



Reference No.: PSU-NQN2412310215RF02



Certificate #6613.01

## APPENDIX B

### RLAN

#### EMISSION BANDWIDTH TEST RESULT

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A-CDD	Ant8	5180	20.440	5170.240	5190.680	---	---
	Ant9	5180	19.560	5170.360	5189.920	---	---
	Ant8	5200	18.800	5190.480	5209.280	---	---
	Ant9	5200	18.960	5190.600	5209.560	---	---
	Ant8	5240	19.080	5230.440	5249.520	---	---
	Ant9	5240	18.560	5230.640	5249.200	---	---
	Ant8	5260	21.680	5250.040	5271.720	---	---
	Ant9	5260	19.600	5250.080	5269.680	---	---
	Ant8	5300	24.120	5290.280	5314.400	---	---
	Ant9	5300	19.600	5289.880	5309.480	---	---
	Ant8	5320	19.240	5310.320	5329.560	---	---
	Ant9	5320	19.240	5310.280	5329.520	---	---
	Ant8	5500	18.600	5490.800	5509.400	---	---
	Ant9	5500	19.520	5490.240	5509.760	---	---
	Ant8	5580	18.840	5570.800	5589.640	---	---
	Ant9	5580	18.560	5570.840	5589.400	---	---
	Ant8	5720	19.560	5710.240	5729.800	---	---
	Ant9	5720	19.080	5710.480	5729.560	---	---
	Ant8	5720_UNII-2C	14.76	5710.240	5725	---	---
	Ant9	5720_UNII-2C	14.52	5710.480	5725	---	---
	Ant8	5720_UNII-3	4.8	5725	5729.800	---	---
	Ant9	5720_UNII-3	4.56	5725	5729.560	---	---
	Ant8	5745	20.440	5735.720	5756.160	---	---
	Ant9	5745	19.000	5735.480	5754.480	---	---
	Ant8	5785	18.560	5775.760	5794.320	---	---
	Ant9	5785	19.200	5775.440	5794.640	---	---
	Ant8	5825	19.240	5815.440	5834.680	---	---
	Ant9	5825	18.760	5815.600	5834.360	---	---
11N20MIMO	Ant8	5180	19.960	5170.000	5189.960	---	---
	Ant9	5180	20.200	5170.000	5190.200	---	---
	Ant8	5200	21.600	5189.360	5210.960	---	---
	Ant9	5200	20.440	5189.600	5210.040	---	---
	Ant8	5240	19.840	5230.000	5249.840	---	---
	Ant9	5240	20.240	5230.000	5250.240	---	---
	Ant8	5260	22.520	5249.680	5272.200	---	---
	Ant9	5260	20.240	5249.760	5270.000	---	---
	Ant8	5300	21.600	5289.760	5311.360	---	---
	Ant9	5300	20.040	5290.000	5310.040	---	---



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11N40MIMO	Ant8	5320	22.360	5309.200	5331.560	---	---
	Ant9	5320	20.040	5309.880	5329.920	---	---
	Ant8	5500	20.200	5490.120	5510.320	---	---
	Ant9	5500	20.600	5489.640	5510.240	---	---
	Ant8	5580	19.920	5570.080	5590.000	---	---
	Ant9	5580	19.760	5570.120	5589.880	---	---
	Ant8	5720	20.200	5710.080	5730.280	---	---
	Ant9	5720	20.160	5709.840	5730.000	---	---
	Ant8	5720_UNII-2C	14.92	5710.080	5725	---	---
	Ant9	5720_UNII-2C	15.16	5709.840	5725	---	---
	Ant8	5720_UNII-3	5.28	5725	5730.280	---	---
	Ant9	5720_UNII-3	5	5725	5730.000	---	---
	Ant8	5745	21.880	5734.800	5756.680	---	---
	Ant9	5745	20.160	5735.000	5755.160	---	---
	Ant8	5785	22.040	5774.800	5796.840	---	---
	Ant9	5785	20.320	5774.640	5794.960	---	---
	Ant8	5825	22.480	5814.880	5837.360	---	---
	Ant9	5825	20.320	5814.760	5835.080	---	---
11AC20MIMO	Ant8	5190	39.440	5170.320	5209.760	---	---
	Ant9	5190	39.040	5170.480	5209.520	---	---
	Ant8	5230	39.120	5210.400	5249.520	---	---
	Ant9	5230	39.440	5210.480	5249.920	---	---
	Ant8	5270	41.680	5250.080	5291.760	---	---
	Ant9	5270	39.360	5250.480	5289.840	---	---
	Ant8	5310	38.960	5290.560	5329.520	---	---
	Ant9	5310	39.360	5289.920	5329.280	---	---
	Ant8	5510	39.680	5490.240	5529.920	---	---
	Ant9	5510	38.880	5490.640	5529.520	---	---
	Ant8	5590	39.200	5570.560	5609.760	---	---
	Ant9	5590	39.440	5570.320	5609.760	---	---
	Ant8	5710	39.200	5690.320	5729.520	---	---
	Ant9	5710	39.280	5690.320	5729.600	---	---
	Ant8	5710_UNII-2C	34.68	5690.320	5725	---	---
	Ant9	5710_UNII-2C	34.68	5690.320	5725	---	---
	Ant8	5710_UNII-3	4.52	5725	5729.520	---	---
	Ant9	5710_UNII-3	4.6	5725	5729.600	---	---
	Ant8	5755	40.720	5734.680	5775.400	---	---
	Ant9	5755	38.880	5735.480	5774.360	---	---
	Ant8	5795	40.800	5775.080	5815.880	---	---
	Ant9	5795	39.280	5775.400	5814.680	---	---



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11AC40MIMO	Ant9	5500	20.320	5490.080	5510.400	---	---
	Ant8	5580	21.400	5569.520	5590.920	---	---
	Ant9	5580	20.800	5569.800	5590.600	---	---
	Ant8	5720	19.880	5710.120	5730.000	---	---
	Ant9	5720	20.320	5709.920	5730.240	---	---
	Ant8	5720_UNII-2C	14.88	5710.120	5725	---	---
	Ant9	5720_UNII-2C	15.08	5709.920	5725	---	---
	Ant8	5720_UNII-3	5	5725	5730.000	---	---
	Ant9	5720_UNII-3	5.24	5725	5730.240	---	---
	Ant8	5745	20.760	5735.000	5755.760	---	---
	Ant9	5745	20.280	5734.840	5755.120	---	---
	Ant8	5785	21.760	5774.880	5796.640	---	---
	Ant9	5785	19.720	5775.160	5794.880	---	---
	Ant8	5825	22.280	5814.080	5836.360	---	---
	Ant9	5825	19.800	5815.080	5834.880	---	---
11AC80MIMO	Ant8	5190	39.280	5170.400	5209.680	---	---
	Ant9	5190	39.440	5170.480	5209.920	---	---
	Ant8	5230	39.520	5210.480	5250.000	---	---
	Ant9	5230	39.440	5210.000	5249.440	---	---
	Ant8	5270	40.400	5250.000	5290.400	---	---
	Ant9	5270	39.360	5250.240	5289.600	---	---
	Ant8	5310	40.000	5290.000	5330.000	---	---
	Ant9	5310	39.440	5290.240	5329.680	---	---
	Ant8	5510	39.200	5490.320	5529.520	---	---
	Ant9	5510	40.240	5489.840	5530.080	---	---
	Ant8	5590	39.440	5570.240	5609.680	---	---
	Ant9	5590	39.200	5570.480	5609.680	---	---
	Ant8	5710	39.760	5690.000	5729.760	---	---
	Ant9	5710	39.280	5690.320	5729.600	---	---
	Ant8	5710_UNII-2C	35	5690.000	5725	---	---
	Ant9	5710_UNII-2C	34.68	5690.320	5725	---	---
11AC160MIMO	Ant8	5710_UNII-3	4.76	5725	5729.760	---	---
	Ant9	5710_UNII-3	4.6	5725	5729.600	---	---
	Ant8	5755	39.920	5735.160	5775.080	---	---
	Ant9	5755	39.440	5735.320	5774.760	---	---
	Ant8	5795	40.320	5775.000	5815.320	---	---
	Ant9	5795	39.760	5775.400	5815.160	---	---
	Ant8	5210	84.160	5168.720	5252.880	---	---
	Ant9	5210	80.800	5169.360	5250.160	---	---
	Ant8	5290	94.240	5249.520	5343.760	---	---
	Ant9	5290	81.280	5249.520	5330.800	---	---
	Ant8	5530	80.640	5489.680	5570.320	---	---
	Ant9	5530	81.280	5489.680	5570.960	---	---
11AC160MIMO	Ant8	5690	80.480	5649.840	5730.320	---	---
	Ant9	5690	80.960	5649.360	5730.320	---	---
	Ant8	5690_UNII-2C	75.16	5649.840	5725	---	---
	Ant9	5690_UNII-2C	75.64	5649.360	5725	---	---
	Ant8	5690_UNII-3	5.32	5725	5730.320	---	---
	Ant9	5690_UNII-3	5.32	5725	5730.320	---	---
	Ant8	5775	81.760	5734.840	5816.600	---	---
	Ant9	5775	81.120	5734.520	5815.640	---	---



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11AX20MIMO	Ant8	5250_UNII-1	81.28	5168.720	5250	---	---
	Ant9	5250_UNII-1	81.28	5168.720	5250	---	---
	Ant8	5250_UNII-2A	81.6	5250	5331.600	---	---
	Ant9	5250_UNII-2A	80.96	5250	5330.960	---	---
	Ant8	5570	163.840	5487.760	5651.600	---	---
	Ant9	5570	163.200	5488.720	5651.920	---	---
	Ant8	5180	20.520	5169.800	5190.320	---	---
	Ant9	5180	20.600	5169.840	5190.440	---	---
	Ant8	5200	20.360	5189.800	5210.160	---	---
	Ant9	5200	20.760	5189.680	5210.440	---	---
	Ant8	5240	20.760	5229.680	5250.440	---	---
	Ant9	5240	20.680	5229.640	5250.320	---	---
	Ant8	5260	21.320	5249.640	5270.960	---	---
	Ant9	5260	20.640	5249.600	5270.240	---	---
	Ant8	5300	22.840	5289.560	5312.400	---	---
	Ant9	5300	20.640	5289.720	5310.360	---	---
	Ant8	5320	21.400	5309.440	5330.840	---	---
	Ant9	5320	20.960	5309.560	5330.520	---	---
	Ant8	5500	20.840	5489.720	5510.560	---	---
	Ant9	5500	20.840	5489.560	5510.400	---	---
	Ant8	5580	20.600	5569.800	5590.400	---	---
	Ant9	5580	20.760	5569.480	5590.240	---	---
	Ant8	5720	20.760	5709.600	5730.360	---	---
	Ant9	5720	20.920	5709.480	5730.400	---	---
	Ant8	5720_UNII-2C	15.4	5709.600	5725	---	---
	Ant9	5720_UNII-2C	15.52	5709.480	5725	---	---
	Ant8	5720_UNII-3	5.36	5725	5730.360	---	---
	Ant9	5720_UNII-3	5.4	5725	5730.400	---	---
	Ant8	5745	22.440	5734.640	5757.080	---	---
	Ant9	5745	20.800	5734.800	5755.600	---	---
	Ant8	5785	21.800	5774.600	5796.400	---	---
	Ant9	5785	21.160	5774.240	5795.400	---	---
	Ant8	5825	23.360	5814.200	5837.560	---	---
	Ant9	5825	20.800	5814.640	5835.440	---	---
11AX40MIMO	Ant8	5190	39.440	5170.320	5209.760	---	---
	Ant9	5190	39.760	5170.160	5209.920	---	---
	Ant8	5230	39.840	5210.080	5249.920	---	---
	Ant9	5230	39.680	5210.160	5249.840	---	---
	Ant8	5270	40.160	5250.160	5290.320	---	---
	Ant9	5270	39.920	5250.080	5290.000	---	---
	Ant8	5310	40.400	5289.760	5330.160	---	---
	Ant9	5310	40.320	5289.840	5330.160	---	---
	Ant8	5510	39.680	5490.080	5529.760	---	---
	Ant9	5510	40.160	5489.920	5530.080	---	---
	Ant8	5590	40.000	5570.080	5610.080	---	---
	Ant9	5590	39.840	5570.000	5609.840	---	---
	Ant8	5710	39.840	5690.000	5729.840	---	---
	Ant9	5710	40.080	5689.920	5730.000	---	---
	Ant8	5710_UNII-2C	35	5690.000	5725	---	---
	Ant9	5710_UNII-2C	35.08	5689.920	5725	---	---
	Ant8	5710_UNII-3	4.84	5725	5729.840	---	---
	Ant9	5710_UNII-3	5	5725	5730.000	---	---
	Ant8	5755	40.320	5734.920	5775.240	---	---



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	Ant9	5755	39.760	5735.240	5775.000	---	---
	Ant8	5795	39.920	5775.320	5815.240	---	---
	Ant9	5795	39.920	5774.920	5814.840	---	---
11AX80MIMO	Ant8	5210	80.640	5170.000	5250.640	---	---
	Ant9	5210	80.640	5170.000	5250.640	---	---
	Ant8	5290	82.560	5249.520	5332.080	---	---
	Ant9	5290	81.120	5249.040	5330.160	---	---
	Ant8	5530	81.600	5489.040	5570.640	---	---
	Ant9	5530	81.120	5489.520	5570.640	---	---
	Ant8	5690	81.600	5648.880	5730.480	---	---
	Ant9	5690	81.280	5649.360	5730.640	---	---
	Ant8	5690_UNII-2C	76.12	5648.880	5725	---	---
	Ant9	5690_UNII-2C	75.64	5649.360	5725	---	---
	Ant8	5690_UNII-3	5.48	5725	5730.480	---	---
	Ant9	5690_UNII-3	5.64	5725	5730.640	---	---
	Ant8	5775	81.600	5733.880	5815.480	---	---
	Ant9	5775	81.120	5734.360	5815.480	---	---
11AX160MIMO	Ant8	5250	161.920	5169.040	5330.960	---	---
	Ant9	5250	162.880	5168.080	5330.960	---	---
	Ant8	5250_UNII-1	80.96	5169.040	5250	---	---
	Ant9	5250_UNII-1	81.92	5168.080	5250	---	---
	Ant8	5250_UNII-2A	80.96	5250	5330.960	---	---
	Ant9	5250_UNII-2A	80.96	5250	5330.960	---	---
	Ant8	5570	165.760	5488.720	5654.480	---	---
	Ant9	5570	161.920	5489.040	5650.960	---	---



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## TEST GRAPHS





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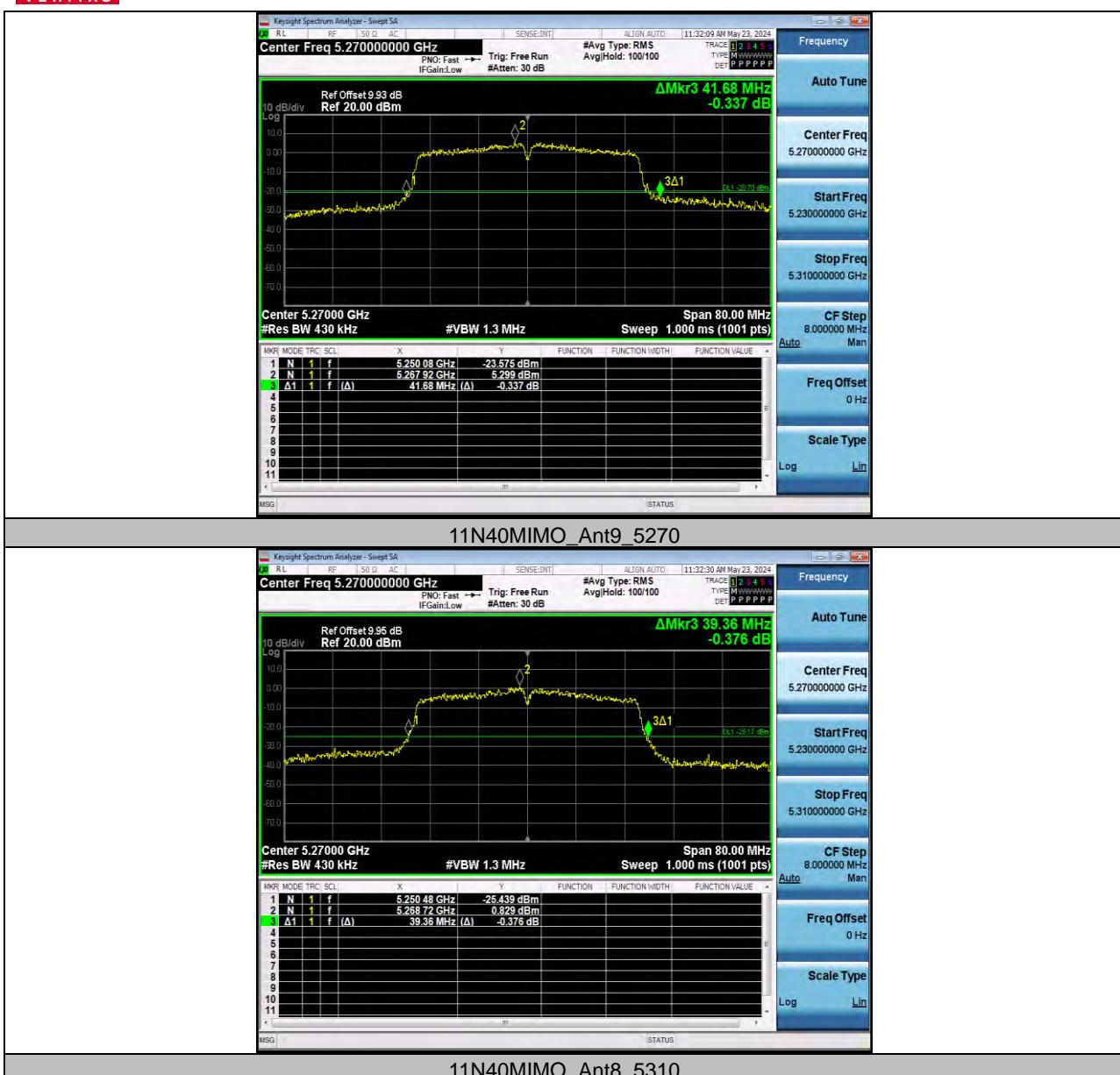
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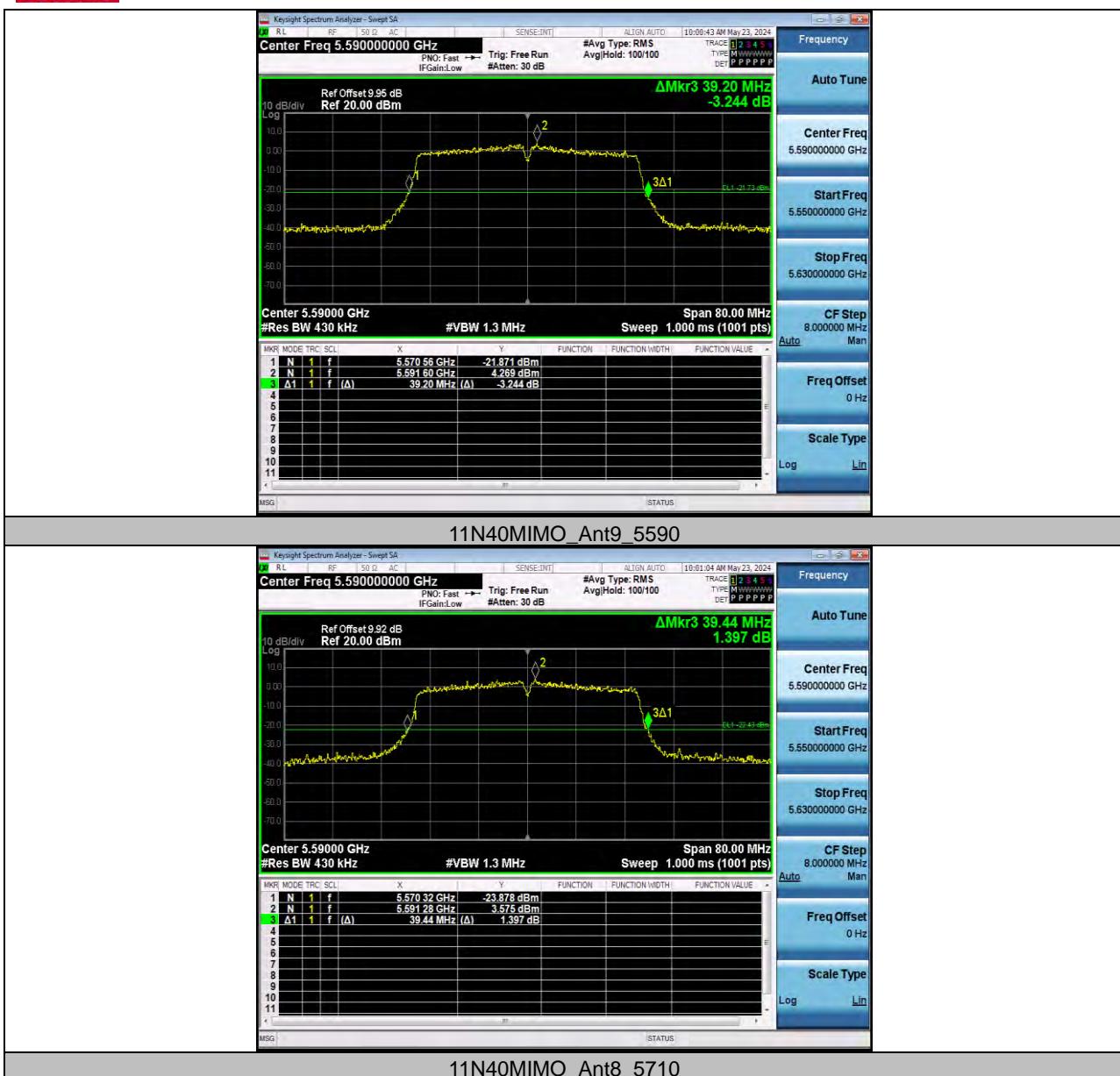
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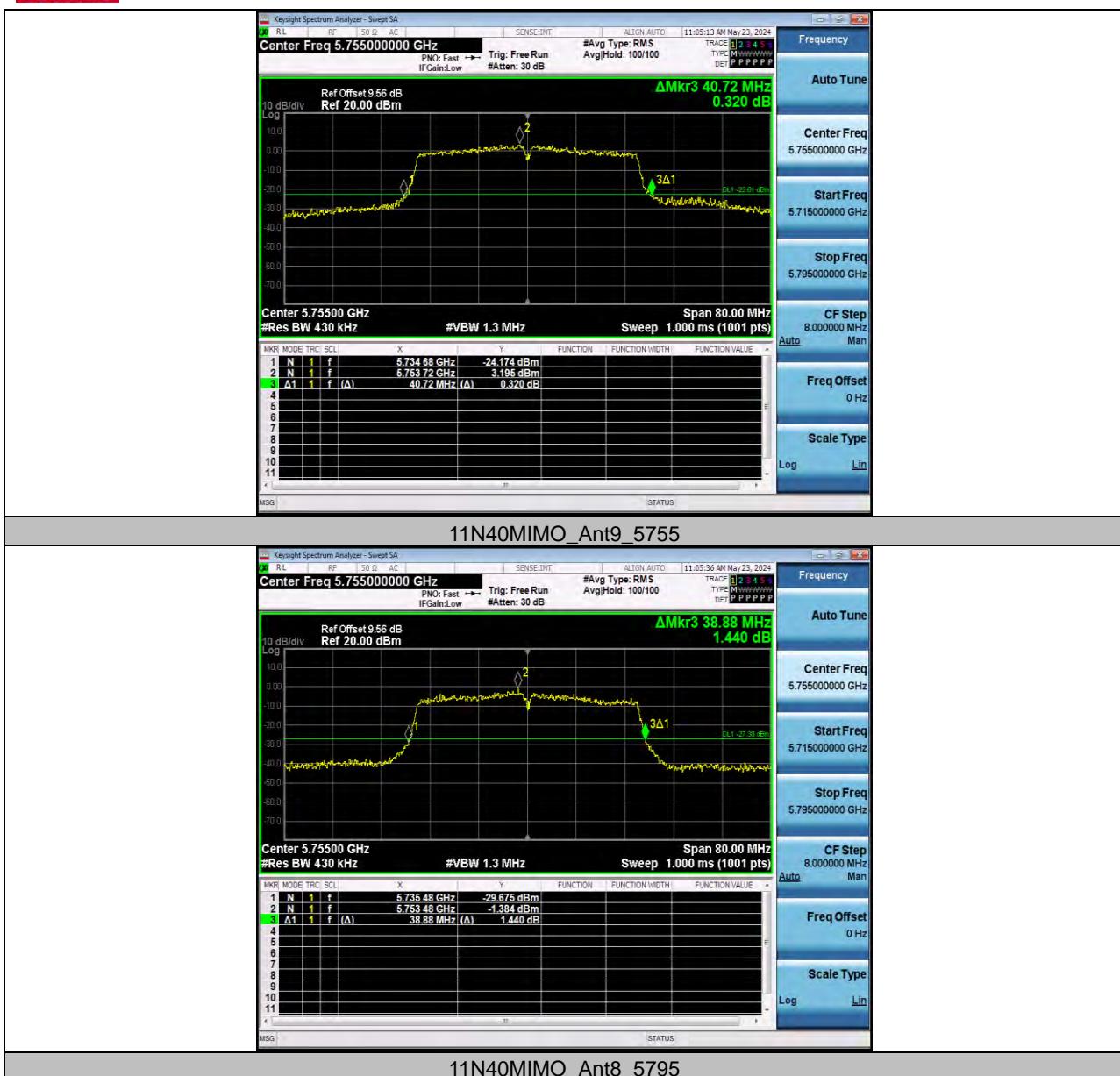
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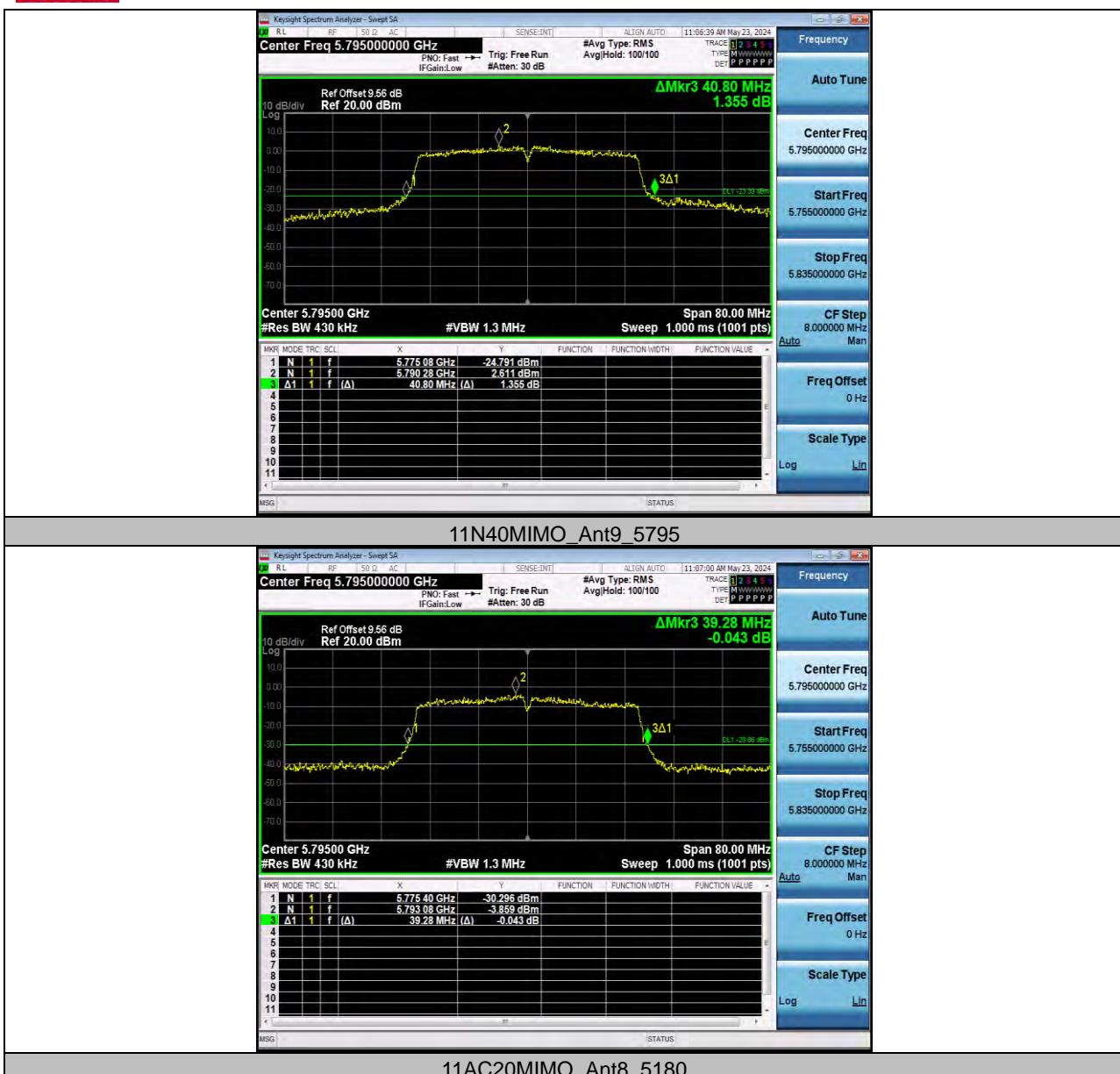
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