



BUREAU
VERITAS

Test Report No.: W7L-P24040006RF03



11AC80MIMO_Ant2_5210



11AC80MIMO_Ant1_5290



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11AC80MIMO_Ant2_5290



11AC80MIMO_Ant1_5530



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11AC80MIMO_Ant2_5530



11AC80MIMO_Ant1_5610



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11AC80MIMO_Ant2_5610



11AC80MIMO_Ant1_5775



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11AC80MIMO_Ant2_5775



11AC160MIMO_Ant1_5250_UNII-1



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11AC160MIMO_Ant2_5250_UNII-1



11AC160MIMO_Ant1_5250_UNII-2A



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11AC160MIMO_Ant2_5250_UNII-2A



11AC160MIMO_Ant1_5570



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11AC160MIMO_Ant2_5570

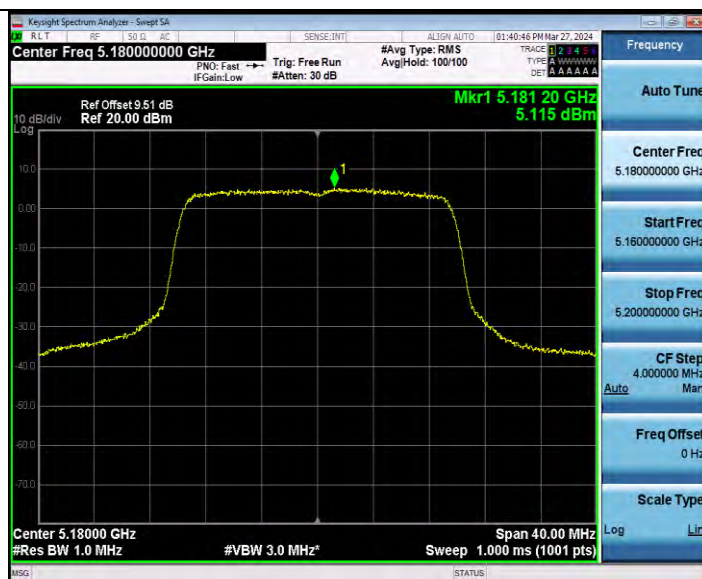


11AX20MIMO_Ant1_5180



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11AX20MIMO_Ant2_5180

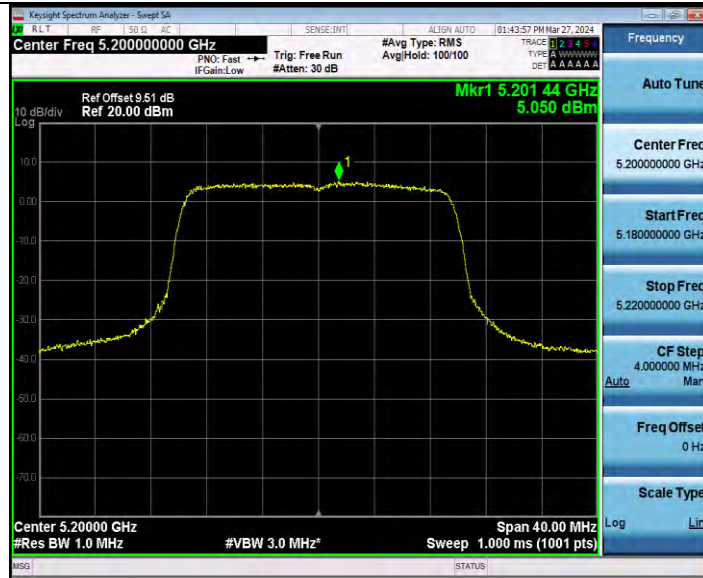


11AX20MIMO_Ant1_5200



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11AX20MIMO_Ant2_5200

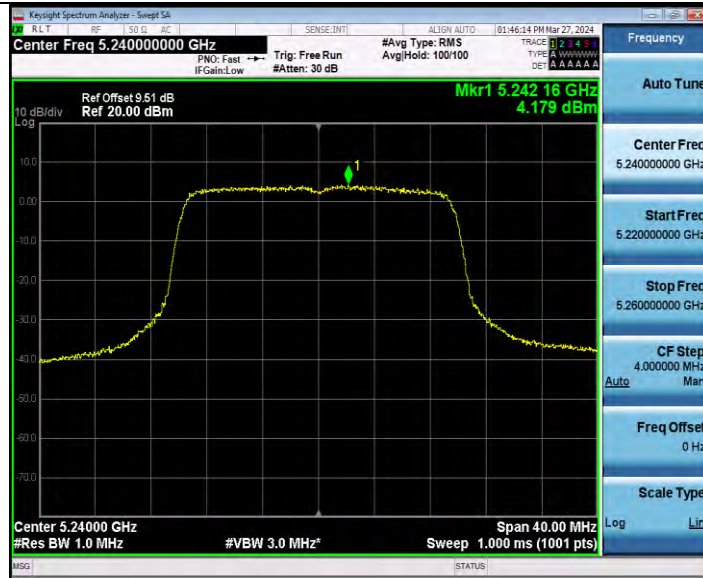


11AX20MIMO_Ant1_5240



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Test Report No.: W7L-P24040006RF03



11AX20MIMO_Ant2_5240

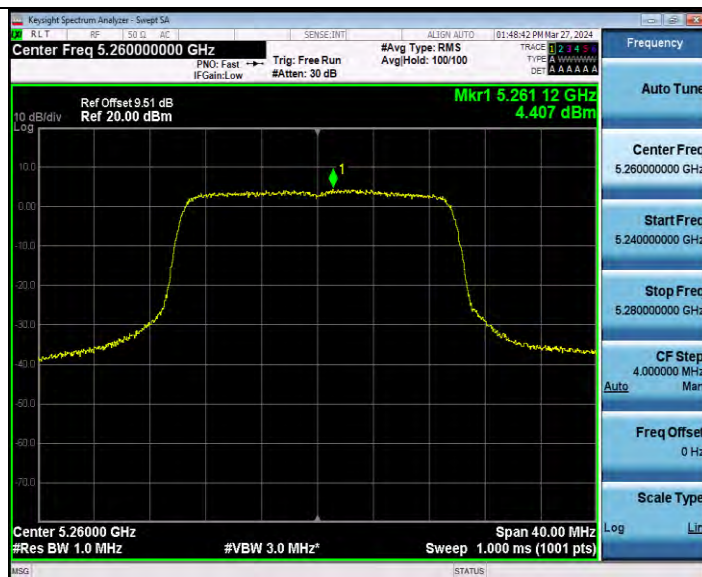


11AX20MIMO_Ant1_5260



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11AX20MIMO_Ant2_5260



11AX20MIMO_Ant1_5300



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Test Report No.: W7L-P24040006RF03



11AX20MIMO_Ant2_5300



11AX20MIMO_Ant1_5320

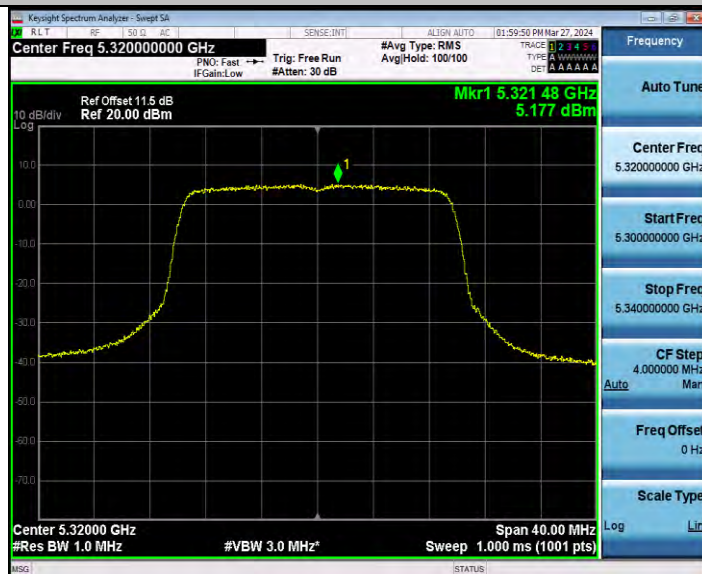


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11AX20MIMO_Ant2_5320



11AX20MIMO_Ant1_5500



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11AX20MIMO_Ant2_5500



11AX20MIMO_Ant1_5580

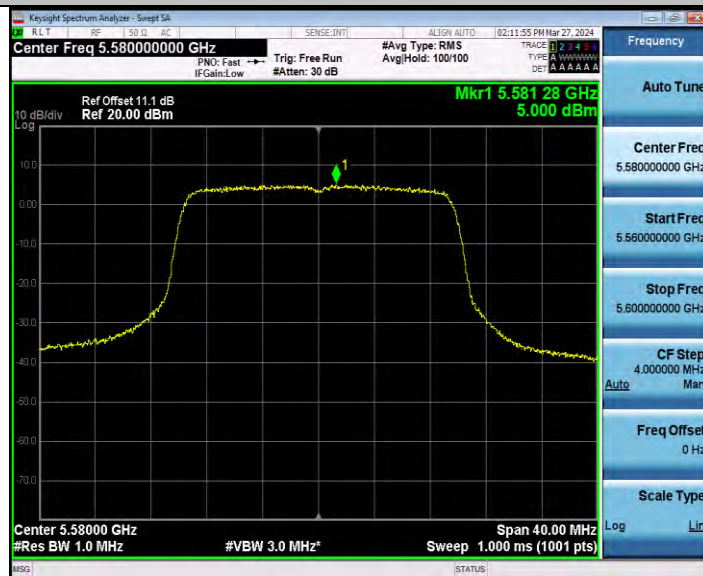


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11AX20MIMO_Ant2_5580



11AX20MIMO_Ant1_5700

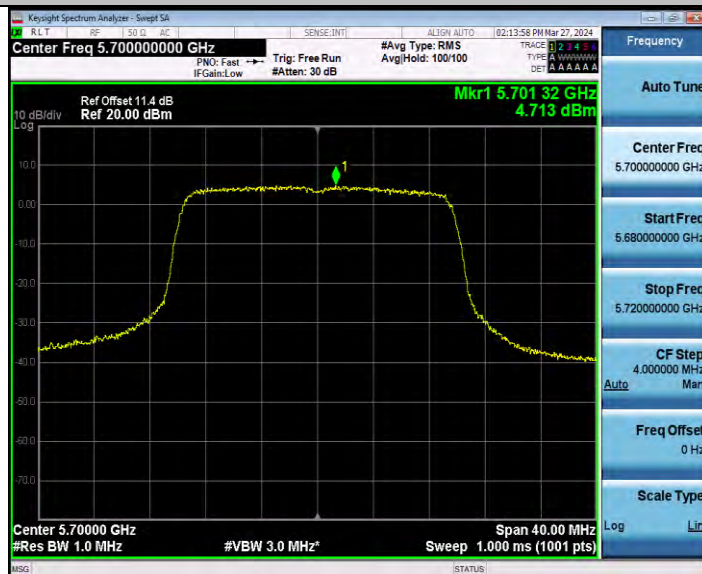


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11AX20MIMO_Ant2_5700

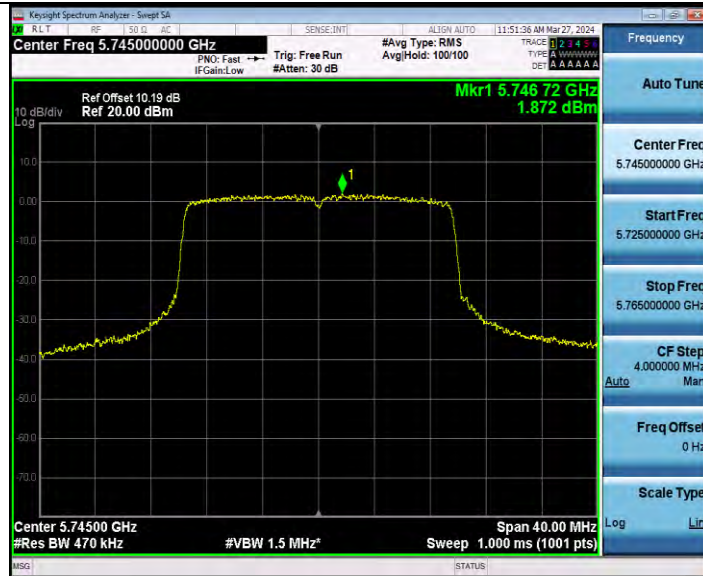


11AX20MIMO_Ant1_5745



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11AX20MIMO_Ant2_5745

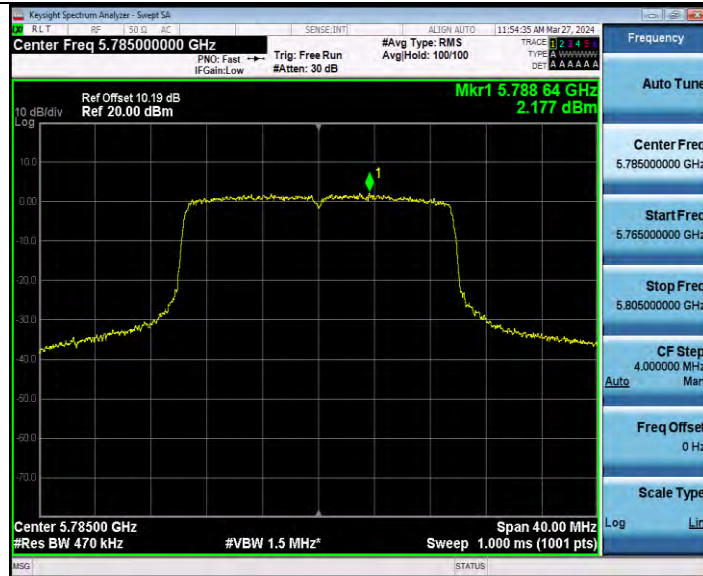


11AX20MIMO_Ant1_5785



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11AX20MIMO_Ant2_5785

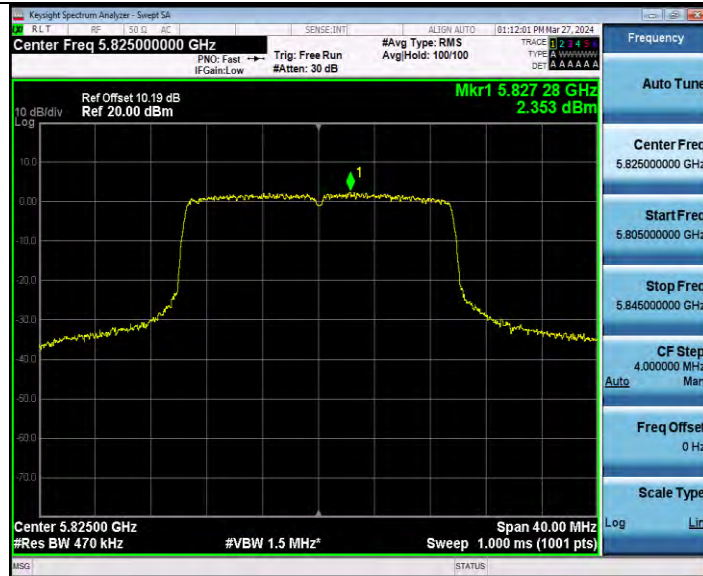


11AX20MIMO_Ant1_5825



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11AX20MIMO_Ant2_5825



11AX40MIMO_Ant1_5190



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11AX40MIMO_Ant2_5190

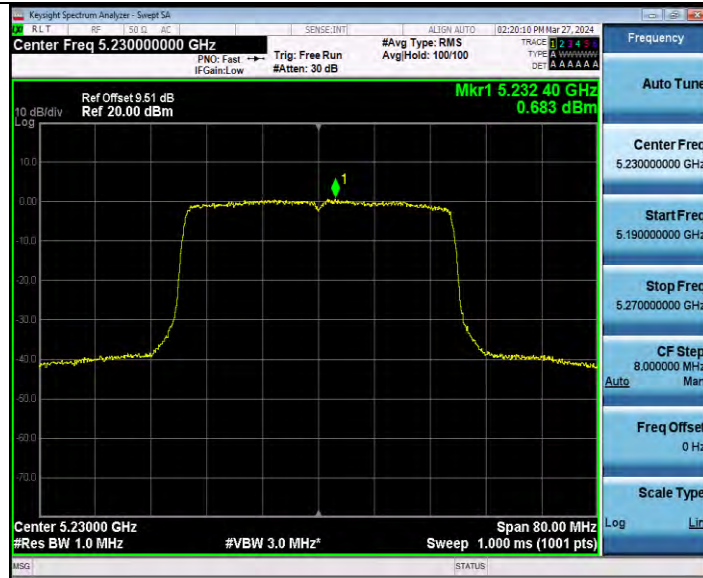


11AX40MIMO_Ant1_5230

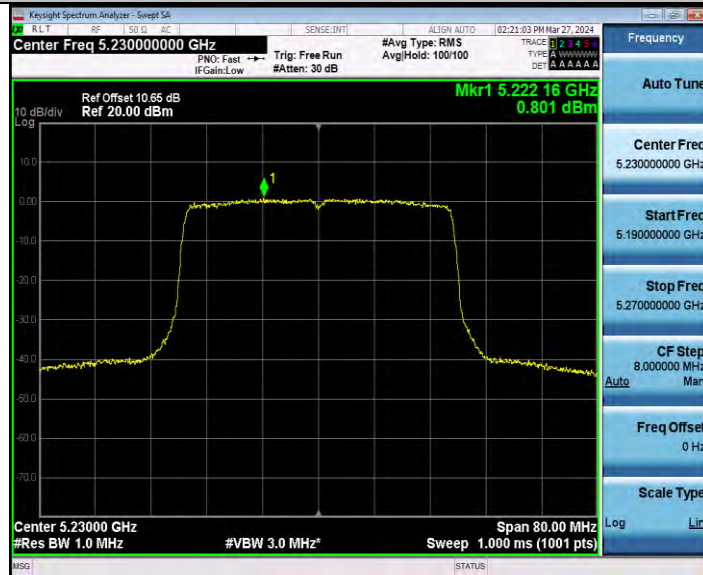


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11AX40MIMO_Ant2_5230

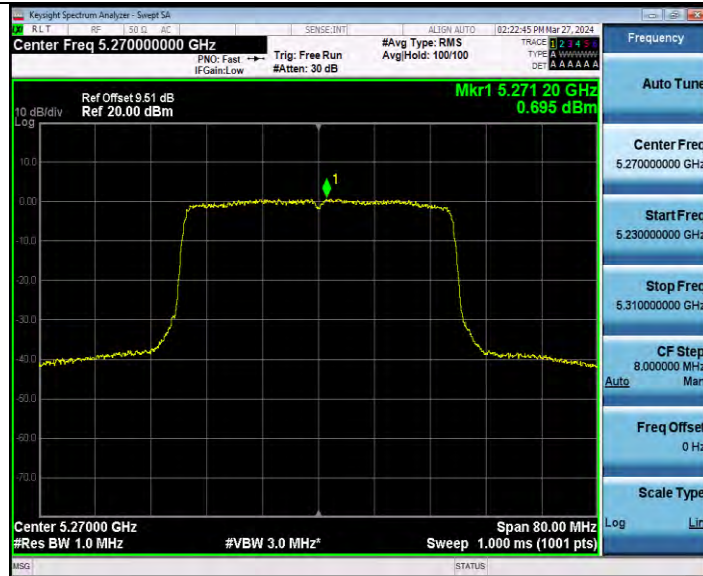


11AX40MIMO_Ant1_5270



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11AX40MIMO_Ant2_5270



11AX40MIMO_Ant1_5310

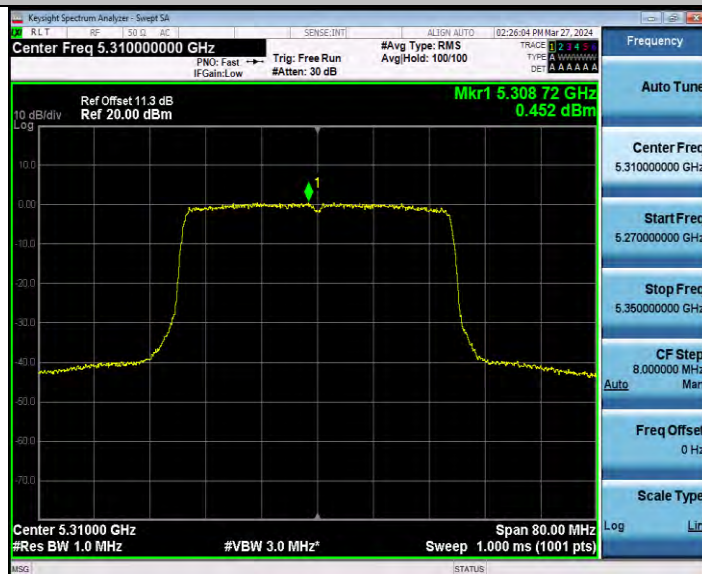


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11AX40MIMO_Ant2_5310



11AX40MIMO_Ant1_5510

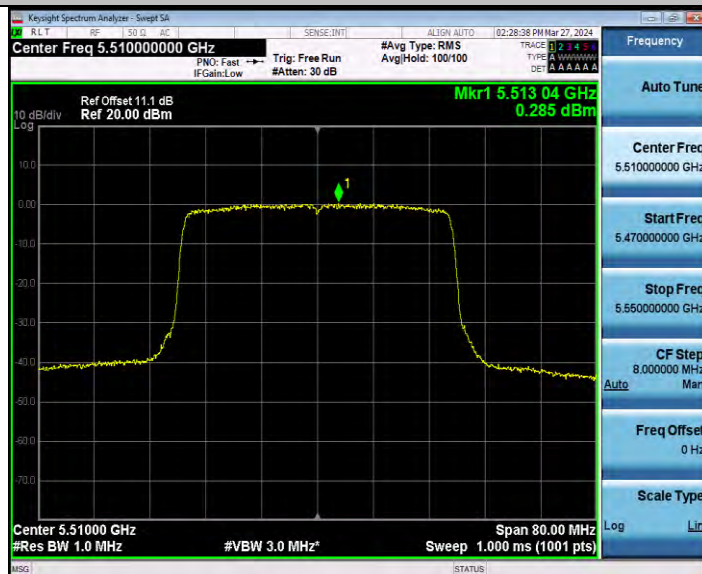


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11AX40MIMO_Ant2_5510

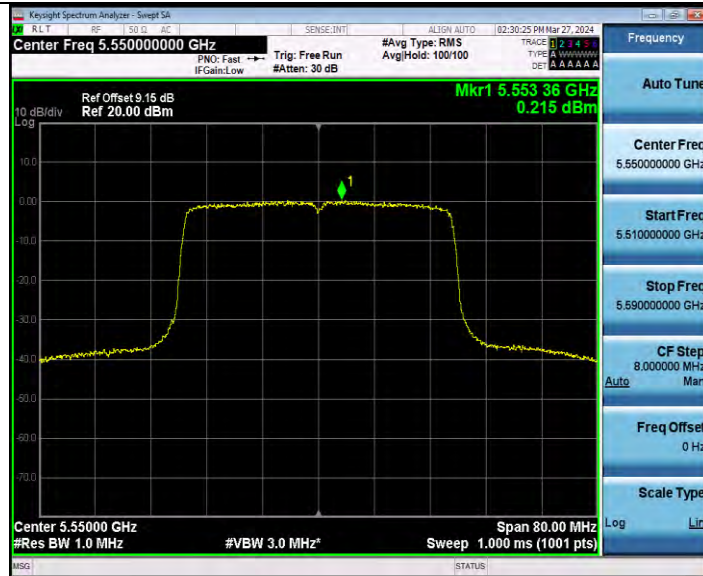


11AX40MIMO_Ant1_5550

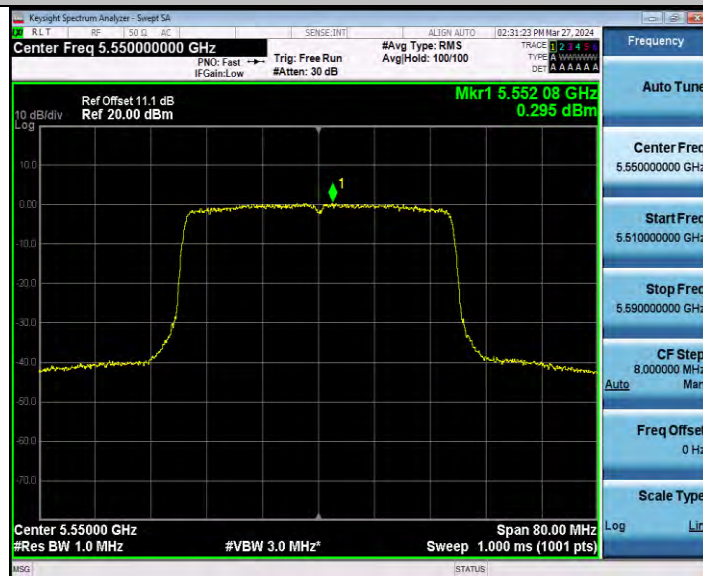


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11AX40MIMO_Ant2_5550

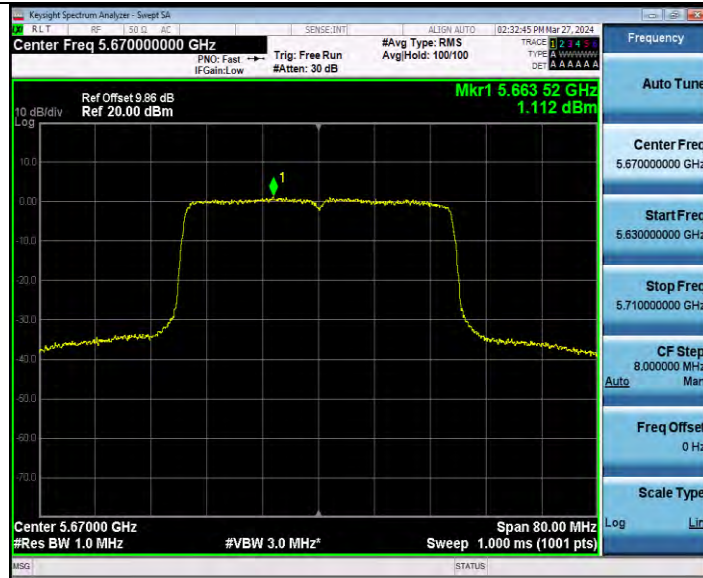


11AX40MIMO_Ant1_5670

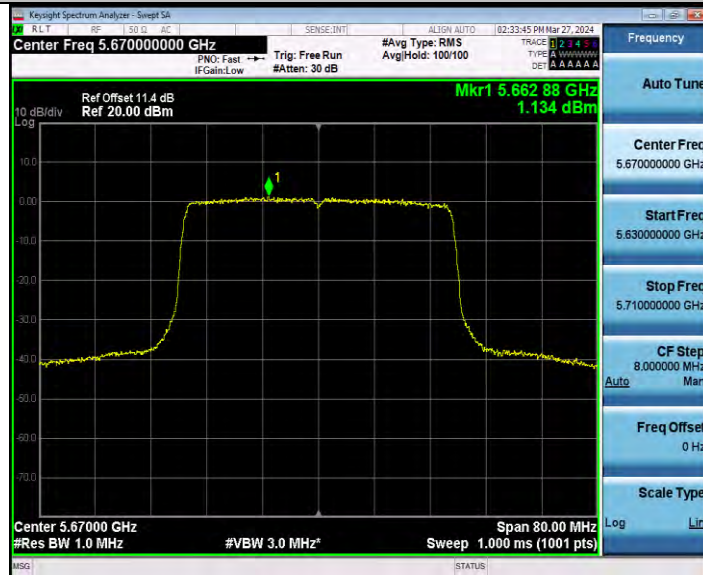


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11AX40MIMO_Ant2_5670

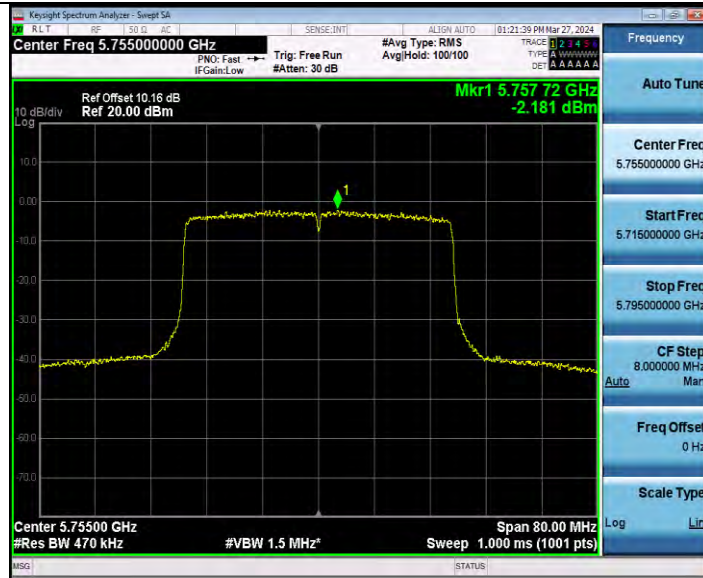


11AX40MIMO_Ant1_5755

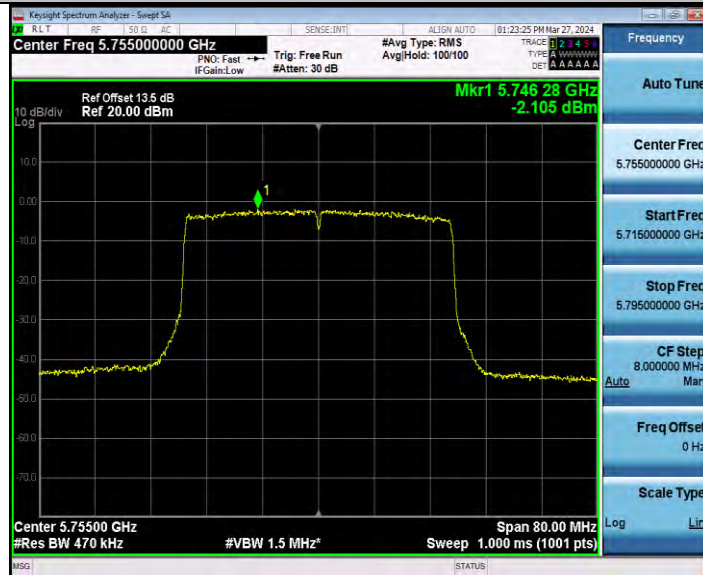


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Test Report No.: W7L-P24040006RF03



11AX40MIMO_Ant2_5755

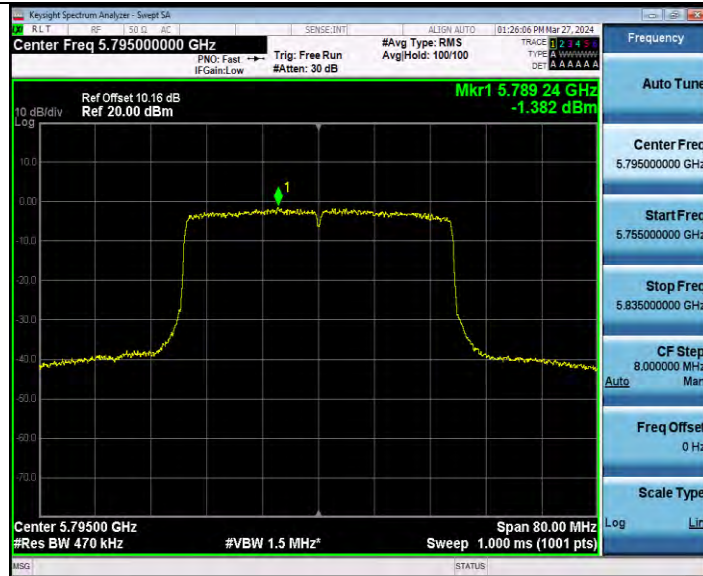


11AX40MIMO_Ant1_5795



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11AX40MIMO_Ant2_5795



11AX80MIMO_Ant1_5210



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Test Report No.: W7L-P24040006RF03



11AX80MIMO_Ant2_5210



11AX80MIMO_Ant1_5290



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Test Report No.: W7L-P24040006RF03



11AX80MIMO_Ant2_5290



11AX80MIMO_Ant1_5530



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Test Report No.: W7L-P24040006RF03



11AX80MIMO_Ant2_5530



11AX80MIMO_Ant1_5610



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Test Report No.: W7L-P24040006RF03



11AX80MIMO_Ant2_5610



11AX80MIMO_Ant1_5690_UNII-2C



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Test Report No.: W7L-P24040006RF03



11AX80MIMO_Ant2_5690_UNII-2C



11AX80MIMO_Ant1_5690_UNII-3



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Test Report No.: W7L-P24040006RF03



11AX80MIMO_Ant2_5690_UNII-3



11AX80MIMO_Ant1_5775



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11AX80MIMO_Ant2_5775



11AX160MIMO_Ant1_5250_UNII-1



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Test Report No.: W7L-P24040006RF03



11AX160MIMO_Ant2_5250_UNII-1



11AX160MIMO_Ant1_5250_UNII-2A



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11AX160MIMO_Ant2_5250_UNII-2A



11AX160MIMO_Ant1_5570



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11AX160MIMO_Ant2_5570



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7 APPENDIX B: OFDMA

MAXIMUM CONDUCTED OUTPUT POWER

TEST RESULT

Test Mode	Antenna	Freq(MHz)	Ru Size	Ru Index	Result [dBm]	Limit [dBm]
11AX20MIMO	Ant1	5180	26Tone	RU0	10.06	≤23.98
			52Tone	RU37	12.42	≤23.98
			106Tone	RU53	12.34	≤23.98
	Ant2	5180	26Tone	RU0	9.32	≤23.98
			52Tone	RU37	12.21	≤23.98
			106Tone	RU53	12.24	≤23.98
	total	5180	26Tone	RU0	12.72	≤23.98
			52Tone	RU37	15.33	≤23.98
			106Tone	RU53	15.30	≤23.98
	Ant1	5200	26Tone	RU4	11.27	≤23.98
			52Tone	RU38	12.05	≤23.98
			106Tone	RU53	12.43	≤23.98
	Ant2	5200	26Tone	RU4	11.01	≤23.98
			52Tone	RU38	11.89	≤23.98
			106Tone	RU53	12.22	≤23.98
	total	5200	26Tone	RU4	14.15	≤23.98
			52Tone	RU38	14.98	≤23.98
			106Tone	RU53	15.34	≤23.98
	Ant1	5240	26Tone	RU8	10.72	≤23.98
			52Tone	RU40	10.27	≤23.98
			106Tone	RU54	12.37	≤23.98
	Ant2	5240	26Tone	RU8	10.8	≤23.98
			52Tone	RU40	10.77	≤23.98
			106Tone	RU54	12.46	≤23.98
	total	5240	26Tone	RU8	13.77	≤23.98
			52Tone	RU40	13.54	≤23.98
			106Tone	RU54	15.43	≤23.98
	Ant1	5260	26Tone	RU0	10.58	≤23.98



			52Tone	RU37	10.54	≤23.98
			106Tone	RU53	12.46	≤23.98
	Ant2	5260	26Tone	RU0	10.23	≤23.98
			52Tone	RU37	10.24	≤23.98
			106Tone	RU53	12.64	≤23.98
	total	5260	26Tone	RU0	13.42	≤23.98
			52Tone	RU37	13.4	≤23.98
			106Tone	RU53	15.56	≤23.98
	Ant1	5300	26Tone	RU4	11.35	≤23.77
			52Tone	RU38	12.02	≤23.90
			106Tone	RU53	12.42	≤23.98
	Ant2	5300	26Tone	RU4	10.92	≤23.68
			52Tone	RU38	12.02	≤23.75
			106Tone	RU53	12.30	≤23.98
	total	5300	26Tone	RU4	14.15	≤23.68
			52Tone	RU38	15.03	≤23.75
			106Tone	RU53	15.37	≤23.98
	Ant1	5320	26Tone	RU8	10.42	≤23.98
			52Tone	RU40	11.98	≤23.98
			106Tone	RU54	12.12	≤23.98
	Ant2	5320	26Tone	RU8	10.27	≤23.98
			52Tone	RU40	12.09	≤23.98
			106Tone	RU54	12.07	≤23.98
	total	5320	26Tone	RU8	13.36	≤23.98
			52Tone	RU40	15.05	≤23.98
			106Tone	RU54	15.11	≤23.98
	Ant1	5500	26Tone	RU0	10.56	≤23.98
			52Tone	RU37	12.57	≤23.98
			106Tone	RU53	12.37	≤23.98
	Ant2	5500	26Tone	RU0	10.73	≤23.98
			52Tone	RU37	12.28	≤23.98
			106Tone	RU53	12.32	≤23.98
	total	5500	26Tone	RU0	13.66	≤23.98
			52Tone	RU37	15.44	≤23.98
			106Tone	RU53	15.36	≤23.98



	Ant1	5580	26Tone	RU4	10.79	≤23.77
			52Tone	RU38	11.78	≤23.91
			106Tone	RU53	12.23	≤23.98
	Ant2	5580	26Tone	RU4	11.08	≤23.67
			52Tone	RU38	12.08	≤23.73
			106Tone	RU53	12.44	≤23.98
	total	5580	26Tone	RU4	13.95	≤23.67
			52Tone	RU38	14.94	≤23.73
			106Tone	RU53	15.35	≤23.98
	Ant1	5700	26Tone	RU8	10.43	≤23.98
			52Tone	RU40	12.08	≤23.98
			106Tone	RU54	12.19	≤23.98
	Ant2	5700	26Tone	RU8	10	≤23.98
			52Tone	RU40	12.23	≤23.98
			106Tone	RU54	12.20	≤23.98
	total	5700	26Tone	RU8	13.23	≤23.98
			52Tone	RU40	15.17	≤23.98
			106Tone	RU54	15.21	≤23.98
	Ant1	5745	26Tone	RU0	11.49	≤30.00
			52Tone	RU37	12.43	≤30.00
			106Tone	RU53	12.37	≤30.00
	Ant2	5745	26Tone	RU0	11.81	≤30.00
			52Tone	RU37	12.58	≤30.00
			106Tone	RU53	12.67	≤30.00
	total	5745	26Tone	RU0	14.66	≤30.00
			52Tone	RU37	15.52	≤30.00
			106Tone	RU53	15.53	≤30.00
	Ant1	5785	26Tone	RU4	10.83	≤30.00
			52Tone	RU38	11.99	≤30.00
			106Tone	RU53	12.34	≤30.00
	Ant2	5785	26Tone	RU4	11.44	≤30.00
			52Tone	RU38	12.47	≤30.00
			106Tone	RU53	12.87	≤30.00
	total	5785	26Tone	RU4	14.16	≤30.00
			52Tone	RU38	15.25	≤30.00



	Ant1	5825	106Tone	RU53	15.62	≤30.00
			26Tone	RU8	10.88	≤30.00
			52Tone	RU40	11.82	≤30.00
			106Tone	RU54	11.83	≤30.00
	Ant2	5825	26Tone	RU8	11.25	≤30.00
			52Tone	RU40	12.04	≤30.00
			106Tone	RU54	12.14	≤30.00
	total	5825	26Tone	RU8	14.08	≤30.00
			52Tone	RU40	14.94	≤30.00
			106Tone	RU54	15	≤30.00

EMISSION BANDWIDTH

TEST RESULT

Test Mode	Antenna	Freq(MHz)	Ru Size	Ru Index	26db BW [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
11AX20MIMO	Ant1	5180	26Tone	RU0	20.880	5168.600	5189.480	---	---
			52Tone	RU37	21.160	5168.600	5189.760	---	---
			106Tone	RU53	21.520	5168.640	5190.160	---	---
	Ant2	5180	26Tone	RU0	20.440	5168.840	5189.280	---	---
			52Tone	RU37	21.040	5168.480	5189.520	---	---
			106Tone	RU53	21.280	5168.440	5189.720	---	---
	Ant1	5200	26Tone	RU4	18.920	5190.600	5209.520	---	---
			52Tone	RU38	19.400	5190.400	5209.800	---	---
			106Tone	RU53	21.360	5188.800	5210.160	---	---
	Ant2	5200	26Tone	RU4	18.520	5190.8	5209.36	---	---



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						40	0		
			52Tone	RU38	18.720	5190.800	5209.520	---	---
			106Tone	RU53	21.240	5188.640	5209.880	---	---
	Ant1	5240	26Tone	RU8	20.200	5230.720	5250.920	---	---
			52Tone	RU40	20.240	5230.720	5250.960	---	---
			106Tone	RU54	21.280	5229.960	5251.240	---	---
	Ant2	5240	26Tone	RU8	20.040	5230.880	5250.920	---	---
			52Tone	RU40	20.080	5230.880	5250.960	---	---
			106Tone	RU54	20.600	5230.640	5251.240	---	---
	Ant1	5260	26Tone	RU0	20.720	5248.720	5269.440	---	---
			52Tone	RU37	21.000	5248.520	5269.520	---	---
			106Tone	RU53	21.320	5248.840	5270.160	---	---
	Ant2	5260	26Tone	RU0	20.640	5248.680	5269.320	---	---
			52Tone	RU37	20.600	5248.720	5269.320	---	---
			106Tone	RU53	21.240	5248.600	5269.840	---	---
	Ant1	5300	26Tone	RU4	18.920	5290.600	5309.520	---	---
			52Tone	RU38	19.520	5290.280	5309.800	---	---
			106Tone	RU53	21.480	5288.600	5310.080	---	---
	Ant2	5300	26Tone	RU4	18.520	5290.8	5309.32	---	---



						00	0		
			52Tone	RU38	18.840	5290.680	5309.520	---	---
			106Tone	RU53	21.360	5288.400	5309.760	---	---
	Ant1	5320	26Tone	RU8	20.440	5310.720	5331.160	---	---
			52Tone	RU40	20.880	5310.360	5331.240	---	---
			106Tone	RU54	21.480	5310.000	5331.480	---	---
	Ant2	5320	26Tone	RU8	20.160	5310.880	5331.040	---	---
			52Tone	RU40	20.200	5310.760	5330.960	---	---
			106Tone	RU54	20.720	5310.600	5331.320	---	---
	Ant1	5500	26Tone	RU0	20.840	5488.680	5509.520	---	---
			52Tone	RU37	21.040	5488.720	5509.760	---	---
			106Tone	RU53	21.160	5488.640	5509.800	---	---
	Ant2	5500	26Tone	RU0	20.680	5488.720	5509.400	---	---
			52Tone	RU37	21.000	5488.560	5509.560	---	---
			106Tone	RU53	21.000	5488.560	5509.560	---	---
	Ant1	5580	26Tone	RU4	18.920	5570.600	5589.520	---	---
			52Tone	RU38	19.560	5570.320	5589.880	---	---
			106Tone	RU53	21.280	5568.840	5590.120	---	---
	Ant2	5580	26Tone	RU4	18.480	5570.8	5589.32	---	---



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						40	0		
			52Tone	RU38	18.760	5570.7 60	5589.52 0	---	---
			106Tone	RU53	20.840	5568.7 60	5589.60 0	---	---
	Ant1	5700	26Tone	RU8	20.200	5690.7 20	5710.92 0	---	---
			52Tone	RU40	20.960	5690.4 00	5711.36 0	---	---
			106Tone	RU54	20.960	5690.1 60	5711.12 0	---	---
	Ant2	5700	26Tone	RU8	20.080	5690.8 80	5710.96 0	---	---
			52Tone	RU40	20.440	5690.7 60	5711.20 0	---	---
			106Tone	RU54	21.320	5690.2 80	5711.60 0	---	---
	Ant1	5745	26Tone	RU0	20.800	5733.6 80	5754.48 0	---	---
			52Tone	RU37	20.960	5733.7 20	5754.68 0	---	---
			106Tone	RU53	21.320	5733.8 80	5755.20 0	---	---
	Ant2	5745	26Tone	RU0	20.520	5733.8 00	5754.32 0	---	---
			52Tone	RU37	20.800	5733.6 80	5754.48 0	---	---
			106Tone	RU53	21.200	5733.7 60	5754.96 0	---	---
	Ant1	5785	26Tone	RU4	18.960	5775.6 00	5794.56 0	---	---
			52Tone	RU38	19.560	5775.3 20	5794.88 0	---	---
			106Tone	RU53	22.120	5773.2 40	5795.36 0	---	---
	Ant2	5785	26Tone	RU4	18.480	5775.8	5794.32	---	---



						40	0		
			52Tone	RU38	18.800	5775.7 20	5794.52 0	---	---
			106Tone	RU53	21.240	5773.5 60	5794.80 0	---	---
	Ant1	5825	26Tone	RU8	20.200	5815.7 20	5835.92 0	---	---
			52Tone	RU40	20.760	5815.4 00	5836.16 0	---	---
			106Tone	RU54	21.120	5815.0 80	5836.20 0	---	---
	Ant2	5825	26Tone	RU8	20.080	5815.8 80	5835.96 0	---	---
			52Tone	RU40	20.440	5815.7 60	5836.20 0	---	---
			106Tone	RU54	20.760	5815.6 00	5836.36 0	---	---

TEST GRAPHS

11AX20MIMO_Ant1_5180_26Tone_RU0



11AX20MIMO_Ant1_5180_52Tone_RU37



11AX20MIMO_Ant1_5180_106Tone_RU53



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VERITAS

Test Report No.: W7L-P24040006RF03



11AX20MIMO_Ant2_5180_26Tone_RU0



11AX20MIMO_Ant2_5180_52Tone_RU37



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Test Report No.: W7L-P24040006RF03



11AX20MIMO_Ant2_5180_106Tone_RU53



11AX20MIMO_Ant1_5200_26Tone_RU4



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Test Report No.: W7L-P24040006RF03



11AX20MIMO_Ant1_5200_52Tone_RU38



11AX20MIMO_Ant1_5200_106Tone_RU53