

Appendix 5G Wi-Fi Band4

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Appendix A1: Emission Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	21.200	5734.52 0	5755.72 0	---	---
11A	Ant2	5745	22.440	5733.60 0	5756.04 0	---	---
11A	Ant1	5785	23.040	5773.24 0	5796.28 0	---	---
11A	Ant2	5785	22.040	5773.84 0	5795.88 0	---	---
11A	Ant1	5825	22.320	5813.92 0	5836.24 0	---	---
11A	Ant2	5825	22.680	5813.44 0	5836.12 0	---	---
11N20MI MO	Ant1	5745	22.480	5733.64 0	5756.12 0	---	---
11N20MI MO	Ant2	5745	21.760	5734.20 0	5755.96 0	---	---
11N20MI MO	Ant1	5785	22.680	5773.64 0	5796.32 0	---	---
11N20MI MO	Ant2	5785	22.360	5773.72 0	5796.08 0	---	---
11N20MI MO	Ant1	5825	21.680	5814.04 0	5835.72 0	---	---
11N20MI MO	Ant2	5825	22.760	5813.60 0	5836.36 0	---	---
11N40MI MO	Ant1	5755	43.040	5733.56 0	5776.60 0	---	---
11N40MI MO	Ant2	5755	43.920	5733.56 0	5777.48 0	---	---
11N40MI MO	Ant1	5795	42.560	5773.64 0	5816.20 0	---	---
11N40MI MO	Ant2	5795	43.360	5773.24 0	5816.60 0	---	---
11AC20 MIMO	Ant1	5745	21.800	5733.80 0	5755.60 0	---	---
11AC20	Ant2	5745	22.320	5733.68	5756.00	---	---

MIMO				0	0		
11AC20 MIMO	Ant1	5785	22.080	5773.76 0	5795.84 0	---	---
11AC20 MIMO	Ant2	5785	22.200	5773.56 0	5795.76 0	---	---
11AC20 MIMO	Ant1	5825	23.000	5813.40 0	5836.40 0	---	---
11AC20 MIMO	Ant2	5825	22.200	5813.92 0	5836.12 0	---	---
11AC40 MIMO	Ant1	5755	42.880	5733.48 0	5776.36 0	---	---
11AC40 MIMO	Ant2	5755	45.120	5733.16 0	5778.28 0	---	---
11AC40 MIMO	Ant1	5795	44.240	5772.60 0	5816.84 0	---	---
11AC40 MIMO	Ant2	5795	44.240	5773.16 0	5817.40 0	---	---
11AC80 MIMO	Ant1	5775	86.080	5731.64 0	5817.72 0	---	---
11AC80 MIMO	Ant2	5775	86.080	5732.12 0	5818.20 0	---	---
11AX20M IMO	Ant1	5745	22.520	5733.80 0	5756.32 0	---	---
11AX20M IMO	Ant2	5745	21.720	5734.00 0	5755.72 0	---	---
11AX20M IMO	Ant1	5785	22.320	5773.60 0	5795.92 0	---	---
11AX20M IMO	Ant2	5785	21.160	5774.16 0	5795.32 0	---	---
11AX20M IMO	Ant1	5825	22.200	5813.72 0	5835.92 0	---	---
11AX20M IMO	Ant2	5825	22.400	5813.64 0	5836.04 0	---	---
11AX40M IMO	Ant1	5755	41.840	5733.96 0	5775.80 0	---	---
11AX40M IMO	Ant2	5755	42.640	5733.56 0	5776.20 0	---	---
11AX40M IMO	Ant1	5795	41.920	5773.80 0	5815.72 0	---	---
11AX40M IMO	Ant2	5795	42.080	5774.12 0	5816.20 0	---	---
11AX80M IMO	Ant1	5775	83.200	5733.40 0	5816.60 0	---	---

11AX80M IMO	Ant2	5775	85.760	5731.96 0	5817.72 0	---	---
11BE20M IMO	Ant1	5745	22.800	5733.28 0	5756.08 0	---	---
11BE20M IMO	Ant2	5745	22.120	5734.00 0	5756.12 0	---	---
11BE20M IMO	Ant1	5785	21.880	5773.76 0	5795.64 0	---	---
11BE20M IMO	Ant2	5785	21.920	5774.48 0	5796.40 0	---	---
11BE20M IMO	Ant1	5825	22.360	5813.68 0	5836.04 0	---	---
11BE20M IMO	Ant2	5825	22.320	5813.24 0	5835.56 0	---	---
11BE40M IMO	Ant1	5755	43.440	5733.16 0	5776.60 0	---	---
11BE40M IMO	Ant2	5755	42.160	5733.96 0	5776.12 0	---	---
11BE40M IMO	Ant1	5795	42.640	5773.40 0	5816.04 0	---	---
11BE40M IMO	Ant2	5795	42.560	5773.72 0	5816.28 0	---	---
11BE80M IMO	Ant1	5775	44.000	5752.92 0	5796.92 0	---	---
11BE80M IMO	Ant2	5775	42.720	5753.24 0	5795.96 0	---	---



11A-Ant1-5785



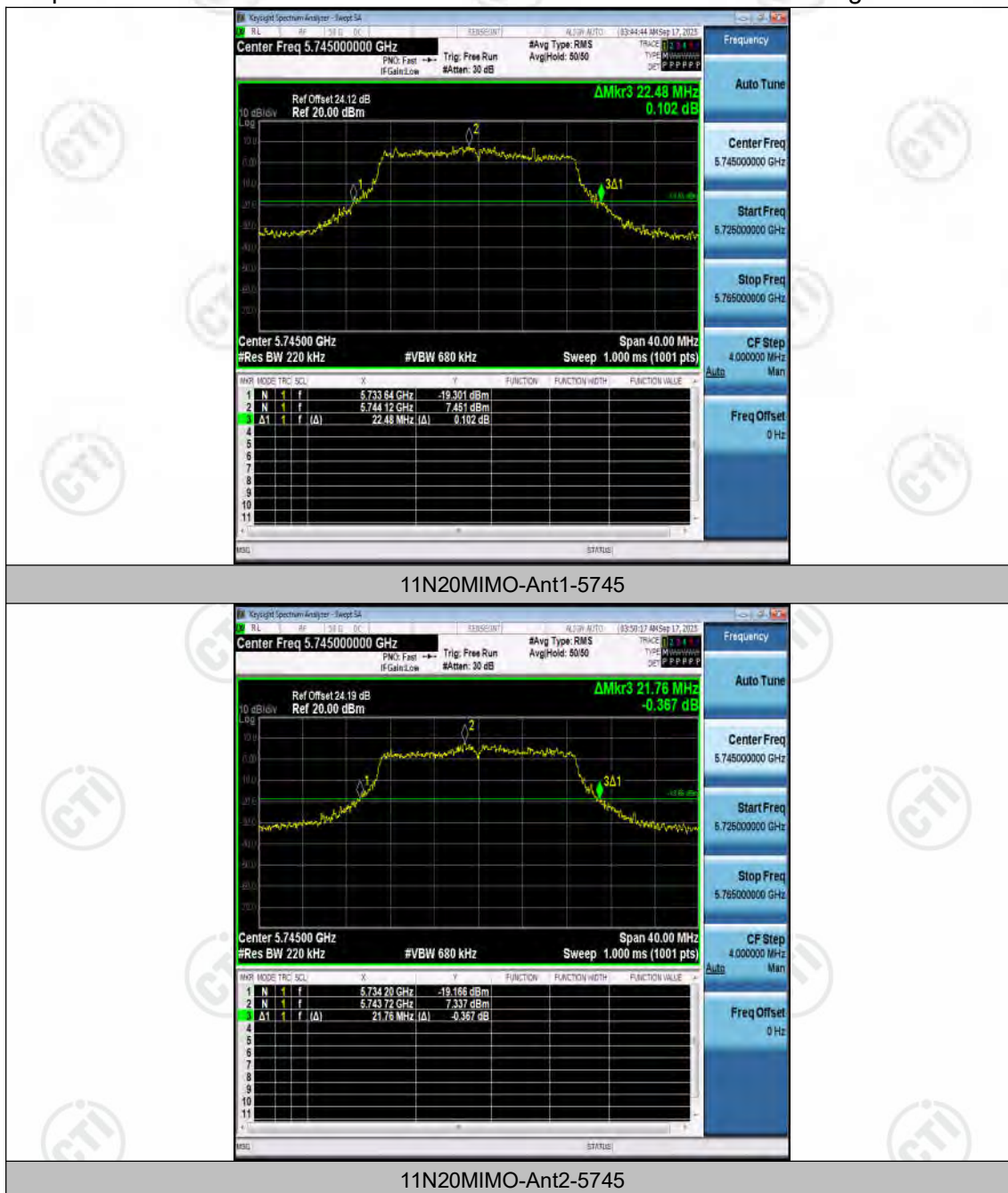
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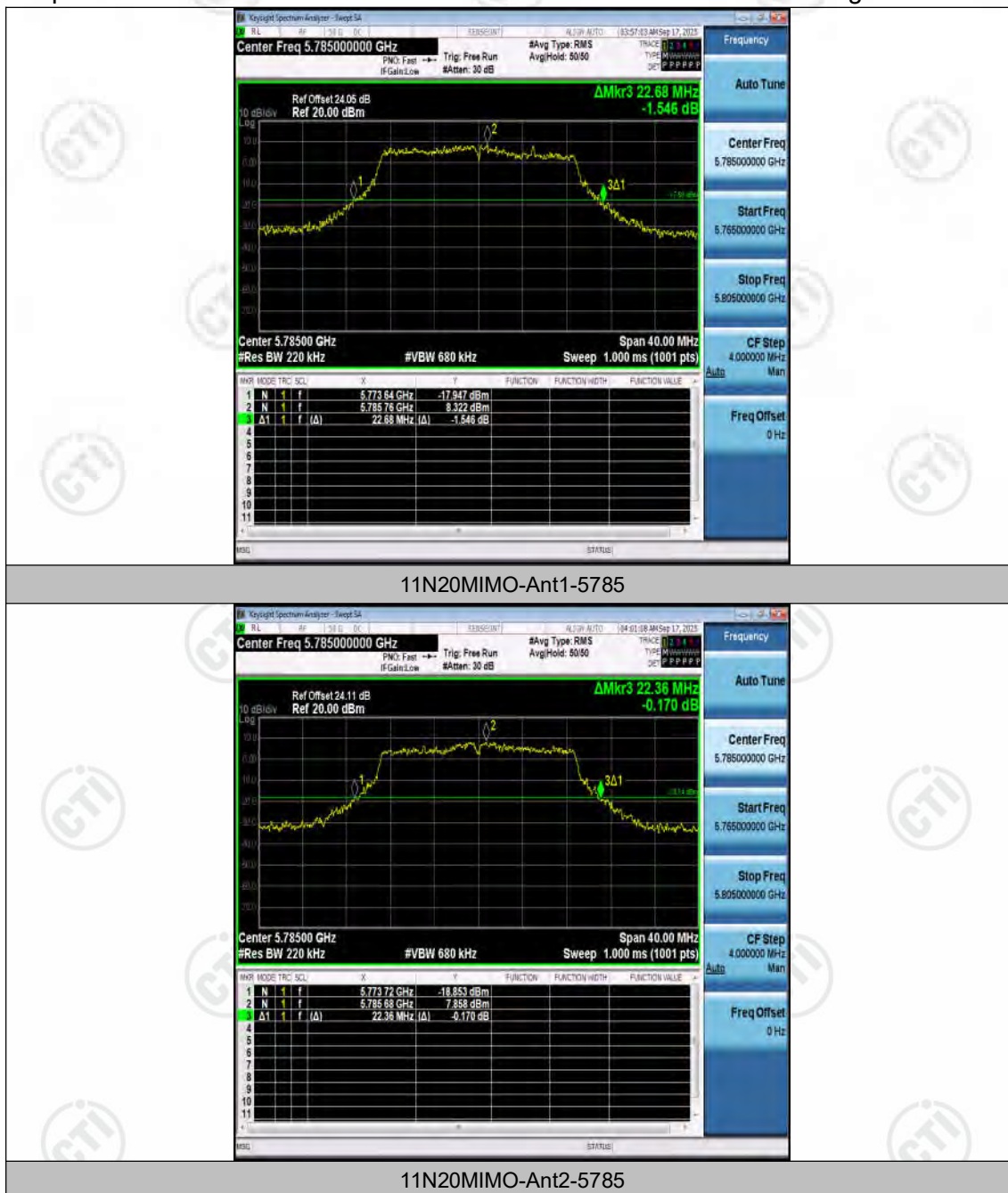


11A-Ant1-5825



11A-Ant2-5825







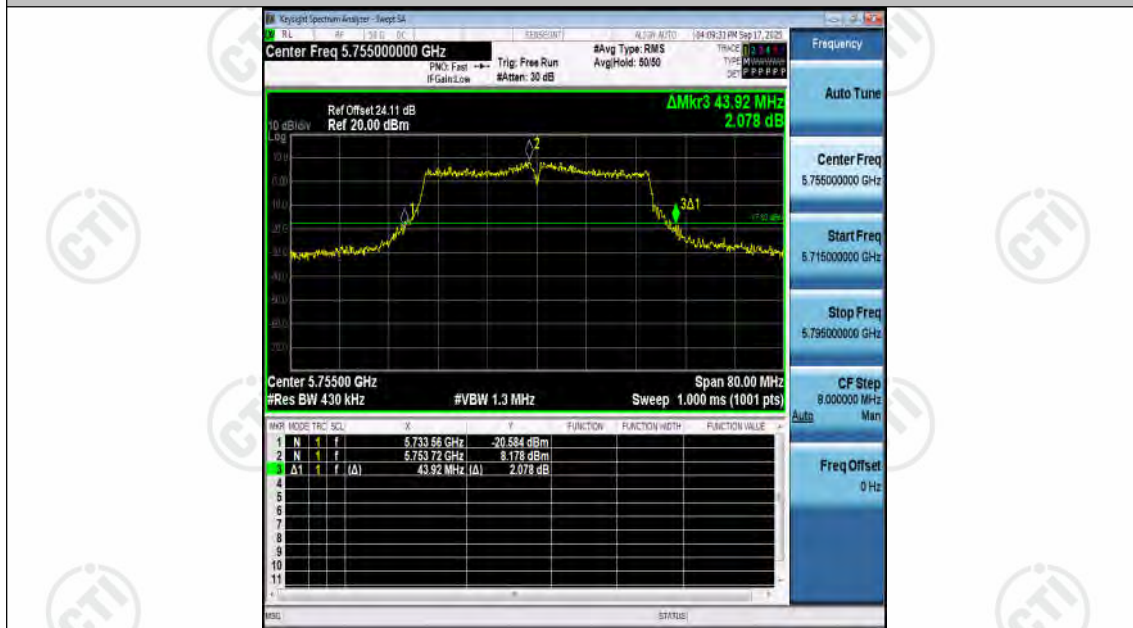
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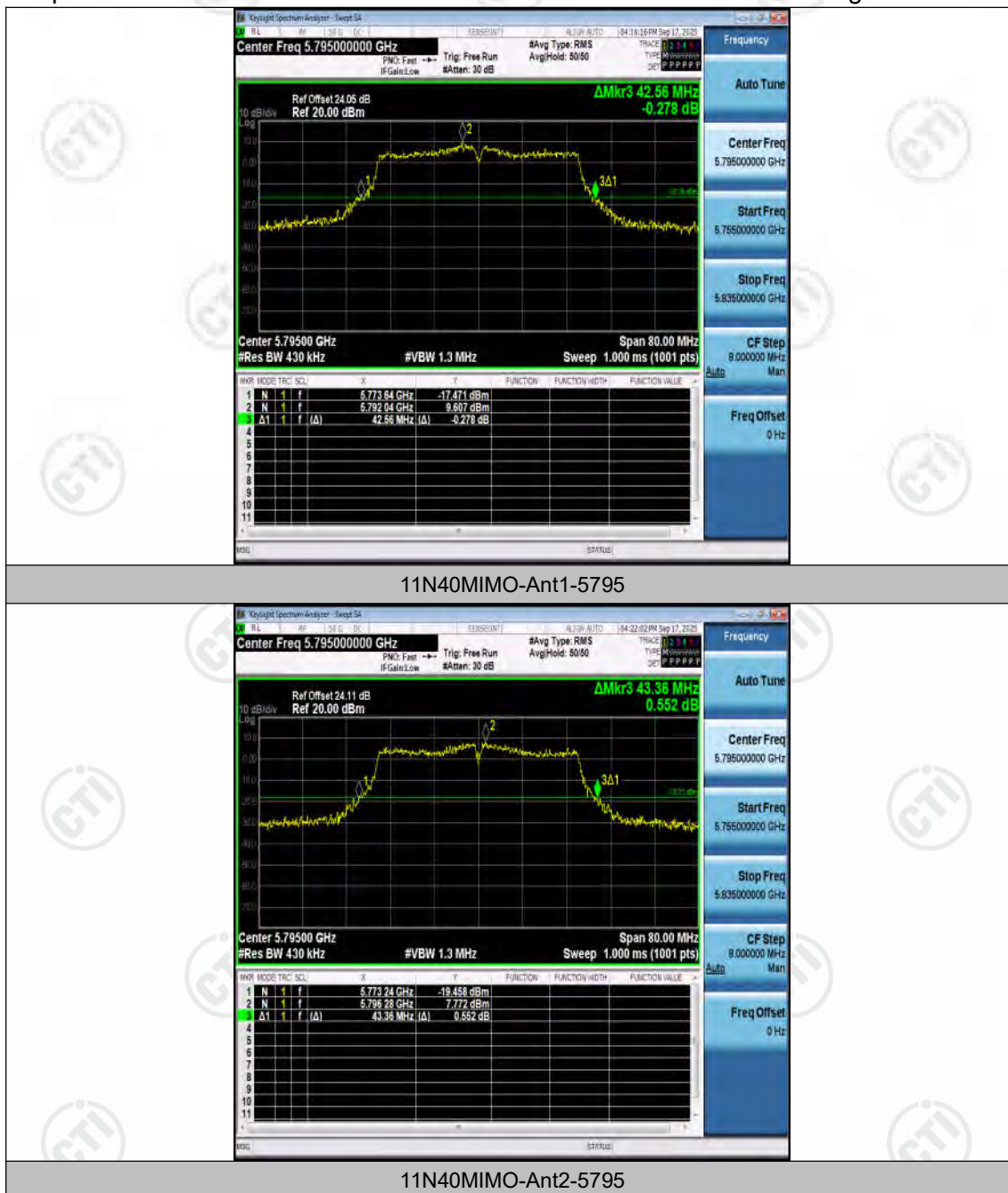
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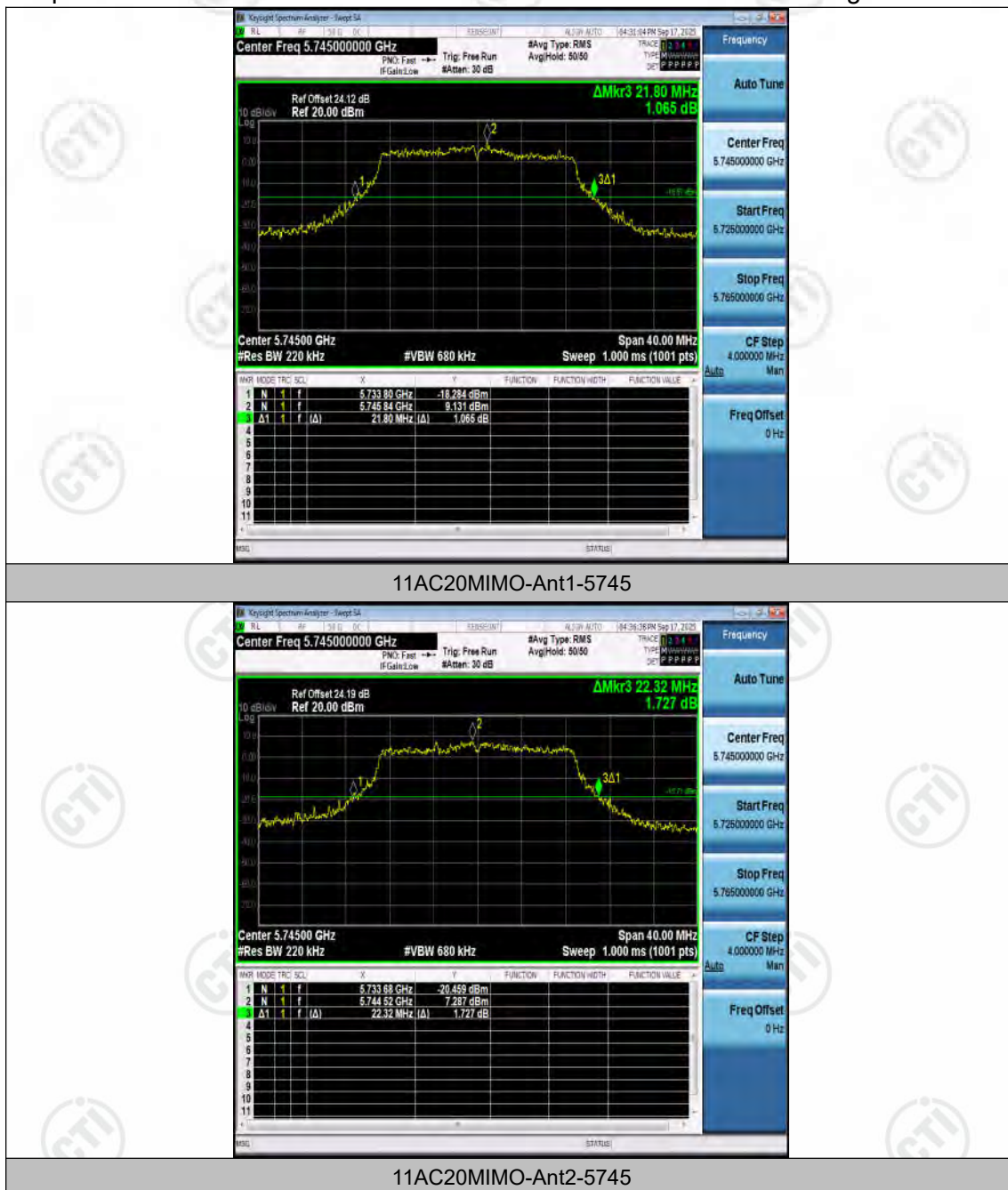


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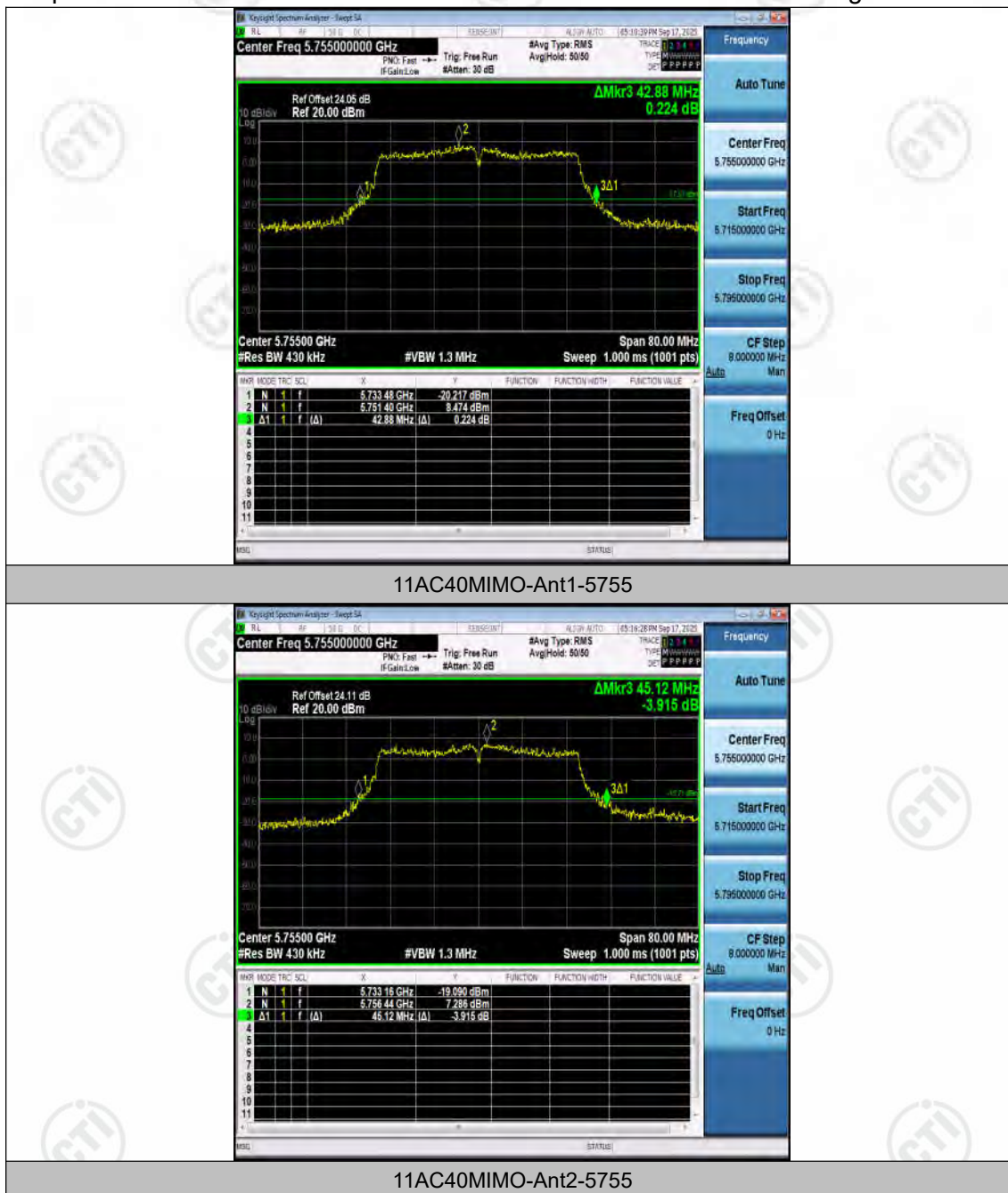
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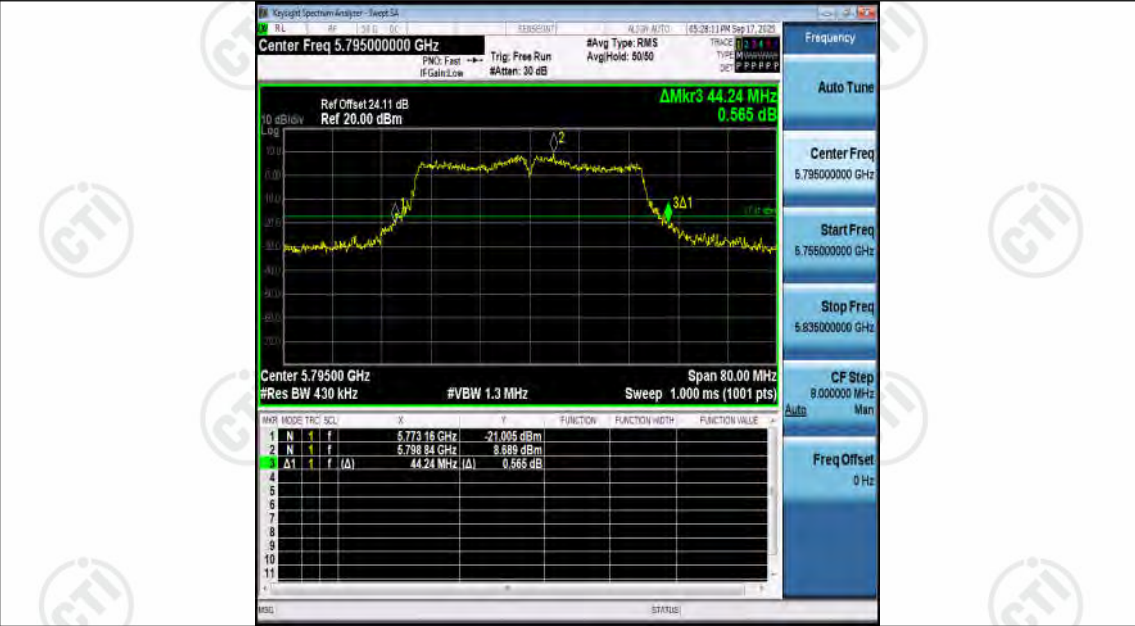




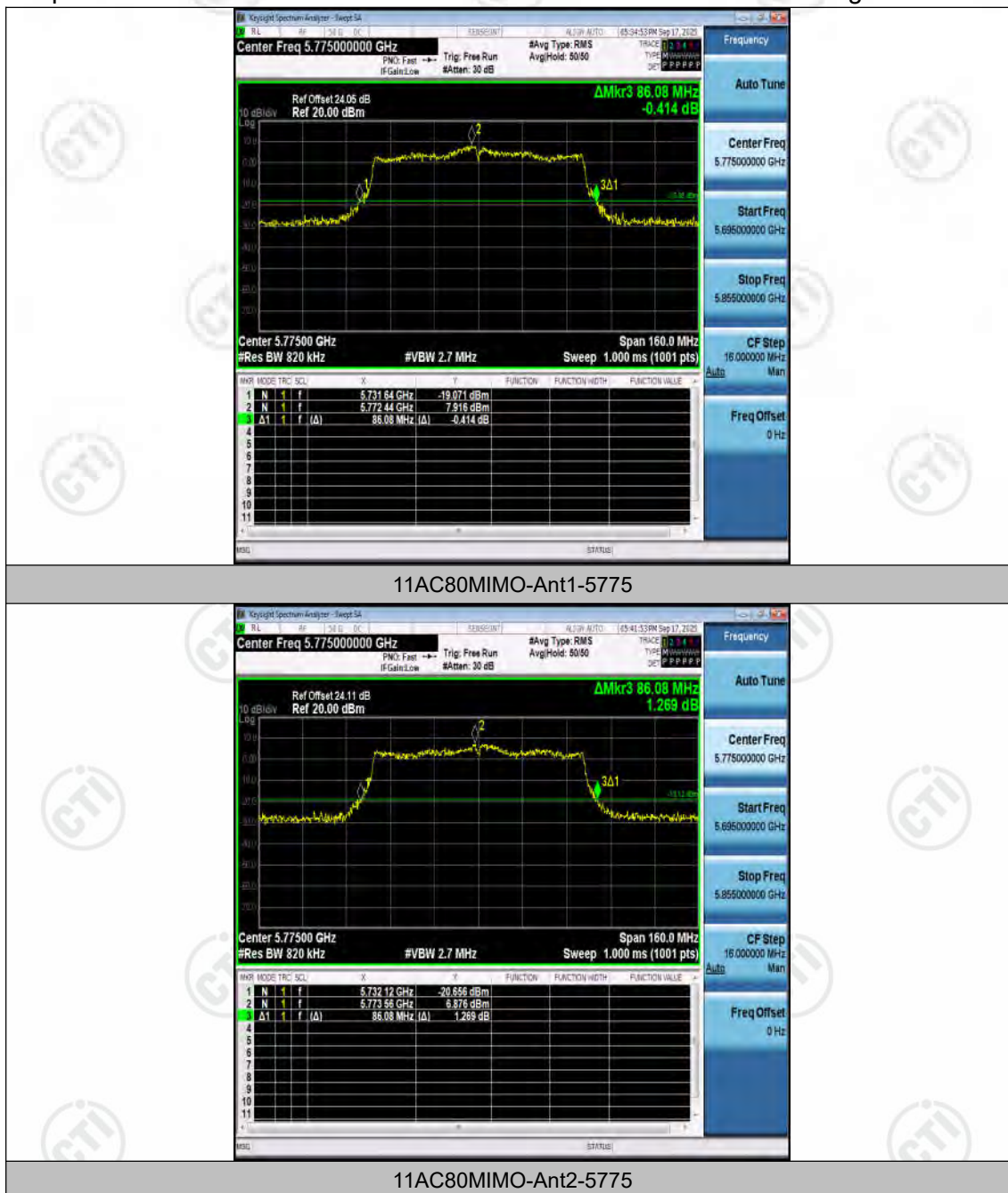


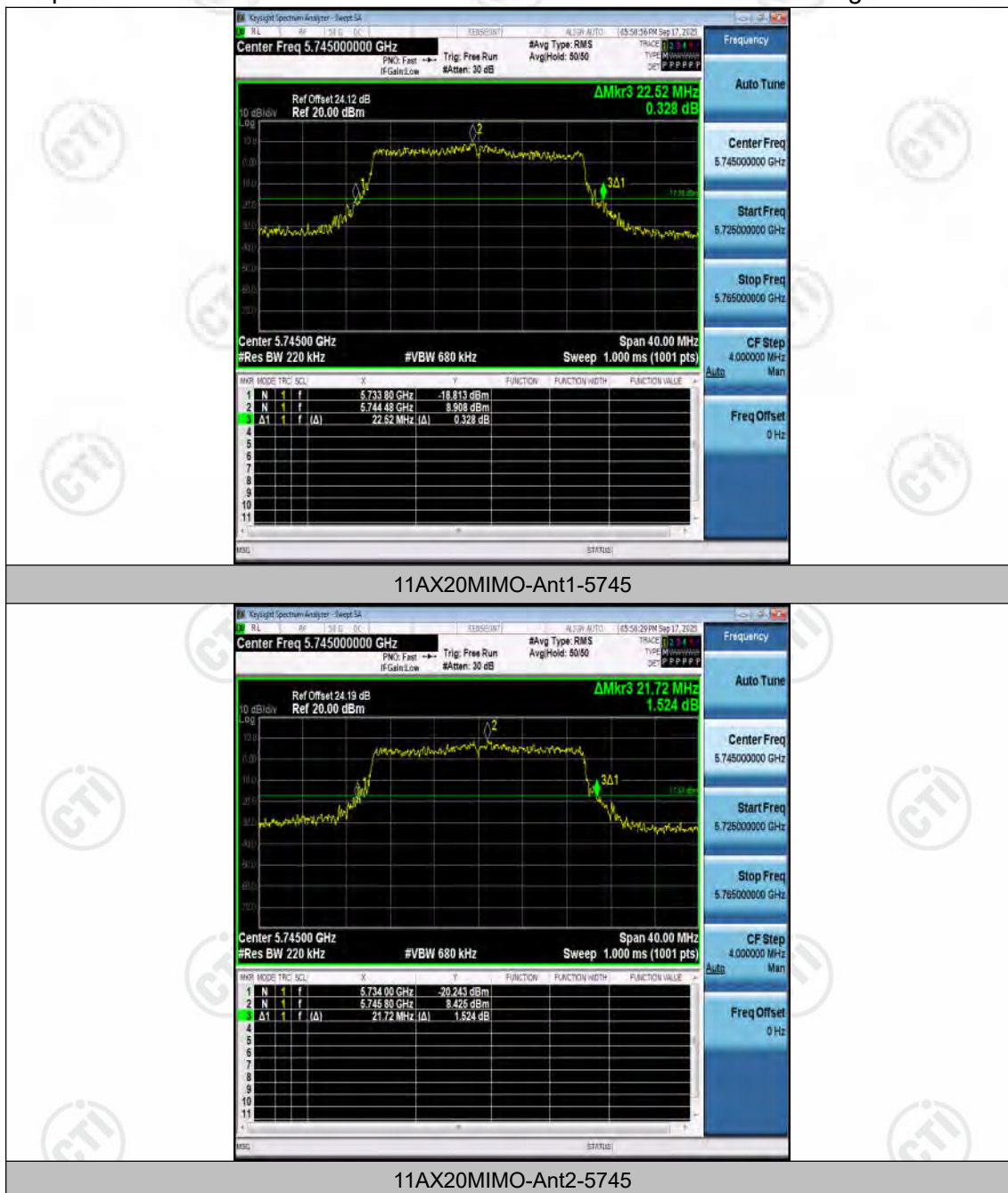


11AC40MIMO-Ant1-5795



11AC40MIMO-Ant2-5795







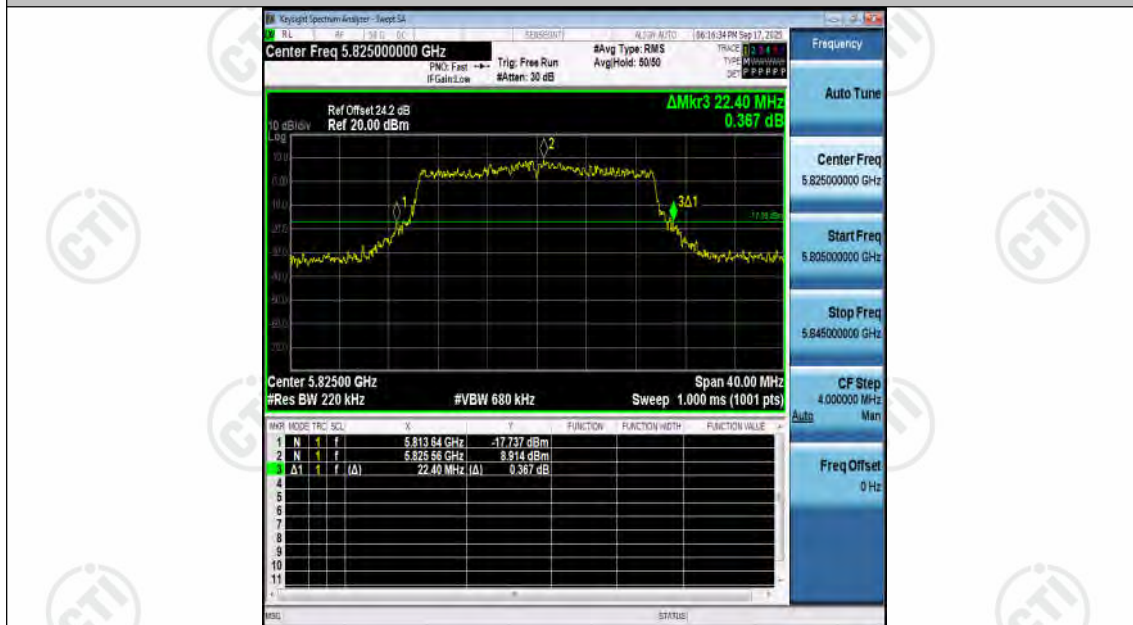
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11AX20MIMO-Ant2-5785

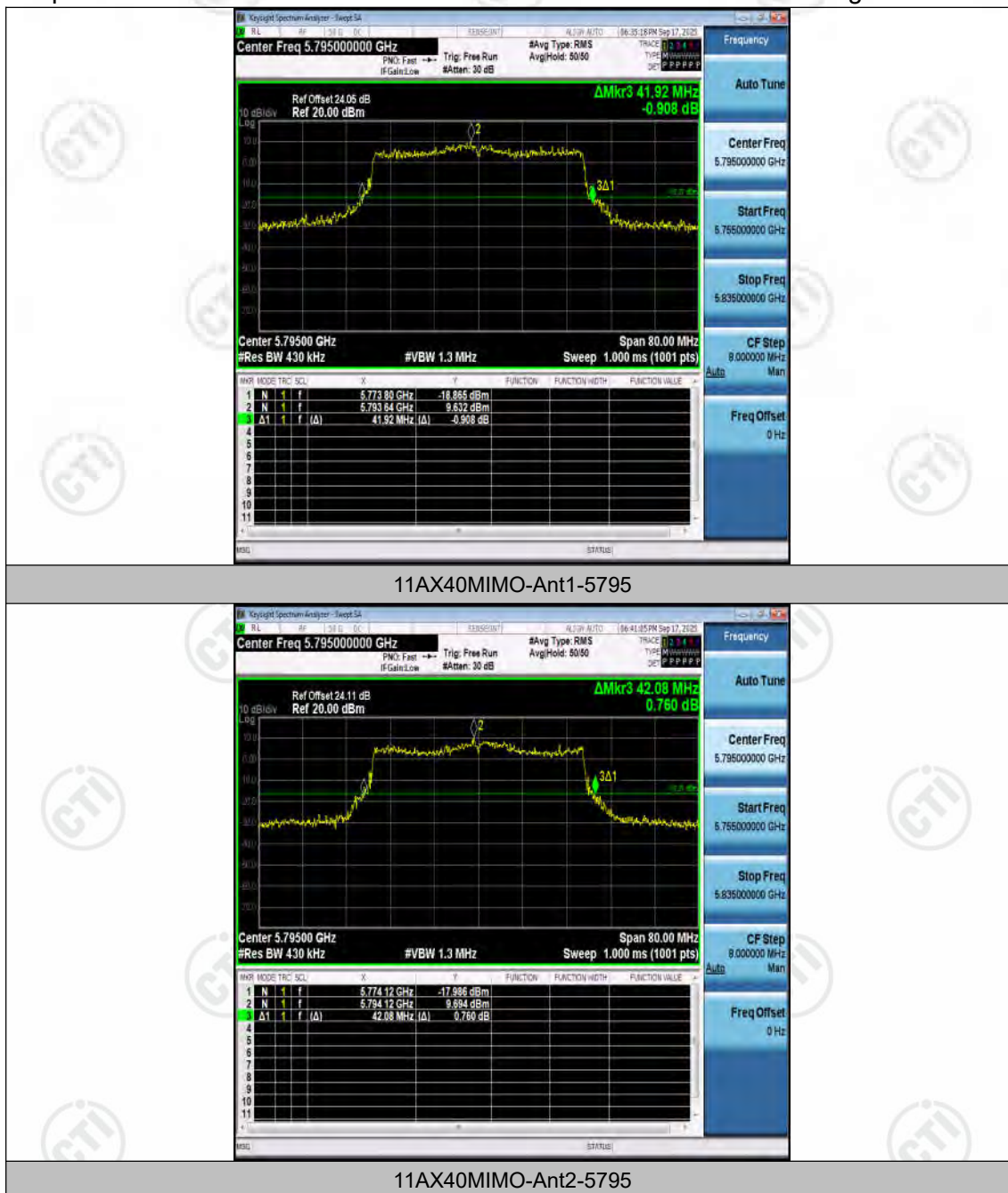


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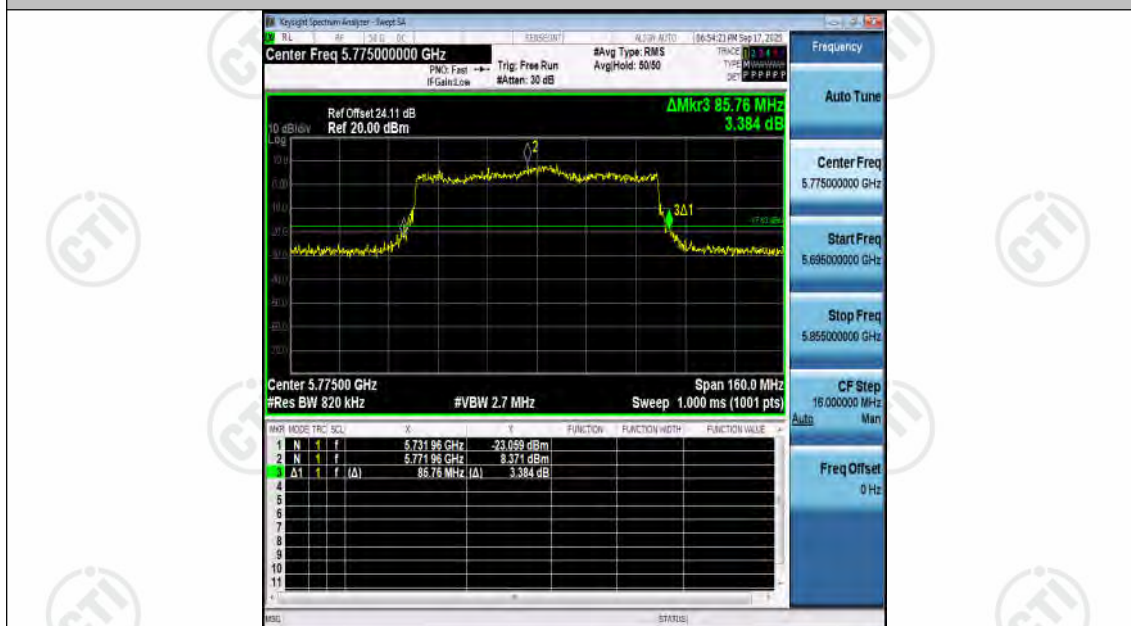
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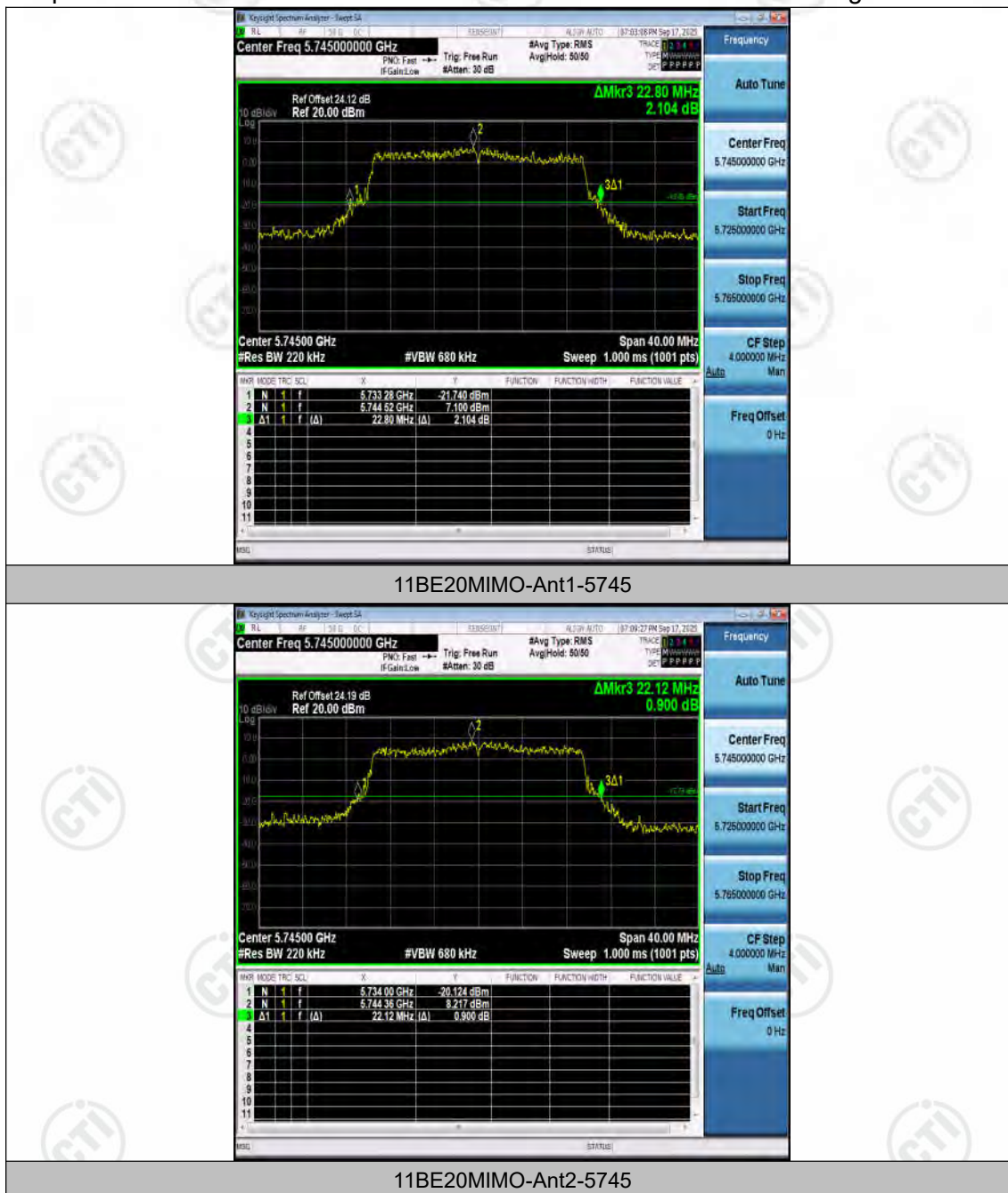




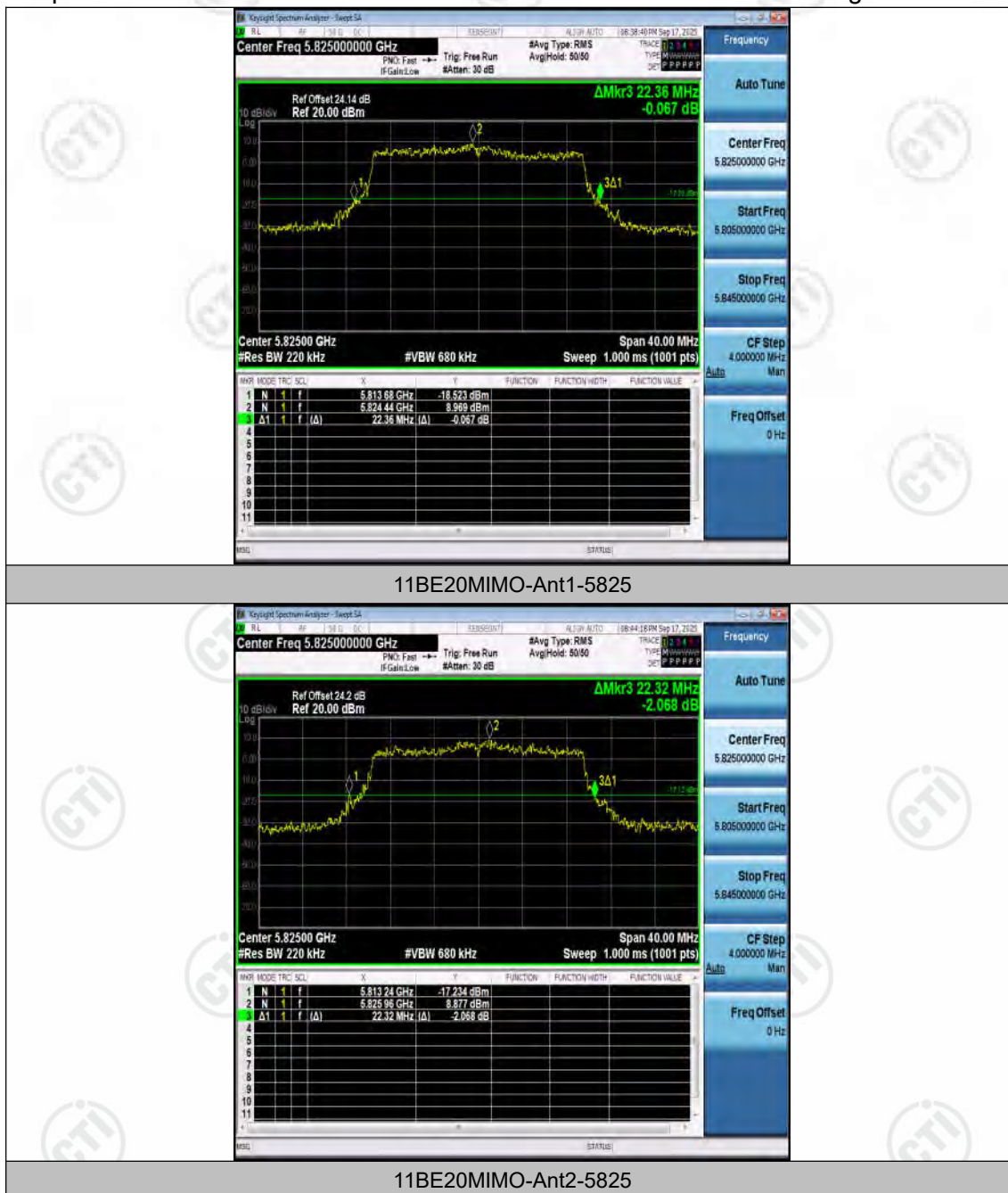
11AX80MIMO-Ant1-5775

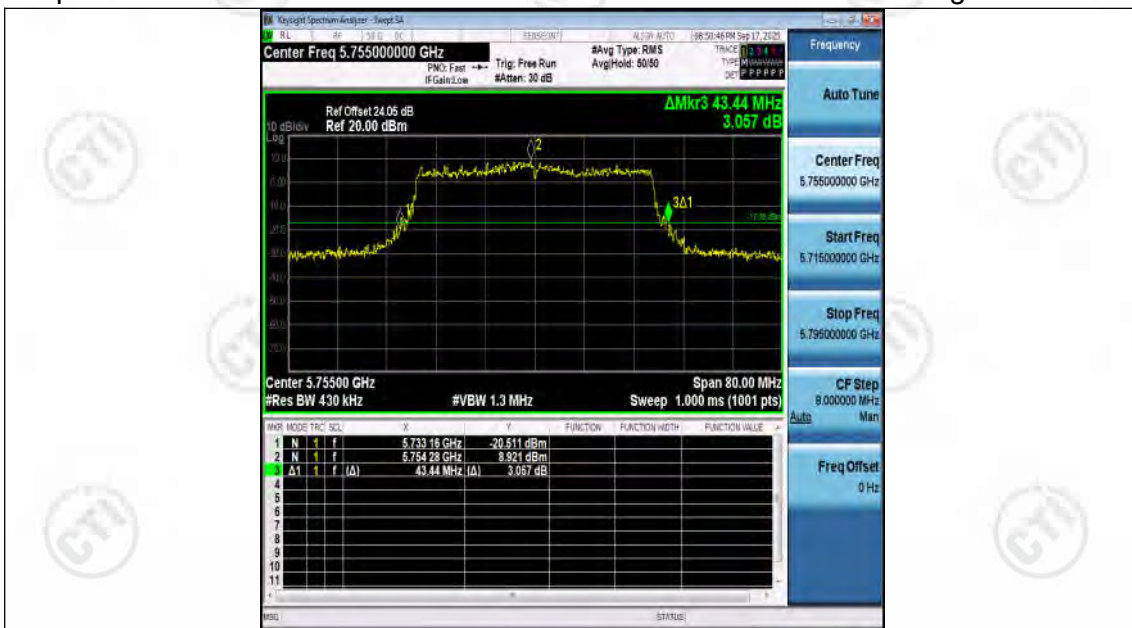


11AX80MIMO-Ant2-5775

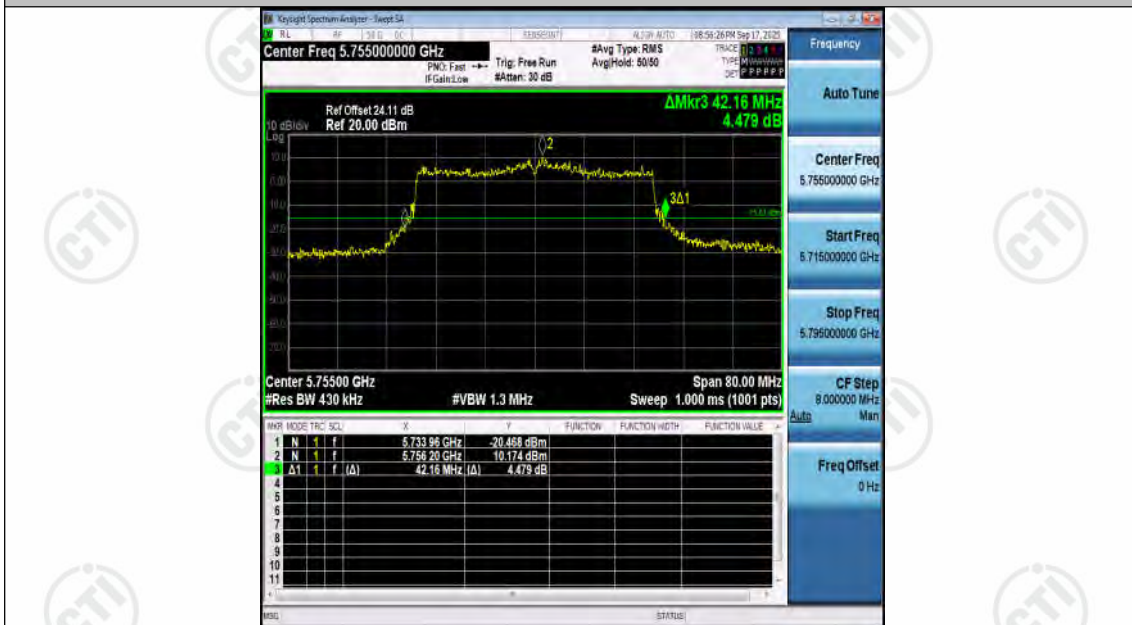




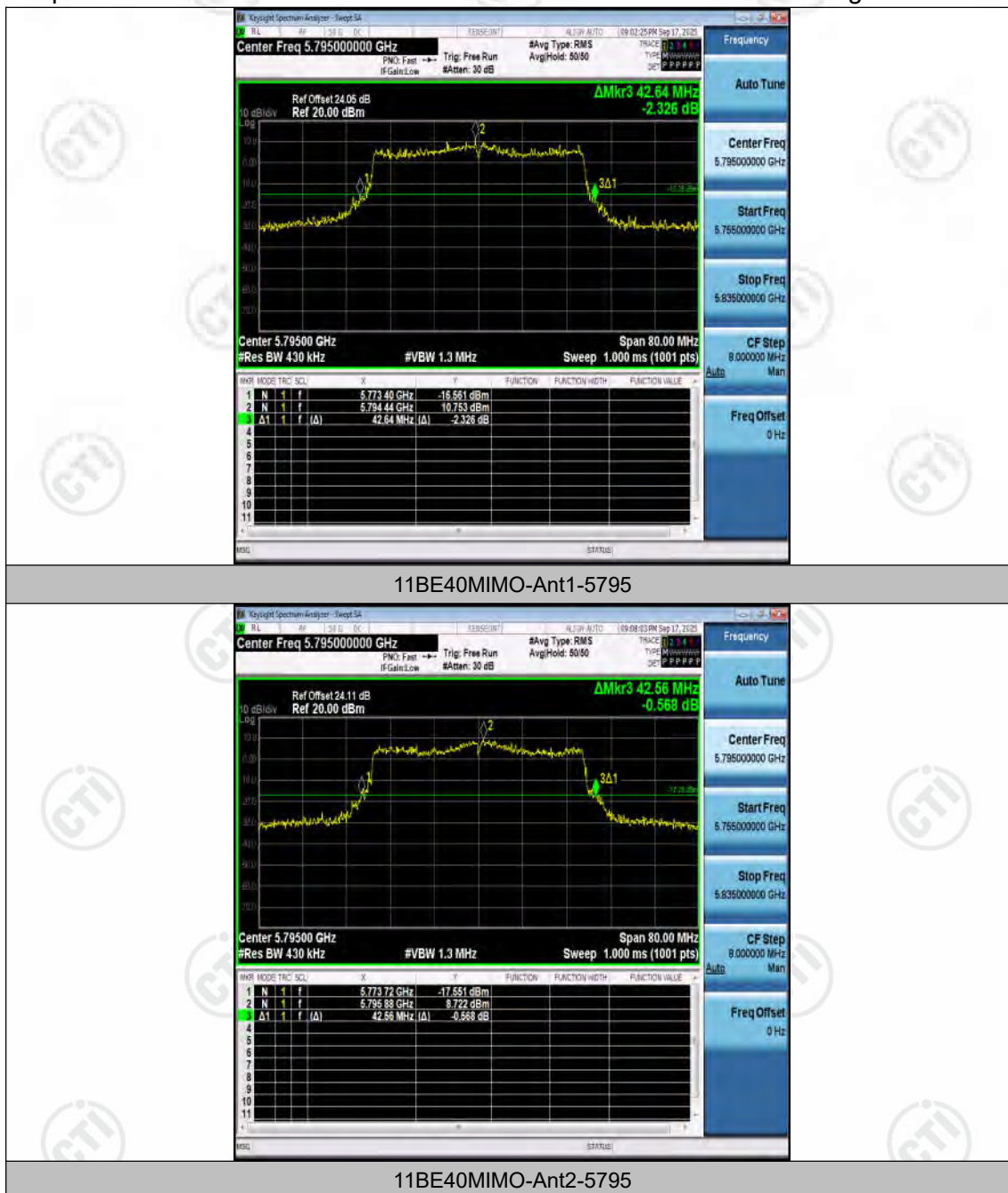


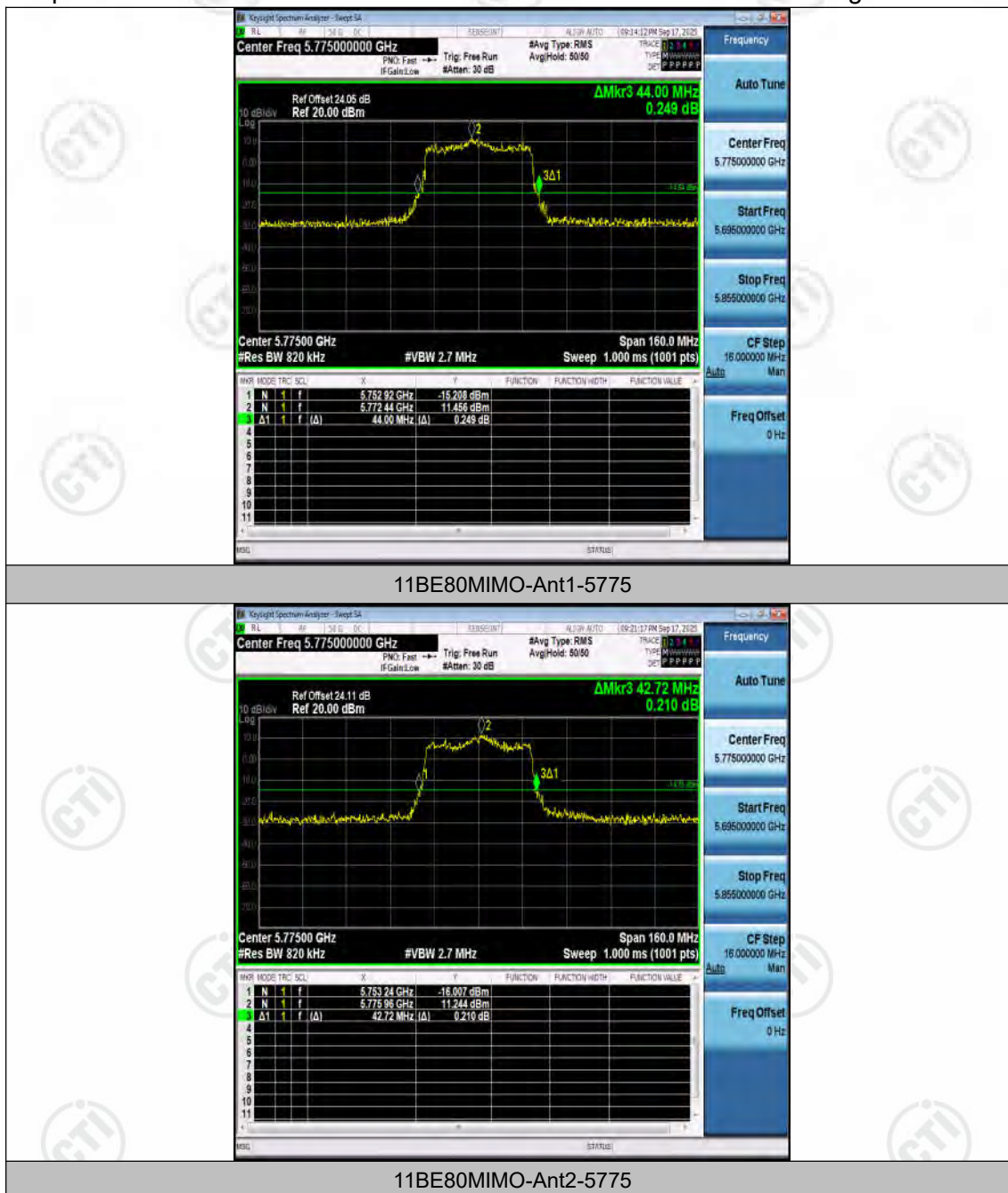


11BE40MIMO-Ant1-5755



11BE40MIMO-Ant2-5755





Appendix A2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	17.173	5736.33 55	5753.50 85	---	---
11A	Ant2	5745	17.115	5736.43 15	5753.54 65	---	---
11A	Ant1	5785	17.255	5776.31 56	5793.57 06	---	---
11A	Ant2	5785	17.134	5776.36 31	5793.49 71	---	---
11A	Ant1	5825	17.205	5816.35 09	5833.55 59	---	---
11A	Ant2	5825	17.151	5816.34 79	5833.49 89	---	---
11N20MI MO	Ant1	5745	18.137	5735.81 37	5753.95 07	---	---
11N20MI MO	Ant2	5745	18.184	5735.92 22	5754.10 62	---	---
11N20MI MO	Ant1	5785	18.125	5775.83 23	5793.95 73	---	---
11N20MI MO	Ant2	5785	18.090	5775.92 14	5794.011 4	---	---
11N20MI MO	Ant1	5825	18.141	5815.85 96	5834.00 06	---	---
11N20MI MO	Ant2	5825	18.041	5815.91 10	5833.95 20	---	---
11N40MI MO	Ant1	5755	36.766	5736.69 68	5773.46 28	---	---
11N40MI MO	Ant2	5755	36.649	5736.64 93	5773.29 83	---	---
11N40MI MO	Ant1	5795	36.715	5776.64 07	5813.35 57	---	---
11N40MI MO	Ant2	5795	36.819	5776.53 52	5813.35 42	---	---
11AC20 MIMO	Ant1	5745	18.154	5735.81 10	5753.96 50	---	---
11AC20 MIMO	Ant2	5745	18.104	5735.91 75	5754.02 15	---	---
11AC20 MIMO	Ant1	5785	18.118	5775.81 66	5793.93 46	---	---

11AC20 MIMO	Ant2	5785	18.066	5775.99 66	5794.06 26	---	---
11AC20 MIMO	Ant1	5825	18.175	5815.77 38	5833.94 88	---	---
11AC20 MIMO	Ant2	5825	18.043	5815.94 29	5833.98 59	---	---
11AC40 MIMO	Ant1	5755	36.835	5736.70 40	5773.53 90	---	---
11AC40 MIMO	Ant2	5755	36.760	5736.59 19	5773.35 19	---	---
11AC40 MIMO	Ant1	5795	36.848	5776.56 19	5813.40 99	---	---
11AC40 MIMO	Ant2	5795	36.739	5776.49 59	5813.23 49	---	---
11AC80 MIMO	Ant1	5775	76.375	5736.85 92	5813.23 42	---	---
11AC80 MIMO	Ant2	5775	76.628	5736.65 13	5813.27 93	---	---
11AX20M IMO	Ant1	5745	19.141	5735.37 59	5754.51 69	---	---
11AX20M IMO	Ant2	5745	19.105	5735.42 70	5754.53 20	---	---
11AX20M IMO	Ant1	5785	19.080	5775.39 39	5794.47 39	---	---
11AX20M IMO	Ant2	5785	19.073	5775.41 87	5794.49 17	---	---
11AX20M IMO	Ant1	5825	19.233	5815.32 12	5834.55 42	---	---
11AX20M IMO	Ant2	5825	19.019	5815.45 15	5834.47 05	---	---
11AX40M IMO	Ant1	5755	38.151	5735.92 44	5774.07 54	---	---
11AX40M IMO	Ant2	5755	38.020	5735.96 41	5773.98 41	---	---
11AX40M IMO	Ant1	5795	38.072	5775.86 68	5813.93 88	---	---
11AX40M IMO	Ant2	5795	38.076	5775.96 06	5814.03 66	---	---
11AX80M IMO	Ant1	5775	77.799	5736.22 75	5814.02 65	---	---
11AX80M IMO	Ant2	5775	77.851	5736.11 63	5813.96 73	---	---
11BE20M	Ant1	5745	19.102	5735.40	5754.50	---	---

IMO				74	94		
11BE20M IMO	Ant2	5745	19.155	5735.38 80	5754.54 30	---	---
11BE20M IMO	Ant1	5785	19.091	5775.38 25	5794.47 35	---	---
11BE20M IMO	Ant2	5785	19.080	5775.40 63	5794.48 63	---	---
11BE20M IMO	Ant1	5825	19.145	5815.36 30	5834.50 80	---	---
11BE20M IMO	Ant2	5825	19.070	5815.42 30	5834.49 30	---	---
11BE40M IMO	Ant1	5755	38.178	5735.85 44	5774.03 24	---	---
11BE40M IMO	Ant2	5755	38.204	5735.89 06	5774.09 46	---	---
11BE40M IMO	Ant1	5795	38.112	5775.90 90	5814.02 10	---	---
11BE40M IMO	Ant2	5795	38.089	5775.88 39	5813.97 29	---	---
11BE80M IMO	Ant1	5775	38.612	5755.74 13	5794.35 33	---	---
11BE80M IMO	Ant2	5775	38.614	5755.74 67	5794.36 07	---	---

Test Graphs

















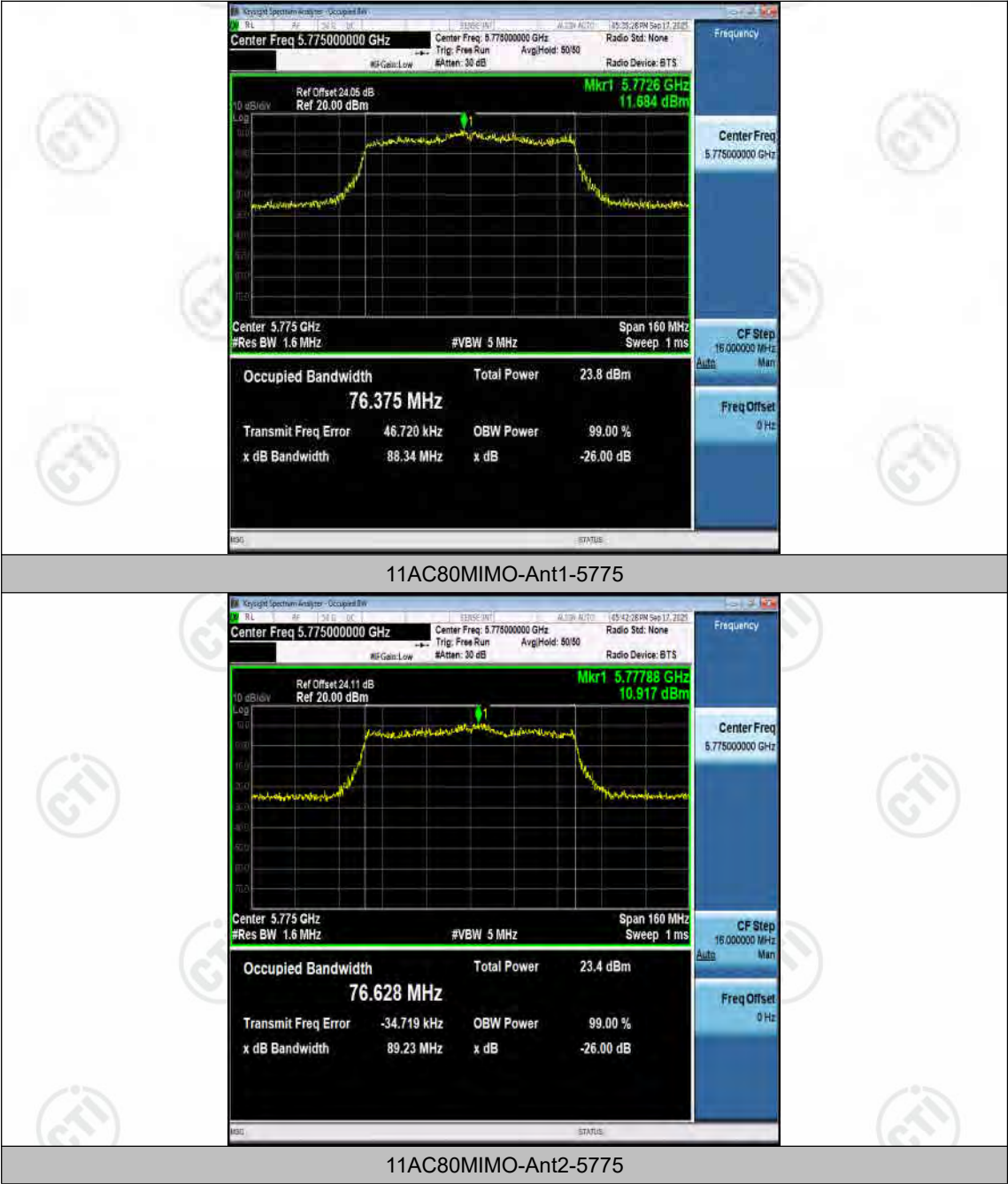












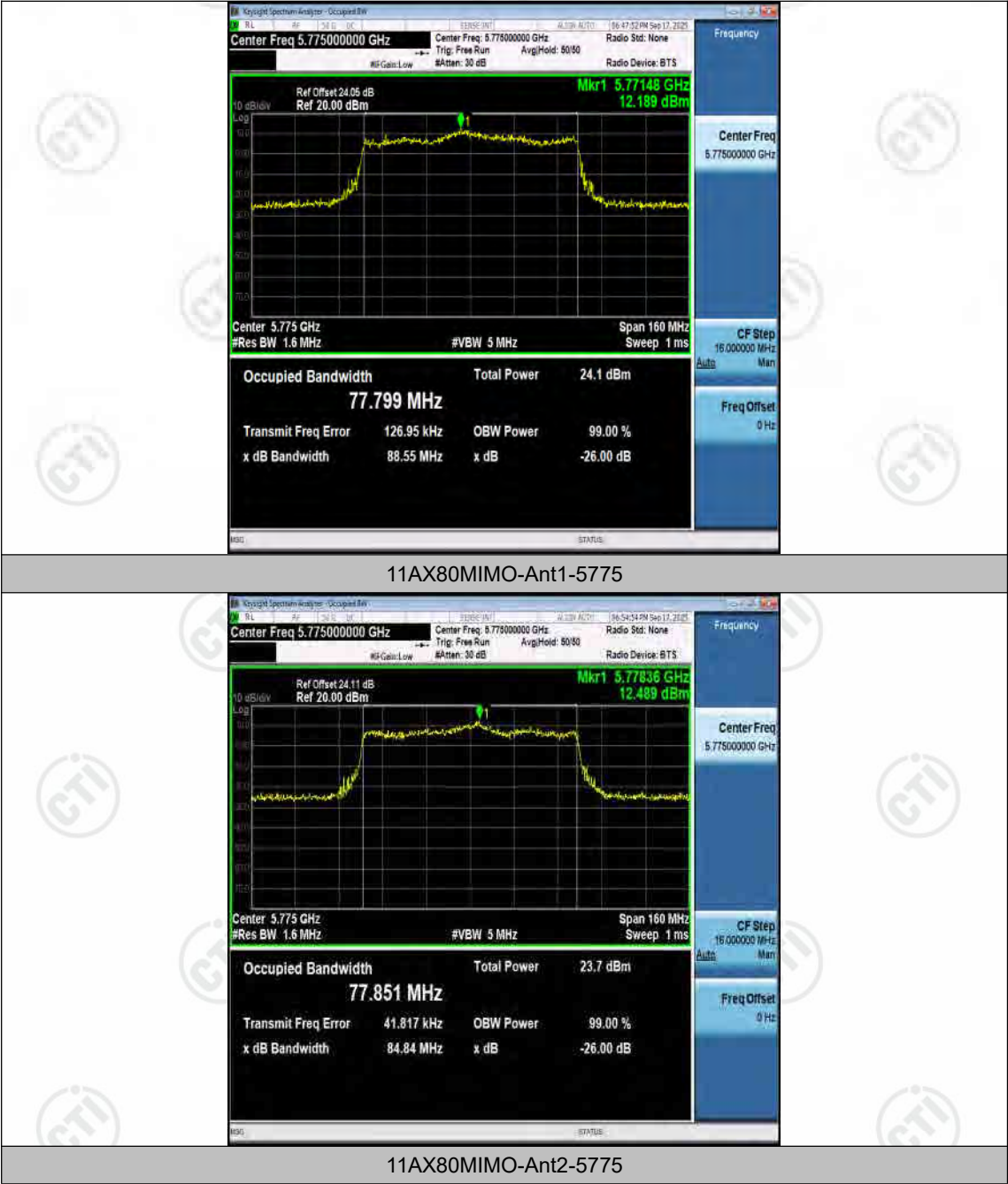












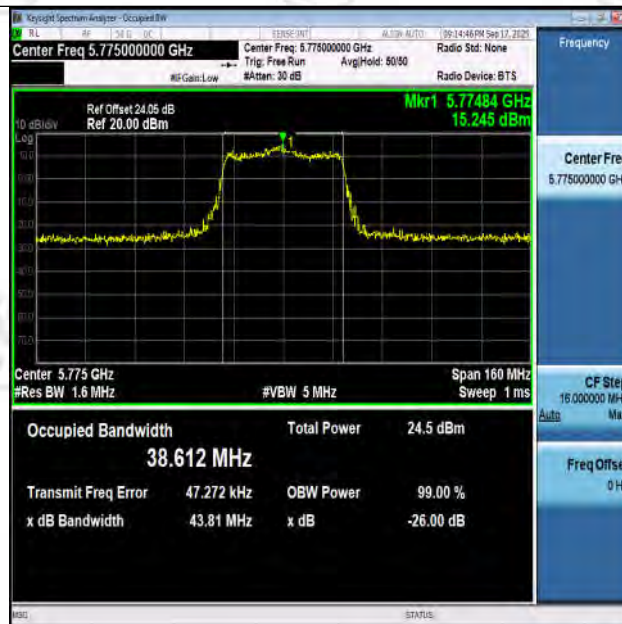




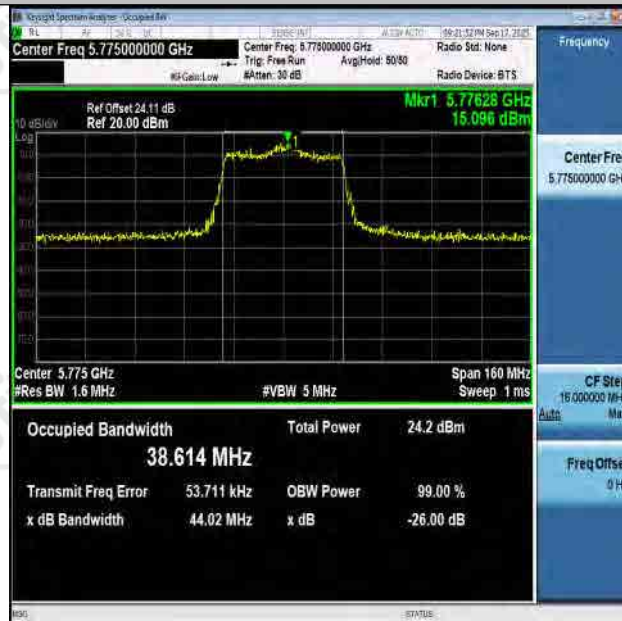








11BE80MIMO-Ant1-5775



11BE80MIMO-Ant2-5775

Appendix A3: Min emission bandwidth

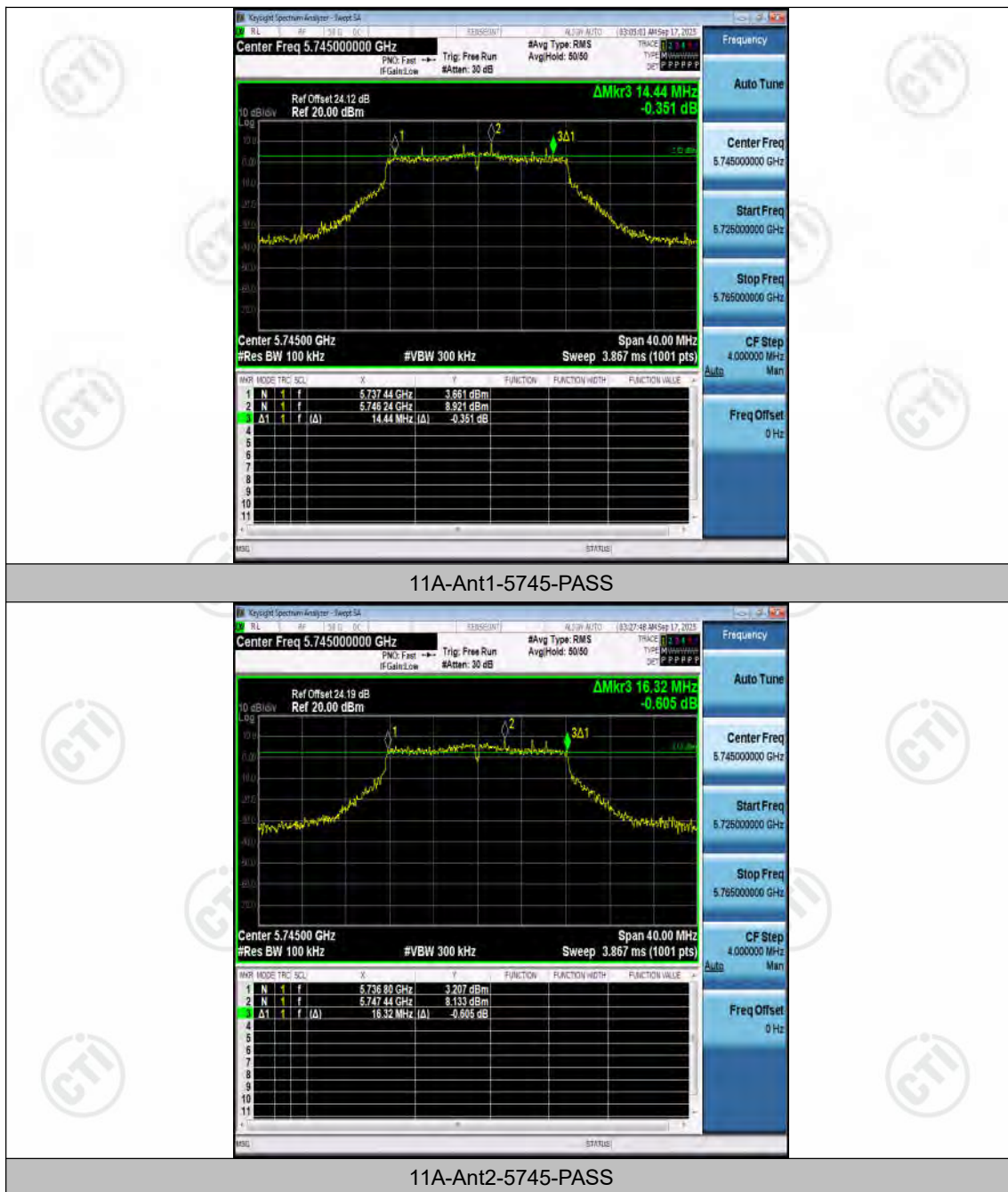
Test Result B4

TestMode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	14.440	5737.440	5751.880	0.5	PASS
11A	Ant2	5745	16.320	5736.800	5753.120	0.5	PASS
11A	Ant1	5785	14.400	5777.480	5791.880	0.5	PASS
11A	Ant2	5785	16.040	5776.800	5792.840	0.5	PASS
11A	Ant1	5825	16.280	5816.800	5833.080	0.5	PASS
11A	Ant2	5825	15.320	5817.160	5832.480	0.5	PASS
11N20MI MO	Ant1	5745	17.600	5736.160	5753.760	0.5	PASS
11N20MI MO	Ant2	5745	17.560	5736.200	5753.760	0.5	PASS
11N20MI MO	Ant1	5785	17.720	5776.040	5793.760	0.5	PASS
11N20MI MO	Ant2	5785	17.560	5776.160	5793.720	0.5	PASS
11N20MI MO	Ant1	5825	17.640	5816.080	5833.720	0.5	PASS
11N20MI MO	Ant2	5825	17.600	5816.160	5833.760	0.5	PASS
11N40MI MO	Ant1	5755	36.320	5736.840	5773.160	0.5	PASS
11N40MI MO	Ant2	5755	36.400	5736.760	5773.160	0.5	PASS
11N40MI MO	Ant1	5795	36.320	5776.760	5813.080	0.5	PASS
11N40MI MO	Ant2	5795	36.400	5776.760	5813.160	0.5	PASS
11AC20 MIMO	Ant1	5745	17.560	5736.160	5753.720	0.5	PASS
11AC20 MIMO	Ant2	5745	15.840	5737.440	5753.280	0.5	PASS
11AC20 MIMO	Ant1	5785	17.560	5776.160	5793.720	0.5	PASS
11AC20 MIMO	Ant2	5785	17.520	5776.200	5793.720	0.5	PASS
11AC20 MIMO	Ant1	5825	10.280	5816.800	5827.080	0.5	PASS
11AC20	Ant2	5825	17.520	5816.200	5833.720	0.5	PASS

MIMO							
11AC40 MIMO	Ant1	5755	36.320	5736.840	5773.160	0.5	PASS
11AC40 MIMO	Ant2	5755	36.400	5736.760	5773.160	0.5	PASS
11AC40 MIMO	Ant1	5795	36.160	5777.000	5813.160	0.5	PASS
11AC40 MIMO	Ant2	5795	35.920	5776.840	5812.760	0.5	PASS
11AC80 MIMO	Ant1	5775	60.320	5750.840	5811.160	0.5	PASS
11AC80 MIMO	Ant2	5775	76.320	5736.760	5813.080	0.5	PASS
11AX20M IMO	Ant1	5745	18.880	5735.480	5754.360	0.5	PASS
11AX20M IMO	Ant2	5745	18.960	5735.480	5754.440	0.5	PASS
11AX20M IMO	Ant1	5785	19.080	5775.400	5794.480	0.5	PASS
11AX20M IMO	Ant2	5785	18.840	5775.520	5794.360	0.5	PASS
11AX20M IMO	Ant1	5825	17.080	5815.720	5832.800	0.5	PASS
11AX20M IMO	Ant2	5825	18.800	5815.640	5834.440	0.5	PASS
11AX40M IMO	Ant1	5755	38.080	5735.880	5773.960	0.5	PASS
11AX40M IMO	Ant2	5755	37.920	5736.040	5773.960	0.5	PASS
11AX40M IMO	Ant1	5795	37.920	5776.040	5813.960	0.5	PASS
11AX40M IMO	Ant2	5795	38.000	5775.960	5813.960	0.5	PASS
11AX80M IMO	Ant1	5775	55.040	5738.680	5793.720	0.5	PASS
11AX80M IMO	Ant2	5775	49.440	5751.160	5800.600	0.5	PASS
11BE20M IMO	Ant1	5745	18.760	5735.640	5754.400	0.5	PASS
11BE20M IMO	Ant2	5745	18.840	5735.480	5754.320	0.5	PASS
11BE20M IMO	Ant1	5785	18.800	5775.480	5794.280	0.5	PASS

11BE20M IMO	Ant2	5785	18.680	5775.680	5794.360	0.5	PASS
11BE20M IMO	Ant1	5825	19.080	5815.360	5834.440	0.5	PASS
11BE20M IMO	Ant2	5825	13.760	5818.080	5831.840	0.5	PASS
11BE40M IMO	Ant1	5755	37.920	5735.880	5773.800	0.5	PASS
11BE40M IMO	Ant2	5755	38.000	5735.960	5773.960	0.5	PASS
11BE40M IMO	Ant1	5795	38.000	5775.960	5813.960	0.5	PASS
11BE40M IMO	Ant2	5795	37.920	5776.040	5813.960	0.5	PASS
11BE80M IMO	Ant1	5775	37.920	5755.960	5793.880	0.5	PASS
11BE80M IMO	Ant2	5775	37.920	5755.960	5793.880	0.5	PASS

Test Graphs B4

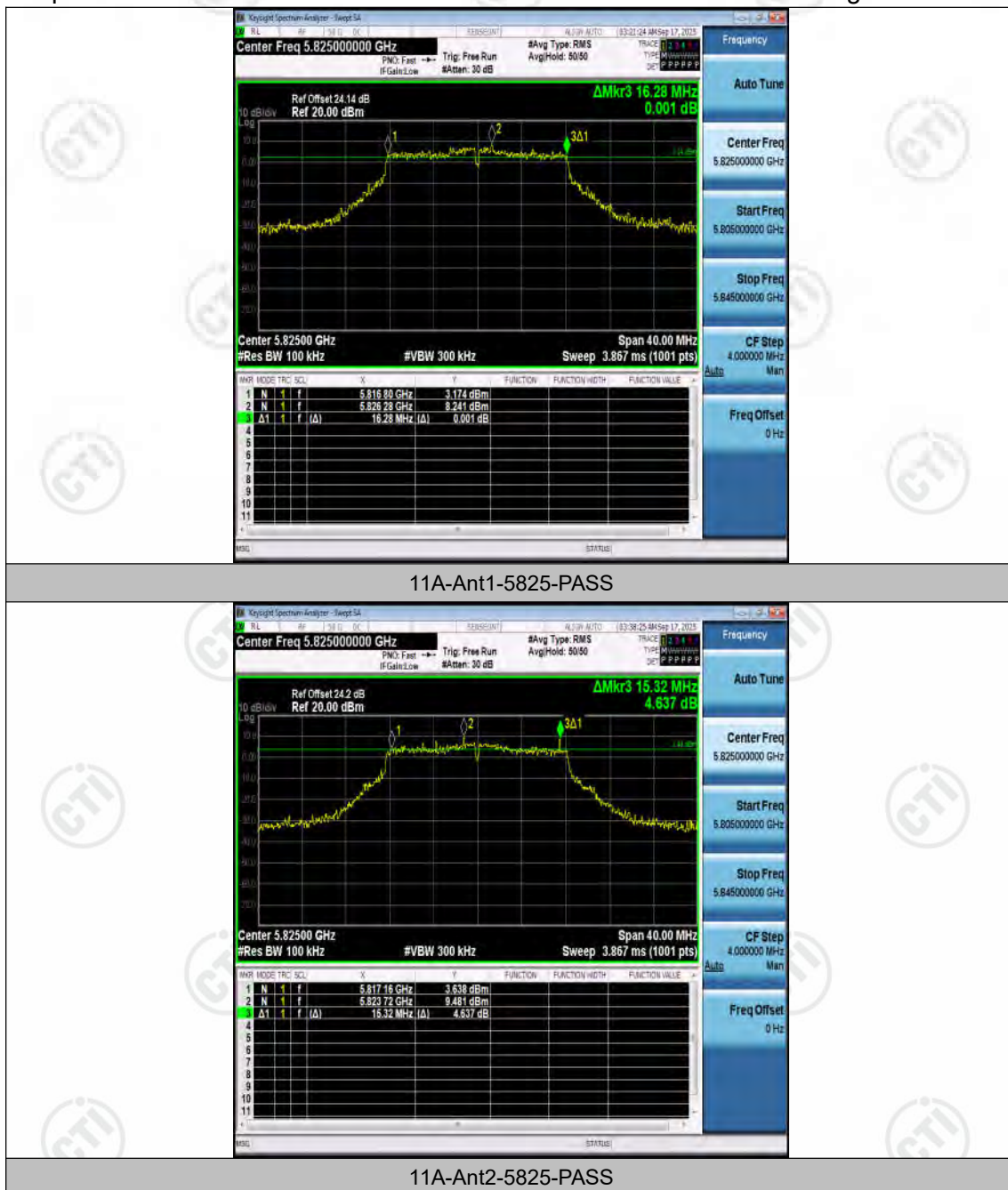


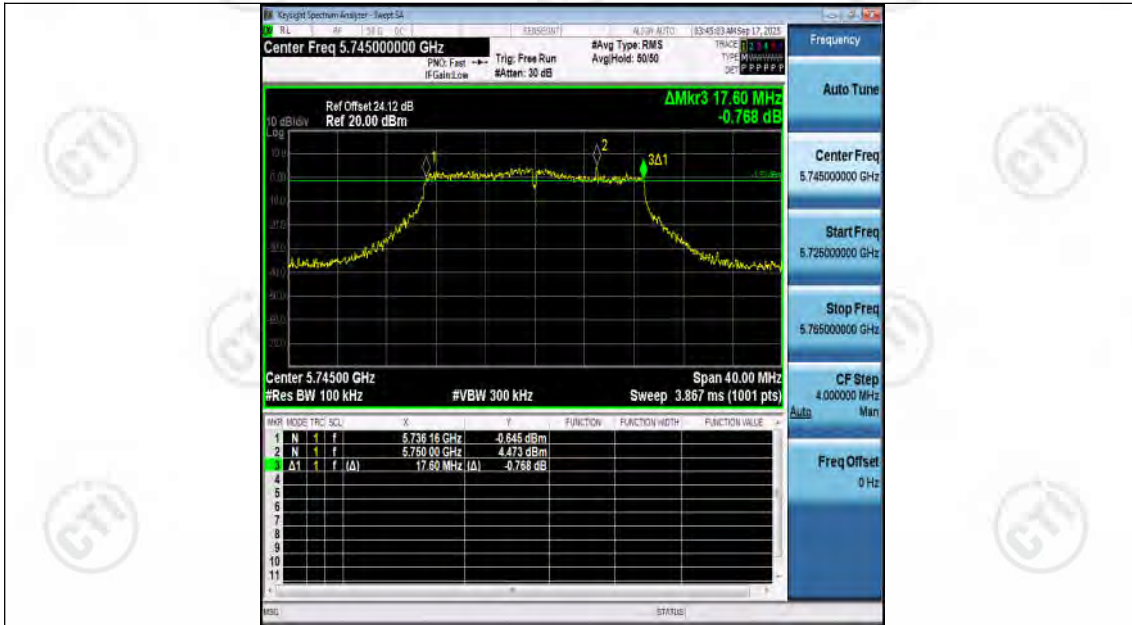


11A-Ant1-5785-PASS

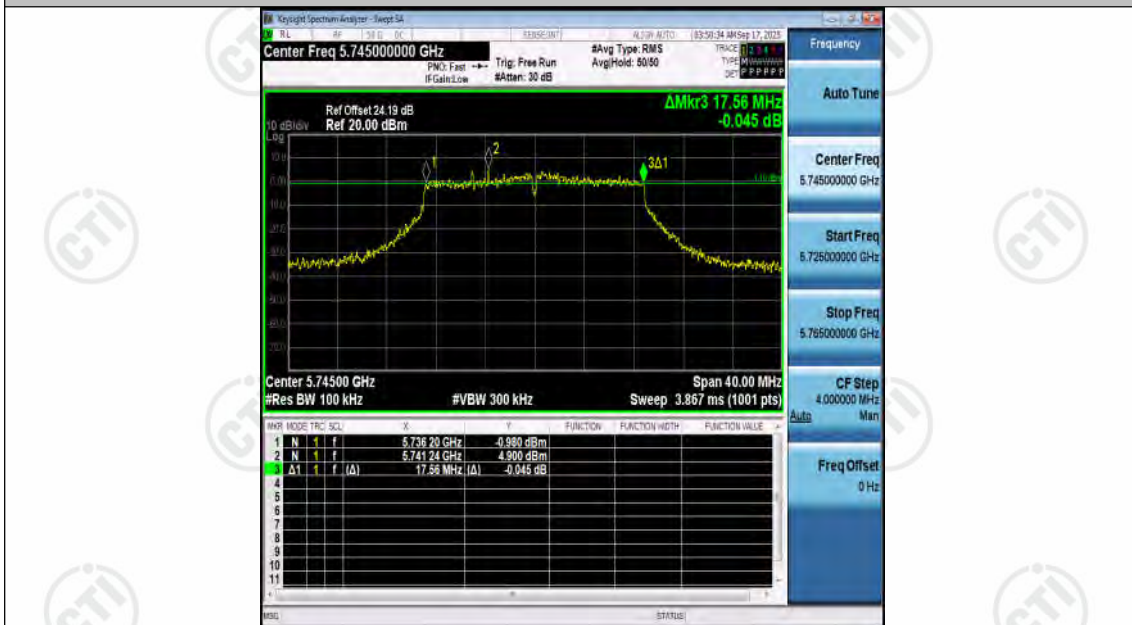


11A-Ant2-5785-PASS

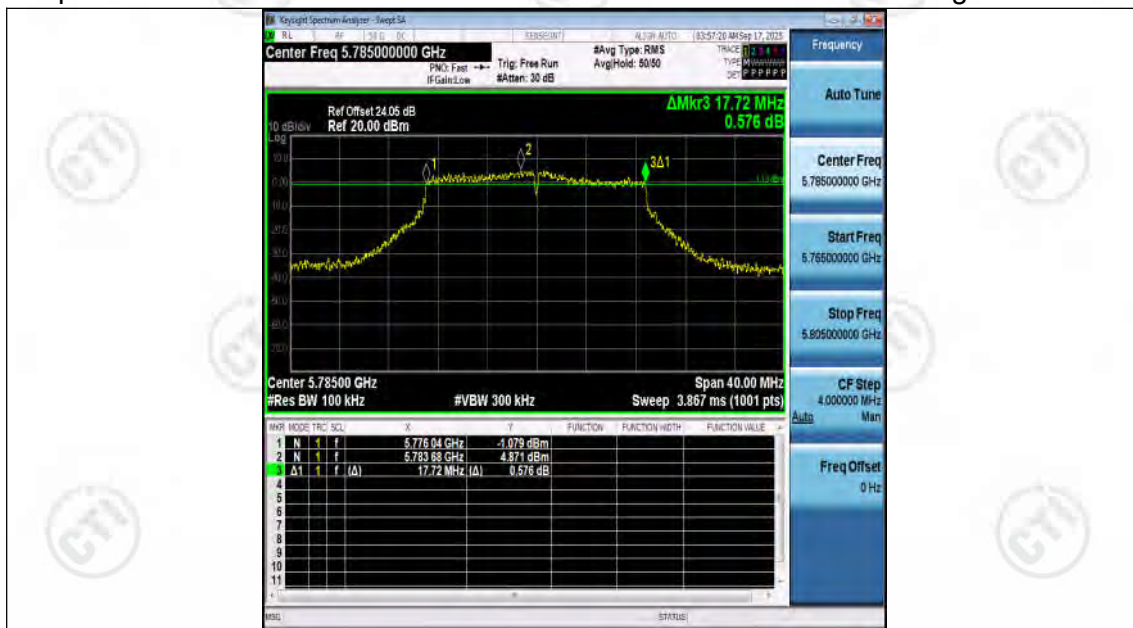




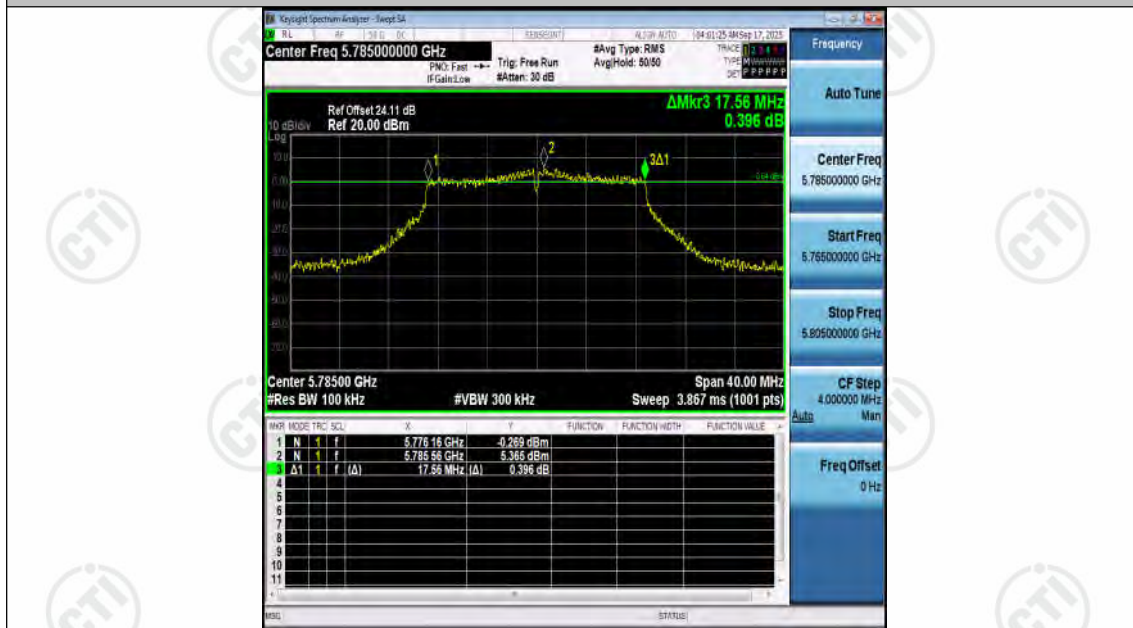
11N20MIMO-Ant1-5745-PASS



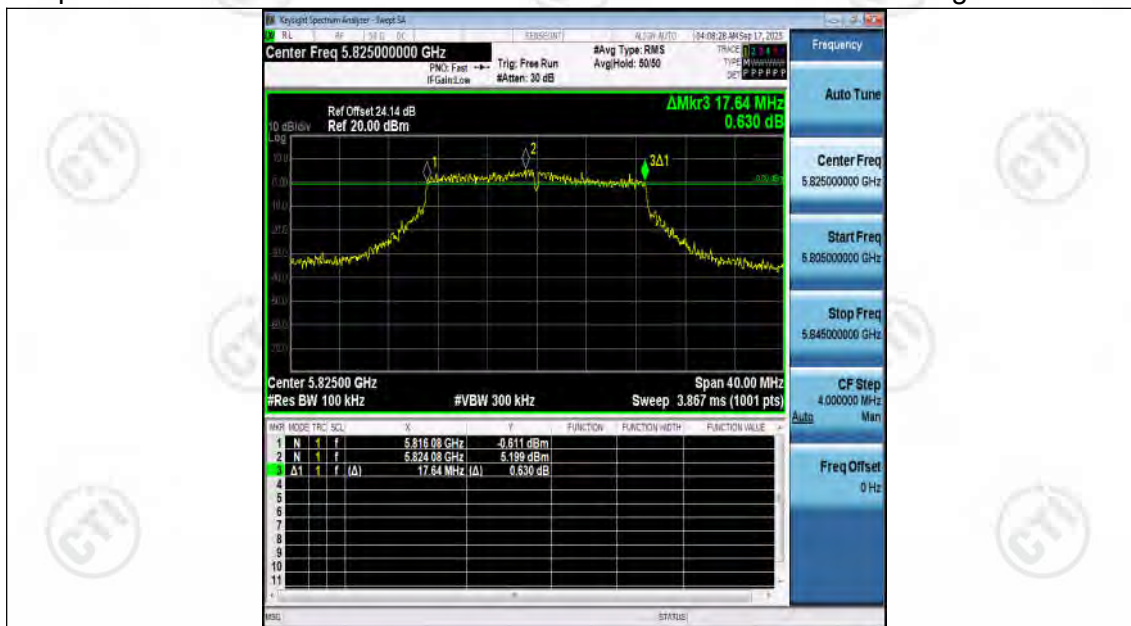
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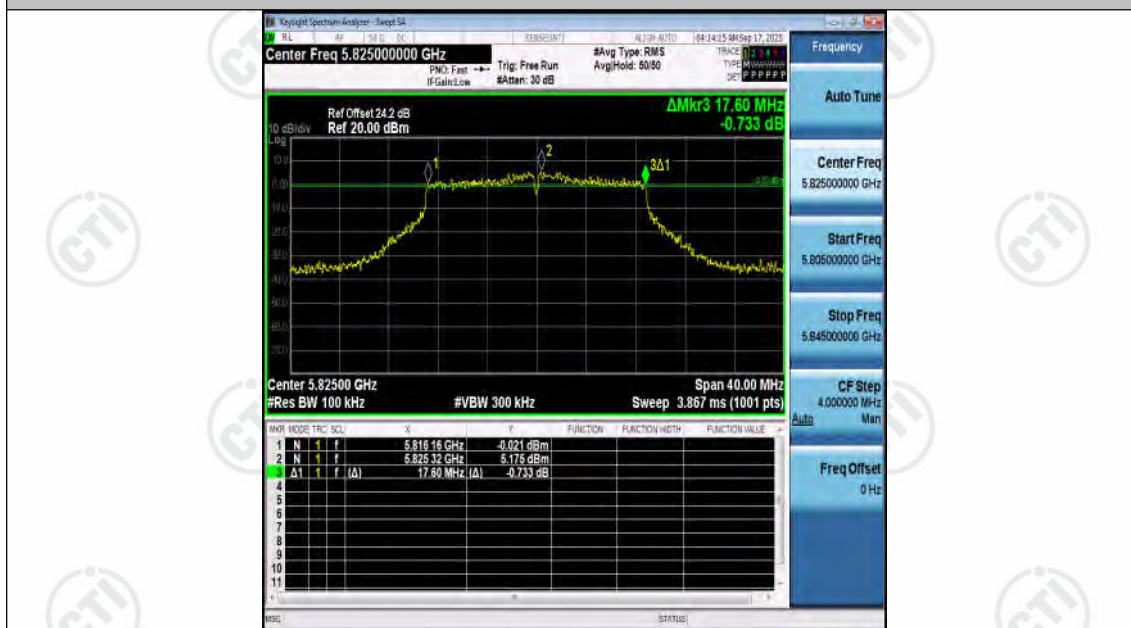
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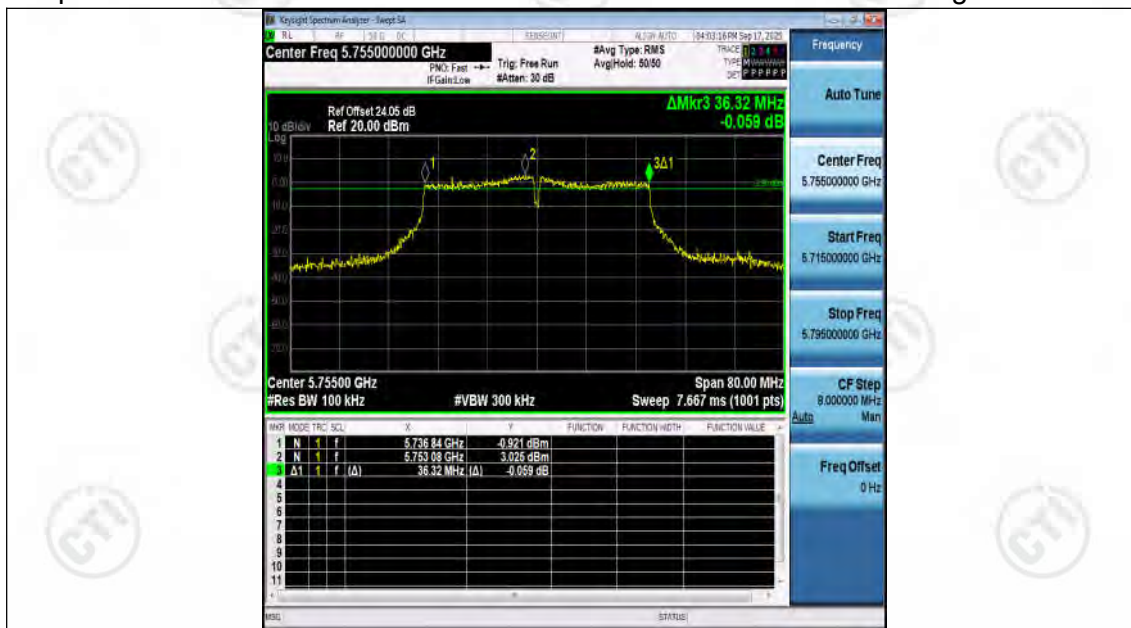
11N20MIMO-Ant2-5785-PASS



11N20MIMO-Ant1-5825-PASS



11N20MIMO-Ant2-5825-PASS



11N40MIMO-Ant1-5755-PASS



11N40MIMO-Ant2-5755-PASS