

Appendix Test Data

Report No.:	182512C400374104	Test Sample No.:	1-2-2
Start Test Date:	2024.7.17	Finish Test Date:	2024.7.19
Test Engineer:	<i>Faker Wang</i>	Auditor:	<i>Justin Feng</i>
Temperature:	24.3°C	Relative Humidity:	49%
Pressure:	101kPa		

Appendix A1: 26dB Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	22.960	5168.720	5191.680	---	---
11A	Ant1	5200	19.920	5190.080	5210.000	---	---
11A	Ant1	5240	19.760	5230.160	5249.920	---	---
11N20SISO	Ant1	5180	20.120	5170.080	5190.200	---	---
11N20SISO	Ant1	5220	20.120	5209.920	5230.040	---	---
11N20SISO	Ant1	5240	20.000	5230.000	5250.000	---	---
11N40SISO	Ant1	5190	40.400	5169.840	5210.240	---	---
11N40SISO	Ant1	5230	40.160	5210.160	5250.320	---	---
11AC20SISO	Ant1	5180	20.200	5170.000	5190.200	---	---
11AC20SISO	Ant1	5200	20.480	5190.120	5210.600	---	---
11AC20SISO	Ant1	5240	20.160	5229.880	5250.040	---	---
11AC40SISO	Ant1	5190	40.320	5169.760	5210.080	---	---
11AC40SISO	Ant1	5230	40.160	5209.920	5250.080	---	---
11AX20SISO	Ant1	5180	24.280	5168.320	5192.600	---	---
11AX20SISO	Ant1	5200	22.360	5188.840	5211.200	---	---
11AX20SISO	Ant1	5240	21.880	5229.080	5250.960	---	---
11AX40SISO	Ant1	5190	41.920	5169.440	5211.360	---	---
11AX40SISO	Ant1	5230	40.320	5209.840	5250.160	---	---

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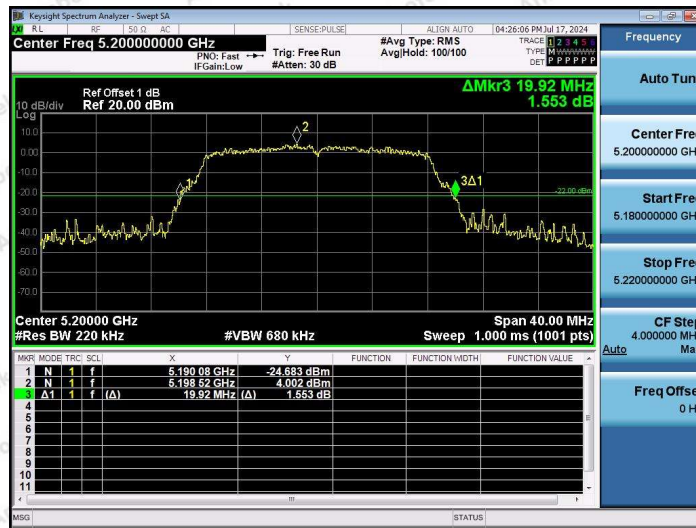
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Test Graphs



11A-Ant1-5180



11A-Ant1-5200



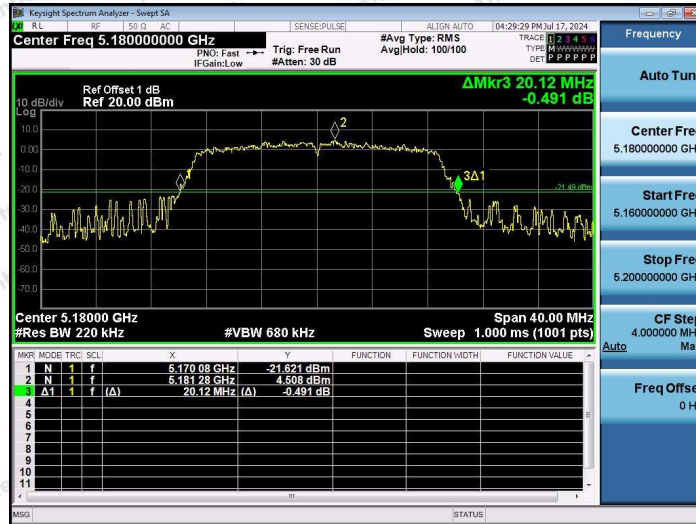
11A-Ant1-5240

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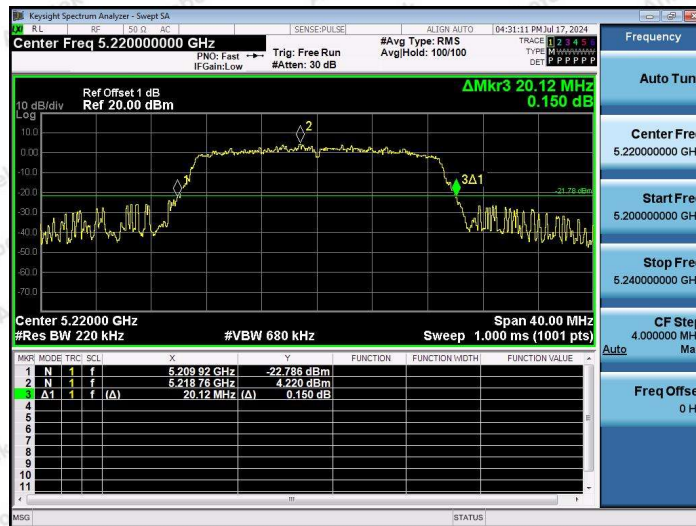
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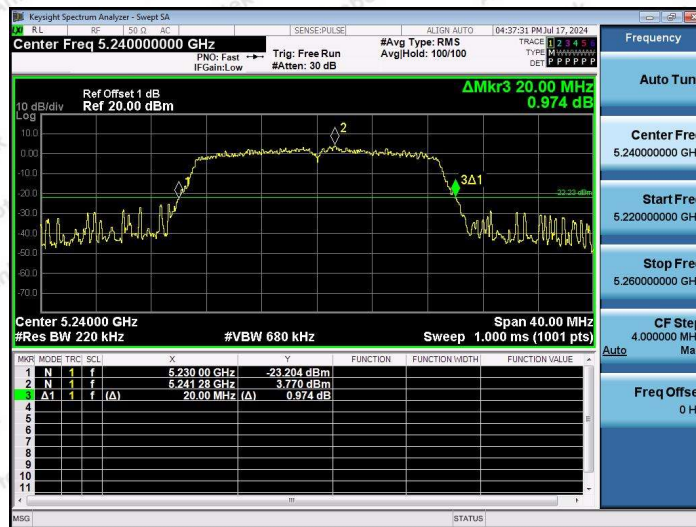




11N20SISO-Ant1-5180



11N20SISO-Ant1-5220



11N20SISO-Ant1-5240

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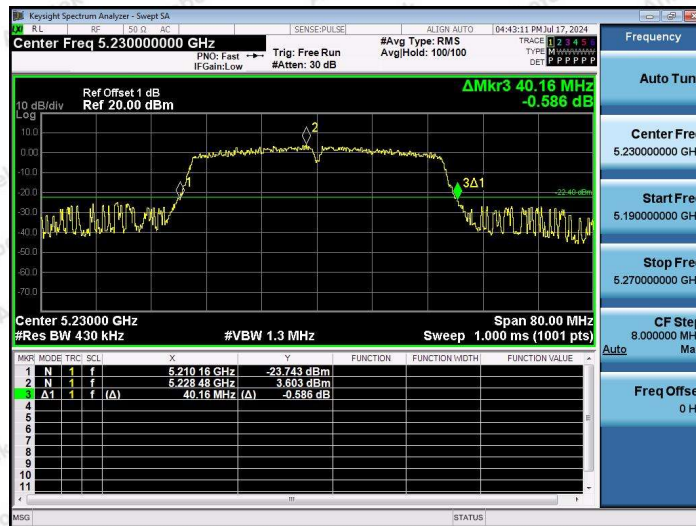
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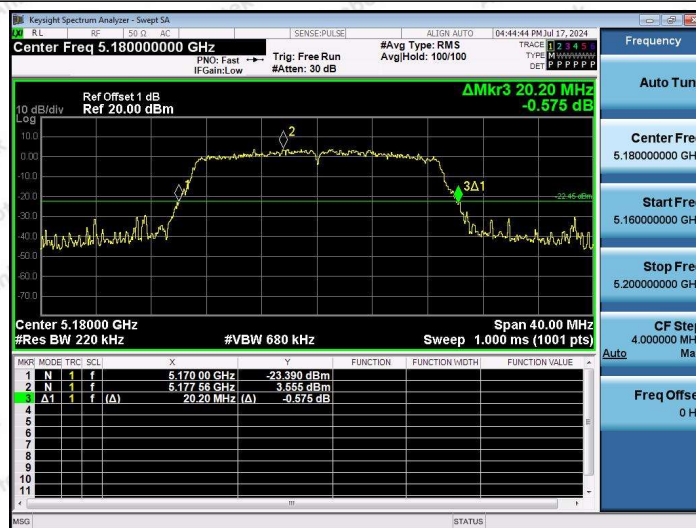




11N40SISO-Ant1-5190



11N40SISO-Ant1-5230



11A20SISO-Ant1-5180

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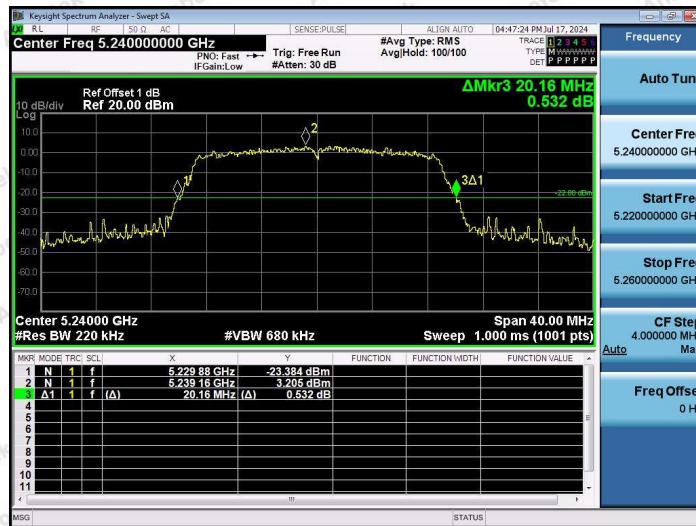
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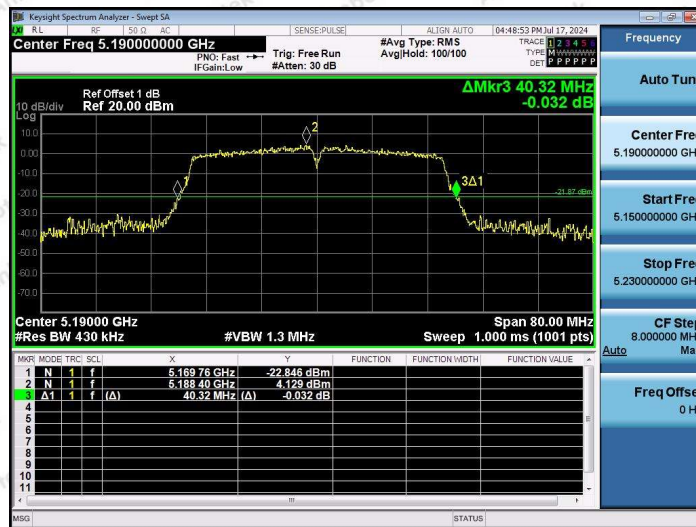




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11AC20SISO-Ant1-5240



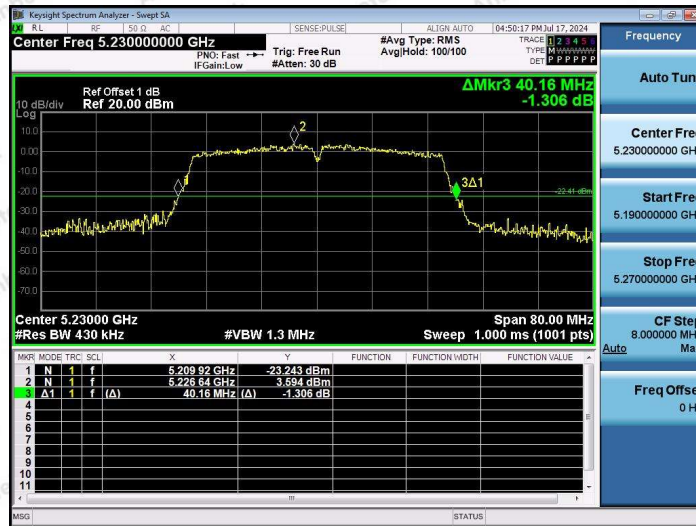
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11AC40SISO-Ant1-5230



11AX20SISO-Ant1-5180



11AX20SISO-Ant1-5200

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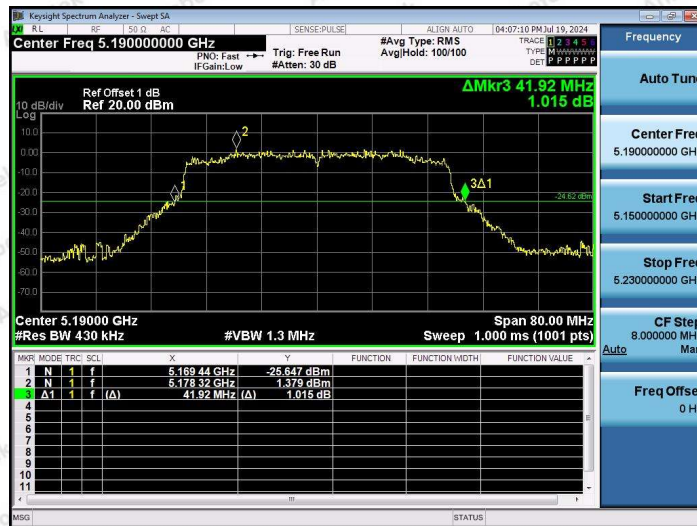
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11AX20SISO-Ant1-5240



11AX40SISO-Ant1-5190



11AX40SISO-Ant1-5230

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Appendix A2: 99% Occupied Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.087	5171.4931	5188.5801	---	---
11A	Ant1	5200	16.903	5191.5747	5208.4777	---	---
11A	Ant1	5240	16.874	5231.5656	5248.4396	---	---
11N20SISO	Ant1	5180	17.933	5171.0637	5188.9967	---	---
11N20SISO	Ant1	5220	17.876	5211.0747	5228.9507	---	---
11N20SISO	Ant1	5240	17.997	5231.0250	5249.0220	---	---
11N20SISO	Ant1	5260	17.855	5251.1002	5268.9552	---	---
11N40SISO	Ant1	5190	36.382	5171.8821	5208.2641	---	---
11N40SISO	Ant1	5230	36.480	5211.8038	5248.2838	---	---
11AC20SISO	Ant1	5180	17.843	5171.1061	5188.9491	---	---
11AC20SISO	Ant1	5200	17.821	5191.0870	5208.9080	---	---
11AC20SISO	Ant1	5240	17.820	5231.1107	5248.9307	---	---
11AC40SISO	Ant1	5190	36.182	5172.0179	5208.1999	---	---
11AC40SISO	Ant1	5230	36.213	5211.9523	5248.1653	---	---
11AX20SISO	Ant1	5180	18.993	5170.5117	5189.5047	---	---
11AX20SISO	Ant1	5200	19.040	5190.5018	5209.5418	---	---
11AX20SISO	Ant1	5240	18.983	5230.5454	5249.5284	---	---
11AX40SISO	Ant1	5190	37.673	5171.2317	5208.9047	---	---
11AX40SISO	Ant1	5230	37.597	5211.2626	5248.8596	---	---

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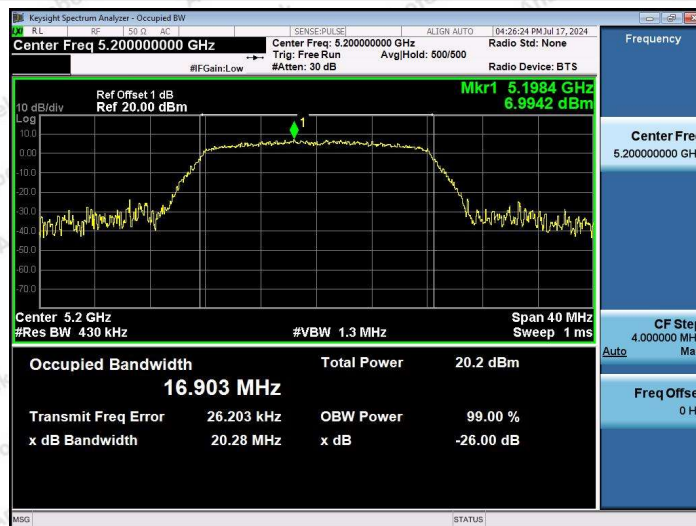
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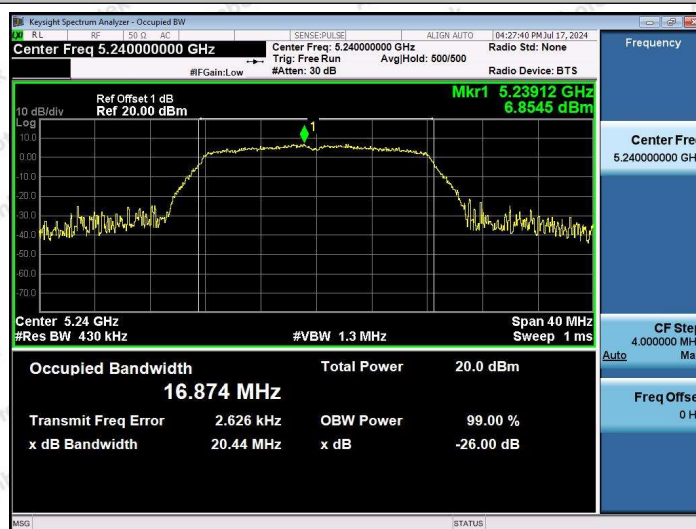
Test Graphs



11A-Ant1-5180



11A-Ant1-5200



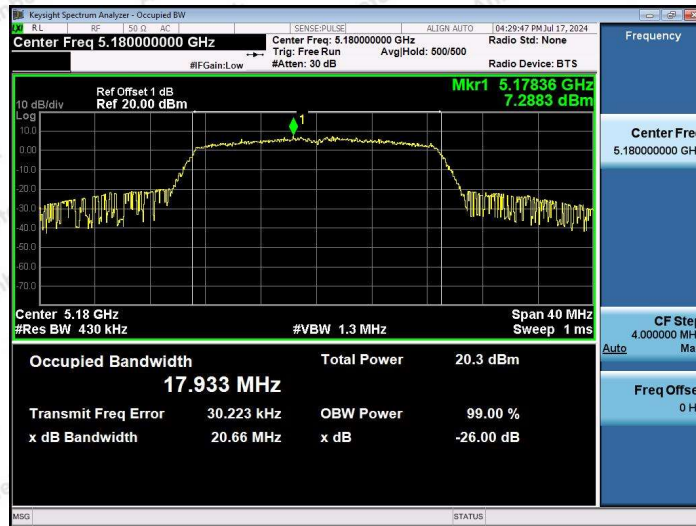
11A-Ant1-5240

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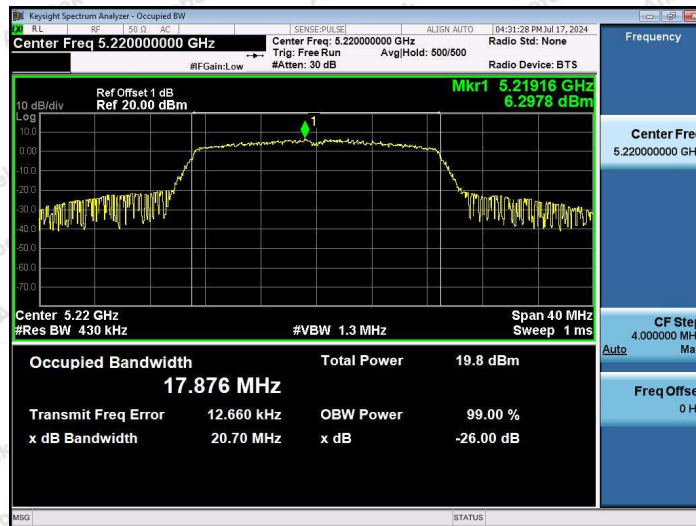
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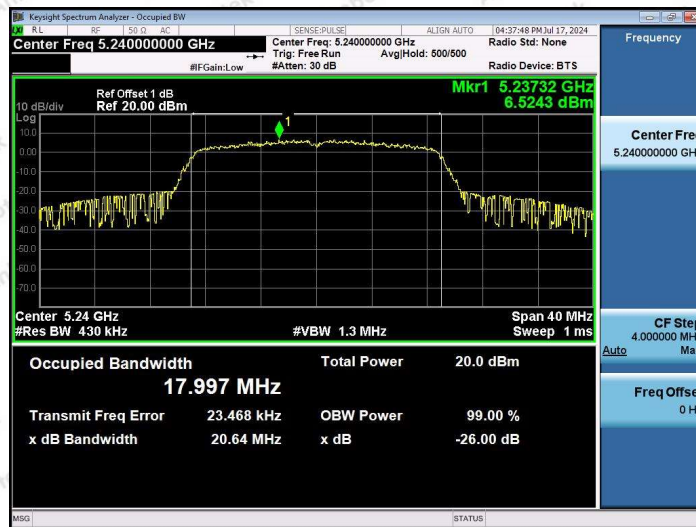




11N20SISO-Ant1-5180



11N20SISO-Ant1-5220



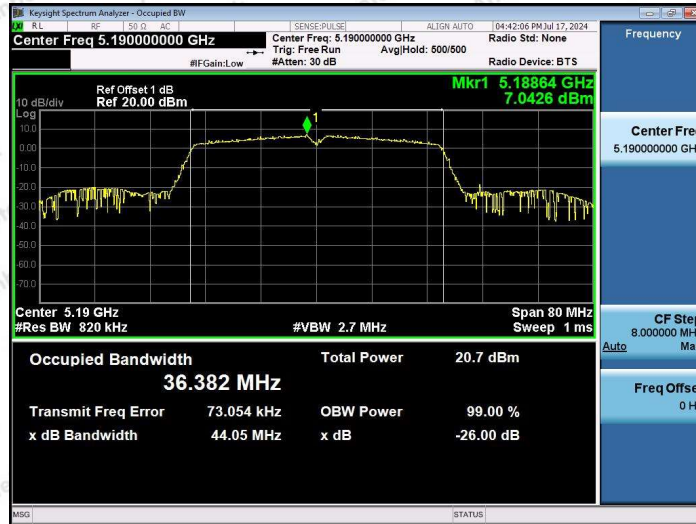
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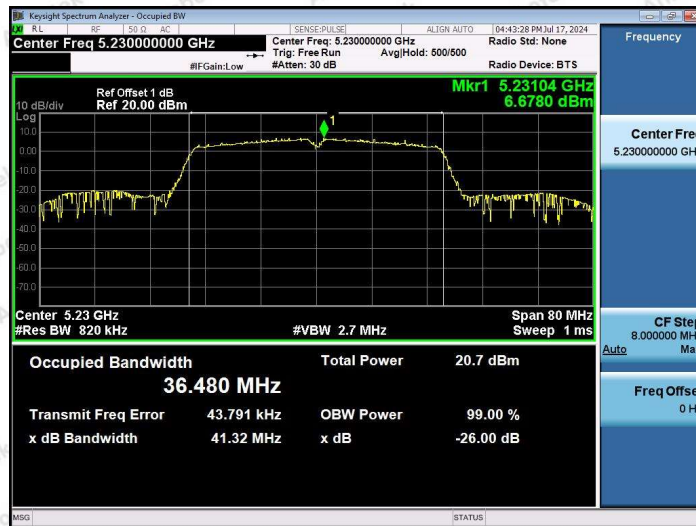
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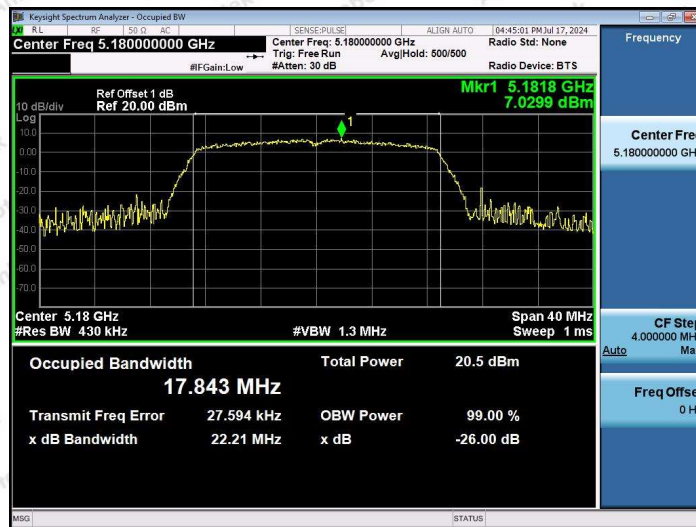




11N40SISO-Ant1-5190



11N40SISO-Ant1-5230



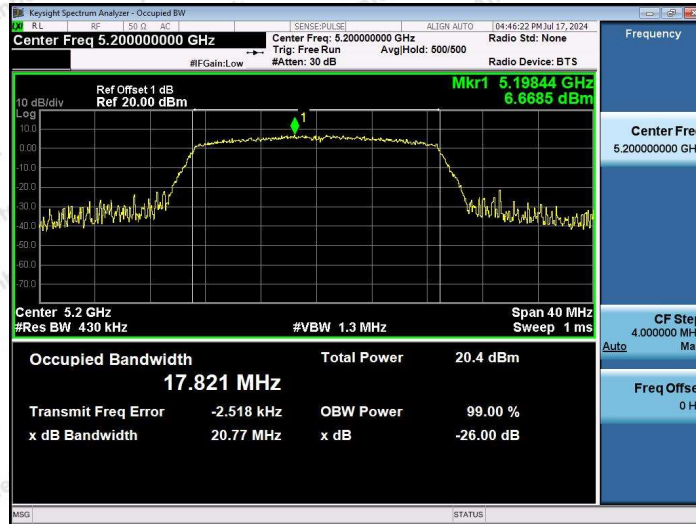
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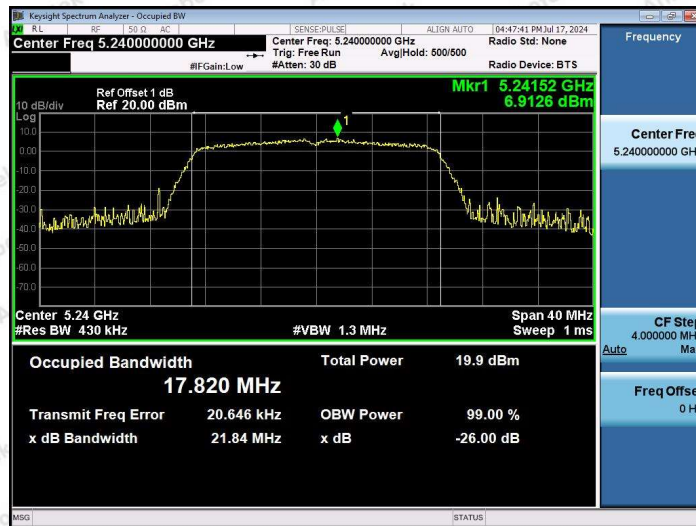
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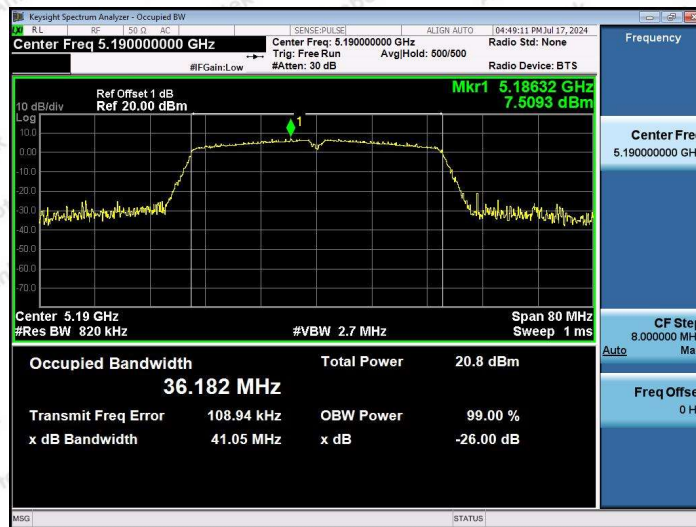




11AC20SISO-Ant1-5200



11AC20SISO-Ant1-5240



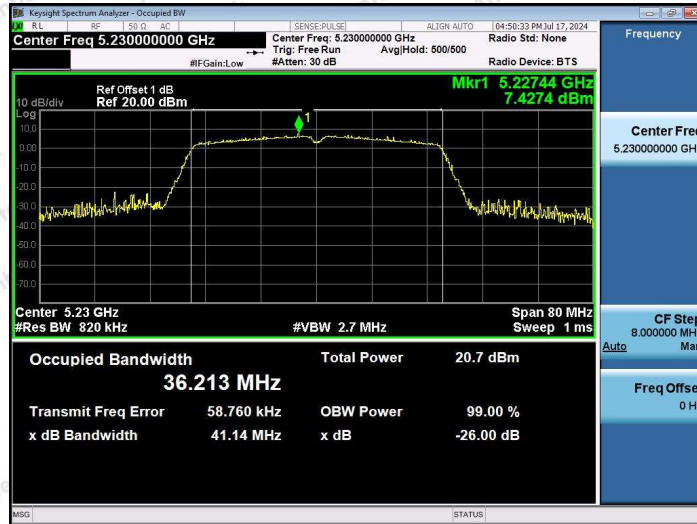
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11AC40SISO-Ant1-5230



11AX20SISO-Ant1-5180



11AX20SISO-Ant1-5200

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11AX20SISO-Ant1-5240



11AX40SISO-Ant1-5190



11AX40SISO-Ant1-5230

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Appendix B: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Dc Factor [dB]	1/T
11A	Ant1	5180	1.39	1.43	97.20	0.12	0.72
11A	Ant1	5200	1.39	1.43	97.20	0.12	0.72
11A	Ant1	5240	1.39	1.42	97.89	0.09	0.72
11N20SISO	Ant1	5180	1.30	1.34	97.01	0.13	0.77
11N20SISO	Ant1	5220	1.30	1.34	97.01	0.13	0.77
11N20SISO	Ant1	5240	1.30	1.33	97.74	0.10	0.77
11N40SISO	Ant1	5190	0.65	0.68	95.59	0.20	1.54
11N40SISO	Ant1	5230	0.65	0.68	95.59	0.20	1.54
11AC20SISO	Ant1	5180	1.31	1.35	97.04	0.13	0.76
11AC20SISO	Ant1	5200	1.32	1.35	97.78	0.10	0.76
11AC20SISO	Ant1	5240	1.31	1.35	97.04	0.13	0.76
11AC40SISO	Ant1	5190	0.66	0.69	95.65	0.19	1.52
11AC40SISO	Ant1	5230	0.66	0.69	95.65	0.19	1.52
11AX20SISO	Ant1	5180	0.18	0.23	78.26	1.06	5.56
11AX20SISO	Ant1	5200	0.17	0.22	77.27	1.12	5.88
11AX20SISO	Ant1	5240	0.17	0.22	77.27	1.12	5.88
11AX40SISO	Ant1	5190	0.17	0.22	77.27	1.12	5.88
11AX40SISO	Ant1	5230	0.17	0.22	77.27	1.12	5.88

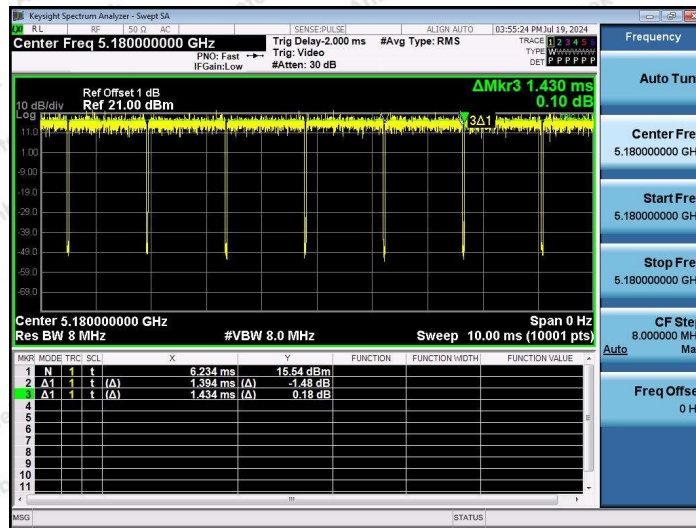
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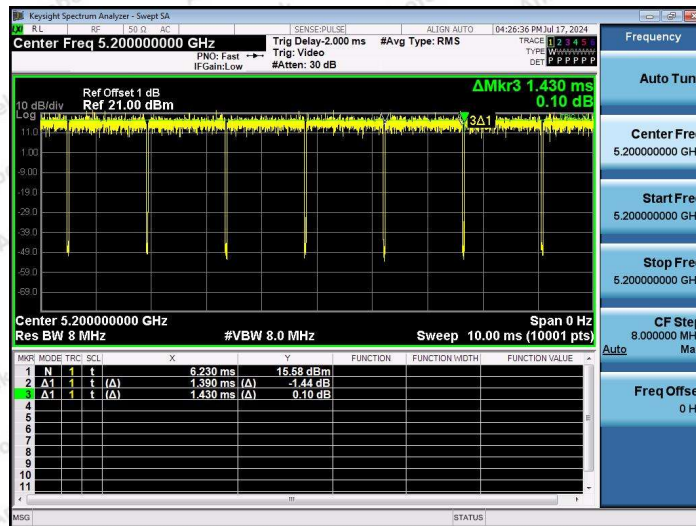
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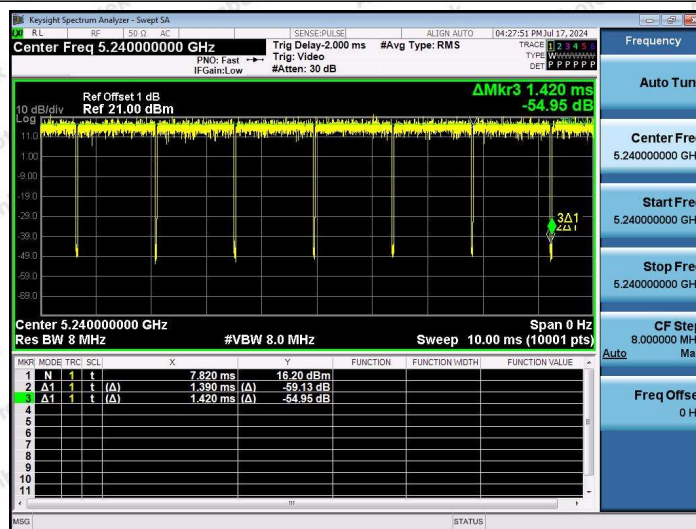
Test Graphs



NTNV-11A-Ant1-5180



NTNV-11A-Ant1-5200



NTNV-11A-Ant1-5240

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