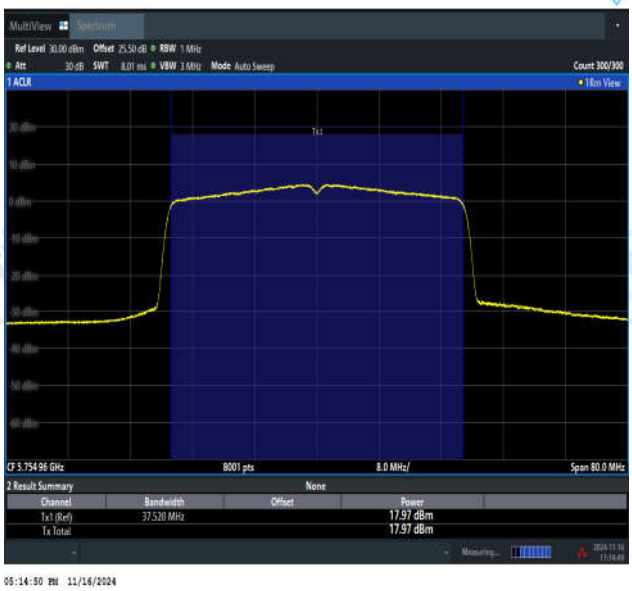
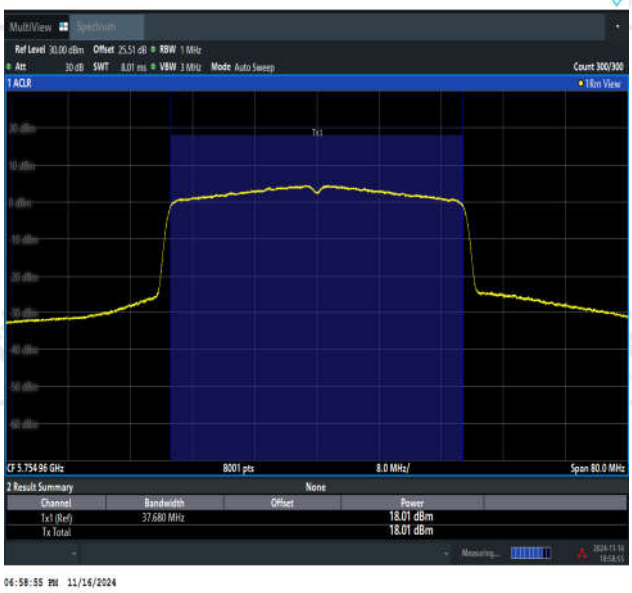


11AX40SISO-Ant2-5755-PASS



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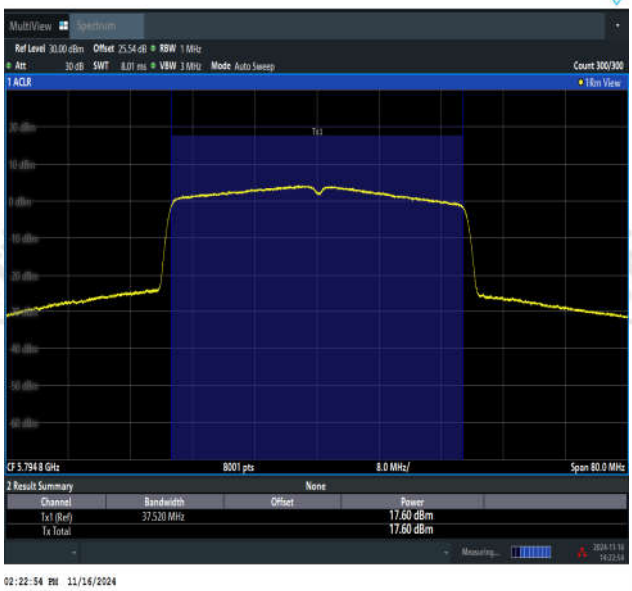

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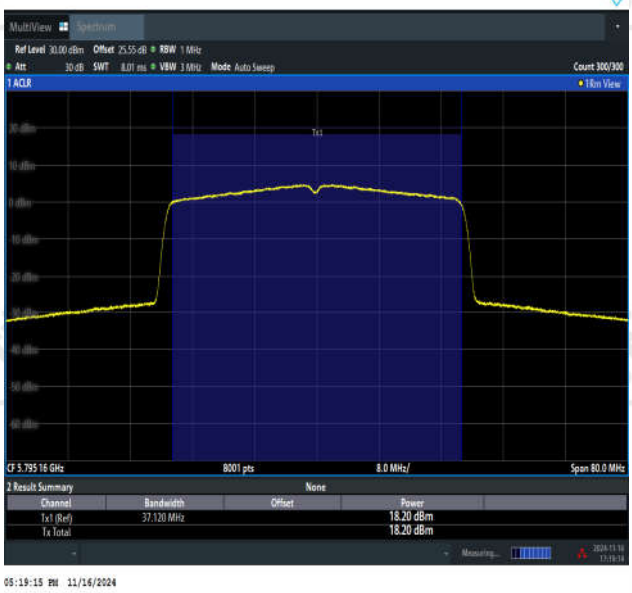

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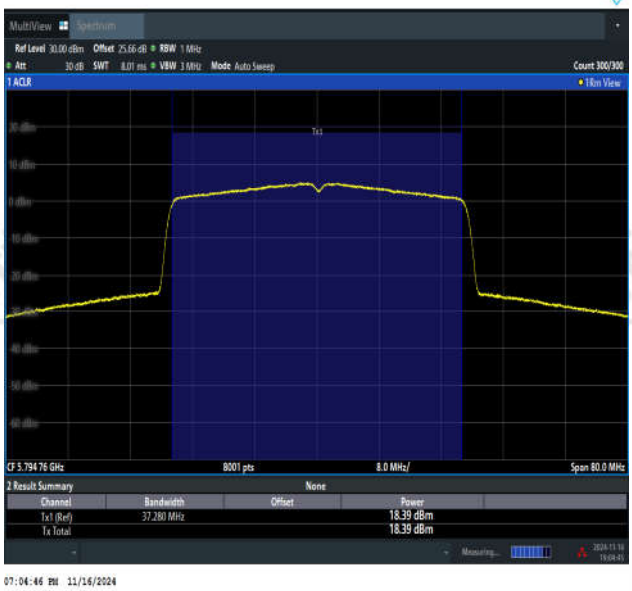

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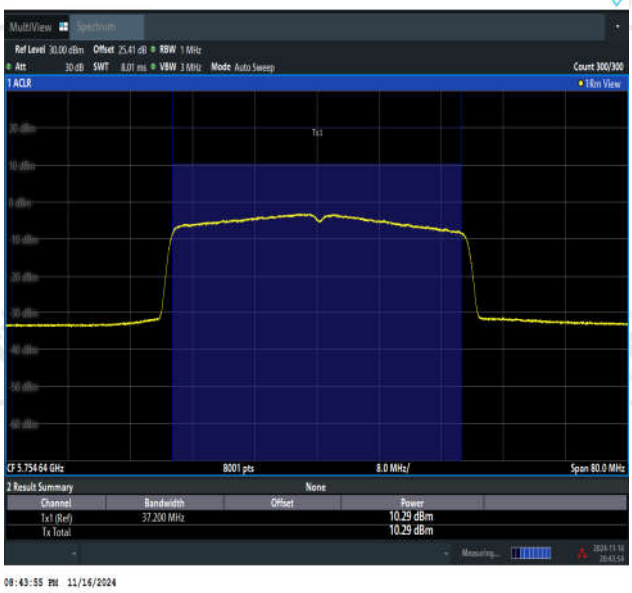

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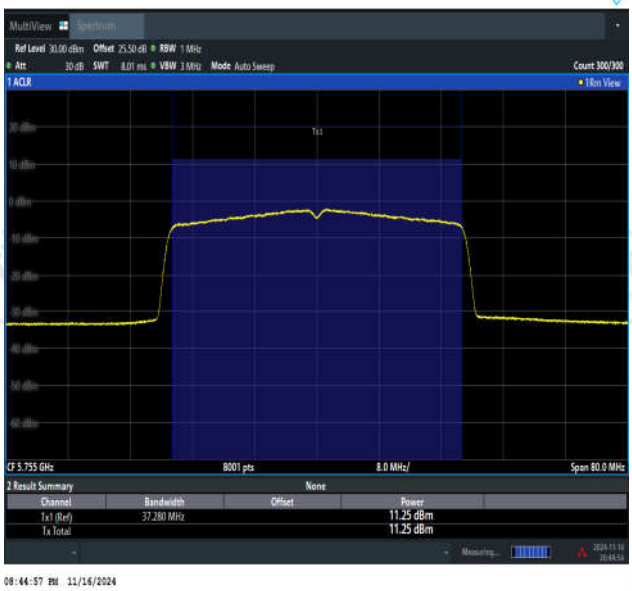

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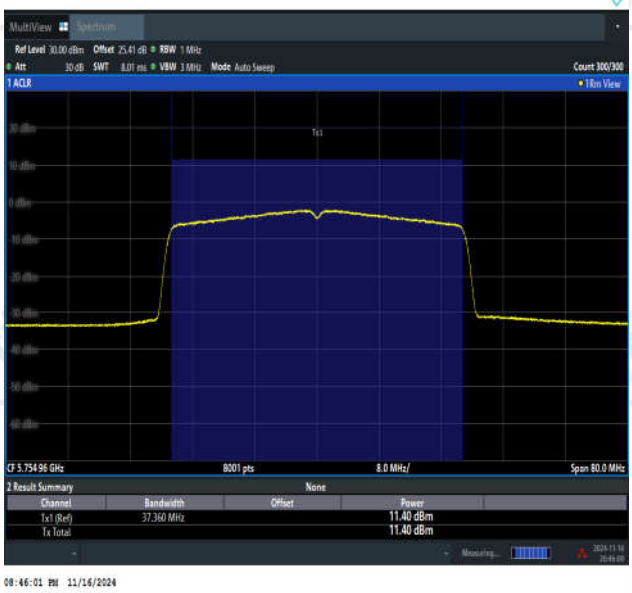

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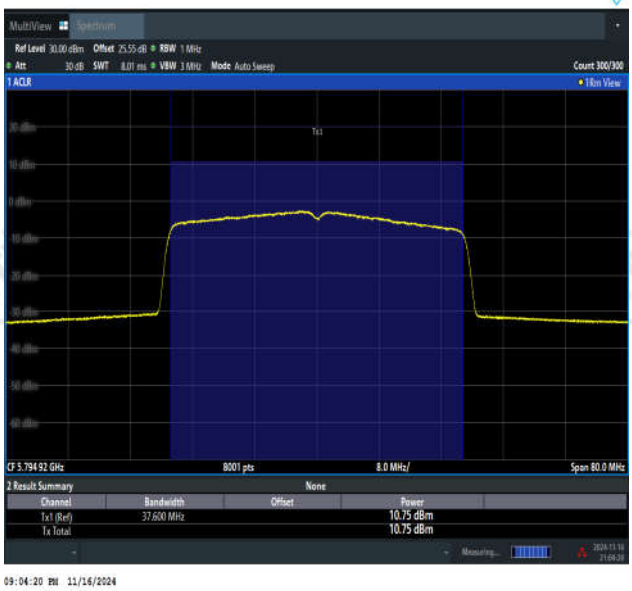

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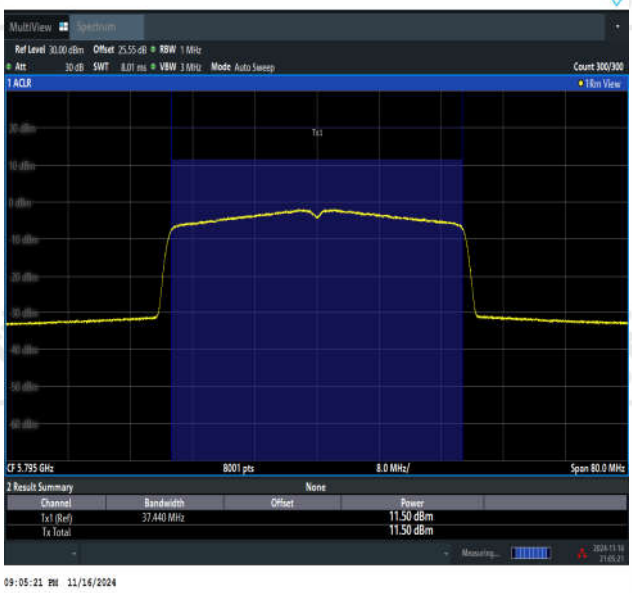

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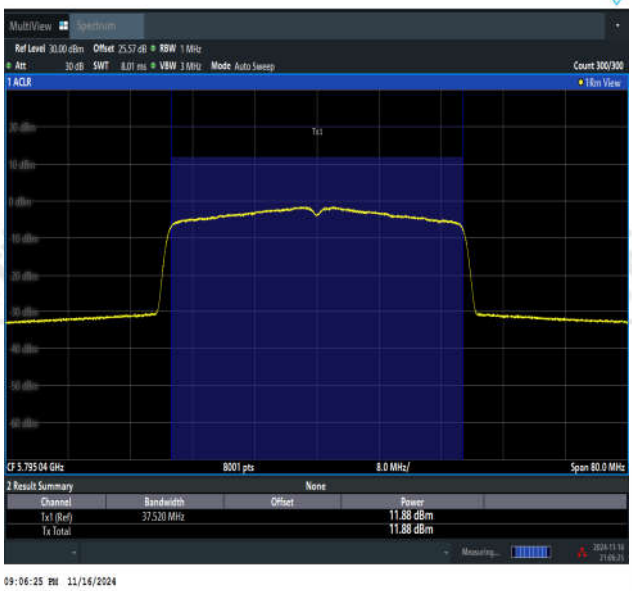

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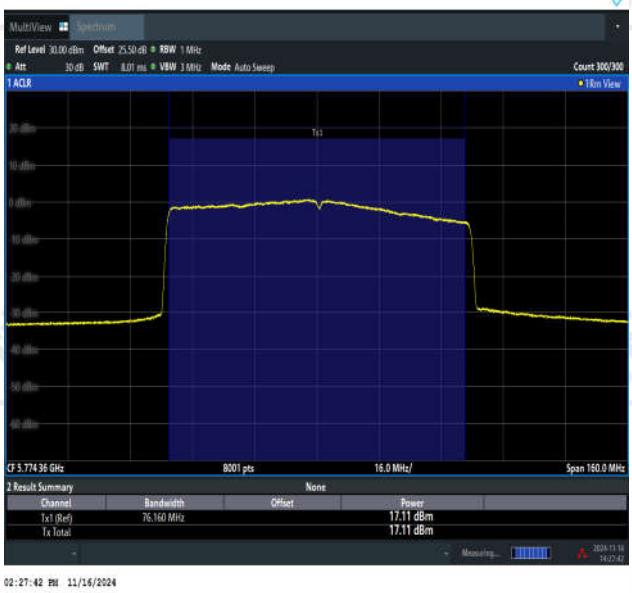

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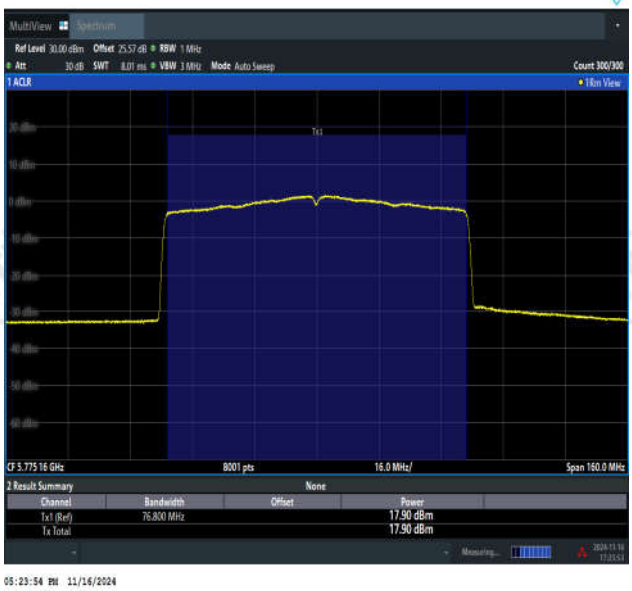

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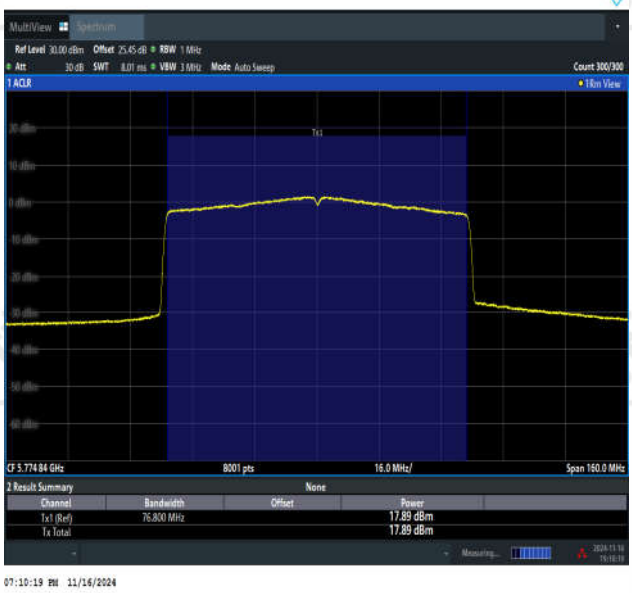

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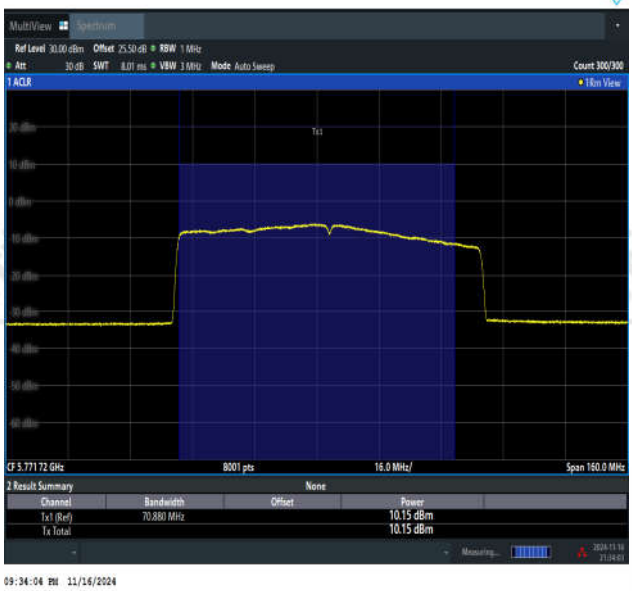

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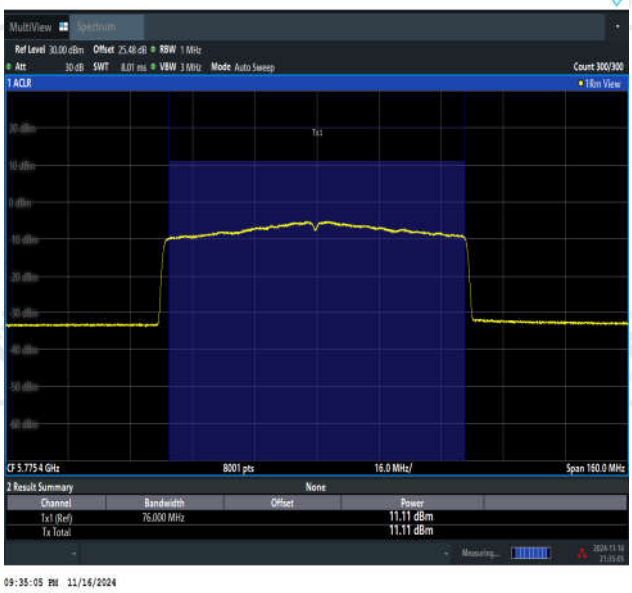

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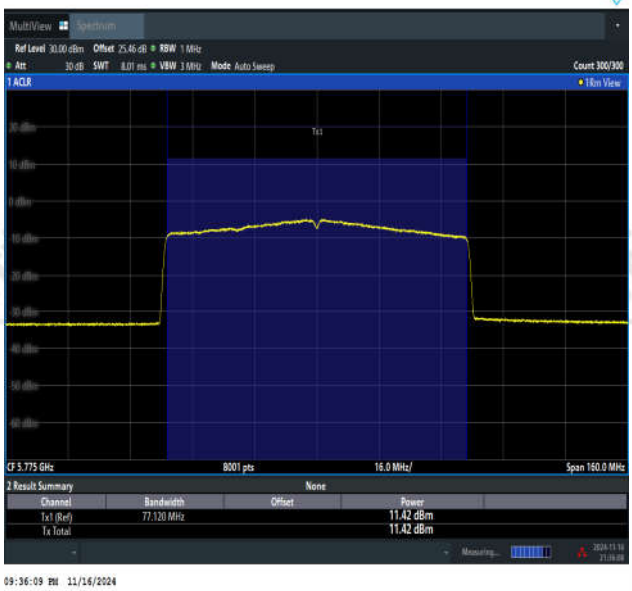

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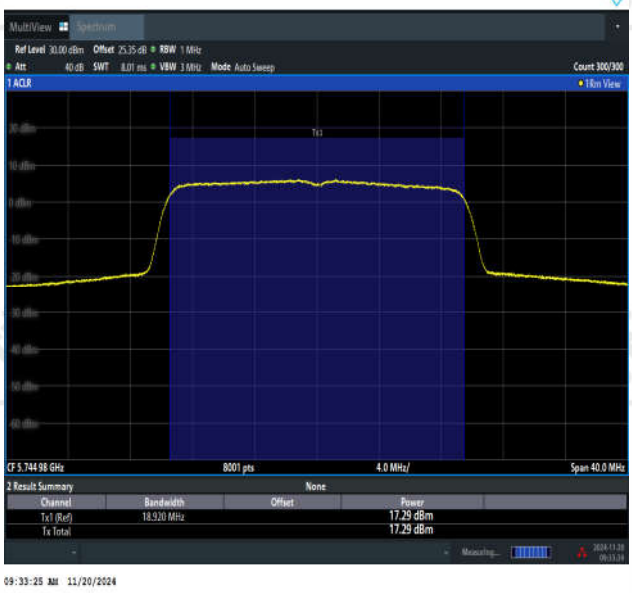
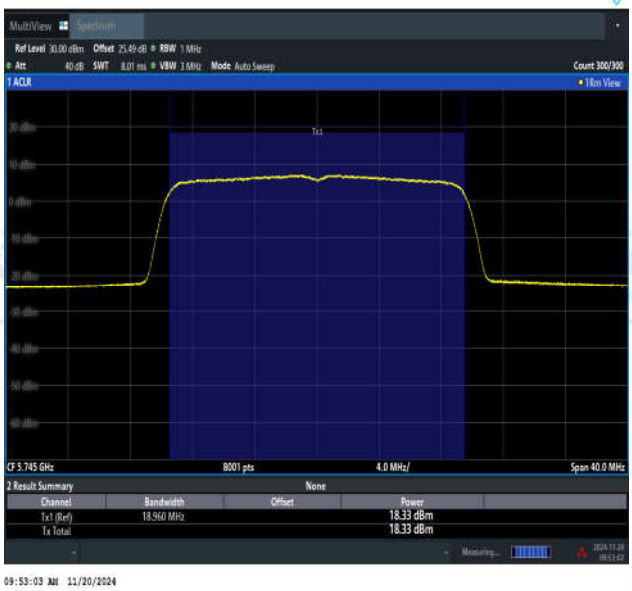


11BE20SISO-Ant1-5745-PASS



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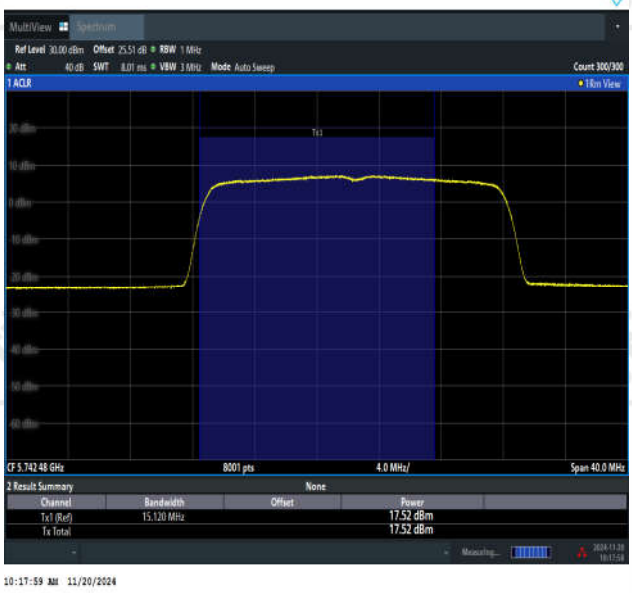
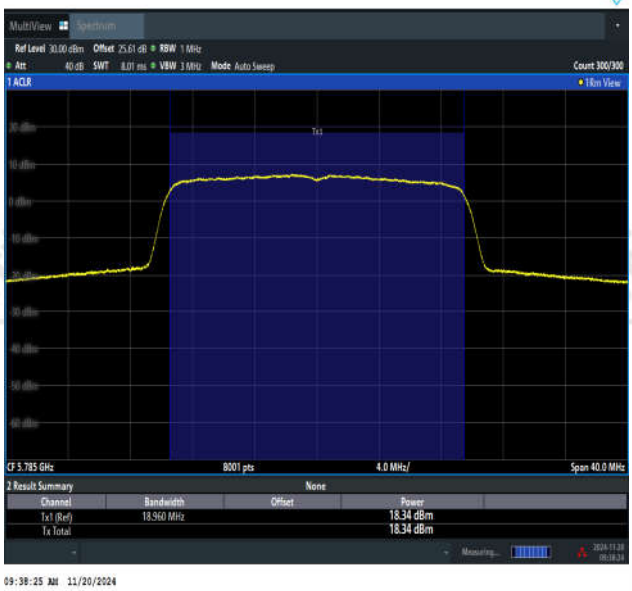


11BE20SISO-Ant3-5745-PASS



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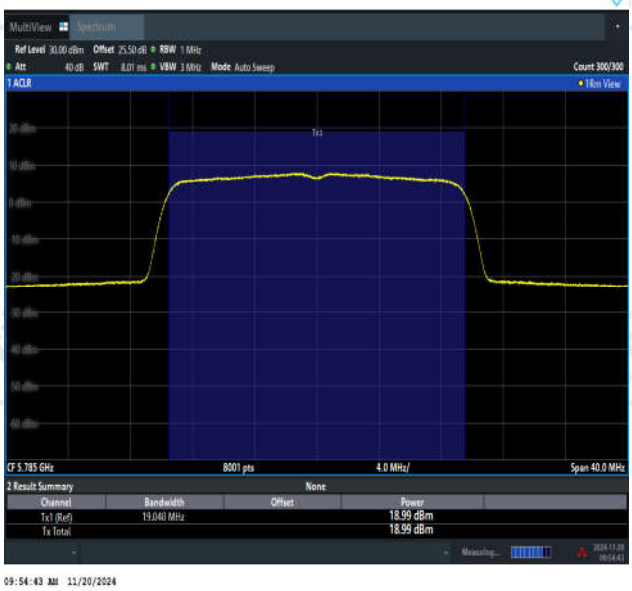

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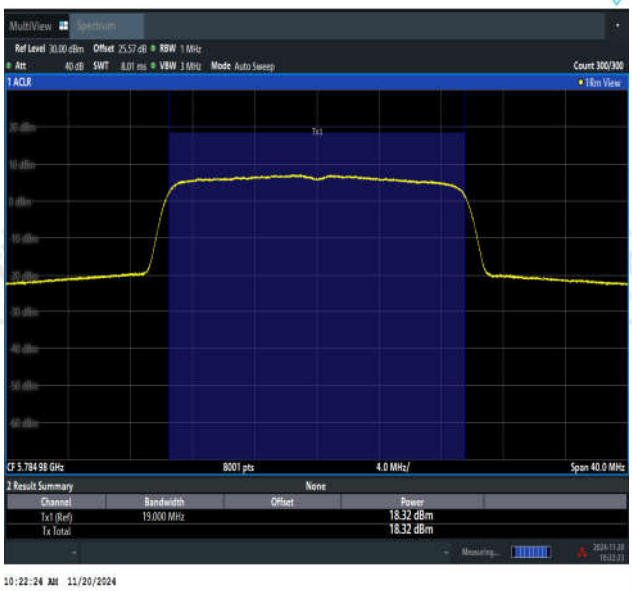

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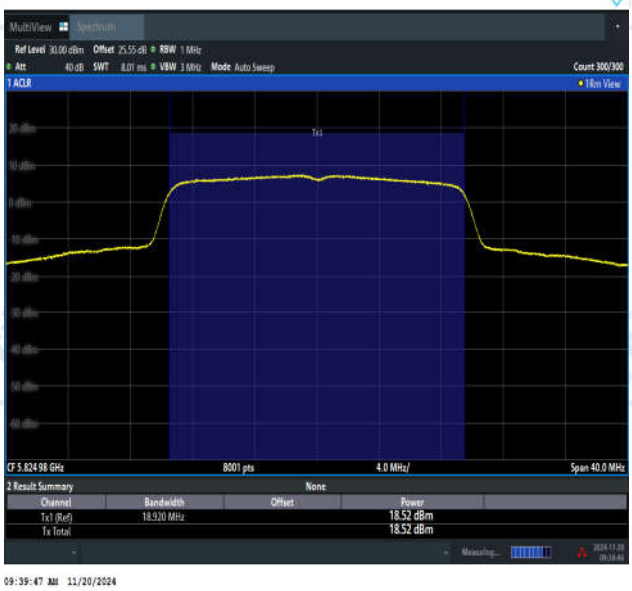
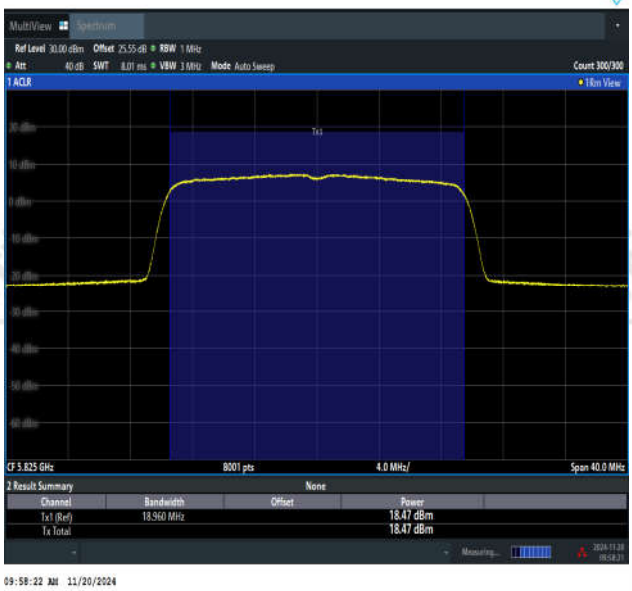


11BE20SISO-Ant1-5825-PASS



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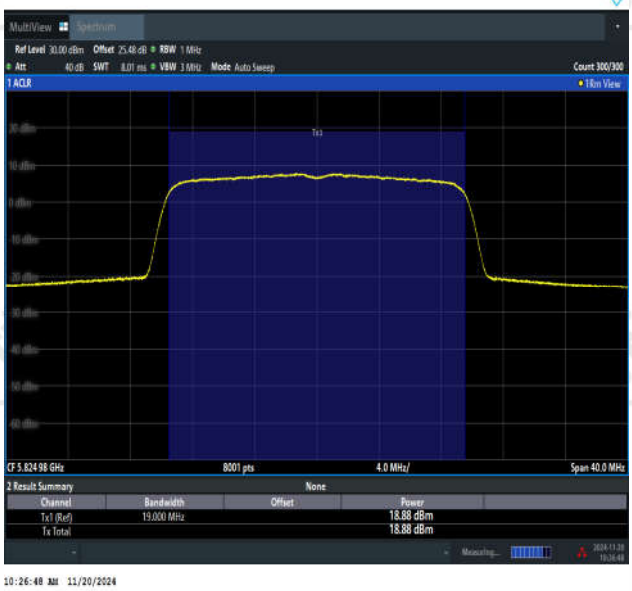

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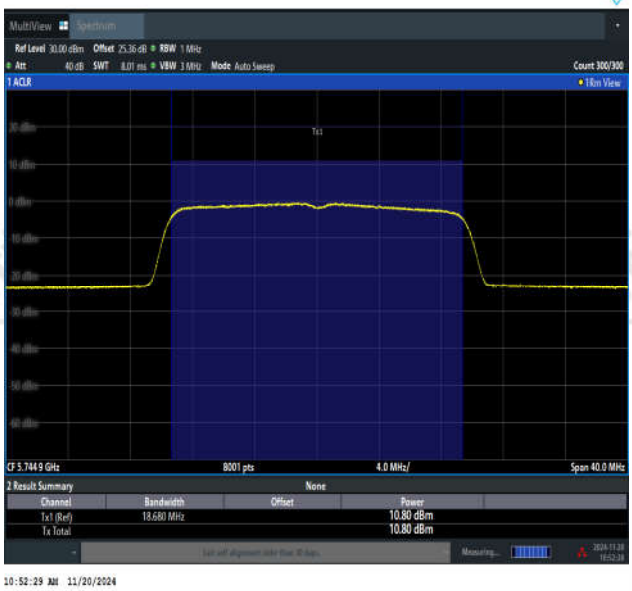

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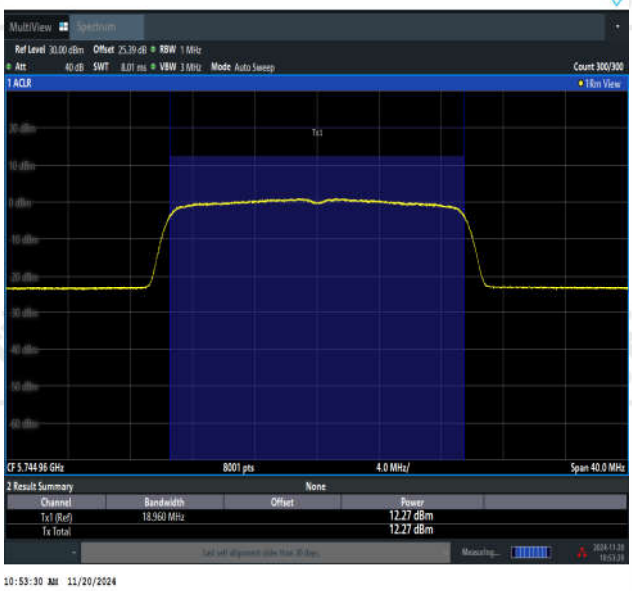

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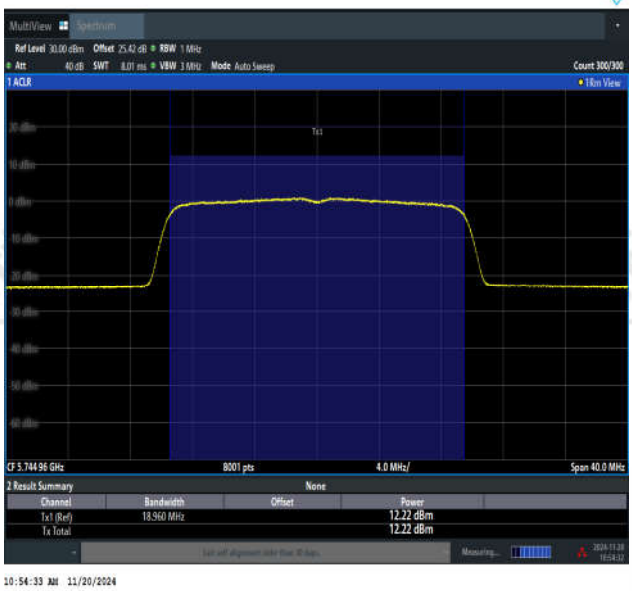

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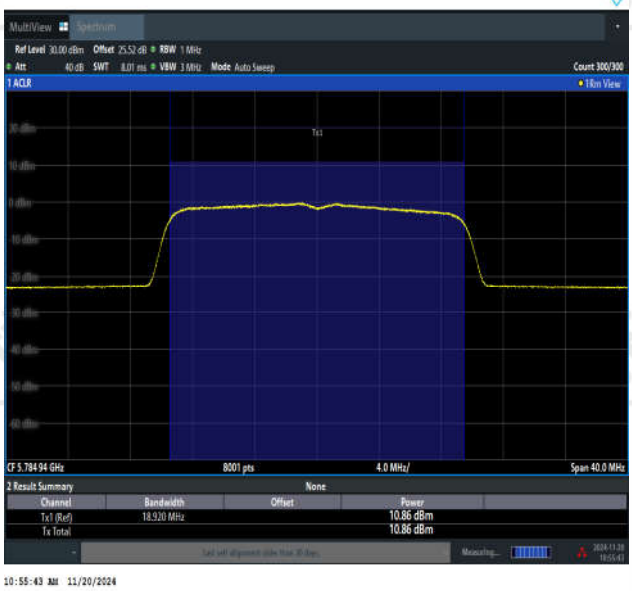

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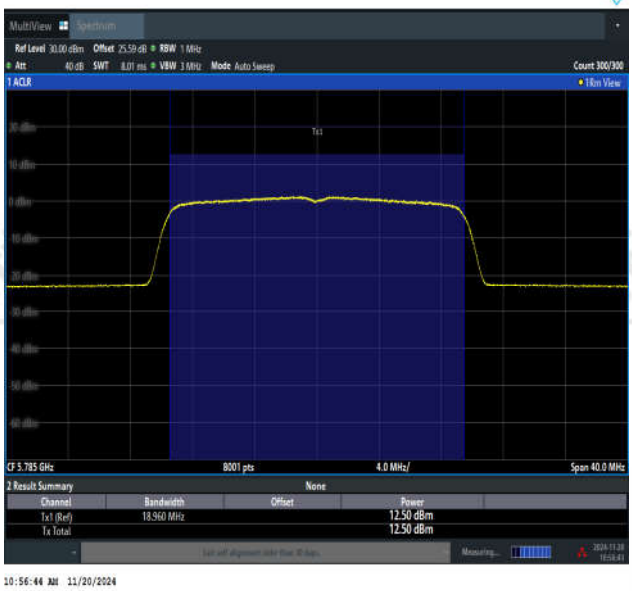

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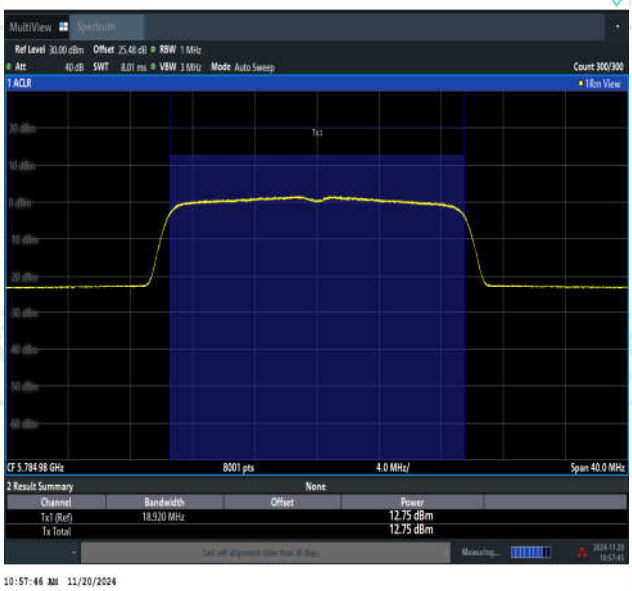

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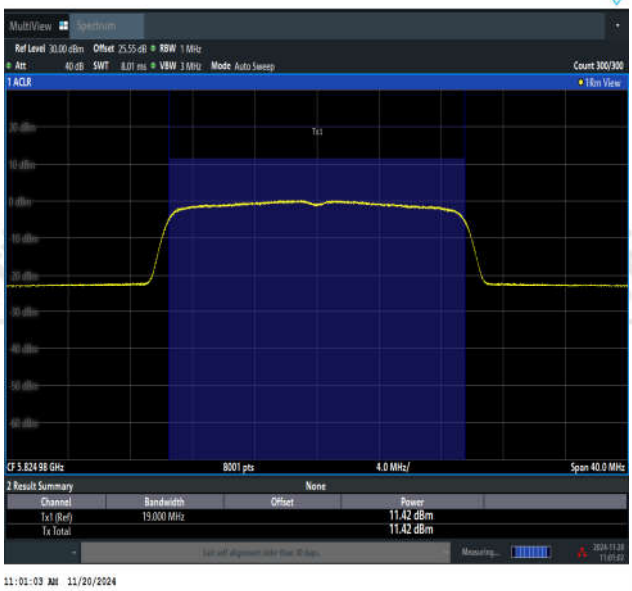

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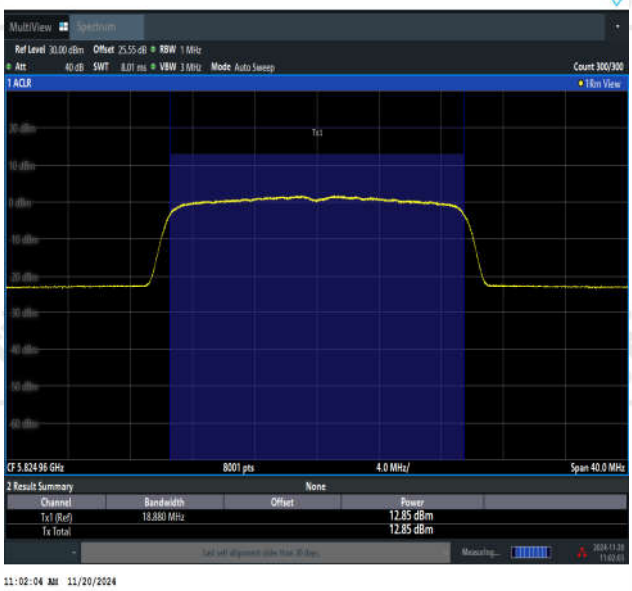

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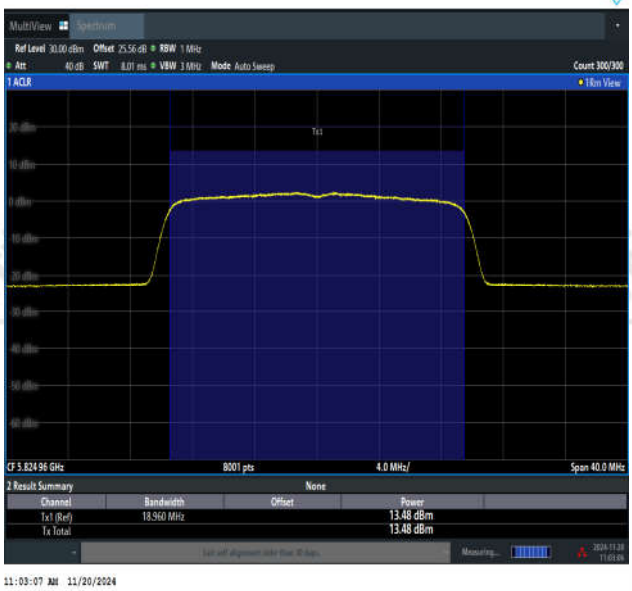

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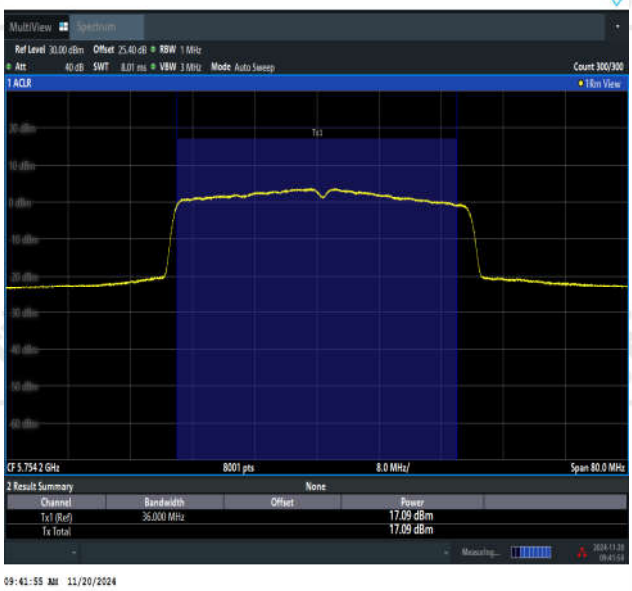
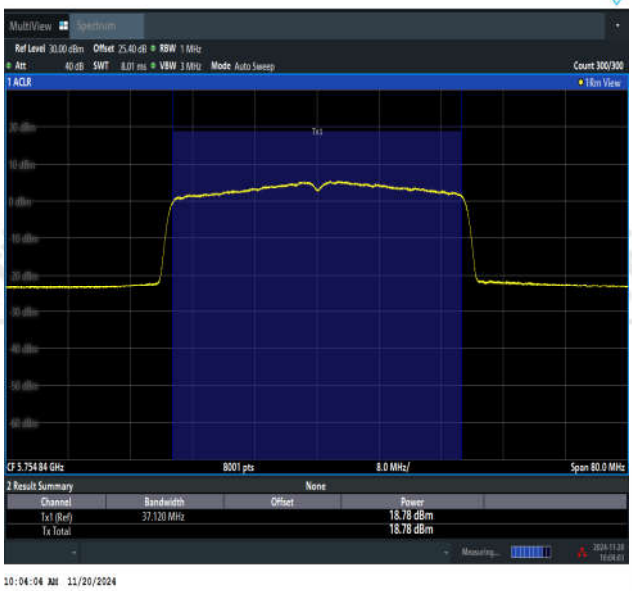


11BE40SISO-Ant1-5755-PASS



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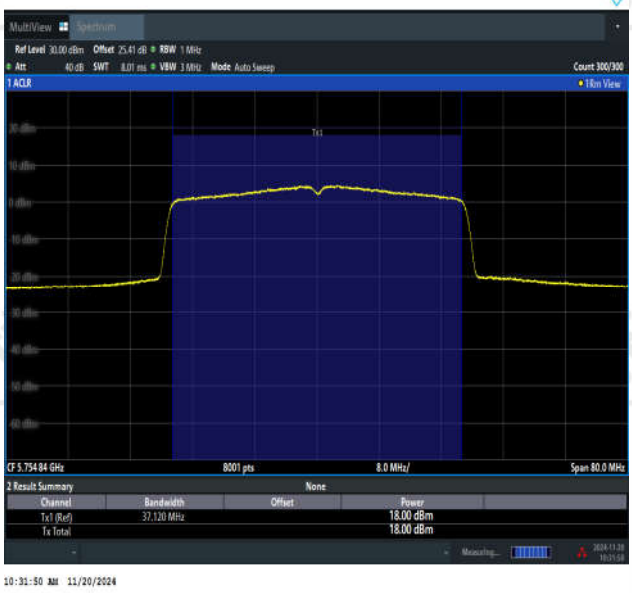
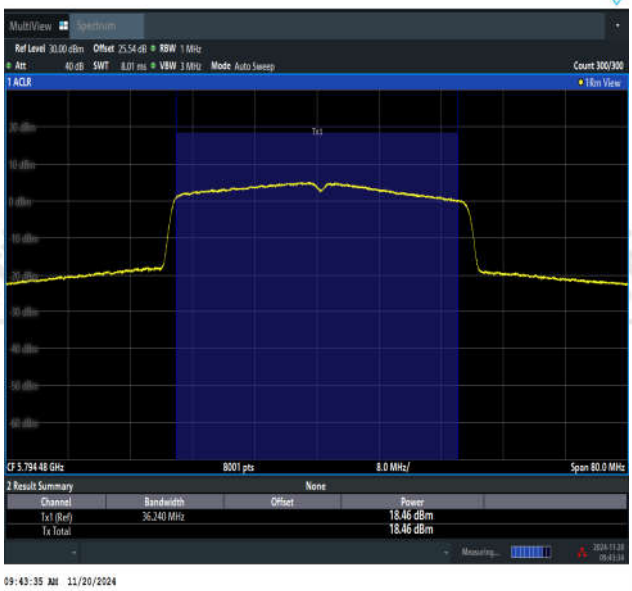


11BE40SISO-Ant3-5755-PASS



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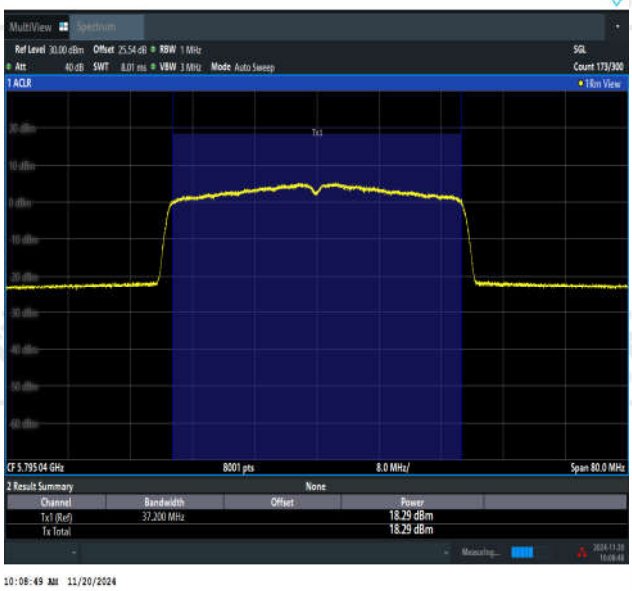

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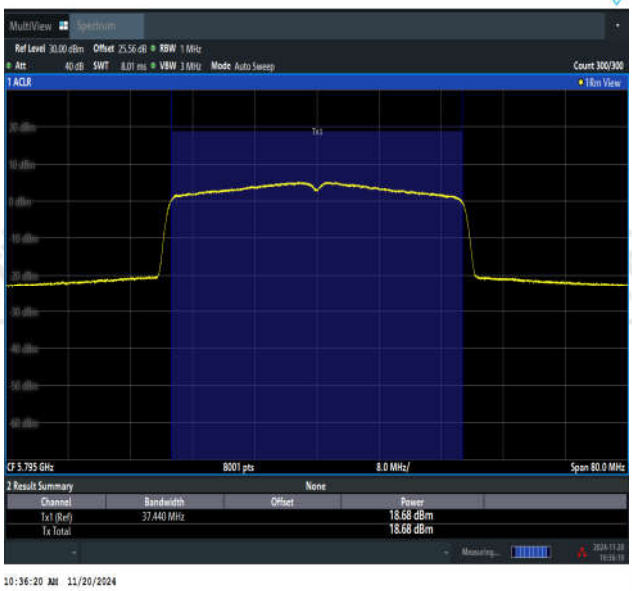

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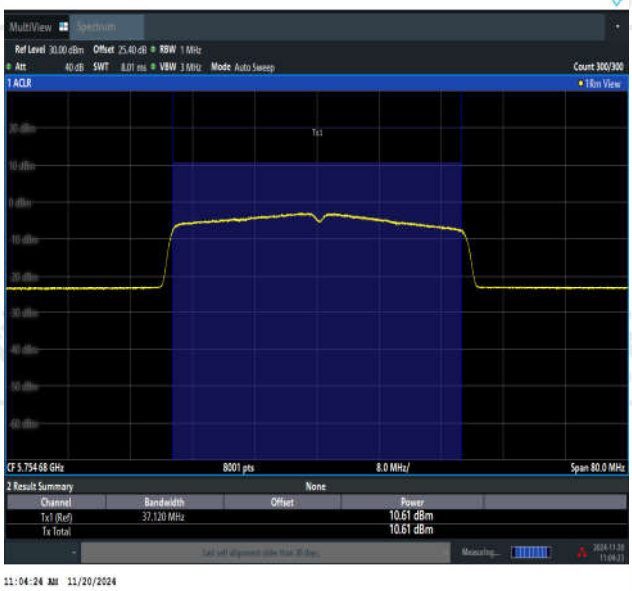
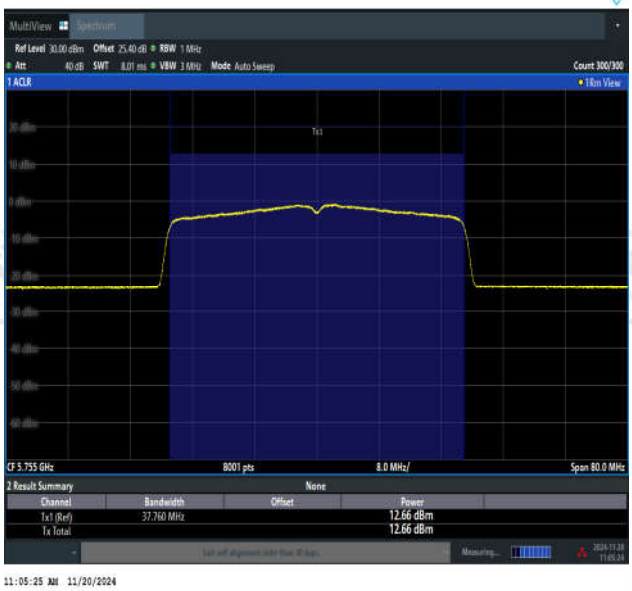


11BE40MIMO-Ant1-5755-PASS



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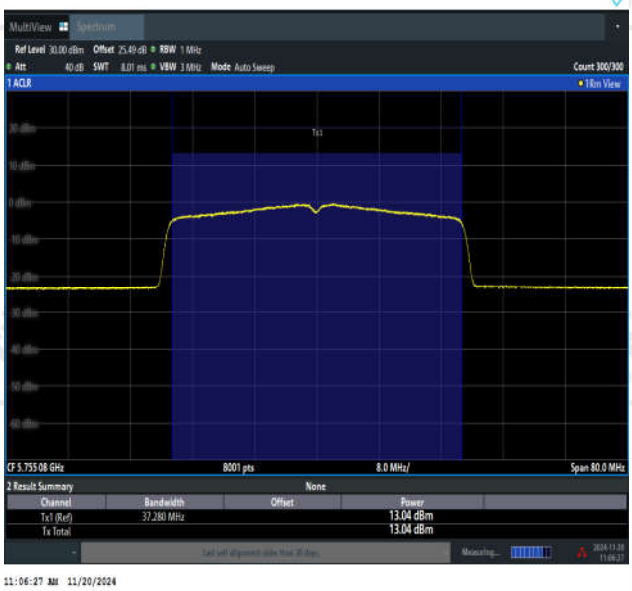

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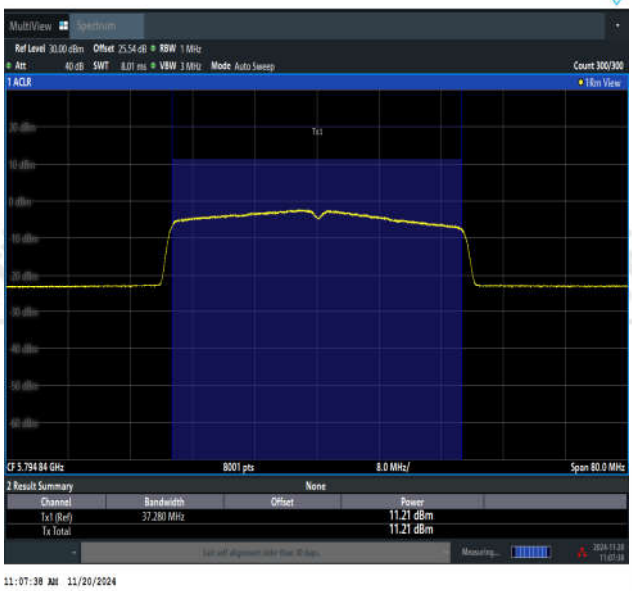
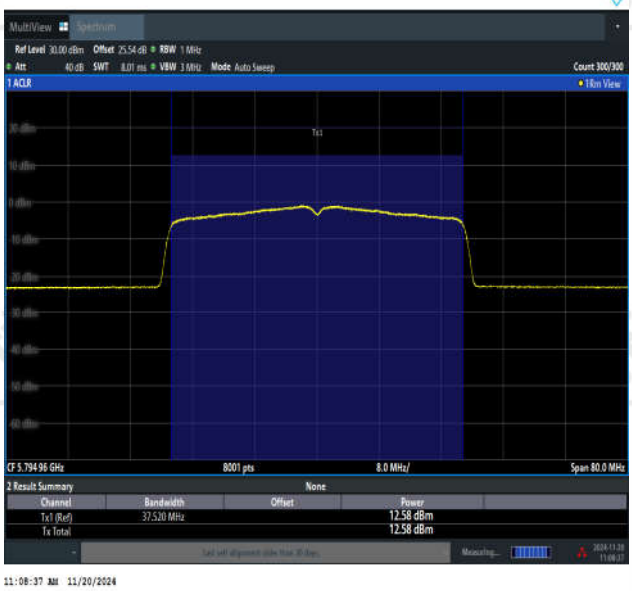


11BE40MIMO-Ant1-5795-PASS



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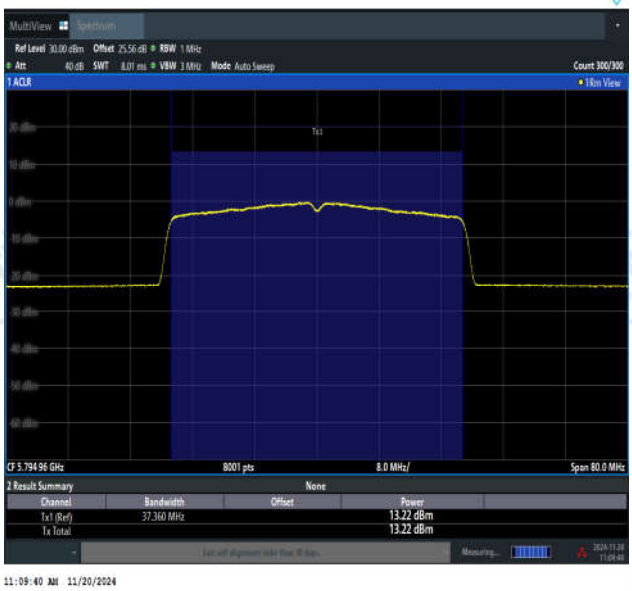
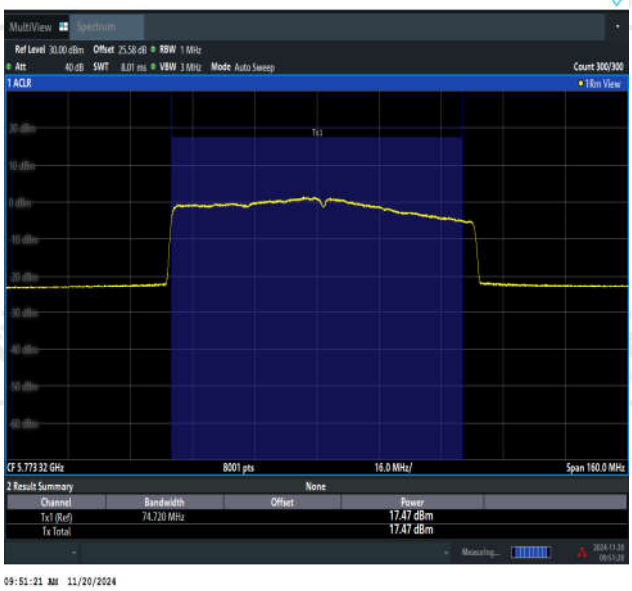


11BE40MIMO-Ant3-5795-PASS



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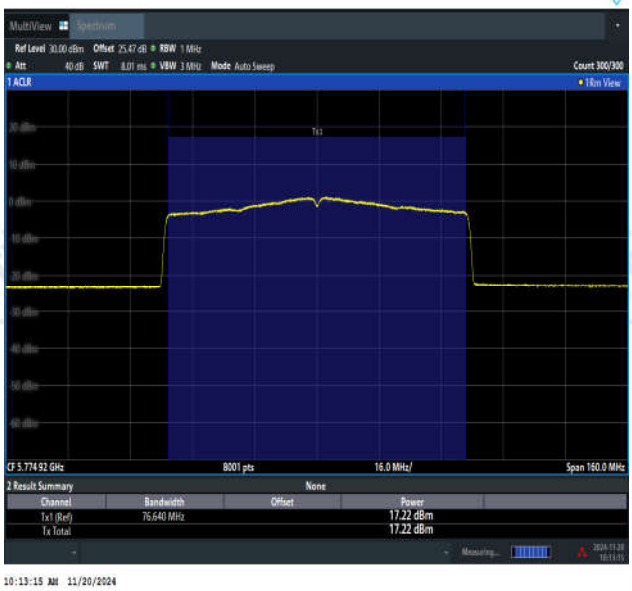

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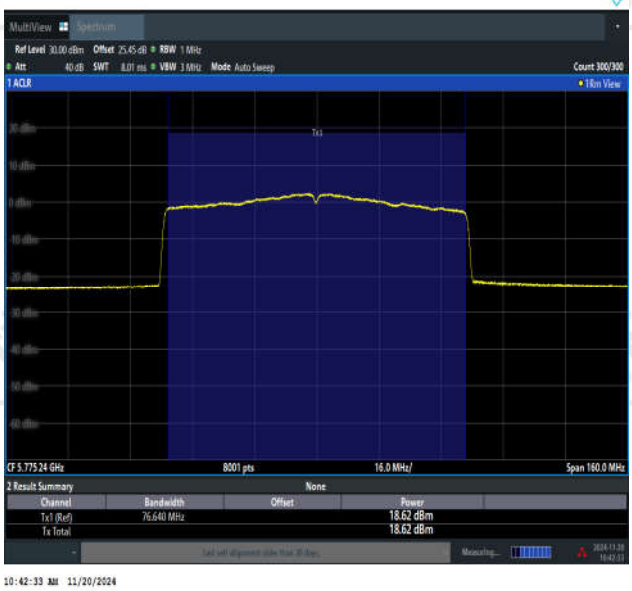
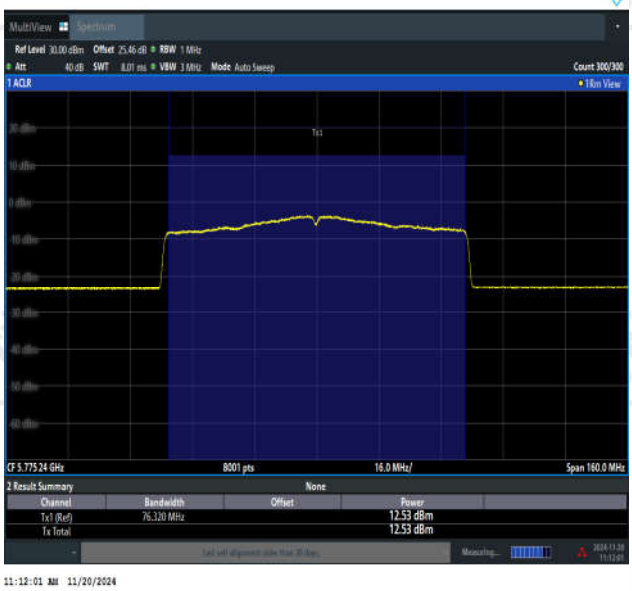
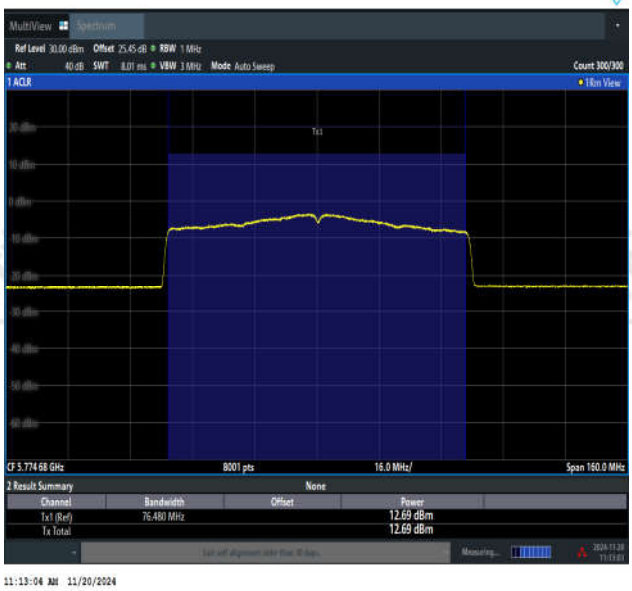


11BE80SISO-Ant3-5775-PASS

11BE80MIMO-Ant1-5775-PASS



11BE80MIMO-Ant2-5775-PASS



11BE80MIMO-Ant3-5775-PASS

Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result [dBm/500kHz]	Limit[dBm/500kHz]	Verdict
11A	Ant1	5745	4.17	30.00	PASS
11A	Ant2	5745	4.25	30.00	PASS
11A	Ant3	5745	4.11	30.00	PASS
11A	Ant1	5785	4.15	30.00	PASS
11A	Ant2	5785	3.93	30.00	PASS
11A	Ant3	5785	4.49	30.00	PASS
11A	Ant1	5825	3.92	30.00	PASS
11A	Ant2	5825	3.90	30.00	PASS
11A	Ant3	5825	4.17	30.00	PASS
11N20SISO	Ant1	5745	3.44	30.00	PASS
11N20SISO	Ant2	5745	3.26	30.00	PASS
11N20SISO	Ant3	5745	3.85	30.00	PASS
11N20SISO	Ant1	5785	3.86	30.00	PASS
11N20SISO	Ant2	5785	3.66	30.00	PASS
11N20SISO	Ant3	5785	4.11	30.00	PASS
11N20SISO	Ant1	5825	3.61	30.00	PASS
11N20SISO	Ant2	5825	3.88	30.00	PASS
11N20SISO	Ant3	5825	3.81	30.00	PASS
11N20MIMO	Ant1	5745	-3.11	30.00	PASS
11N20MIMO	Ant2	5745	-2.18	30.00	PASS
11N20MIMO	Ant3	5745	-1.90	30.00	PASS
11N20MIMO	total	5745	2.40	20.21	PASS
11N20MIMO	Ant1	5785	-2.60	30.00	PASS
11N20MIMO	Ant2	5785	-1.88	30.00	PASS
11N20MIMO	Ant3	5785	-1.58	30.00	PASS
11N20MIMO	total	5785	2.77	20.21	PASS
11N20MIMO	Ant1	5825	-2.29	30.00	PASS
11N20MIMO	Ant2	5825	-1.81	30.00	PASS
11N20MIMO	Ant3	5825	-1.35	30.00	PASS
11N20MIMO	total	5825	2.97	20.21	PASS
11N40SISO	Ant1	5755	1.38	30.00	PASS
11N40SISO	Ant2	5755	1.14	30.00	PASS
11N40SISO	Ant3	5755	1.69	30.00	PASS
11N40SISO	Ant1	5795	1.76	30.00	PASS
11N40SISO	Ant2	5795	1.55	30.00	PASS
11N40SISO	Ant3	5795	2.17	30.00	PASS

11N40MIMO	Ant1	5755	-6.12	30.00	PASS
11N40MIMO	Ant2	5755	-5.37	30.00	PASS
11N40MIMO	Ant3	5755	-5.19	30.00	PASS
11N40MIMO	total	5755	-0.77	20.21	PASS
11N40MIMO	Ant1	5795	-5.35	30.00	PASS
11N40MIMO	Ant2	5795	-5.09	30.00	PASS
11N40MIMO	Ant3	5795	-4.49	30.00	PASS
11N40MIMO	total	5795	-0.19	20.21	PASS
11AC20SISO	Ant1	5745	3.72	30.00	PASS
11AC20SISO	Ant2	5745	3.42	30.00	PASS
11AC20SISO	Ant3	5745	4.18	30.00	PASS
11AC20SISO	Ant1	5785	3.98	30.00	PASS
11AC20SISO	Ant2	5785	3.88	30.00	PASS
11AC20SISO	Ant3	5785	4.33	30.00	PASS
11AC20SISO	Ant1	5825	3.93	30.00	PASS
11AC20SISO	Ant2	5825	3.99	30.00	PASS
11AC20SISO	Ant3	5825	4.22	30.00	PASS
11AC20MIMO	Ant1	5745	-4.25	30.00	PASS
11AC20MIMO	Ant2	5745	-2.83	30.00	PASS
11AC20MIMO	Ant3	5745	-2.93	30.00	PASS
11AC20MIMO	total	5745	1.48	20.21	PASS
11AC20MIMO	Ant1	5785	-3.70	30.00	PASS
11AC20MIMO	Ant2	5785	-2.68	30.00	PASS
11AC20MIMO	Ant3	5785	-2.39	30.00	PASS
11AC20MIMO	total	5785	1.88	20.21	PASS
11AC20MIMO	Ant1	5825	-3.42	30.00	PASS
11AC20MIMO	Ant2	5825	-2.47	30.00	PASS
11AC20MIMO	Ant3	5825	-2.24	30.00	PASS
11AC20MIMO	total	5825	2.09	20.21	PASS
11AC40SISO	Ant1	5755	1.56	30.00	PASS
11AC40SISO	Ant2	5755	1.77	30.00	PASS
11AC40SISO	Ant3	5755	1.78	30.00	PASS
11AC40SISO	Ant1	5795	1.53	30.00	PASS
11AC40SISO	Ant2	5795	1.54	30.00	PASS
11AC40SISO	Ant3	5795	2.17	30.00	PASS
11AC40MIMO	Ant1	5755	-6.06	30.00	PASS
11AC40MIMO	Ant2	5755	-5.09	30.00	PASS
11AC40MIMO	Ant3	5755	-5.02	30.00	PASS
11AC40MIMO	total	5755	-0.59	20.21	PASS
11AC40MIMO	Ant1	5795	-5.20	30.00	PASS
11AC40MIMO	Ant2	5795	-4.50	30.00	PASS

11AC40MIMO	Ant3	5795	-4.53	30.00	PASS
11AC40MIMO	total	5795	0.04	20.21	PASS
11AC80SISO	Ant1	5775	-1.25	30.00	PASS
11AC80SISO	Ant2	5775	-1.44	30.00	PASS
11AC80SISO	Ant3	5775	-0.85	30.00	PASS
11AC80MIMO	Ant1	5775	-8.59	30.00	PASS
11AC80MIMO	Ant2	5775	-8.13	30.00	PASS
11AC80MIMO	Ant3	5775	-7.27	30.00	PASS
11AC80MIMO	total	5775	-3.19	20.21	PASS
11AX20SISO	Ant1	5745	3.44	30.00	PASS
11AX20SISO	Ant2	5745	3.77	30.00	PASS
11AX20SISO	Ant3	5745	4.58	30.00	PASS
11AX20SISO	Ant1	5785	3.67	30.00	PASS
11AX20SISO	Ant2	5785	3.92	30.00	PASS
11AX20SISO	Ant3	5785	4.11	30.00	PASS
11AX20SISO	Ant1	5825	3.51	30.00	PASS
11AX20SISO	Ant2	5825	3.90	30.00	PASS
11AX20SISO	Ant3	5825	4.32	30.00	PASS
11AX20MIMO	Ant1	5745	-3.93	30.00	PASS
11AX20MIMO	Ant2	5745	-3.21	30.00	PASS
11AX20MIMO	Ant3	5745	-2.82	30.00	PASS
11AX20MIMO	total	5745	1.48	20.21	PASS
11AX20MIMO	Ant1	5785	-3.57	30.00	PASS
11AX20MIMO	Ant2	5785	-2.79	30.00	PASS
11AX20MIMO	Ant3	5785	-2.40	30.00	PASS
11AX20MIMO	total	5785	1.88	20.21	PASS
11AX20MIMO	Ant1	5825	-3.34	30.00	PASS
11AX20MIMO	Ant2	5825	-2.50	30.00	PASS
11AX20MIMO	Ant3	5825	-2.21	30.00	PASS
11AX20MIMO	total	5825	2.11	20.21	PASS
11AX40SISO	Ant1	5755	1.58	30.00	PASS
11AX40SISO	Ant2	5755	2.04	30.00	PASS
11AX40SISO	Ant3	5755	1.77	30.00	PASS
11AX40SISO	Ant1	5795	1.27	30.00	PASS
11AX40SISO	Ant2	5795	2.21	30.00	PASS
11AX40SISO	Ant3	5795	2.25	30.00	PASS
11AX40MIMO	Ant1	5755	-6.07	30.00	PASS
11AX40MIMO	Ant2	5755	-5.05	30.00	PASS
11AX40MIMO	Ant3	5755	-4.82	30.00	PASS
11AX40MIMO	total	5755	-0.51	20.21	PASS
11AX40MIMO	Ant1	5795	-5.24	30.00	PASS

11AX40MIMO	Ant2	5795	-4.62	30.00	PASS
11AX40MIMO	Ant3	5795	-4.41	30.00	PASS
11AX40MIMO	total	5795	0.03	20.21	PASS
11AX80SISO	Ant1	5775	-1.92	30.00	PASS
11AX80SISO	Ant2	5775	-1.32	30.00	PASS
11AX80SISO	Ant3	5775	-1.24	30.00	PASS
11AX80MIMO	Ant1	5775	-9.14	30.00	PASS
11AX80MIMO	Ant2	5775	-8.14	30.00	PASS
11AX80MIMO	Ant3	5775	-7.75	30.00	PASS
11AX80MIMO	total	5775	-3.53	20.21	PASS
11BE20SISO	Ant1	5745	4.13	30.00	PASS
11BE20SISO	Ant2	5745	6.05	30.00	PASS
11BE20SISO	Ant3	5745	5.42	30.00	PASS
11BE20SISO	Ant1	5785	4.82	30.00	PASS
11BE20SISO	Ant2	5785	6.16	30.00	PASS
11BE20SISO	Ant3	5785	5.36	30.00	PASS
11BE20SISO	Ant1	5825	5.75	30.00	PASS
11BE20SISO	Ant2	5825	4.89	30.00	PASS
11BE20SISO	Ant3	5825	5.98	30.00	PASS
11BE20MIMO	Ant1	5745	-2.02	30.00	PASS
11BE20MIMO	Ant2	5745	-0.58	30.00	PASS
11BE20MIMO	Ant3	5745	-0.42	30.00	PASS
11BE20MIMO	total	5745	3.82	20.21	PASS
11BE20MIMO	Ant1	5785	-1.64	30.00	PASS
11BE20MIMO	Ant2	5785	-0.16	30.00	PASS
11BE20MIMO	Ant3	5785	0.18	30.00	PASS
11BE20MIMO	total	5785	4.30	20.21	PASS
11BE20MIMO	Ant1	5825	-1.44	30.00	PASS
11BE20MIMO	Ant2	5825	0.06	30.00	PASS
11BE20MIMO	Ant3	5825	0.47	30.00	PASS
11BE20MIMO	total	5825	4.54	20.21	PASS
11BE40SISO	Ant1	5755	2.39	30.00	PASS
11BE40SISO	Ant2	5755	3.33	30.00	PASS
11BE40SISO	Ant3	5755	3.58	30.00	PASS
11BE40SISO	Ant1	5795	2.93	30.00	PASS
11BE40SISO	Ant2	5795	2.86	30.00	PASS
11BE40SISO	Ant3	5795	3.90	30.00	PASS
11BE40MIMO	Ant1	5755	-4.18	30.00	PASS
11BE40MIMO	Ant2	5755	-2.64	30.00	PASS
11BE40MIMO	Ant3	5755	-1.95	30.00	PASS
11BE40MIMO	total	5755	1.94	20.21	PASS

11BE40MIMO	Ant1	5795	-3.68	30.00	PASS
11BE40MIMO	Ant2	5795	-2.26	30.00	PASS
11BE40MIMO	Ant3	5795	-1.91	30.00	PASS
11BE40MIMO	total	5795	2.22	20.21	PASS
11BE80SISO	Ant1	5775	-0.62	30.00	PASS
11BE80SISO	Ant2	5775	-0.78	30.00	PASS
11BE80SISO	Ant3	5775	0.09	30.00	PASS
11BE80MIMO	Ant1	5775	-6.91	30.00	PASS
11BE80MIMO	Ant2	5775	-5.39	30.00	PASS
11BE80MIMO	Ant3	5775	-4.83	30.00	PASS
11BE80MIMO	total	5775	-0.85	20.21	PASS

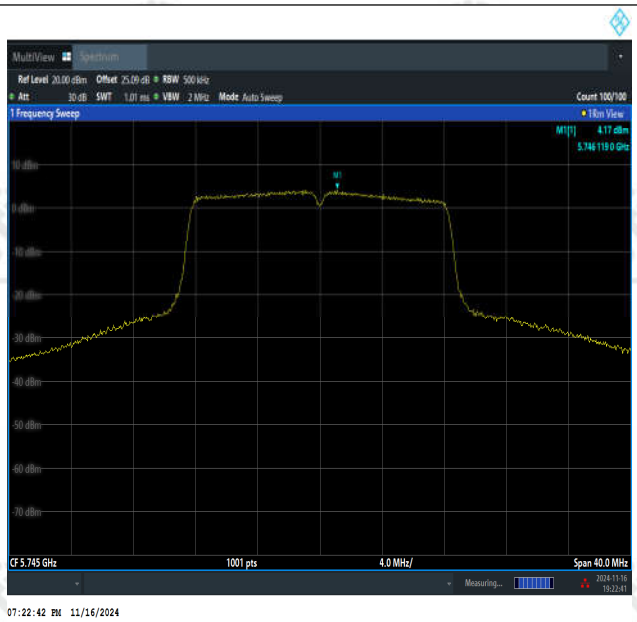
Note：

①The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

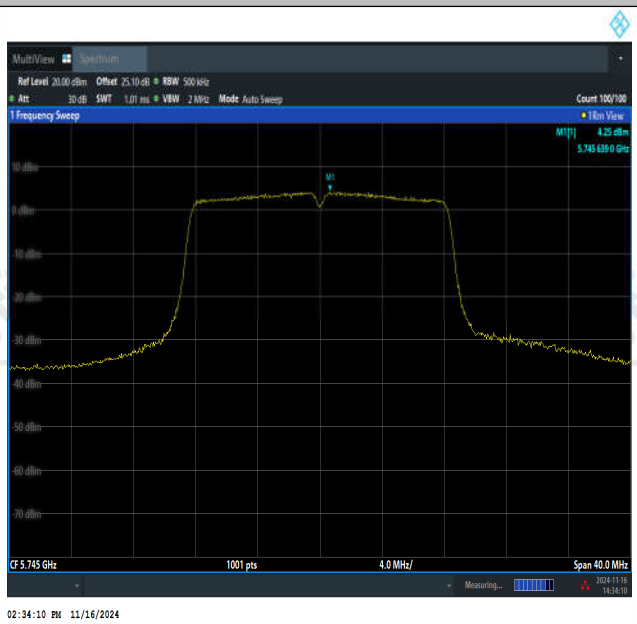
②The Duty Cycle Factor and RBW Factor is compensated in the graph.

③Directional gain(dBi)=6.52+10*lg(3)+4.50=15.79dBi;

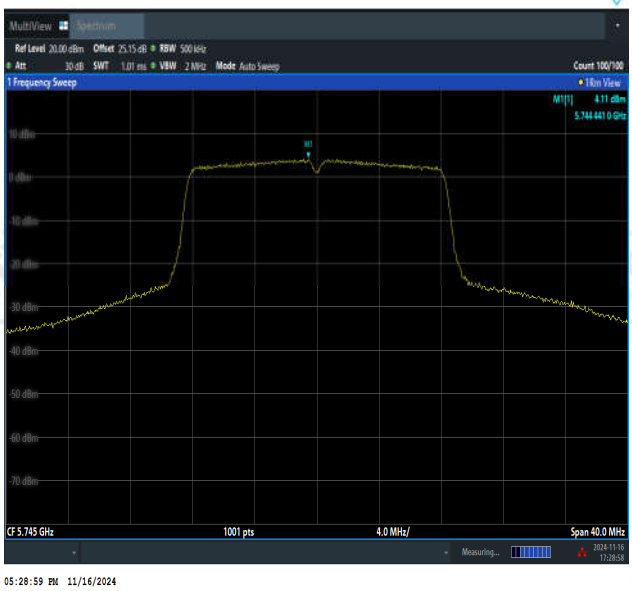
Test Graphs



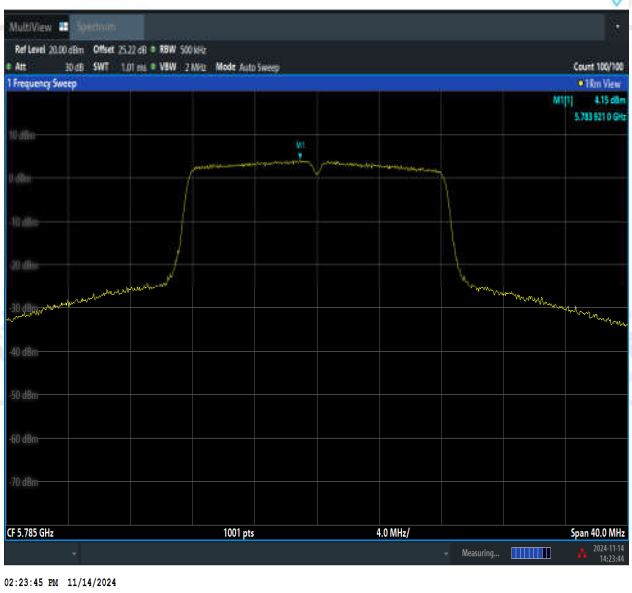
11A-Ant1-5745-PASS



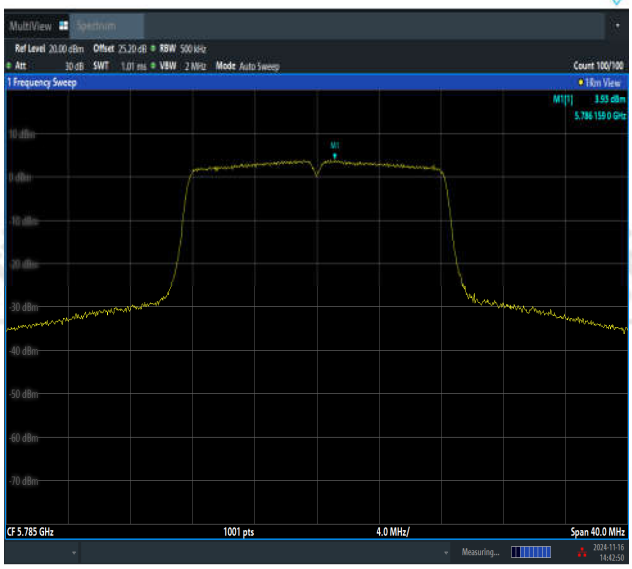
11A-Ant2-5745-PASS



11A-Ant3-5745-PASS

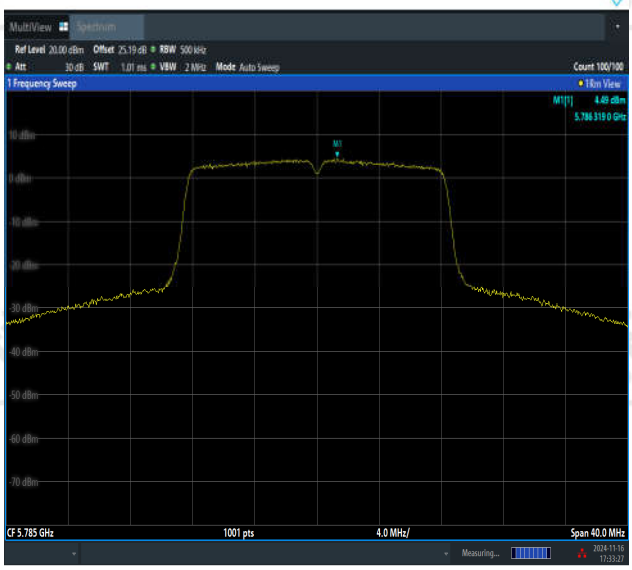


11A-Ant1-5785-PASS



02:42:50 PM 11/16/2024

11A-Ant2-5785-PASS



05:33:27 PM 11/16/2024

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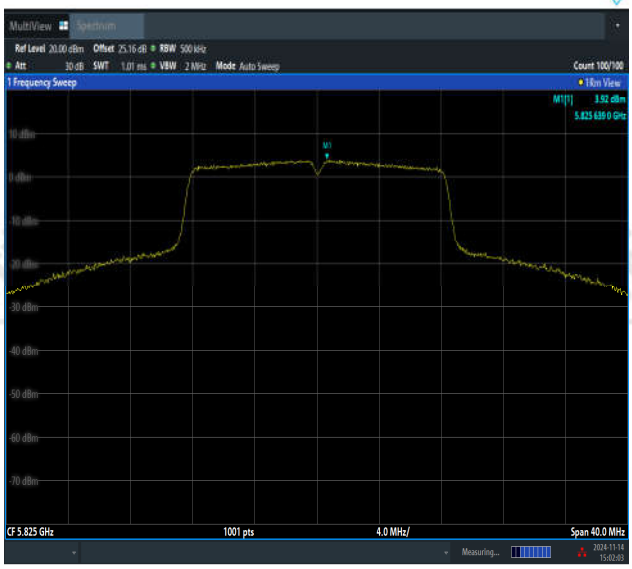
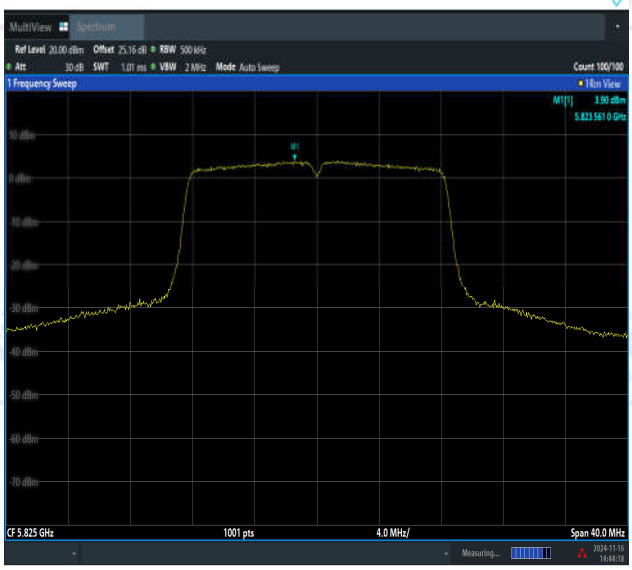


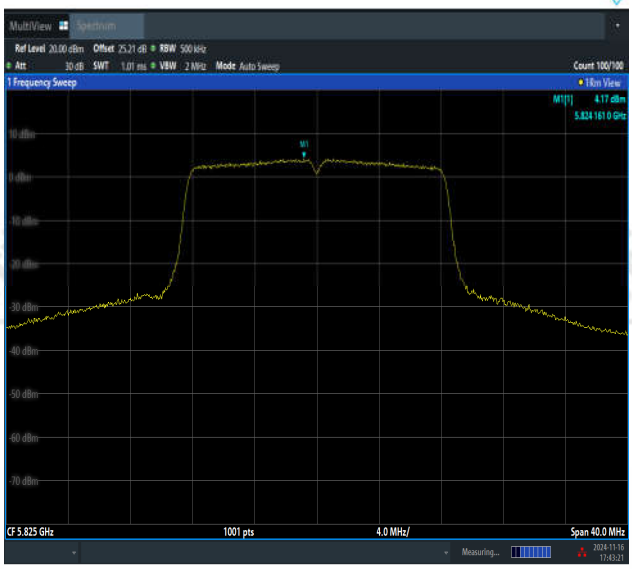
03:02:03 PM 11/14/2024

11A-Ant1-5825-PASS

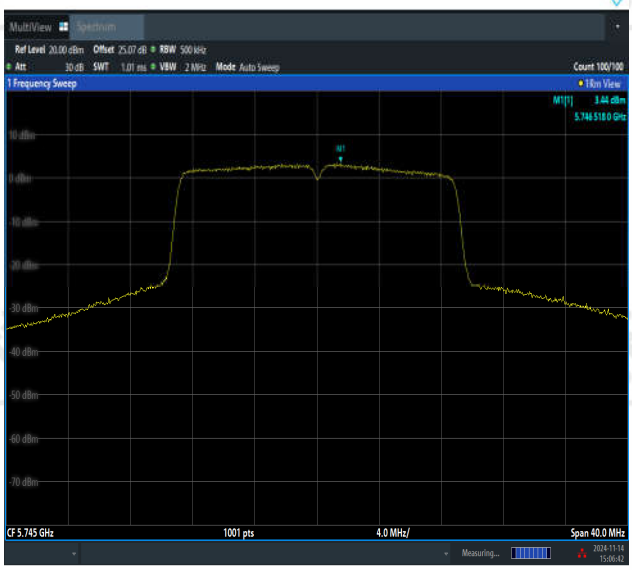


02:44:18 PM 11/16/2024

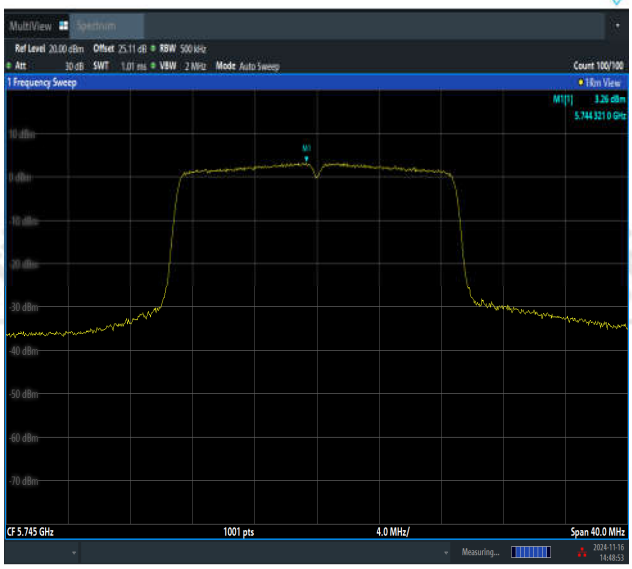
11A-Ant2-5825-PASS



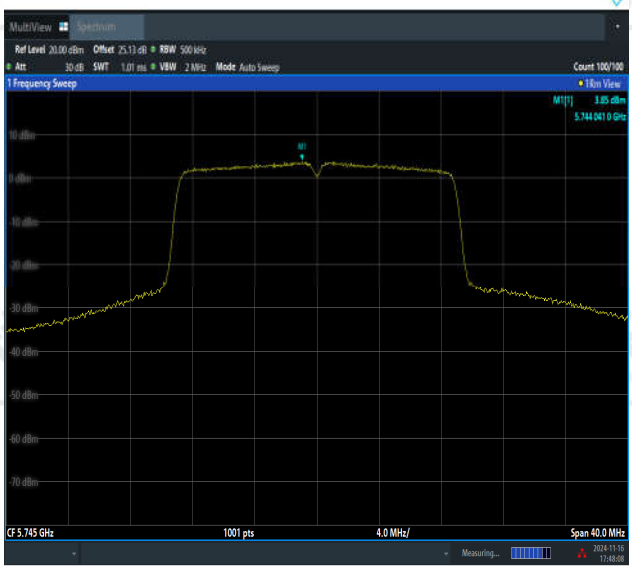
11A-Ant3-5825-PASS



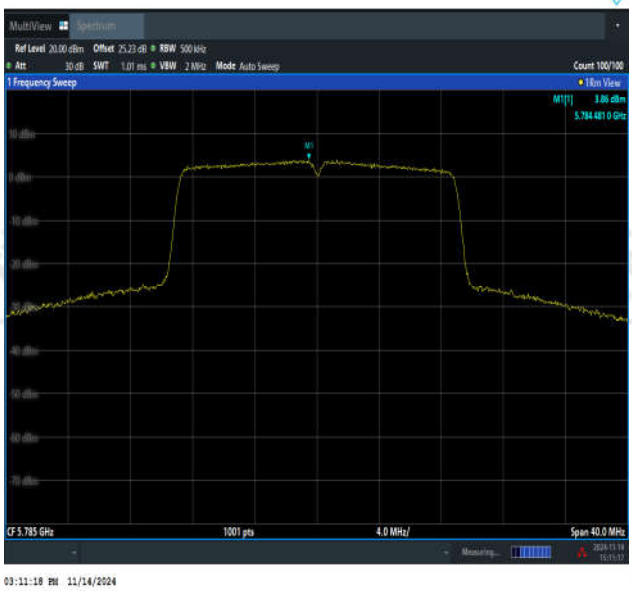
11N20SISO-Ant1-5745-PASS



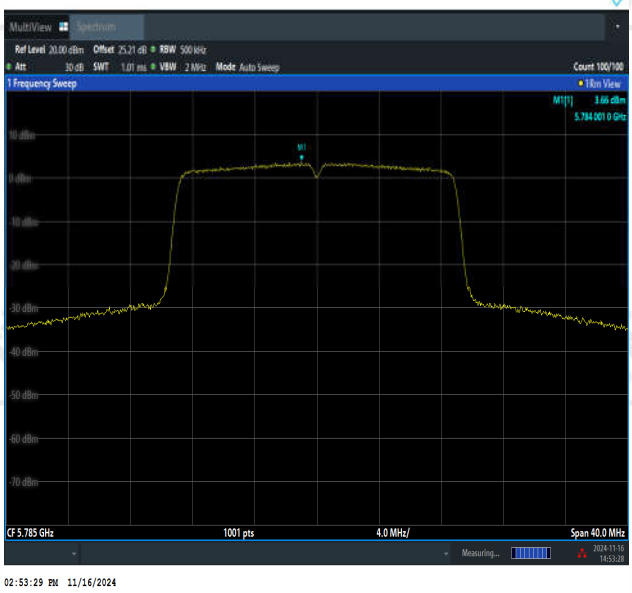
11N20SISO-Ant2-5745-PASS



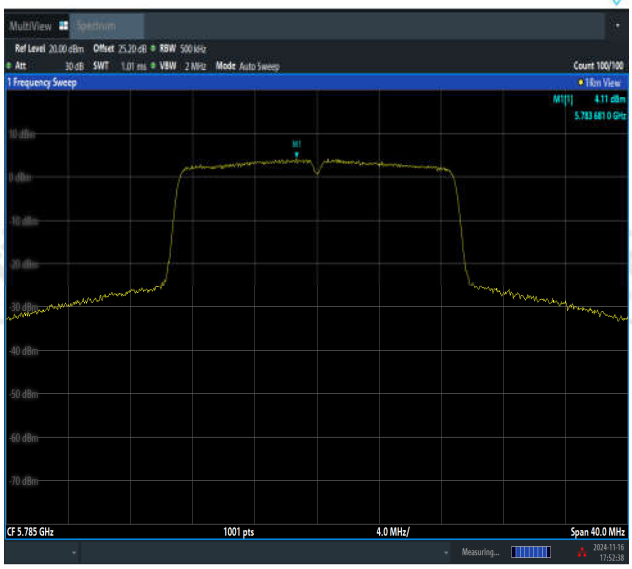
11N20SISO-Ant3-5745-PASS



11N20SISO-Ant1-5785-PASS



11N20SISO-Ant2-5785-PASS



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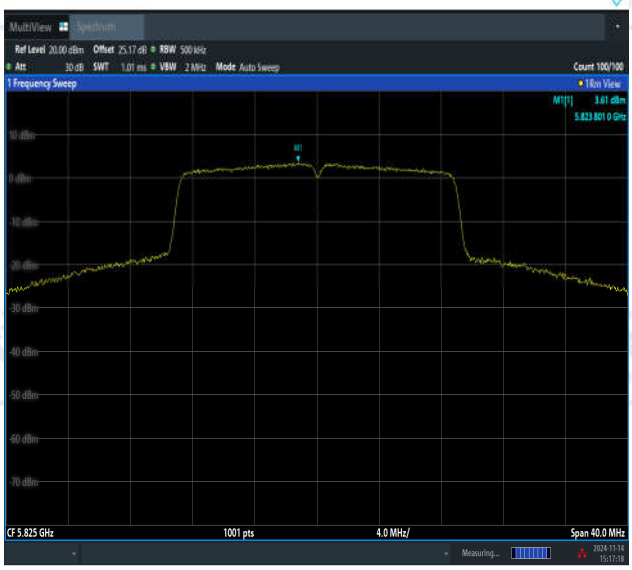
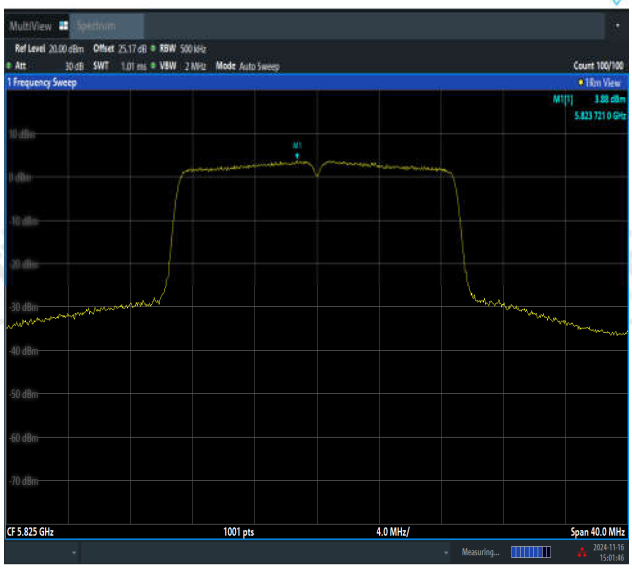
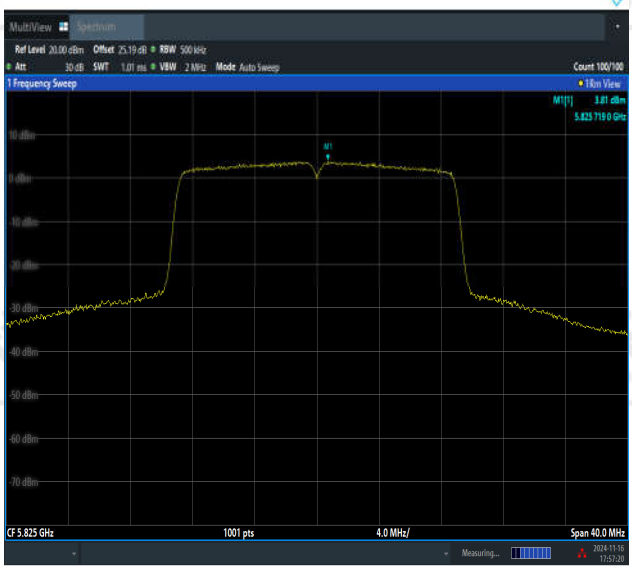


11N20SISO-Ant1-5825-PASS



03:01:47 PM 11/16/2024

11N20SISO-Ant2-5825-PASS



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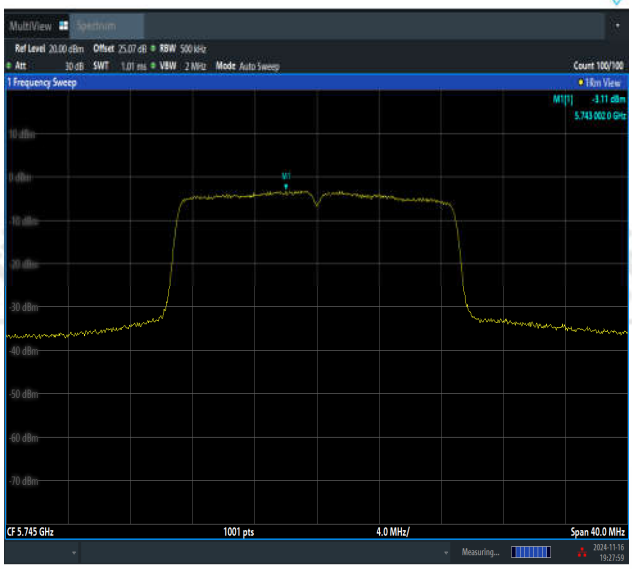
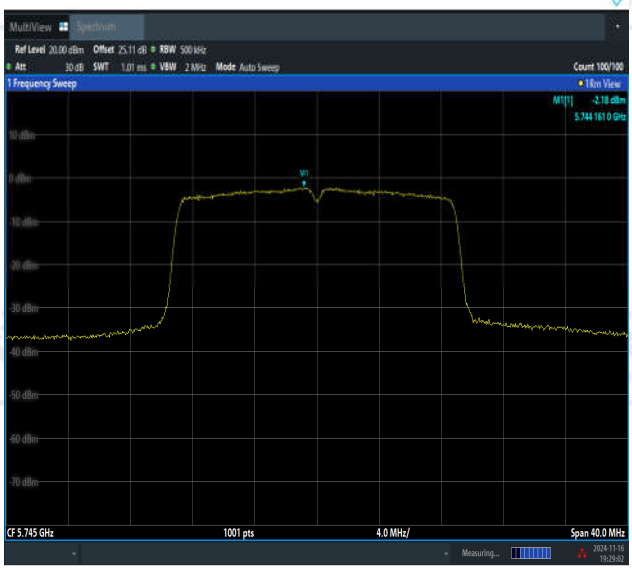
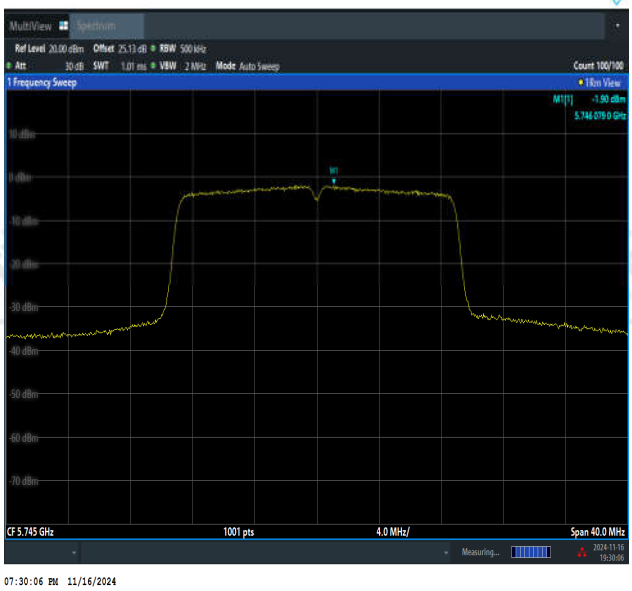
11N20SISO-Ant3-5825-PASS



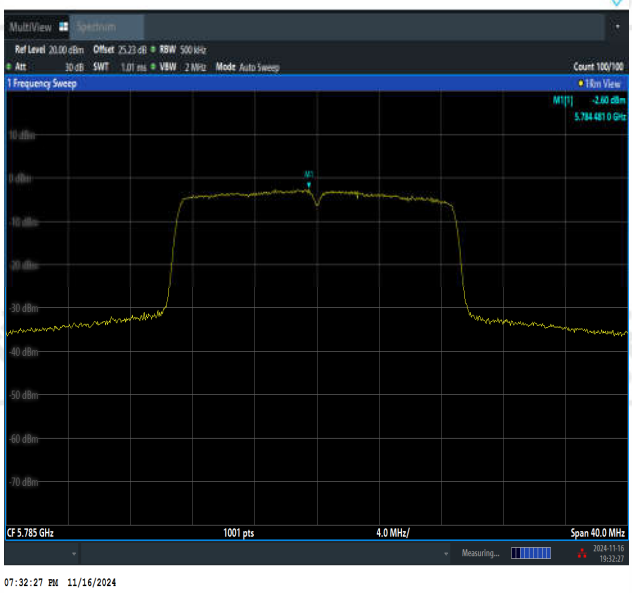
11N20MIMO-Ant1-5745-PASS



11N20MIMO-Ant2-5745-PASS

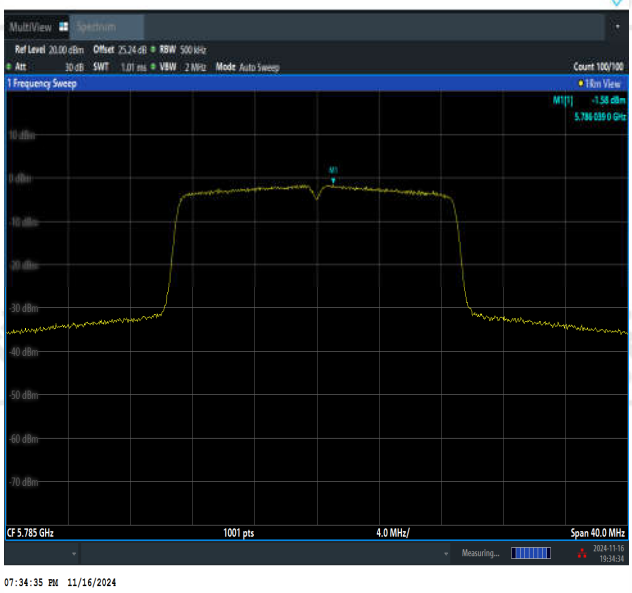


11N20MIMO-Ant3-5745-PASS

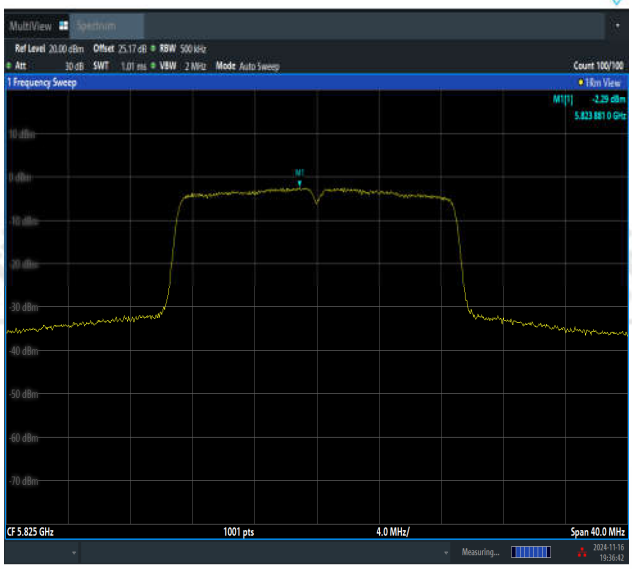


11N20MIMO-Ant1-5785-PASS

11N20MIMO-Ant2-5785-PASS



11N20MIMO-Ant3-5785-PASS



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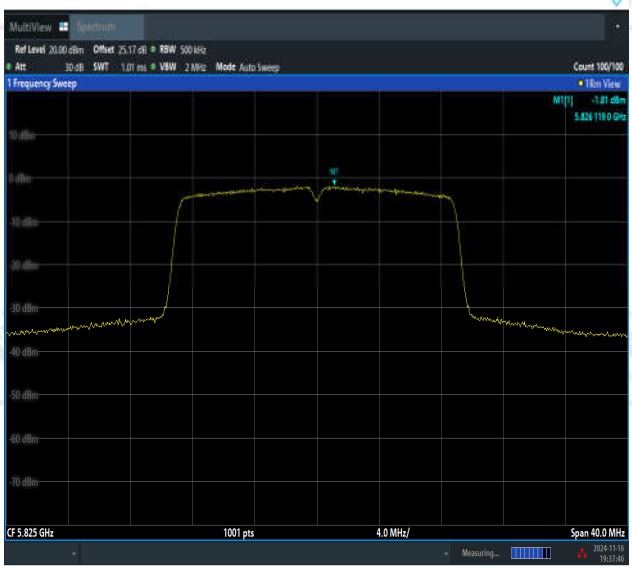
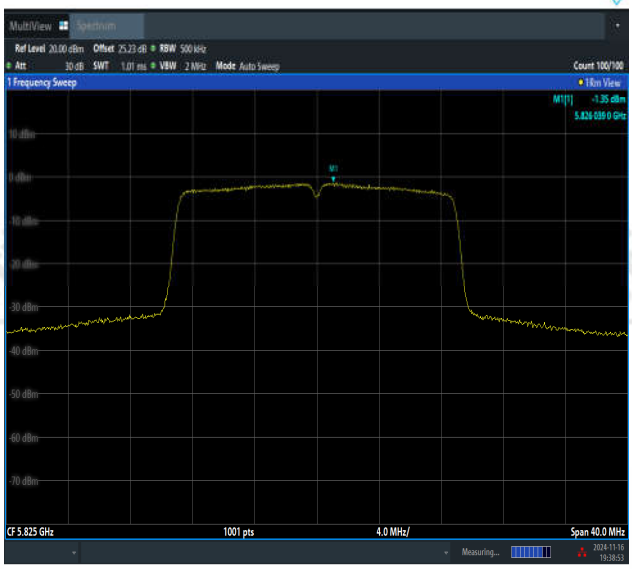
11N20MIMO-Ant1-5825-PASS



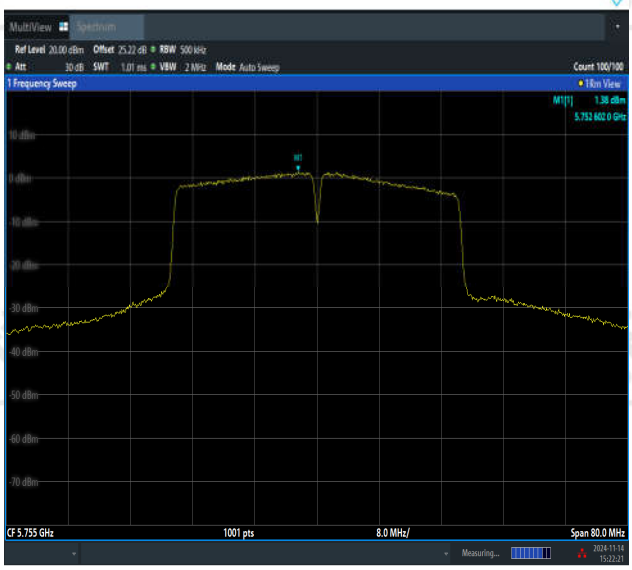
07:37:46 PM 11/16/2024

11N20MIMO-Ant2-5825-PASS



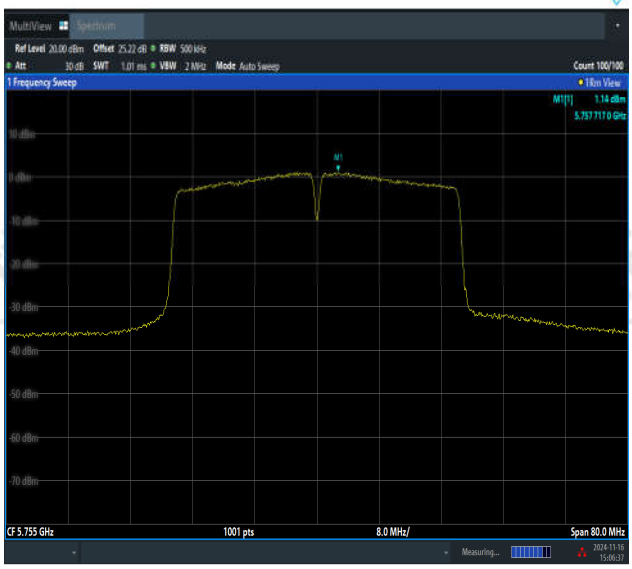
07:38:54 PM 11/16/2024

11N20MIMO-Ant3-5825-PASS



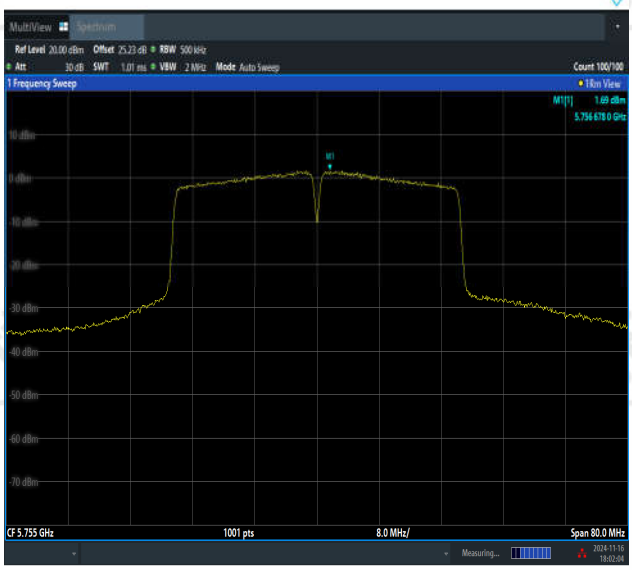
03:22:22 PM 11/14/2024

11N40SISO-Ant1-5755-PASS



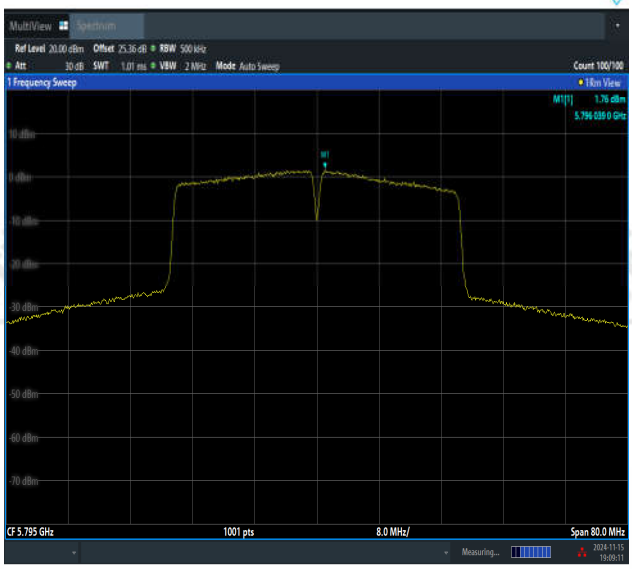
03:06:38 PM 11/16/2024

11N40SISO-Ant2-5755-PASS



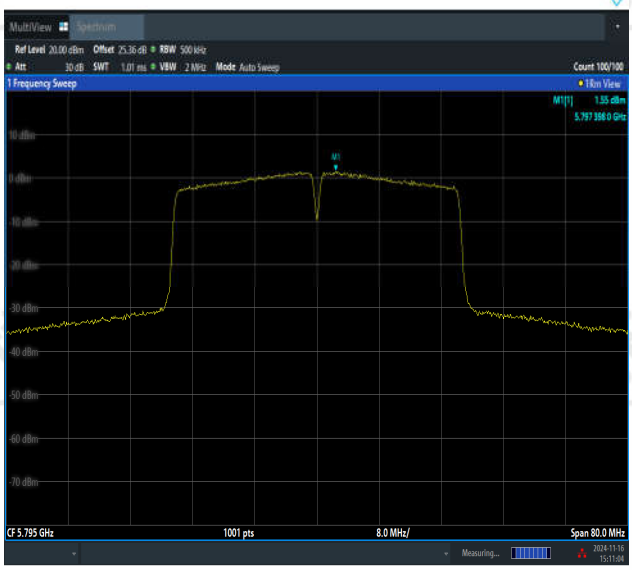
06:02:04 PM 11/16/2024

11N40SISO-Ant3-5755-PASS



07:09:12 PM 11/15/2024

11N40SISO-Ant1-5795-PASS



03:11:05 PM 11/16/2024

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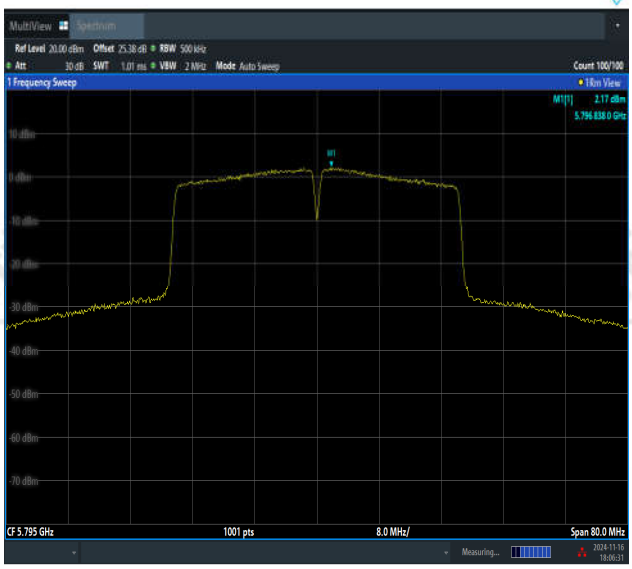
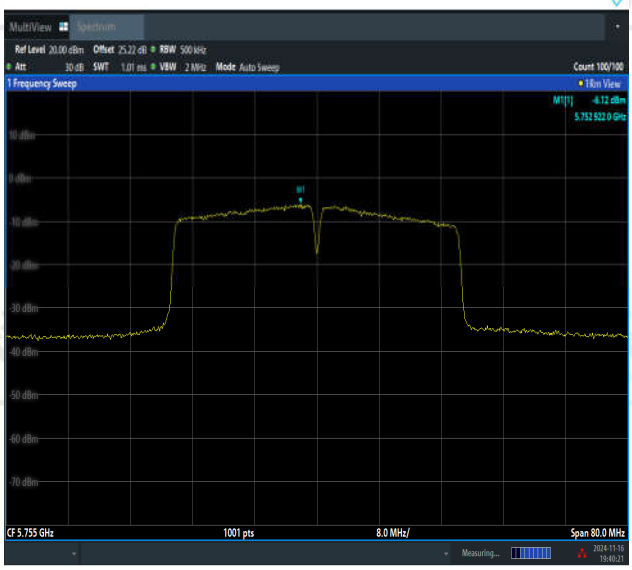
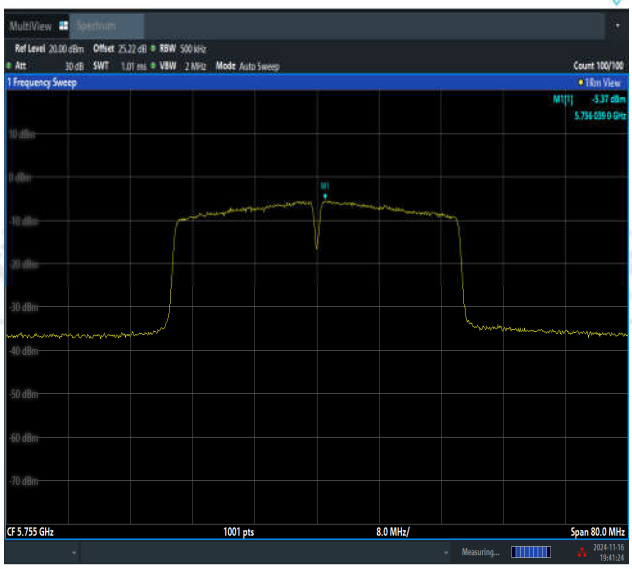


11N40SISO-Ant3-5795-PASS



11N40MIMO-Ant1-5755-PASS



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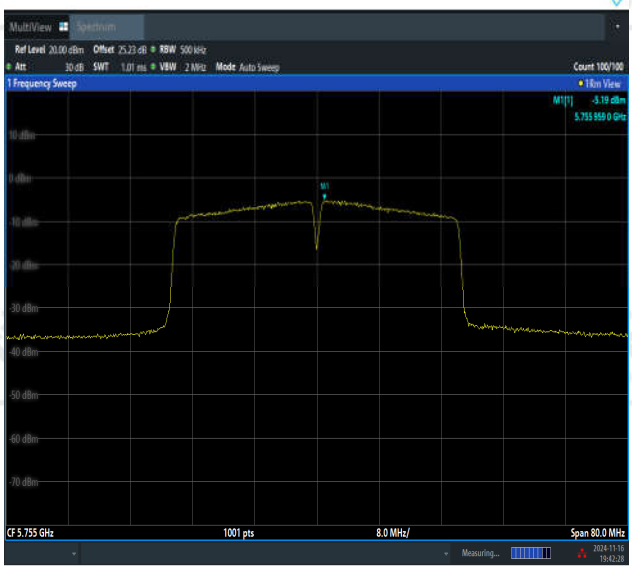
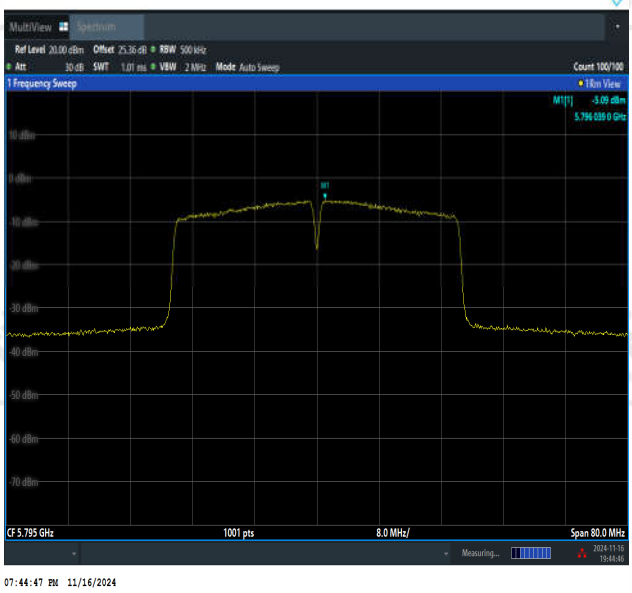


11N40MIMO-Ant3-5755-PASS

11N40MIMO-Ant1-5795-PASS



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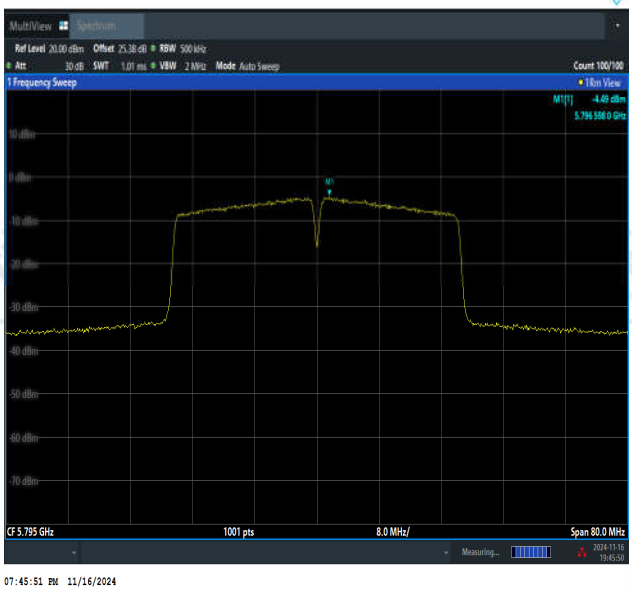

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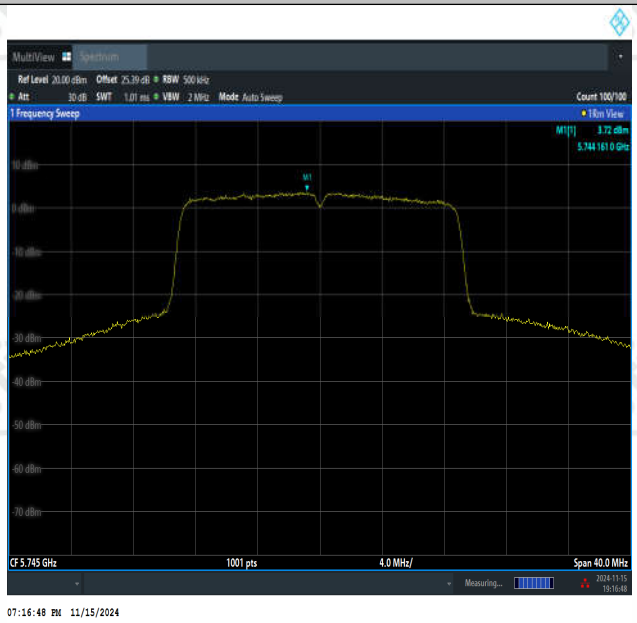

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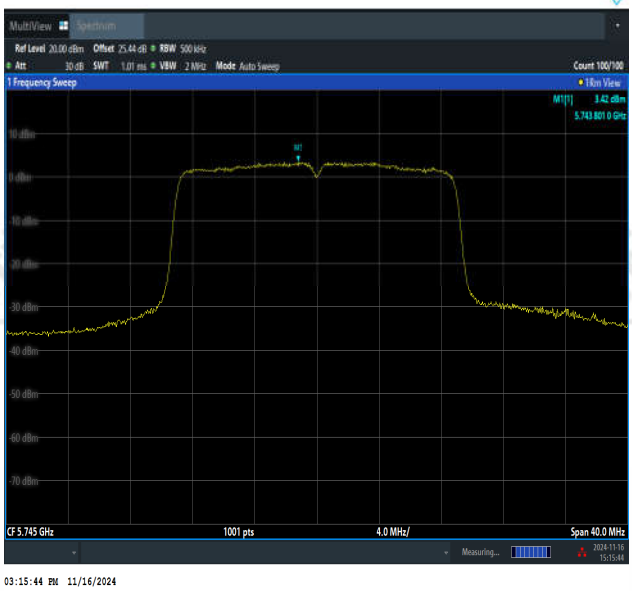
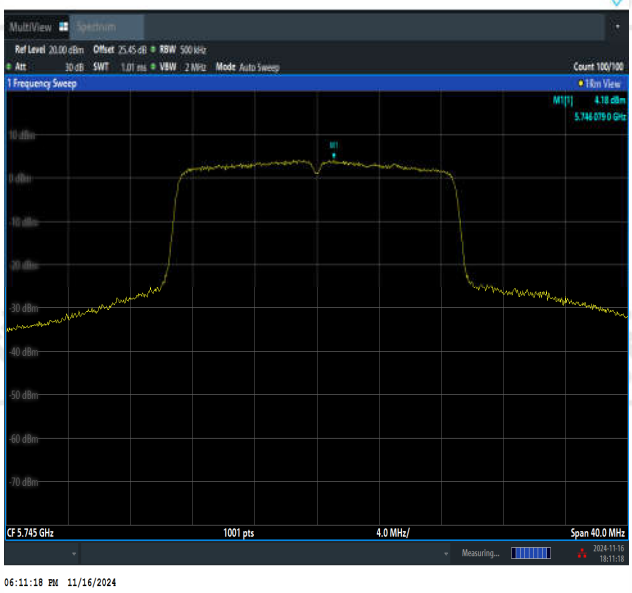
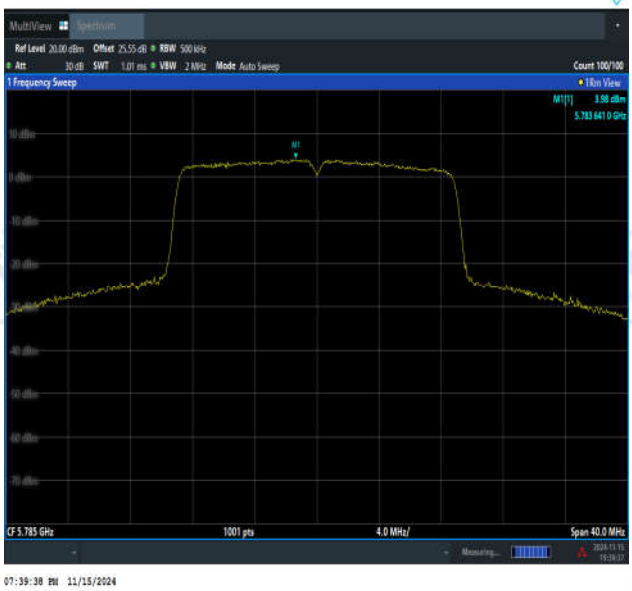


11AC20SISO-Ant2-5745-PASS



11AC20SISO-Ant3-5745-PASS



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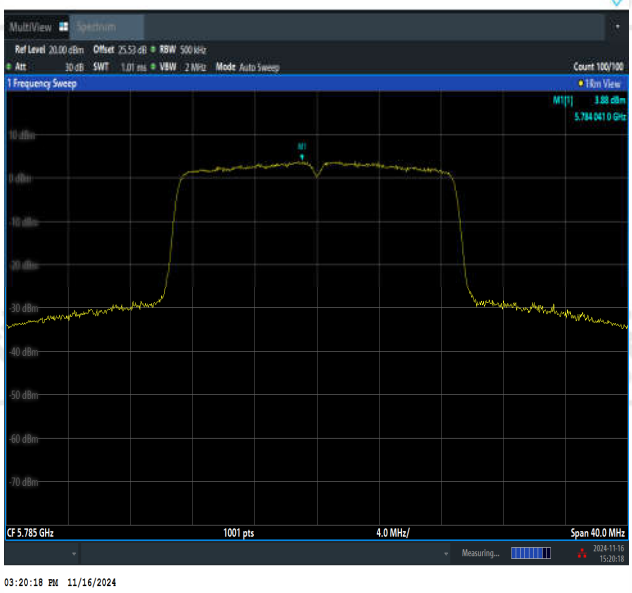

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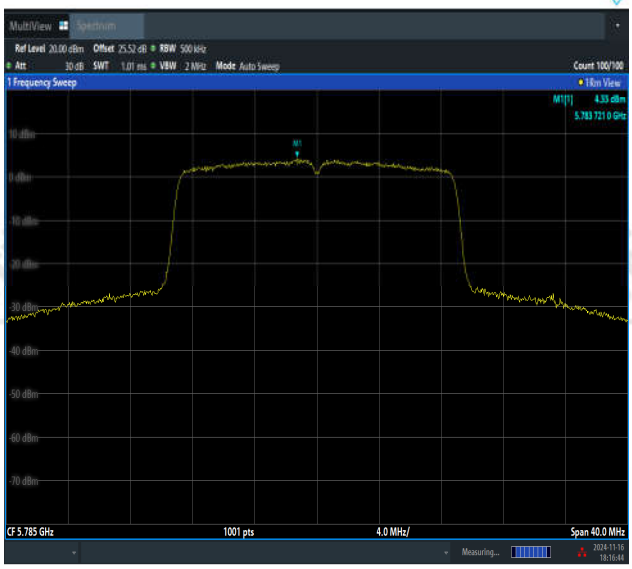
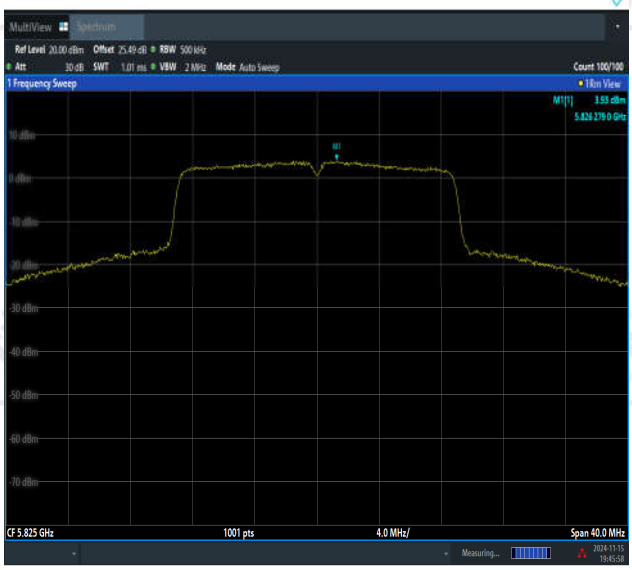
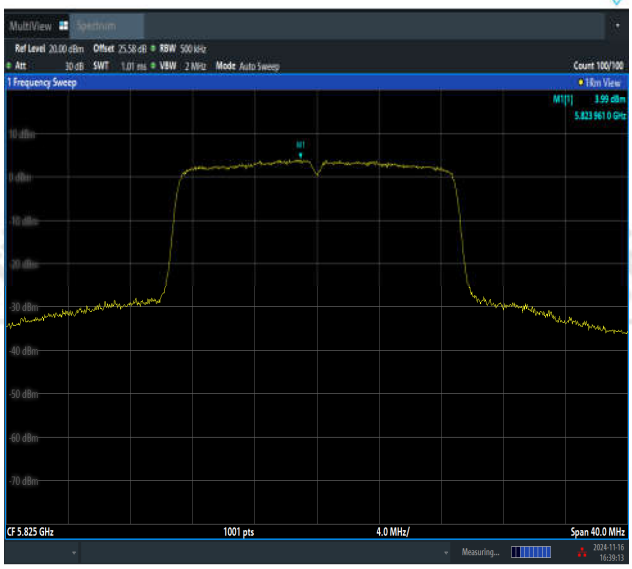


11AC20SISO-Ant3-5785-PASS



11AC20SISO-Ant1-5825-PASS



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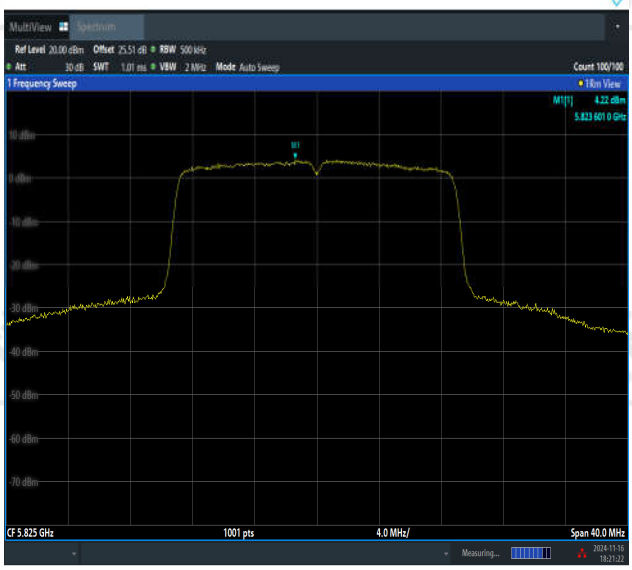

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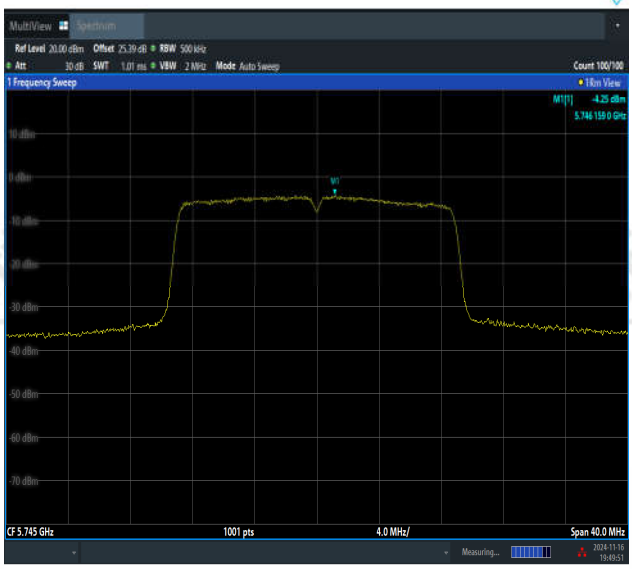

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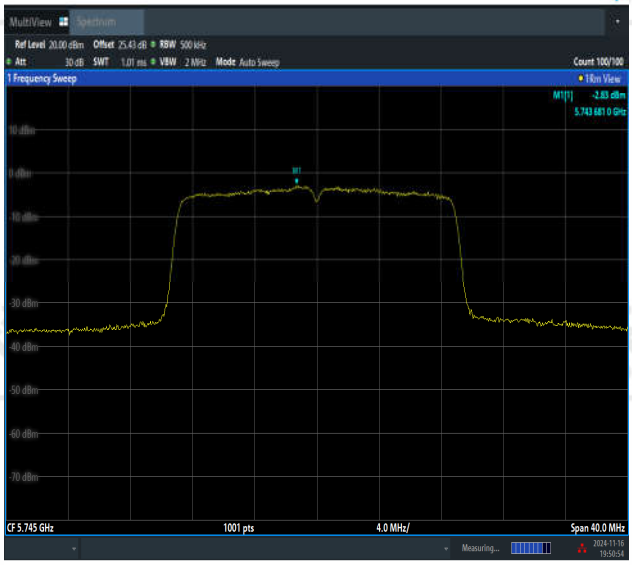
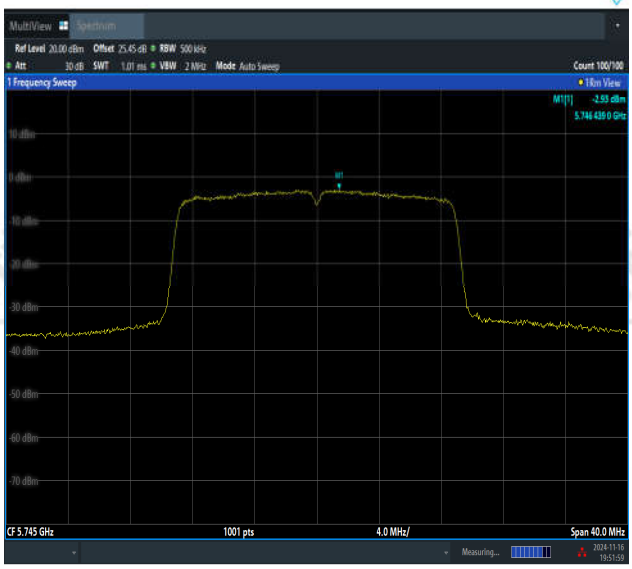
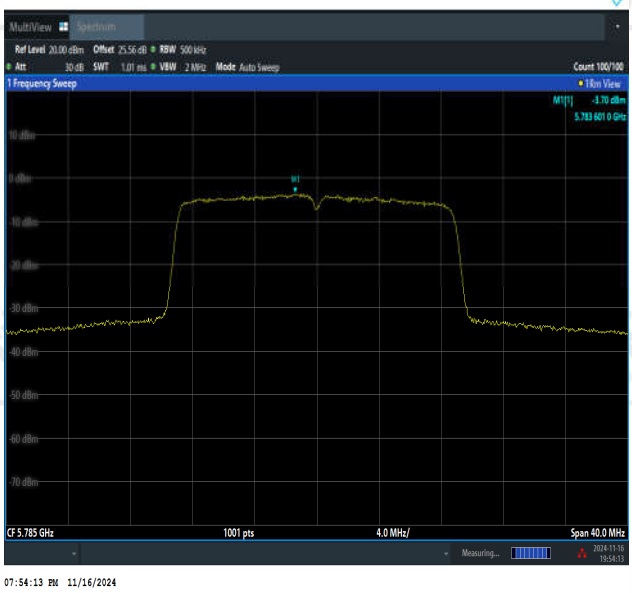


11AC20MIMO-Ant2-5745-PASS



11AC20MIMO-Ant3-5745-PASS



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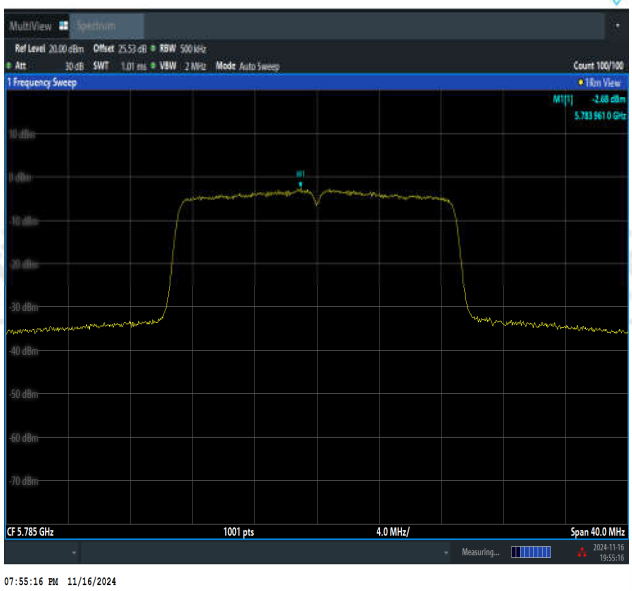

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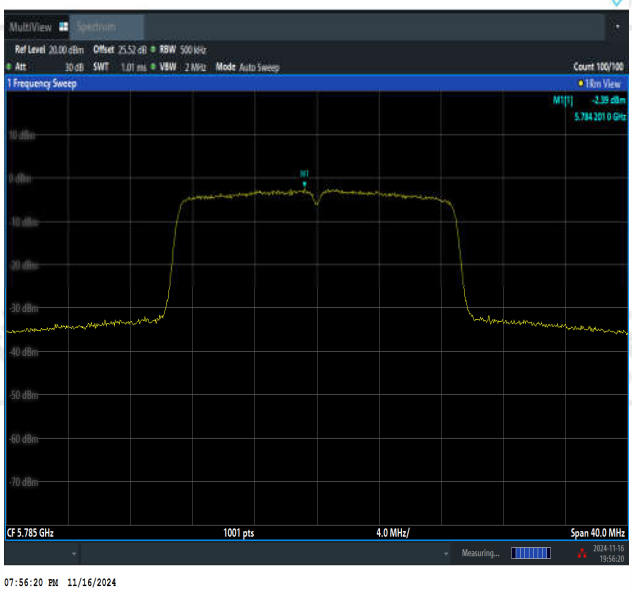

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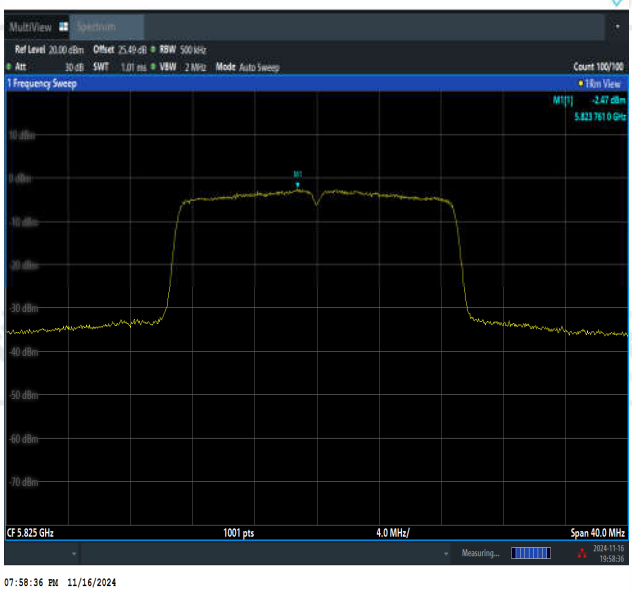
11AC20MIMO-Ant1-5825-PASS



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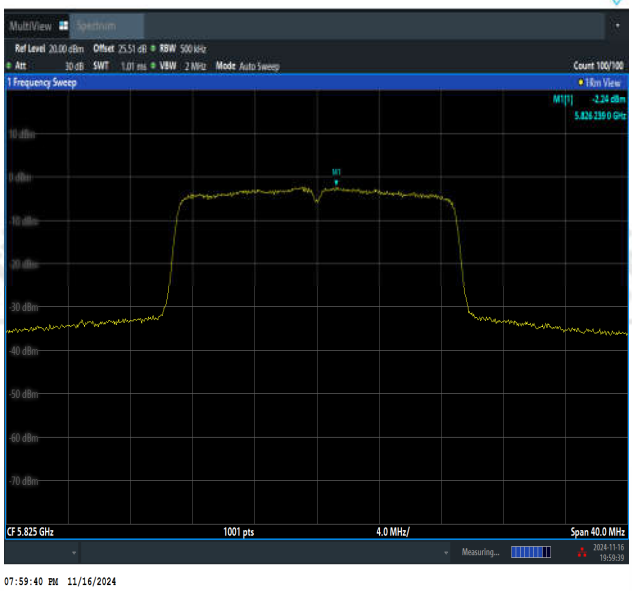

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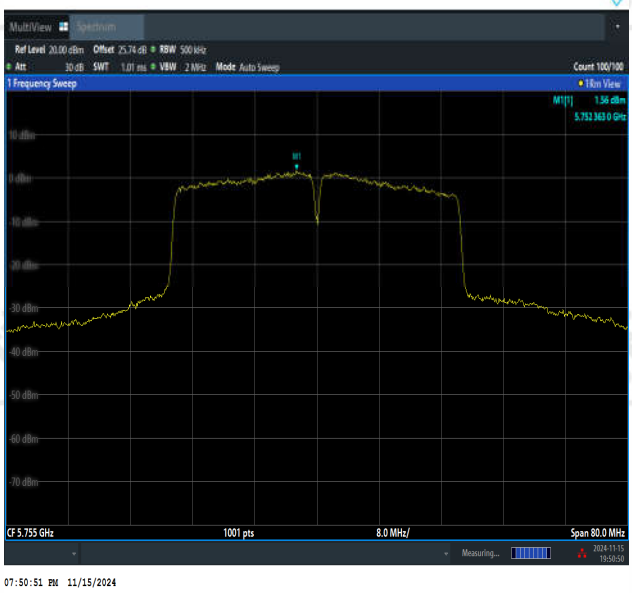
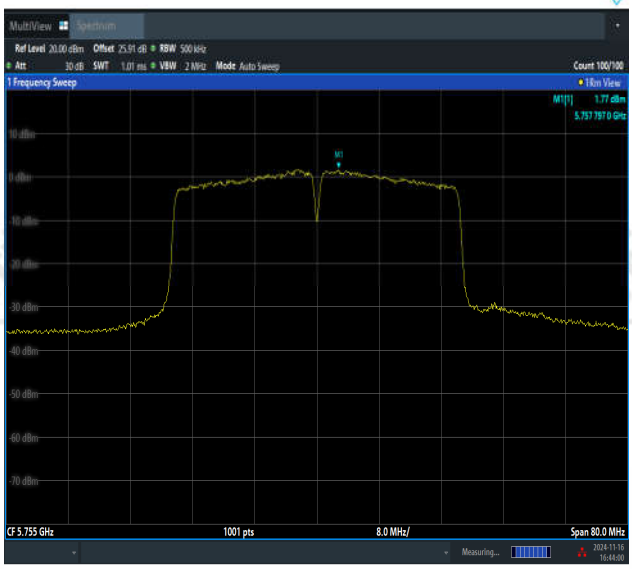


11AC40SISO-Ant1-5755-PASS



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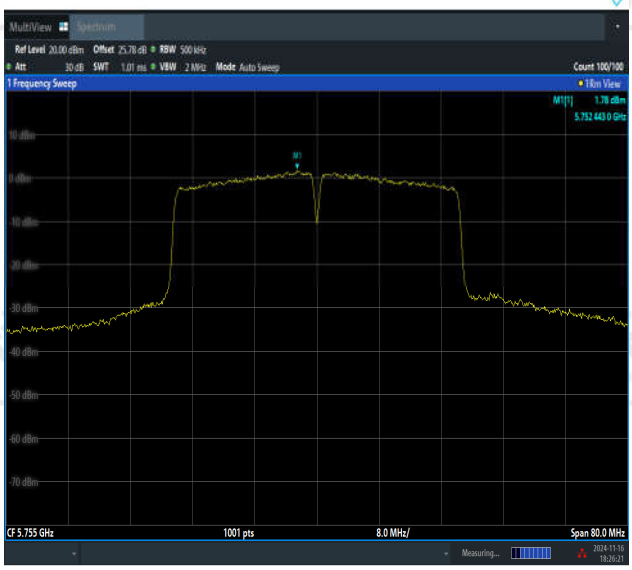

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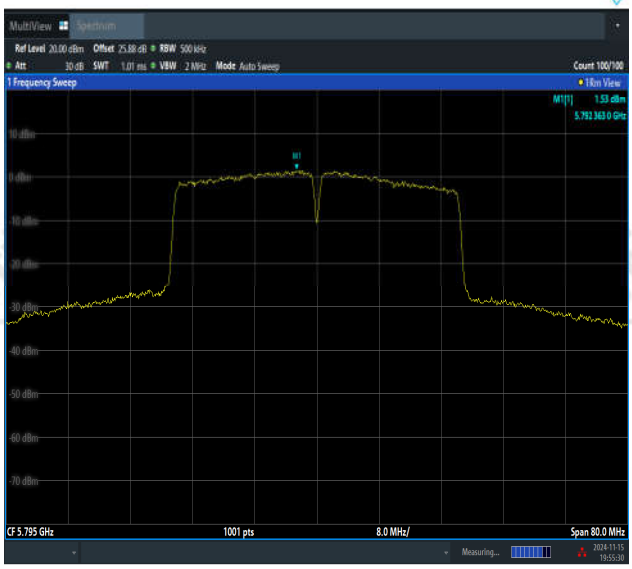

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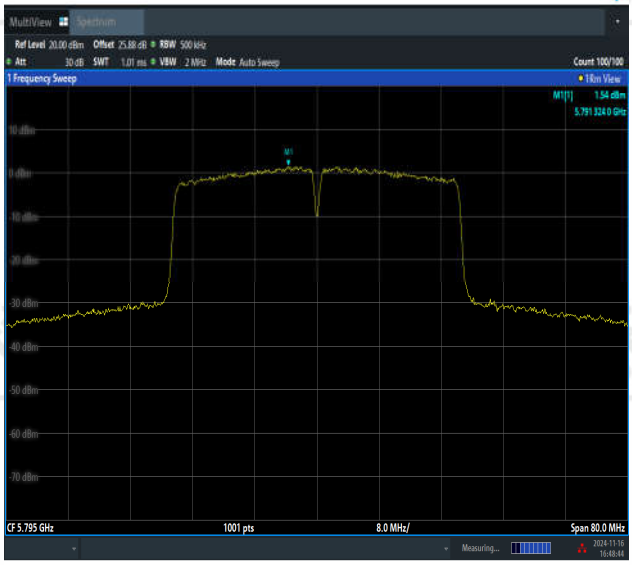

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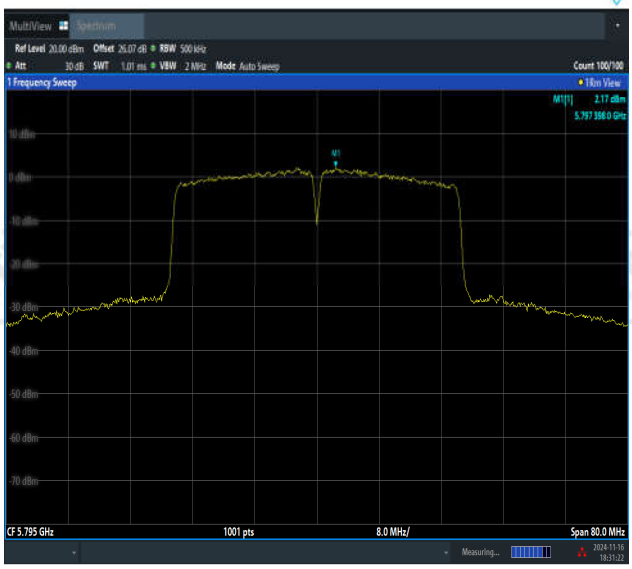

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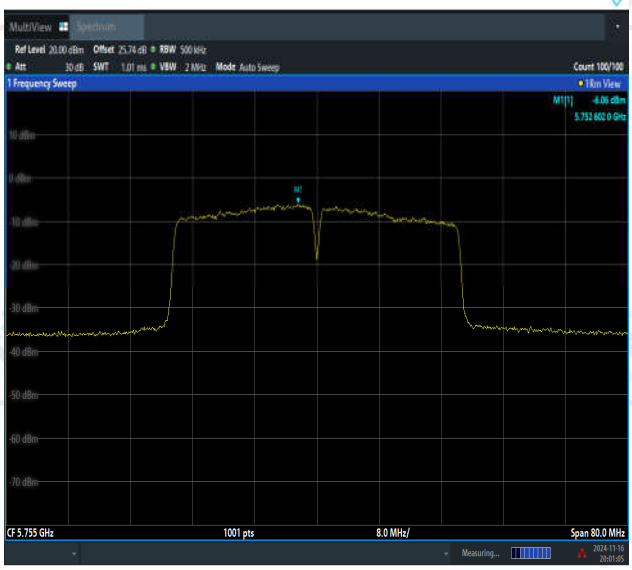

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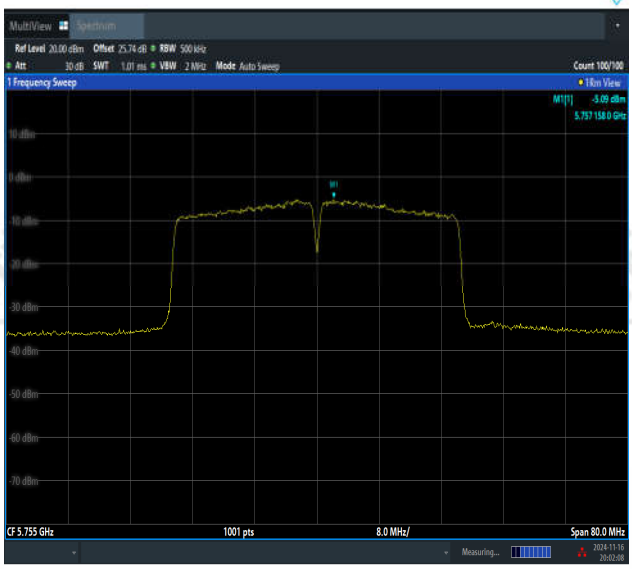
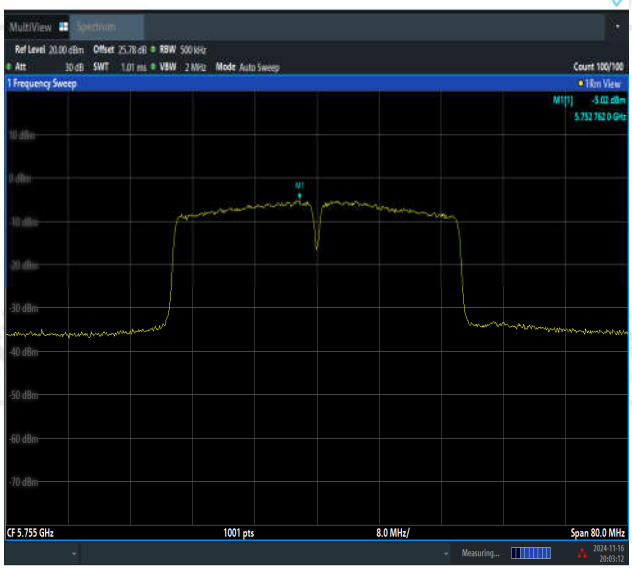


11AC40MIMO-Ant2-5755-PASS



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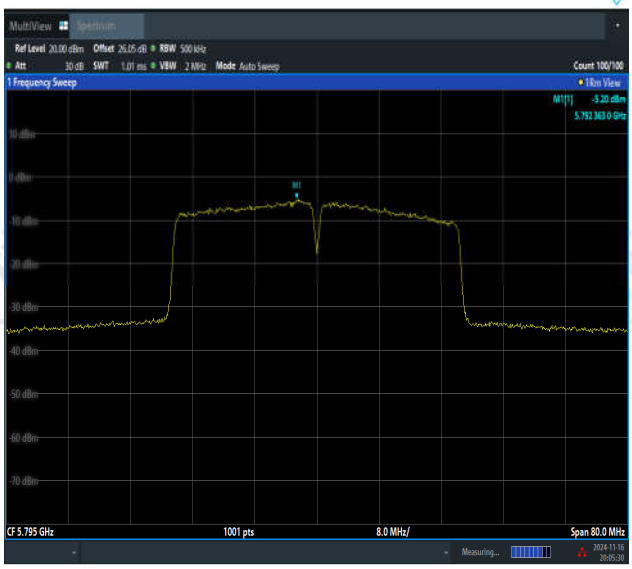

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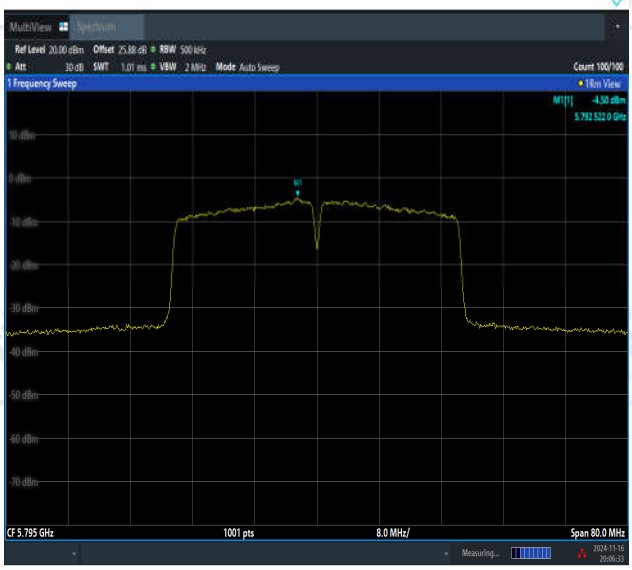
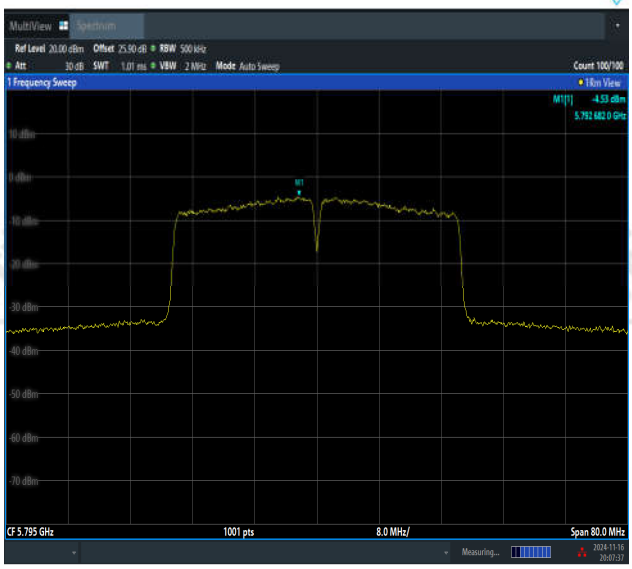
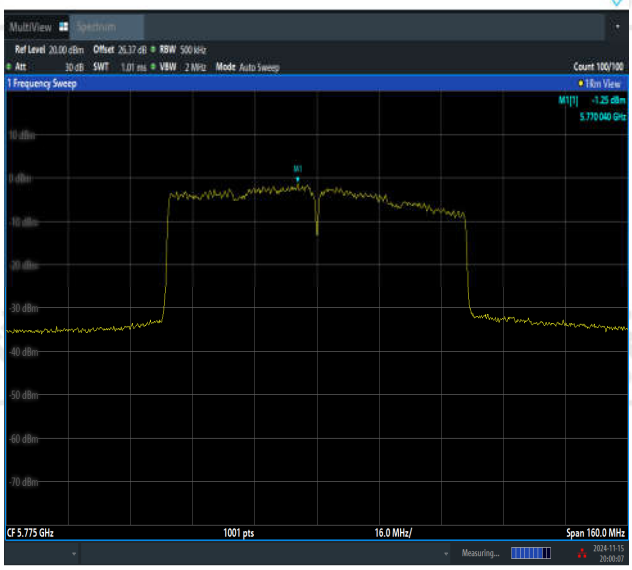


11AC40MIMO-Ant2-5795-PASS

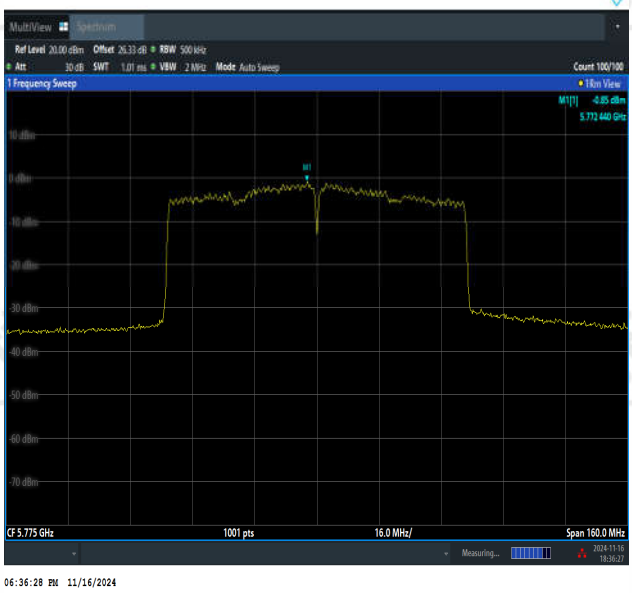


11AC40MIMO-Ant3-5795-PASS

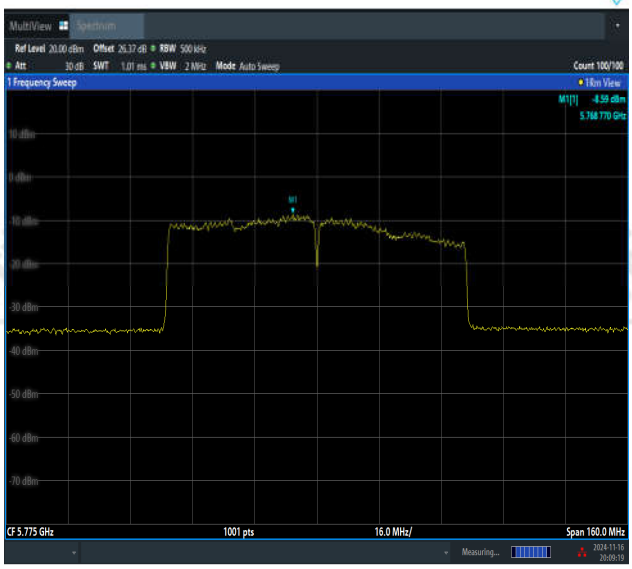


11AC80SISO-Ant1-5775-PASS

11AC80SISO-Ant2-5775-PASS



11AC80SISO-Ant3-5775-PASS



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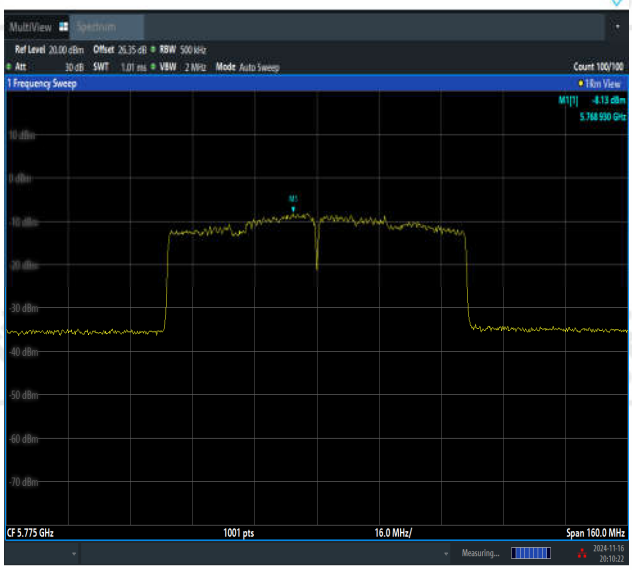
11AC80MIMO-Ant1-5775-PASS



08:10:23 PM 11/16/2024

11AC80MIMO-Ant2-5775-PASS

11AC80MIMO-Ant3-5775-PASS

11AX20SISO-Ant1-5745-PASS