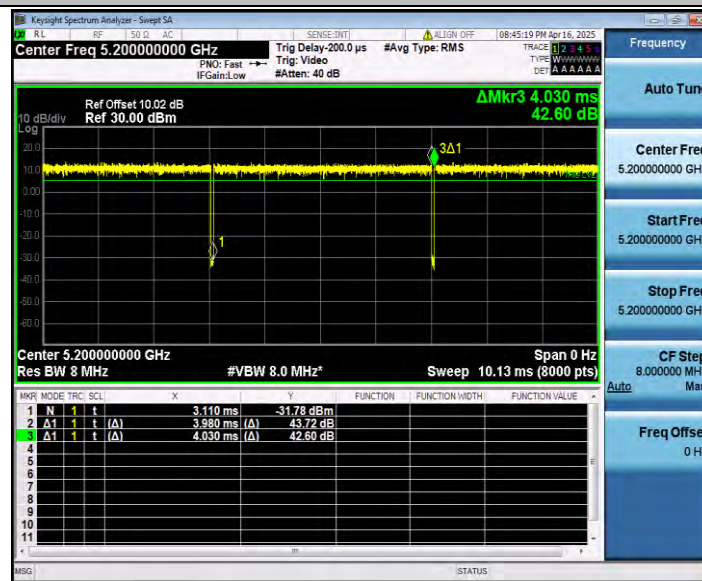
11AC80SISO_Ant1_5210



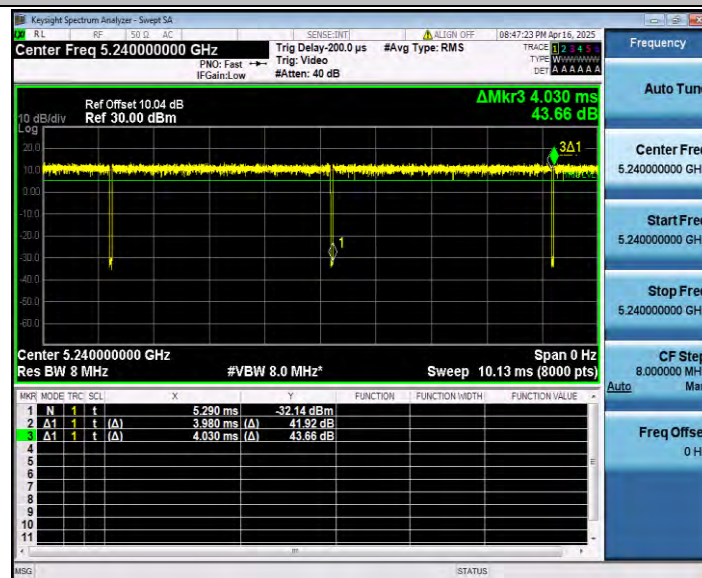
11AX20SISO_Ant1_5180



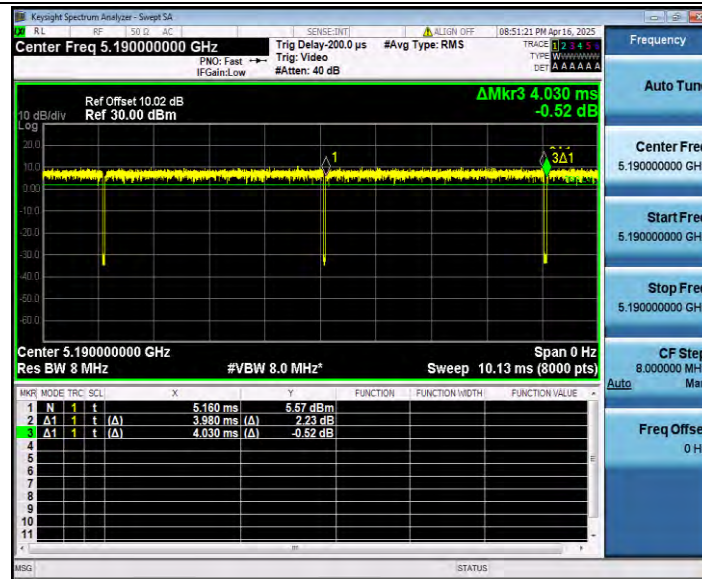
11AX20SISO_Ant1_5200



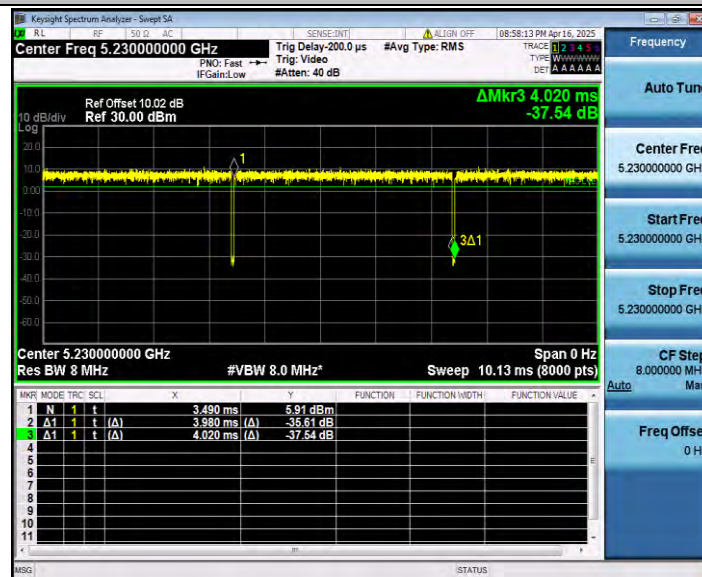
11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40ISO_Ant1_5230



11AX80ISO_Ant1_5210

