

RF Test Data for 6G Wi-Fi (Conducted Measurements)

General Description of EUT	
EUT Name:	IEEE 802.11ax/ac/a/b/g/n 2x2 WiFi 6E with Bluetooth5.3 Combo Module
Model:	WNFS-267AXI(BT)
Sample ID:	HC-C-202503-0098-01-01-2#
Test Standard:	FCC Part 15.407
Environmental Conditions	
Ambient Temperature:	25°C
Ambient Humidity:	45%RH
Test Power Supply:	DC 3.3V
Test Engineer:	Rick.chen
Note: For a more detailed features description, please refer to the report TBR-C-202503-0098-135	

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Appendix 1: Emission Bandwidth

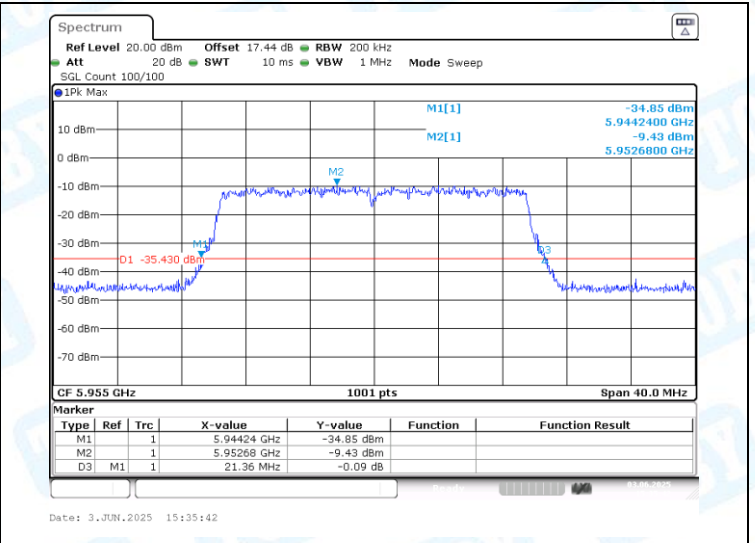
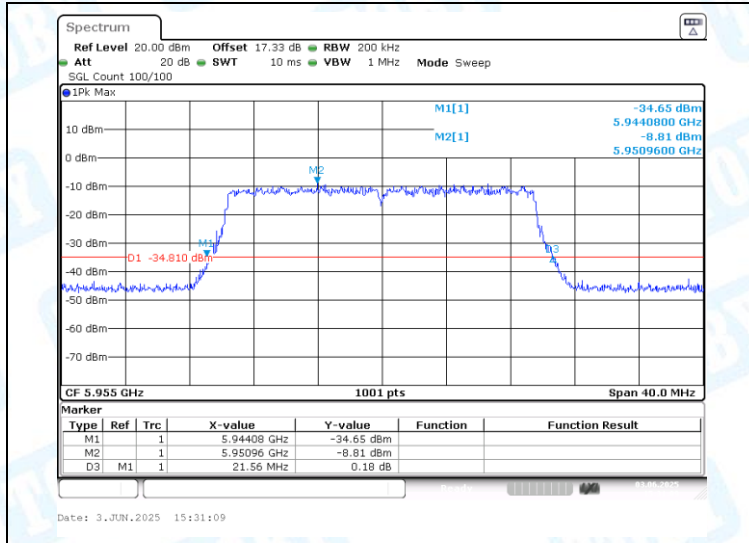
1.1 Test Result

TestMode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11AX20MIMO	Ant1	5955	21.56	5944.08	5965.64	---	---
11AX20MIMO	Ant2	5955	21.36	5944.24	5965.60	---	---
11AX20MIMO	Ant1	6175	21.24	6164.32	6185.56	---	---
11AX20MIMO	Ant2	6175	21.32	6164.32	6185.64	---	---
11AX20MIMO	Ant1	6415	21.44	6404.20	6425.64	---	---
11AX20MIMO	Ant2	6415	21.72	6404.08	6425.80	---	---
11AX20MIMO	Ant1	6435	21.44	6424.16	6445.60	---	---
11AX20MIMO	Ant2	6435	21.52	6424.12	6445.64	---	---
11AX20MIMO	Ant1	6475	21.32	6464.28	6485.60	---	---
11AX20MIMO	Ant2	6475	21.32	6464.36	6485.68	---	---
11AX20MIMO	Ant1	6515	21.36	6504.24	6525.60	---	---
11AX20MIMO	Ant2	6515	21.16	6504.36	6525.52	---	---
11AX20MIMO	Ant1	6535	21.44	6524.12	6545.56	---	---
11AX20MIMO	Ant2	6535	21.56	6524.24	6545.80	---	---
11AX20MIMO	Ant1	6695	21.52	6684.28	6705.80	---	---
11AX20MIMO	Ant2	6695	21.52	6684.16	6705.68	---	---
11AX20MIMO	Ant1	6855	21.44	6844.16	6865.60	---	---
11AX20MIMO	Ant2	6855	21.60	6844.08	6865.68	---	---
11AX20MIMO	Ant1	6875	21.28	6864.32	6885.60	---	---
11AX20MIMO	Ant2	6875	21.48	6864.28	6885.76	---	---
11AX20MIMO	Ant1	6895	21.36	6884.24	6905.60	---	---
11AX20MIMO	Ant2	6895	21.76	6883.92	6905.68	---	---
11AX20MIMO	Ant1	6995	21.48	6984.16	7005.64	---	---
11AX20MIMO	Ant2	6995	21.44	6984.16	7005.60	---	---
11AX20MIMO	Ant1	7115	21.36	7104.20	7125.56	---	---
11AX20MIMO	Ant2	7115	21.60	7104.24	7125.84	---	---
11AX40MIMO	Ant1	5965	40.00	5944.92	5984.92	---	---
11AX40MIMO	Ant2	5965	40.08	5945.08	5985.16	---	---
11AX40MIMO	Ant1	6165	40.24	6144.76	6185.00	---	---
11AX40MIMO	Ant2	6165	40.00	6145.00	6185.00	---	---
11AX40MIMO	Ant1	6405	40.32	6384.84	6425.16	---	---
11AX40MIMO	Ant2	6405	40.00	6385.08	6425.08	---	---
11AX40MIMO	Ant1	6445	40.32	6424.76	6465.08	---	---
11AX40MIMO	Ant2	6445	40.08	6425.00	6465.08	---	---
11AX40MIMO	Ant1	6485	40.16	6464.84	6505.00	---	---
11AX40MIMO	Ant2	6485	39.92	6465.08	6505.00	---	---
11AX40MIMO	Ant1	6525	40.16	6504.84	6545.00	---	---
11AX40MIMO	Ant2	6525	40.16	6504.92	6545.08	---	---
11AX40MIMO	Ant1	6565	40.24	6544.92	6585.16	---	---
11AX40MIMO	Ant2	6565	40.08	6544.92	6585.00	---	---
11AX40MIMO	Ant1	6685	40.24	6664.68	6704.92	---	---
11AX40MIMO	Ant2	6685	40.00	6665.00	6705.00	---	---
11AX40MIMO	Ant1	6845	40.08	6824.84	6864.92	---	---
11AX40MIMO	Ant2	6845	40.24	6824.92	6865.16	---	---
11AX40MIMO	Ant1	6885	40.24	6864.76	6905.00	---	---
11AX40MIMO	Ant2	6885	40.00	6865.08	6905.08	---	---
11AX40MIMO	Ant1	6925	40.40	6904.68	6945.08	---	---
11AX40MIMO	Ant2	6925	40.08	6904.92	6945.00	---	---
11AX40MIMO	Ant1	6965	40.00	6944.84	6984.84	---	---
11AX40MIMO	Ant2	6965	40.16	6944.84	6985.00	---	---
11AX40MIMO	Ant1	7085	39.92	7064.92	7104.84	---	---

11AX40MIMO	Ant2	7085	40.00	7065.00	7105.00	---	---
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11AX80MIMO	Ant2	5985	81.76	5944.04	6025.80	---	---
11AX80MIMO	Ant1	6145	81.92	6104.36	6186.28	---	---
11AX80MIMO	Ant2	6145	81.60	6104.36	6185.96	---	---
11AX80MIMO	Ant1	6385	82.08	6344.36	6426.44	---	---
11AX80MIMO	Ant2	6385	81.44	6344.36	6425.80	---	---
11AX80MIMO	Ant1	6465	82.08	6424.20	6506.28	---	---
11AX80MIMO	Ant2	6465	81.60	6424.20	6505.80	---	---
11AX80MIMO	Ant1	6545	81.92	6504.36	6586.28	---	---
11AX80MIMO	Ant2	6545	81.60	6504.20	6585.80	---	---
11AX80MIMO	Ant1	6625	82.24	6583.88	6666.12	---	---
11AX80MIMO	Ant2	6625	81.92	6584.04	6665.96	---	---
11AX80MIMO	Ant1	6705	81.92	6664.36	6746.28	---	---
11AX80MIMO	Ant2	6705	81.76	6664.04	6745.80	---	---
11AX80MIMO	Ant1	6785	82.08	6744.04	6826.12	---	---
11AX80MIMO	Ant2	6785	82.56	6743.88	6826.44	---	---
11AX80MIMO	Ant1	6865	81.92	6824.36	6906.28	---	---
11AX80MIMO	Ant2	6865	81.44	6824.36	6905.80	---	---
11AX80MIMO	Ant1	6945	81.60	6904.36	6985.96	---	---
11AX80MIMO	Ant2	6945	81.44	6904.52	6985.96	---	---
11AX80MIMO	Ant1	7025	82.24	6984.04	7066.28	---	---
11AX80MIMO	Ant2	7025	81.76	6984.20	7065.96	---	---

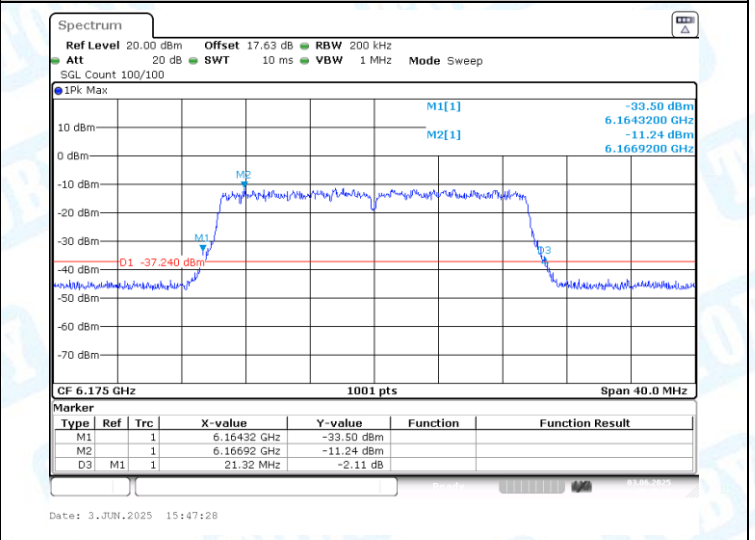
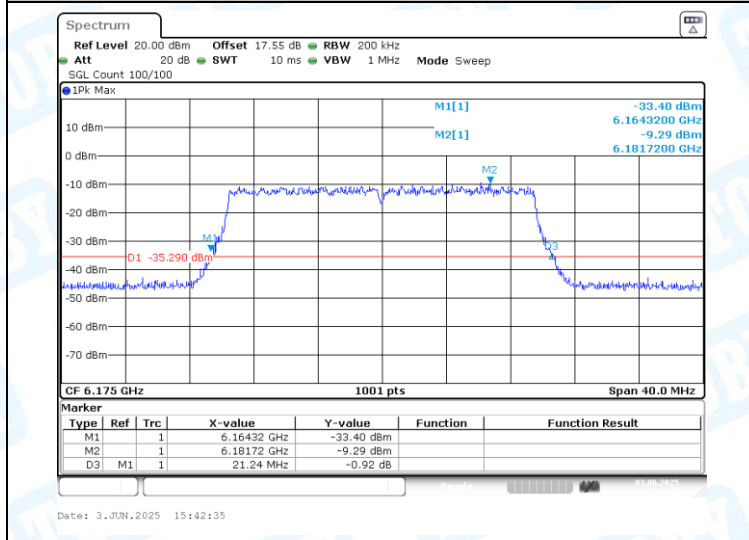
Note: RF Conducted test Offset= cable loss+ Attenuator(10dB).

1.2 Test Graphs



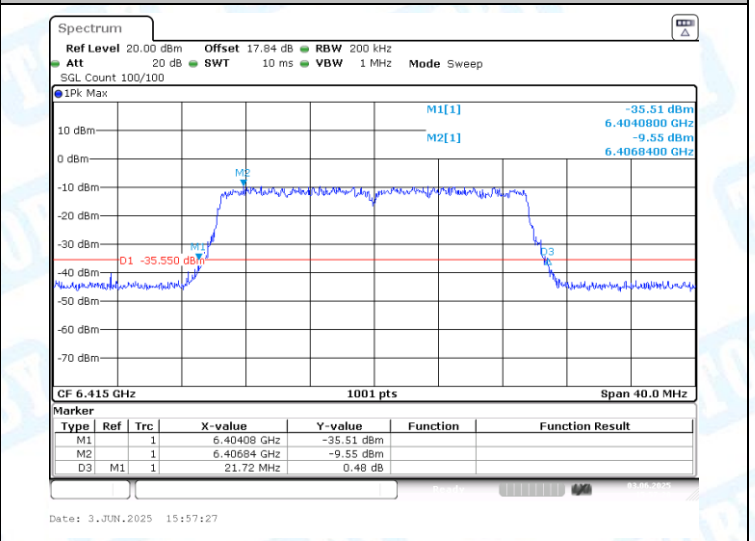
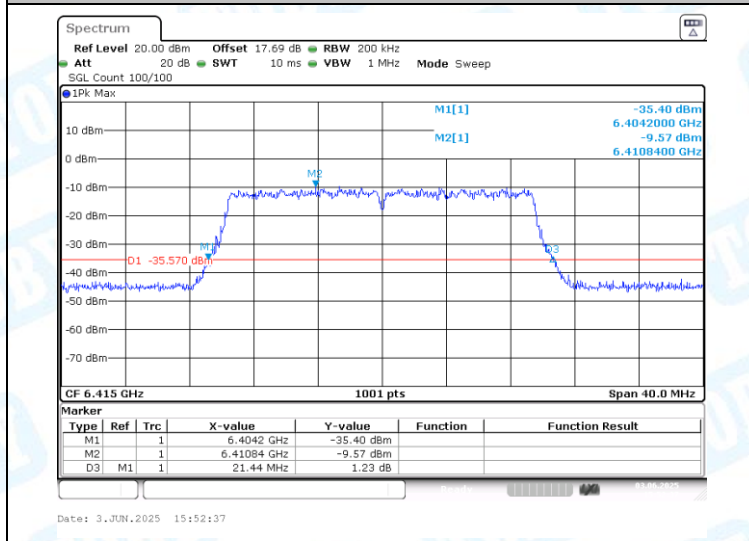
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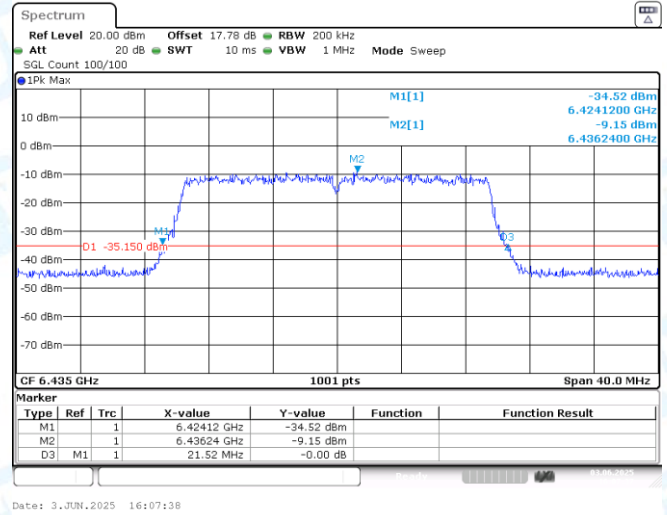
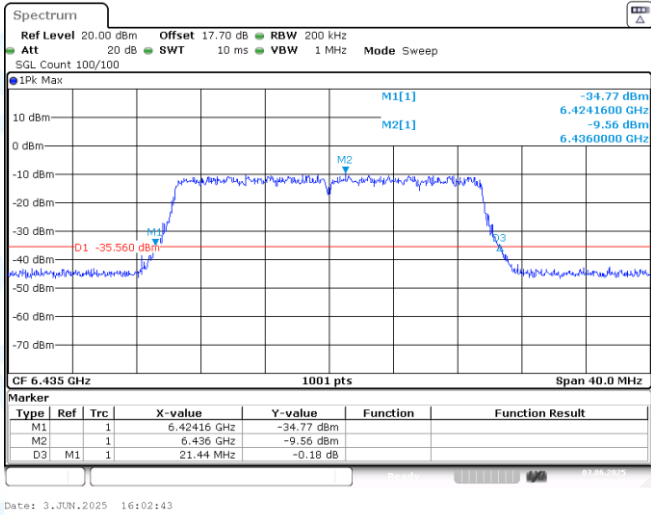
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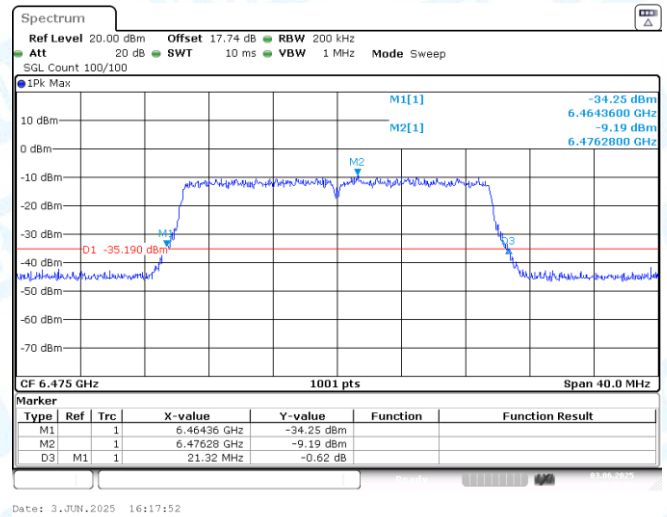
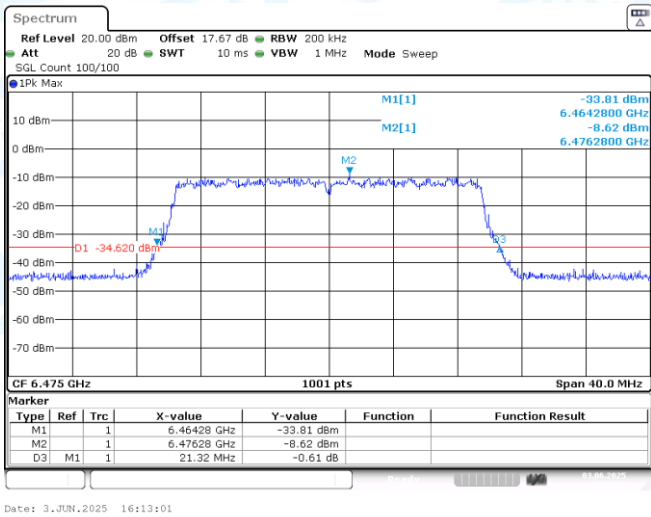
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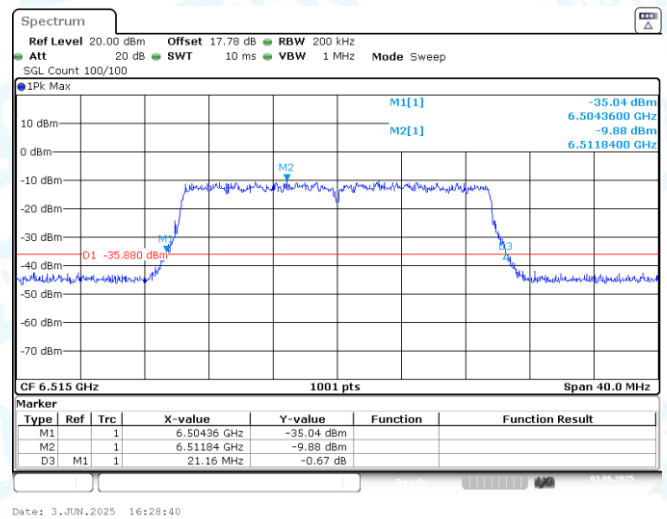
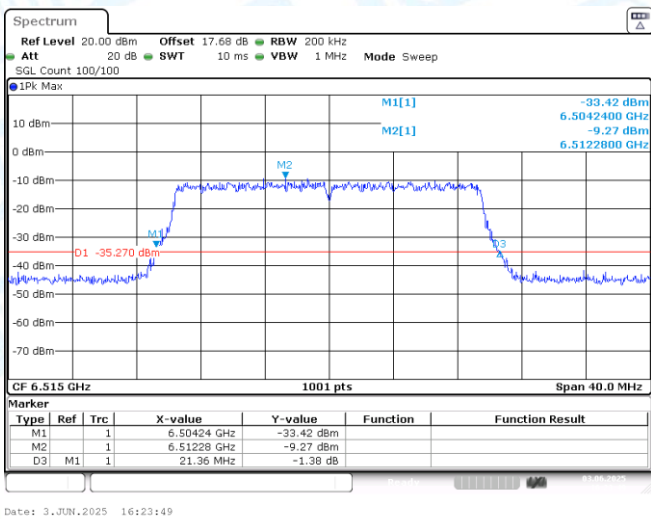
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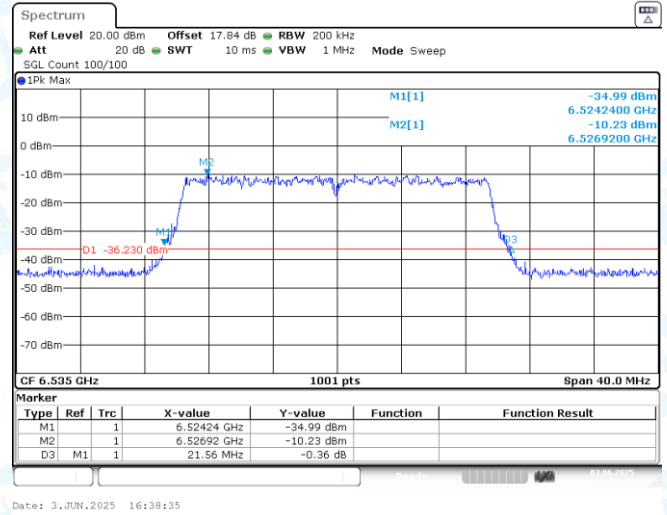
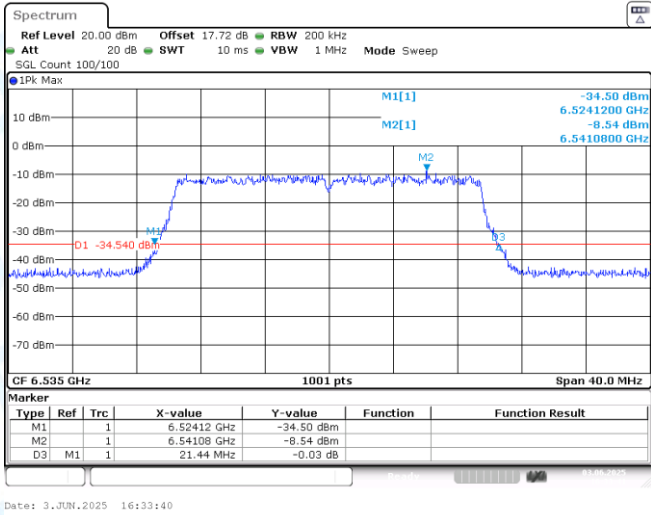
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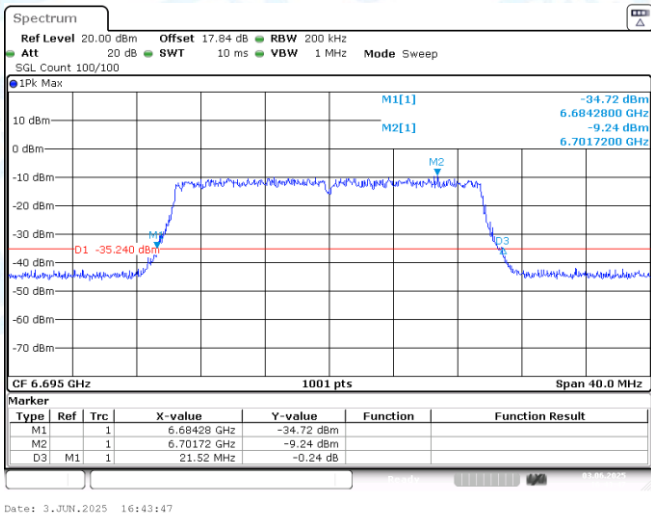


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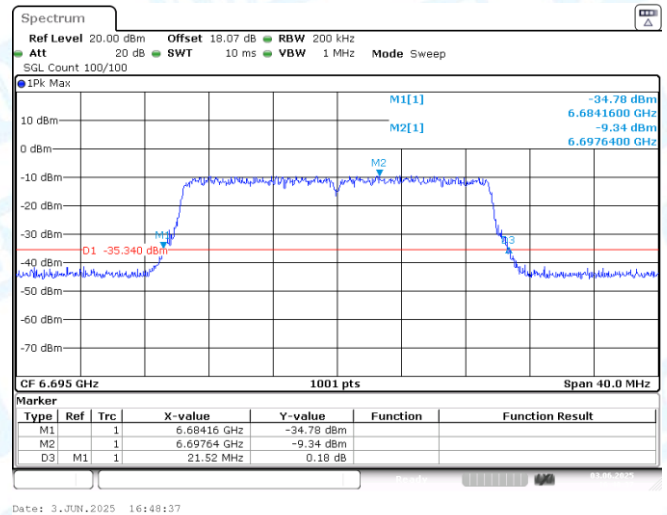
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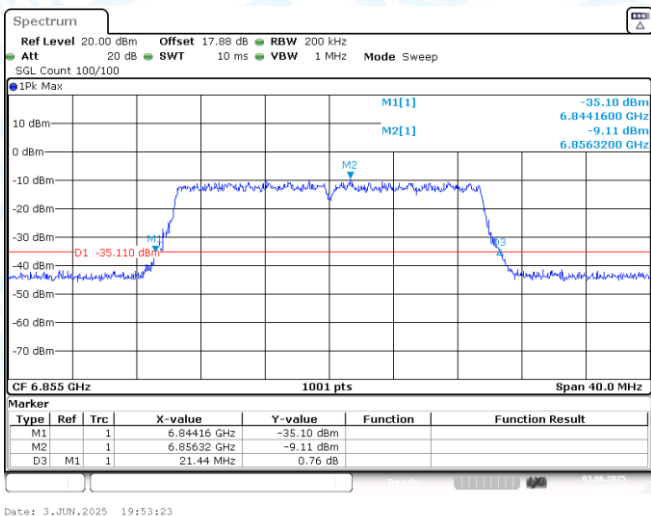
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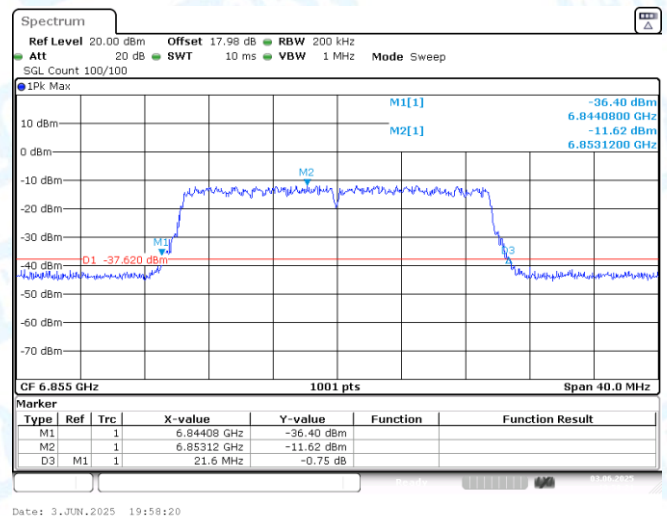
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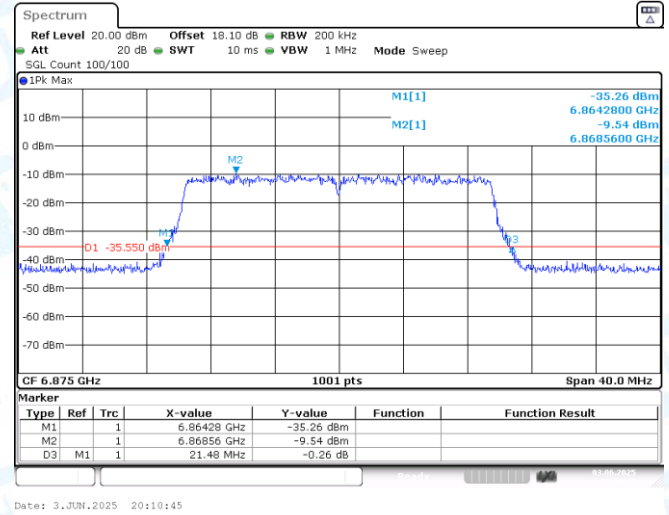
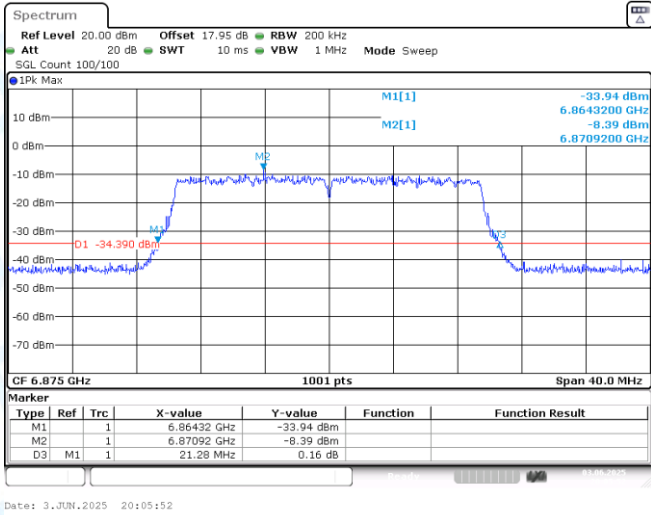


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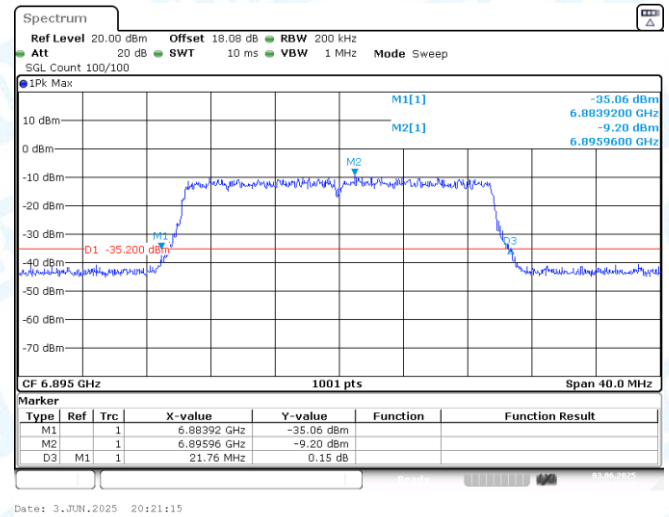
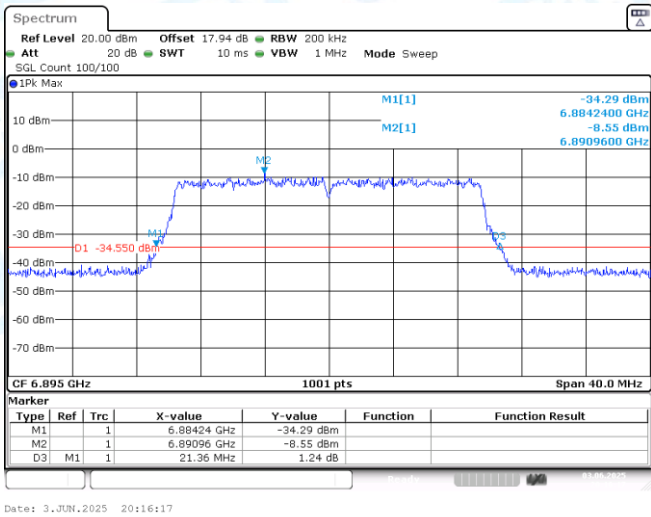
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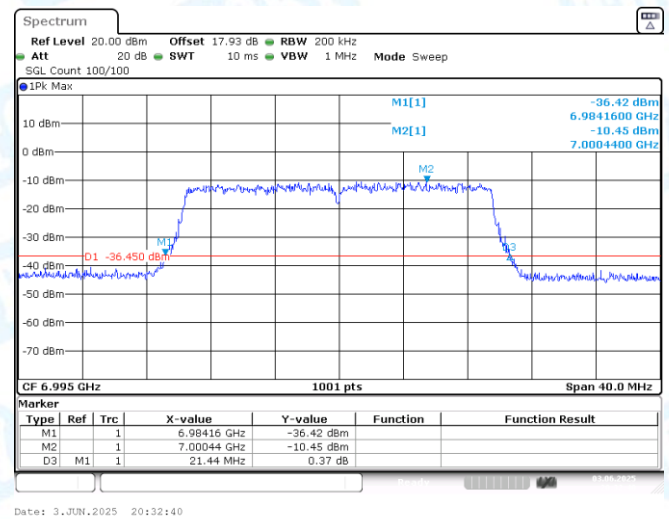
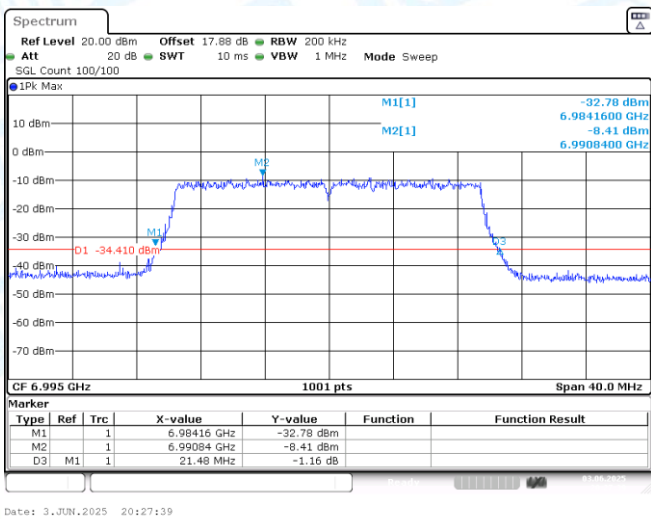
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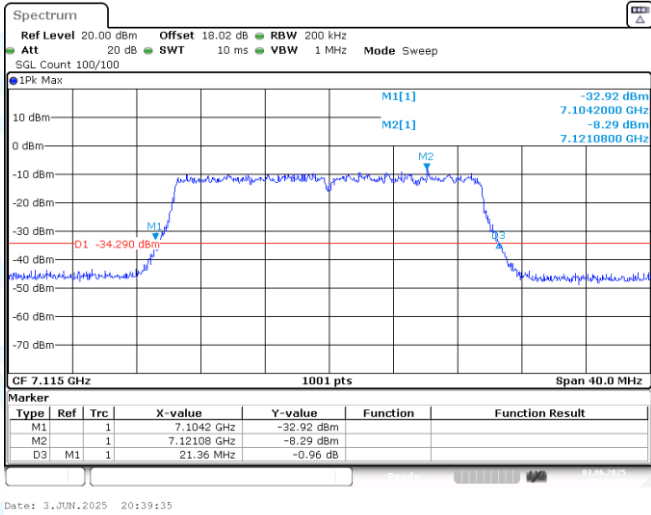
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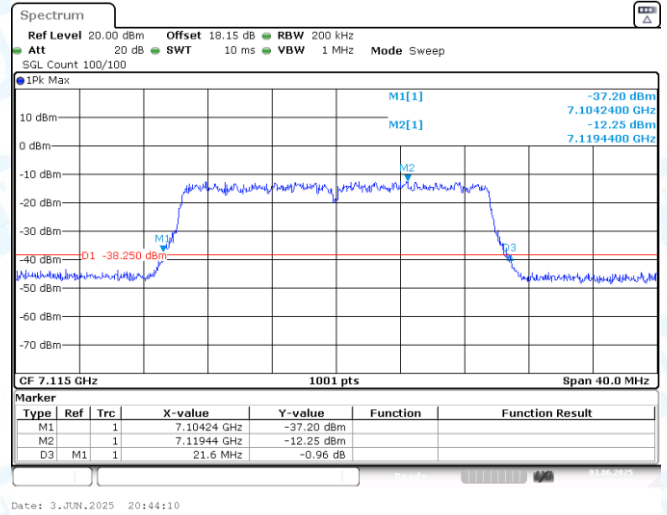


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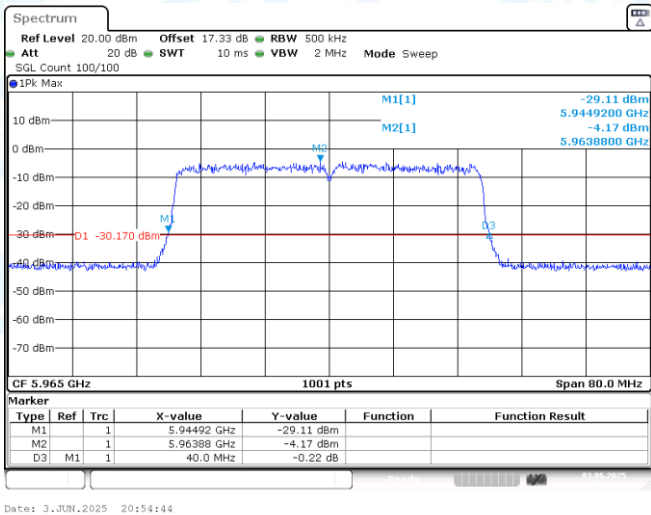
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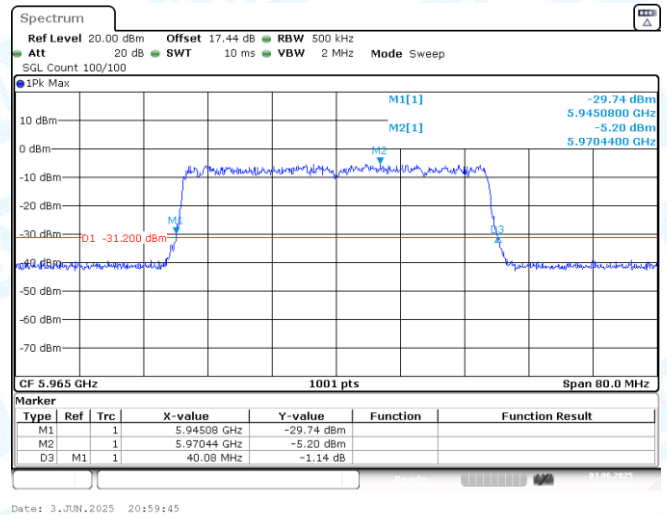
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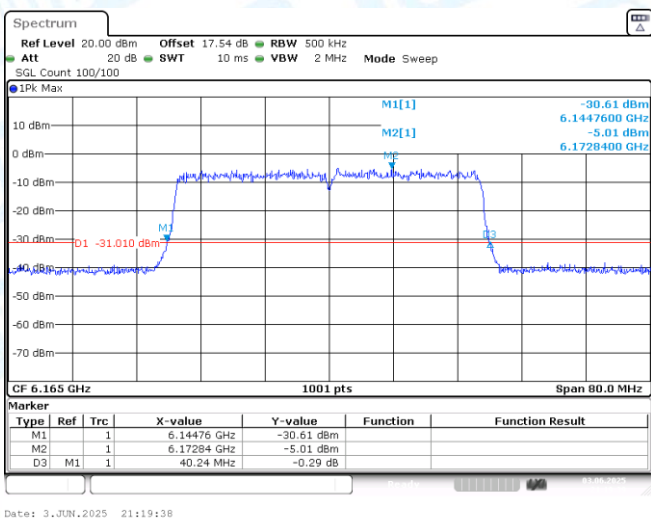
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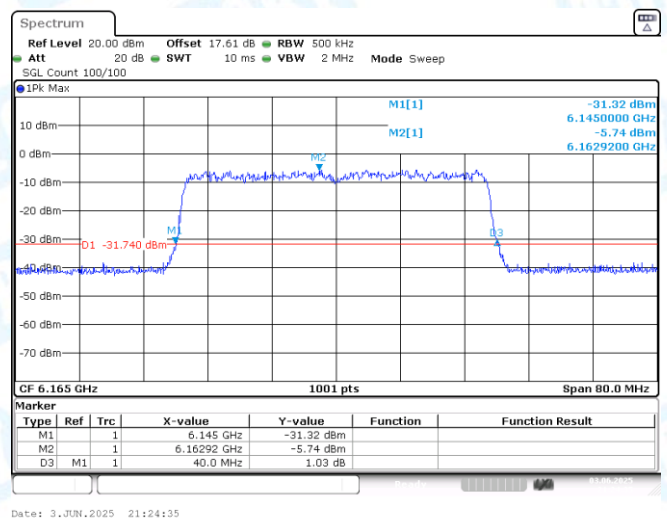
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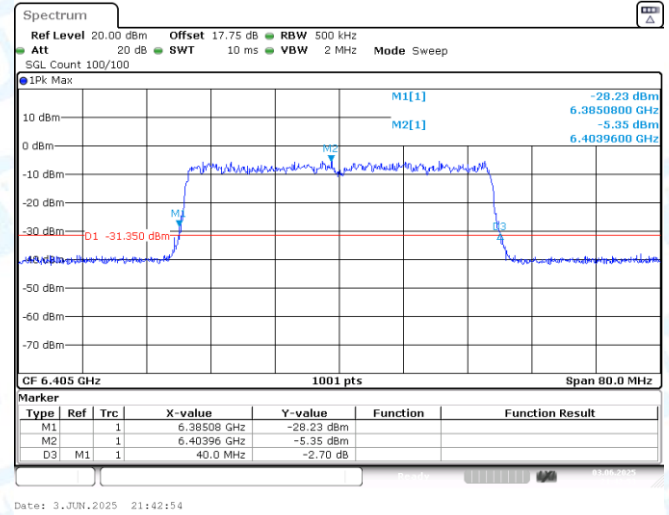
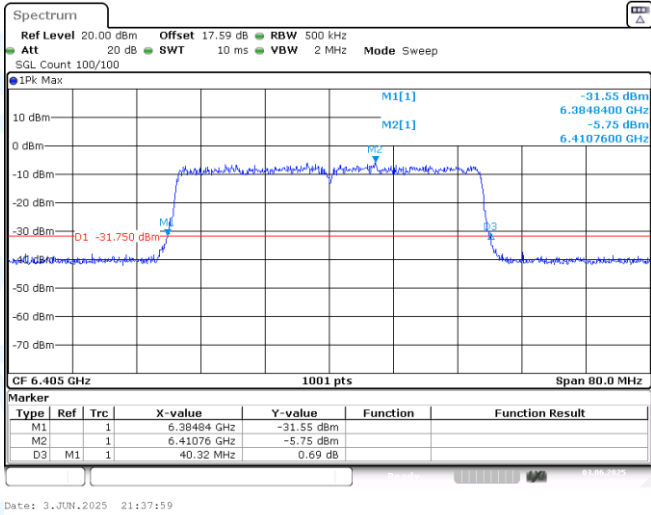
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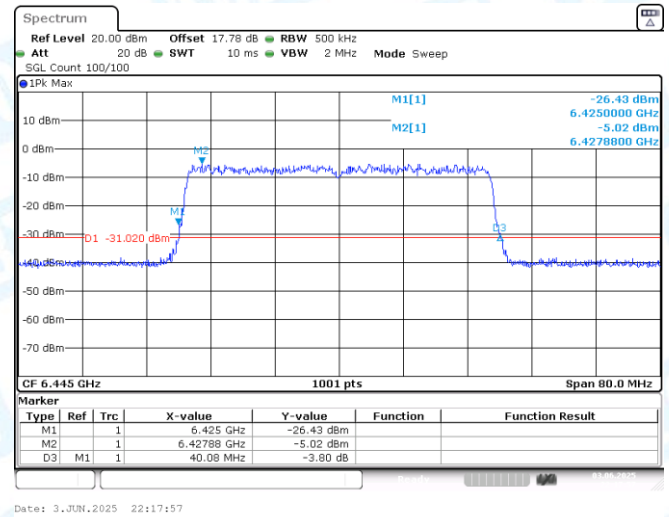
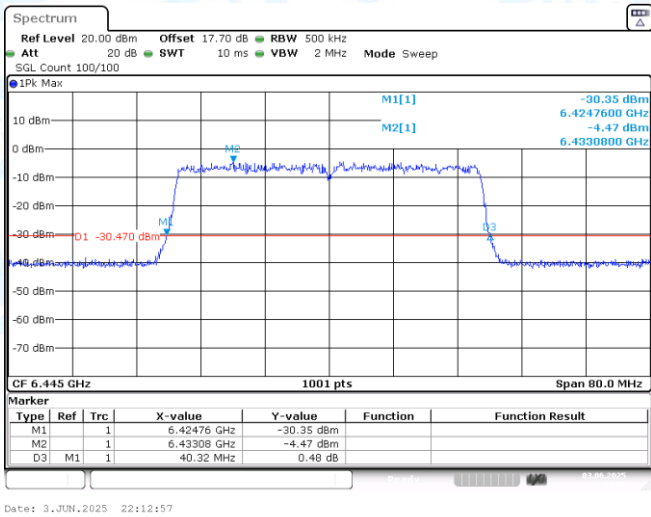


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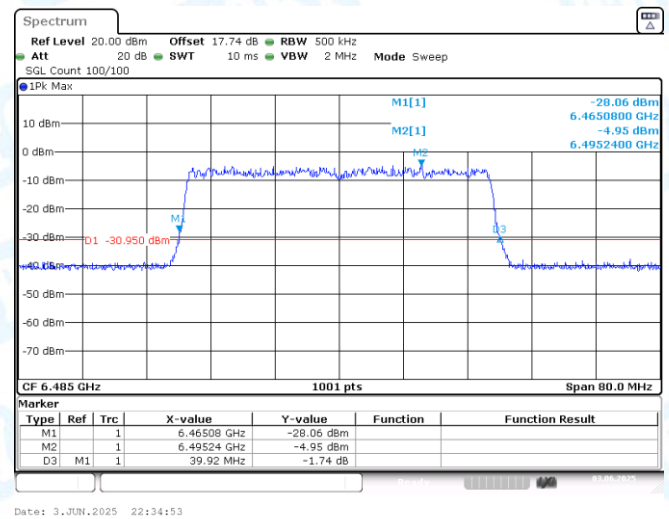
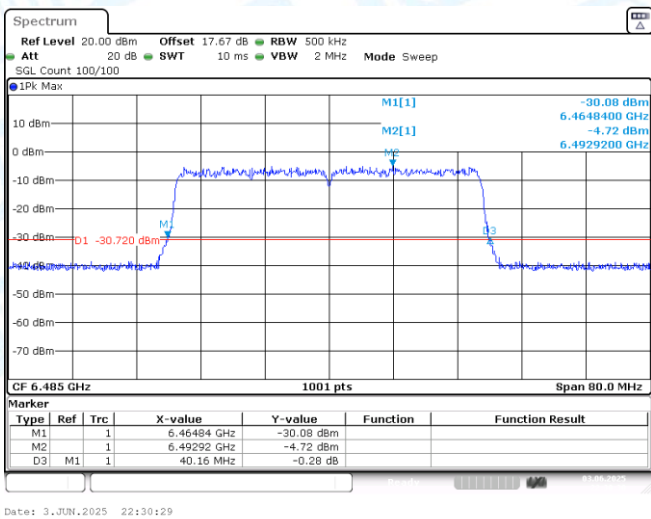
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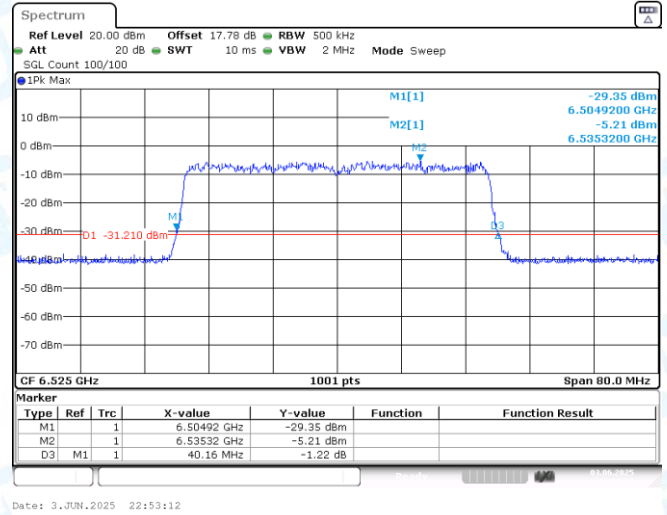
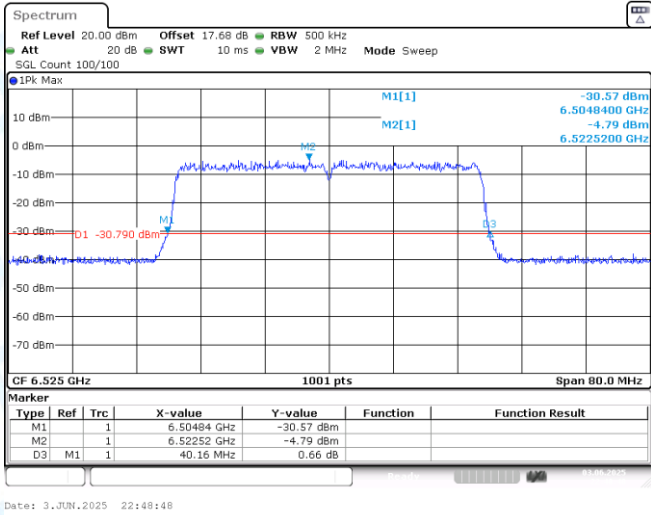
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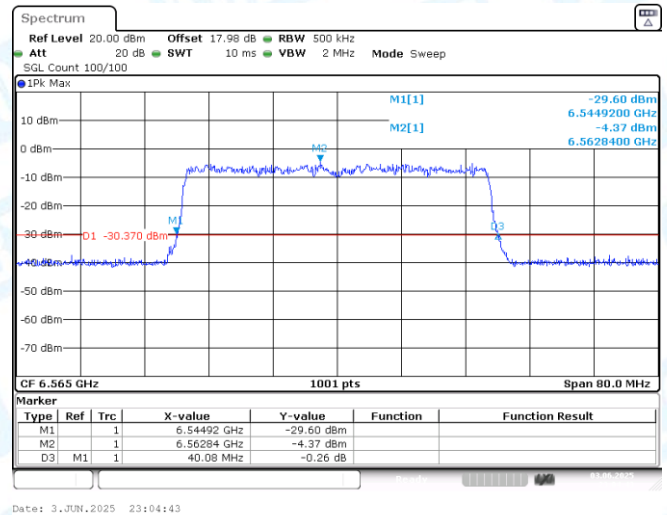
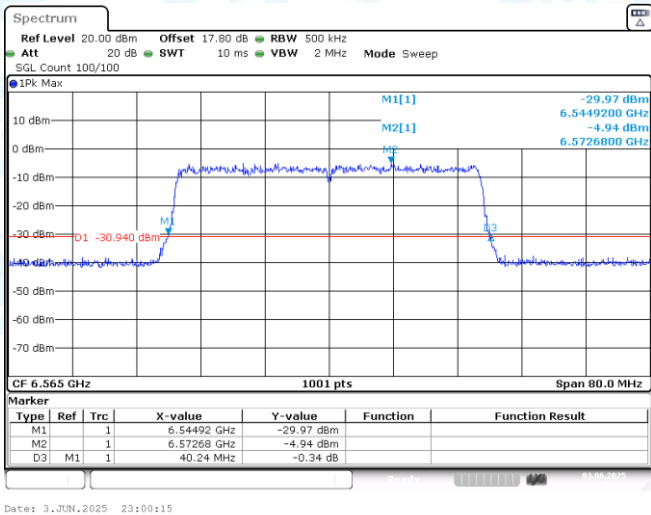
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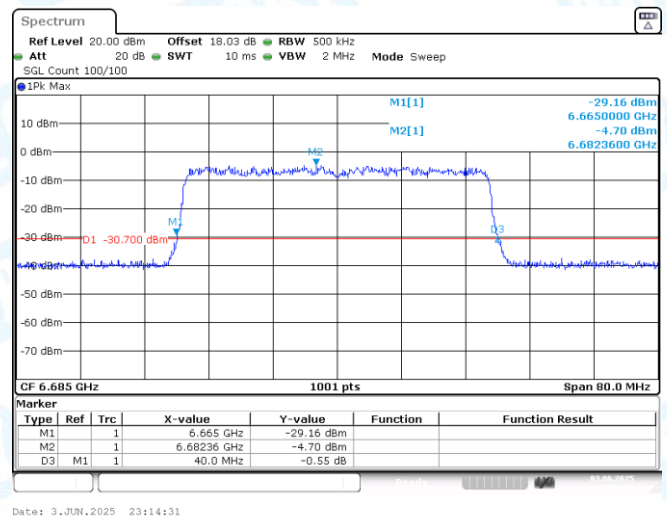
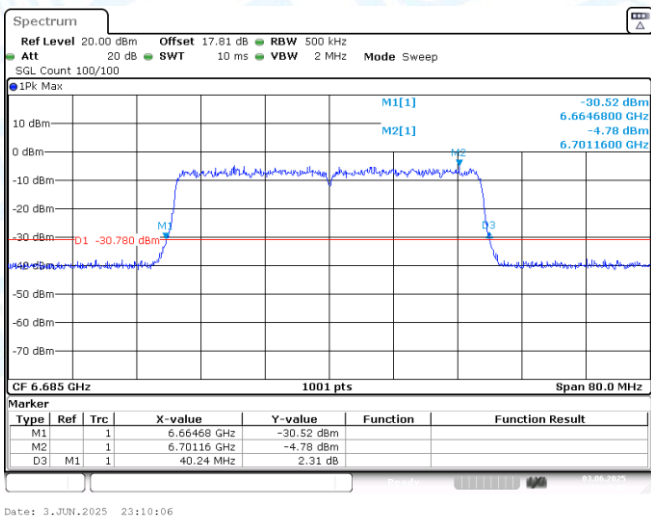
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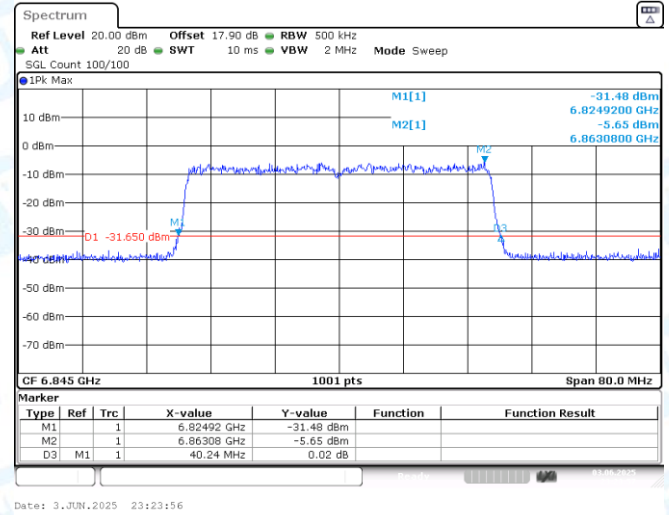
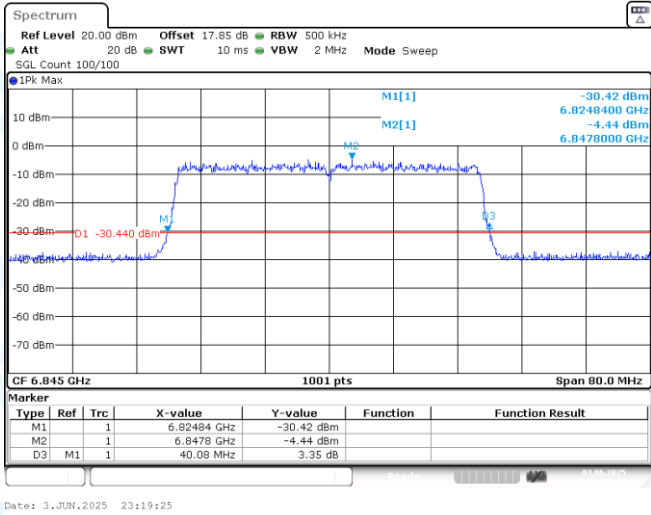
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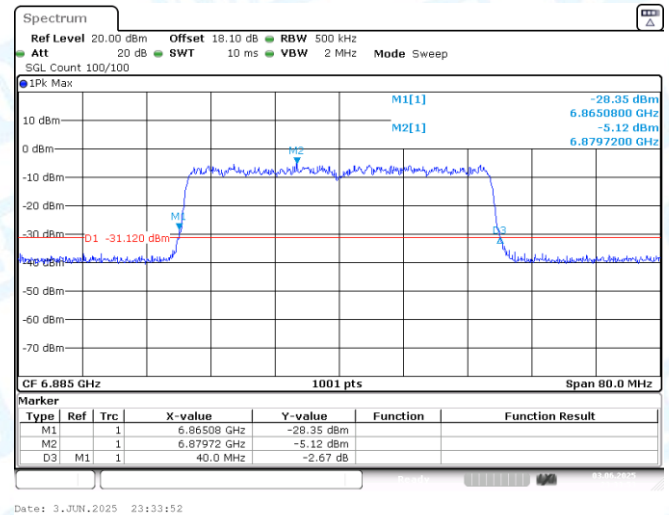
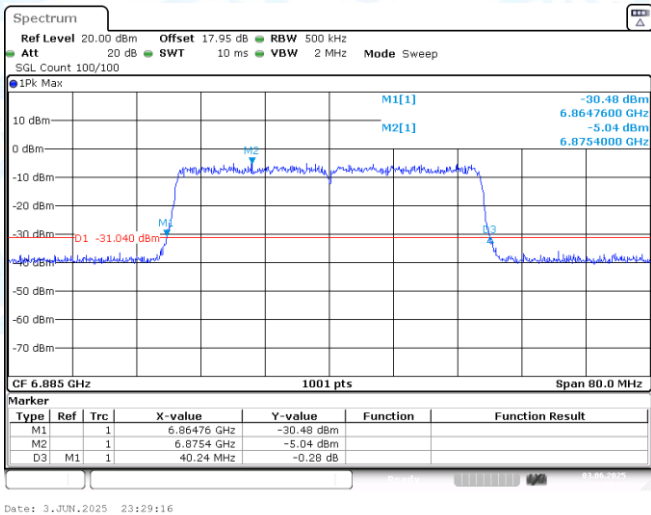
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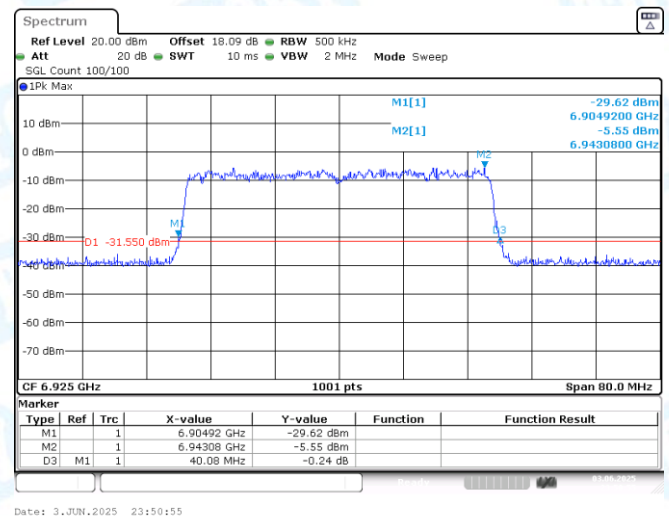
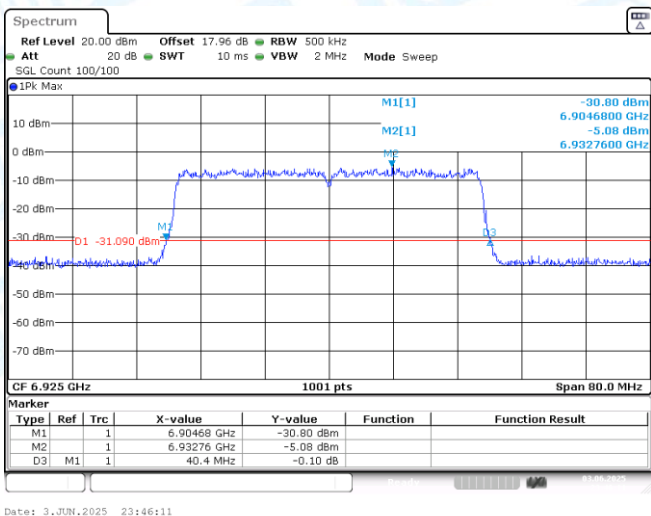
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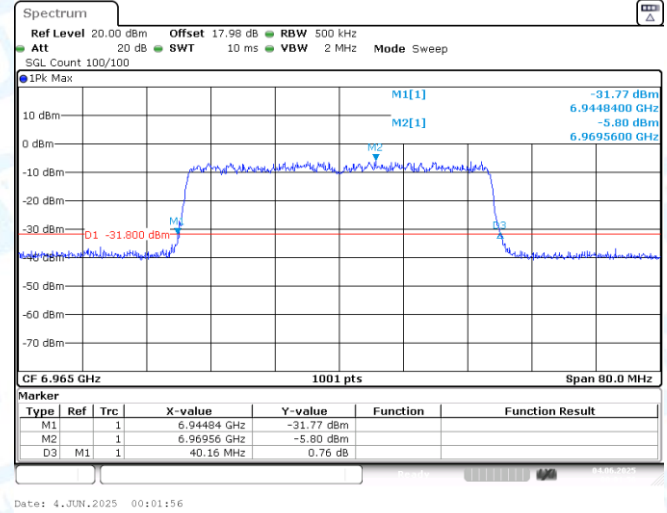
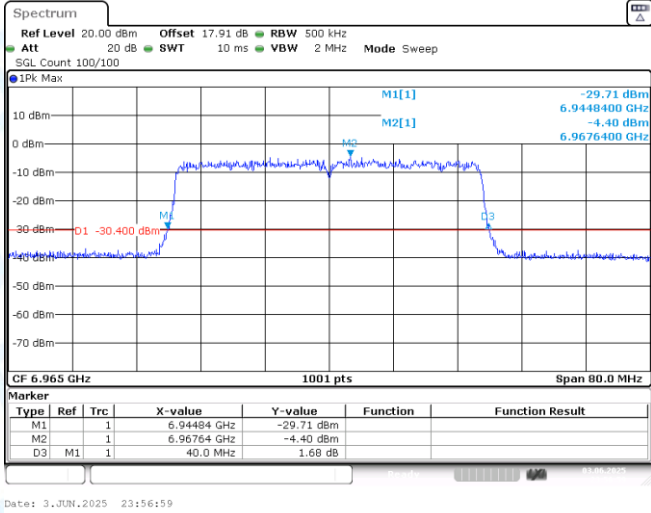
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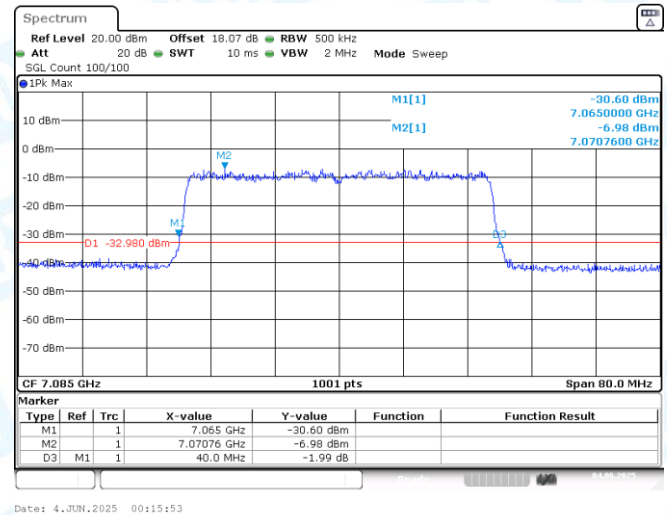
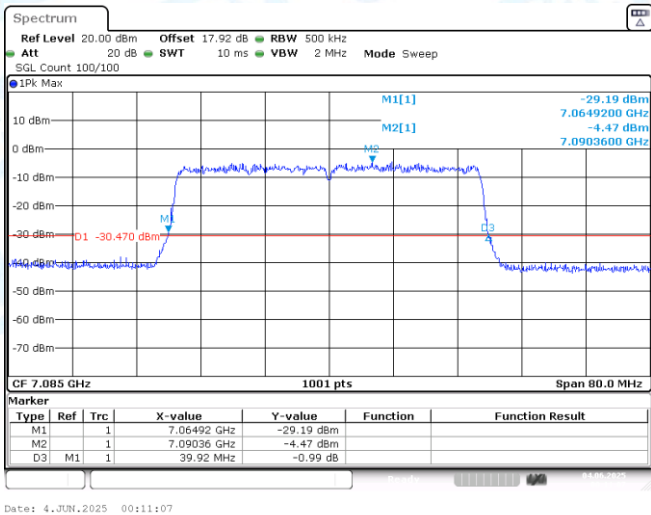
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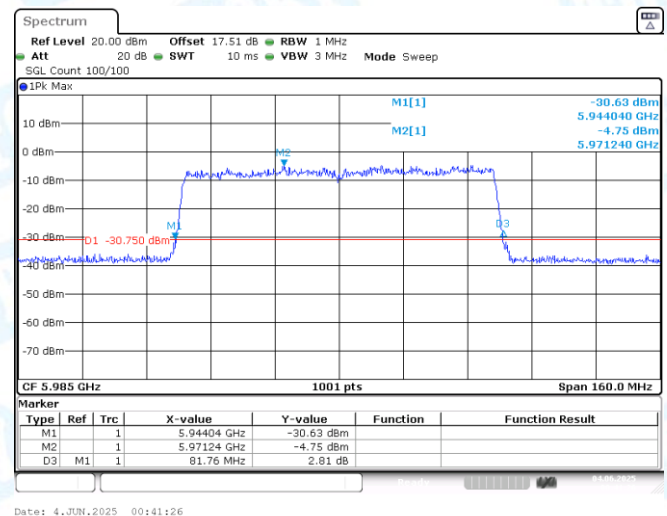
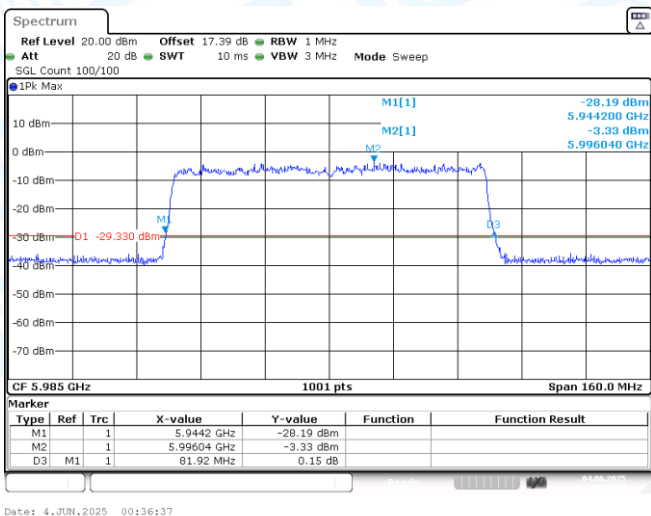
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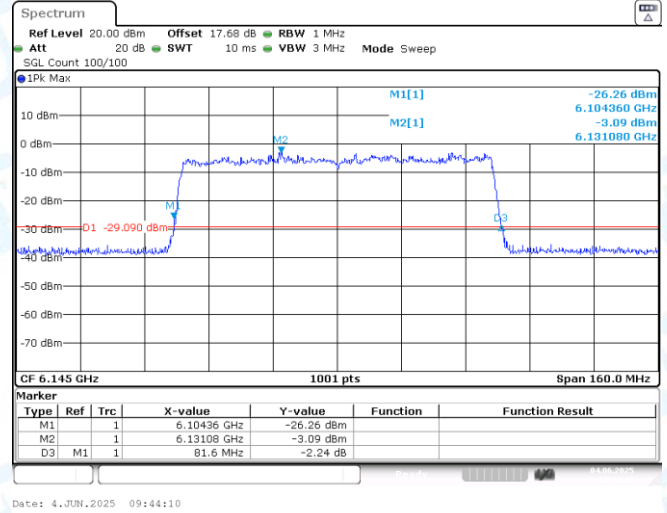
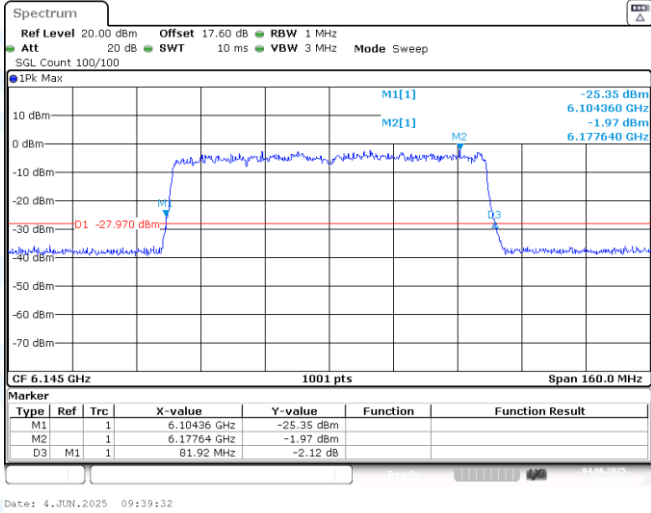
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11AX40MIMO-Ant2-7085



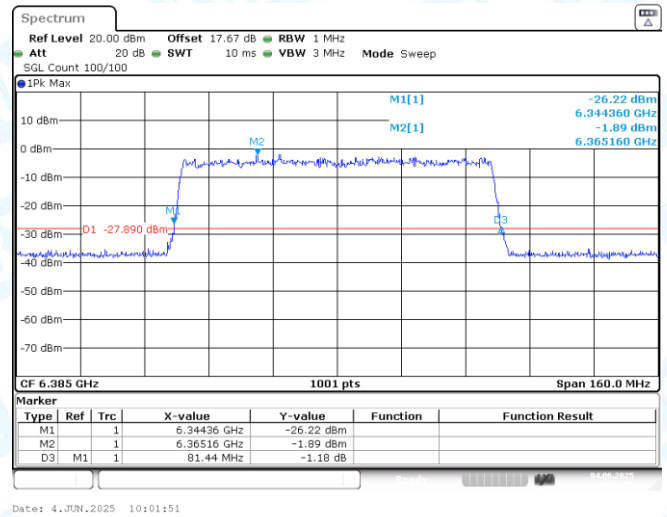
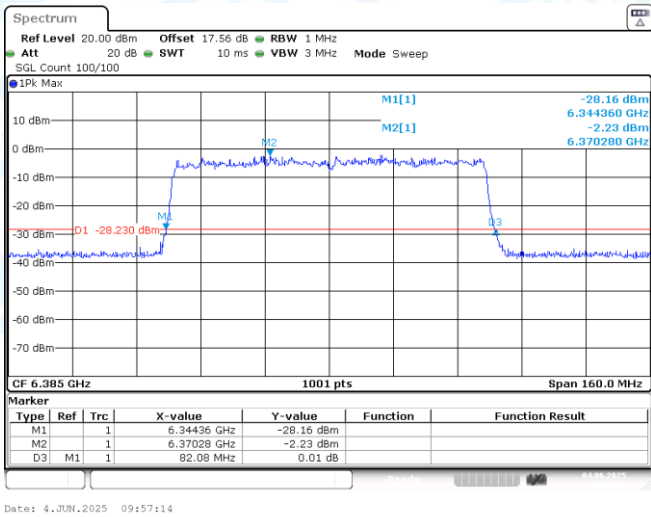
11AX80MIMO-Ant1-5985

11AX80MIMO-Ant2-5985



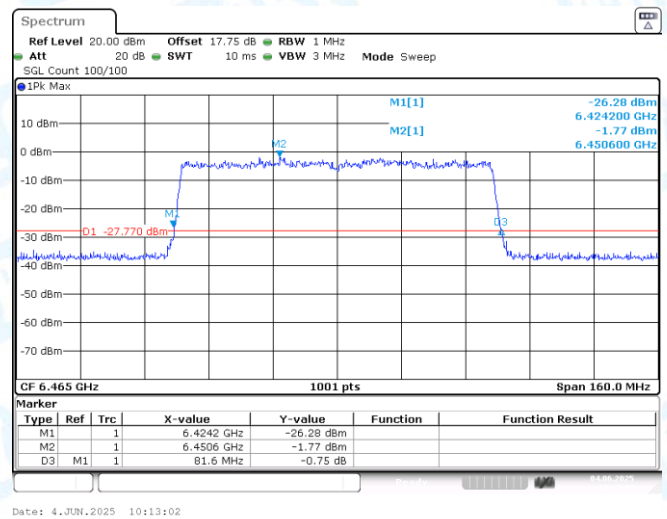
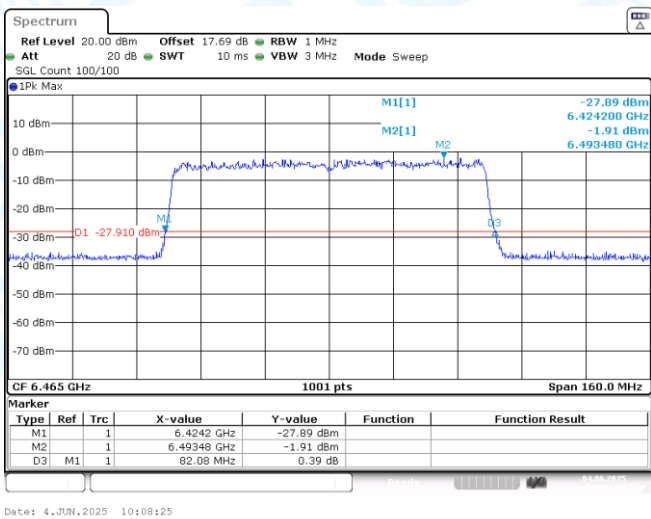
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11AX80MIMO-Ant2-6145



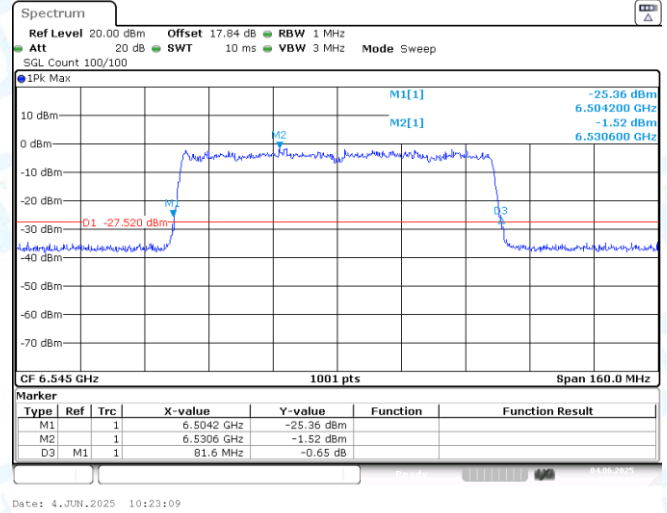
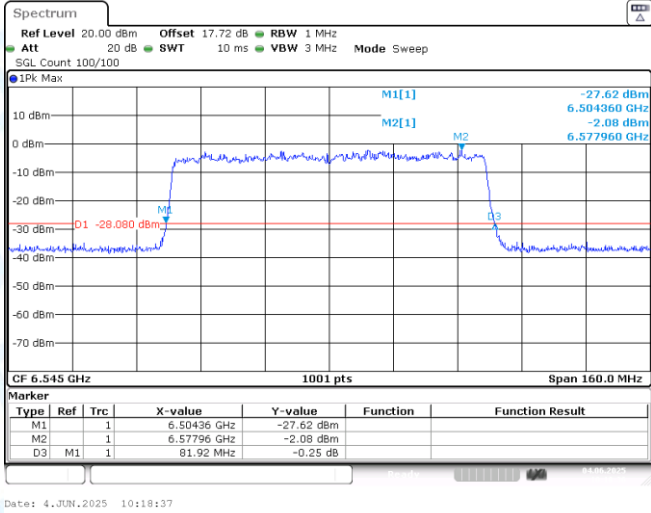
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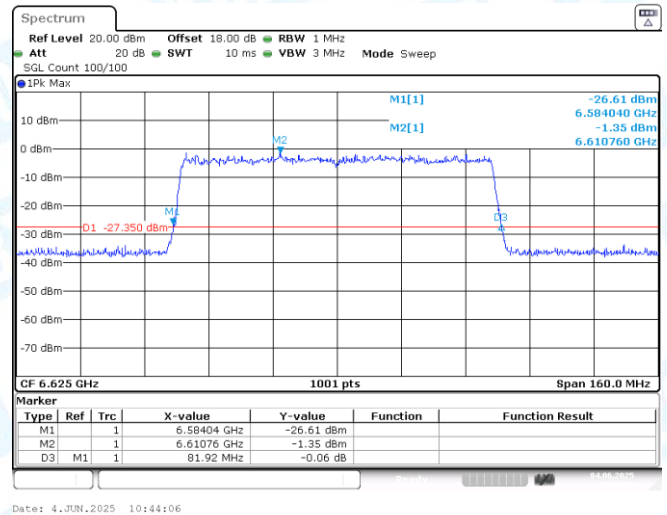
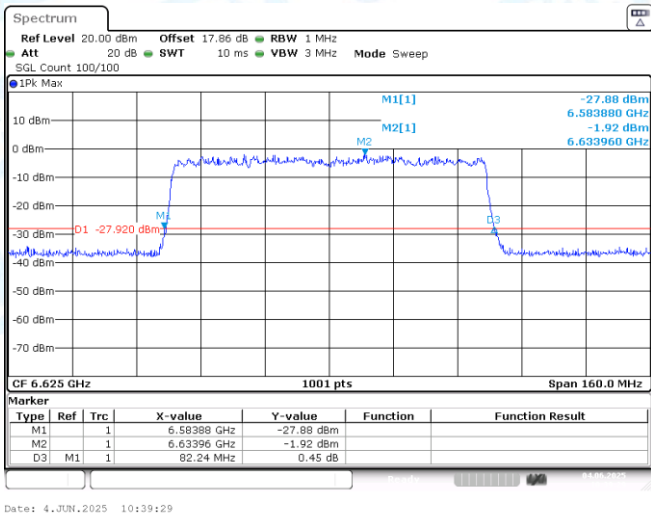
11AX80MIMO-Ant1-6465

11AX80MIMO-Ant2-6465



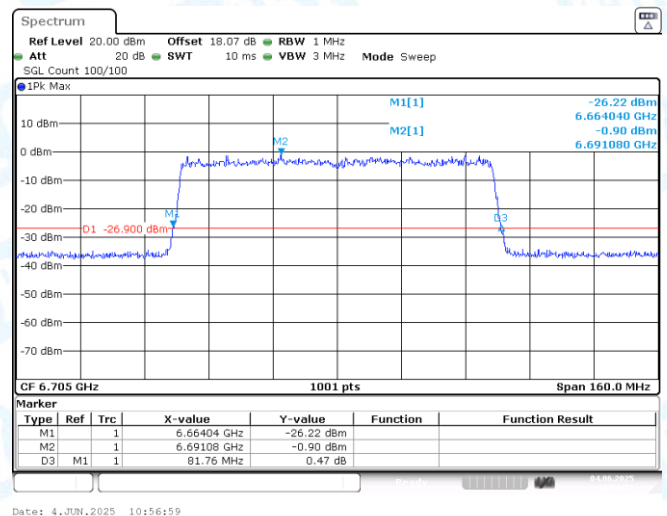
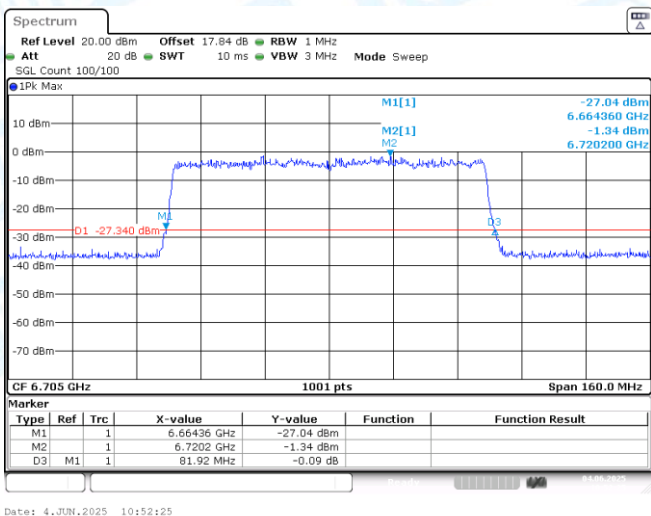
11AX80MIMO-Ant1-6545

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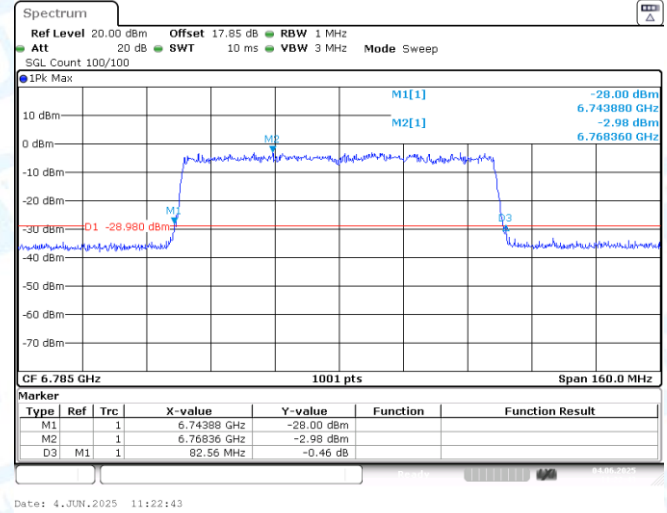
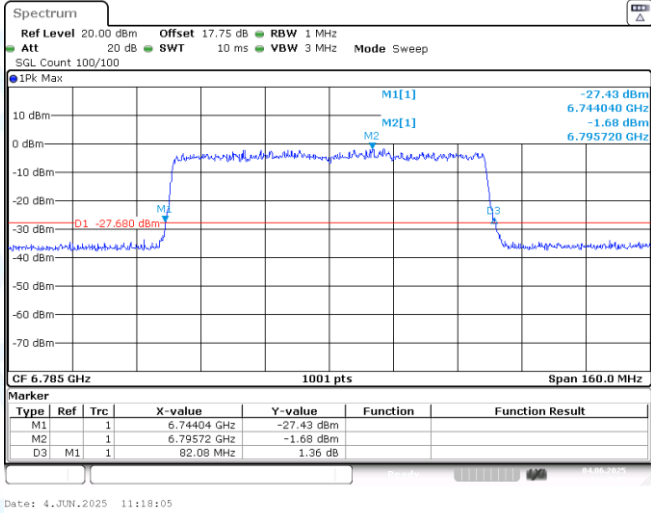
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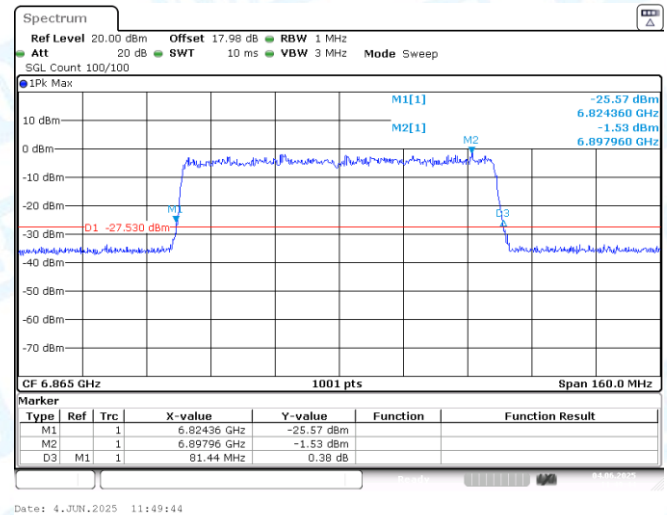
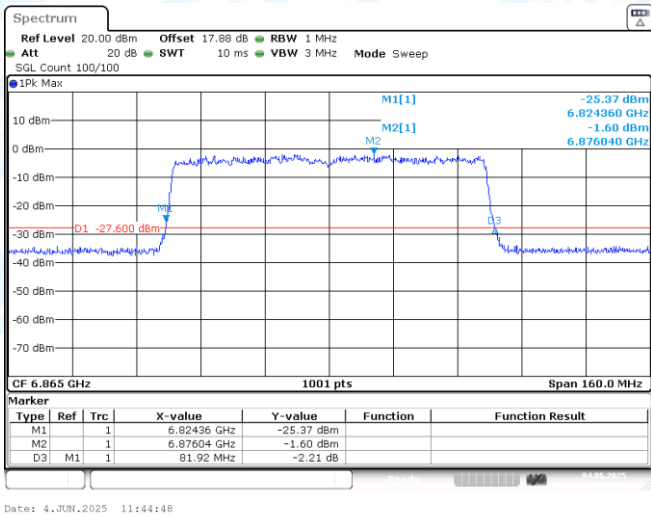
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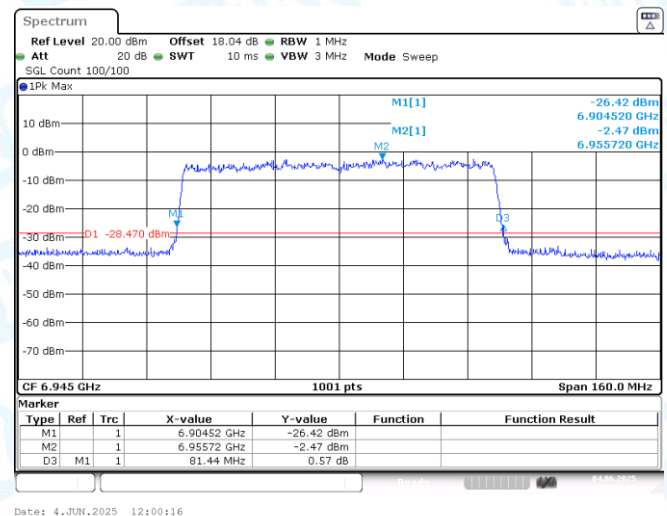
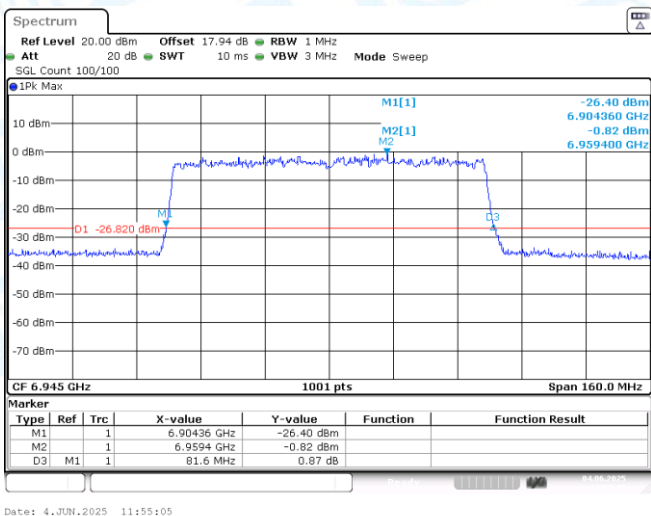
11AX80MIMO-Ant1-6785

11AX80MIMO-Ant2-6785



11AX80MIMO-Ant1-6865

11AX80MIMO-Ant2-6865



11AX80MIMO-Ant1-6945

11AX80MIMO-Ant2-6945