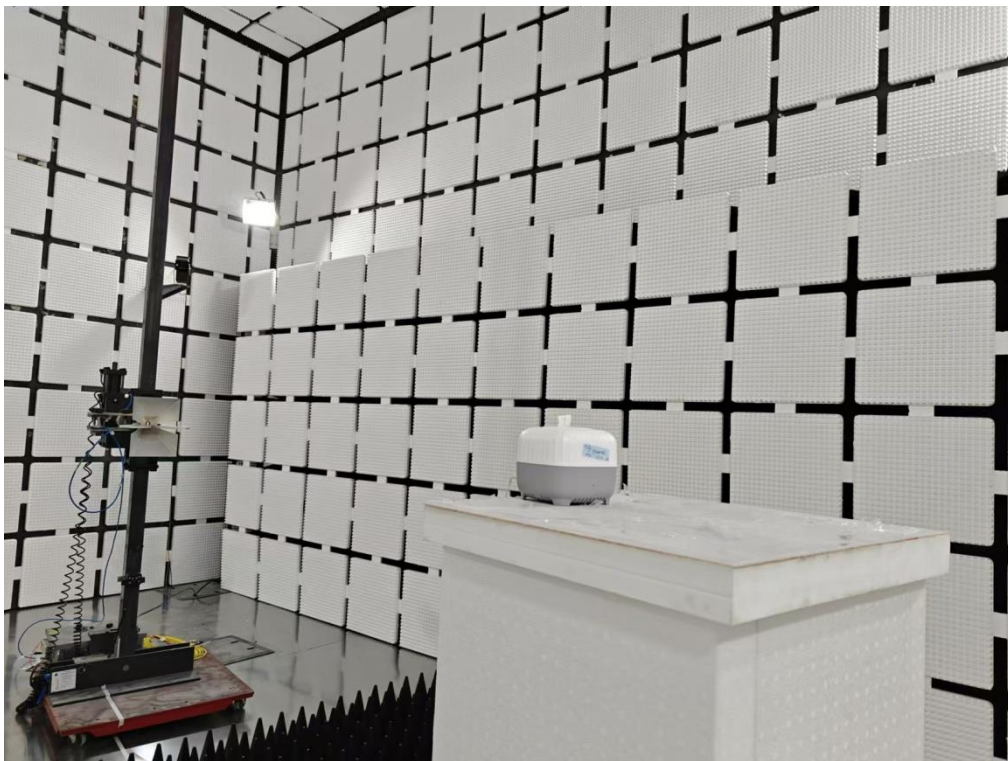
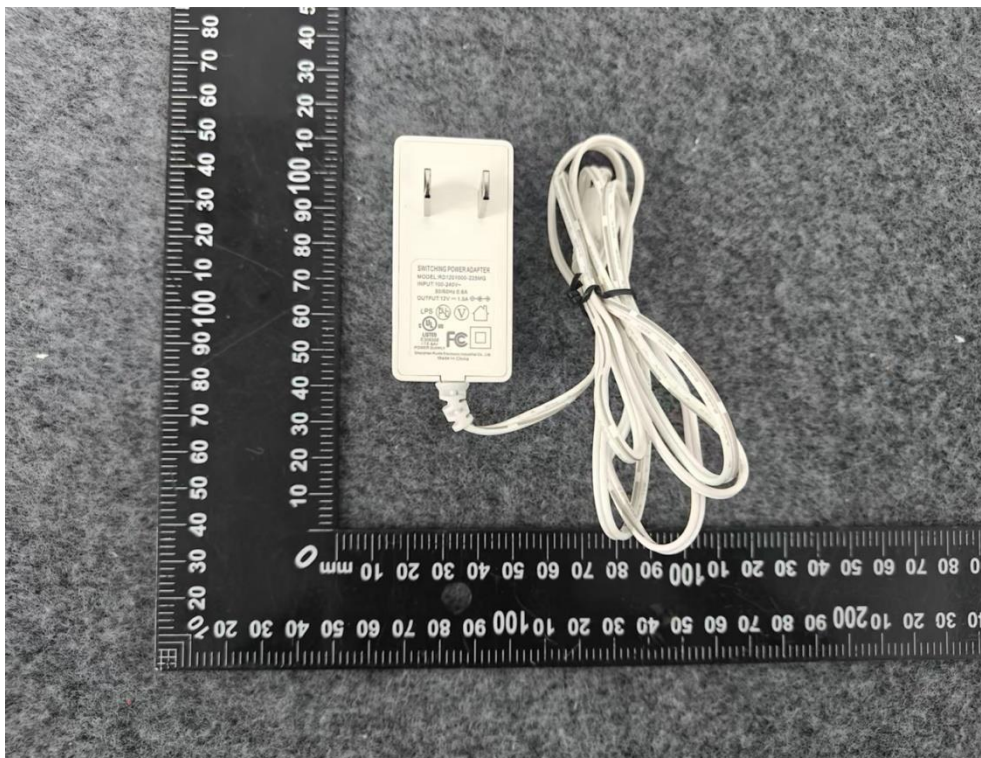
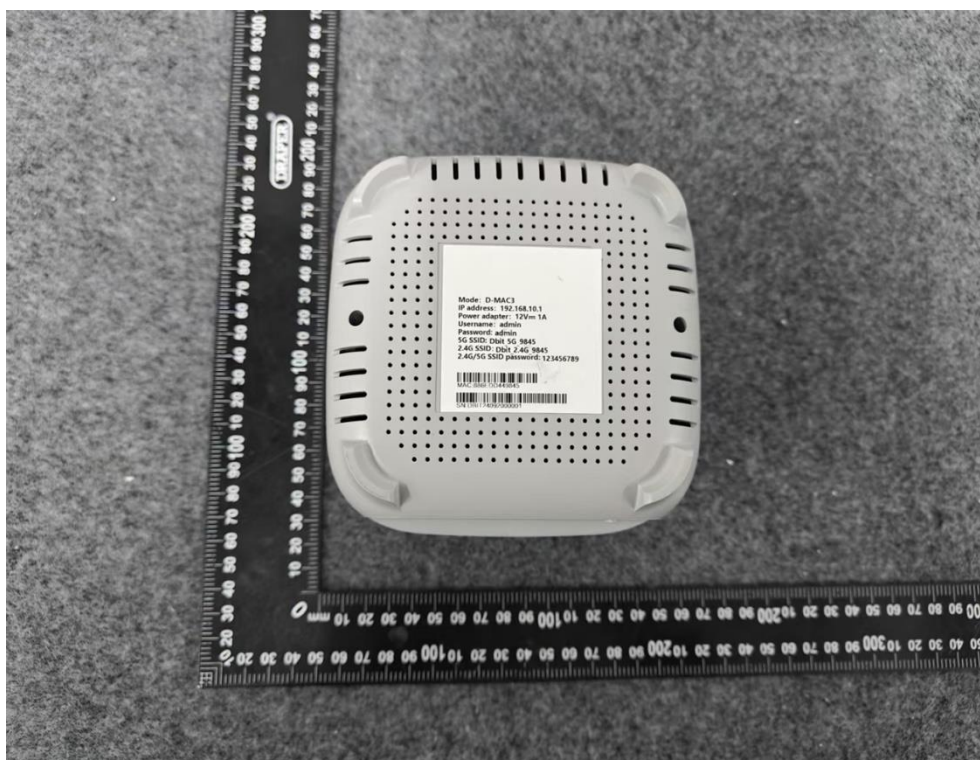


Radiated Emissions Test Photos**30 MHz to 1 GHz****Radiated Emissions Test Photos****Above 1 GHz**

11.EUT PHOTOS

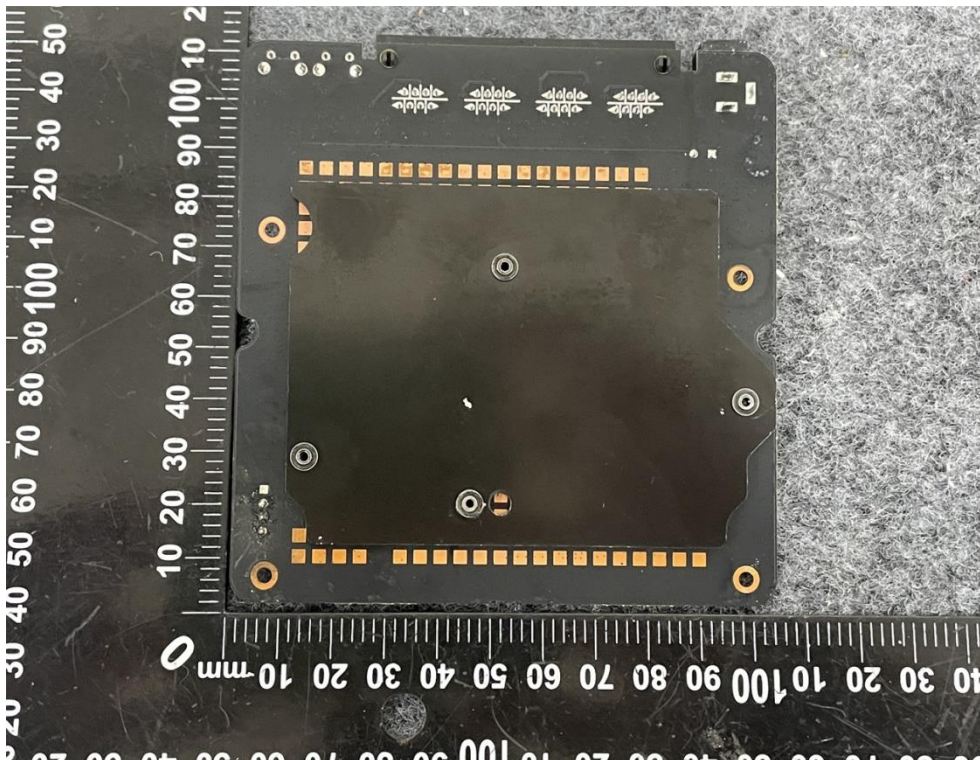






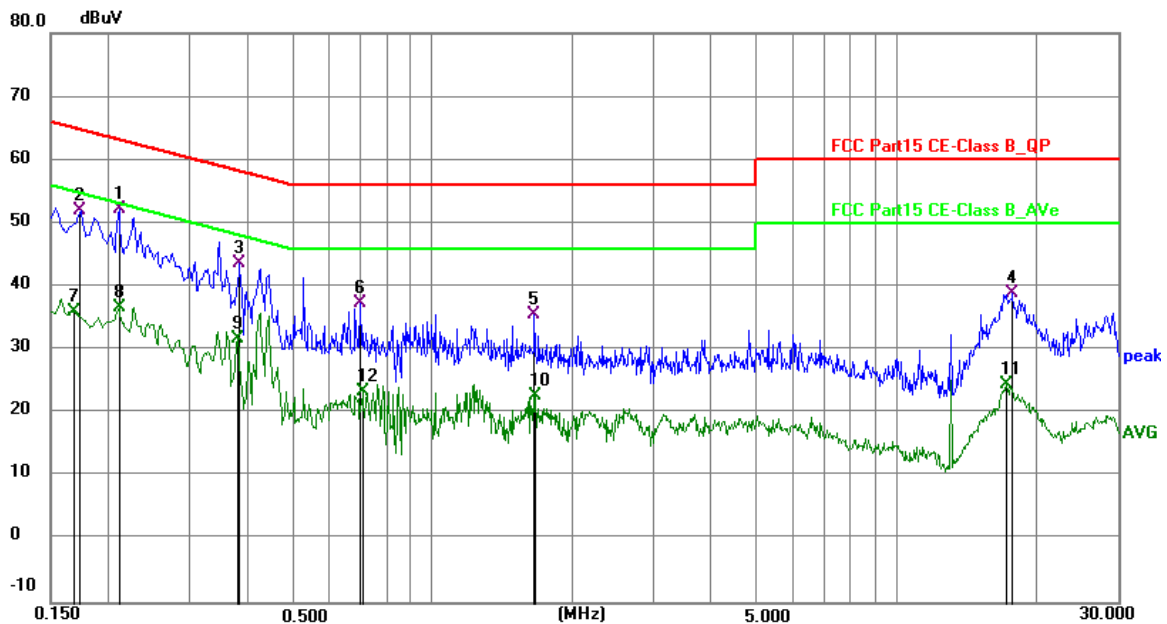






APPENDIX A - AC POWER LINE CONDUCTED EMISSIONS

Test Mode	TX AC(VHT80) Mode Channel 155 (UNII-3)	Phase	Line
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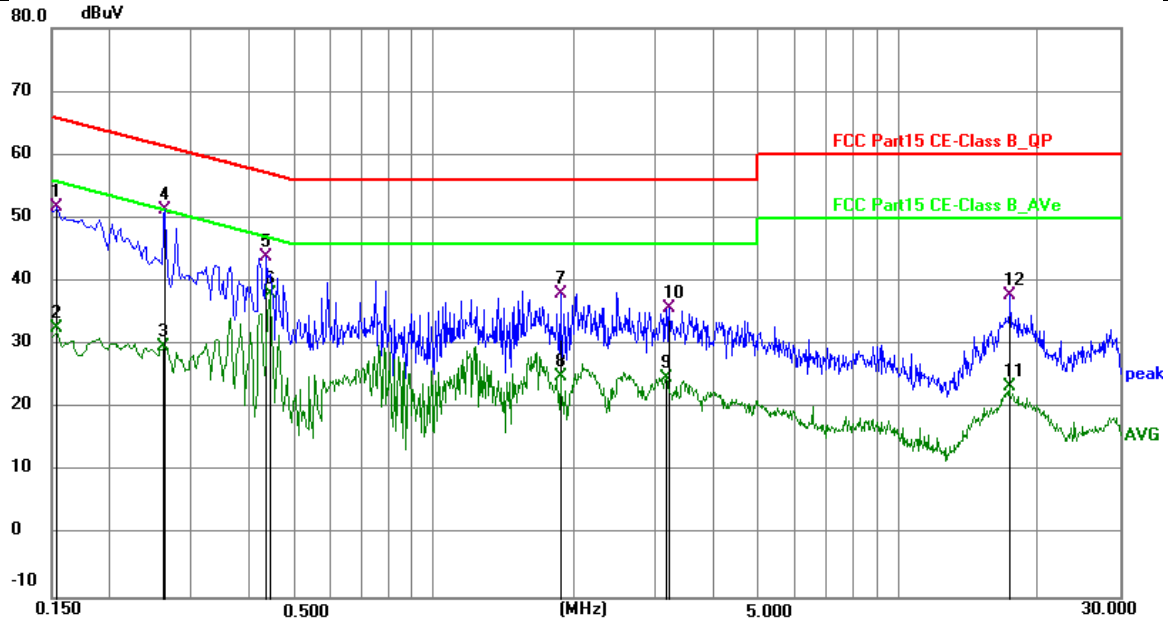


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1 *	0.2100	42.61	9.65	52.26	63.21	-10.95	QP	P	
2	0.1737	42.32	9.66	51.98	64.78	-12.80	QP	P	
3	0.3820	33.56	10.03	43.59	58.24	-14.65	QP	P	
4	17.7655	28.69	10.30	38.99	60.00	-21.01	QP	P	
5	1.6616	25.75	9.81	35.56	56.00	-20.44	QP	P	
6	0.6976	26.91	10.39	37.30	56.00	-18.70	QP	P	
7	0.1685	26.26	9.66	35.92	55.03	-19.11	AVG	P	
8	0.2100	27.02	9.65	36.67	53.21	-16.54	AVG	P	
9	0.3780	21.77	10.03	31.80	48.32	-16.52	AVG	P	
10	1.6656	13.04	9.81	22.85	46.00	-23.15	AVG	P	
11	17.2620	14.17	10.28	24.45	50.00	-25.55	AVG	P	
12	0.7056	12.94	10.40	23.34	46.00	-22.66	AVG	P	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.
- (3) The test result has included the cable loss.

Test Mode	TX AC(VHT80) Mode Channel 155 (UNII-3)	Phase	Neutral
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No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.1539	42.04	9.65	51.69	65.79	-14.10	QP	P	
2	0.1539	22.99	9.65	32.64	55.79	-23.15	AVG	P	
3	0.2615	20.06	9.64	29.70	51.38	-21.68	AVG	P	
4	0.2620	41.69	9.64	51.33	61.37	-10.04	QP	P	
5	0.4340	33.84	10.07	43.91	57.18	-13.27	QP	P	
6 *	0.4420	28.07	10.08	38.15	47.02	-8.87	AVG	P	
7	1.8700	28.24	9.78	38.02	56.00	-17.98	QP	P	
8	1.8700	15.23	9.78	25.01	46.00	-20.99	AVG	P	
9	3.1580	14.85	9.91	24.76	46.00	-21.24	AVG	P	
10	3.2100	25.86	9.92	35.78	56.00	-20.22	QP	P	
11	17.3140	13.12	10.24	23.36	50.00	-26.64	AVG	P	
12	17.4540	27.47	10.24	37.71	60.00	-22.29	QP	P	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.
- (3) The test result has included the cable loss.

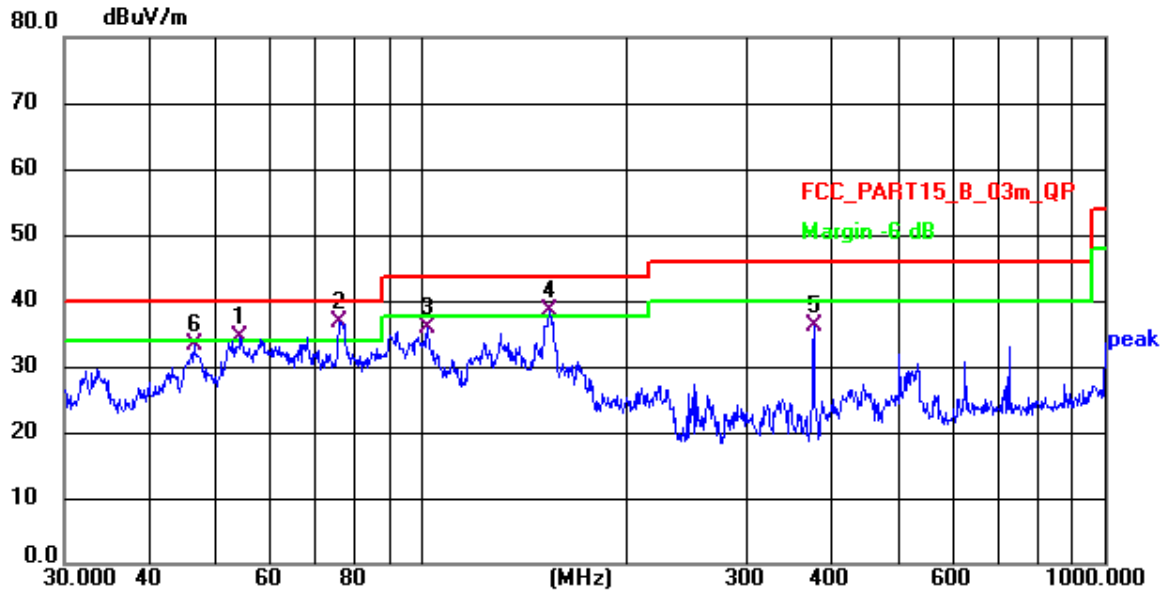
APPENDIX B - RADIATED EMISSION - 9 KHZ TO 30 MHZ

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.

There is a comparison data of both open-field test site and semi-Anechoic chamber, and the result came out very similar.

APPENDIX C - RADIATED EMISSION - 30 MHZ TO 1000 MHZ

Test Mode	TX AC(VHT80) Mode Channel 155 (UNII-3)	Polarization	Vertical
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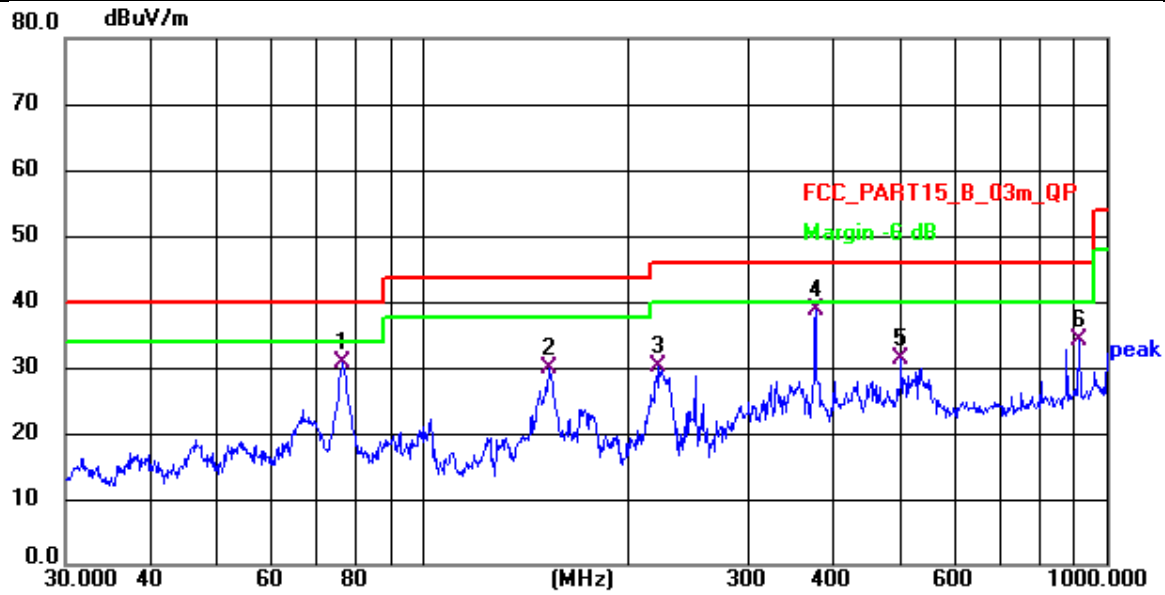


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 !	54.261	53.34	-19.01	34.33	40.00	-5.67	QP
2 *	75.711	58.06	-21.21	36.85	40.00	-3.15	QP
3	102.360	56.67	-20.94	35.73	43.50	-7.77	QP
4 !	153.738	55.53	-17.03	38.50	43.50	-5.00	QP
5	375.938	51.67	-15.54	36.13	46.00	-9.87	QP
6	46.503	51.86	-18.66	33.20	40.00	-6.80	QP

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX AC(VHT80) Mode Channel 155 (UNII-3)	Polarization	Horizontal
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No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	76.512	52.16	-21.40	30.76	40.00	-9.24	QP
2	152.664	46.97	-17.13	29.84	43.50	-13.66	QP
3	221.392	50.59	-20.52	30.07	46.00	-15.93	QP
4 *	375.938	54.20	-15.54	38.66	46.00	-7.34	QP
5	501.179	43.37	-12.20	31.17	46.00	-14.83	QP
6	909.667	40.06	-6.01	34.05	46.00	-11.95	QP

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

APPENDIX D - RADIATED EMISSION - ABOVE 1000 MHZ

Test Result of Band edges.

TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-43.29	≤ -27	PASS
	Ant2	Low	5180	-53.6	≤ -27	PASS
	Ant1	High	5320	-42.17	≤ -27	PASS
	Ant2	High	5320	-51.61	≤ -27	PASS
	Ant1	Low	5500	-42.1	≤ -27	PASS
	Ant2	Low	5500	-49.66	≤ -27	PASS
	Ant1	High	5700	-43.63	≤ -27	PASS
	Ant2	High	5700	-49.22	≤ -27	PASS
11N20MIMO	Ant1	Low	5180	-39.07	≤ -27	PASS
	Ant2	Low	5180	-31.14	≤ -27	PASS
	Ant1	High	5320	-31.81	≤ -27	PASS
	Ant2	High	5320	-37.88	≤ -27	PASS
	Ant1	Low	5500	-31.6	≤ -27	PASS
	Ant2	Low	5500	-41.02	≤ -27	PASS
	Ant1	High	5700	-31.74	≤ -27	PASS
	Ant2	High	5700	-36.56	≤ -27	PASS
11N40MIMO	Ant1	Low	5190	-38.03	≤ -27	PASS
	Ant2	Low	5190	-28.15	≤ -27	PASS
	Ant1	High	5310	-29.1	≤ -27	PASS
	Ant2	High	5310	-32.5	≤ -27	PASS
	Ant1	Low	5510	-31.71	≤ -27	PASS
	Ant2	Low	5510	-34.29	≤ -27	PASS
	Ant1	High	5670	-32.57	≤ -27	PASS
	Ant2	High	5670	-38.08	≤ -27	PASS
11AC20MIMO	Ant1	Low	5180	-39.6	≤ -27	PASS
	Ant2	Low	5180	-38.12	≤ -27	PASS
	Ant1	High	5320	-32.99	≤ -27	PASS
	Ant2	High	5320	-43.15	≤ -27	PASS
	Ant1	Low	5500	-32.52	≤ -27	PASS
	Ant2	Low	5500	-42.74	≤ -27	PASS
	Ant1	High	5700	-31.51	≤ -27	PASS
	Ant2	High	5700	-37.48	≤ -27	PASS
11AC40MIMO	Ant1	Low	5190	-36.24	≤ -27	PASS
	Ant2	Low	5190	-29.93	≤ -27	PASS
	Ant1	High	5310	-39.15	≤ -27	PASS
	Ant2	High	5310	-32.28	≤ -27	PASS
	Ant1	Low	5510	-41.61	≤ -27	PASS
	Ant2	Low	5510	-34.22	≤ -27	PASS
	Ant1	High	5670	-40.41	≤ -27	PASS
	Ant2	High	5670	-42.68	≤ -27	PASS
11AC80MIMO	Ant1	Low	5210	-32.98	≤ -27	PASS
	Ant2	Low	5210	-28.51	≤ -27	PASS
	Ant1	High	5290	-33.96	≤ -27	PASS
	Ant2	High	5290	-31.99	≤ -27	PASS
	Ant1	Low	5530	-37.09	≤ -27	PASS
	Ant2	Low	5530	-29.19	≤ -27	PASS
	Ant1	High	5610	-46.36	≤ -27	PASS
	Ant2	High	5610	-40.89	≤ -27	PASS

Test Result B4

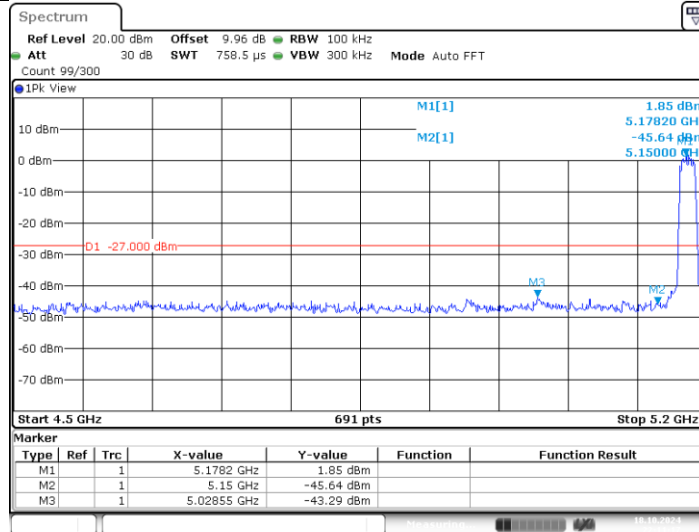
TestMode	Antenna	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-43.92	≤ -16.76	PASS
				5700~5720	-44.24	≤ -13.31	PASS
				5720~5725	-44.29	≤ -18.64	PASS
				5760~5650	-44.49	≤ -27	PASS
	Ant2	Low	5745	5650~5700	-55.29	≤ -6.92	PASS

	Ant1	High	5825	5700~5720	-49.04	≤15.32	PASS
				5720~5725	-44.99	≤25.10	PASS
				5760~5650	-57.01	≤-27	PASS
				5850~5855	-43.98	≤23.38	PASS
				5855~5875	-43.93	≤14.38	PASS
				5875~5925	-43.75	≤-26.04	PASS
	Ant2	High	5825	5925~5935	-44.28	≤-27	PASS
				5850~5855	-48.63	≤16.25	PASS
				5855~5875	-52.01	≤12.13	PASS
				5875~5925	-53.51	≤-3.01	PASS
				5925~5935	-54.33	≤-27	PASS
11N20MI MO	Ant1	Low	5745	5650~5700	-33.19	≤8.77	PASS
				5700~5720	-33.27	≤15.55	PASS
				5720~5725	-27.31	≤27.00	PASS
				5760~5650	-34.88	≤-27	PASS
	Ant2	Low	5745	5650~5700	-46.15	≤-5.42	PASS
				5700~5720	-42.1	≤15.60	PASS
				5720~5725	-34.91	≤27.00	PASS
				5760~5650	-47.36	≤-27	PASS
	Ant1	High	5825	5850~5855	-34.33	≤26.95	PASS
				5855~5875	-32.98	≤13.99	PASS
				5875~5925	-33.48	≤-26.90	PASS
				5925~5935	-34.75	≤-27	PASS
	Ant2	High	5825	5850~5855	-35.38	≤26.06	PASS
				5855~5875	-36.78	≤10.05	PASS
				5875~5925	-44.38	≤-24.01	PASS
				5925~5935	-44.63	≤-27	PASS
11N40MI MO	Ant1	Low	5755	5650~5700	-34.34	≤9.55	PASS
				5700~5720	-33.21	≤14.38	PASS
				5720~5725	-32.42	≤21.25	PASS
				5780~5650	-34.2	≤-27	PASS
	Ant2	Low	5755	5650~5700	-42.54	≤9.98	PASS
				5700~5720	-28.25	≤15.42	PASS
				5720~5725	-27.29	≤24.37	PASS
				5780~5650	-46.64	≤-27	PASS
	Ant1	High	5795	5850~5855	-33.78	≤26.75	PASS
				5855~5875	-31.95	≤14.05	PASS
				5875~5925	-32.97	≤-24.01	PASS
				5925~5935	-34.82	≤-27	PASS
	Ant2	High	5795	5850~5855	-34.25	≤26.75	PASS
				5855~5875	-33.75	≤10.10	PASS
				5875~5925	-39.21	≤-20.12	PASS
				5925~5935	-44.65	≤-27	PASS
11AC20 MIMO	Ant1	Low	5745	5650~5700	-33.97	≤7.90	PASS
				5700~5720	-34.44	≤13.78	PASS
				5720~5725	-29.98	≤26.24	PASS
				5760~5650	-34.06	≤-27	PASS
	Ant2	Low	5745	5650~5700	-46.32	≤8.15	PASS
				5700~5720	-42.3	≤14.76	PASS
				5720~5725	-29.2	≤24.72	PASS
				5760~5650	-47.27	≤-27	PASS
	Ant1	High	5825	5850~5855	-33.68	≤18.48	PASS
				5855~5875	-33.21	≤12.95	PASS
				5875~5925	-33.26	≤-7.79	PASS
				5925~5935	-34.51	≤-27	PASS
	Ant2	High	5825	5850~5855	-40.02	≤18.03	PASS
				5855~5875	-40.73	≤10.05	PASS
				5875~5925	-44.33	≤-9.96	PASS
				5925~5935	-45.82	≤-27	PASS
11AC40 MIMO	Ant1	Low	5755	5650~5700	-44.11	≤8.68	PASS
				5700~5720	-37.78	≤15.03	PASS
				5720~5725	-36.96	≤22.14	PASS
				5780~5650	-48.54	≤-27	PASS
	Ant2	Low	5755	5650~5700	-43.79	≤5.50	PASS
				5700~5720	-31.33	≤14.92	PASS
				5720~5725	-30.24	≤26.60	PASS
				5780~5650	-46.9	≤-27	PASS

	Ant1	High	5795	5850~5855	-40.75	≤ 22.39	PASS
				5855~5875	-42.91	≤ 11.04	PASS
				5875~5925	-45.71	≤ -26.13	PASS
				5925~5935	-46.11	≤ -27	PASS
	Ant2	High	5795	5850~5855	-39.65	≤ 22.93	PASS
				5855~5875	-41.78	≤ 10.37	PASS
				5875~5925	-44.67	≤ -14.63	PASS
				5925~5935	-44.94	≤ -27	PASS
11AC80 MIMO	Ant1	Low	5775	5650~5700	-40.81	≤ 4.38	PASS
				5700~5720	-35.33	≤ 15.04	PASS
				5720~5725	-36.5	≤ 24.37	PASS
				5800~5650	-47.61	≤ -27	PASS
		High	5775	5850~5855	-49	≤ 17.45	PASS
				5855~5875	-47.06	≤ 15.51	PASS
				5875~5925	-45.28	≤ -1.65	PASS
				5925~5935	-47.76	≤ -27	PASS
	Ant2	Low	5775	5650~5700	-35.03	≤ -1.61	PASS
				5700~5720	-29.63	≤ 15.48	PASS
				5720~5725	-29.14	≤ 24.37	PASS
				5800~5650	-45.93	≤ -27	PASS

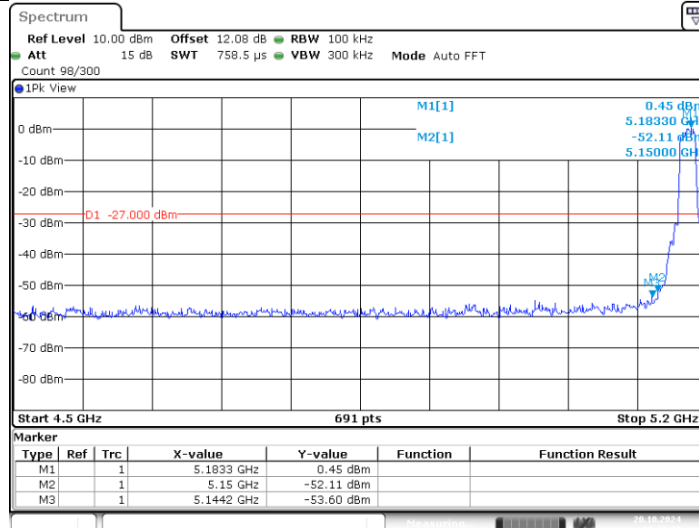
Test Graphs B1/2/3

11A_Ant1_Low_5180



Date: 18.OCT.2024 22:11:17

11A_Ant2_Low_5180



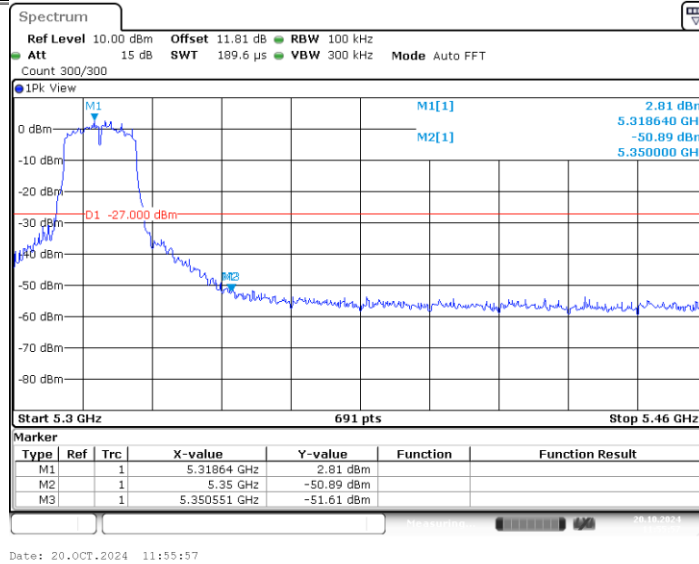
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11A_Ant1_High_5320

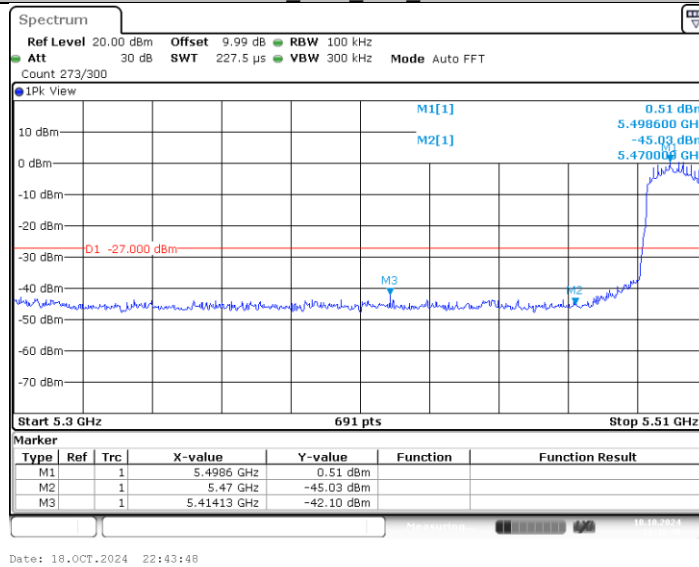


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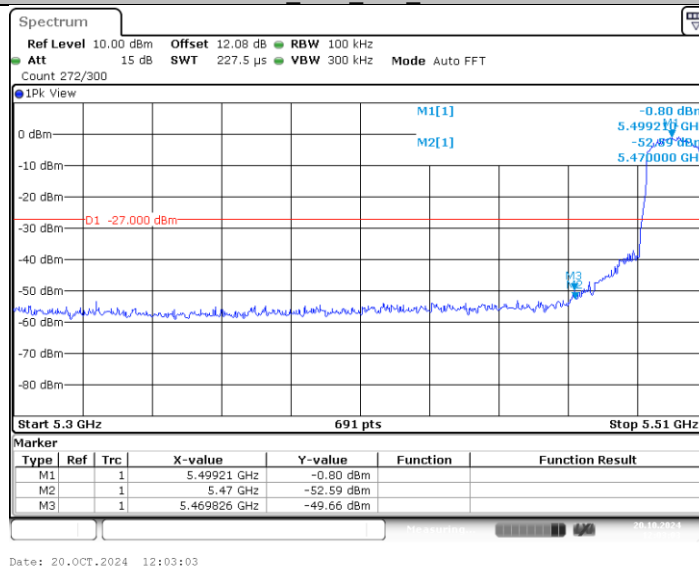
11A_Ant2_High_5320



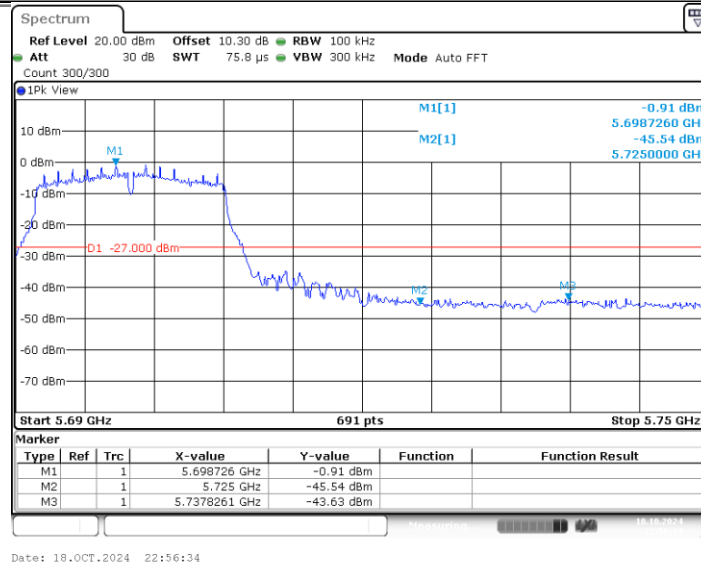
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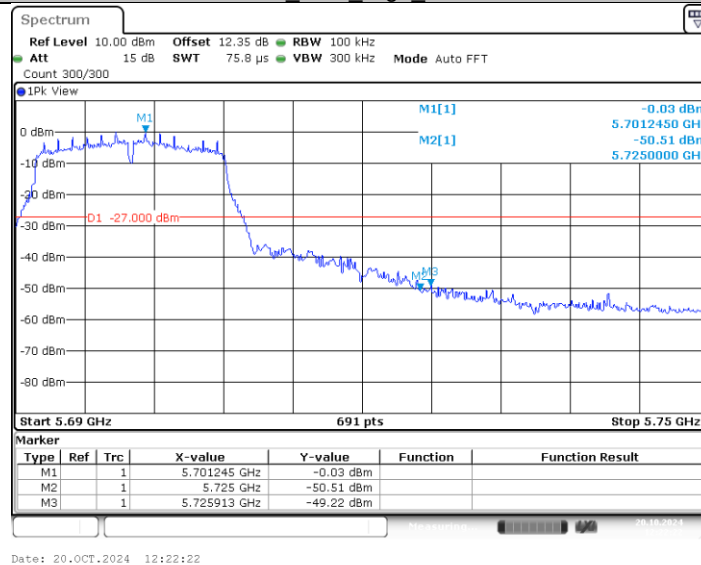
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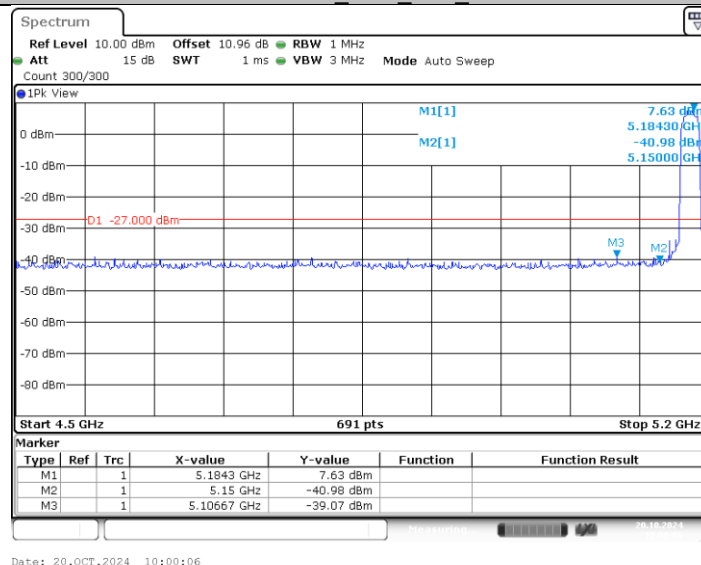
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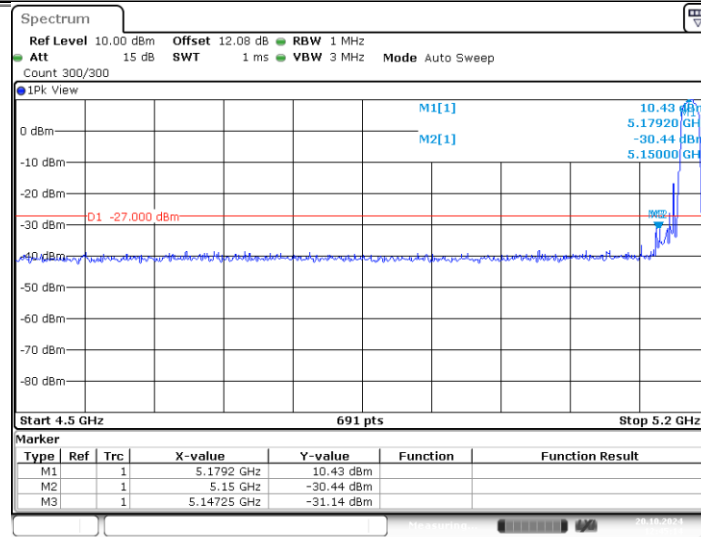
11A Ant2 High 5700



11N20MIMO_Ant1_Low 5180

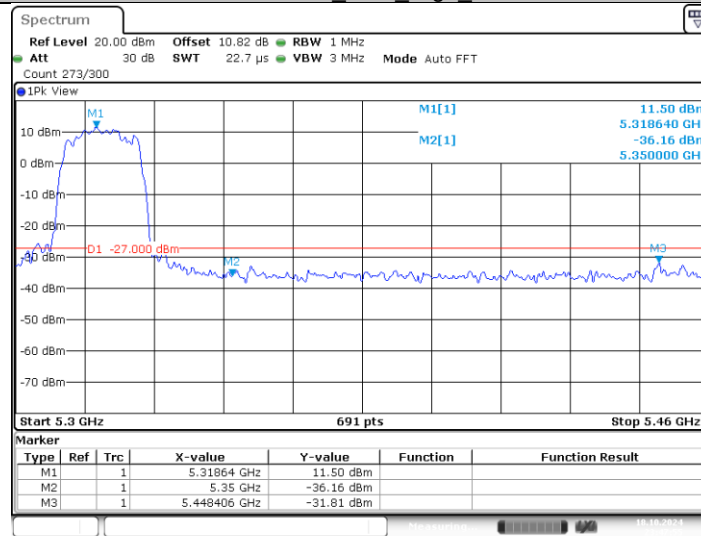


11N20MIMO_Ant2_Low 5180



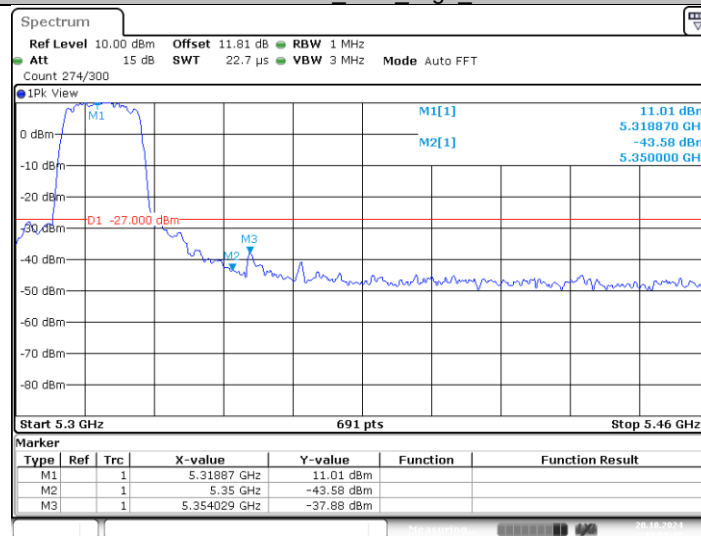
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11N20MIMO_Ant1_High_5320



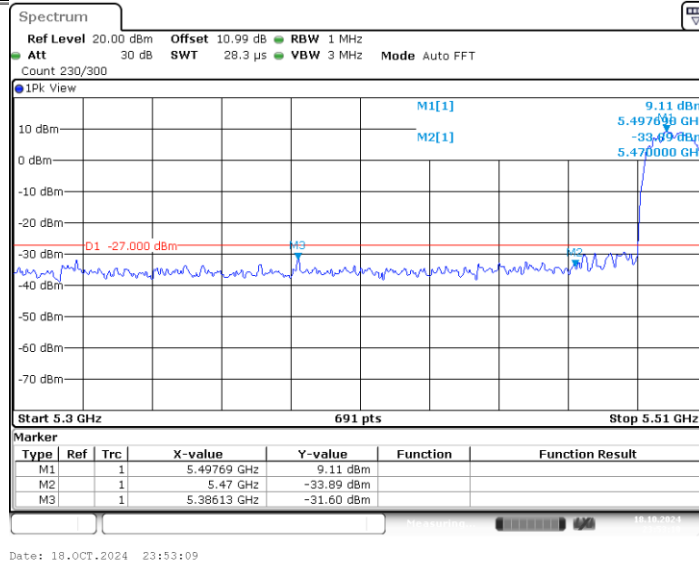
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11N20MIMO_Ant2_High_5320

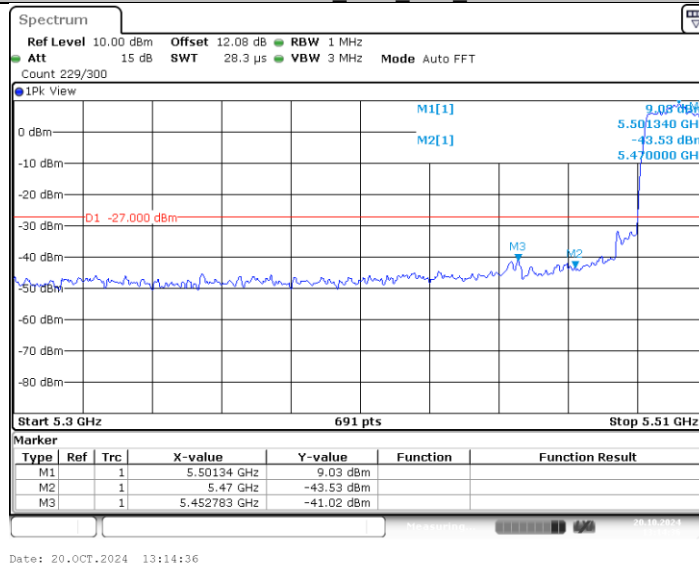


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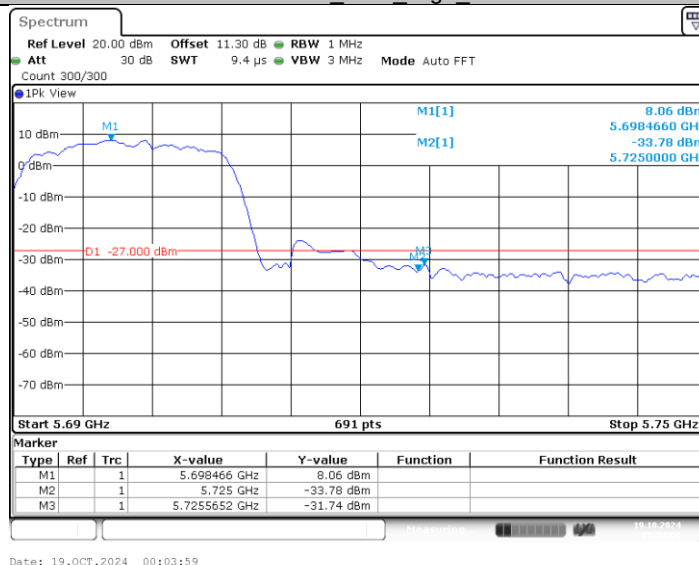
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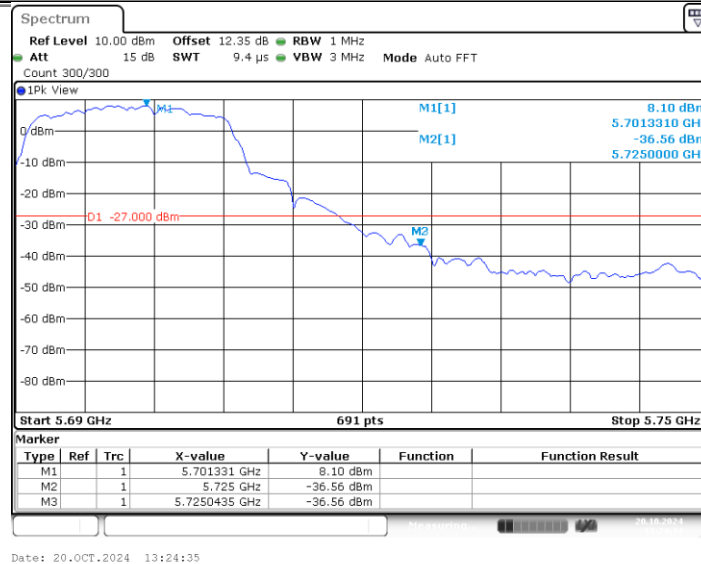
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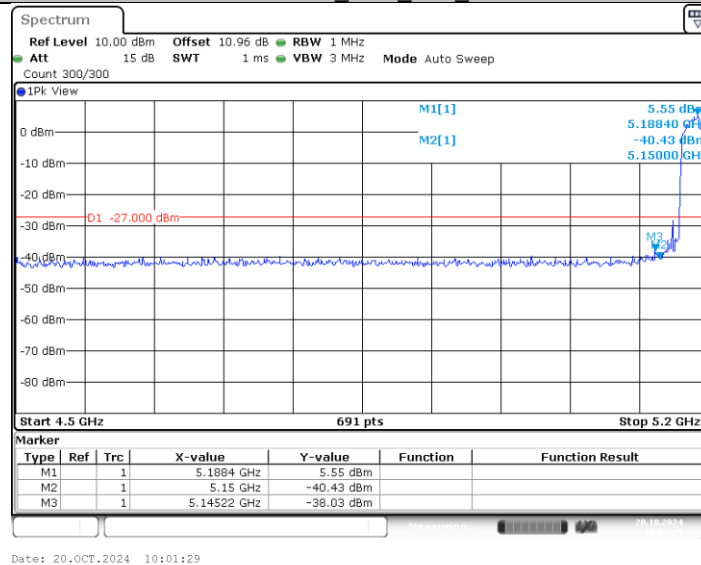
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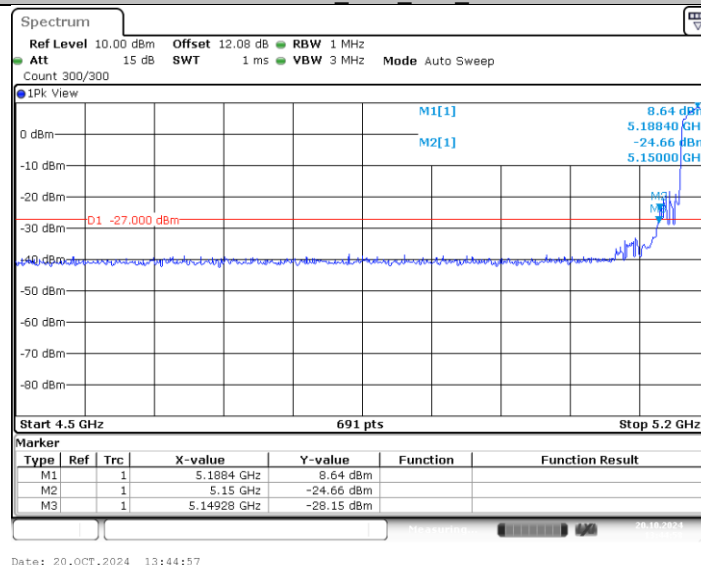
11N20MIMO_Ant2_High_5700



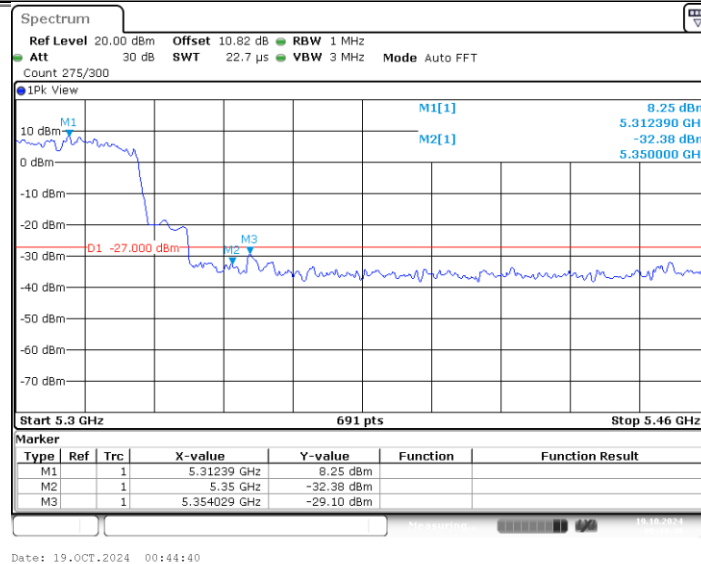
11N40MIMO_Ant1_Low_5190



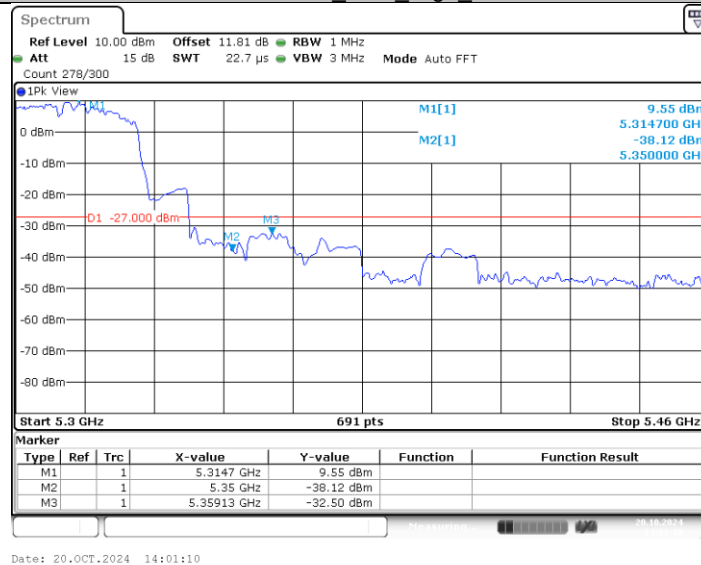
11N40MIMO_Ant2_Low_5190



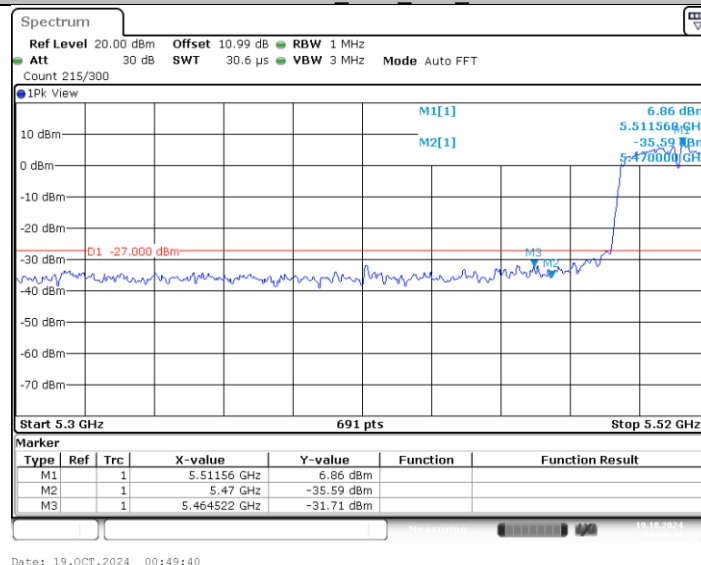
11N40MIMO_Ant1_High_5310



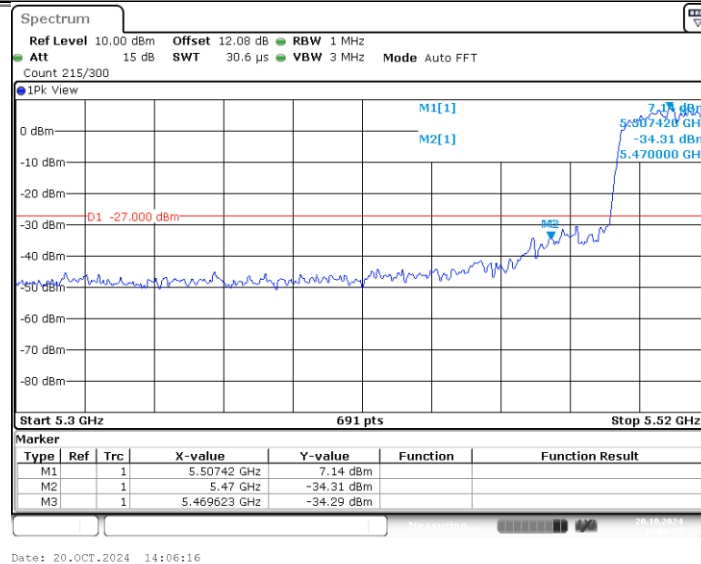
11N40MIMO_Ant2_High_5310



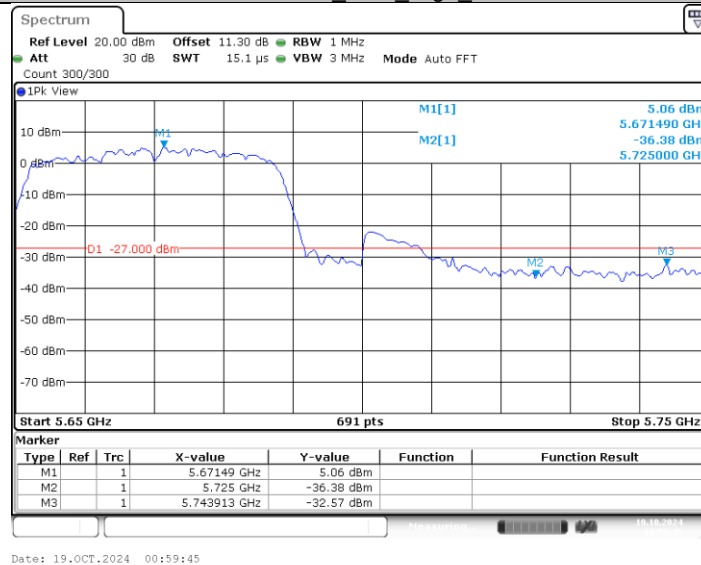
11N40MIMO_Ant1_Low_5510



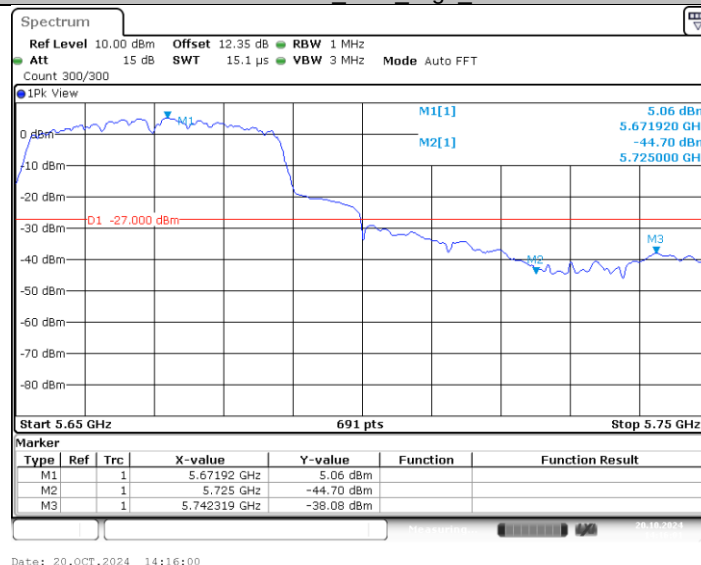
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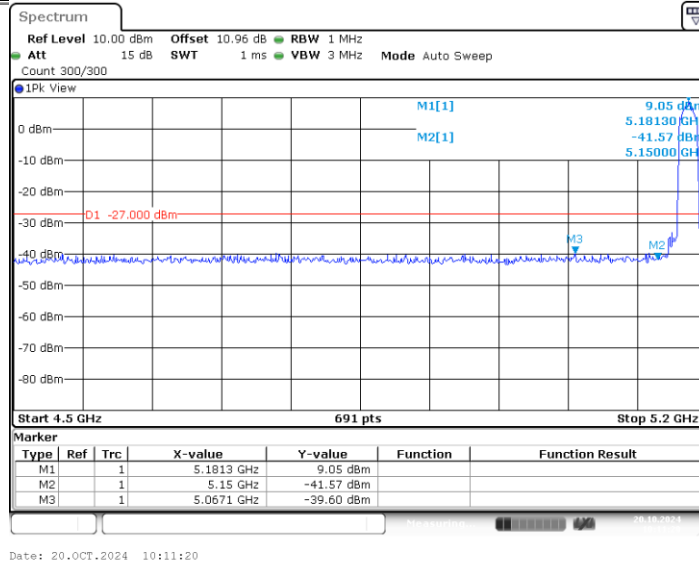
11N40MIMO_Ant1_High_5670



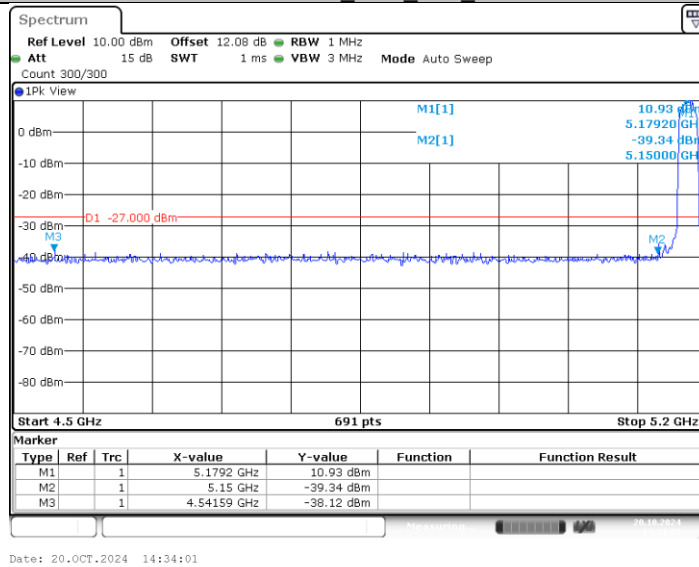
11N40MIMO_Ant2_High_5670



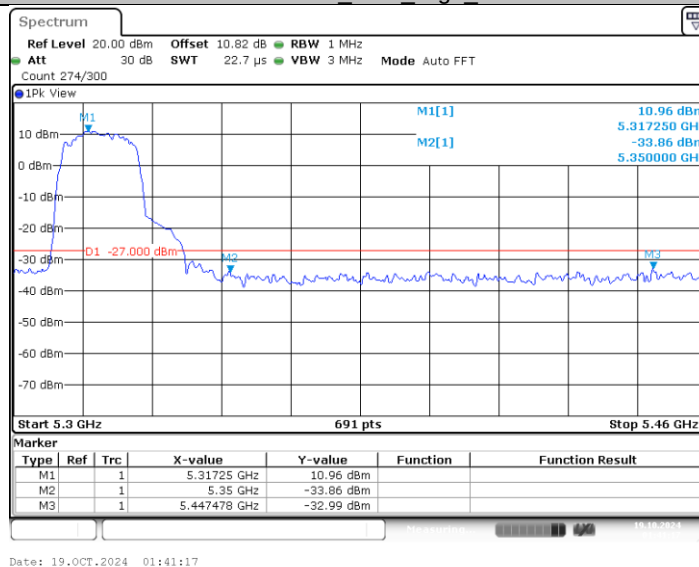
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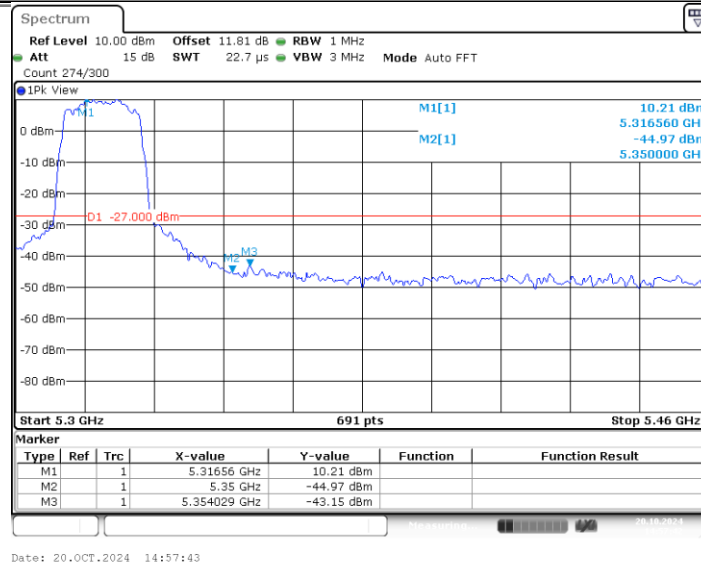
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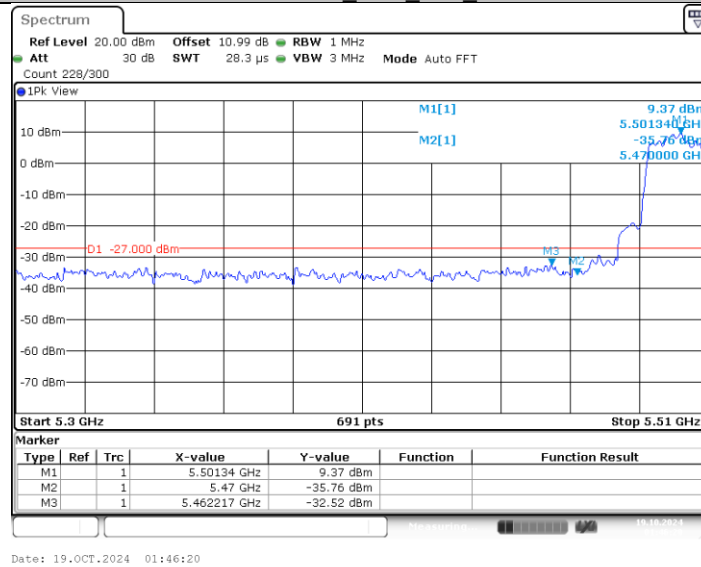
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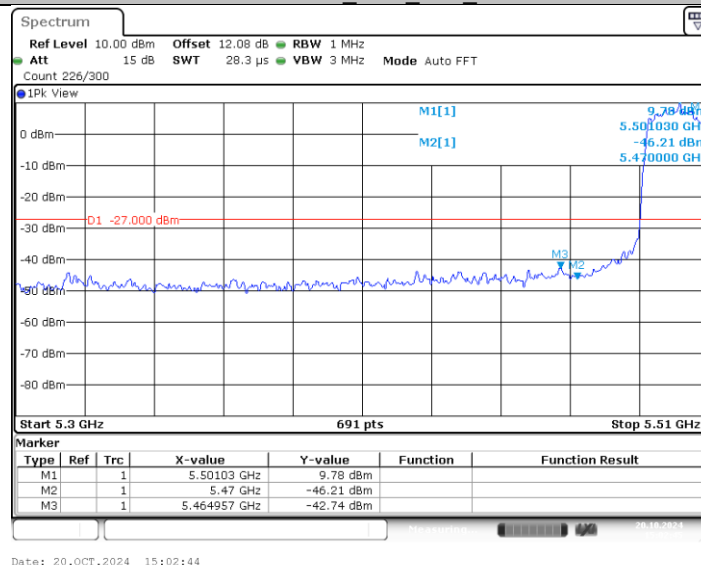
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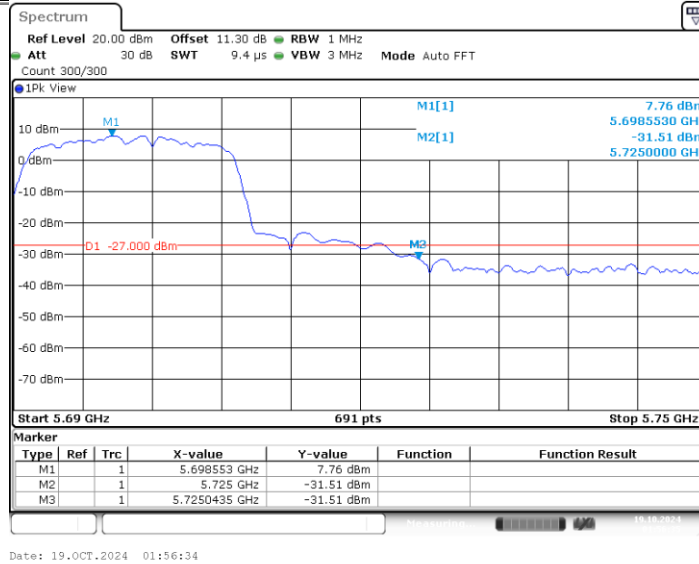
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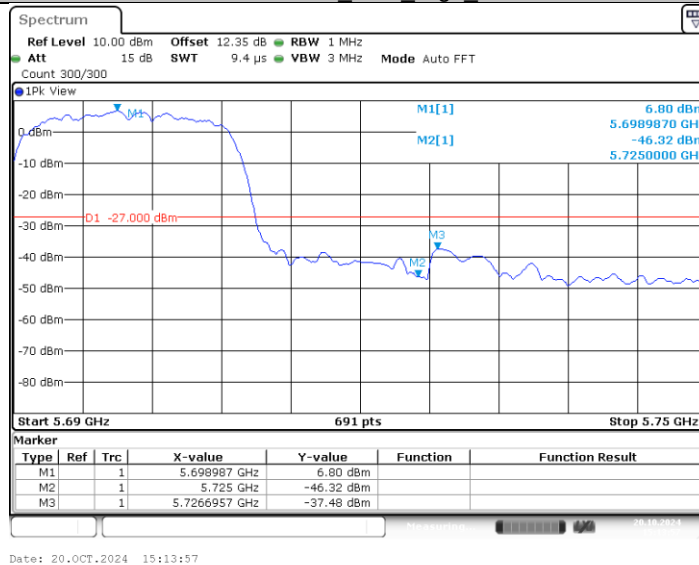
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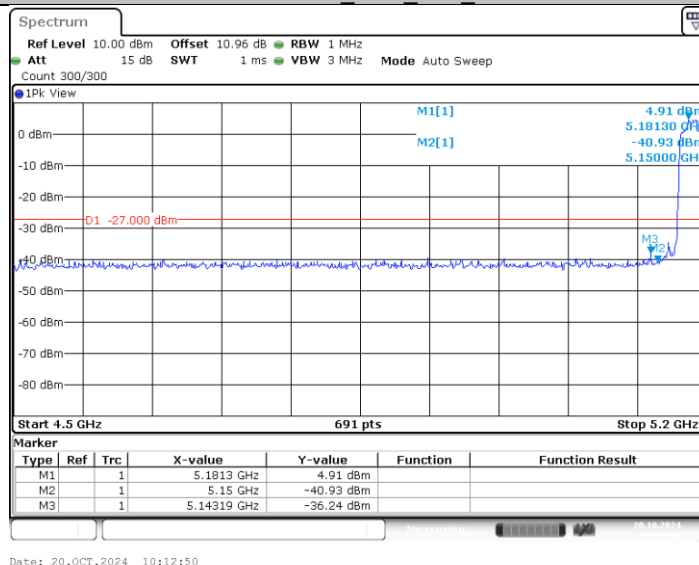
11AC20MIMO_Ant1_High_5700



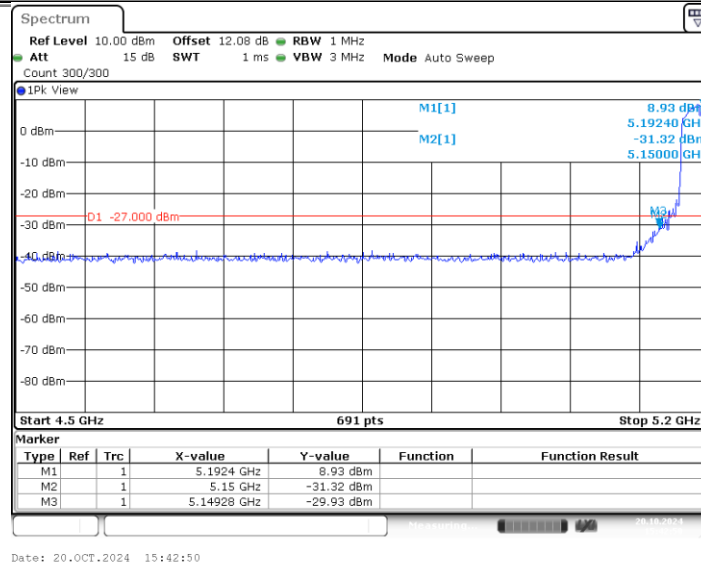
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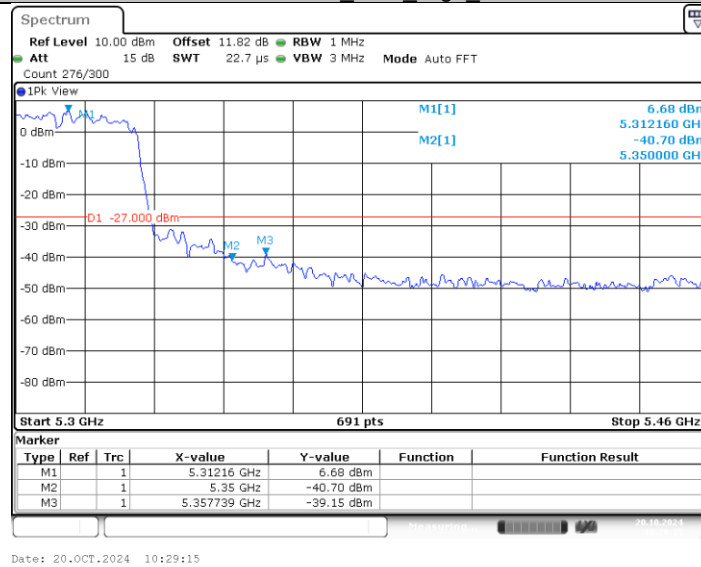
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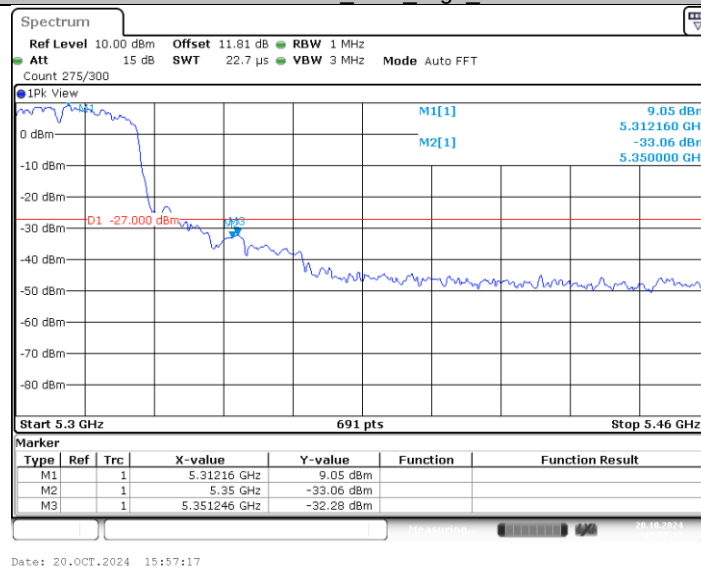
11AC40MIMO Ant2 Low 5190



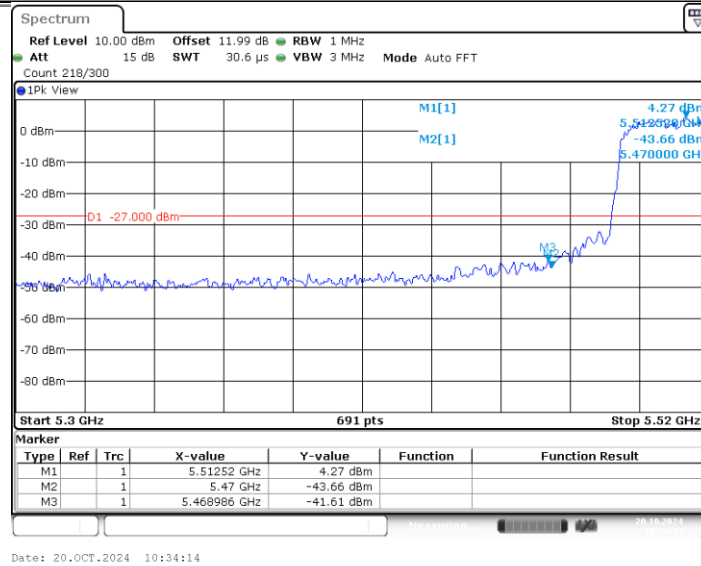
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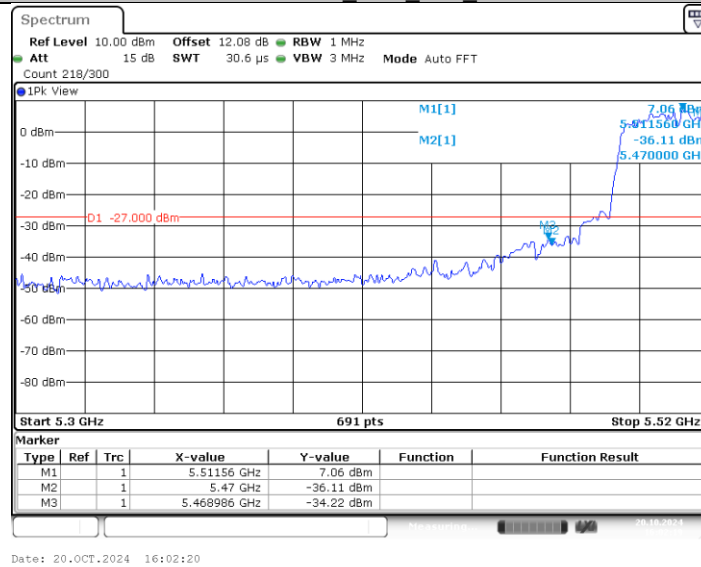
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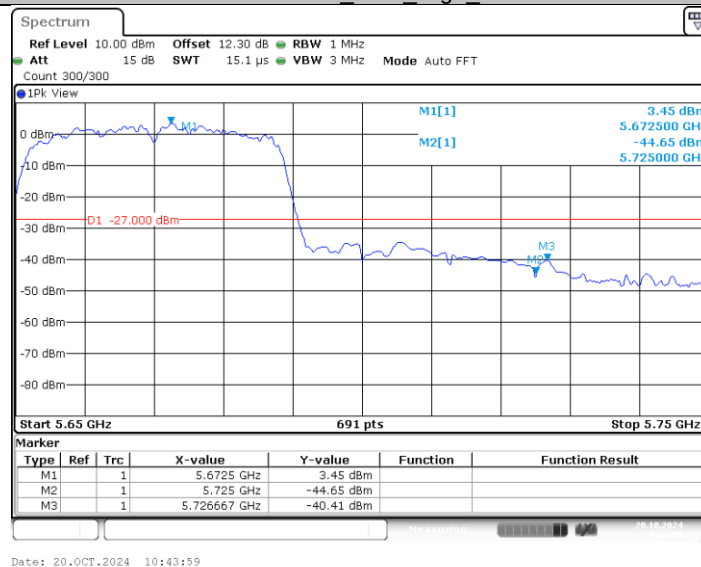
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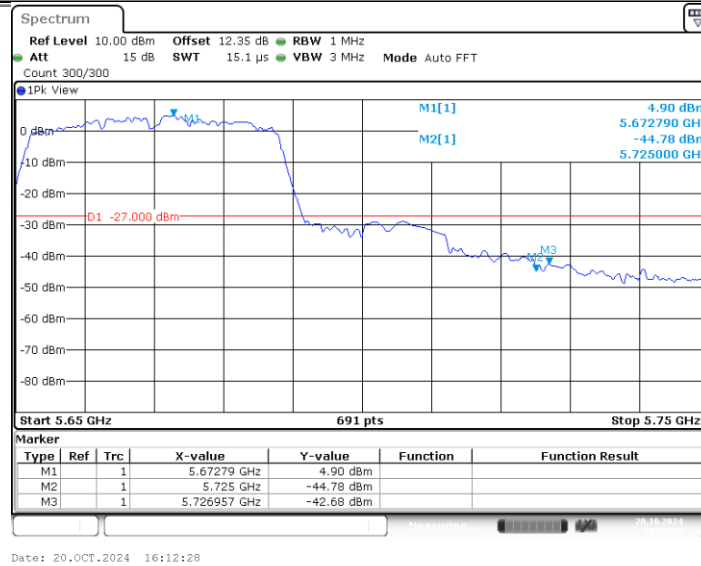
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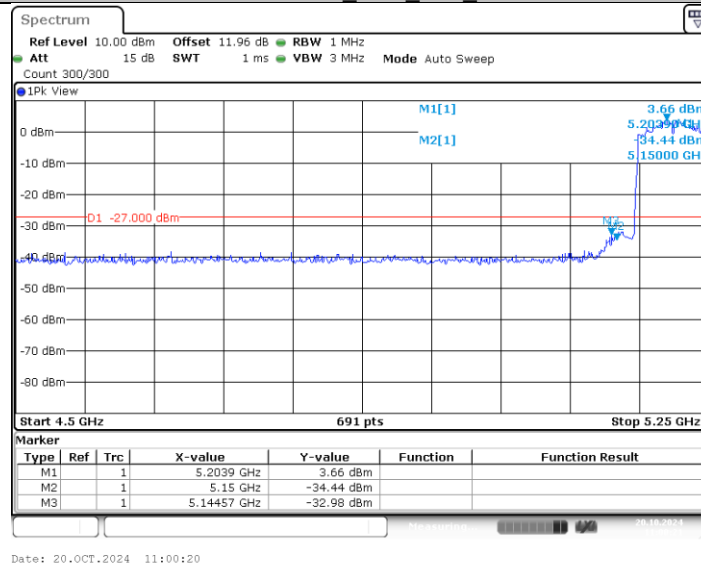
11AC40MIMO_Ant1_High_5670



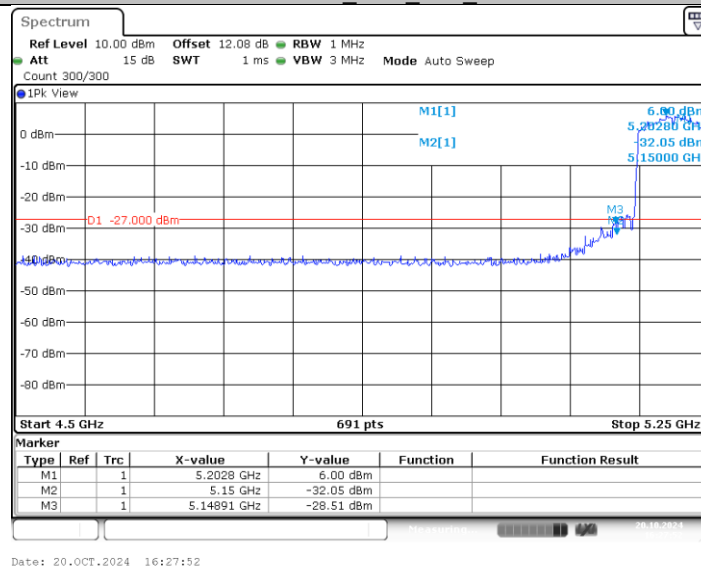
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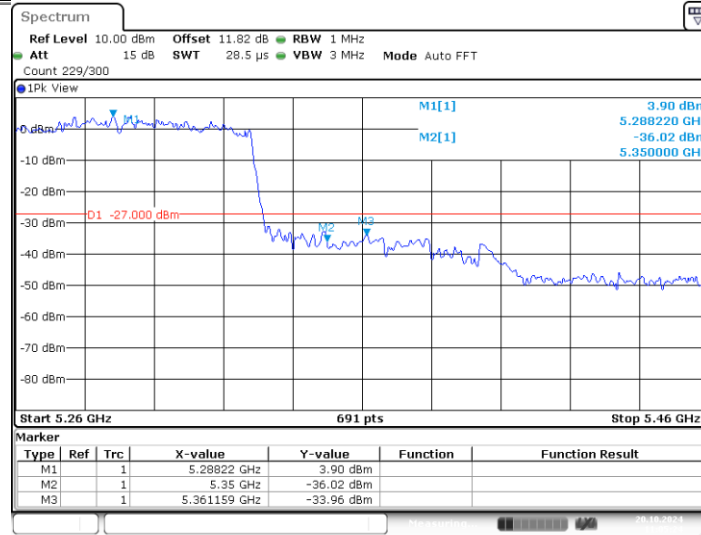
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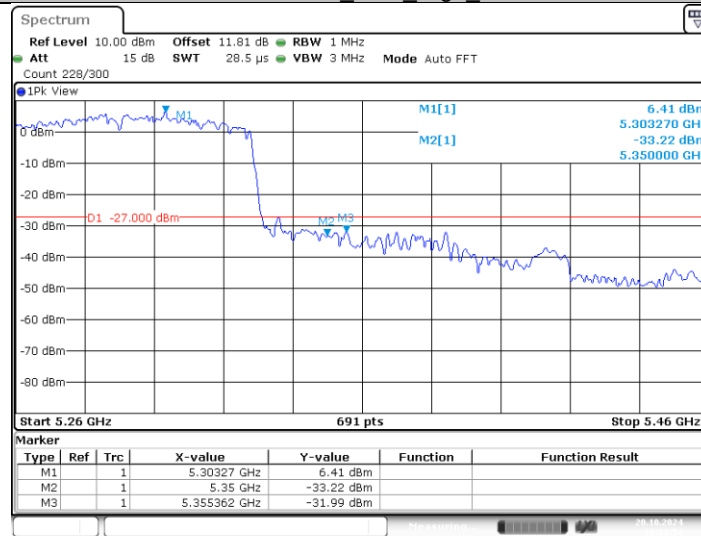
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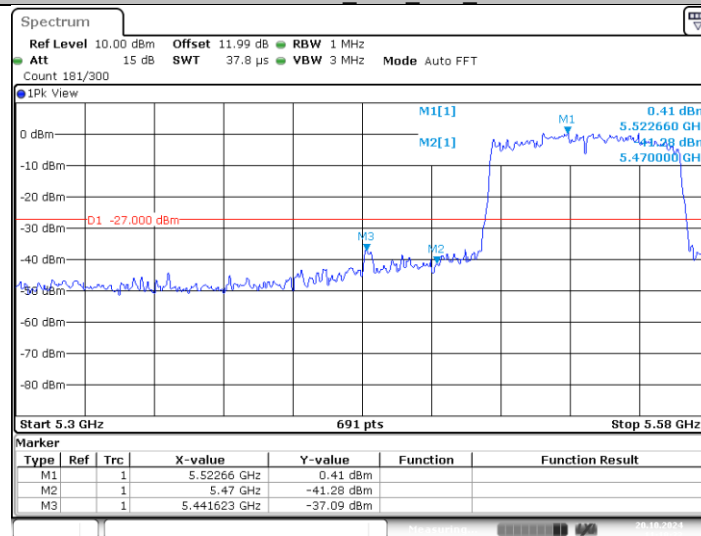
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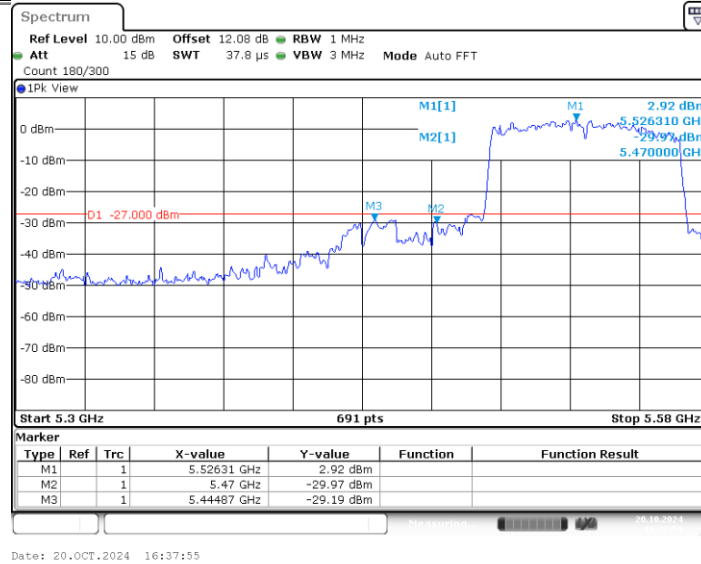
11AC80MIMO Ant2 High 5290



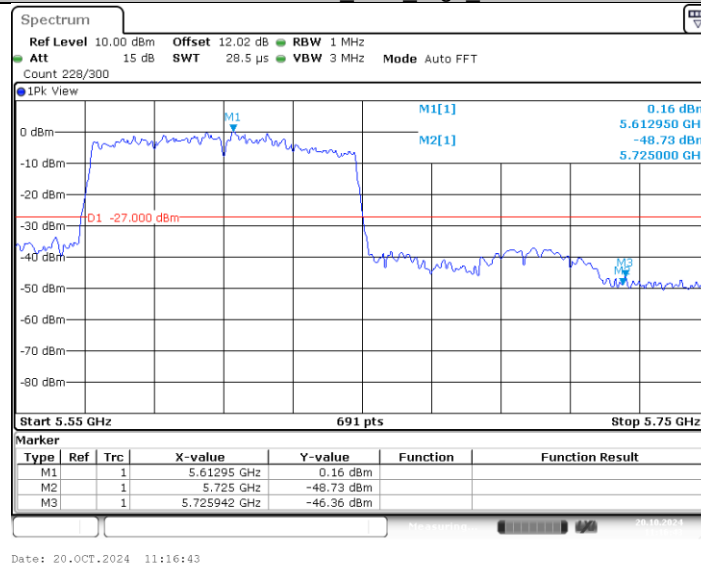
11AC80MIMO Ant1 Low 5530



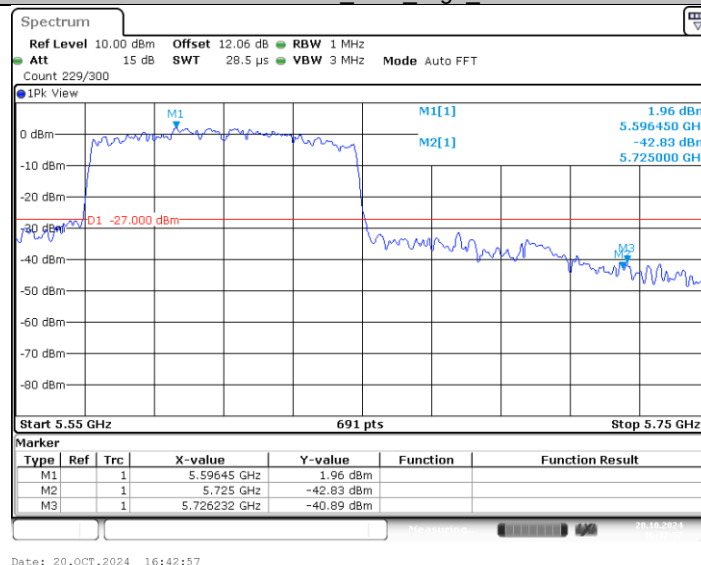
11AC80MIMO Ant2 Low 5530



11AC80MIMO_Ant1_High_5610

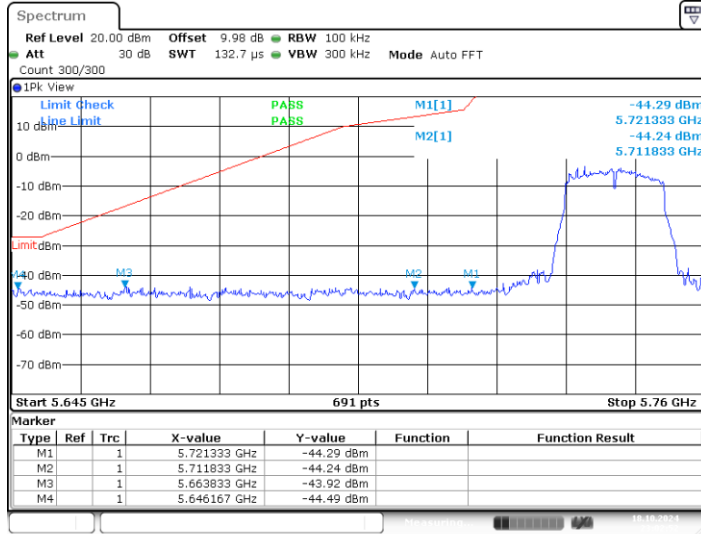


11AC80MIMO_Ant2_High_5610



Test Graphs B4

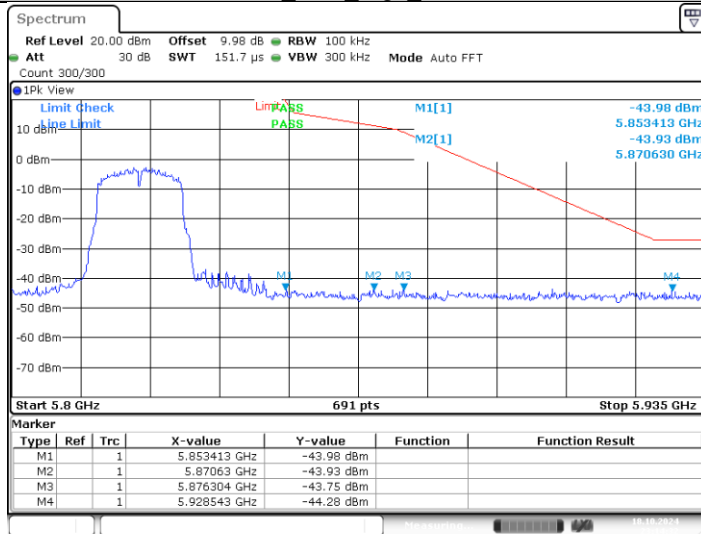
11A_Ant1_Low_5745



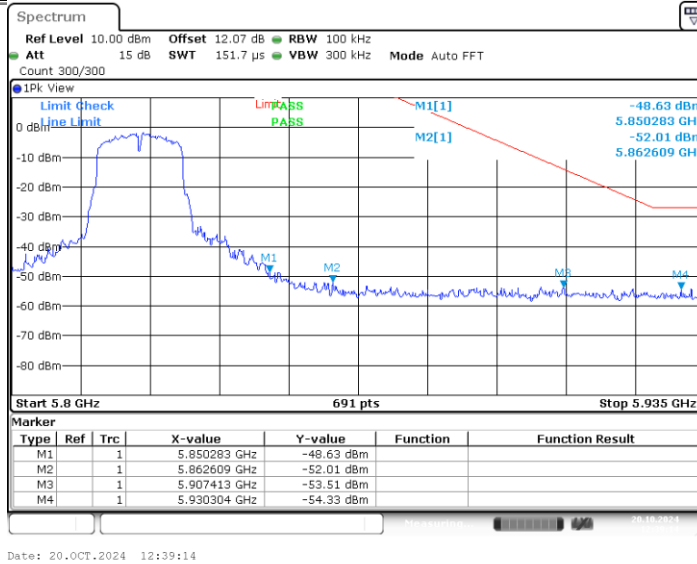
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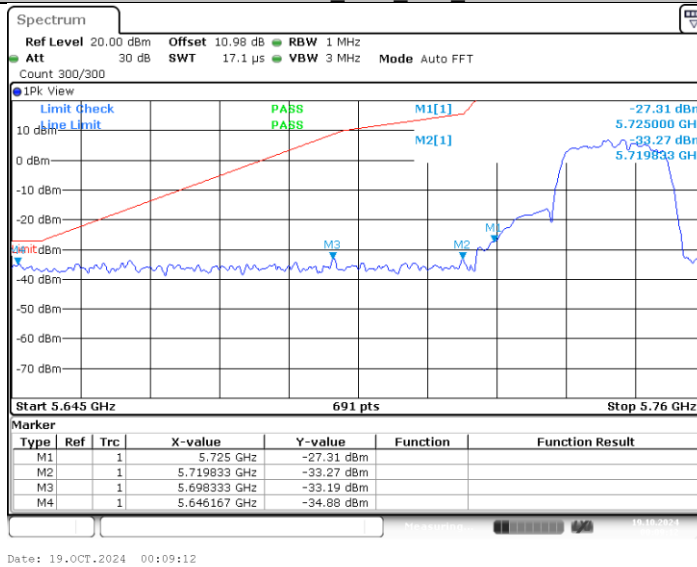
11A_Ant1_High_5825



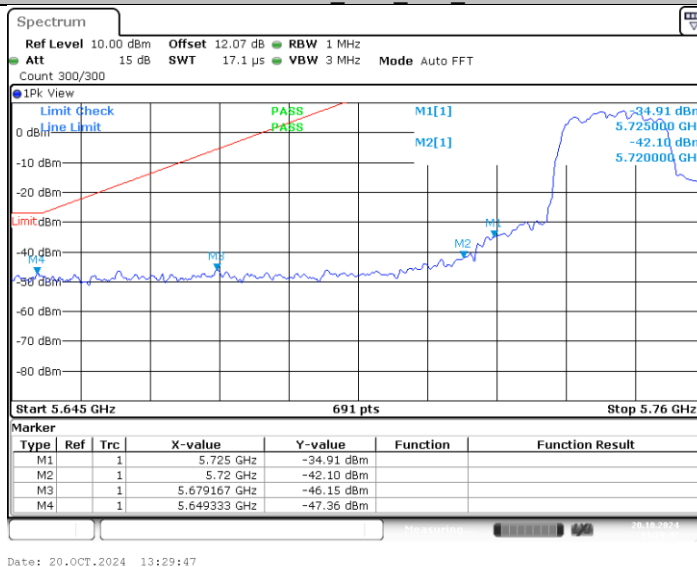
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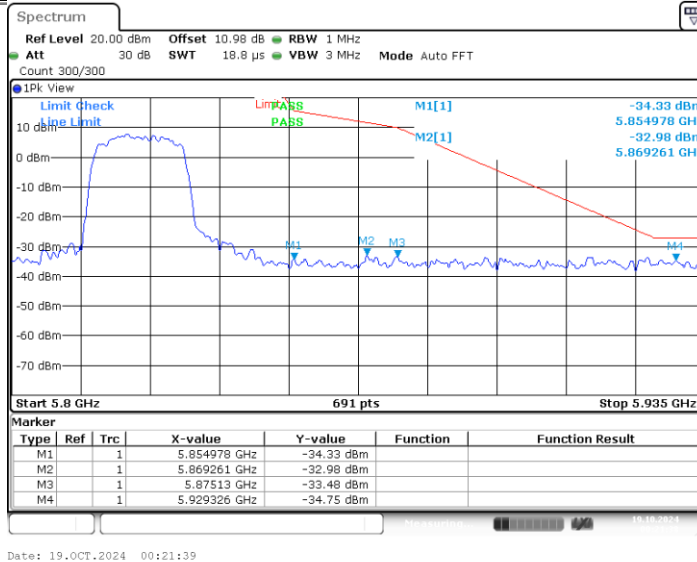
11N20MIMO Ant1 Low 5745



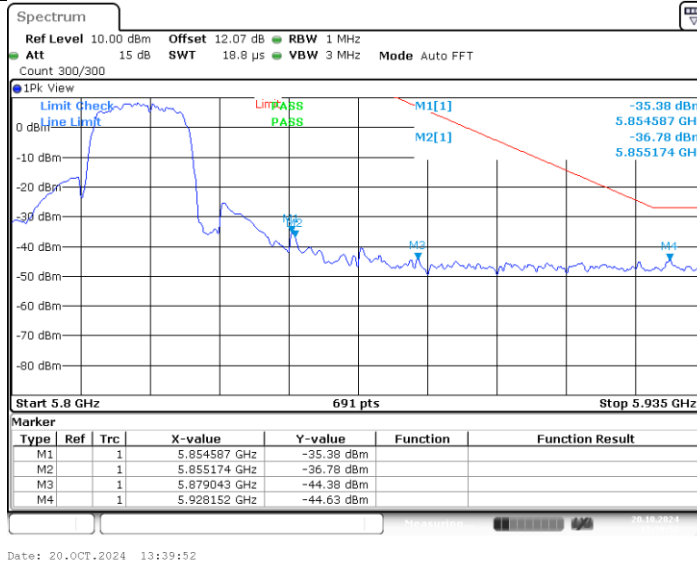
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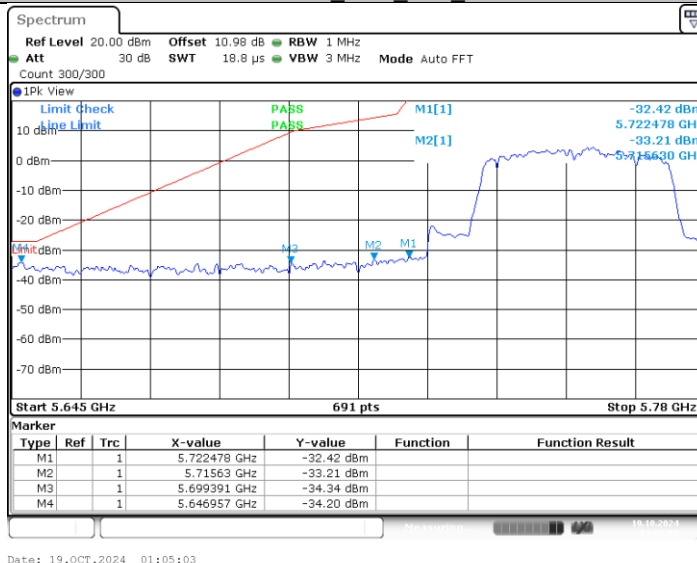
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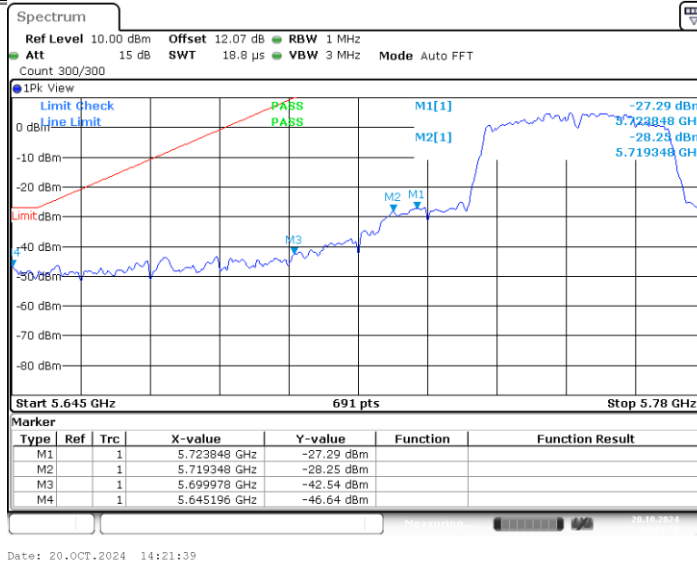
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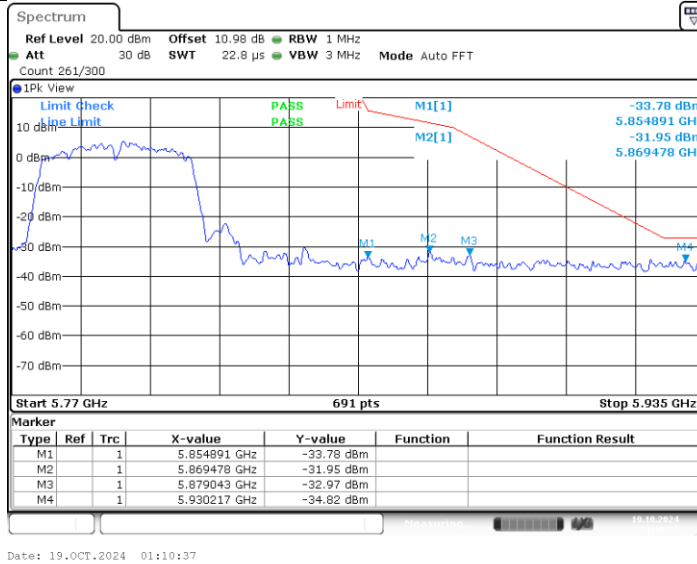
11N40MIMO_Ant1_Low_5755



11N40MIMO_Ant2_Low_5755



11N40MIMO_Ant1_High_5795



11N40MIMO_Ant2_High_5795



11AC20MIMO_Ant1_Low_5745