11AC80MIMO_Ant0_5775

11AC80MIMO_Ant1_5775

11AX20MIMO_Ant0_5720

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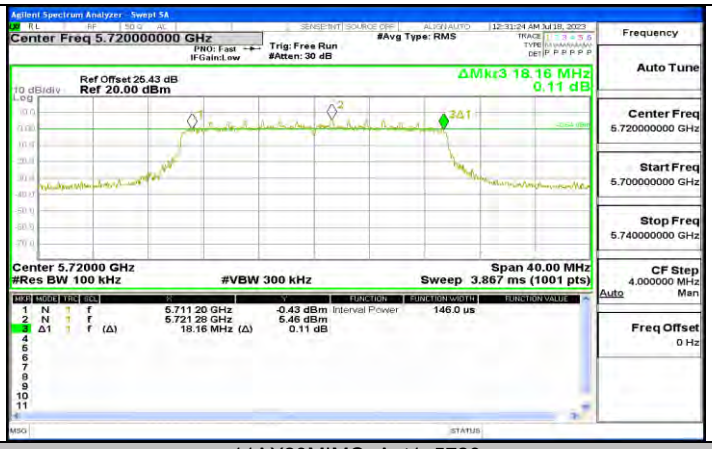
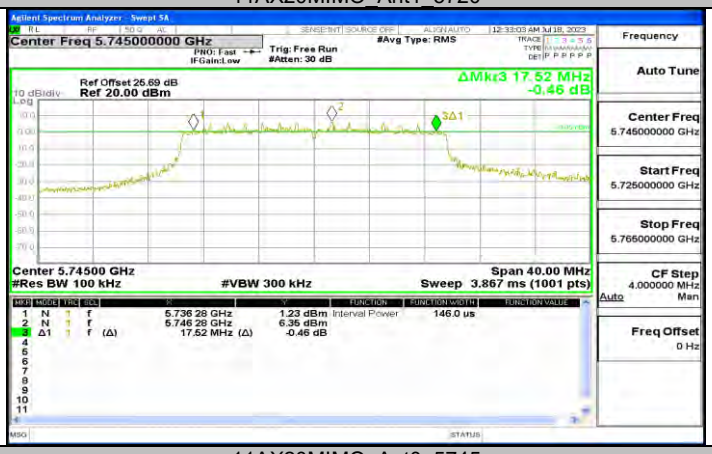
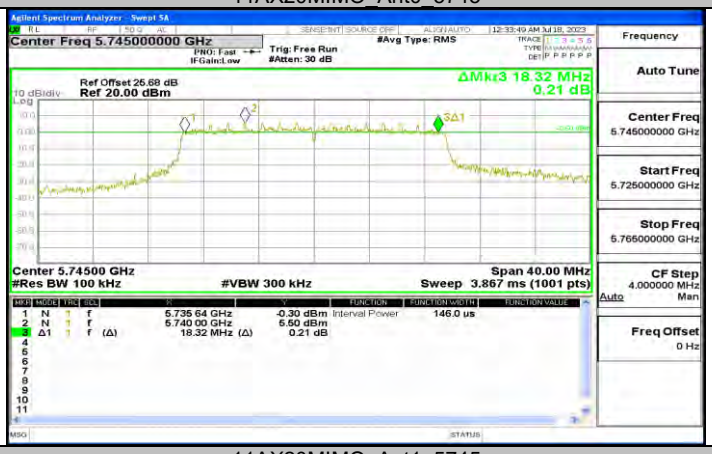


11AX20MIMO_Ant1_5720



11AX20MIMO_Ant0_5745



11AX20MIMO_Ant1_5745

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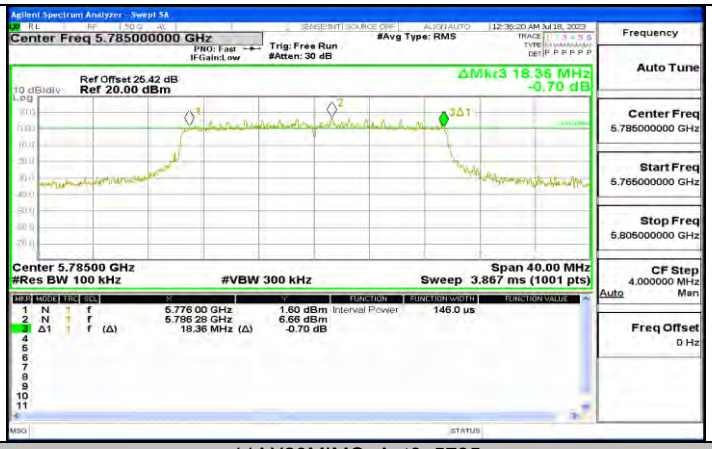

11AX20MIMO_Ant0_5785

11AX20MIMO_Ant1_5785

11AX20MIMO_Ant0_5825

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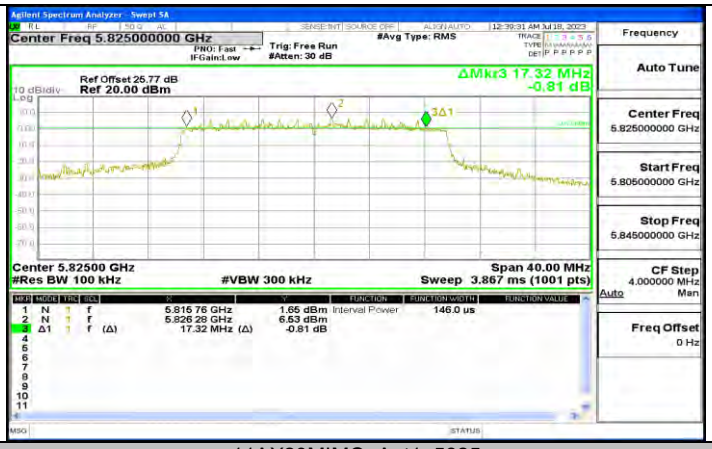
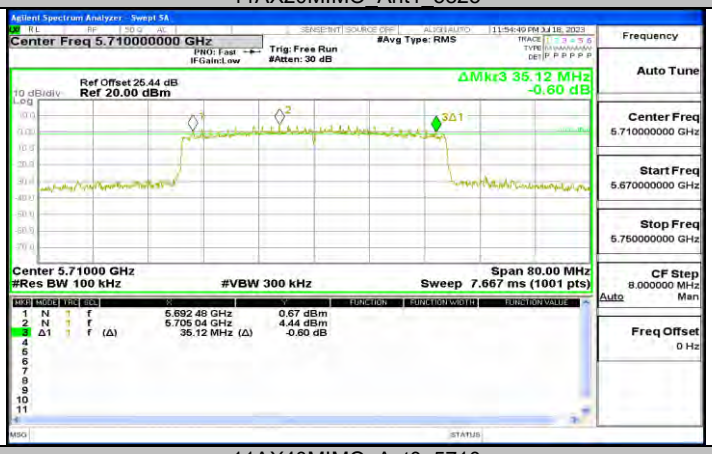


11AX20MIMO_Ant1_5825



11AX40MIMO_Ant0_5710

11AX40MIMO_Ant1_5710

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11AX40MIMO_Ant0_5755

11AX40MIMO_Ant1_5755

11AX40MIMO_Ant0_5795

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11AX40MIMO_Ant1_5795

11AX80MIMO_Ant0_5690

11AX80MIMO_Ant1_5690

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11AX80MIMO_Ant0_5775

11AX80MIMO_Ant1_5775

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11.4. APPENDIX B: MAXIMUM CONDUCTED OUTPUT POWER

11.4.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant0	5180	18.71	≤30.00	PASS
	Ant1	5180	19.00	≤30.00	PASS
	Ant0	5200	18.99	≤30.00	PASS
	Ant1	5200	19.31	≤30.00	PASS
	Ant0	5240	19.05	≤30.00	PASS
	Ant1	5240	19.73	≤30.00	PASS
	Ant0	5260	19.14	≤23.85	PASS
	Ant1	5260	19.78	≤23.90	PASS
	Ant0	5280	19.21	≤23.79	PASS
	Ant1	5280	19.85	≤23.90	PASS
	Ant0	5320	18.61	≤23.98	PASS
	Ant1	5320	19.28	≤23.98	PASS
	Ant0	5500	18.89	≤23.98	PASS
	Ant1	5500	19.61	≤23.98	PASS
	Ant0	5580	19.29	≤23.94	PASS
	Ant1	5580	19.85	≤23.98	PASS
	Ant0	5700	18.59	≤23.98	PASS
	Ant1	5700	18.62	≤23.98	PASS
	Ant0	5720_UNII-2C	17.87	≤22.75	PASS
	Ant1	5720_UNII-2C	18.10	≤22.80	PASS
	Ant0	5720_UNII-3	11.05	≤30.00	PASS
	Ant1	5720_UNII-3	11.21	≤30.00	PASS
	Ant0	5745	18.03	≤30.00	PASS
	Ant1	5745	18.24	≤30.00	PASS
	Ant0	5785	18.61	≤30.00	PASS
	Ant1	5785	18.48	≤30.00	PASS
	Ant0	5825	18.72	≤30.00	PASS
	Ant1	5825	18.34	≤30.00	PASS
11N20MIMO	Ant0	5180	17.61	≤30.00	PASS
	Ant1	5180	17.96	≤30.00	PASS
	total	5180	20.80	≤30.00	PASS
	Ant0	5200	17.75	≤30.00	PASS
	Ant1	5200	18.14	≤30.00	PASS
	total	5200	20.96	≤30.00	PASS
	Ant0	5240	17.59	≤30.00	PASS
	Ant1	5240	18.02	≤30.00	PASS
	total	5240	20.82	≤30.00	PASS
	Ant0	5260	16.62	≤23.98	PASS
	Ant1	5260	17.04	≤23.98	PASS
	total	5260	19.85	≤23.98	PASS
	Ant0	5280	16.69	≤23.98	PASS
	Ant1	5280	17.11	≤23.94	PASS
	total	5280	19.92	≤23.98	PASS
	Ant0	5320	16.39	≤23.98	PASS
	Ant1	5320	17.03	≤23.98	PASS
	total	5320	19.73	≤23.98	PASS
	Ant0	5500	16.40	≤23.98	PASS
	Ant1	5500	17.20	≤23.98	PASS
	total	5500	19.83	≤23.98	PASS
	Ant0	5580	16.73	≤23.98	PASS
	Ant1	5580	17.32	≤23.98	PASS
	total	5580	20.05	≤23.98	PASS
	Ant0	5700	17.15	≤23.98	PASS
	Ant1	5700	17.40	≤23.98	PASS
	total	5700	20.29	≤23.98	PASS
	Ant0	5720_UNII-2C	15.25	≤22.93	PASS
	Ant1	5720_UNII-2C	15.54	≤22.84	PASS
	total	5720_UNII-2C	18.41	≤23.98	PASS
	Ant0	5720_UNII-3	8.83	≤30.00	PASS
	Ant1	5720_UNII-3	9.01	≤30.00	PASS
	total	5720_UNII-3	11.93	≤30.00	PASS
	Ant0	5745	16.66	≤30.00	PASS
	Ant1	5745	16.86	≤30.00	PASS
	total	5745	19.77	≤30.00	PASS

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	Ant0	5785	17.13	≤30.00	PASS
	Ant1	5785	17.13	≤30.00	PASS
	total	5785	20.14	≤30.00	PASS
	Ant0	5825	17.14	≤30.00	PASS
	Ant1	5825	17.10	≤30.00	PASS
	total	5825	20.13	≤30.00	PASS
11N40MIMO	Ant0	5190	18.20	≤30.00	PASS
	Ant1	5190	18.28	≤30.00	PASS
	total	5190	21.25	≤30.00	PASS
	Ant0	5230	17.95	≤30.00	PASS
	Ant1	5230	18.24	≤30.00	PASS
	total	5230	21.11	≤30.00	PASS
	Ant0	5270	17.94	≤23.98	PASS
	Ant1	5270	18.38	≤23.98	PASS
	total	5270	21.18	≤23.98	PASS
	Ant0	5310	17.73	≤23.98	PASS
	Ant1	5310	18.19	≤23.98	PASS
	total	5310	20.98	≤23.98	PASS
	Ant0	5510	17.61	≤23.98	PASS
	Ant1	5510	18.20	≤23.98	PASS
	total	5510	20.93	≤23.98	PASS
	Ant0	5550	17.64	≤23.98	PASS
	Ant1	5550	18.18	≤23.98	PASS
	total	5550	20.93	≤23.98	PASS
	Ant0	5670	17.52	≤23.98	PASS
	Ant1	5670	17.63	≤23.98	PASS
	total	5670	20.59	≤23.98	PASS
	Ant0	5710_UNII-2C	17.16	≤23.98	PASS
	Ant1	5710_UNII-2C	17.30	≤23.98	PASS
	total	5710_UNII-2C	20.24	≤23.98	PASS
	Ant0	5710_UNII-3	4.44	≤30.00	PASS
	Ant1	5710_UNII-3	4.73	≤30.00	PASS
	total	5710_UNII-3	7.60	≤30.00	PASS
	Ant0	5755	17.11	≤30.00	PASS
	Ant1	5755	17.11	≤30.00	PASS
	total	5755	20.12	≤30.00	PASS
	Ant0	5795	17.26	≤30.00	PASS
	Ant1	5795	17.08	≤30.00	PASS
	total	5795	20.18	≤30.00	PASS
11AC80MIMO	Ant0	5210	17.77	≤30.00	PASS
	Ant1	5210	18.04	≤30.00	PASS
	total	5210	20.92	≤30.00	PASS
	Ant0	5290	17.74	≤23.98	PASS
	Ant1	5290	18.33	≤23.98	PASS
	total	5290	21.06	≤23.98	PASS
	Ant0	5530	17.15	≤23.98	PASS
	Ant1	5530	17.73	≤23.98	PASS
	total	5530	20.46	≤23.98	PASS
	Ant0	5610	17.20	≤23.98	PASS
	Ant1	5610	17.86	≤23.98	PASS
	total	5610	20.55	≤23.98	PASS
	Ant0	5690_UNII-2C	17.04	≤23.98	PASS
	Ant1	5690_UNII-2C	17.22	≤23.98	PASS
	total	5690_UNII-2C	20.14	≤23.98	PASS
	Ant0	5690_UNII-3	0.33	≤30.00	PASS
	Ant1	5690_UNII-3	0.63	≤30.00	PASS
	total	5690_UNII-3	3.49	≤30.00	PASS
	Ant0	5775	17.24	≤30.00	PASS
	Ant1	5775	17.23	≤30.00	PASS
	total	5775	20.25	≤30.00	PASS
11AC160MIMO	Ant0	5250_UNII-1	12.72	≤23.98	PASS
	Ant1	5250_UNII-1	12.89	≤23.98	PASS
	total	5250_UNII-1	15.82	≤23.98	PASS
	Ant0	5250_UNII-2A	11.49	≤23.98	PASS
	Ant1	5250_UNII-2A	11.76	≤23.98	PASS
	total	5250_UNII-2A	14.64	≤23.98	PASS
	Ant0	5570	11.96	≤23.98	PASS
	Ant1	5570	12.03	≤23.98	PASS
	total	5570	15.01	≤23.98	PASS
11AX20MIMO	Ant0	5180	17.72	≤30.00	PASS

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	Ant1	5180	17.99	≤30.00	PASS
	total	5180	20.87	≤30.00	PASS
	Ant0	5200	17.91	≤30.00	PASS
	Ant1	5200	18.26	≤30.00	PASS
	total	5200	21.10	≤30.00	PASS
	Ant0	5240	17.71	≤30.00	PASS
	Ant1	5240	18.32	≤30.00	PASS
	total	5240	21.04	≤30.00	PASS
	Ant0	5260	16.63	≤23.98	PASS
	Ant1	5260	17.25	≤23.98	PASS
	total	5260	19.96	≤23.98	PASS
	Ant0	5280	16.66	≤23.98	PASS
	Ant1	5280	17.20	≤23.98	PASS
	total	5280	19.95	≤23.98	PASS
	Ant0	5320	16.56	≤23.98	PASS
	Ant1	5320	17.17	≤23.98	PASS
	total	5320	19.89	≤23.98	PASS
	Ant0	5500	16.67	≤23.98	PASS
	Ant1	5500	17.53	≤23.98	PASS
	total	5500	20.13	≤23.98	PASS
	Ant0	5580	16.91	≤23.98	PASS
	Ant1	5580	17.61	≤23.98	PASS
	total	5580	20.28	≤23.98	PASS
	Ant0	5700	17.21	≤23.98	PASS
	Ant1	5700	17.56	≤23.98	PASS
	total	5700	20.40	≤23.98	PASS
	Ant0	5720_UNII-2C	15.25	≤22.89	PASS
	Ant1	5720_UNII-2C	15.61	≤22.96	PASS
	total	5720_UNII-2C	18.44	≤23.98	PASS
	Ant0	5720_UNII-3	8.44	≤30.00	PASS
	Ant1	5720_UNII-3	8.74	≤30.00	PASS
	total	5720_UNII-3	11.60	≤30.00	PASS
	Ant0	5745	16.73	≤30.00	PASS
	Ant1	5745	17.08	≤30.00	PASS
	total	5745	19.92	≤30.00	PASS
	Ant0	5785	17.23	≤30.00	PASS
	Ant1	5785	17.24	≤30.00	PASS
	total	5785	20.25	≤30.00	PASS
	Ant0	5825	17.28	≤30.00	PASS
	Ant1	5825	17.27	≤30.00	PASS
	total	5825	20.29	≤30.00	PASS
11AX40MIMO	Ant0	5190	18.12	≤30.00	PASS
	Ant1	5190	17.64	≤30.00	PASS
	total	5190	20.90	≤30.00	PASS
	Ant0	5230	18.05	≤30.00	PASS
	Ant1	5230	17.65	≤30.00	PASS
	total	5230	20.86	≤30.00	PASS
	Ant0	5270	18.09	≤23.98	PASS
	Ant1	5270	17.80	≤23.98	PASS
	total	5270	20.96	≤23.98	PASS
	Ant0	5310	17.99	≤23.98	PASS
	Ant1	5310	17.51	≤23.98	PASS
	total	5310	20.77	≤23.98	PASS
	Ant0	5510	17.27	≤23.98	PASS
	Ant1	5510	16.93	≤23.98	PASS
	total	5510	20.11	≤23.98	PASS
	Ant0	5550	17.30	≤23.98	PASS
	Ant1	5550	17.04	≤23.98	PASS
	total	5550	20.18	≤23.98	PASS
	Ant0	5670	17.22	≤23.98	PASS
	Ant1	5670	16.37	≤23.98	PASS
	total	5670	19.83	≤23.98	PASS
	Ant0	5710_UNII-2C	17.04	≤23.98	PASS
	Ant1	5710_UNII-2C	15.69	≤23.98	PASS
	total	5710_UNII-2C	19.43	≤23.98	PASS
	Ant0	5710_UNII-3	5.47	≤30.00	PASS
	Ant1	5710_UNII-3	4.14	≤30.00	PASS
	total	5710_UNII-3	7.87	≤30.00	PASS
	Ant0	5755	16.97	≤30.00	PASS
	Ant1	5755	15.35	≤30.00	PASS

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	total	5755	19.25	≤30.00	PASS
	Ant0	5795	17.04	≤30.00	PASS
	Ant1	5795	15.22	≤30.00	PASS
	total	5795	19.23	≤30.00	PASS
11AX80MIMO	Ant0	5210	18.25	≤30.00	PASS
	Ant1	5210	17.36	≤30.00	PASS
	total	5210	20.84	≤30.00	PASS
	Ant0	5290	18.06	≤23.98	PASS
	Ant1	5290	18.64	≤23.98	PASS
	total	5290	21.37	≤23.98	PASS
	Ant0	5530	17.59	≤23.98	PASS
	Ant1	5530	18.23	≤23.98	PASS
	total	5530	20.93	≤23.98	PASS
	Ant0	5610	17.74	≤23.98	PASS
	Ant1	5610	18.19	≤23.98	PASS
	total	5610	20.98	≤23.98	PASS
	Ant0	5690_UNII-2C	17.53	≤23.98	PASS
	Ant1	5690_UNII-2C	17.51	≤23.98	PASS
	total	5690_UNII-2C	20.53	≤23.98	PASS
	Ant0	5690_UNII-3	1.76	≤30.00	PASS
	Ant1	5690_UNII-3	1.67	≤30.00	PASS
	total	5690_UNII-3	4.73	≤30.00	PASS
	Ant0	5775	17.57	≤30.00	PASS
	Ant1	5775	17.38	≤30.00	PASS
	total	5775	20.49	≤30.00	PASS
11AX160MIMO	Ant0	5250_UNII-1	13.21	≤23.98	PASS
	Ant1	5250_UNII-1	13.15	≤23.98	PASS
	total	5250_UNII-1	16.19	≤23.98	PASS
	Ant0	5250_UNII-2A	12.21	≤23.98	PASS
	Ant1	5250_UNII-2A	12.41	≤23.98	PASS
	total	5250_UNII-2A	15.32	≤23.98	PASS
	Ant0	5570	13.18	≤23.98	PASS
	Ant1	5570	12.99	≤23.98	PASS
	total	5570	16.10	≤23.98	PASS

Note: 1. Conducted Power=Meas. Level+ Correction Factor
2. The Duty Cycle Factor (refer to section 7.1) had already compensated to the test data.

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11.5. APPENDIX C: MAXIMUM POWER SPECTRAL DENSITY

11.5.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant0	5180	8.01	≤17.00	PASS
	Ant1	5180	8.44	≤17.00	PASS
	Ant0	5200	8.28	≤17.00	PASS
	Ant1	5200	8.55	≤17.00	PASS
	Ant0	5240	8.12	≤17.00	PASS
	Ant1	5240	8.83	≤17.00	PASS
	Ant0	5260	8.47	≤11.00	PASS
	Ant1	5260	9.05	≤11.00	PASS
	Ant0	5280	8.51	≤11.00	PASS
	Ant1	5280	9.25	≤11.00	PASS
	Ant0	5320	7.83	≤11.00	PASS
	Ant1	5320	8.55	≤11.00	PASS
	Ant0	5500	8.36	≤11.00	PASS
	Ant1	5500	9	≤11.00	PASS
	Ant0	5580	8.95	≤11.00	PASS
	Ant1	5580	9.34	≤11.00	PASS
	Ant0	5700	8.27	≤11.00	PASS
	Ant1	5700	8.12	≤11.00	PASS
	Ant0	5720_UNII-2C	8.32	≤11.00	PASS
	Ant1	5720_UNII-2C	8.32	≤11.00	PASS
	Ant0	5720_UNII-3	4.08	≤30.00	PASS
	Ant1	5720_UNII-3	4.17	≤30.00	PASS
	Ant0	5745	4.65	≤30.00	PASS
	Ant1	5745	4.57	≤30.00	PASS
	Ant0	5785	5.23	≤30.00	PASS
	Ant1	5785	4.93	≤30.00	PASS
	Ant0	5825	5.64	≤30.00	PASS
	Ant1	5825	4.98	≤30.00	PASS
11N20MIMO	Ant0	5180	6.98	≤17.00	PASS
	Ant1	5180	7.35	≤17.00	PASS
	total	5180	10.18	≤15.79	PASS
	Ant0	5200	7.08	≤17.00	PASS
	Ant1	5200	8	≤17.00	PASS
	total	5200	10.57	≤15.79	PASS
	Ant0	5240	7.01	≤17.00	PASS
	Ant1	5240	7.05	≤17.00	PASS
	total	5240	10.04	≤15.79	PASS
	Ant0	5260	5.86	≤11.00	PASS
	Ant1	5260	6.56	≤11.00	PASS
	total	5260	9.23	≤9.79	PASS
	Ant0	5280	6.15	≤11.00	PASS
	Ant1	5280	6.45	≤11.00	PASS
	total	5280	9.31	≤9.79	PASS
	Ant0	5320	5.61	≤11.00	PASS
	Ant1	5320	6.37	≤11.00	PASS
	total	5320	9.02	≤9.79	PASS
	Ant0	5500	5.77	≤11.00	PASS
	Ant1	5500	6.47	≤11.00	PASS
	total	5500	9.14	≤9.79	PASS
	Ant0	5580	6.11	≤11.00	PASS
	Ant1	5580	6.69	≤11.00	PASS
	total	5580	9.42	≤9.79	PASS
	Ant0	5700	6.31	≤11.00	PASS
	Ant1	5700	6.49	≤11.00	PASS
	total	5700	9.41	≤9.79	PASS
	Ant0	5720_UNII-2C	5.62	≤11.00	PASS
	Ant1	5720_UNII-2C	6.17	≤11.00	PASS
	total	5720_UNII-2C	8.91	≤9.79	PASS
	Ant0	5720_UNII-3	1.31	≤30.00	PASS
	Ant1	5720_UNII-3	1.41	≤28.79	PASS
	total	5720_UNII-3	4.37	≤9.79	PASS
	Ant0	5745	2.82	≤30.00	PASS
	Ant1	5745	3.12	≤30.00	PASS
	total	5745	5.98	≤28.79	PASS

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	Ant0	5785	3.62	≤30.00	PASS
	Ant1	5785	3.66	≤30.00	PASS
	total	5785	6.65	≤28.79	PASS
	Ant0	5825	3.77	≤30.00	PASS
	Ant1	5825	3.36	≤30.00	PASS
	total	5825	6.58	≤28.79	PASS
11N40MIMO	Ant0	5190	5.29	≤17.00	PASS
	Ant1	5190	5.08	≤17.00	PASS
	total	5190	8.20	≤15.79	PASS
	Ant0	5230	4.82	≤17.00	PASS
	Ant1	5230	5.17	≤17.00	PASS
	total	5230	8.01	≤15.79	PASS
	Ant0	5270	4.66	≤11.00	PASS
	Ant1	5270	5.6	≤11.00	PASS
	total	5270	8.17	≤9.79	PASS
	Ant0	5310	4.26	≤11.00	PASS
	Ant1	5310	5.3	≤11.00	PASS
	total	5310	7.82	≤9.79	PASS
	Ant0	5510	4.72	≤11.00	PASS
	Ant1	5510	4.97	≤11.00	PASS
	total	5510	7.86	≤9.79	PASS
	Ant0	5550	4.51	≤11.00	PASS
	Ant1	5550	5.02	≤11.00	PASS
	total	5550	7.78	≤9.79	PASS
	Ant0	5670	4.27	≤11.00	PASS
	Ant1	5670	4.28	≤11.00	PASS
	total	5670	7.29	≤9.79	PASS
	Ant0	5710_UNII-2C	4.28	≤11.00	PASS
	Ant1	5710_UNII-2C	4.44	≤11.00	PASS
	total	5710_UNII-2C	7.37	≤9.79	PASS
	Ant0	5710_UNII-3	-2.08	≤30.00	PASS
	Ant1	5710_UNII-3	-1.55	≤28.79	PASS
	total	5710_UNII-3	1.20	≤9.79	PASS
	Ant0	5755	1.22	≤30.00	PASS
	Ant1	5755	1.41	≤30.00	PASS
	total	5755	4.33	≤28.79	PASS
	Ant0	5795	1.17	≤30.00	PASS
	Ant1	5795	0.9	≤30.00	PASS
	total	5795	4.05	≤28.79	PASS
11AC80MIMO	Ant0	5210	2.09	≤17.00	PASS
	Ant1	5210	2.17	≤17.00	PASS
	total	5210	5.14	≤15.79	PASS
	Ant0	5290	2	≤11.00	PASS
	Ant1	5290	2.26	≤11.00	PASS
	total	5290	5.14	≤9.79	PASS
	Ant0	5530	0.58	≤11.00	PASS
	Ant1	5530	1.58	≤11.00	PASS
	total	5530	4.12	≤9.79	PASS
	Ant0	5610	1.23	≤11.00	PASS
	Ant1	5610	2.02	≤11.00	PASS
	total	5610	4.65	≤9.79	PASS
	Ant0	5690_UNII-2C	1.76	≤11.00	PASS
	Ant1	5690_UNII-2C	1.64	≤11.00	PASS
	total	5690_UNII-2C	4.71	≤9.79	PASS
	Ant0	5690_UNII-3	-5.4	≤30.00	PASS
	Ant1	5690_UNII-3	-4.88	≤28.79	PASS
	total	5690_UNII-3	-2.12	≤9.79	PASS
	Ant0	5775	-1.74	≤30.00	PASS
	Ant1	5775	-1.74	≤30.00	PASS
	total	5775	1.27	≤28.79	PASS
11AC160MIMO	Ant0	5250_UNII-1	-3.07	≤11.00	PASS
	Ant1	5250_UNII-1	-3.02	≤11.00	PASS
	total	5250_UNII-1	-0.03	≤9.79	PASS
	Ant0	5250_UNII-2A	-3.33	≤11.00	PASS
	Ant1	5250_UNII-2A	-2.55	≤9.79	PASS
	total	5250_UNII-2A	0.09	≤9.79	PASS
	Ant0	5570	-6.36	≤11.00	PASS
	Ant1	5570	-6.03	≤11.00	PASS
	total	5570	-3.18	≤9.79	PASS
11AX20MIMO	Ant0	5180	6.77	≤17.00	PASS

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	Ant1	5180	7.18	≤17.00	PASS
	total	5180	9.99	≤15.79	PASS
	Ant0	5200	7.14	≤17.00	PASS
	Ant1	5200	7.47	≤17.00	PASS
	total	5200	10.32	≤15.79	PASS
	Ant0	5240	6.73	≤17.00	PASS
	Ant1	5240	7.69	≤17.00	PASS
	total	5240	10.25	≤15.79	PASS
	Ant0	5260	5.69	≤11.00	PASS
	Ant1	5260	6.69	≤11.00	PASS
	total	5260	9.23	≤9.79	PASS
	Ant0	5280	5.83	≤11.00	PASS
	Ant1	5280	6.34	≤11.00	PASS
	total	5280	9.10	≤9.79	PASS
	Ant0	5320	5.69	≤11.00	PASS
	Ant1	5320	6.1	≤11.00	PASS
	total	5320	8.91	≤9.79	PASS
	Ant0	5500	5.51	≤11.00	PASS
	Ant1	5500	6.74	≤11.00	PASS
	total	5500	9.18	≤9.79	PASS
	Ant0	5580	6.52	≤11.00	PASS
	Ant1	5580	6.85	≤11.00	PASS
	total	5580	9.70	≤9.79	PASS
	Ant0	5700	6.35	≤11.00	PASS
	Ant1	5700	6.74	≤11.00	PASS
	total	5700	9.56	≤9.79	PASS
	Ant0	5720_UNII-2C	5.25	≤11.00	PASS
	Ant1	5720_UNII-2C	5.93	≤11.00	PASS
	total	5720_UNII-2C	8.61	≤9.79	PASS
	Ant0	5720_UNII-3	1.85	≤30.00	PASS
	Ant1	5720_UNII-3	2	≤28.79	PASS
	total	5720_UNII-3	4.94	≤9.79	PASS
	Ant0	5745	3.16	≤30.00	PASS
	Ant1	5745	3.73	≤30.00	PASS
	total	5745	6.46	≤28.79	PASS
	Ant0	5785	3.63	≤30.00	PASS
	Ant1	5785	3.66	≤30.00	PASS
	total	5785	6.66	≤28.79	PASS
	Ant0	5825	3.75	≤30.00	PASS
	Ant1	5825	3.98	≤30.00	PASS
	total	5825	6.88	≤28.79	PASS
11AX40MIMO	Ant0	5190	4.75	≤17.00	PASS
	Ant1	5190	4.54	≤17.00	PASS
	total	5190	7.66	≤15.79	PASS
	Ant0	5230	5.22	≤17.00	PASS
	Ant1	5230	4.72	≤17.00	PASS
	total	5230	7.99	≤15.79	PASS
	Ant0	5270	5	≤11.00	PASS
	Ant1	5270	4.69	≤11.00	PASS
	total	5270	7.86	≤9.79	PASS
	Ant0	5310	4.74	≤11.00	PASS
	Ant1	5310	4.18	≤11.00	PASS
	total	5310	7.48	≤9.79	PASS
	Ant0	5510	3.97	≤11.00	PASS
	Ant1	5510	3.79	≤11.00	PASS
	total	5510	6.89	≤9.79	PASS
	Ant0	5550	3.91	≤11.00	PASS
	Ant1	5550	3.75	≤11.00	PASS
	total	5550	6.84	≤9.79	PASS
	Ant0	5670	4.04	≤11.00	PASS
	Ant1	5670	3.25	≤11.00	PASS
	total	5670	6.67	≤9.79	PASS
	Ant0	5710_UNII-2C	4.02	≤11.00	PASS
	Ant1	5710_UNII-2C	2.65	≤11.00	PASS
	total	5710_UNII-2C	6.40	≤9.79	PASS
	Ant0	5710_UNII-3	-0.88	≤30.00	PASS
	Ant1	5710_UNII-3	-3.15	≤28.79	PASS
	total	5710_UNII-3	1.14	≤9.79	PASS
	Ant0	5755	1.04	≤30.00	PASS
	Ant1	5755	-0.59	≤30.00	PASS

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	total	5755	3.31	≤28.79	PASS
	Ant0	5795	1.25	≤30.00	PASS
	Ant1	5795	-0.38	≤30.00	PASS
	total	5795	3.52	≤28.79	PASS
11AX80MIMO	Ant0	5210	1.98	≤17.00	PASS
	Ant1	5210	1.01	≤17.00	PASS
	total	5210	4.53	≤15.79	PASS
	Ant0	5290	1.84	≤11.00	PASS
	Ant1	5290	2.07	≤11.00	PASS
	total	5290	4.97	≤9.79	PASS
	Ant0	5530	1.9	≤11.00	PASS
	Ant1	5530	2.26	≤11.00	PASS
	total	5530	5.09	≤9.79	PASS
	Ant0	5610	1.95	≤11.00	PASS
	Ant1	5610	1.82	≤11.00	PASS
	total	5610	4.90	≤9.79	PASS
	Ant0	5690_UNII-2C	1.65	≤11.00	PASS
	Ant1	5690_UNII-2C	1.6	≤11.00	PASS
	total	5690_UNII-2C	4.64	≤9.79	PASS
	Ant0	5690_UNII-3	-4.16	≤30.00	PASS
	Ant1	5690_UNII-3	-4.69	≤28.79	PASS
	total	5690_UNII-3	-1.41	≤9.79	PASS
	Ant0	5775	-1.86	≤30.00	PASS
	Ant1	5775	-1.2	≤30.00	PASS
	total	5775	1.49	≤28.79	PASS
11AX160MIMO	Ant0	5250_UNII-1	-3.12	≤11.00	PASS
	Ant1	5250_UNII-1	-2.64	≤11.00	PASS
	total	5250_UNII-1	0.14	≤9.79	PASS
	Ant0	5250_UNII-2A	-3.02	≤11.00	PASS
	Ant1	5250_UNII-2A	-2.79	≤9.79	PASS
	total	5250_UNII-2A	0.11	≤9.79	PASS
	Ant0	5570	-5.68	≤11.00	PASS
	Ant1	5570	-5.6	≤11.00	PASS
	total	5570	-2.63	≤9.79	PASS

Note：1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

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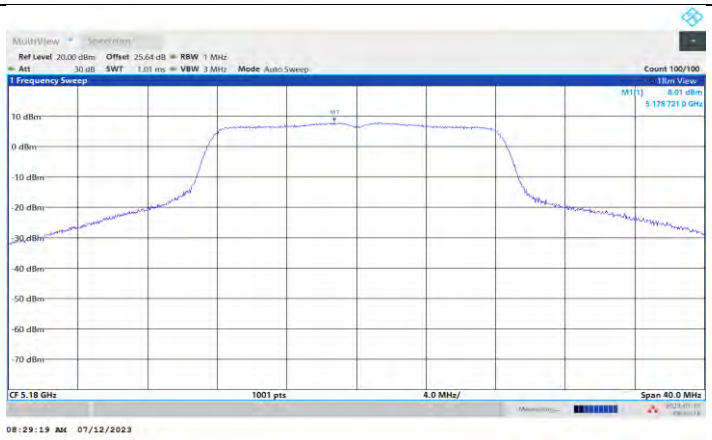
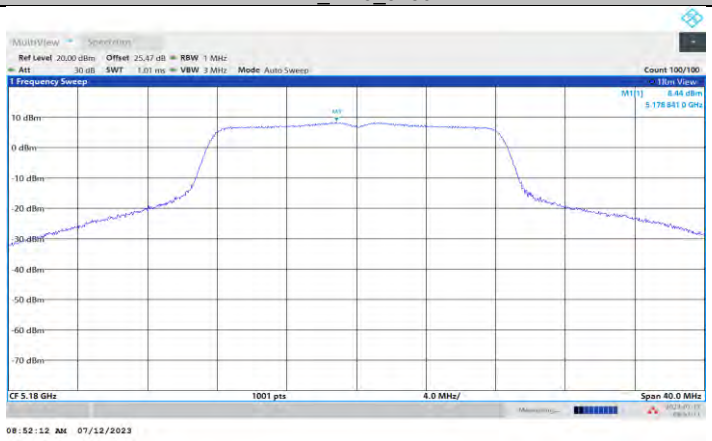
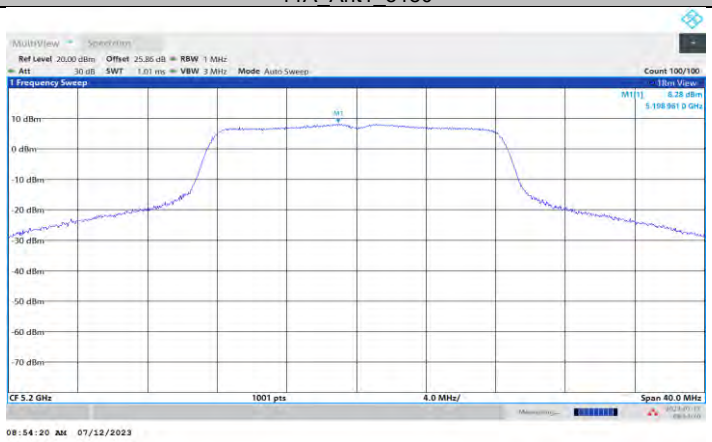
11.5.2. Test Graphs



11A_Ant0_5180



11A_Ant1_5180



11A_Ant0_5200

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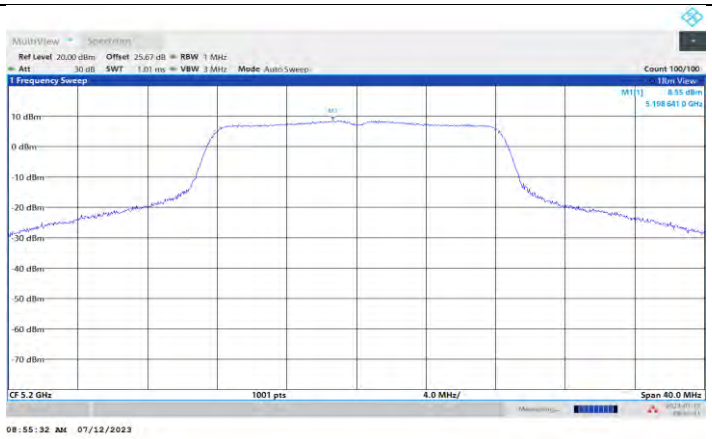
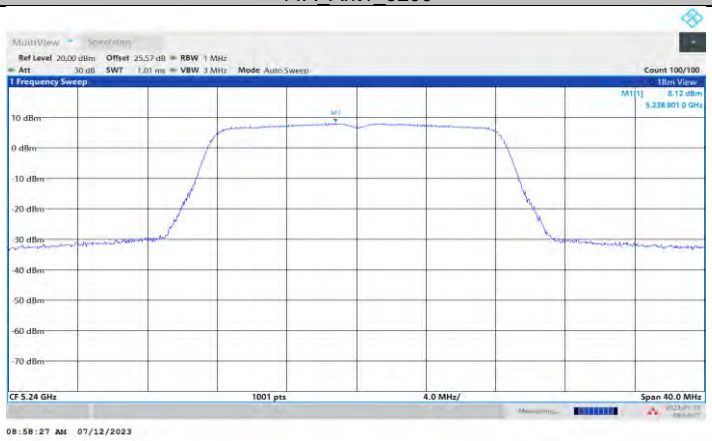
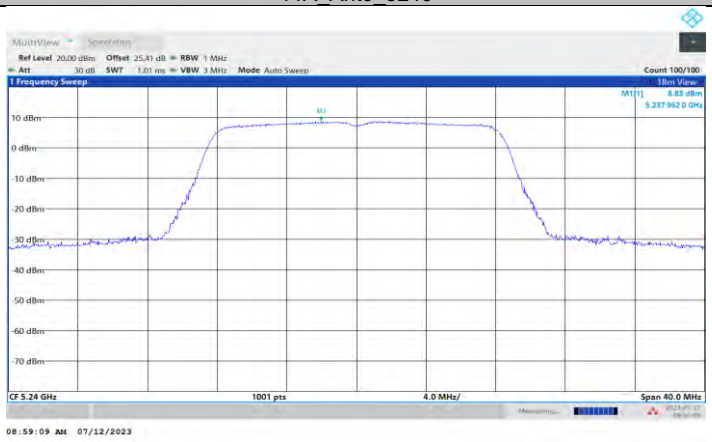


11A_Ant1_5200



11A_Ant0_5240



11A_Ant1_5240

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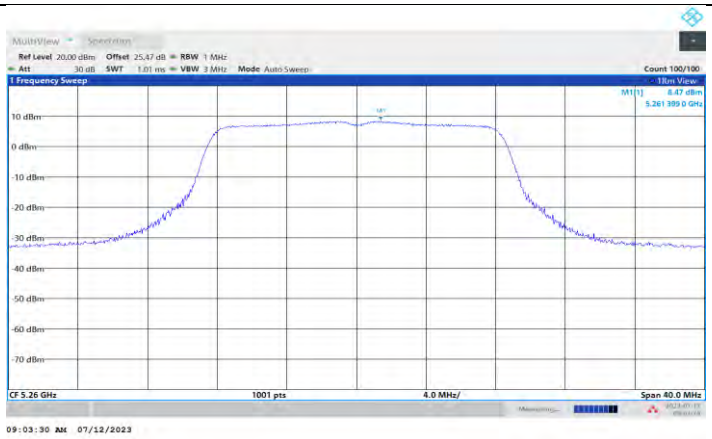
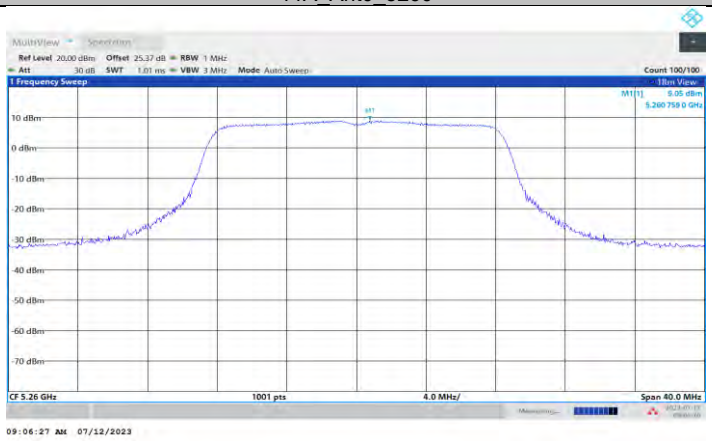
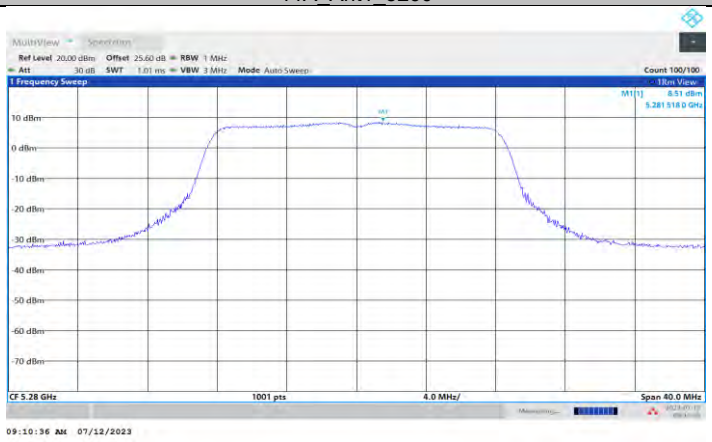


11A_Ant0_5260



11A_Ant1_5260



11A_Ant0_5280

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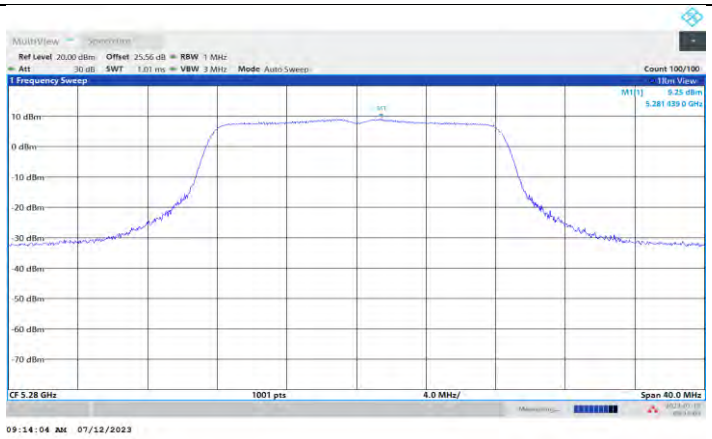
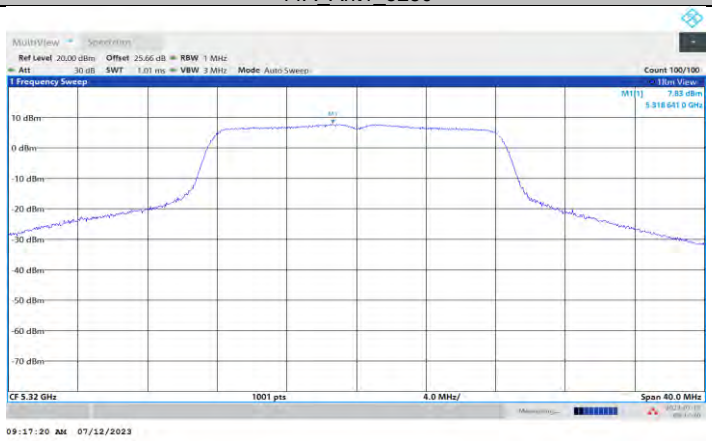
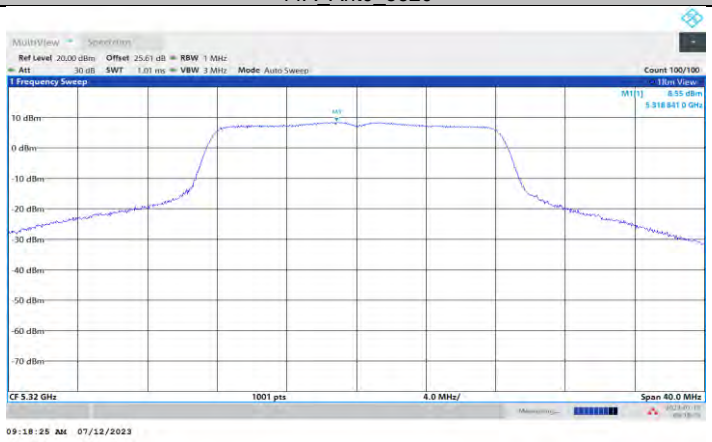


11A_Ant1_5280



11A_Ant0_5320



11A_Ant1_5320

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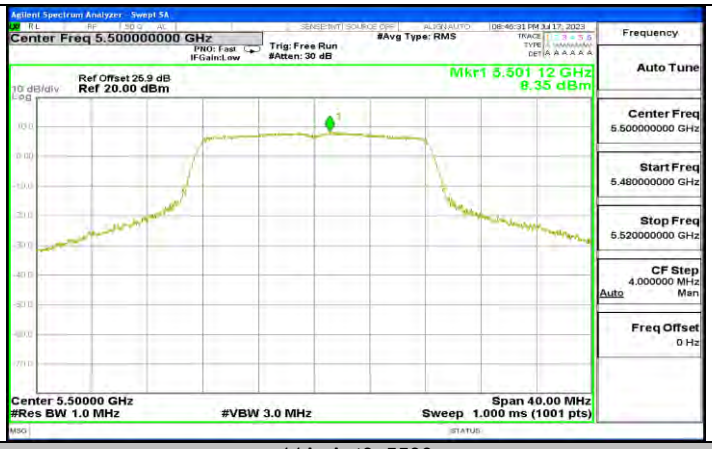
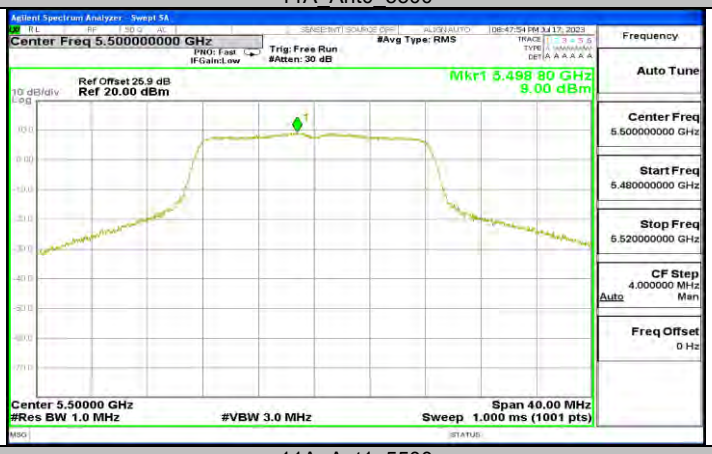
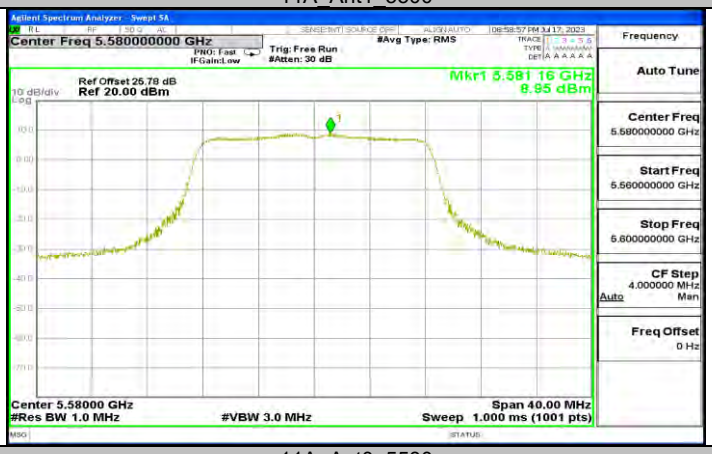


11A_Ant0_5500



11A_Ant1_5500



11A_Ant0_5580

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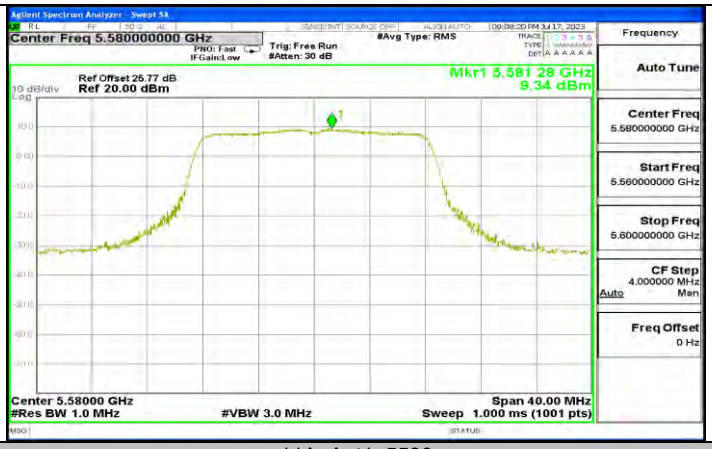
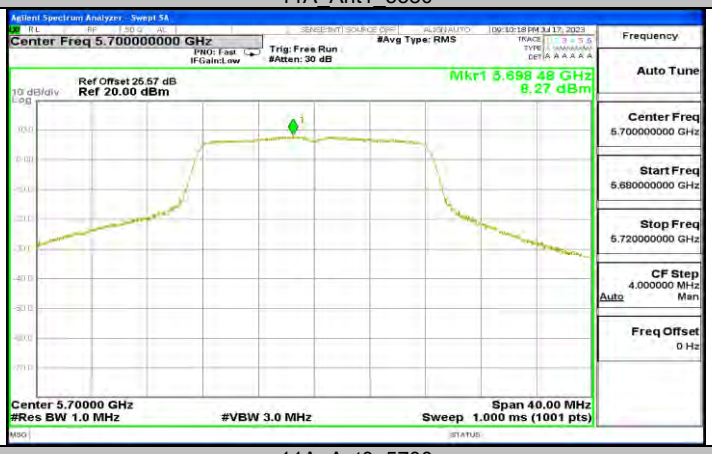


11A_Ant1_5580



11A_Ant0_5700

11A_Ant1_5700

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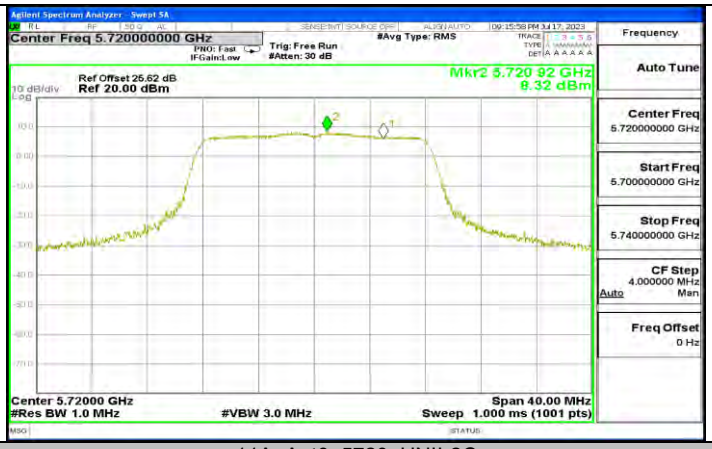
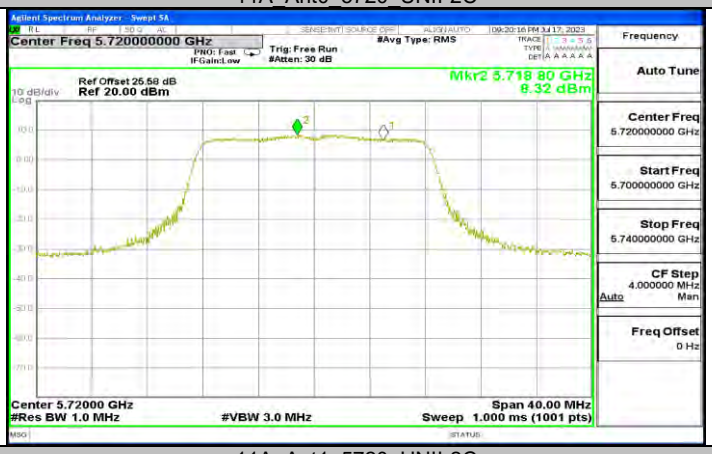


11A_Ant0_5720_UNII-2C



11A_Ant1_5720_UNII-2C

11A_Ant0_5720_UNII-3

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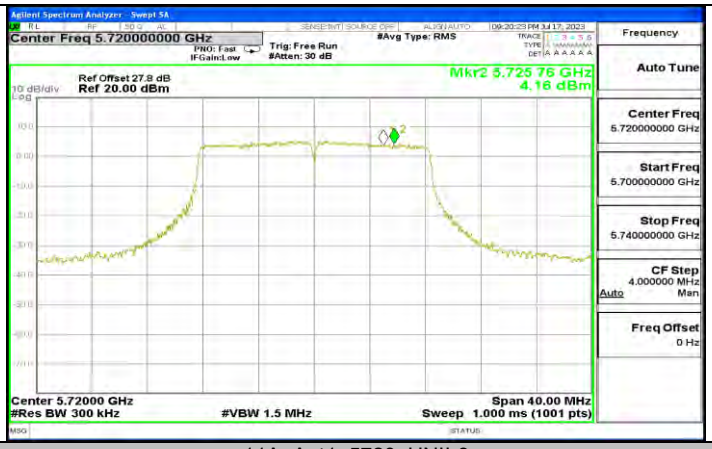
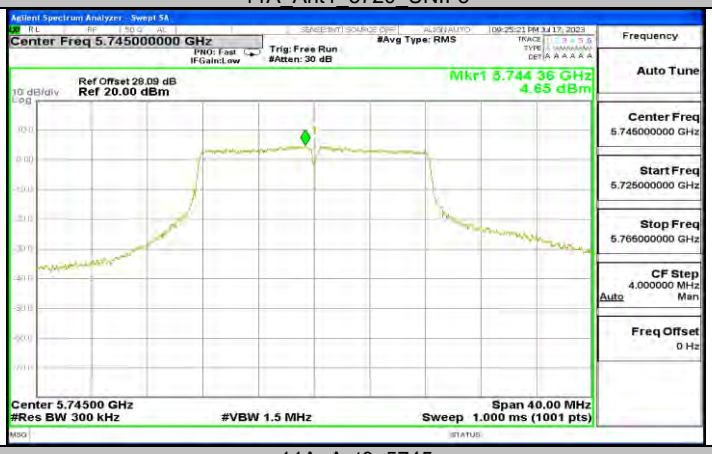


11A_Ant1_5720_UNII-3



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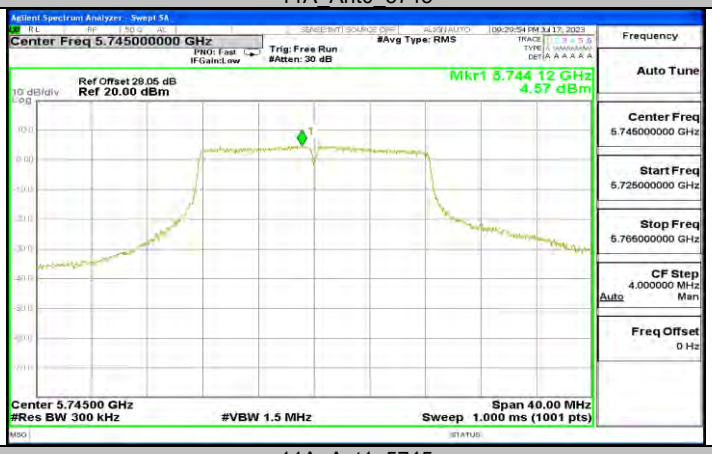

11A_Ant1_5745

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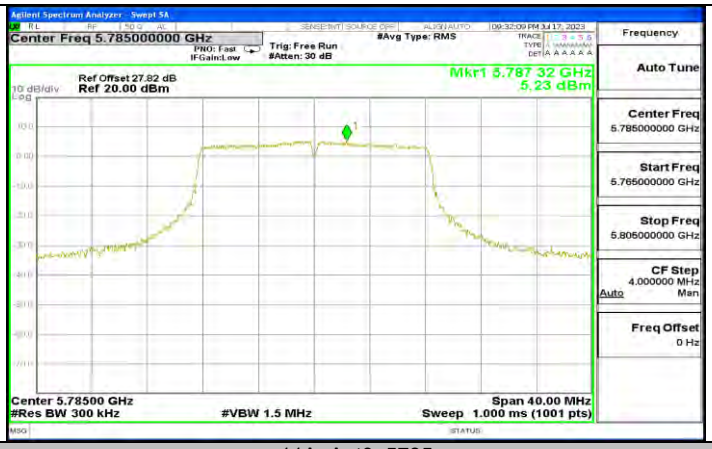

11A_Ant0_5785

11A_Ant1_5785

11A_Ant0_5825

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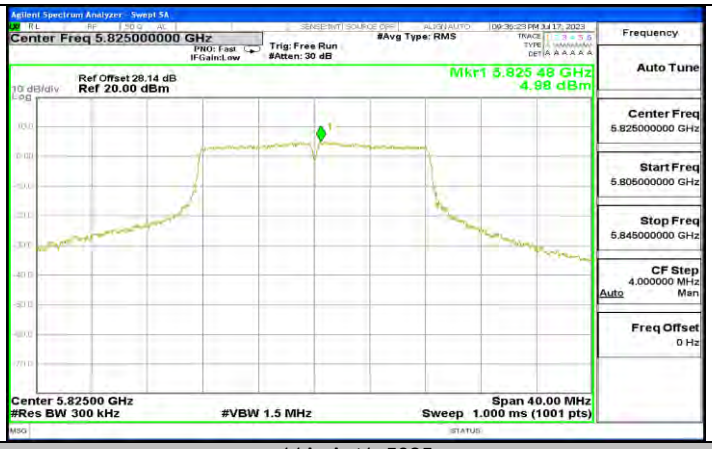
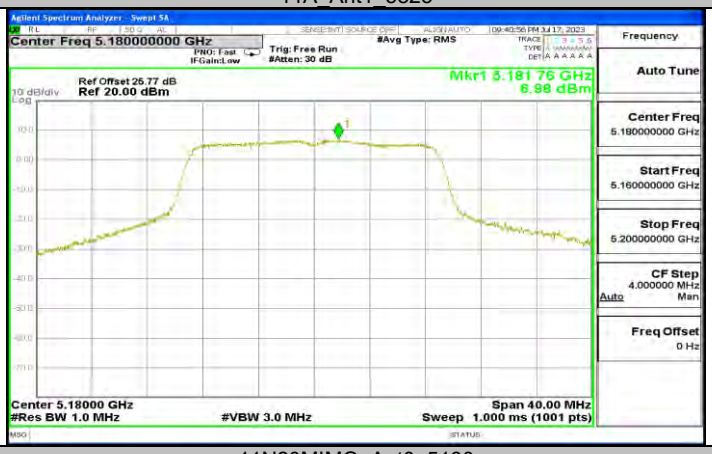
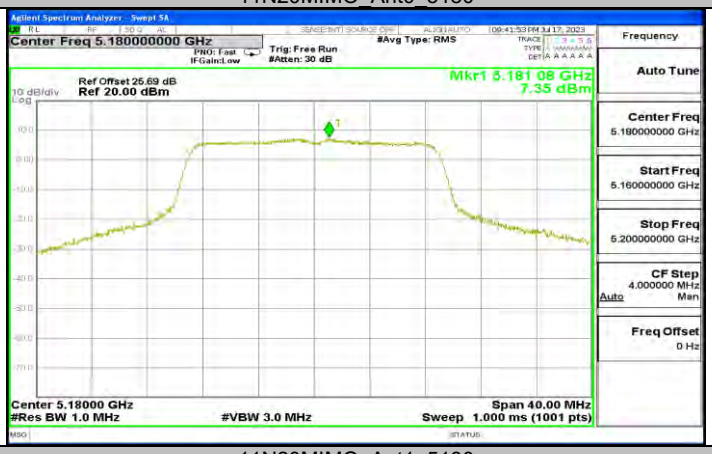


11A_Ant1_5825



11N20MIMO_Ant0_5180



11N20MIMO_Ant1_5180

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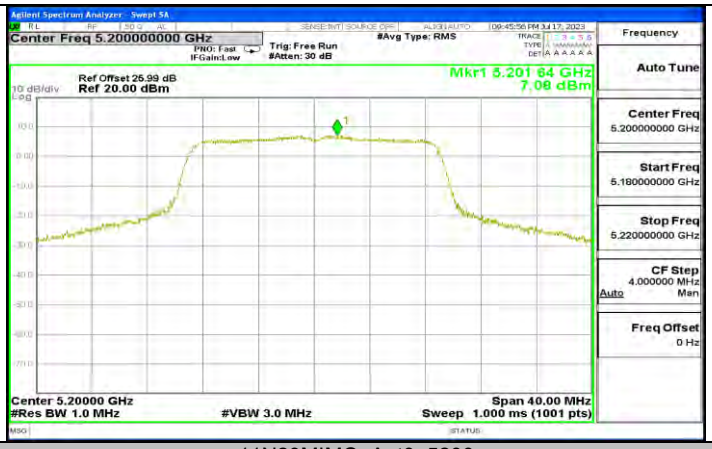
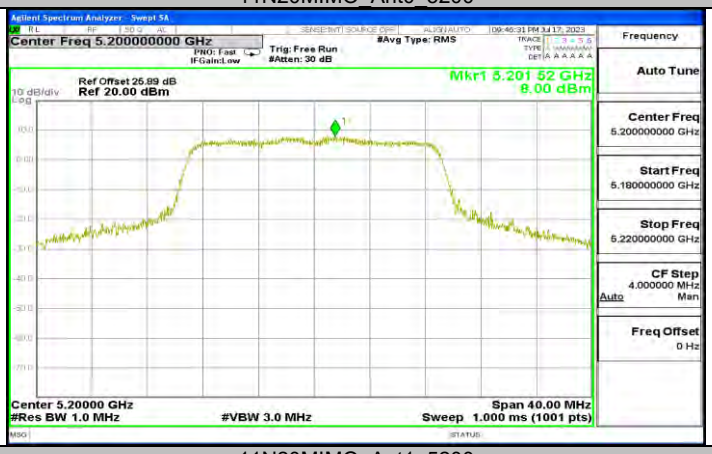
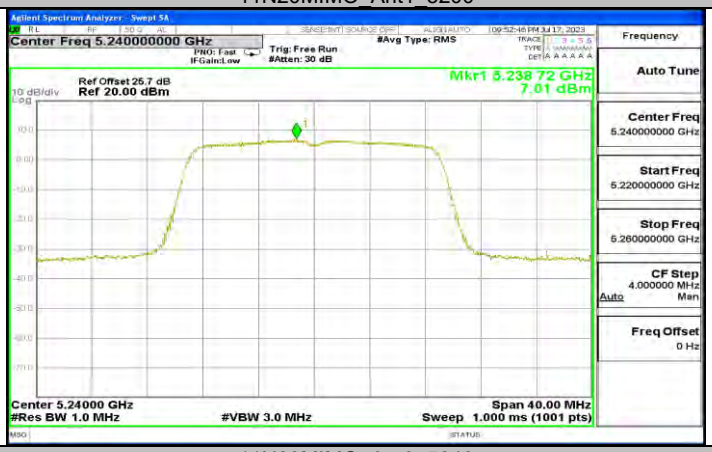


11N20MIMO_Ant0_5200



11N20MIMO_Ant1_5200



11N20MIMO_Ant0_5240

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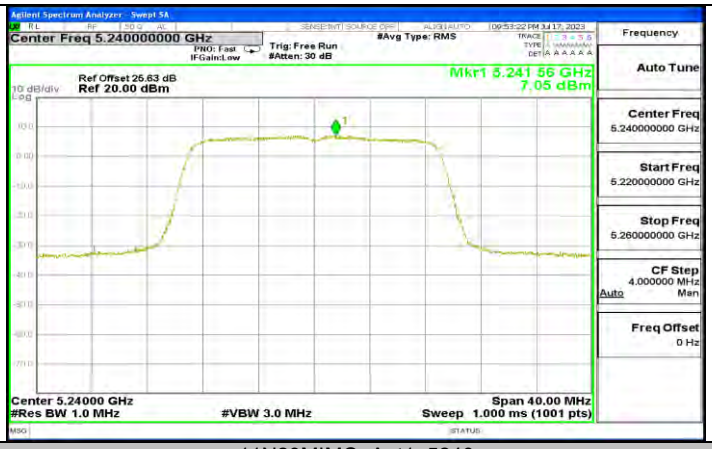

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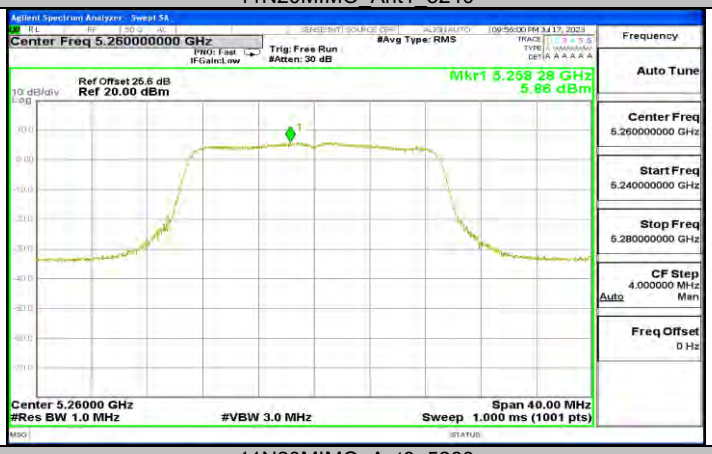

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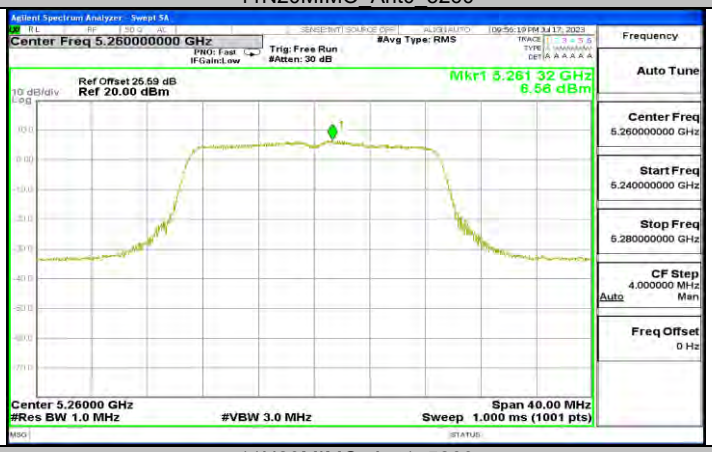

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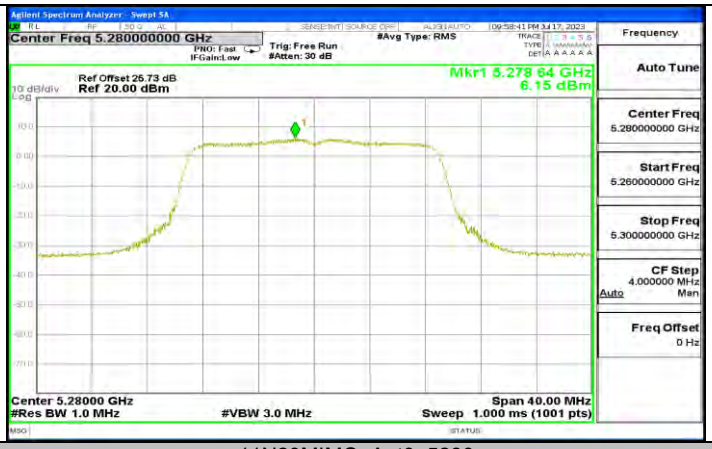

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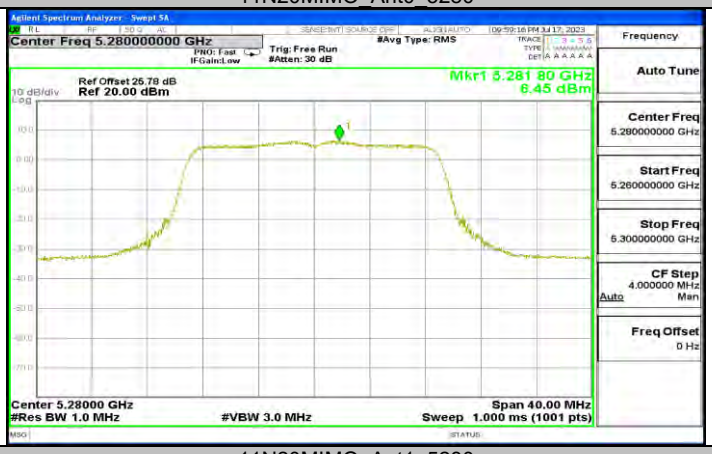

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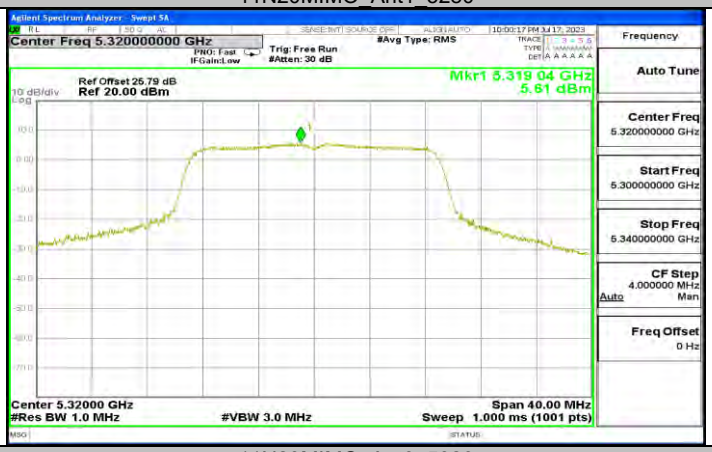

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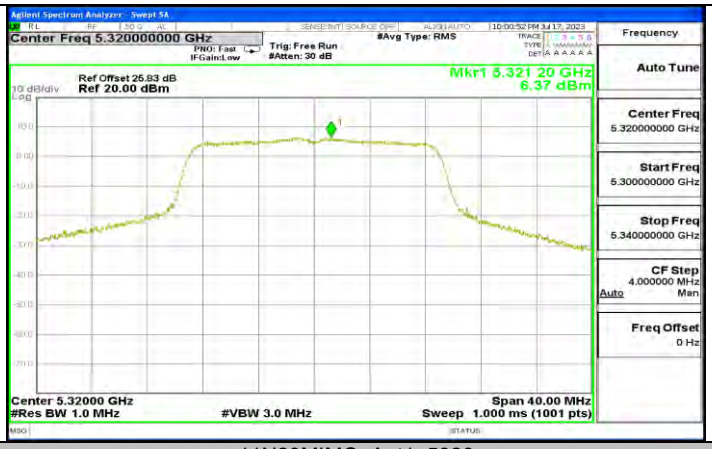

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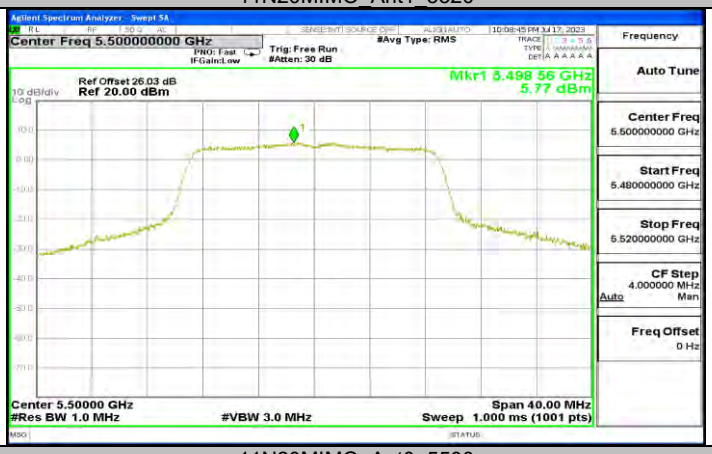

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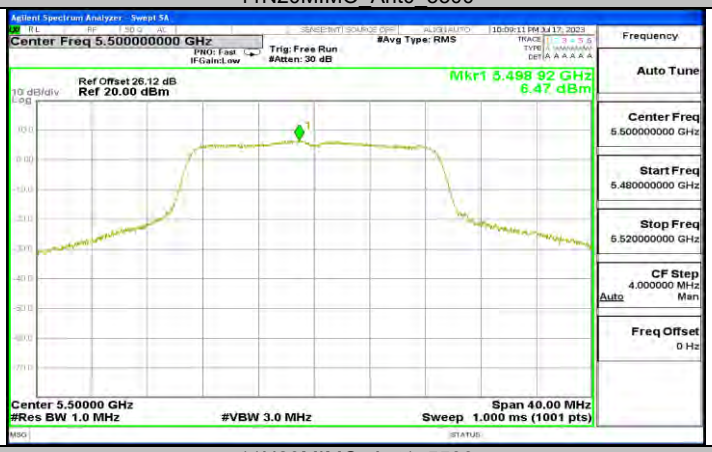

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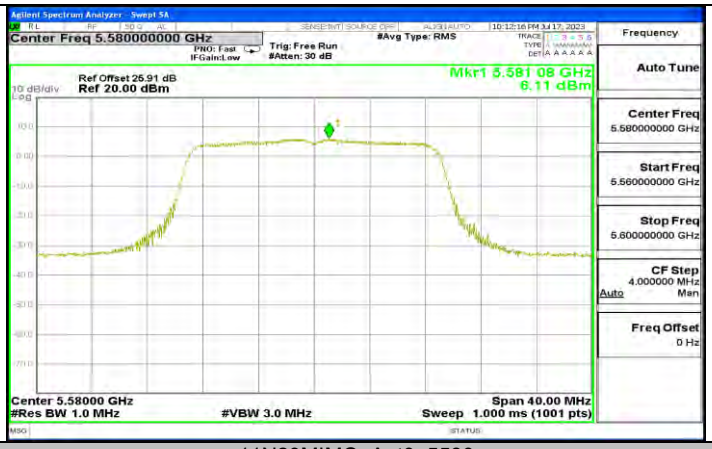

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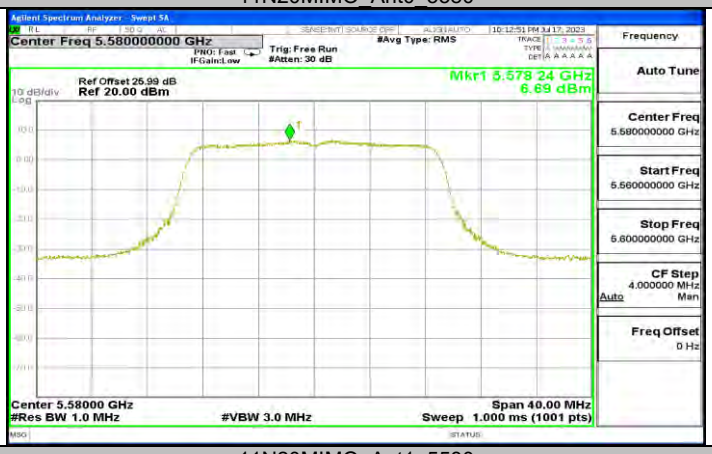

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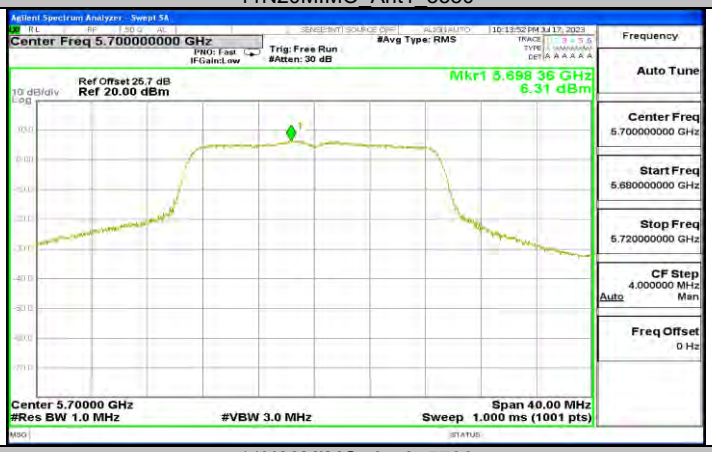

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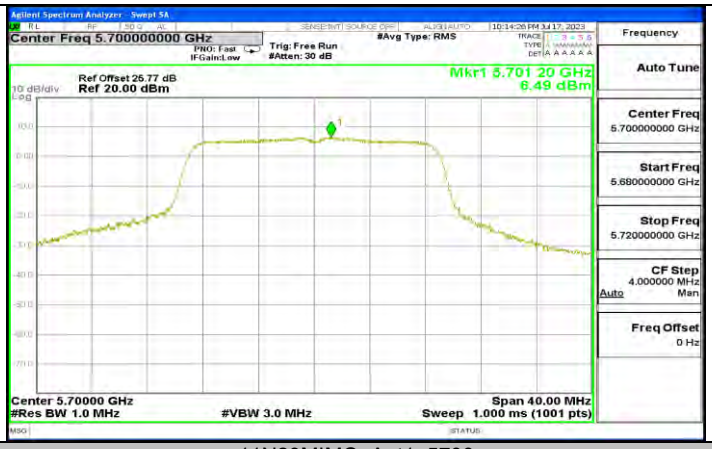

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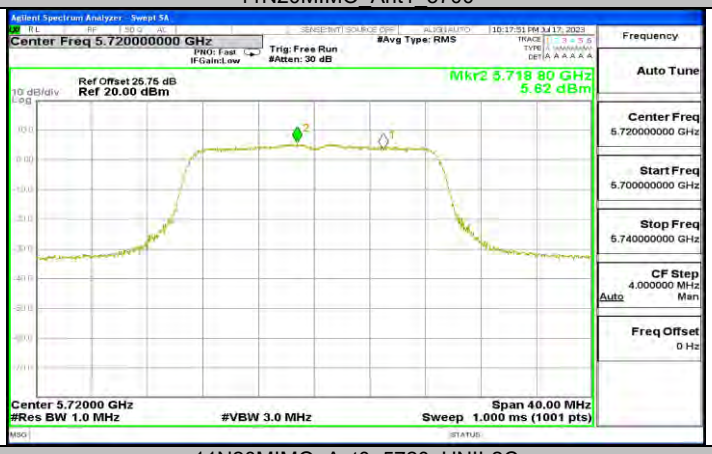

11N20MIMO_Ant0_5720_UNII-2C

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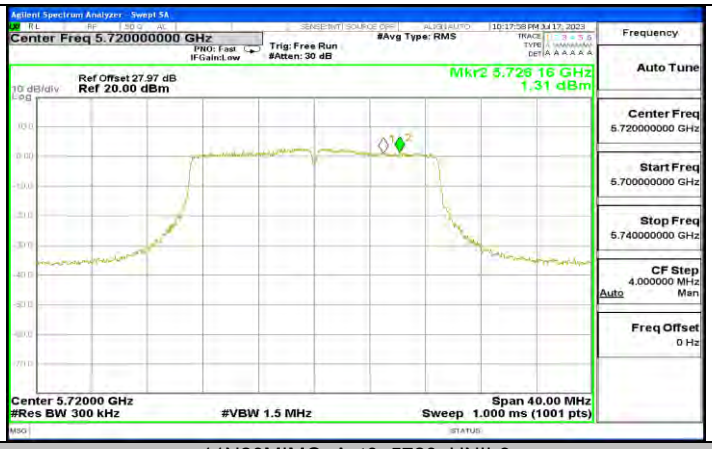

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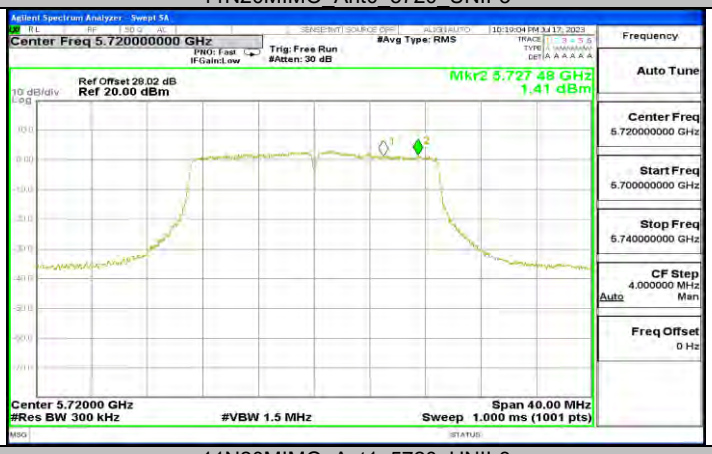

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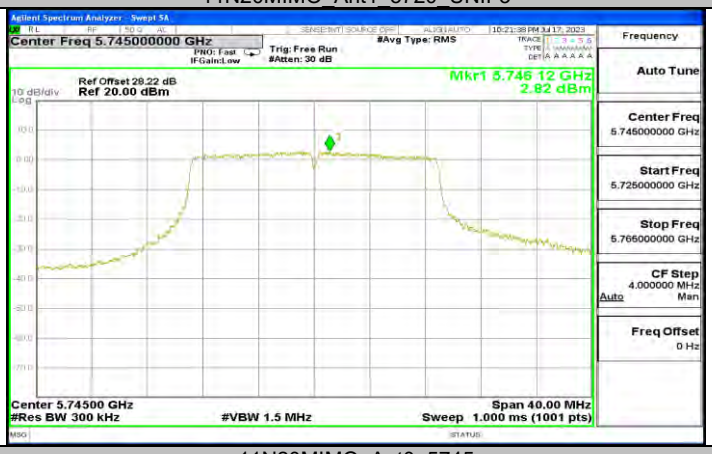

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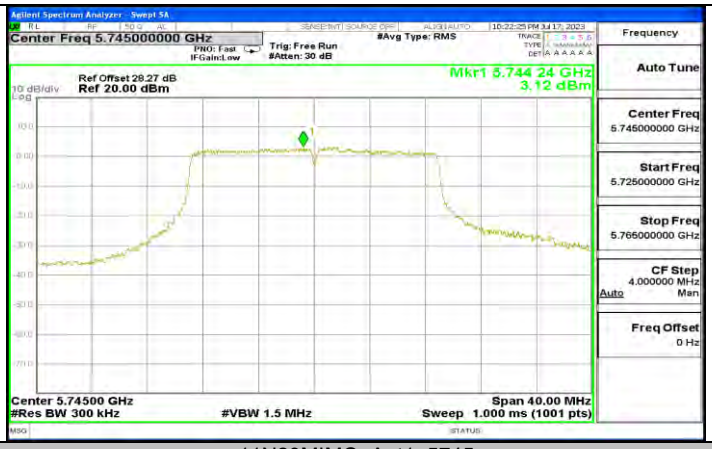

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11N20MIMO_Ant0_5785

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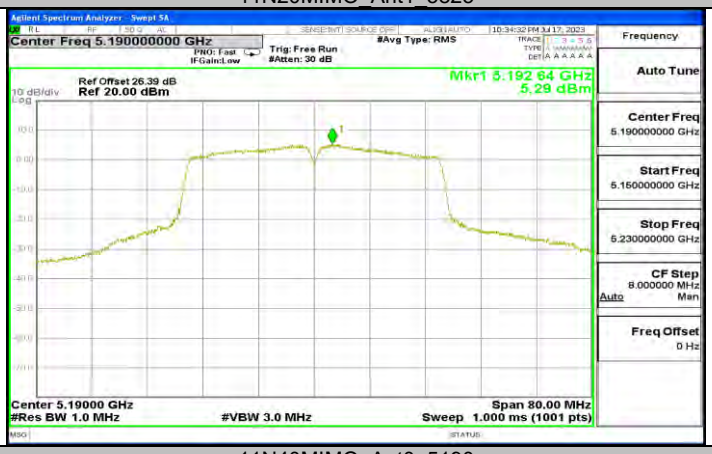

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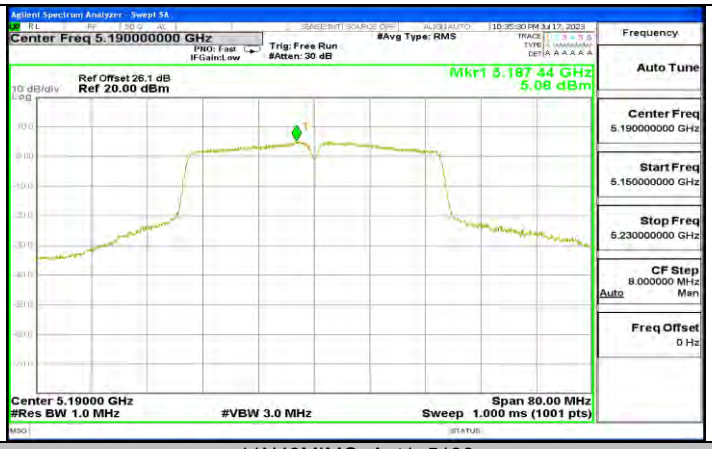

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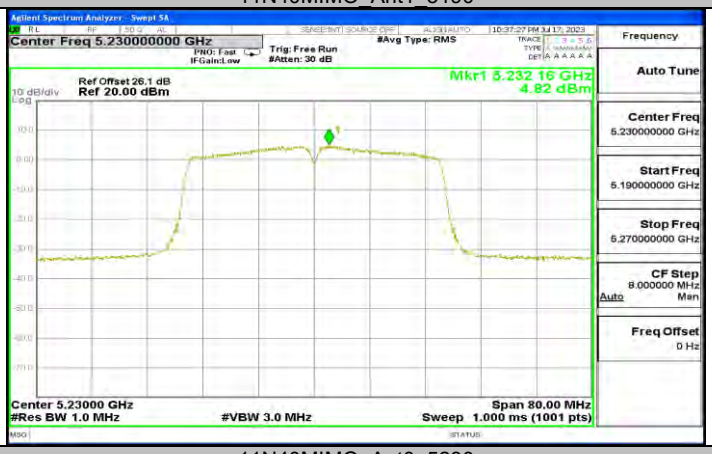

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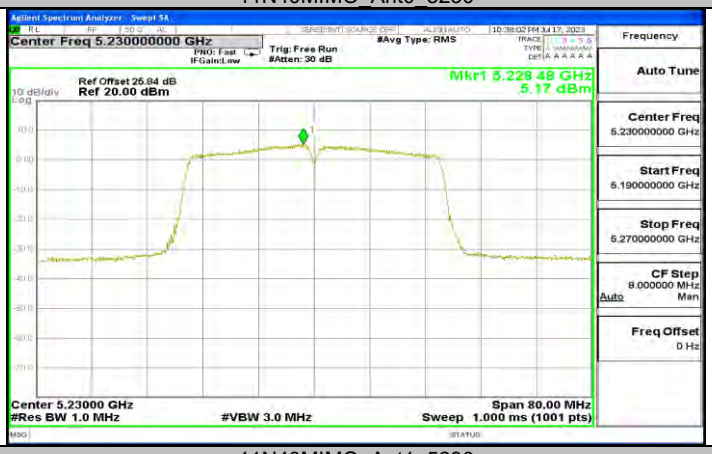

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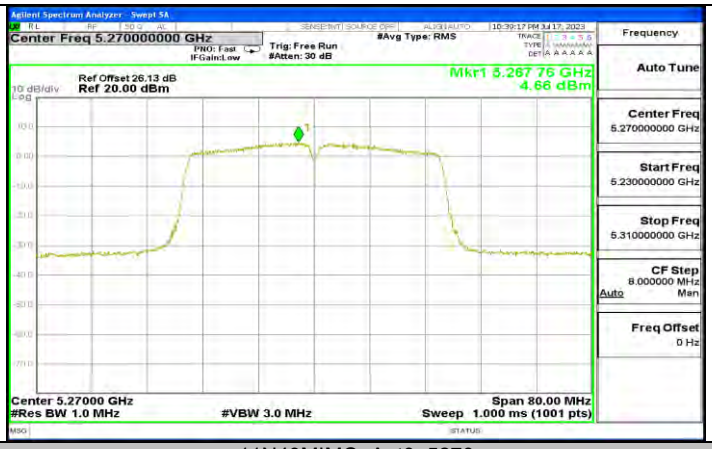

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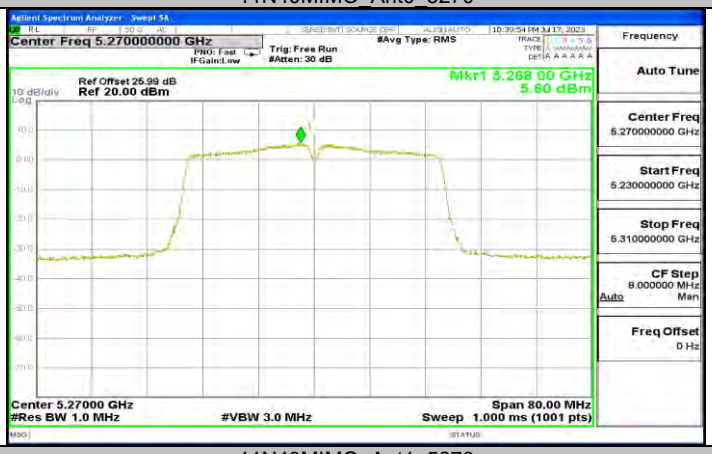

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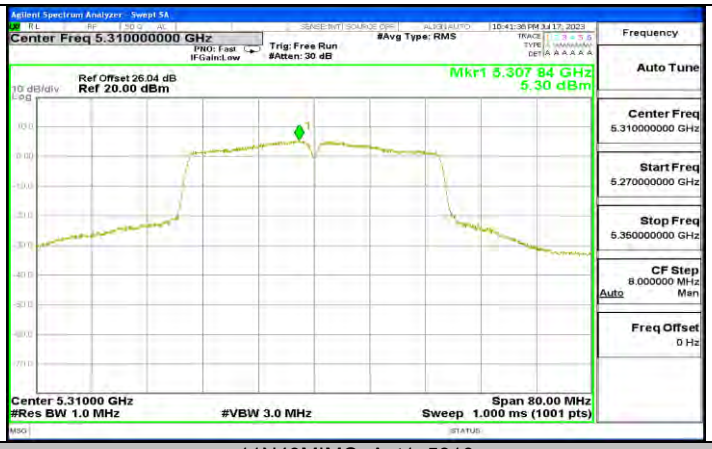

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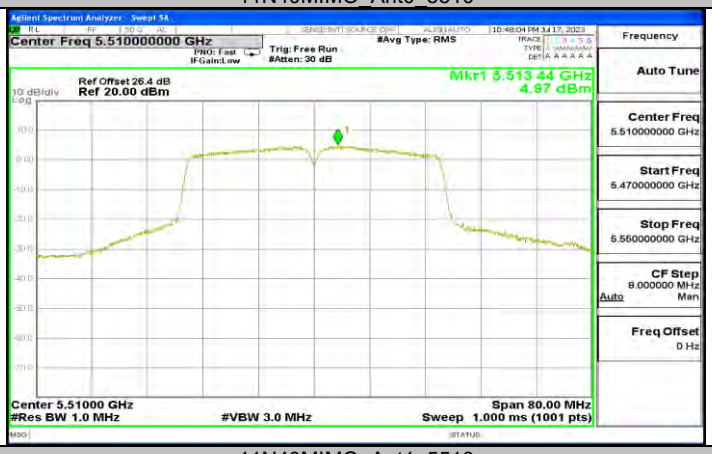

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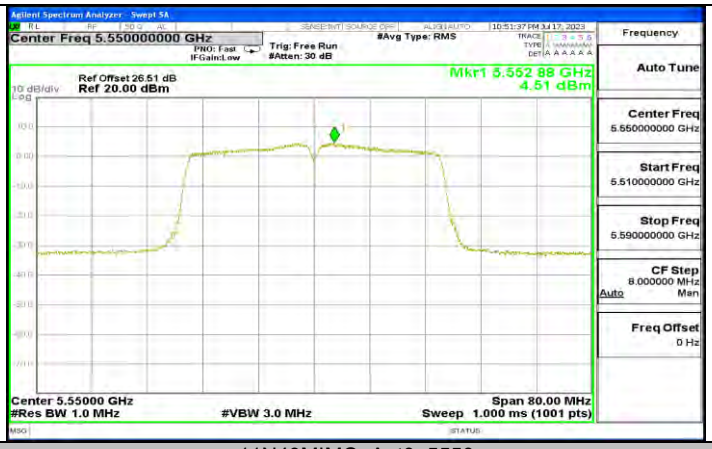

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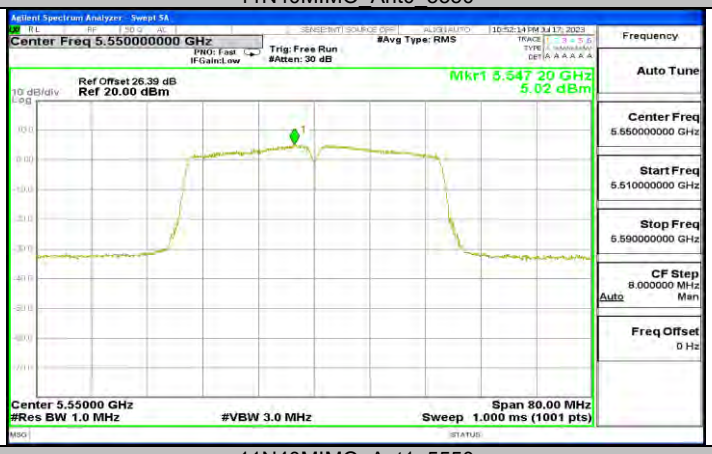

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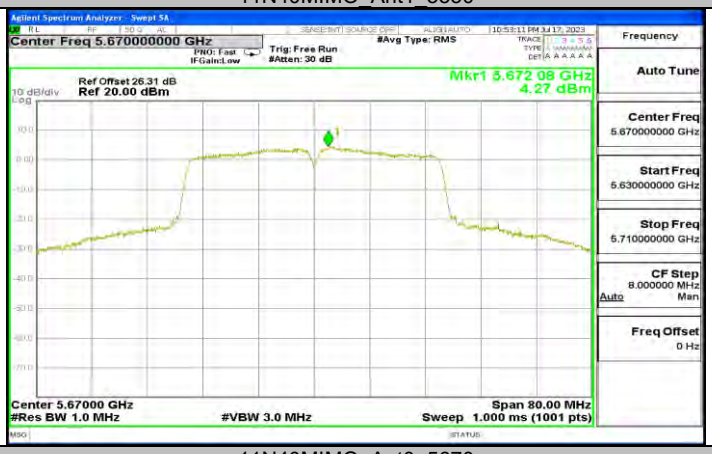

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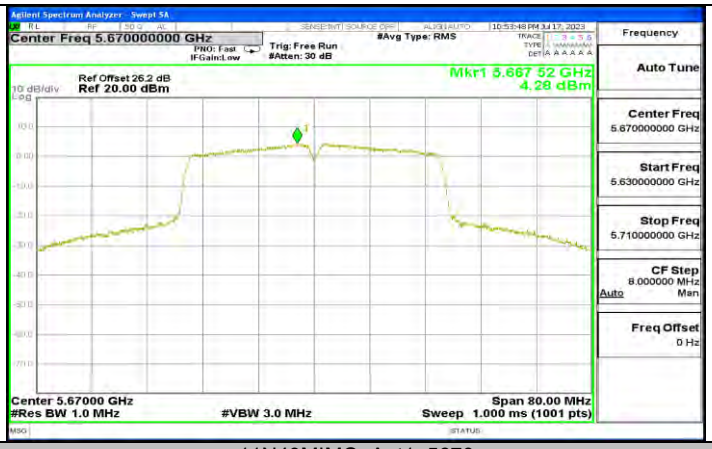

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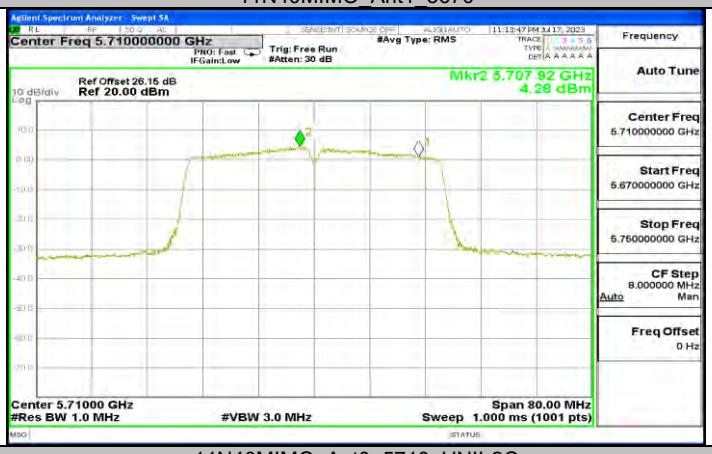

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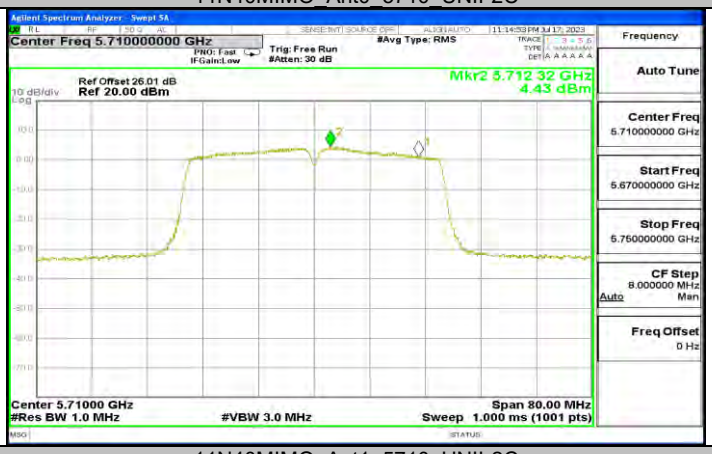

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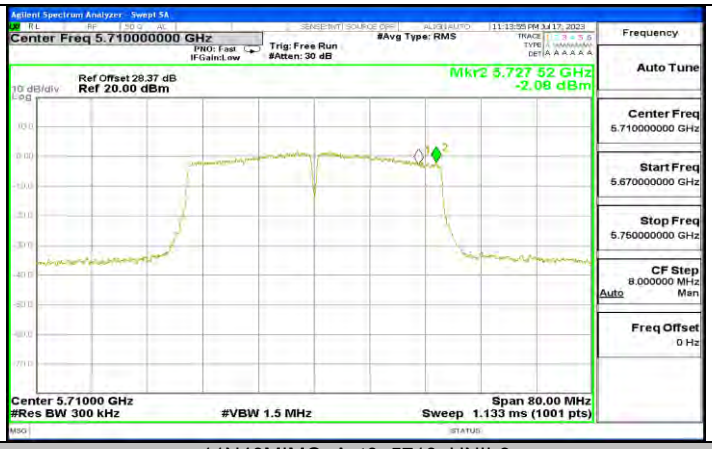

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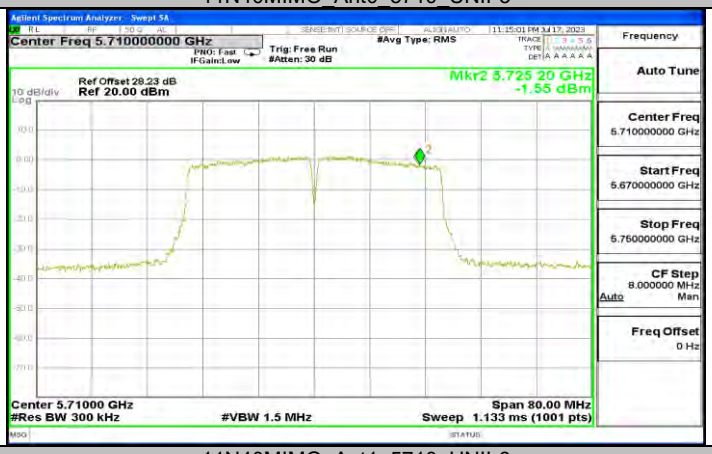

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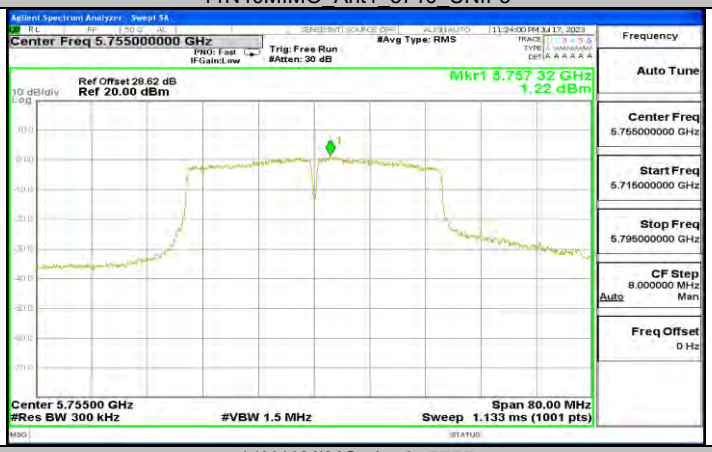

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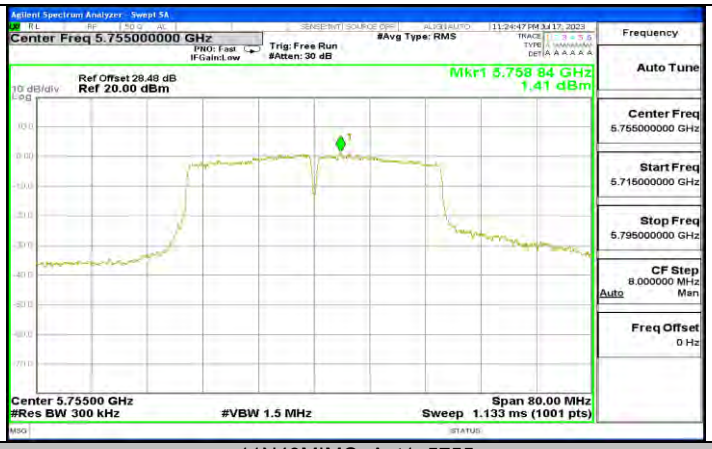

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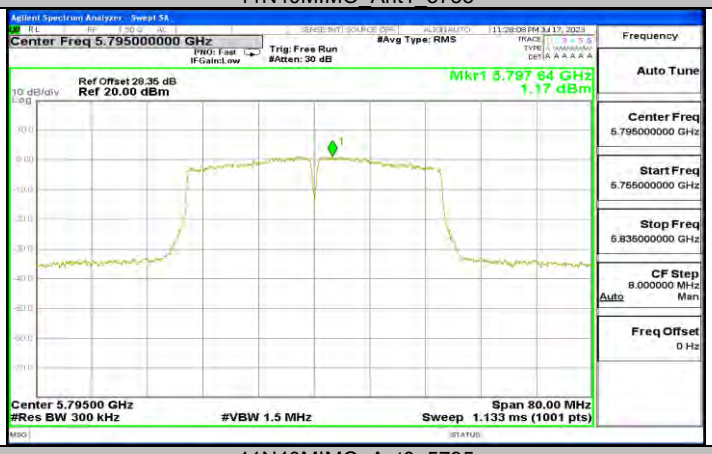

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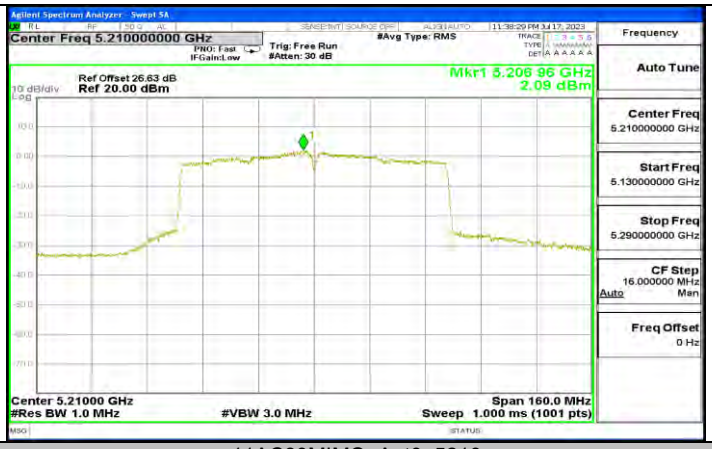

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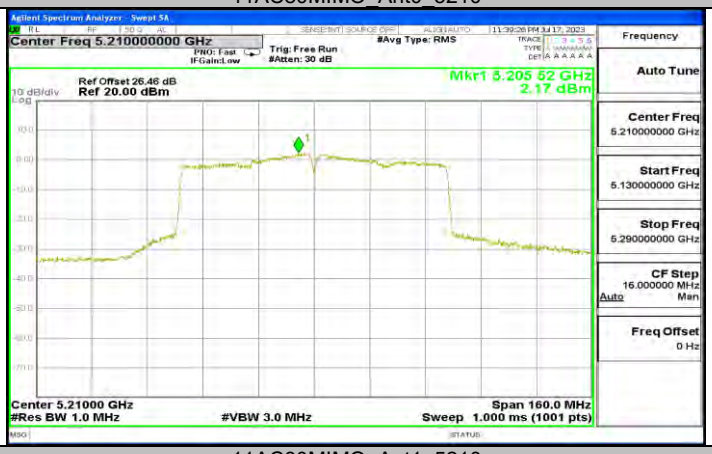

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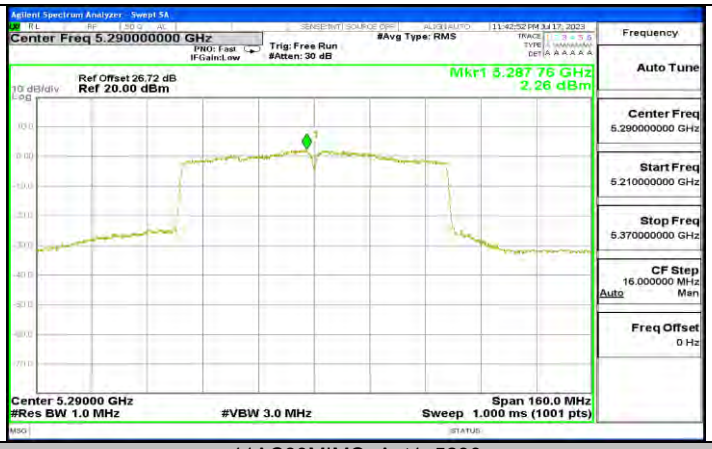

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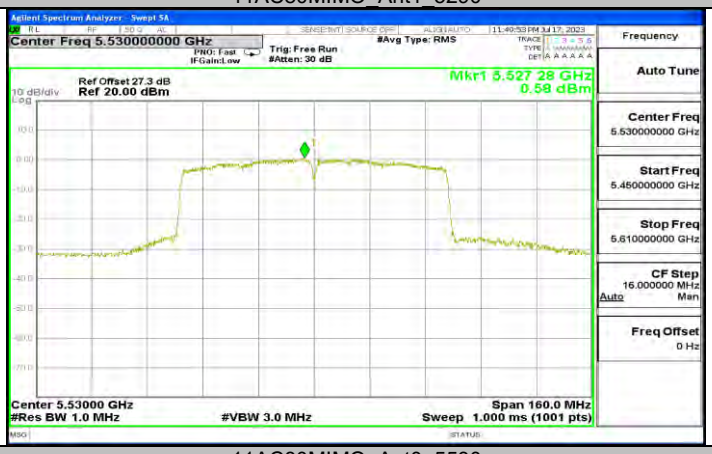

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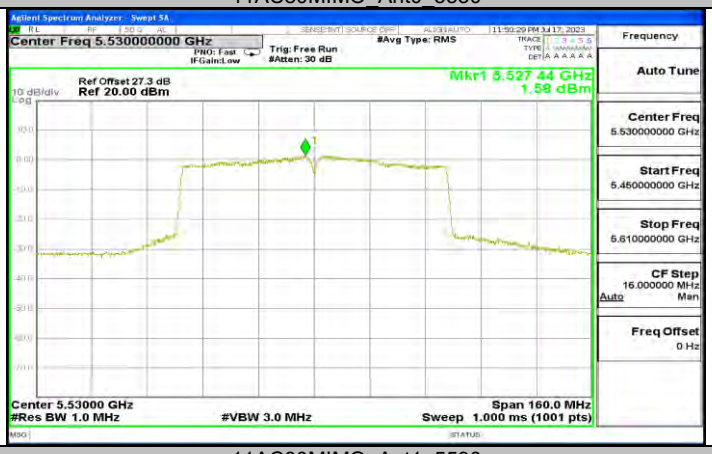

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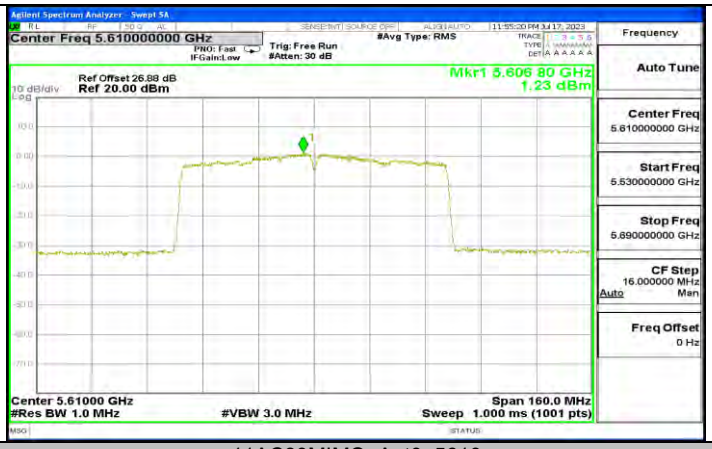

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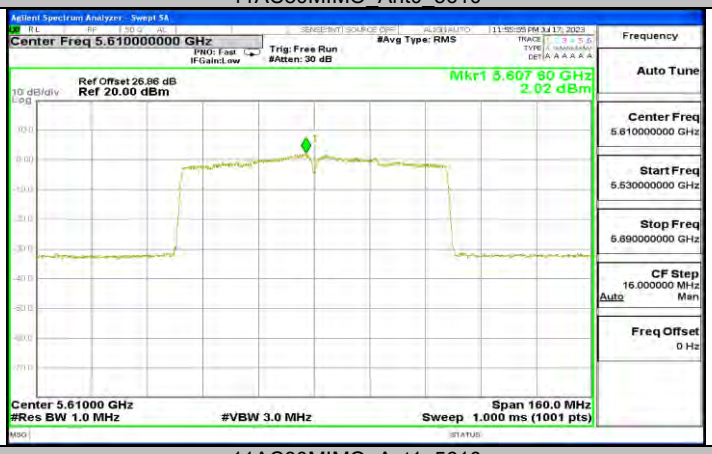

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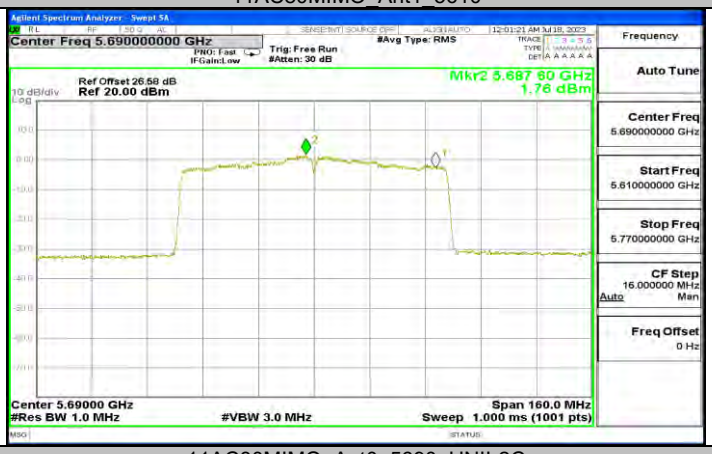

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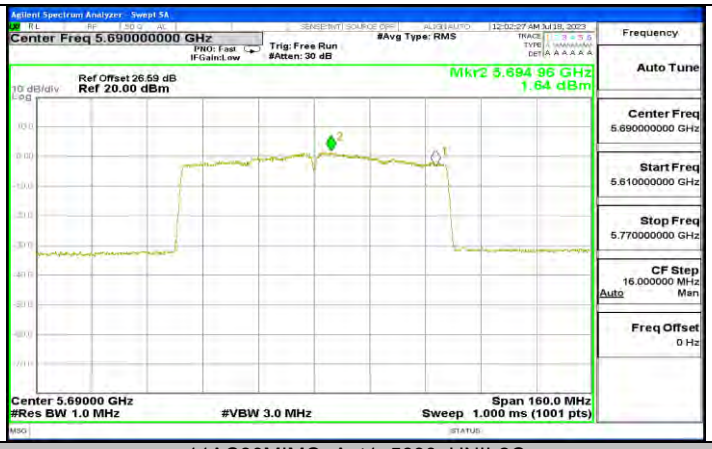

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11AC80MIMO_Ant0_5690_UNII-3

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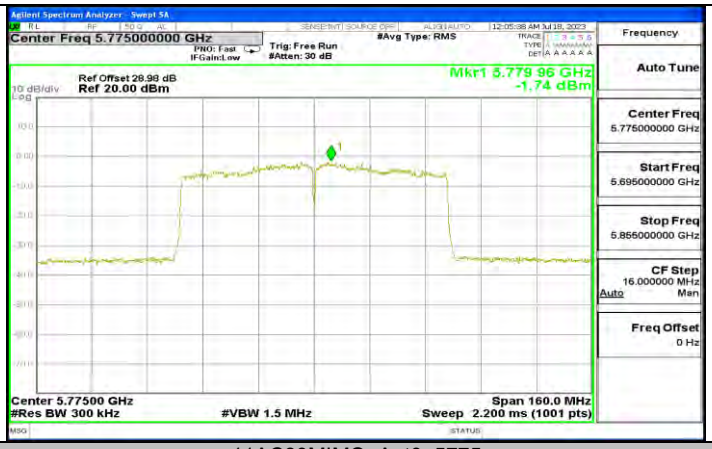

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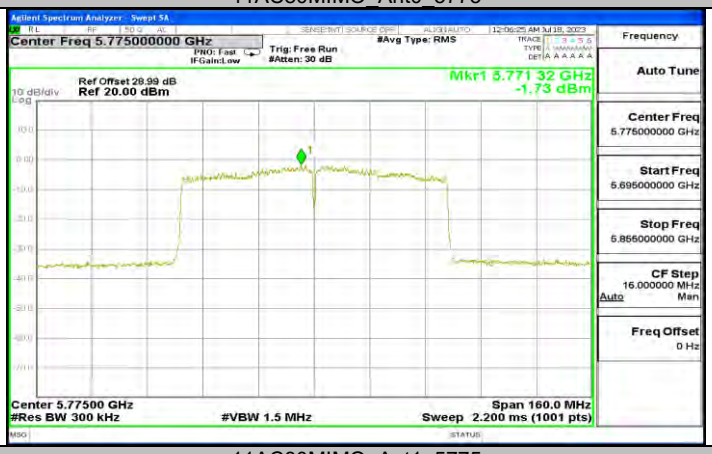

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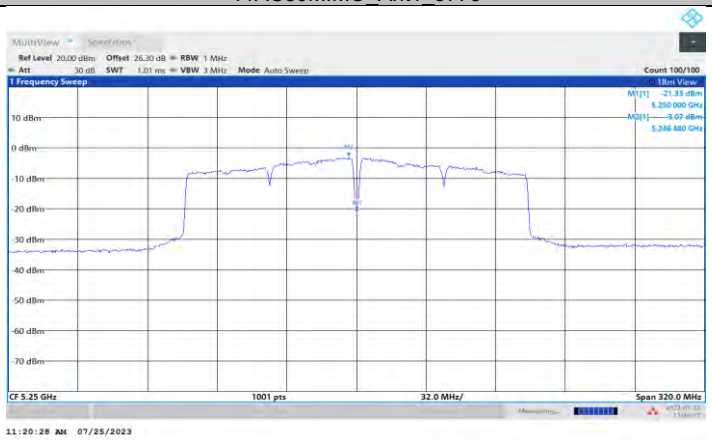

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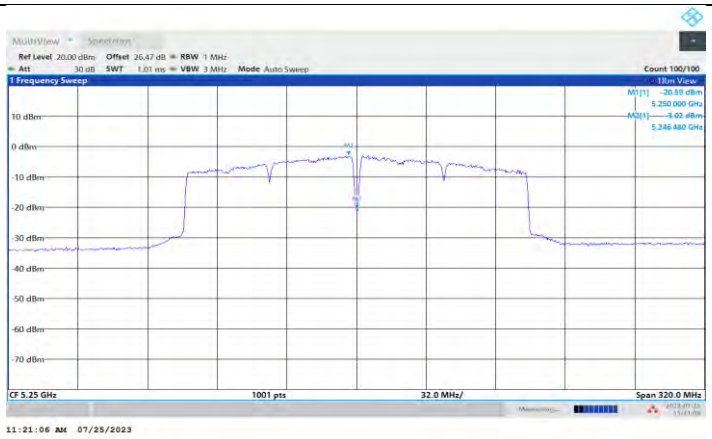

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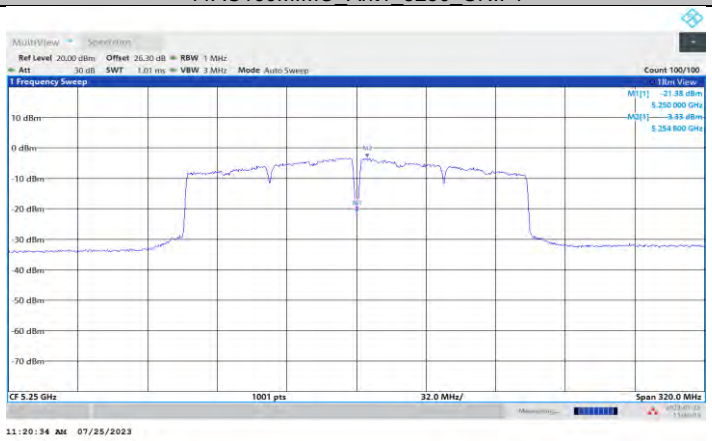

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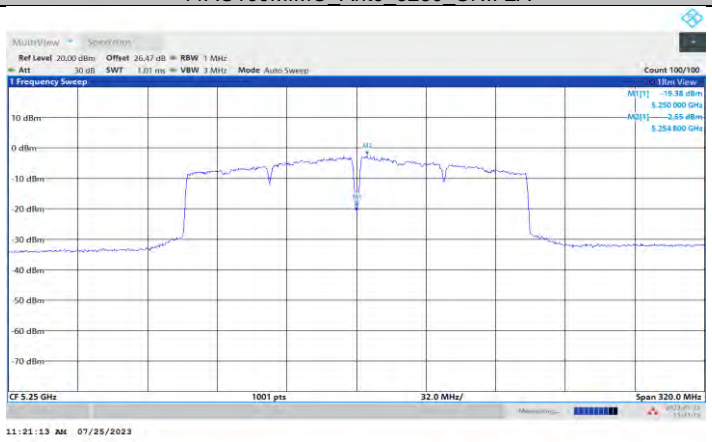

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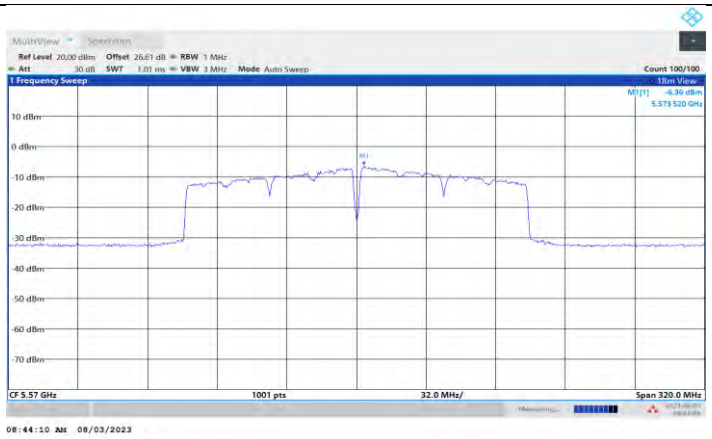

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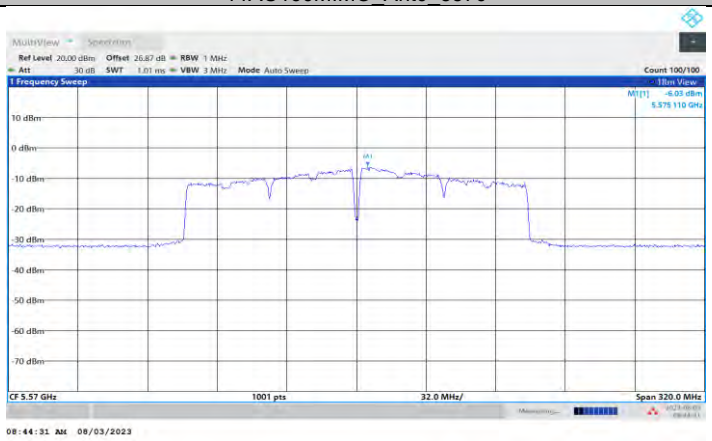

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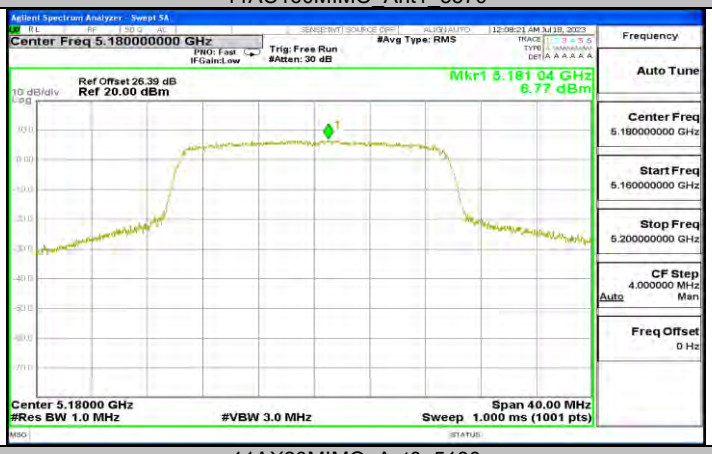

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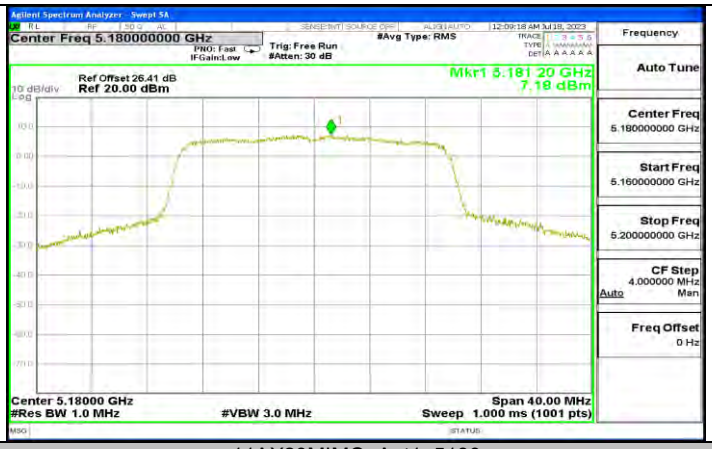

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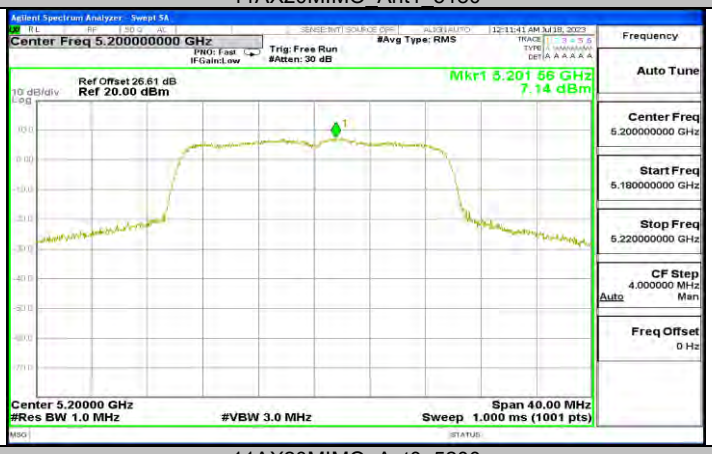

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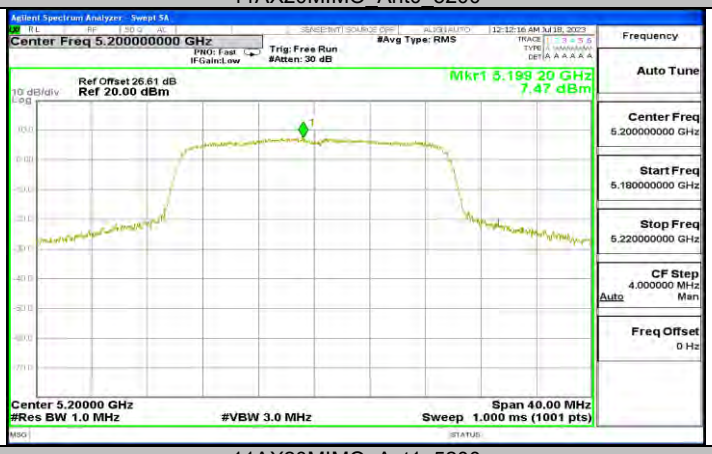

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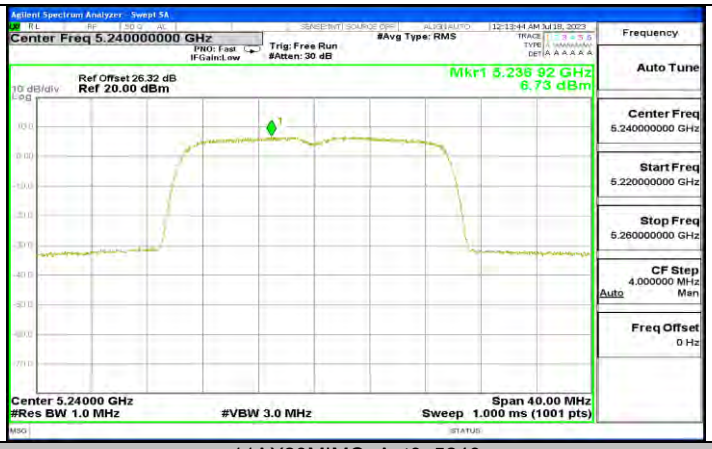

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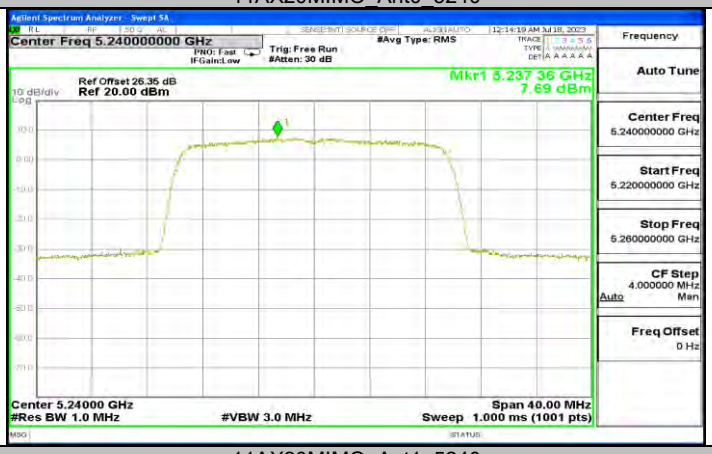

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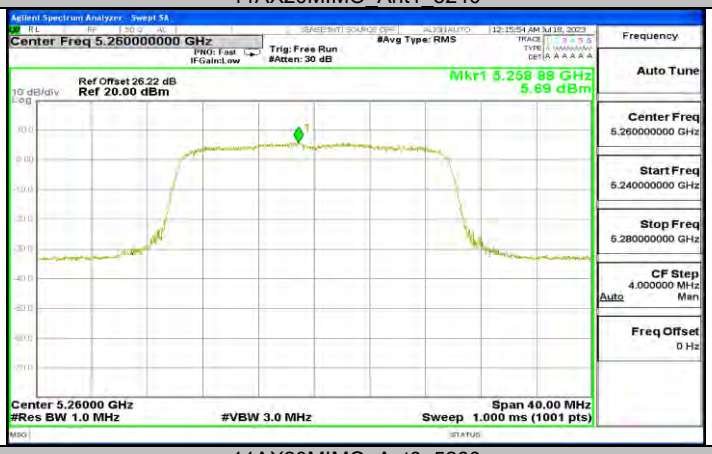

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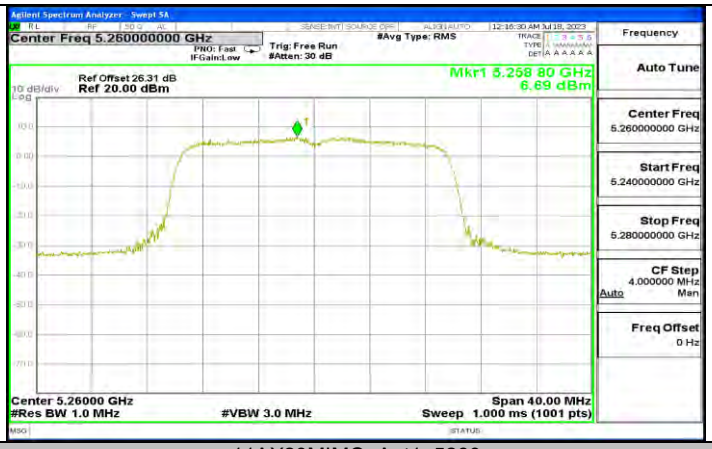

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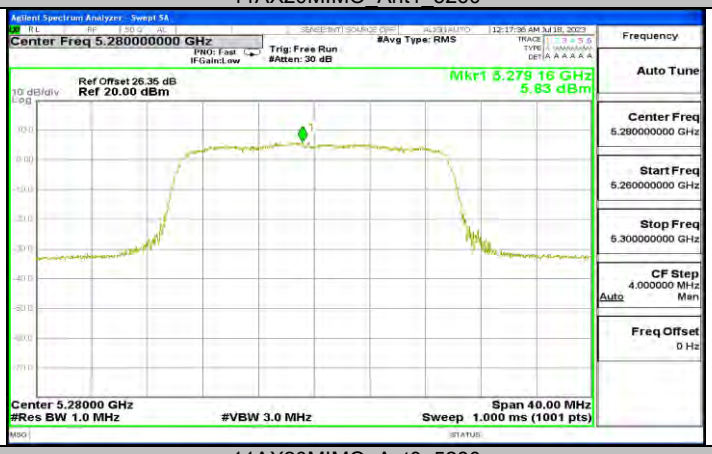

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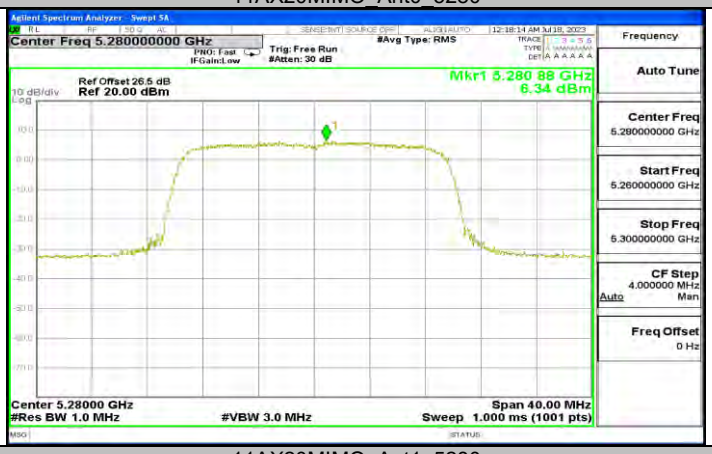

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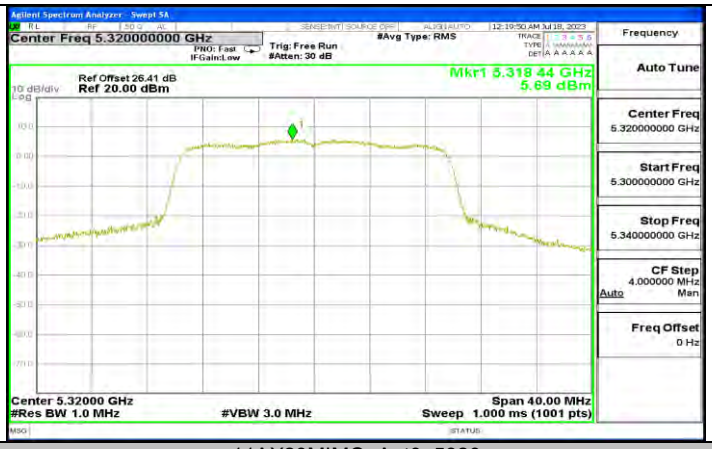

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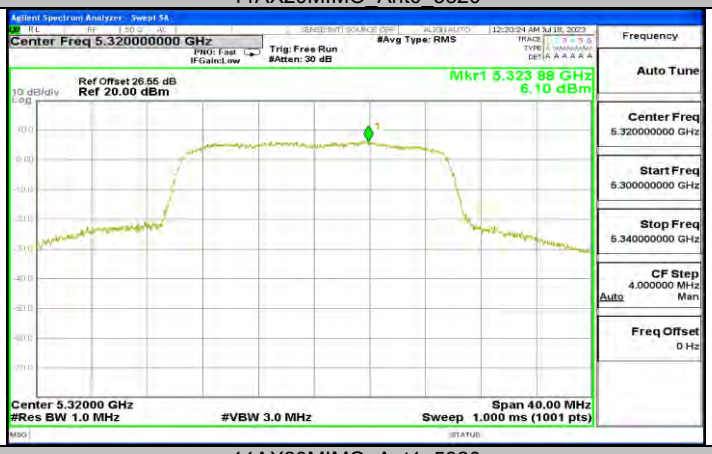

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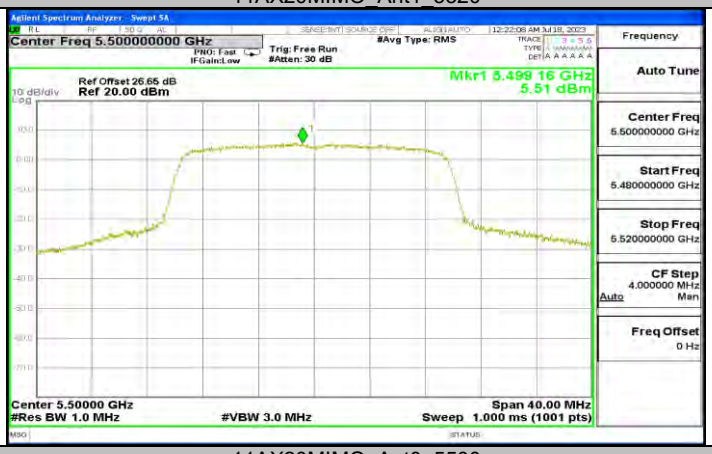

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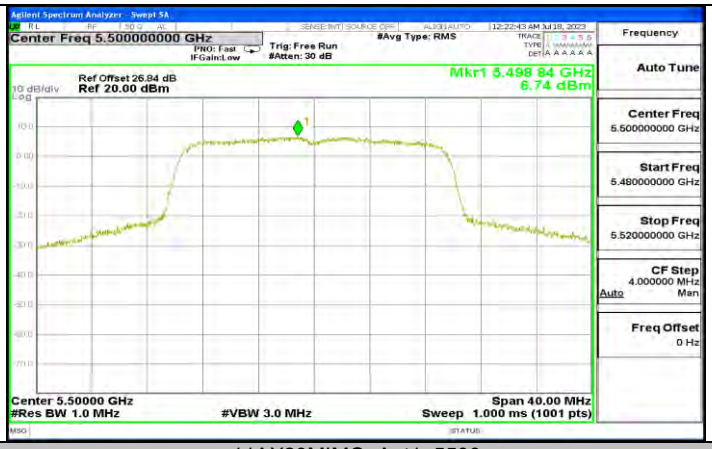

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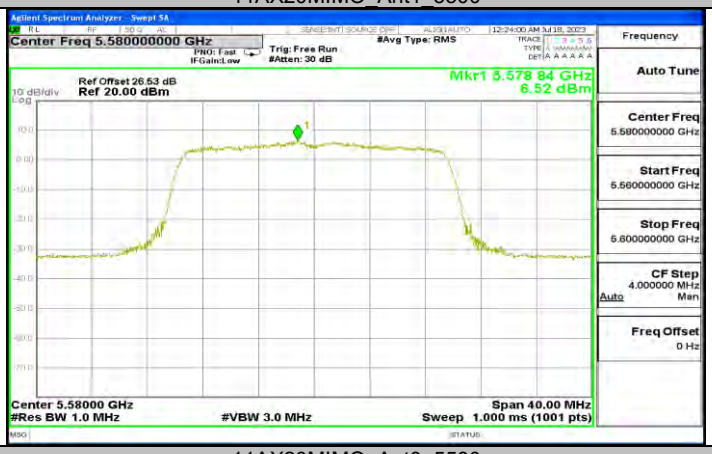

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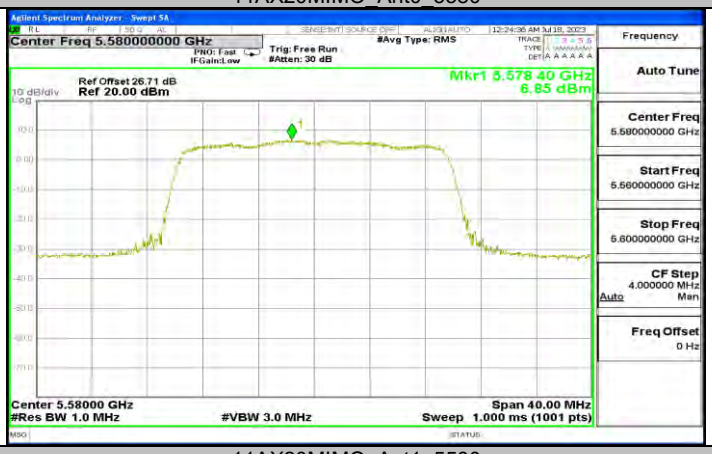

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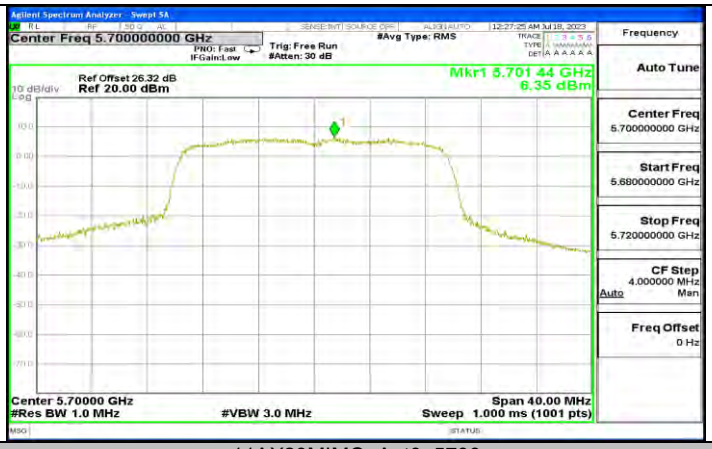

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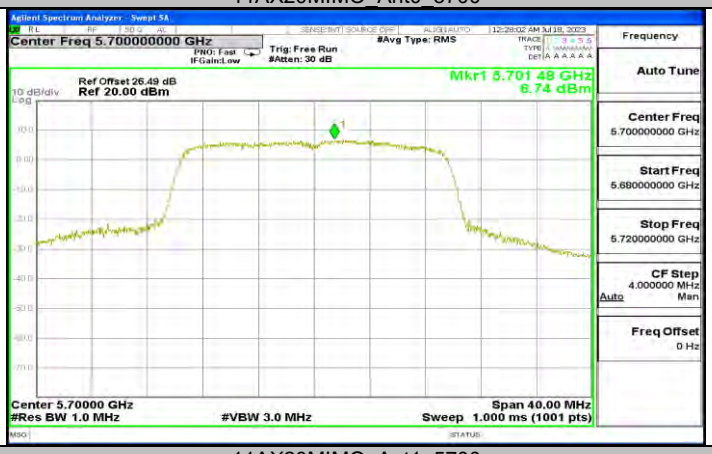

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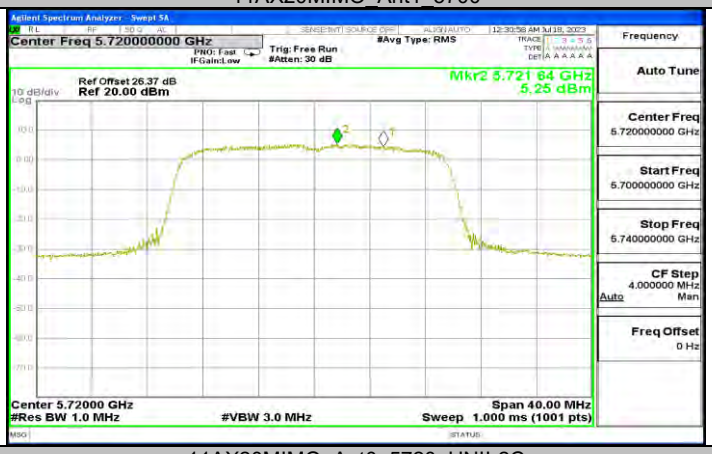

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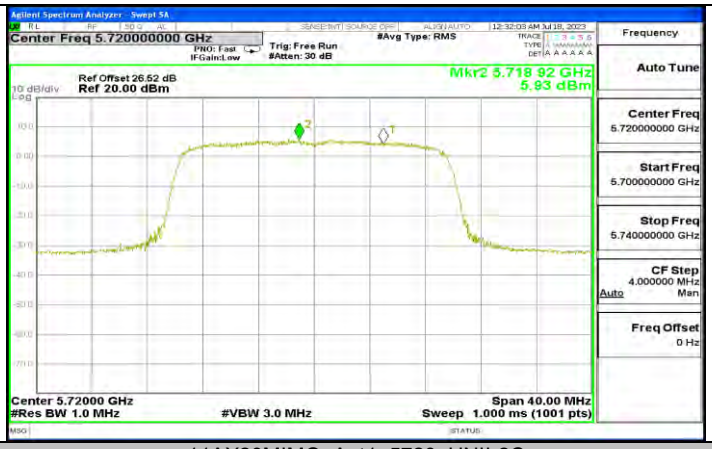

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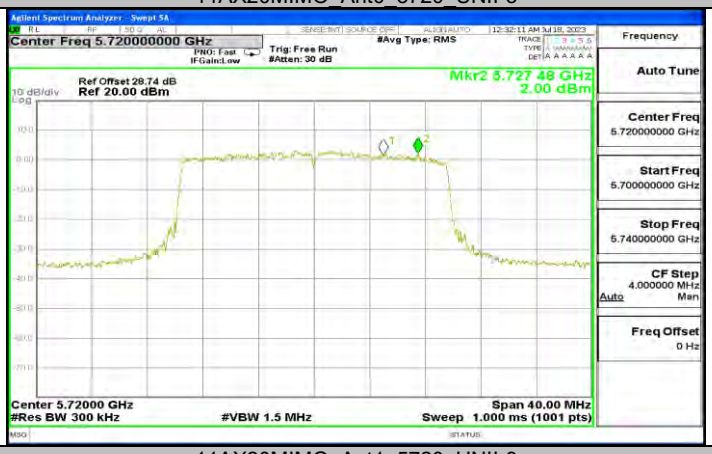

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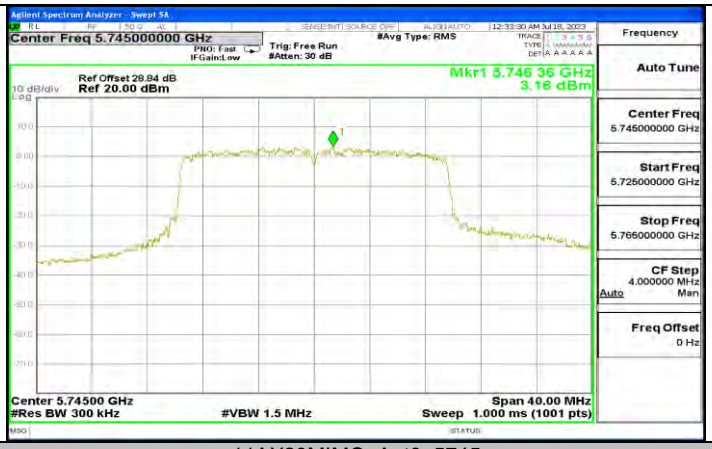

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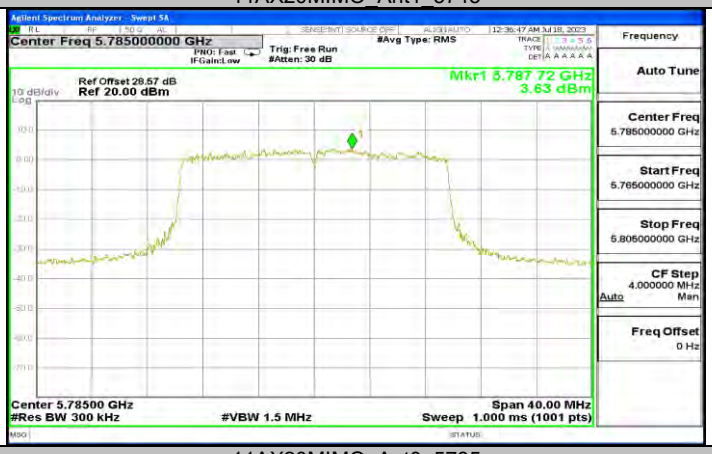

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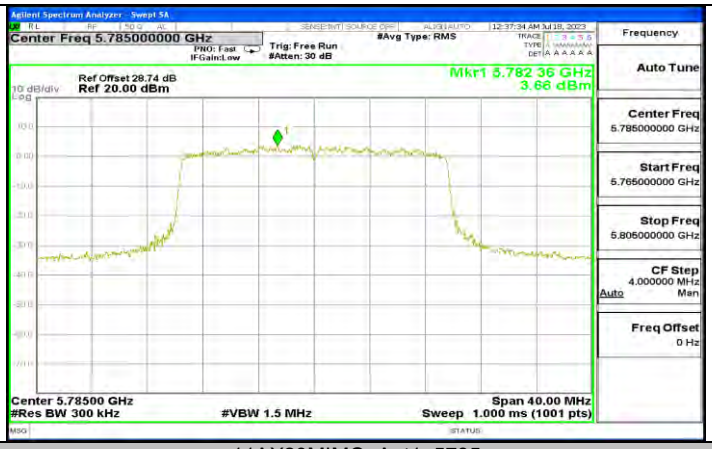

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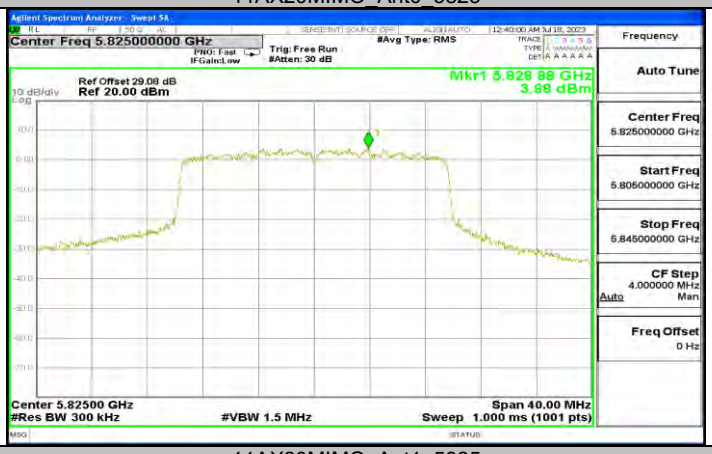

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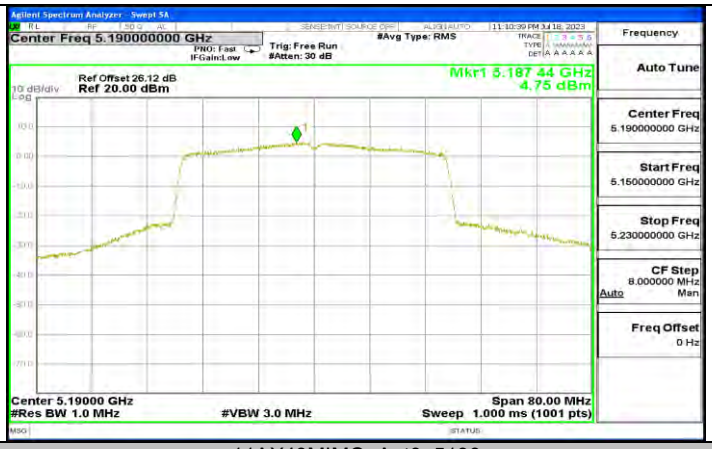

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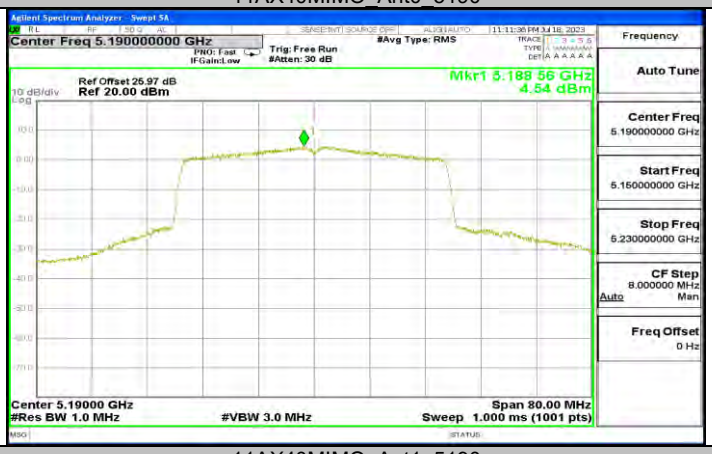

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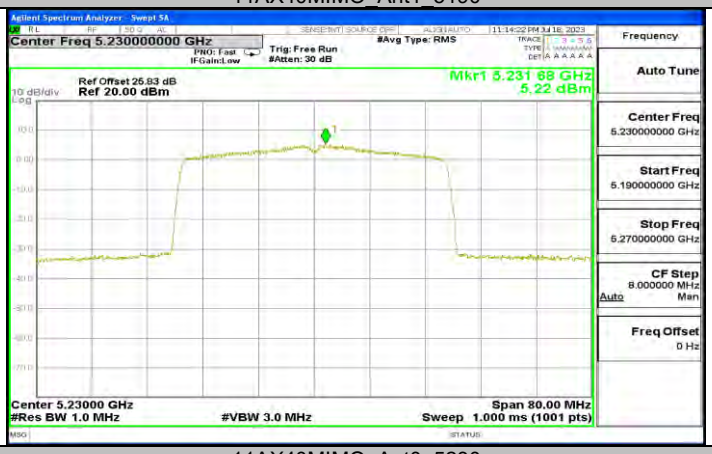

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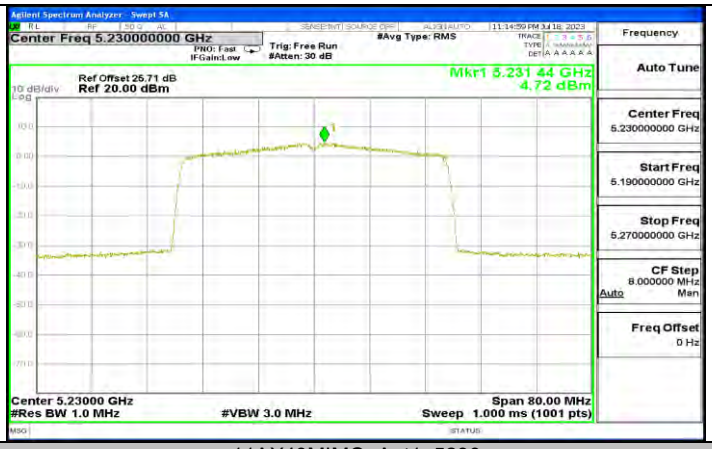

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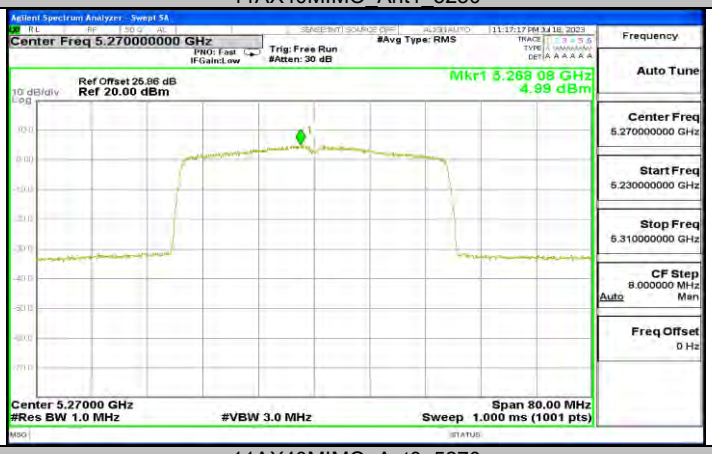

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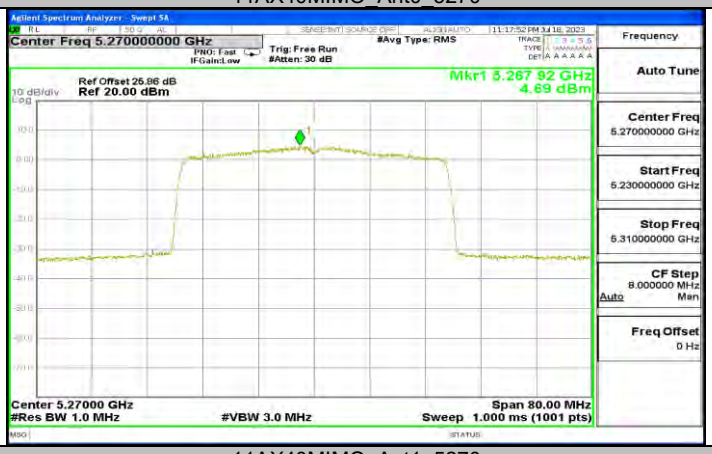

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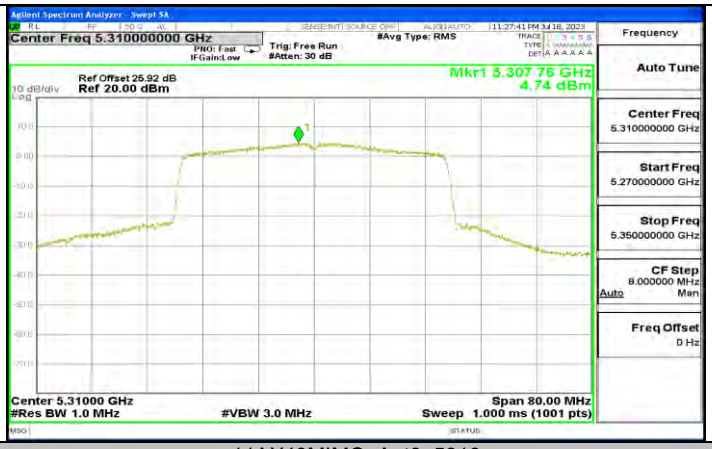

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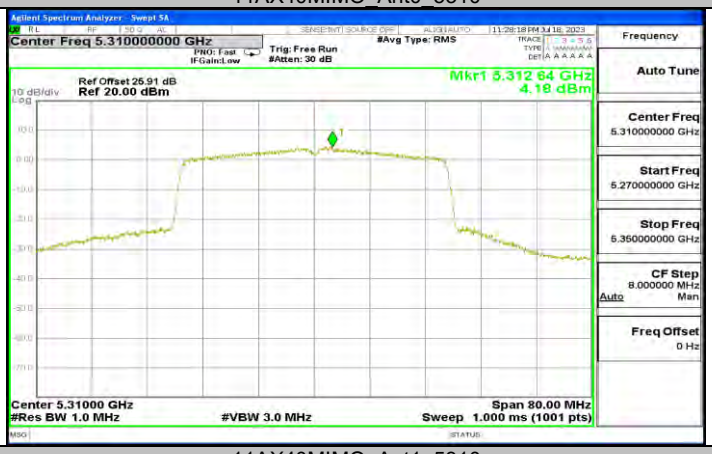

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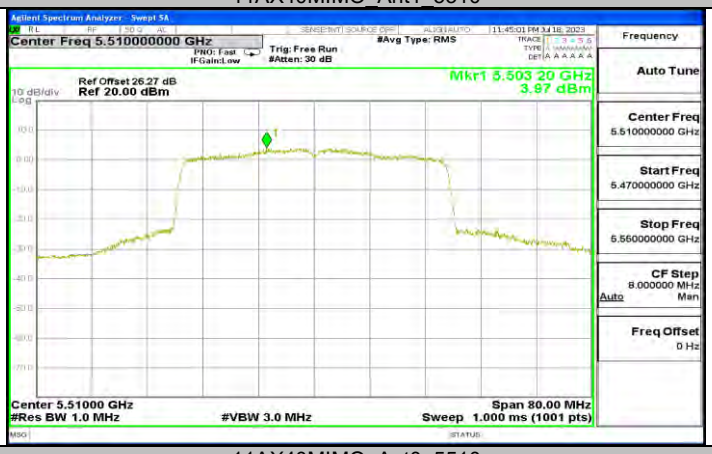

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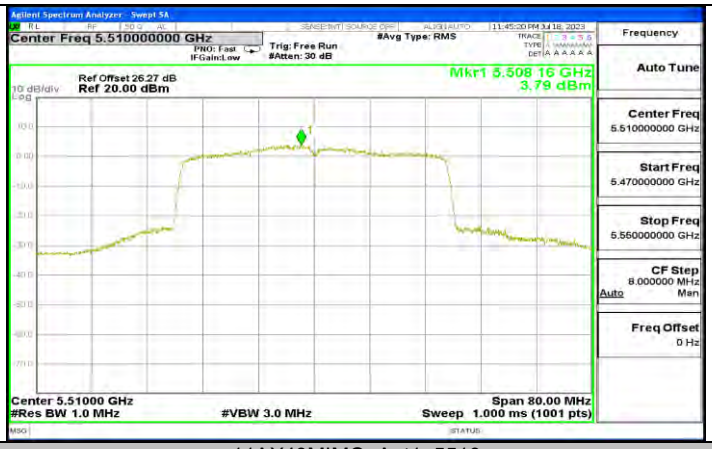

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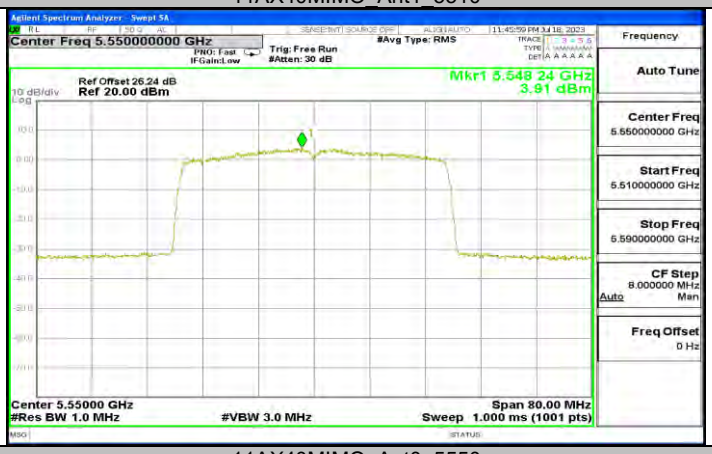

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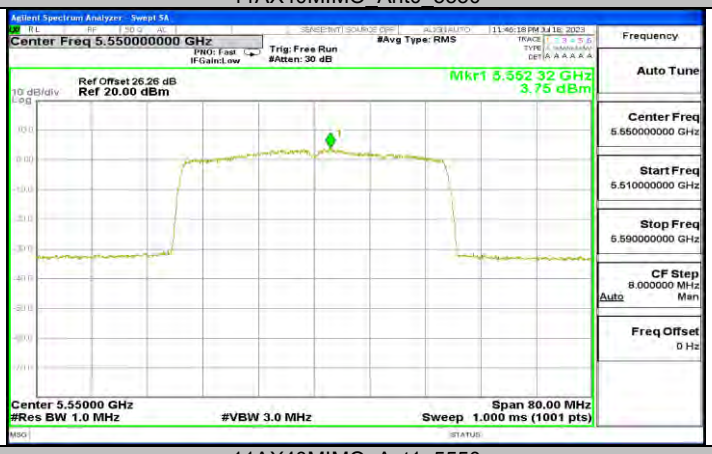

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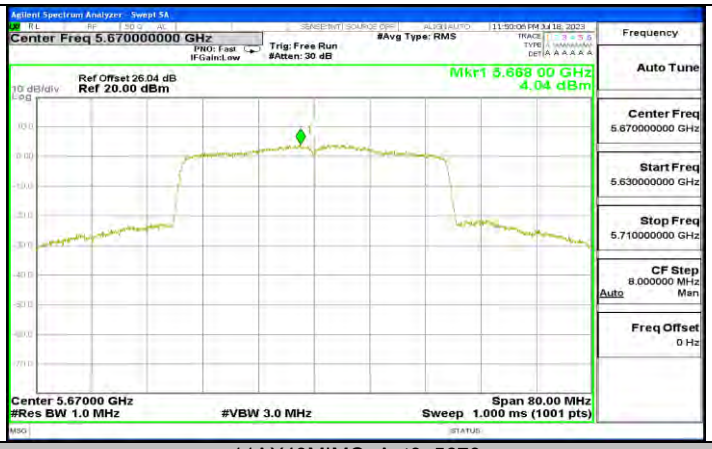

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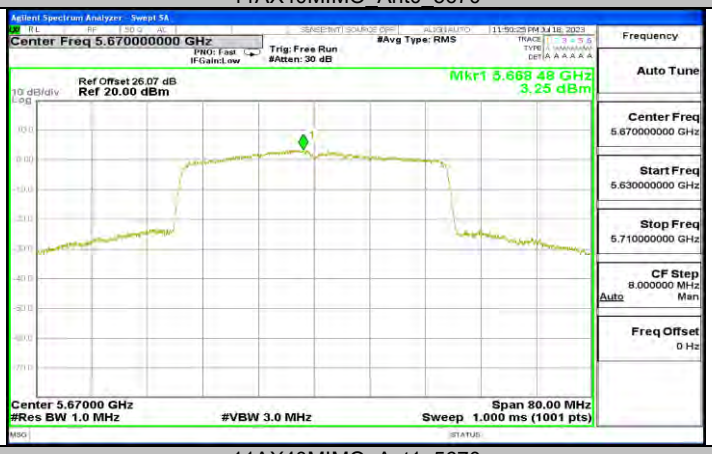

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11AX40MIMO_Ant0_5710_UNII-2C

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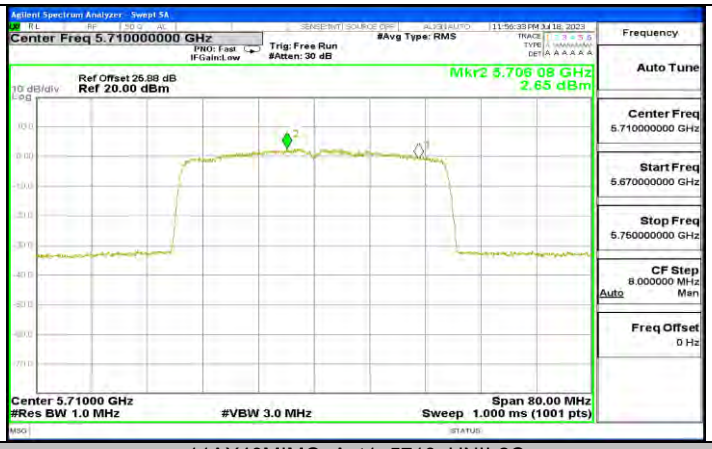

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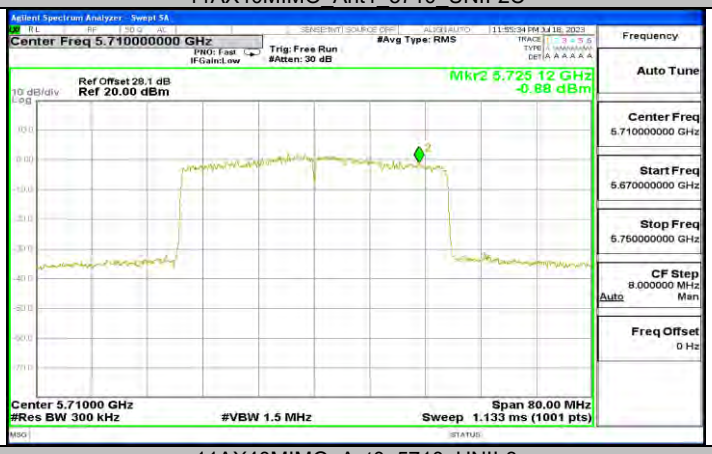

11AX40MIMO_Ant0_5710_UNII-3

11AX40MIMO_Ant1_5710_UNII-3

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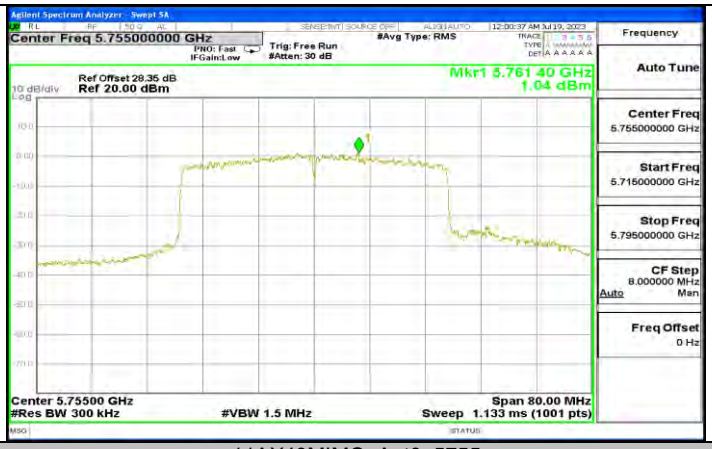
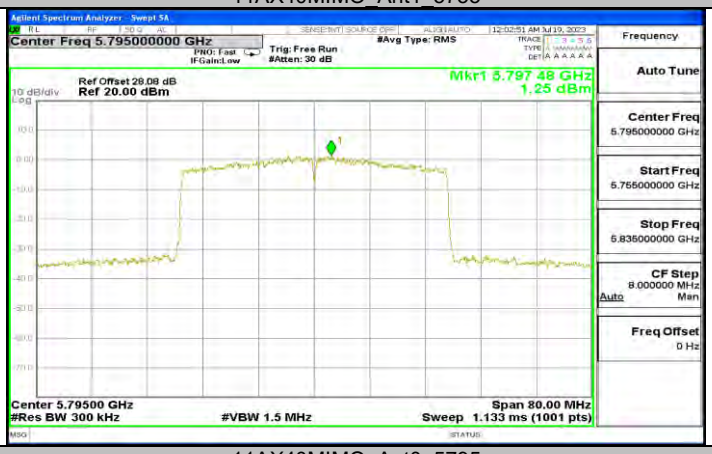


11AX40MIMO_Ant0_5755

11AX40MIMO_Ant1_5755



11AX40MIMO_Ant0_5795

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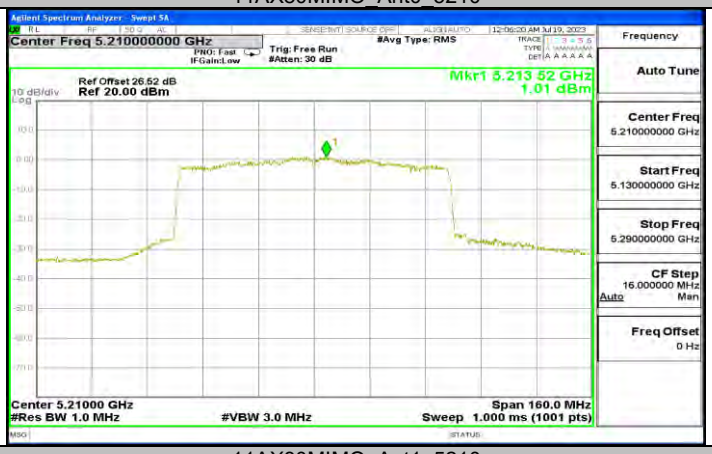
11AX40MIMO_Ant1_5795

11AX80MIMO_Ant0_5210



11AX80MIMO_Ant1_5210

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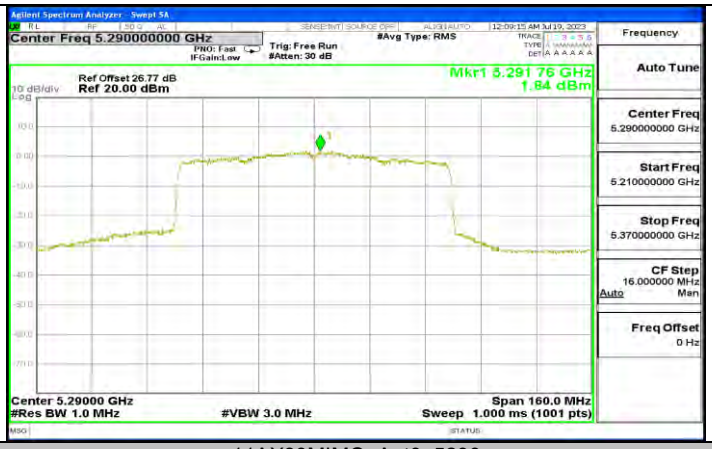
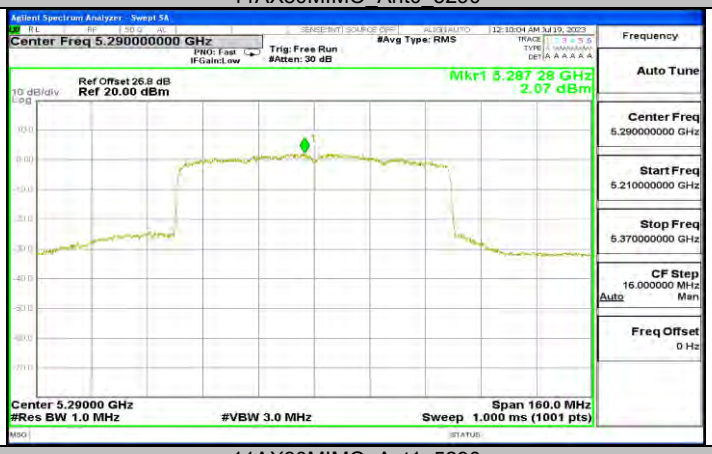


11AX80MIMO_Ant0_5290



11AX80MIMO_Ant1_5290

11AX80MIMO_Ant0_5530

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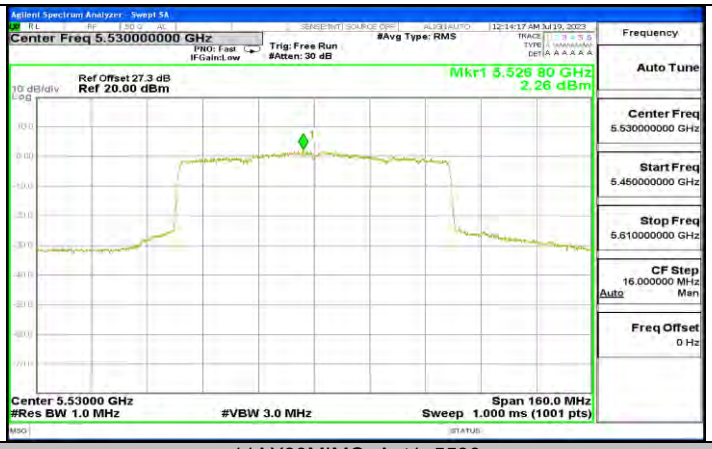
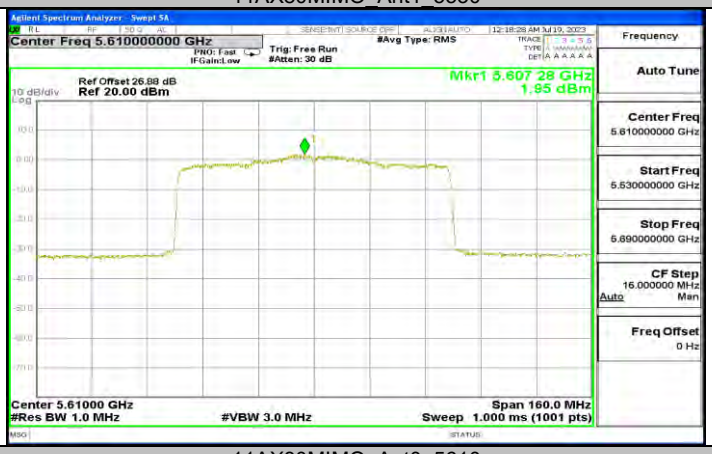


11AX80MIMO_Ant1_5530



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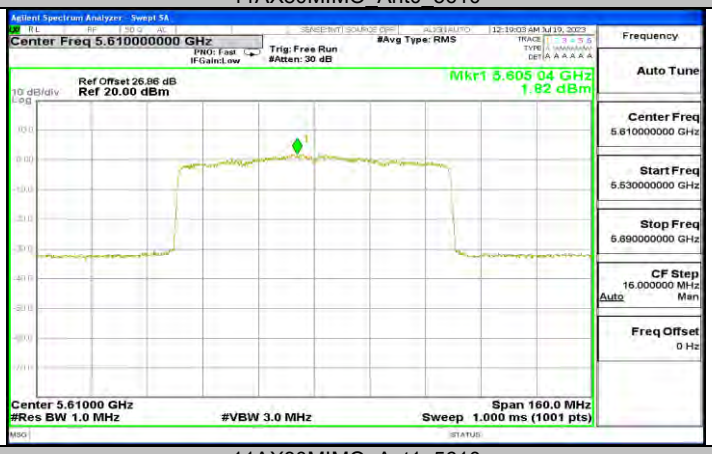

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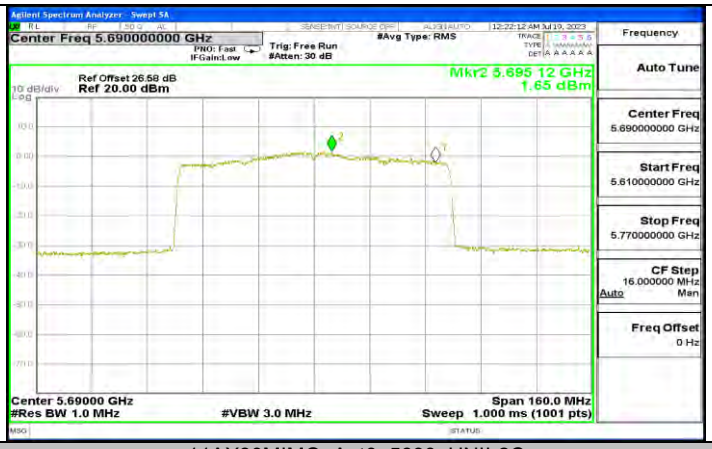

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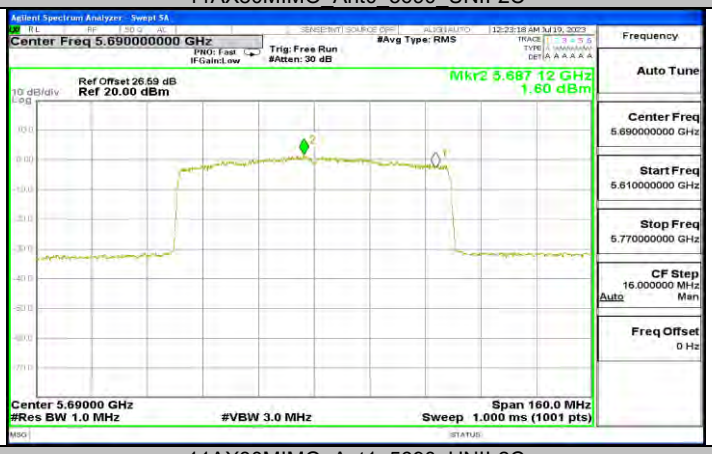
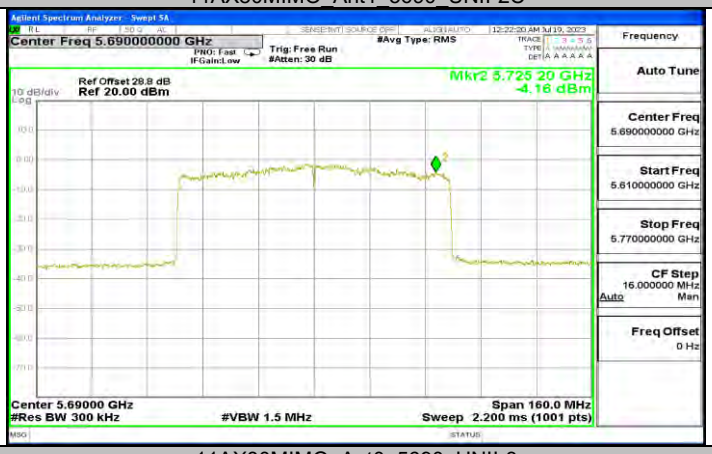


11AX80MIMO_Ant1_5690_UNII-2C



11AX80MIMO_Ant0_5690_UNII-3

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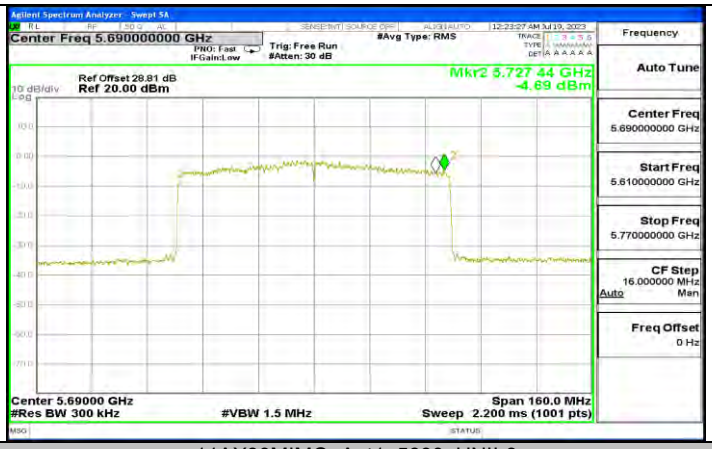
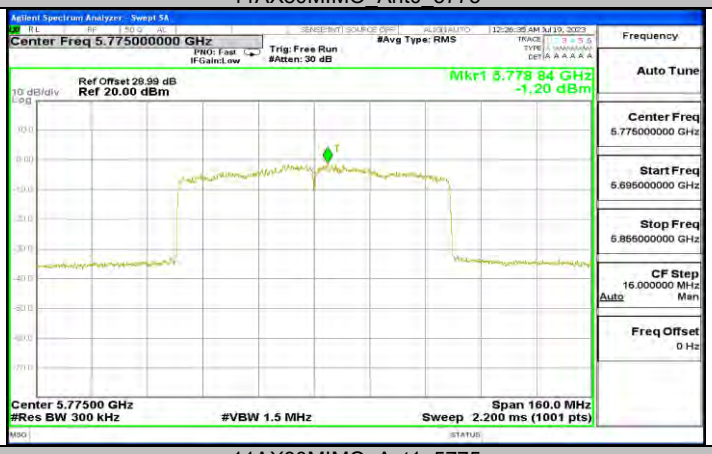


11AX80MIMO_Ant1_5690_UNII-3

11AX80MIMO_Ant0_5775



11AX80MIMO_Ant1_5775

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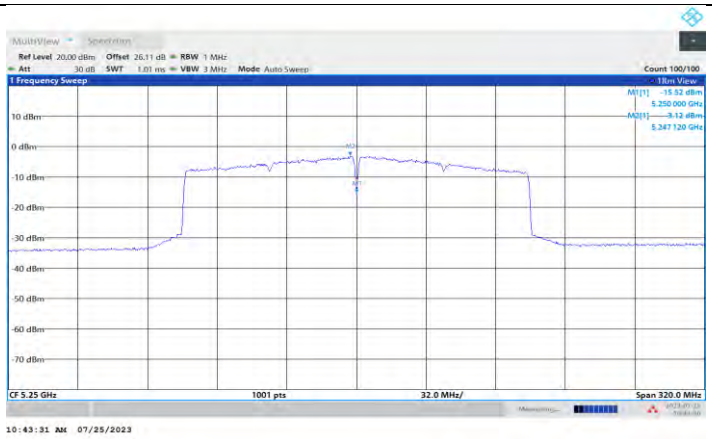
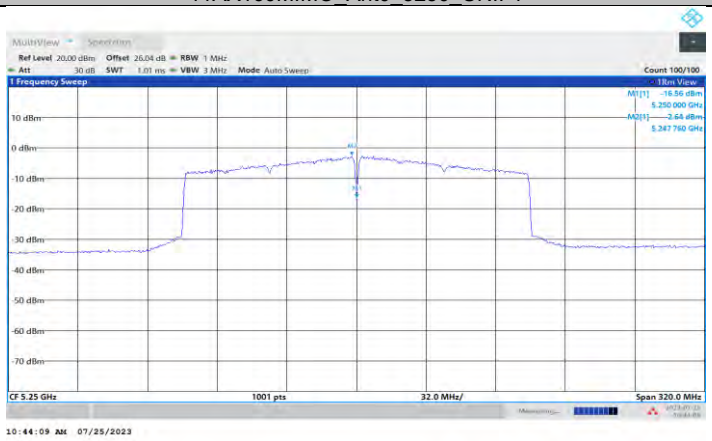


11AX160MIMO_Ant0_5250_UNII-1



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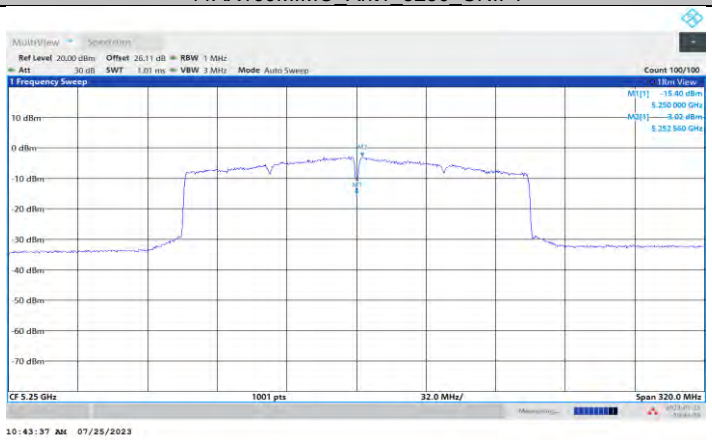

11AX160MIMO_Ant0_5250_UNII-2A

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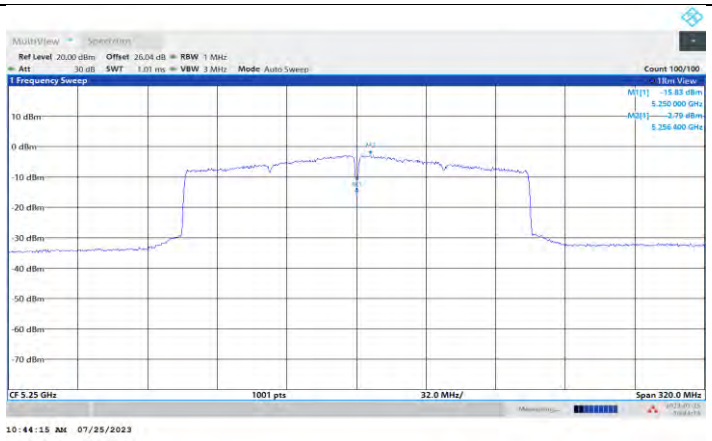
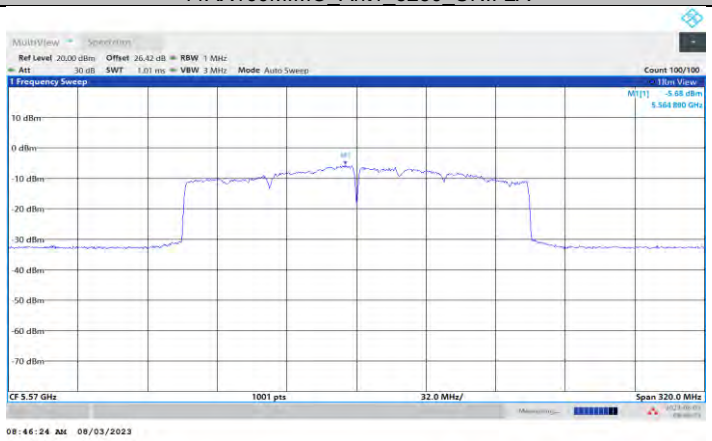
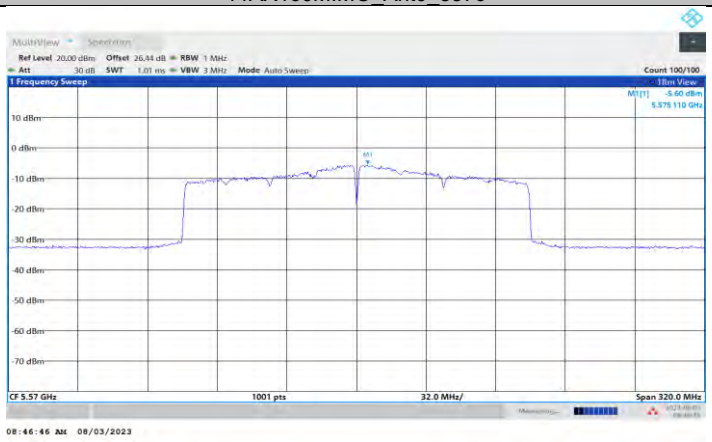


11AX160MIMO_Ant1_5250_UNII-2A



11AX160MIMO_Ant0_5570



11AX160MIMO_Ant1_5570

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11.6. APPENDIX D: FREQUENCY STABILITY

11.6.1. Test Result

Frequency Error vs. Voltage									
802.11a:5200MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
TN	VL	5200.0229	4.41	5199.9886	-2.20	5199.9767	-4.49	5200.0049	0.94
TN	VN	5200.0007	0.13	5199.9771	-4.39	5200.0195	3.74	5200.0186	3.58
TN	VH	5200.0010	0.19	5199.9945	-1.05	5200.0224	4.31	5200.0124	2.39

Frequency Error vs. Temperature									
802.11a:5200MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
40	VN	5199.9795	-3.95	5200.0020	0.38	5199.9834	-3.19	5199.9873	-2.44
30	VN	5199.9963	-0.72	5200.0116	2.23	5199.9966	-0.66	5200.0145	2.79
20	VN	5199.9940	-1.16	5199.9836	-3.15	5199.9767	-4.48	5200.0127	2.44
10	VN	5199.9890	-2.11	5199.9961	-0.75	5200.0229	4.41	5200.0113	2.18
0	VN	5200.0031	0.59	5200.0002	0.04	5200.0012	0.23	5200.0205	3.95

Note:
1. All antennas, test modes and test channels have been tested, only the worst data record in the report.
2. For the detail Test Conditions, please refer to section 7.5 TEST ENVIRONMENT.

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11.7. APPENDIX E: DUTY CYCLE

11.7.1. Test Result

Test Mode	Antenna	Frequency[MHz]	On Time (msec)	Period (msec)	Duty Cycle [%]	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz	Final setting For VBW (kHz)
11A	Ant0	5180	1.39	1.45	95.86	0.18	0.72	1
	Ant1	5180	1.4	1.45	96.55	0.15	0.71	1
11N20MIMO	Ant0	5180	0.68	0.73	93.15	0.31	1.47	2
	Ant1	5180	0.67	0.73	91.78	0.37	1.49	2
11N40MIMO	Ant0	5190	0.34	0.4	85	0.71	2.94	3
	Ant1	5190	0.35	0.4	87.5	0.58	2.86	3
11AC80MIMO	Ant0	5210	0.19	0.25	76	1.19	5.26	6
	Ant1	5210	0.19	0.25	76	1.19	5.26	6
11AC160MIMO	Ant0	5250	0.19	0.24	79.17	1.01	5.26	6
	Ant1	5250	0.18	0.24	75	1.25	5.56	6
11AX20MIMO	Ant0	5180	0.21	0.26	80.77	0.93	4.76	5
	Ant1	5180	0.21	0.27	77.78	1.09	4.76	5
11AX40MIMO	Ant0	5190	0.56	0.62	90.32	0.44	1.79	2
	Ant1	5190	0.55	0.61	90.16	0.45	1.82	2
11AX80MIMO	Ant0	5210	0.19	0.25	76	1.19	5.26	6
	Ant1	5210	0.19	0.25	76	1.19	5.26	6
11AX160MIMO	Ant0	5250	0.29	0.35	82.86	0.82	3.45	4
	Ant1	5250	0.29	0.35	82.86	0.82	3.45	4

Note:
Duty Cycle Correction Factor=10log (1/x).
Where: x is Duty Cycle (Linear)
Where: T is On Time
If that calculated VBW is not available on the analyzer then the next higher value should be used.

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