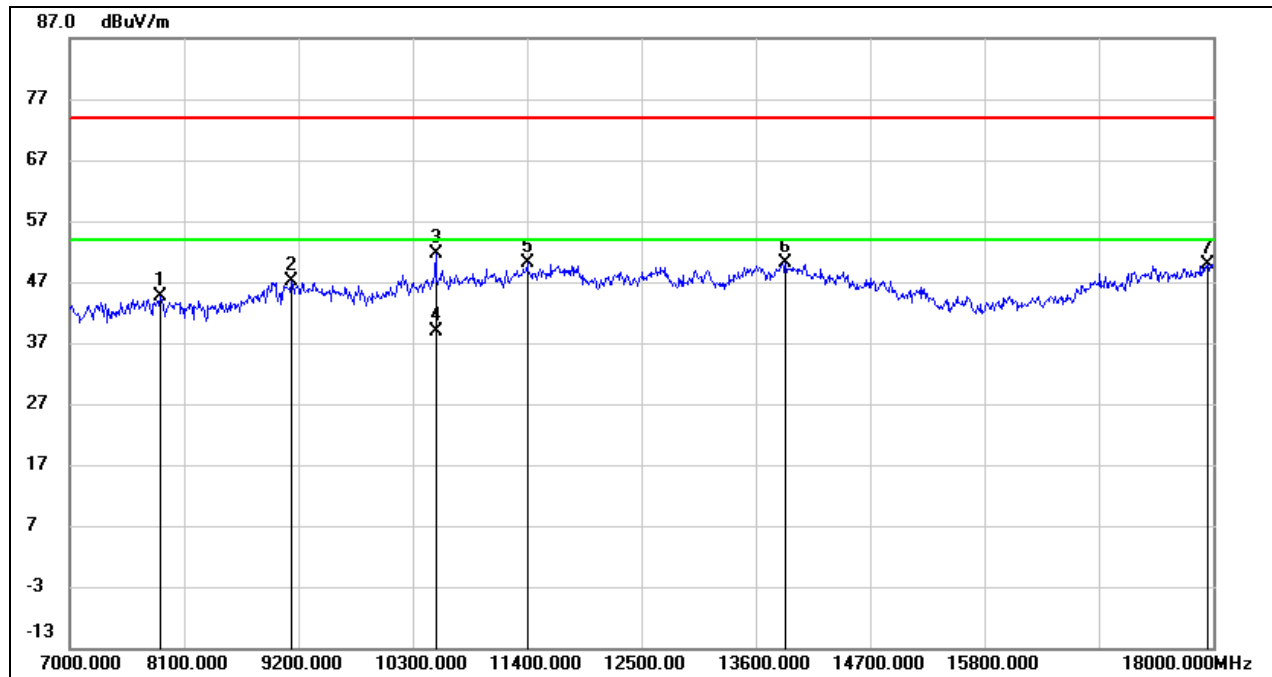
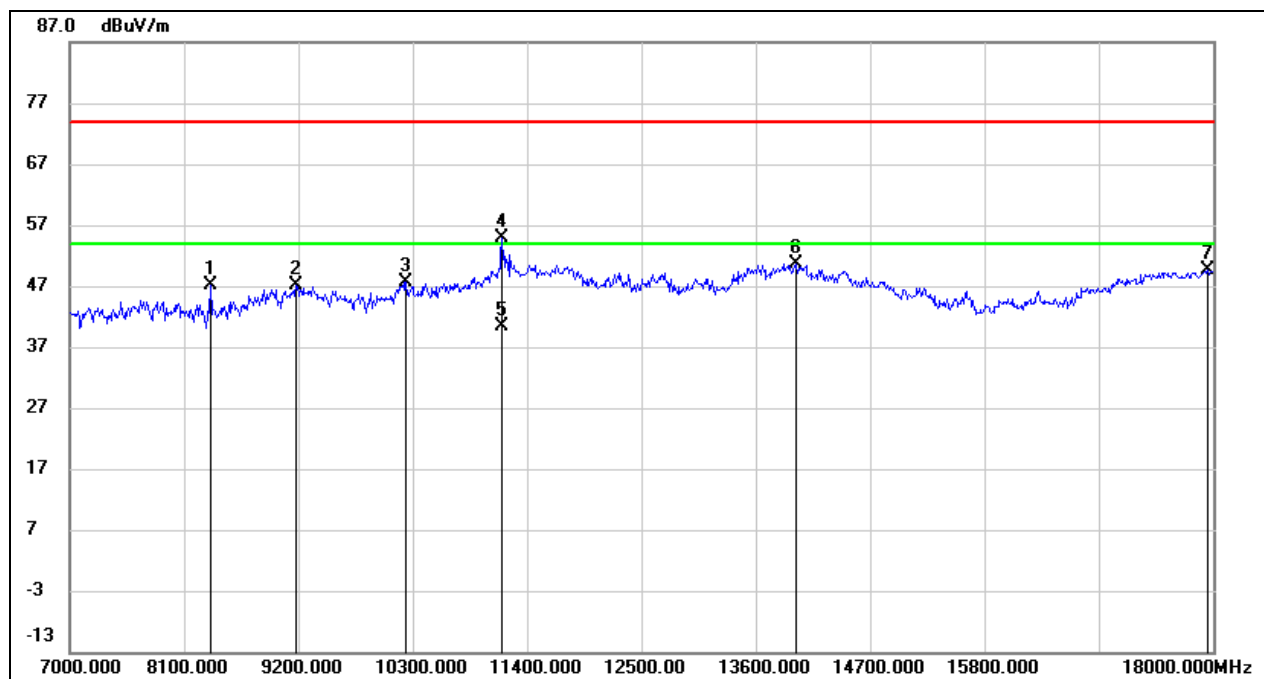


Test Mode:	802.11ax HE160	Channel:	5250 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



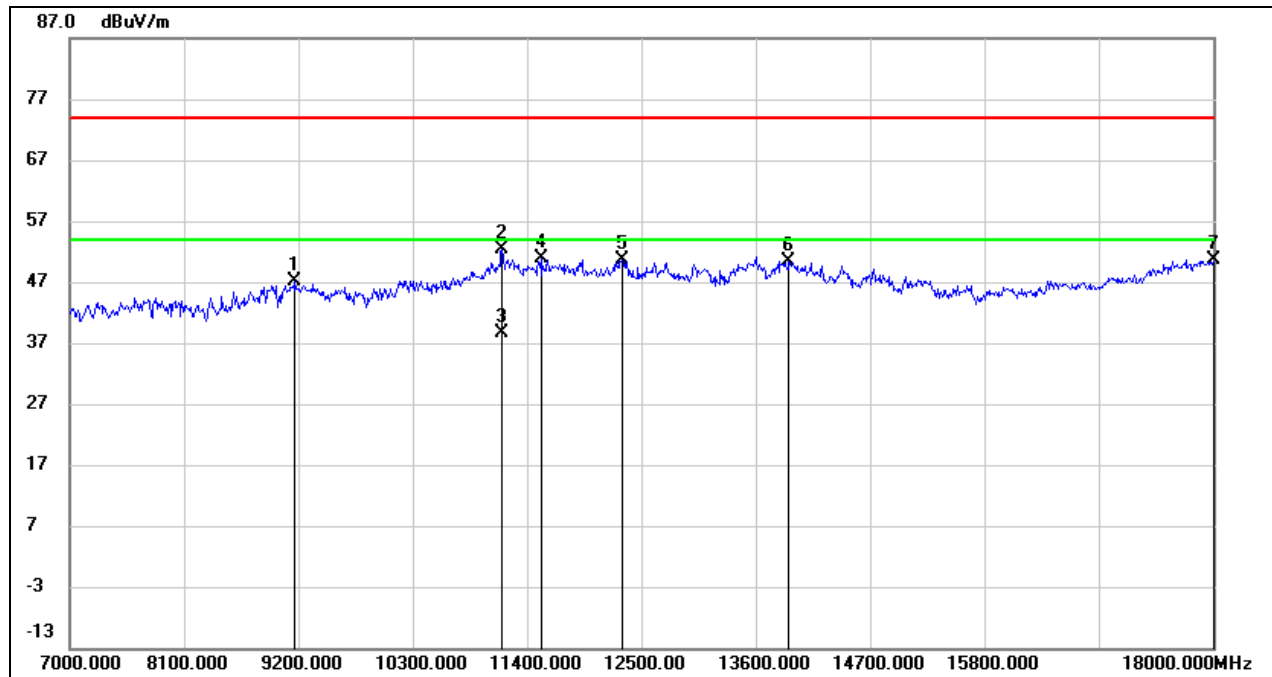
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7869.000	38.05	6.54	44.59	74.00	-29.41	peak
2	9134.000	36.68	10.41	47.09	74.00	-26.91	peak
3	10520.000	38.78	12.90	51.68	74.00	-22.32	peak
4	10520.000	25.86	12.90	38.76	54.00	-15.24	AVG
5	11400.000	33.70	16.36	50.06	74.00	-23.94	peak
6	13886.000	28.47	21.60	50.07	74.00	-23.93	peak
7	17945.000	24.09	25.75	49.84	74.00	-24.16	peak

Test Mode:	802.11ax HE160	Channel:	5570 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8353.000	40.34	6.76	47.10	74.00	-26.90	peak
2	9178.000	36.72	10.45	47.17	74.00	-26.83	peak
3	10234.000	35.47	12.26	47.73	74.00	-26.27	peak
4	11158.000	39.42	15.37	54.79	74.00	-19.21	peak
5	11158.000	24.96	15.37	40.33	54.00	-13.67	AVG
6	13985.000	28.70	21.85	50.55	74.00	-23.45	peak
7	17945.000	23.91	25.75	49.66	74.00	-24.34	peak

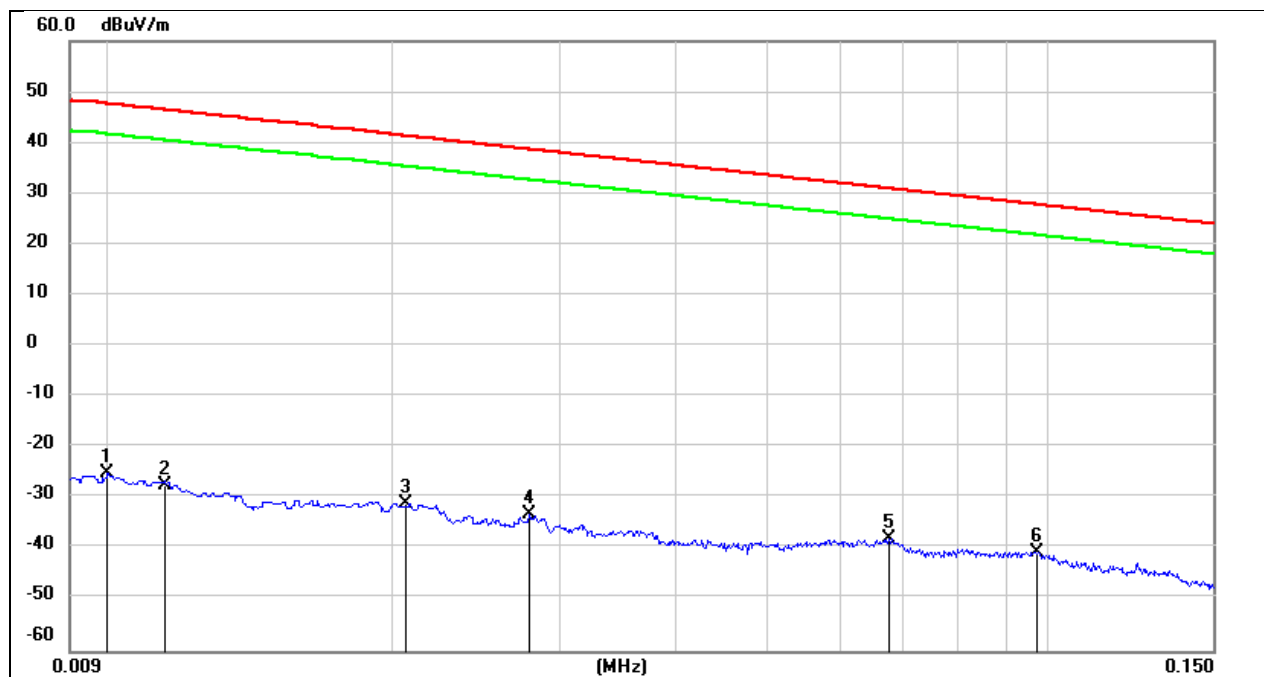
Test Mode:	802.11ax HE160	Channel:	5570 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9167.000	36.74	10.45	47.19	74.00	-26.81	peak
2	11158.000	37.07	15.37	52.44	74.00	-21.56	peak
3	11158.000	23.24	15.37	38.61	54.00	-15.39	AVG
4	11532.000	33.96	16.83	50.79	74.00	-23.21	peak
5	12313.000	32.89	17.78	50.67	74.00	-23.33	peak
6	13919.000	28.78	21.68	50.46	74.00	-23.54	peak
7	18000.000	24.62	26.12	50.74	74.00	-23.26	peak

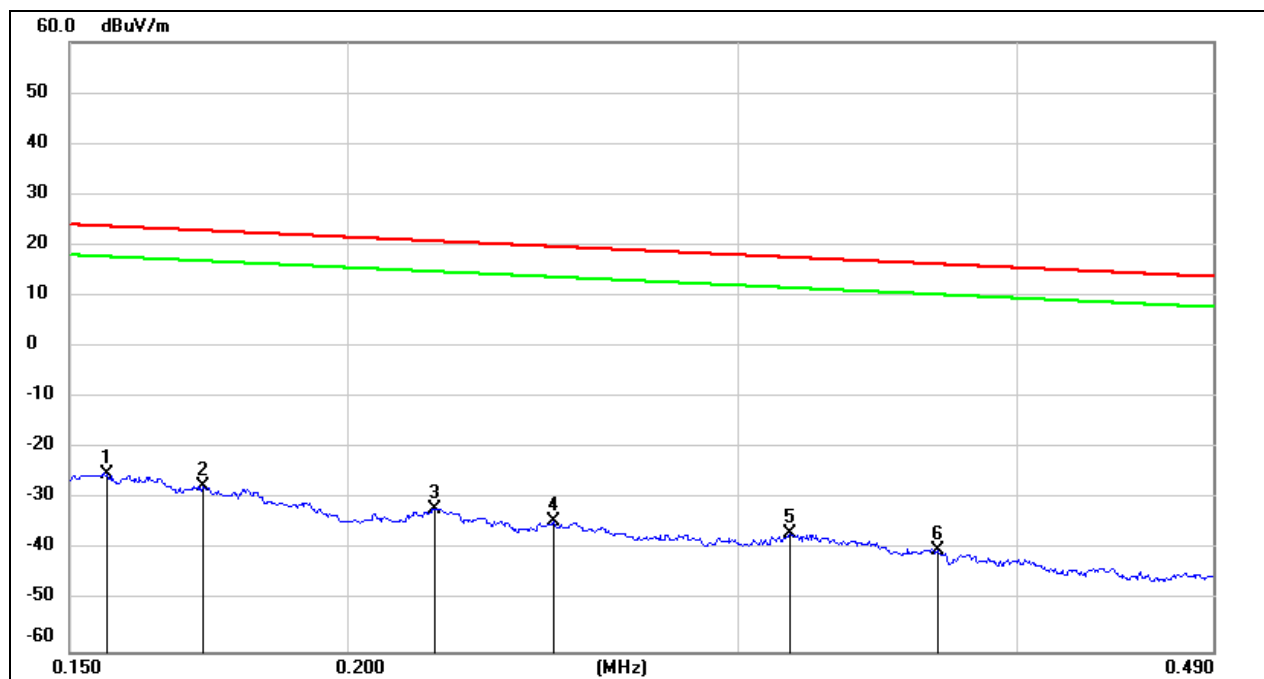
8.4. SPURIOUS EMISSIONS (9 KHZ ~ 30 MHZ)

Test Mode:	802.11ac VHT80	Channel:	5775 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



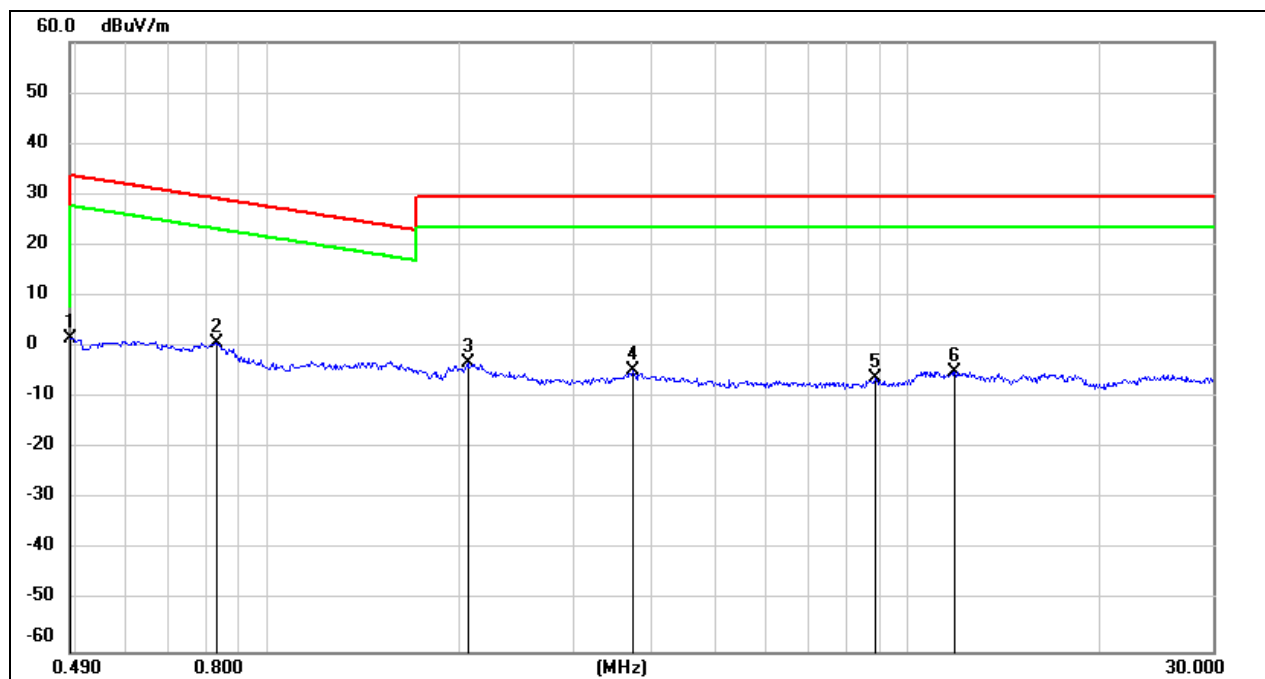
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Result (dBuA/m)	Limit (dBuV/m)	Limit (dBuA/m)	Margin (dB)	Remark
1	0.01	76.22	-101.4	-25.18	-76.68	47.6	-3.90	-72.78	peak
2	0.0114	73.95	-101.4	-27.45	-78.95	46.46	-5.04	-73.91	peak
3	0.0206	70.42	-101.35	-30.93	-82.43	41.32	-10.18	-72.25	peak
4	0.0279	68.17	-101.38	-33.21	-84.71	38.69	-12.81	-71.90	peak
5	0.0675	63.64	-101.56	-37.92	-89.42	31.02	-20.48	-68.94	peak
6	0.0974	61.27	-101.78	-40.51	-92.01	27.83	-23.67	-68.34	peak

Test Mode:	802.11ac VHT80	Channel:	5775 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Result (dBuA/m)	Limit (dBuV/m)	Limit (dBuA/m)	Margin (dB)	Remark
1	0.1559	76.65	-101.65	-25	-76.50	23.74	-27.76	-48.74	peak
2	0.172	74.19	-101.67	-27.48	-78.98	22.9	-28.60	-50.38	peak
3	0.219	69.77	-101.75	-31.98	-83.48	20.79	-30.71	-52.77	peak
4	0.2474	67.44	-101.8	-34.36	-85.86	19.73	-31.77	-54.09	peak
5	0.3163	65.2	-101.87	-36.67	-88.17	17.6	-33.90	-54.27	peak
6	0.3684	61.98	-101.93	-39.95	-91.45	16.27	-35.23	-56.22	peak

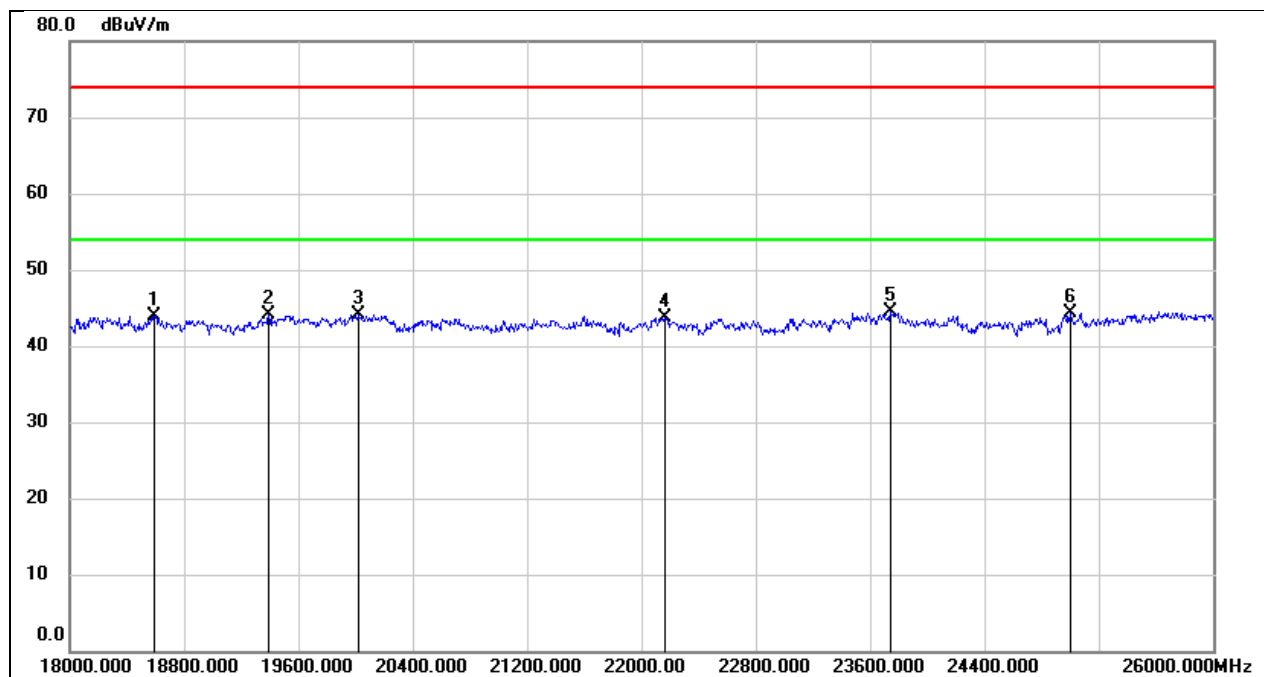
Test Mode:	802.11ac VHT80	Channel:	5775 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Result (dBuA/m)	Limit (dBuV/m)	Limit (dBuA/m)	Margin (dB)	Remark
1	0.49	63.72	-62.06	1.66	-49.84	13.8	-37.70	-12.14	peak
2	0.8296	62.94	-62.17	0.77	-50.73	29.23	-22.27	-28.46	peak
3	2.0539	58.7	-61.81	-3.11	-54.61	29.54	-21.96	-32.65	peak
4	3.71	56.7	-61.41	-4.71	-56.21	29.54	-21.96	-34.25	peak
5	8.9001	54.91	-60.95	-6.04	-57.54	29.54	-21.96	-35.58	peak
6	11.8513	56.06	-60.88	-4.82	-56.32	29.54	-21.96	-34.36	peak

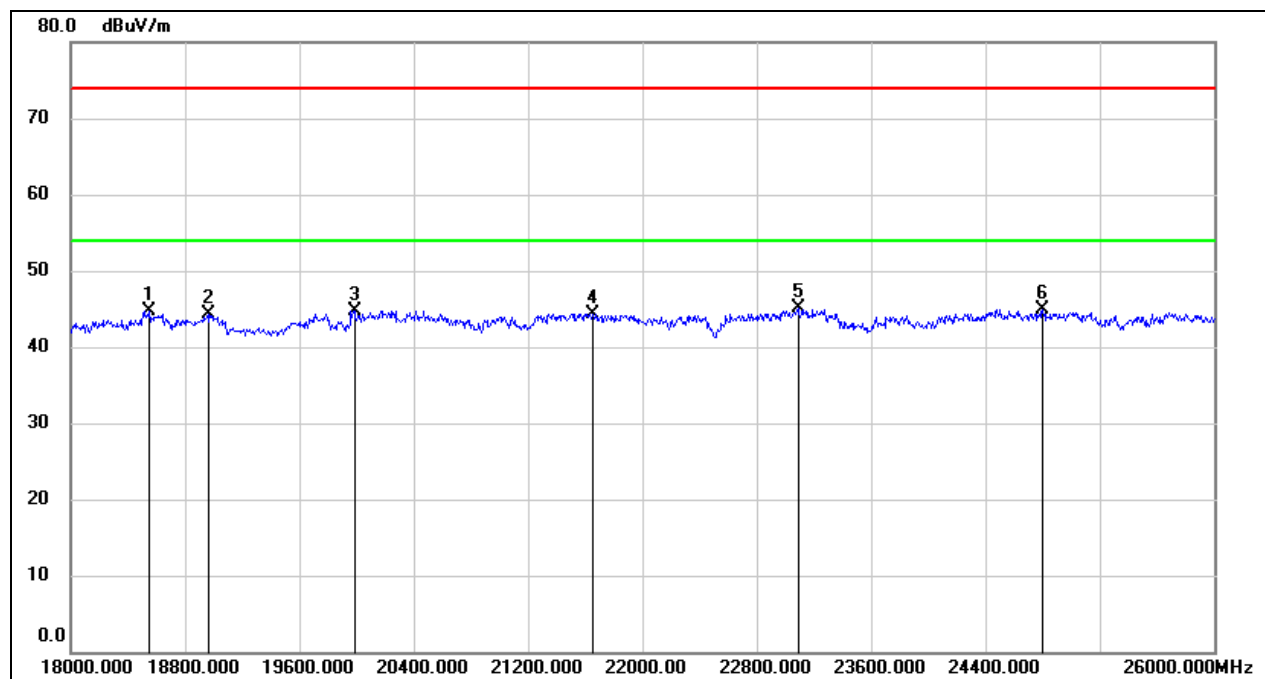
8.5. SPURIOUS EMISSIONS (18 GHZ ~ 26 GHZ)

Test Mode:	802.11ac VHT80	Channel:	5775 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18592.000	49.25	-5.31	43.94	74.00	-30.06	peak
2	19392.000	49.62	-5.57	44.05	74.00	-29.95	peak
3	20016.000	49.56	-5.47	44.09	74.00	-29.91	peak
4	22160.000	48.08	-4.31	43.77	74.00	-30.23	peak
5	23744.000	47.65	-3.20	44.45	74.00	-29.55	peak
6	25000.000	46.36	-2.10	44.26	74.00	-29.74	peak

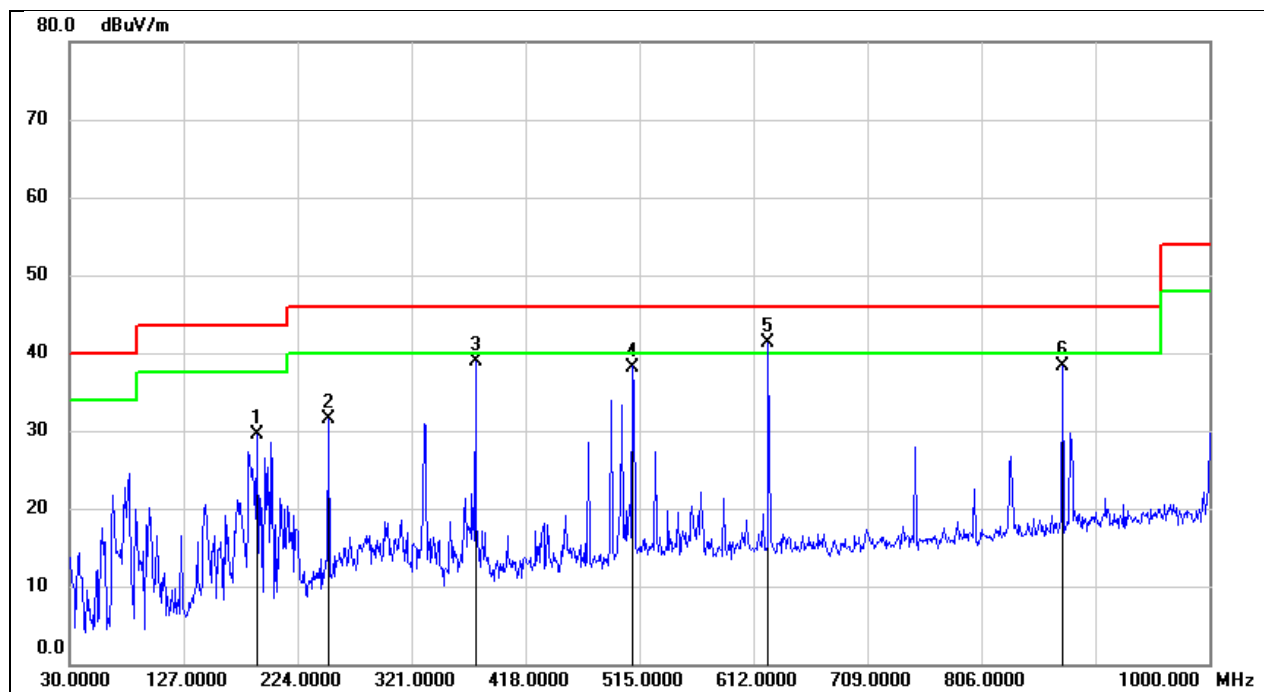
Test Mode:	802.11ac VHT80	Channel:	5775 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18552.000	50.04	-5.28	44.76	74.00	-29.24	peak
2	18960.000	49.51	-5.25	44.26	74.00	-29.74	peak
3	19984.000	50.21	-5.44	44.77	74.00	-29.23	peak
4	21656.000	48.84	-4.46	44.38	74.00	-29.62	peak
5	23088.000	48.52	-3.41	45.11	74.00	-28.89	peak
6	24800.000	47.12	-2.28	44.84	74.00	-29.16	peak

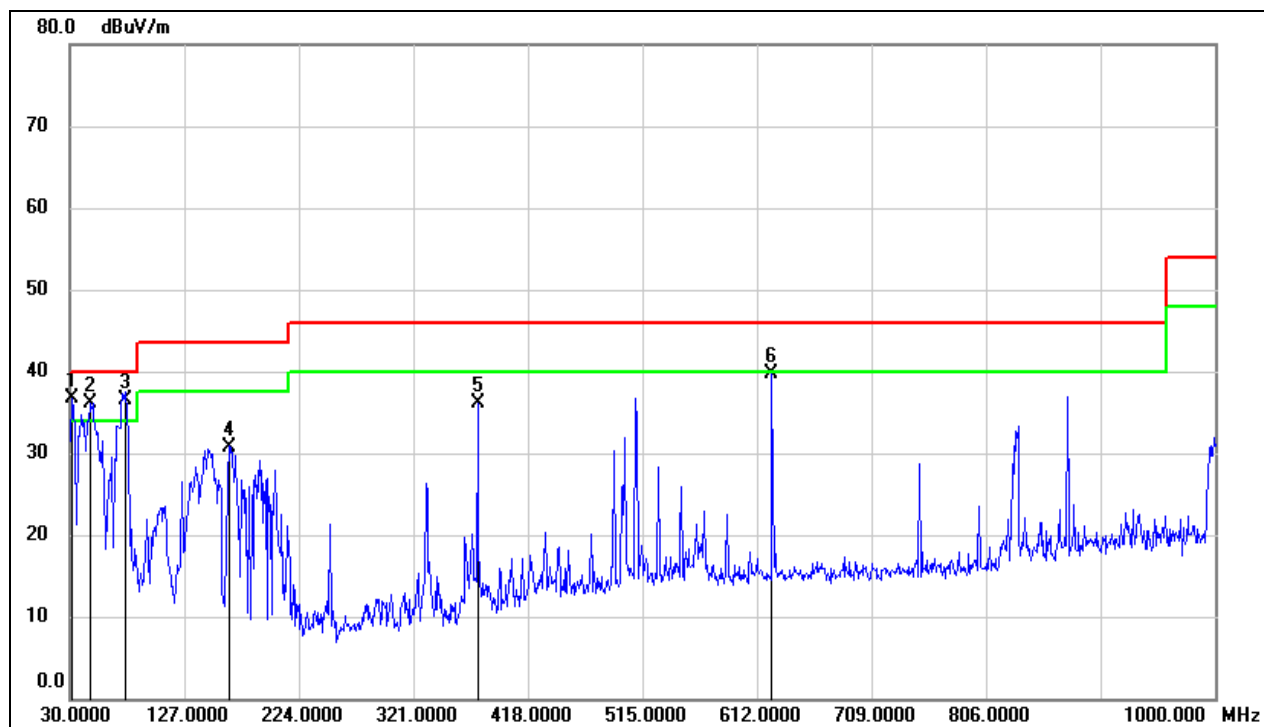
8.6. SPURIOUS EMISSIONS (30 MHz ~ 1 GHz)

Test Mode:	802.11ac VHT80	Channel:	5775 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	190.0500	46.14	-16.60	29.54	43.50	-13.96	QP
2	250.1900	50.50	-18.91	31.59	46.00	-14.41	QP
3	375.3200	52.61	-13.79	38.82	46.00	-7.18	QP
4	509.1800	49.46	-11.26	38.20	46.00	-7.80	QP
5	624.6100	50.60	-9.31	41.29	46.00	-4.71	QP
6	874.8700	44.04	-5.64	38.40	46.00	-7.60	QP

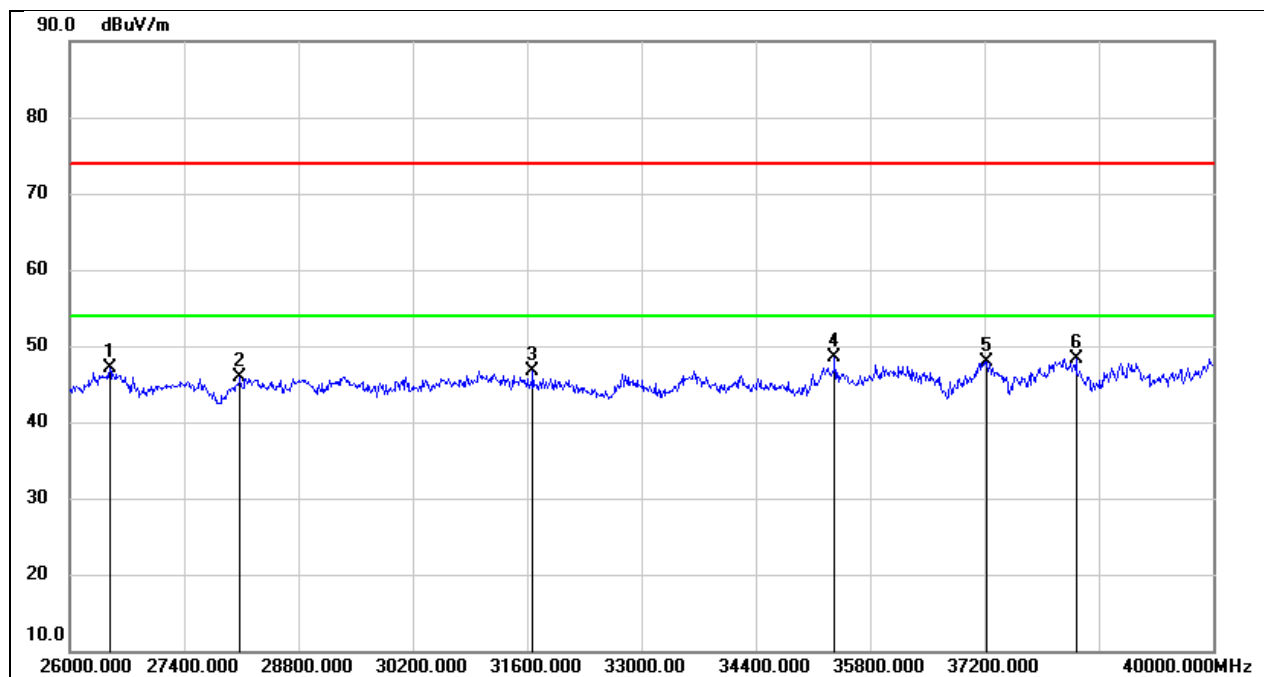
Test Mode:	802.11ac VHT80	Channel:	5775 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	31.9400	55.74	-19.13	36.61	40.00	-3.39	QP
2	47.4600	56.68	-20.55	36.13	40.00	-3.87	QP
3	76.5600	57.54	-21.07	36.47	40.00	-3.53	QP
4	164.8300	48.35	-17.55	30.80	43.50	-12.70	QP
5	375.3200	49.91	-13.79	36.12	46.00	-9.88	QP
6	624.6100	49.10	-9.31	39.79	46.00	-6.21	QP

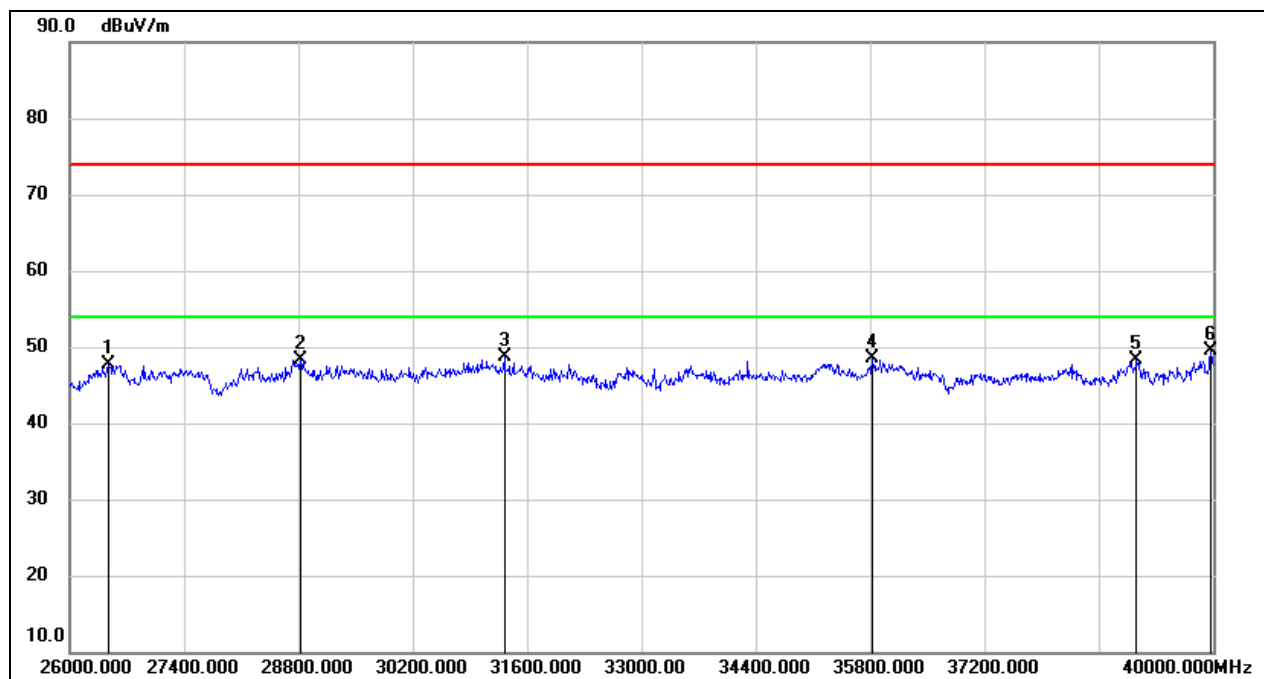
8.7. SPURIOUS EMISSIONS (26 GHZ ~ 40 GHZ)

Test Mode:	802.11ac VHT80	Channel:	5775 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	26490.000	51.79	-4.74	47.05	74.00	-26.95	peak
2	28086.000	49.41	-3.49	45.92	74.00	-28.08	peak
3	31670.000	47.86	-1.21	46.65	74.00	-27.35	peak
4	35366.000	45.90	2.59	48.49	74.00	-25.51	peak
5	37228.000	44.73	3.14	47.87	74.00	-26.13	peak
6	38320.000	44.56	3.77	48.33	74.00	-25.67	peak

Test Mode:	802.11ac VHT80	Channel:	5775 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	26476.000	52.53	-4.78	47.75	74.00	-26.25	peak
2	28828.000	49.13	-0.79	48.34	74.00	-25.66	peak
3	31320.000	49.61	-0.93	48.68	74.00	-25.32	peak
4	35828.000	44.75	3.67	48.42	74.00	-25.58	peak
5	39062.000	43.98	4.30	48.28	74.00	-25.72	peak
6	39972.000	44.45	5.13	49.58	74.00	-24.42	peak

9. AC POWER LINE CONDUCTED EMISSION

LIMITS

Please refer to CFR 47 FCC §15.207 (a) and ISED RSS-Gen Clause 8.8

FREQUENCY (MHz)	Quasi-peak	Average
0.15 -0.5	66 - 56 *	56 - 46 *
0.50 -5.0	56.00	46.00
5.0 -30.0	60.00	50.00

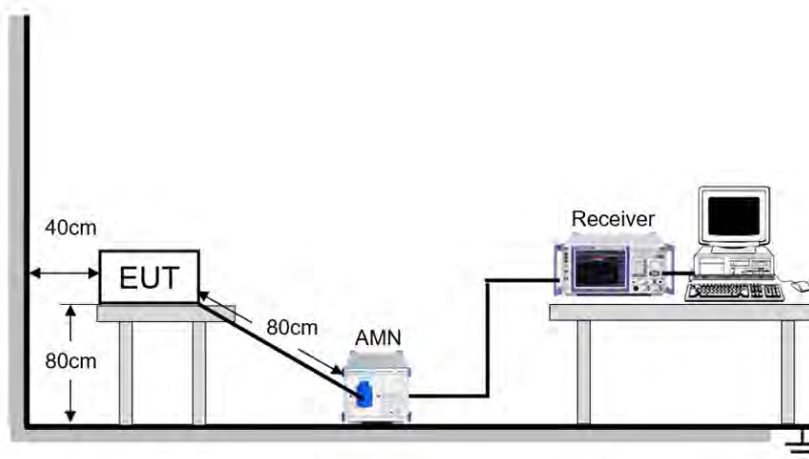
TEST PROCEDURE

Refer to ANSI C63.10-2013 clause 6.2.

The EUT is put on a table of non-conducting material that is 80 cm high. The vertical conducting wall of shielding is located 40 cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through a Artificial Mains Network (A.M.N.). A EMI Measurement Receiver (R&S Test Receiver ESR3) is used to test the emissions from both sides of AC line. According to the requirements in Section 6.2 of ANSI C63.10-2013. Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30 MHz using CISPR Quasi-Peak and average detector mode. The bandwidth of EMI test receiver is set at 9 kHz.

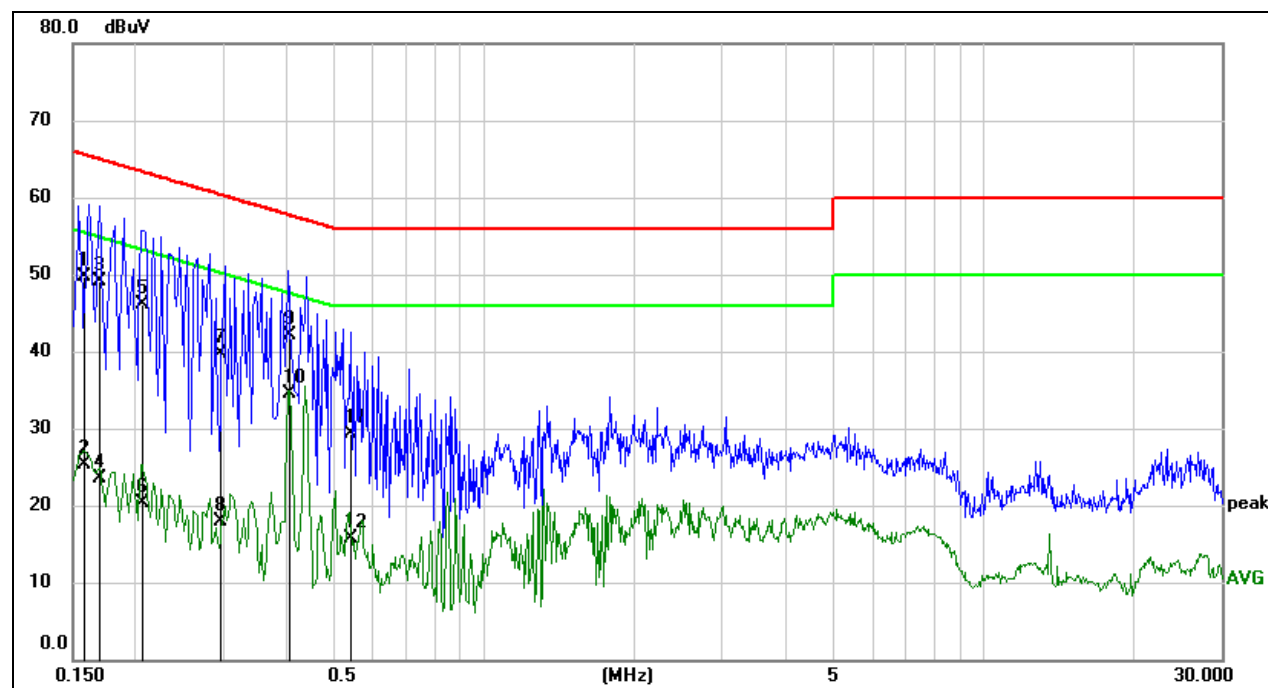
The arrangement of the equipment is installed to meet the standards and operating in a manner, which tends to maximize its emission characteristics in a normal application.

TEST SETUP



TEST RESULTS

Test Mode:	802.11ac VHT80	Channel:	5775 MHz
Line:	L1	Test Voltage	AC 120 V, 60 Hz

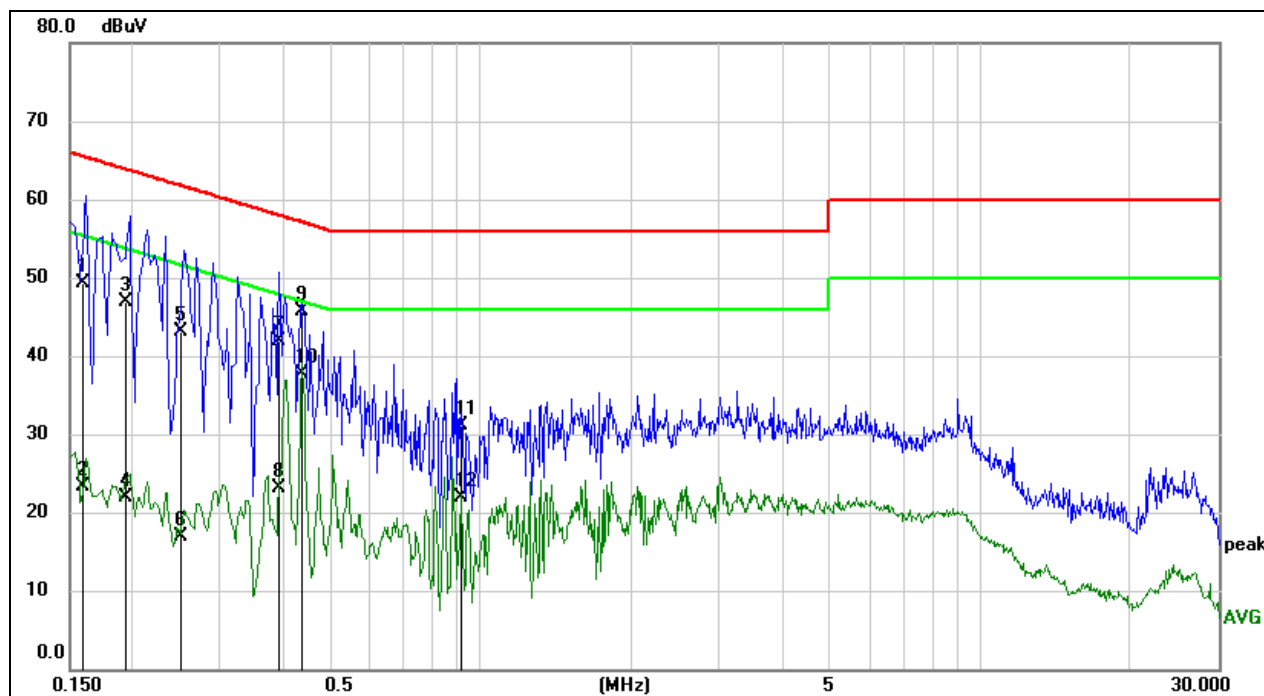


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1581	40.07	9.59	49.66	65.56	-15.90	QP
2	0.1581	15.71	9.59	25.30	55.56	-30.26	AVG
3	0.1695	39.59	9.59	49.18	64.98	-15.80	QP
4	0.1695	13.87	9.59	23.46	54.98	-31.52	AVG
5	0.2066	36.55	9.59	46.14	63.34	-17.20	QP
6	0.2066	10.79	9.59	20.38	53.34	-32.96	AVG
7	0.2976	30.18	9.59	39.77	60.31	-20.54	QP
8	0.2976	8.41	9.59	18.00	50.31	-32.31	AVG
9	0.4076	32.45	9.60	42.05	57.70	-15.65	QP
10	0.4076	24.87	9.60	34.47	47.70	-13.23	AVG
11	0.5435	19.80	9.60	29.40	56.00	-26.60	QP
12	0.5435	6.17	9.60	15.77	46.00	-30.23	AVG

Note:

1. Result = Reading + Correct Factor.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz ~ 150 kHz), 9 kHz (150 kHz ~ 30 MHz).
4. Step size: 80 Hz (0.009 MHz ~ 0.15 MHz), 4 kHz (0.15 MHz ~ 30 MHz), Scan time: auto.

Test Mode:	802.11ac VHT80	Channel:	5775 MHz
Line:	N	Test Voltage	AC 120 V, 60 Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1589	39.72	9.59	49.31	65.52	-16.21	QP
2	0.1589	13.63	9.59	23.22	55.52	-32.30	AVG
3	0.1941	37.23	9.59	46.82	63.86	-17.04	QP
4	0.1941	12.33	9.59	21.92	53.86	-31.94	AVG
5	0.2503	33.52	9.59	43.11	61.75	-18.64	QP
6	0.2503	7.38	9.59	16.97	51.75	-34.78	AVG
7	0.3936	32.22	9.59	41.81	57.99	-16.18	QP
8	0.3936	13.43	9.59	23.02	47.99	-24.97	AVG
9	0.4378	36.16	9.60	45.76	57.10	-11.34	QP
10	0.4378	28.19	9.60	37.79	47.10	-9.31	AVG
11	0.9137	21.52	9.61	31.13	56.00	-24.87	QP
12	0.9137	12.23	9.61	21.84	46.00	-24.16	AVG

Note:

1. Result = Reading + Correct Factor.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz ~ 150 kHz), 9 kHz (150 kHz ~ 30 MHz).
4. Step size: 80 Hz (0.009 MHz ~ 0.15 MHz), 4 kHz (0.15 MHz ~ 30 MHz), Scan time: auto.

Note: All the modes have been tested, only the worst data was recorded in the report.

10. ANTENNA REQUIREMENT

REQUIREMENT

Please refer to FCC part 15.203

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

Please refer to FCC §15.407(a)(1)(2)(3)

If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

DESCRIPTION

Pass

11. TEST DATA

A) APPENDIX A1: EMISSION BANDWIDTH

11.1.1. Test Result

Test Mode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Verdict
11A	Ant1	5180	22.32	5169.24	5191.56	PASS
	Ant2	5180	22.56	5168.96	5191.52	PASS
	Ant3	5180	21.44	5169.24	5190.68	PASS
	Ant4	5180	21.72	5169.12	5190.84	PASS
	Ant1	5200	21.12	5189.28	5210.40	PASS
	Ant2	5200	21.28	5189.24	5210.52	PASS
	Ant3	5200	21.08	5189.36	5210.44	PASS
	Ant4	5200	21.12	5189.36	5210.48	PASS
	Ant1	5240	21.40	5229.16	5250.56	PASS
	Ant2	5240	21.24	5229.28	5250.52	PASS
	Ant3	5240	21.24	5229.32	5250.56	PASS
	Ant4	5240	21.28	5229.24	5250.52	PASS
	Ant1	5260	21.32	5249.28	5270.60	PASS
	Ant2	5260	21.24	5249.32	5270.56	PASS
	Ant3	5260	21.00	5249.44	5270.44	PASS
	Ant4	5260	21.20	5249.32	5270.52	PASS
	Ant1	5280	21.28	5269.28	5290.56	PASS
	Ant2	5280	21.20	5269.40	5290.60	PASS
	Ant3	5280	21.16	5269.36	5290.52	PASS
	Ant4	5280	21.12	5269.40	5290.52	PASS
	Ant1	5320	22.36	5309.16	5331.52	PASS
	Ant2	5320	21.88	5308.88	5330.76	PASS
	Ant3	5320	21.52	5309.20	5330.72	PASS
	Ant4	5320	21.76	5308.96	5330.72	PASS
	Ant1	5500	21.64	5489.20	5510.84	PASS
	Ant2	5500	21.92	5488.88	5510.80	PASS
	Ant3	5500	21.68	5489.16	5510.84	PASS
	Ant4	5500	21.48	5489.16	5510.64	PASS
	Ant1	5580	21.24	5569.28	5590.52	PASS
	Ant2	5580	21.28	5569.20	5590.48	PASS
	Ant3	5580	21.28	5569.28	5590.56	PASS
	Ant4	5580	20.96	5569.32	5590.28	PASS
	Ant1	5700	21.48	5689.24	5710.72	PASS
	Ant2	5700	21.16	5689.32	5710.48	PASS
	Ant3	5700	21.20	5689.40	5710.60	PASS
	Ant4	5700	21.04	5689.40	5710.44	PASS
	Ant1	5720	21.32	5709.16	5730.48	PASS
	Ant2	5720	21.20	5709.28	5730.48	PASS
	Ant3	5720	21.16	5709.44	5730.60	PASS
	Ant4	5720	21.04	5709.36	5730.40	PASS
	Ant1	5720 UNII-2C	15.84	5709.16	5725	PASS
	Ant2	5720 UNII-2C	15.72	5709.28	5725	PASS
	Ant3	5720 UNII-2C	15.56	5709.44	5725	PASS
	Ant4	5720 UNII-2C	15.64	5709.36	5725	PASS
	Ant1	5720 UNII-3	5.48	5725	5730.48	PASS
	Ant2	5720 UNII-3	5.48	5725	5730.48	PASS
	Ant3	5720 UNII-3	5.6	5725	5730.60	PASS
	Ant4	5720 UNII-3	5.4	5725	5730.40	PASS
	Ant1	5745	21.36	5734.24	5755.60	PASS
	Ant2	5745	21.68	5734.08	5755.76	PASS
	Ant3	5745	21.84	5733.96	5755.80	PASS
	Ant4	5745	21.72	5733.92	5755.64	PASS
	Ant1	5785	21.36	5774.16	5795.52	PASS

	Ant2	5785	22.56	5774.00	5796.56	PASS
	Ant3	5785	21.56	5774.08	5795.64	PASS
	Ant4	5785	21.76	5773.96	5795.72	PASS
	Ant1	5825	21.08	5814.36	5835.44	PASS
	Ant2	5825	21.52	5814.12	5835.64	PASS
	Ant3	5825	21.20	5814.40	5835.60	PASS
	Ant4	5825	21.80	5813.60	5835.40	PASS
11N20	Ant1	5180	23.24	5168.04	5191.28	PASS
	Ant2	5180	23.96	5167.28	5191.24	PASS
	Ant3	5180	22.52	5168.52	5191.04	PASS
	Ant4	5180	22.32	5168.88	5191.20	PASS
	Ant1	5200	21.36	5189.24	5210.60	PASS
	Ant2	5200	21.36	5189.20	5210.56	PASS
	Ant3	5200	21.08	5189.40	5210.48	PASS
	Ant4	5200	21.28	5189.28	5210.56	PASS
	Ant1	5240	21.32	5229.28	5250.60	PASS
	Ant2	5240	21.24	5229.28	5250.52	PASS
	Ant3	5240	21.40	5229.32	5250.72	PASS
	Ant4	5240	21.28	5229.28	5250.56	PASS
	Ant1	5260	21.52	5249.24	5270.76	PASS
	Ant2	5260	21.20	5249.32	5270.52	PASS
	Ant3	5260	21.28	5249.24	5270.52	PASS
	Ant4	5260	21.24	5249.32	5270.56	PASS
	Ant1	5280	21.44	5269.24	5290.68	PASS
	Ant2	5280	21.40	5269.16	5290.56	PASS
	Ant3	5280	21.36	5269.24	5290.60	PASS
	Ant4	5280	21.28	5269.36	5290.64	PASS
	Ant1	5320	22.24	5308.68	5330.92	PASS
	Ant2	5320	22.72	5308.52	5331.24	PASS
	Ant3	5320	22.28	5308.88	5331.16	PASS
	Ant4	5320	22.88	5308.56	5331.44	PASS
	Ant1	5500	22.28	5488.64	5510.92	PASS
	Ant2	5500	22.32	5488.56	5510.88	PASS
	Ant3	5500	22.08	5488.88	5510.96	PASS
	Ant4	5500	23.44	5487.92	5511.36	PASS
	Ant1	5580	21.44	5569.20	5590.64	PASS
	Ant2	5580	21.24	5569.16	5590.40	PASS
	Ant3	5580	21.32	5569.28	5590.60	PASS
	Ant4	5580	21.32	5569.28	5590.60	PASS
	Ant1	5700	21.28	5689.24	5710.52	PASS
	Ant2	5700	21.12	5689.40	5710.52	PASS
	Ant3	5700	21.44	5689.28	5710.72	PASS
	Ant4	5700	21.20	5689.36	5710.56	PASS
	Ant1	5720	21.36	5709.16	5730.52	PASS
	Ant2	5720	21.20	5709.32	5730.52	PASS
	Ant3	5720	21.24	5709.32	5730.56	PASS
	Ant4	5720	21.36	5709.28	5730.64	PASS
	Ant1	5720 UNII-2C	15.84	5709.16	5725	PASS
	Ant2	5720 UNII-2C	15.68	5709.32	5725	PASS
	Ant3	5720 UNII-2C	15.68	5709.32	5725	PASS
	Ant4	5720 UNII-2C	15.72	5709.28	5725	PASS
	Ant1	5720 UNII-3	5.52	5725	5730.52	PASS
	Ant2	5720 UNII-3	5.52	5725	5730.52	PASS
	Ant3	5720 UNII-3	5.56	5725	5730.56	PASS
	Ant4	5720 UNII-3	5.64	5725	5730.64	PASS
	Ant1	5745	21.96	5733.88	5755.84	PASS
	Ant2	5745	22.40	5733.60	5756.00	PASS
	Ant3	5745	22.12	5733.80	5755.92	PASS
	Ant4	5745	21.96	5734.00	5755.96	PASS
	Ant1	5785	21.44	5774.24	5795.68	PASS
	Ant2	5785	21.36	5774.20	5795.56	PASS

	Ant3	5785	21.24	5774.24	5795.48	PASS
	Ant4	5785	21.24	5774.24	5795.48	PASS
	Ant1	5825	21.44	5814.24	5835.68	PASS
	Ant2	5825	21.28	5814.24	5835.52	PASS
	Ant3	5825	21.24	5814.28	5835.52	PASS
	Ant4	5825	21.32	5814.16	5835.48	PASS

Test Mode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Verdict
11N40	Ant1	5190	57.20	5161.20	5218.40	PASS
	Ant2	5190	44.96	5168.40	5213.36	PASS
	Ant3	5190	48.24	5166.88	5215.12	PASS
	Ant4	5190	43.04	5168.24	5211.28	PASS
	Ant1	5230	40.24	5209.76	5250.00	PASS
	Ant2	5230	39.84	5209.84	5249.68	PASS
	Ant3	5230	39.84	5210.00	5249.84	PASS
	Ant4	5230	40.00	5209.92	5249.92	PASS
	Ant1	5270	40.16	5249.76	5289.92	PASS
	Ant2	5270	39.92	5249.84	5289.76	PASS
	Ant3	5270	39.92	5249.92	5289.84	PASS
	Ant4	5270	40.00	5249.92	5289.92	PASS
	Ant1	5310	51.68	5283.76	5335.44	PASS
	Ant2	5310	42.24	5288.80	5331.04	PASS
	Ant3	5310	50.48	5287.04	5337.52	PASS
	Ant4	5310	47.92	5287.20	5335.12	PASS
	Ant1	5510	54.80	5480.32	5535.12	PASS
	Ant2	5510	43.60	5487.12	5530.72	PASS
	Ant3	5510	45.60	5486.08	5531.68	PASS
	Ant4	5510	50.80	5481.12	5531.92	PASS
	Ant1	5550	40.32	5529.84	5570.16	PASS
	Ant2	5550	39.92	5530.00	5569.92	PASS
	Ant3	5550	40.24	5529.76	5570.00	PASS
	Ant4	5550	39.84	5530.00	5569.84	PASS
	Ant1	5670	40.40	5649.52	5689.92	PASS
	Ant2	5670	39.76	5650.00	5689.76	PASS
	Ant3	5670	39.84	5650.08	5689.92	PASS
	Ant4	5670	40.00	5650.08	5690.08	PASS
	Ant1	5710	40.08	5689.92	5730.00	PASS
	Ant2	5710	39.60	5690.08	5729.68	PASS
	Ant3	5710	39.84	5690.00	5729.84	PASS
	Ant4	5710	40.08	5689.76	5729.84	PASS
	Ant1	5710 UNII-2C	35.08	5689.92	5725	PASS
	Ant2	5710 UNII-2C	34.92	5690.08	5725	PASS
	Ant3	5710 UNII-2C	35	5690.00	5725	PASS
	Ant4	5710 UNII-2C	35.24	5689.76	5725	PASS
	Ant1	5710 UNII-3	5	5725	5730.00	PASS
	Ant2	5710 UNII-3	4.68	5725	5729.68	PASS
	Ant3	5710 UNII-3	4.84	5725	5729.84	PASS
	Ant4	5710 UNII-3	4.84	5725	5729.84	PASS
	Ant1	5755	46.88	5731.48	5778.36	PASS
	Ant2	5755	42.80	5732.84	5775.64	PASS
	Ant3	5755	43.12	5733.16	5776.28	PASS
	Ant4	5755	44.40	5732.36	5776.76	PASS
	Ant1	5795	40.56	5774.44	5815.00	PASS
	Ant2	5795	39.68	5775.08	5814.76	PASS
	Ant3	5795	40.00	5774.84	5814.84	PASS
	Ant4	5795	39.84	5775.00	5814.84	PASS
11AC80	Ant1	5210	87.04	5165.52	5252.56	PASS
	Ant2	5210	85.44	5168.24	5253.68	PASS
	Ant3	5210	84.80	5167.60	5252.40	PASS
	Ant4	5210	88.96	5164.88	5253.84	PASS

	Ant1	5290	106.88	5234.00	5340.88	PASS
	Ant2	5290	95.36	5239.28	5334.64	PASS
	Ant3	5290	107.04	5231.28	5338.32	PASS
	Ant4	5290	91.04	5246.96	5338.00	PASS
	Ant1	5530	104.96	5478.64	5583.60	PASS
	Ant2	5530	97.76	5478.80	5576.56	PASS
	Ant3	5530	99.36	5483.28	5582.64	PASS
	Ant4	5530	92.32	5482.16	5574.48	PASS
	Ant1	5610	83.04	5568.72	5651.76	PASS
	Ant2	5610	82.56	5568.72	5651.28	PASS
	Ant3	5610	81.92	5568.72	5650.64	PASS
	Ant4	5610	82.08	5569.04	5651.12	PASS
	Ant1	5690	82.56	5648.56	5731.12	PASS
	Ant2	5690	82.24	5648.56	5730.80	PASS
	Ant3	5690	82.24	5648.88	5731.12	PASS
	Ant4	5690	82.24	5648.72	5730.96	PASS
	Ant1	5690 UNII-2C	76.44	5648.56	5725	PASS
	Ant2	5690 UNII-2C	76.44	5648.56	5725	PASS
	Ant3	5690 UNII-2C	76.12	5648.88	5725	PASS
	Ant4	5690 UNII-2C	76.28	5648.72	5725	PASS
	Ant1	5690 UNII-3	6.12	5725	5731.12	PASS
	Ant2	5690 UNII-3	5.8	5725	5730.80	PASS
	Ant3	5690 UNII-3	6.12	5725	5731.12	PASS
	Ant4	5690 UNII-3	5.96	5725	5730.96	PASS
	Ant1	5775	91.36	5726.04	5817.40	PASS
	Ant2	5775	89.60	5728.12	5817.72	PASS
	Ant3	5775	86.72	5731.32	5818.04	PASS
	Ant4	5775	88.64	5729.88	5818.52	PASS
11AC160	Ant1	5250	164.80	5167.44	5332.24	PASS
	Ant2	5250	164.48	5167.44	5331.92	PASS
	Ant3	5250	164.16	5167.76	5331.92	PASS
	Ant4	5250	164.48	5168.08	5332.56	PASS
	Ant1	5250 UNII-1	82.56	5167.44	5250	PASS
	Ant2	5250 UNII-1	82.56	5167.44	5250	PASS
	Ant3	5250 UNII-1	82.24	5167.76	5250	PASS
	Ant4	5250 UNII-1	81.92	5168.08	5250	PASS
	Ant1	5250 UNII-2A	82.24	5250	5332.24	PASS
	Ant2	5250 UNII-2A	81.92	5250	5331.92	PASS
	Ant3	5250 UNII-2A	81.92	5250	5331.92	PASS
	Ant4	5250 UNII-2A	82.56	5250	5332.56	PASS
	Ant1	5570	165.44	5487.44	5652.88	PASS
	Ant2	5570	166.08	5486.48	5652.56	PASS
	Ant3	5570	164.48	5487.44	5651.92	PASS
	Ant4	5570	164.48	5487.76	5652.24	PASS
11AX20	Ant1	5180	23.80	5168.32	5192.12	PASS
	Ant2	5180	23.48	5168.56	5192.04	PASS
	Ant3	5180	23.16	5168.84	5192.00	PASS
	Ant4	5180	24.60	5168.12	5192.72	PASS
	Ant1	5200	21.60	5189.16	5210.76	PASS
	Ant2	5200	21.36	5189.20	5210.56	PASS
	Ant3	5200	21.44	5189.24	5210.68	PASS
	Ant4	5200	21.48	5189.20	5210.68	PASS
	Ant1	5240	21.68	5229.16	5250.84	PASS
	Ant2	5240	21.60	5229.08	5250.68	PASS
	Ant3	5240	21.76	5229.08	5250.84	PASS
	Ant4	5240	21.76	5229.12	5250.88	PASS
	Ant1	5260	21.76	5249.00	5270.76	PASS
	Ant2	5260	21.64	5249.12	5270.76	PASS
	Ant3	5260	21.52	5249.20	5270.72	PASS
	Ant4	5260	21.68	5249.20	5270.88	PASS
	Ant1	5280	21.64	5269.16	5290.80	PASS

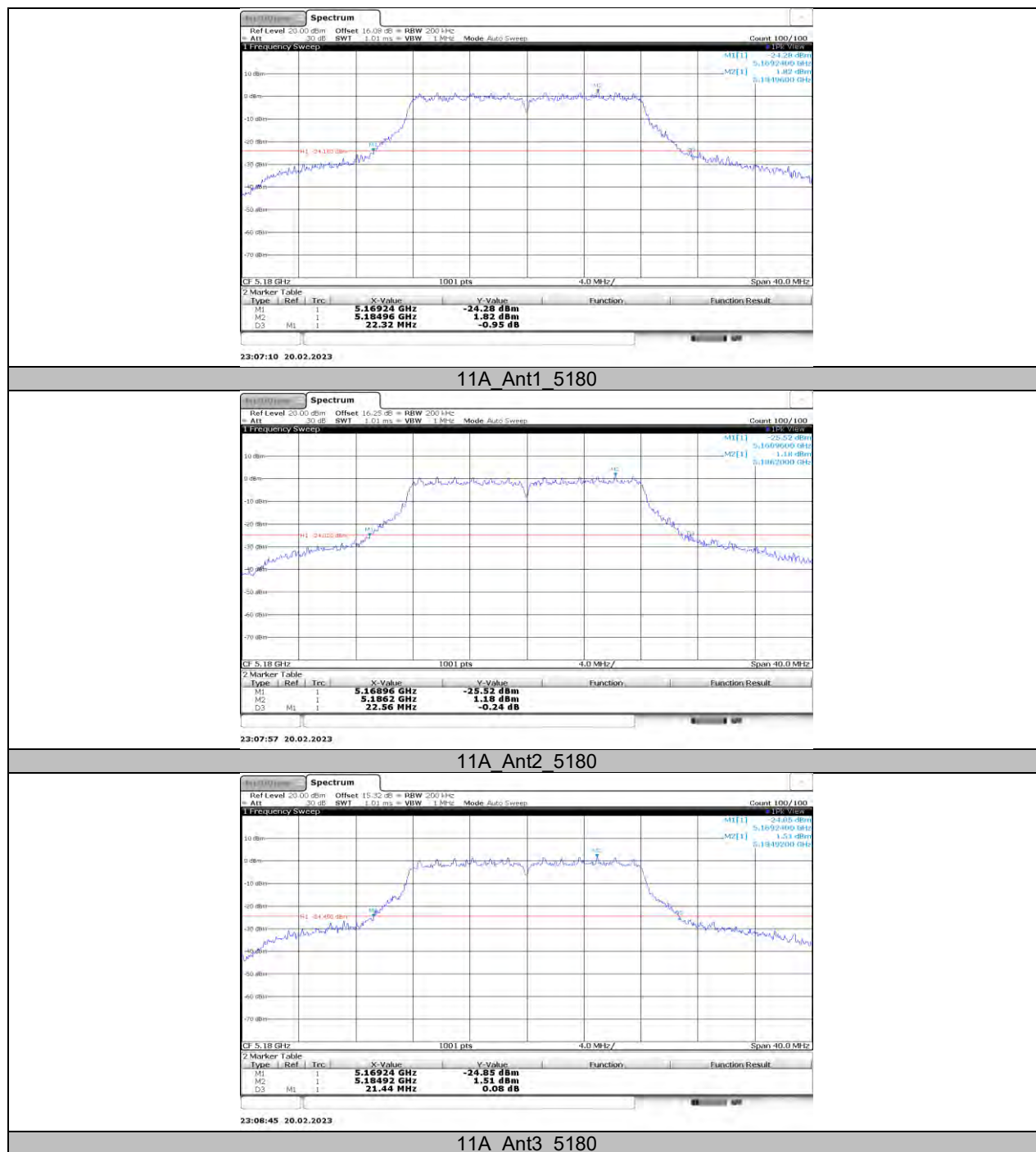
	Ant2	5280	21.60	5269.24	5290.84	PASS
	Ant3	5280	21.60	5269.16	5290.76	PASS
	Ant4	5280	21.56	5269.20	5290.76	PASS
	Ant1	5320	22.72	5309.08	5331.80	PASS
	Ant2	5320	23.96	5308.04	5332.00	PASS
	Ant3	5320	26.00	5307.68	5333.68	PASS
	Ant4	5320	25.72	5306.92	5332.64	PASS
	Ant1	5500	22.92	5488.08	5511.00	PASS
	Ant2	5500	23.48	5487.68	5511.16	PASS
	Ant3	5500	28.04	5483.92	5511.96	PASS
	Ant4	5500	25.36	5486.24	5511.60	PASS
	Ant1	5580	21.64	5569.16	5590.80	PASS
	Ant2	5580	21.44	5569.16	5590.60	PASS
	Ant3	5580	21.56	5569.16	5590.72	PASS
	Ant4	5580	21.44	5569.20	5590.64	PASS
	Ant1	5700	21.52	5689.16	5710.68	PASS
	Ant2	5700	21.48	5689.20	5710.68	PASS
	Ant3	5700	21.32	5689.40	5710.72	PASS
	Ant4	5700	21.48	5689.24	5710.72	PASS
	Ant1	5720 UNII-2C	15.84	5709.16	5725	PASS
	Ant2	5720 UNII-2C	15.88	5709.12	5725	PASS
	Ant3	5720 UNII-2C	15.72	5709.28	5725	PASS
	Ant4	5720 UNII-2C	15.76	5709.24	5725	PASS
	Ant1	5720 UNII-3	5.64	5725	5730.64	PASS
	Ant2	5720 UNII-3	5.68	5725	5730.68	PASS
	Ant3	5720 UNII-3	5.72	5725	5730.72	PASS
	Ant4	5720 UNII-3	5.72	5725	5730.72	PASS
	Ant1	5745	22.96	5732.96	5755.92	PASS
	Ant2	5745	22.60	5733.80	5756.40	PASS
	Ant3	5745	23.96	5732.32	5756.28	PASS
	Ant4	5745	23.80	5733.96	5757.76	PASS
	Ant1	5785	21.56	5774.24	5795.80	PASS
	Ant2	5785	21.52	5774.24	5795.76	PASS
	Ant3	5785	21.44	5774.32	5795.76	PASS
	Ant4	5785	21.56	5774.16	5795.72	PASS
	Ant1	5825	21.60	5814.20	5835.80	PASS
	Ant2	5825	21.40	5814.24	5835.64	PASS
	Ant3	5825	21.44	5814.20	5835.64	PASS
	Ant4	5825	21.60	5814.12	5835.72	PASS
11AX40	Ant1	5190	44.64	5167.12	5211.76	PASS
	Ant2	5190	41.60	5169.44	5211.04	PASS
	Ant3	5190	42.24	5168.88	5211.12	PASS
	Ant4	5190	51.52	5166.72	5218.24	PASS
	Ant1	5230	40.96	5209.52	5250.48	PASS
	Ant2	5230	40.32	5209.84	5250.16	PASS
	Ant3	5230	40.48	5209.76	5250.24	PASS
	Ant4	5230	40.64	5209.76	5250.40	PASS
	Ant1	5270	41.12	5249.28	5290.40	PASS
	Ant2	5270	40.56	5249.68	5290.24	PASS
	Ant3	5270	40.56	5249.60	5290.16	PASS
	Ant4	5270	40.40	5249.68	5290.08	PASS
	Ant1	5310	47.12	5289.28	5336.40	PASS
	Ant2	5310	43.92	5287.84	5331.76	PASS
	Ant3	5310	44.64	5287.04	5331.68	PASS
	Ant4	5310	50.08	5287.84	5337.92	PASS
	Ant1	5510	44.72	5486.16	5530.88	PASS
	Ant2	5510	42.72	5488.08	5530.80	PASS
	Ant3	5510	41.92	5489.28	5531.20	PASS
	Ant4	5510	42.08	5488.96	5531.04	PASS
	Ant1	5550	42.48	5529.44	5571.92	PASS
	Ant2	5550	40.64	5529.52	5570.16	PASS

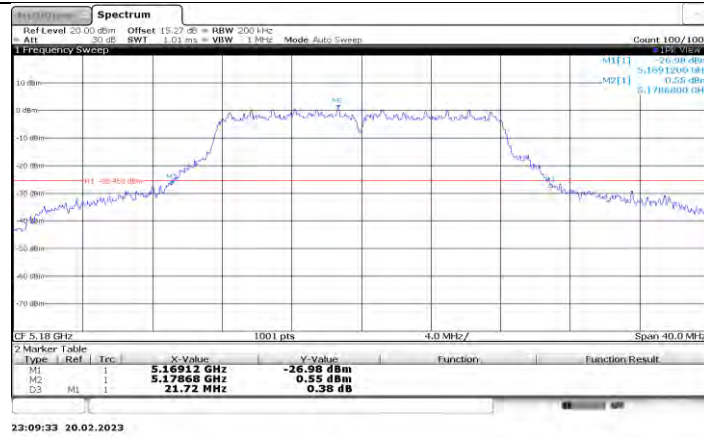
	Ant3	5550	40.64	5529.52	5570.16	PASS
	Ant4	5550	40.64	5529.52	5570.16	PASS
	Ant1	5670	40.80	5649.76	5690.56	PASS
	Ant2	5670	40.88	5649.60	5690.48	PASS
	Ant3	5670	40.64	5649.60	5690.24	PASS
	Ant4	5670	40.96	5649.44	5690.40	PASS
	Ant1	5710	41.04	5689.52	5730.56	PASS
	Ant2	5710	40.64	5689.68	5730.32	PASS
	Ant3	5710	40.48	5689.76	5730.24	PASS
	Ant4	5710	40.56	5689.68	5730.24	PASS
	Ant1	5710 UNII-2C	35.48	5689.52	5725	PASS
	Ant2	5710 UNII-2C	35.32	5689.68	5725	PASS
	Ant3	5710 UNII-2C	35.24	5689.76	5725	PASS
	Ant4	5710 UNII-2C	35.32	5689.68	5725	PASS
	Ant1	5710 UNII-3	5.56	5725	5730.56	PASS
	Ant2	5710 UNII-3	5.32	5725	5730.32	PASS
	Ant3	5710 UNII-3	5.24	5725	5730.24	PASS
	Ant4	5710 UNII-3	5.24	5725	5730.24	PASS
	Ant1	5755	43.12	5732.84	5775.96	PASS
	Ant2	5755	43.52	5732.68	5776.20	PASS
	Ant3	5755	48.24	5728.04	5776.28	PASS
	Ant4	5755	43.36	5732.92	5776.28	PASS
	Ant1	5795	40.80	5774.60	5815.40	PASS
	Ant2	5795	40.88	5774.52	5815.40	PASS
	Ant3	5795	40.56	5774.68	5815.24	PASS
	Ant4	5795	40.56	5774.68	5815.24	PASS
11AX80	Ant1	5210	83.52	5168.24	5251.76	PASS
	Ant2	5210	86.24	5168.56	5254.80	PASS
	Ant3	5210	87.84	5167.60	5255.44	PASS
	Ant4	5210	82.72	5168.56	5251.28	PASS
	Ant1	5290	86.56	5245.68	5332.24	PASS
	Ant2	5290	83.36	5248.40	5331.76	PASS
	Ant3	5290	89.60	5244.88	5334.48	PASS
	Ant4	5290	86.40	5246.96	5333.36	PASS
	Ant1	5530	88.48	5485.52	5574.00	PASS
	Ant2	5530	92.96	5480.72	5573.68	PASS
	Ant3	5530	83.20	5487.92	5571.12	PASS
	Ant4	5530	85.44	5486.96	5572.40	PASS
	Ant1	5610	82.40	5569.20	5651.60	PASS
	Ant2	5610	81.92	5569.04	5650.96	PASS
	Ant3	5610	81.92	5569.20	5651.12	PASS
	Ant4	5610	82.24	5568.88	5651.12	PASS
	Ant1	5690	82.24	5649.04	5731.28	PASS
	Ant2	5690	82.24	5649.04	5731.28	PASS
	Ant3	5690	82.24	5649.04	5731.28	PASS
	Ant4	5690	82.40	5648.72	5731.12	PASS
	Ant1	5690 UNII-2C	75.96	5649.04	5725	PASS
	Ant2	5690 UNII-2C	75.96	5649.04	5725	PASS
	Ant3	5690 UNII-2C	75.96	5649.04	5725	PASS
	Ant4	5690 UNII-2C	76.28	5648.72	5725	PASS
	Ant1	5690 UNII-3	6.28	5725	5731.28	PASS
	Ant2	5690 UNII-3	6.28	5725	5731.28	PASS
	Ant3	5690 UNII-3	6.28	5725	5731.28	PASS
	Ant4	5690 UNII-3	6.12	5725	5731.12	PASS
	Ant1	5775	85.76	5730.68	5816.44	PASS
	Ant2	5775	84.64	5732.12	5816.76	PASS
	Ant3	5775	98.24	5719.80	5818.04	PASS
	Ant4	5775	84.16	5732.44	5816.60	PASS
11AX160	Ant1	5250	166.08	5167.44	5333.52	PASS
	Ant2	5250	164.16	5168.08	5332.24	PASS
	Ant3	5250	165.76	5167.12	5332.88	PASS

	Ant4	5250	164.80	5167.76	5332.56	PASS
	Ant1	5250 UNII-1	82.56	5167.44	5250	PASS
	Ant2	5250 UNII-1	81.92	5168.08	5250	PASS
	Ant3	5250 UNII-1	82.88	5167.12	5250	PASS
	Ant4	5250 UNII-1	82.24	5167.76	5250	PASS
	Ant1	5250 UNII-2A	83.52	5250	5333.52	PASS
	Ant2	5250 UNII-2A	82.24	5250	5332.24	PASS
	Ant3	5250 UNII-2A	82.88	5250	5332.88	PASS
	Ant4	5250 UNII-2A	82.56	5250	5332.56	PASS
	Ant1	5570	166.40	5487.76	5654.16	PASS
	Ant2	5570	166.08	5487.12	5653.20	PASS
	Ant3	5570	164.80	5487.44	5652.24	PASS
	Ant4	5570	166.40	5486.80	5653.20	PASS

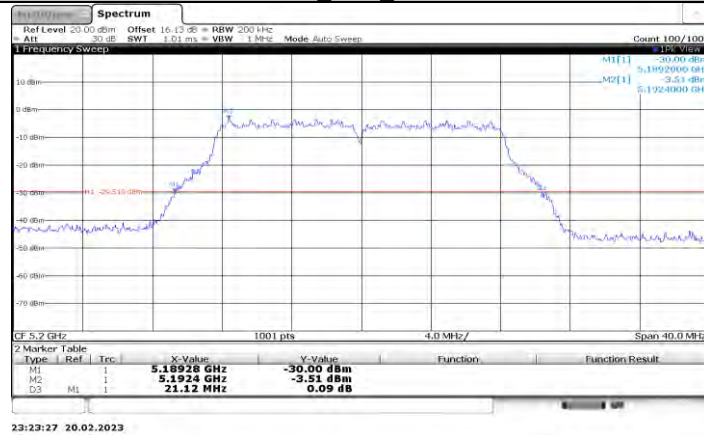
Note: All the modes had been tested, but only the worst data was recorded in the report.

11.1.2. Test Graphs

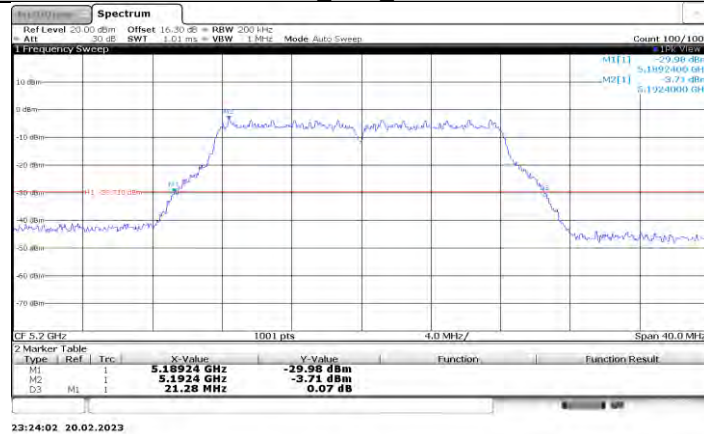




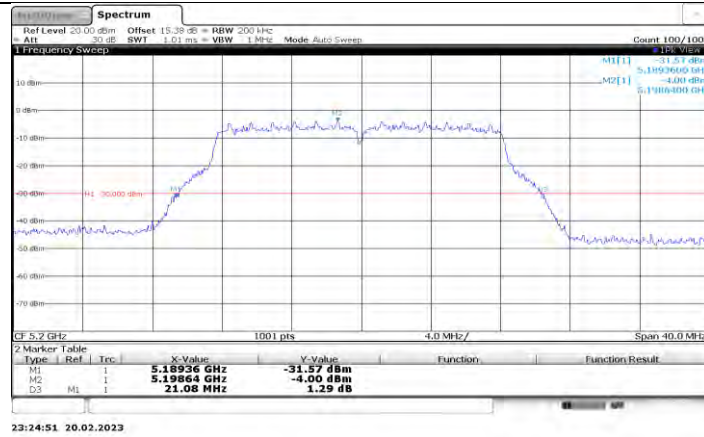
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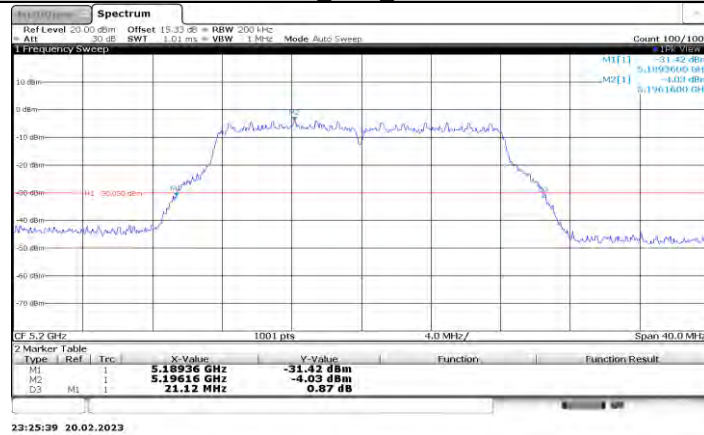
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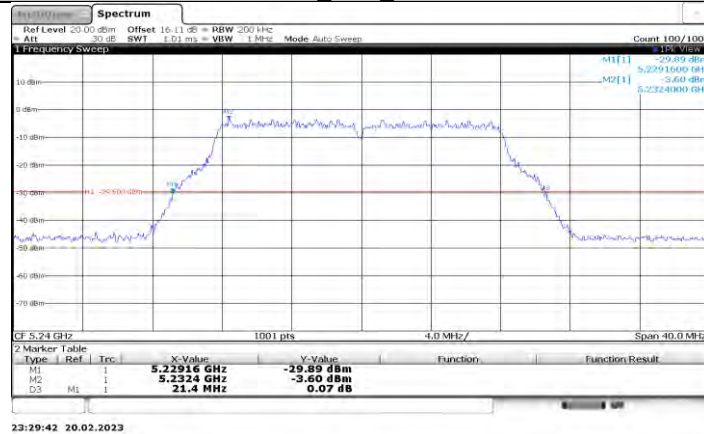
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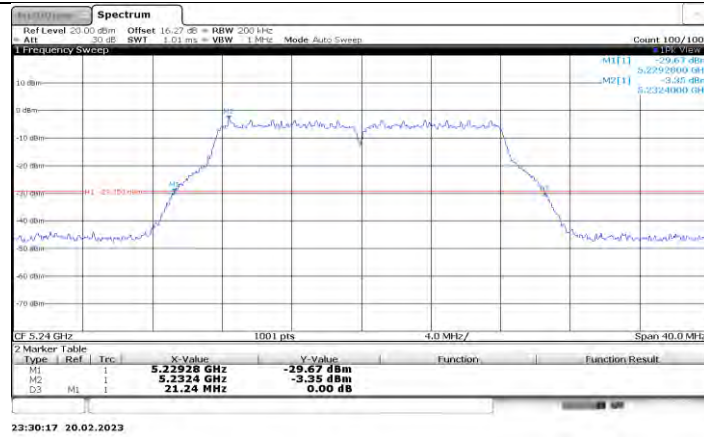
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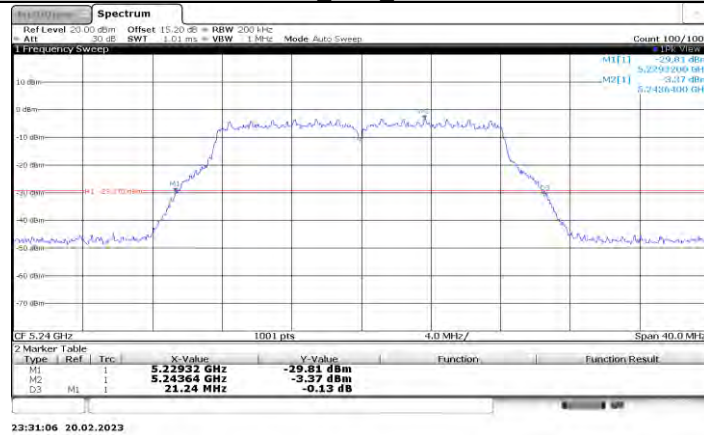
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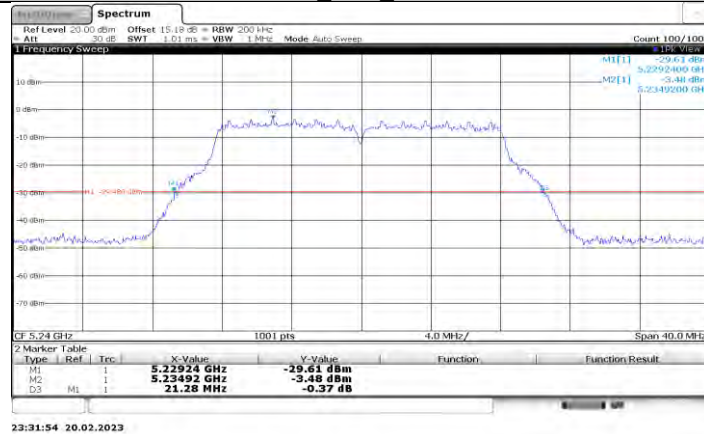
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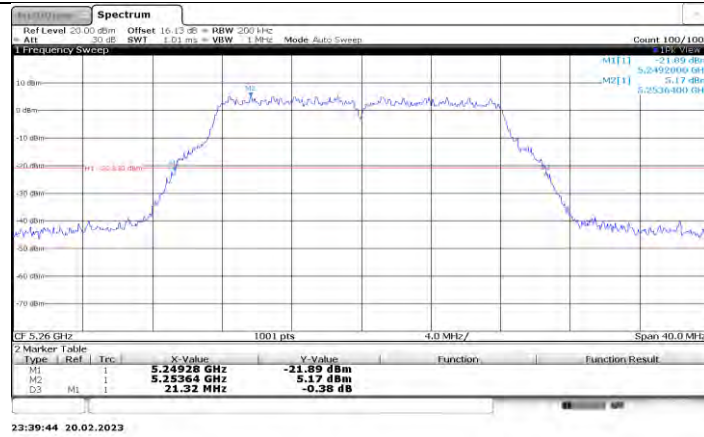
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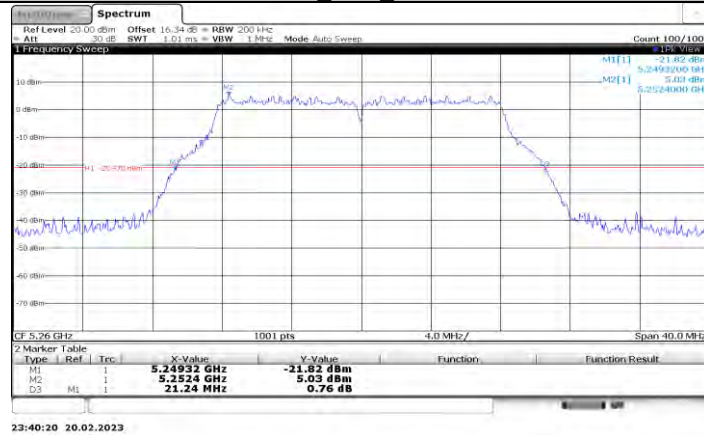
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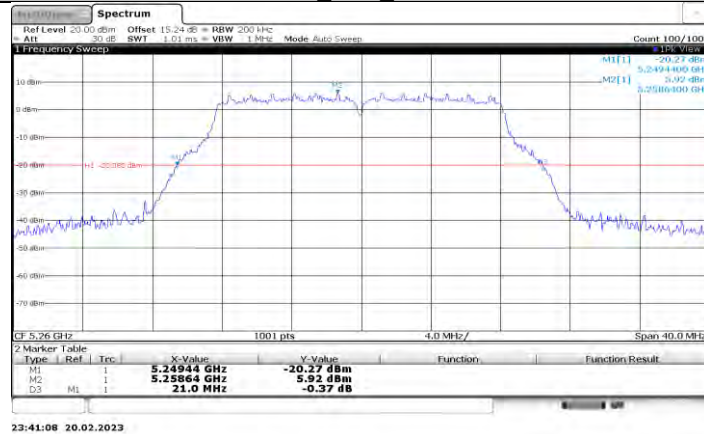
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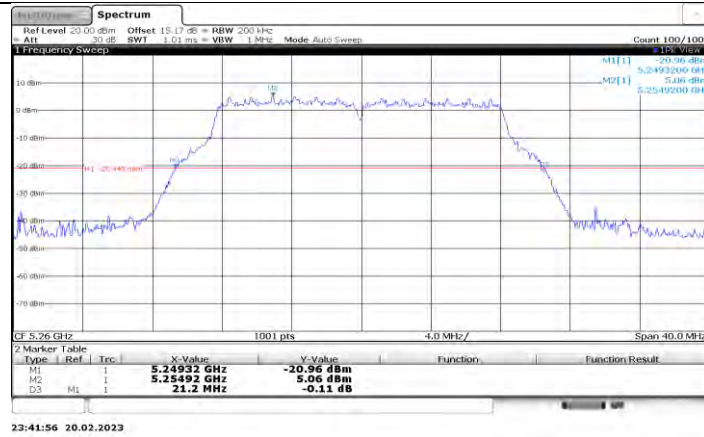
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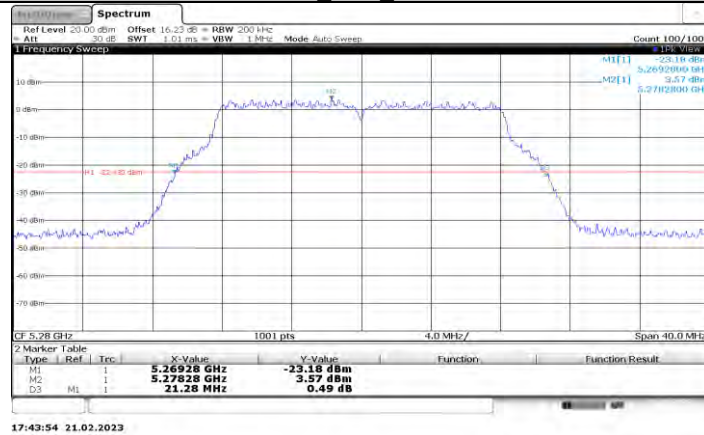
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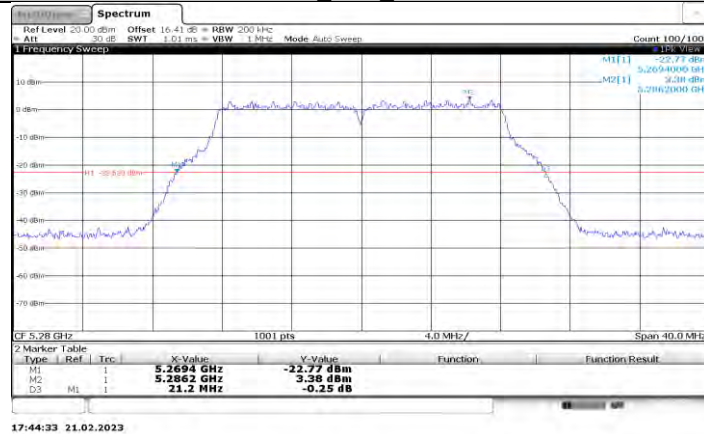
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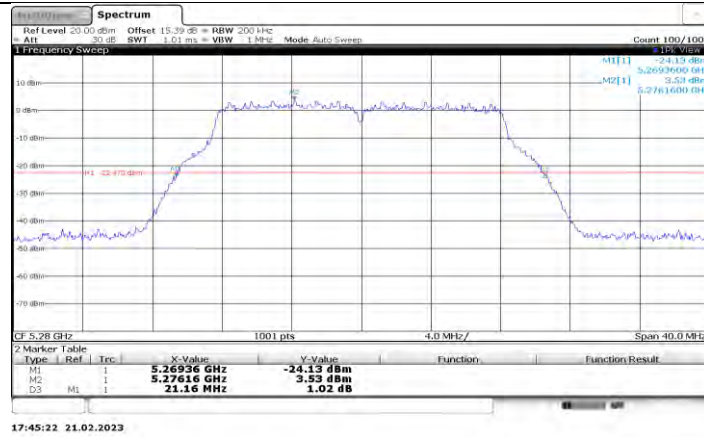
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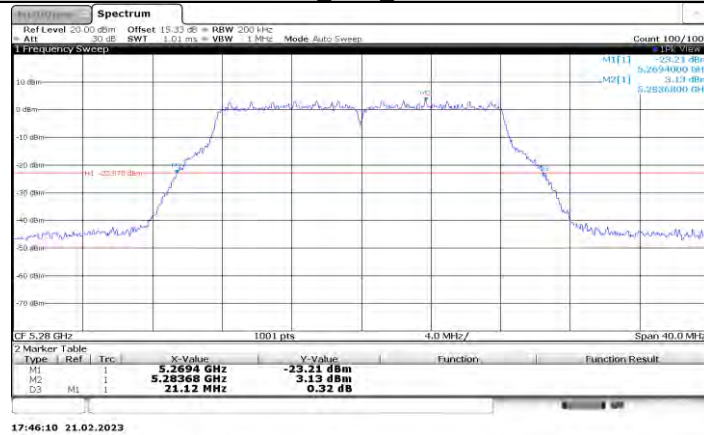
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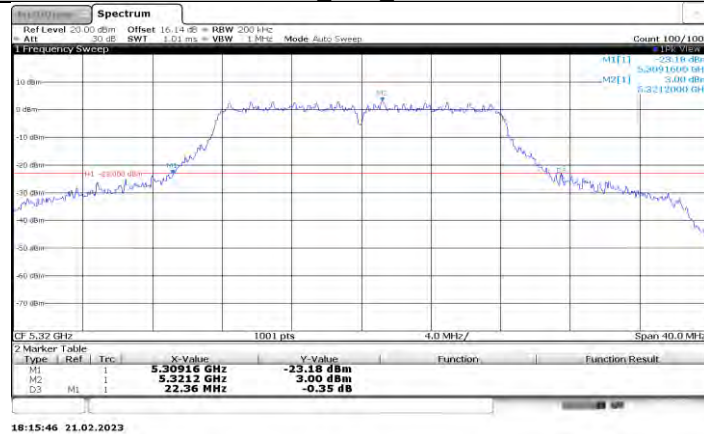
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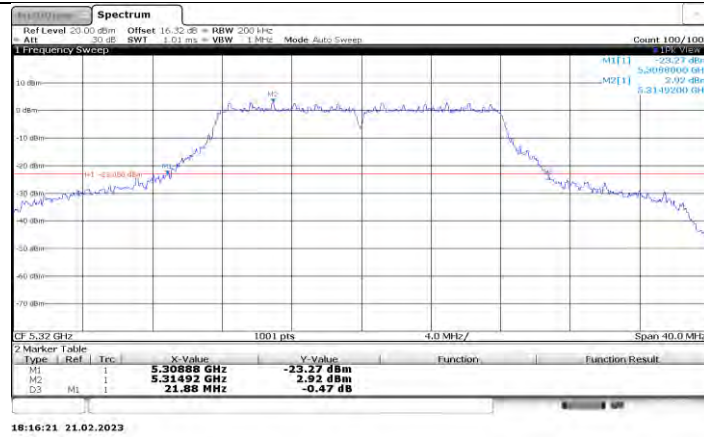
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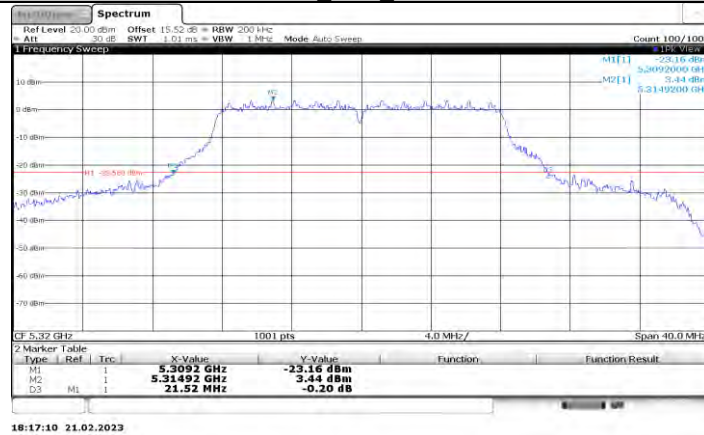
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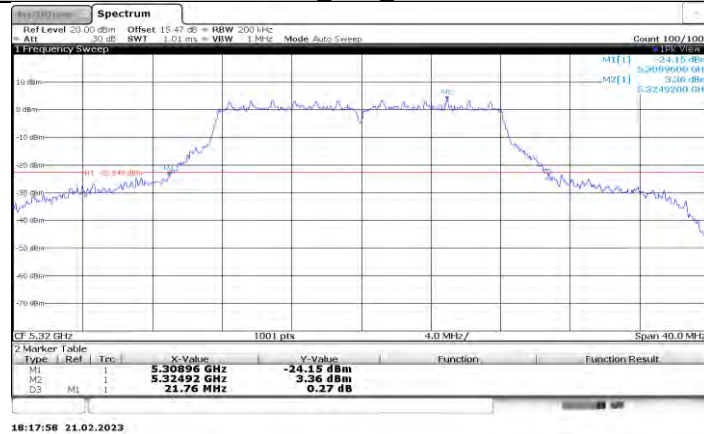
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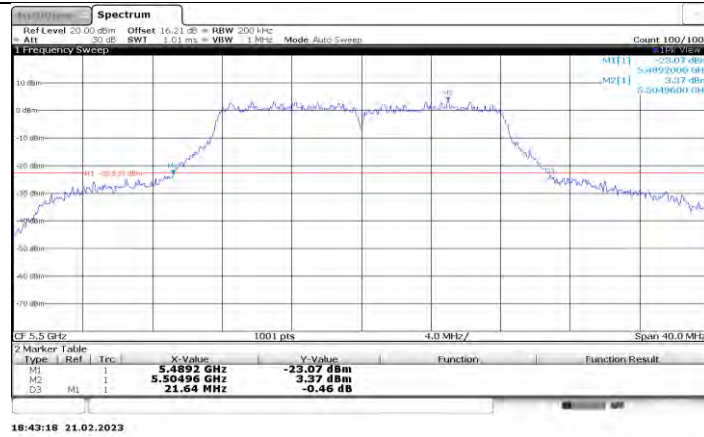
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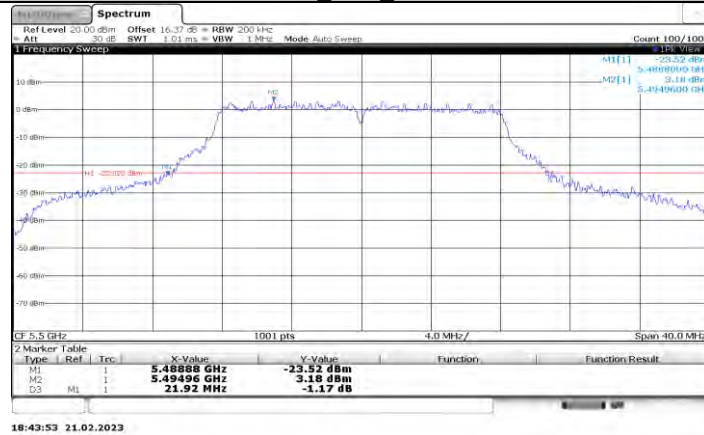
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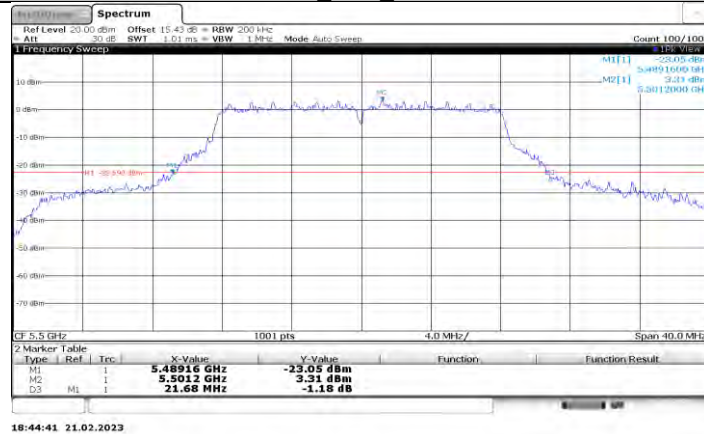
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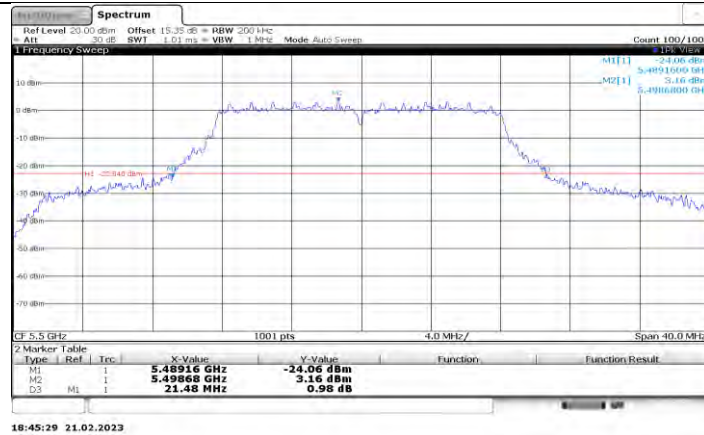
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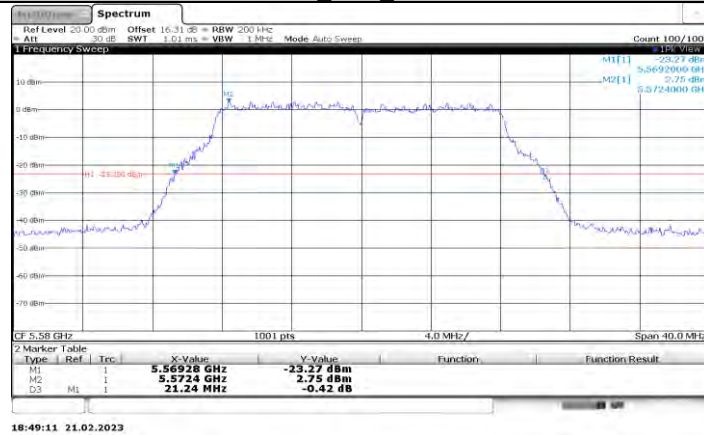
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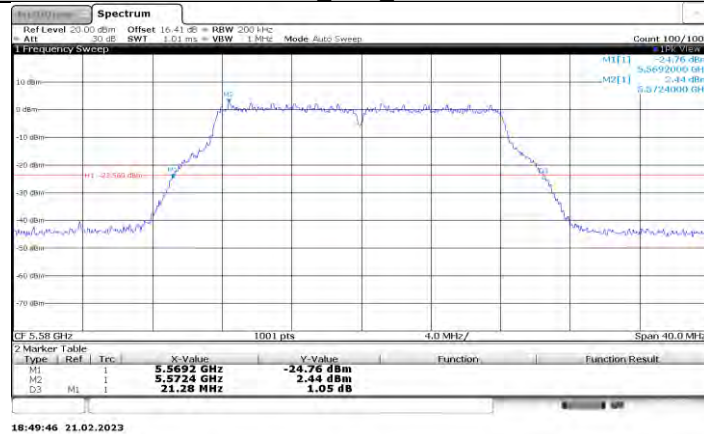
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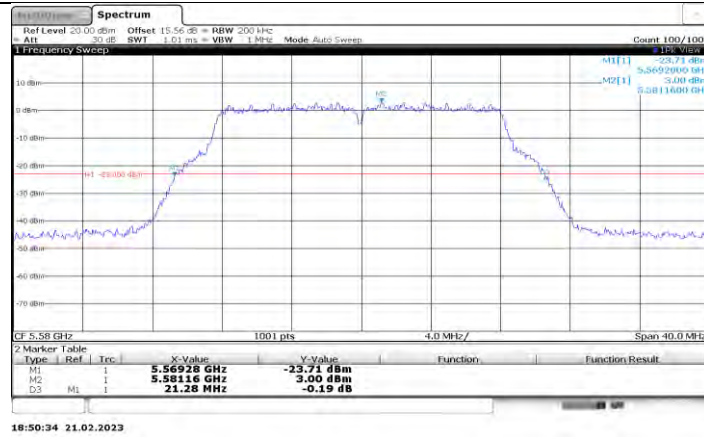
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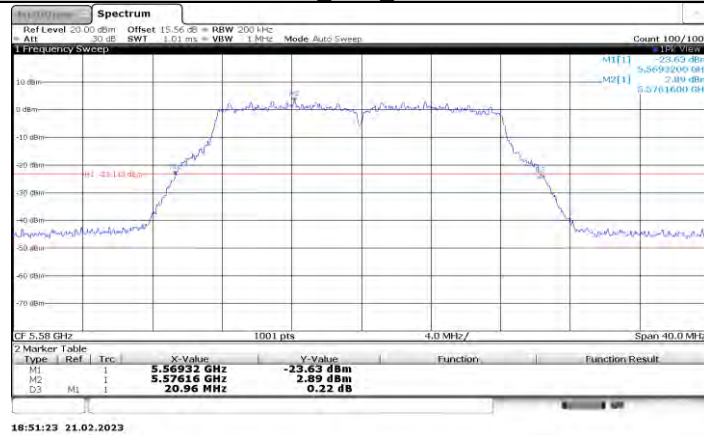
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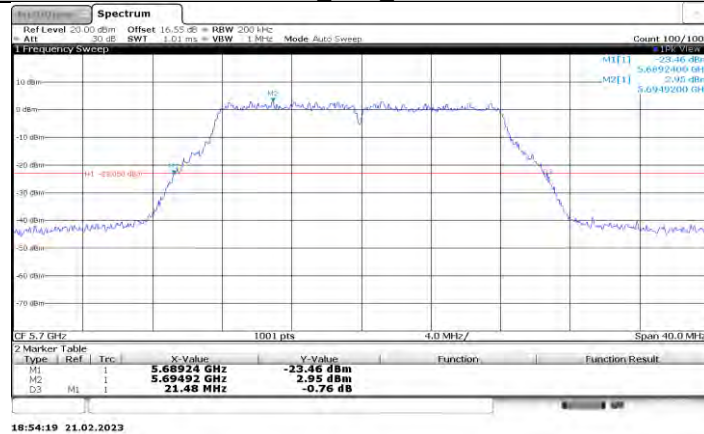
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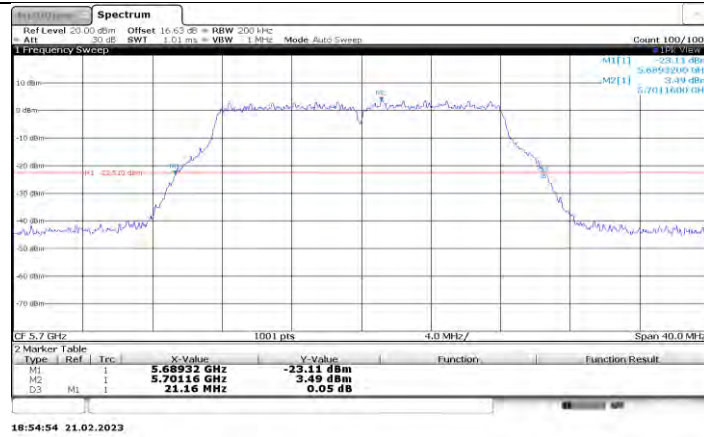
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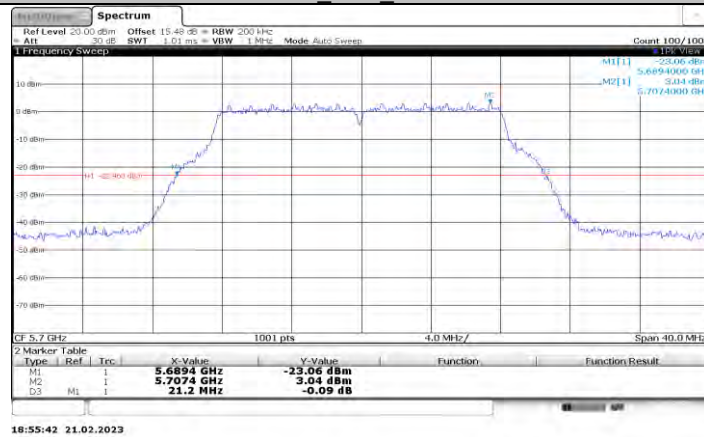
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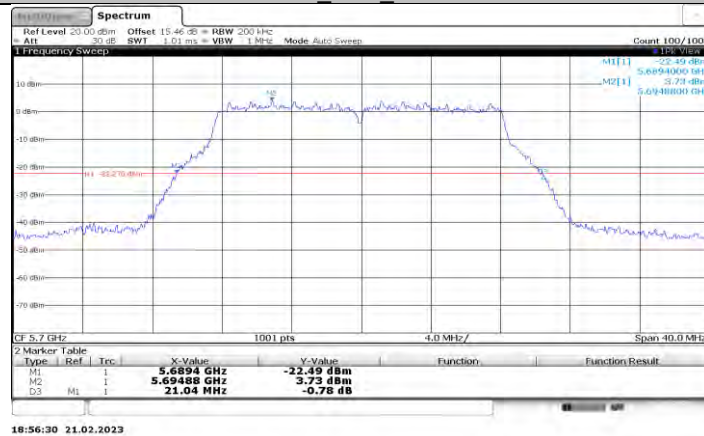
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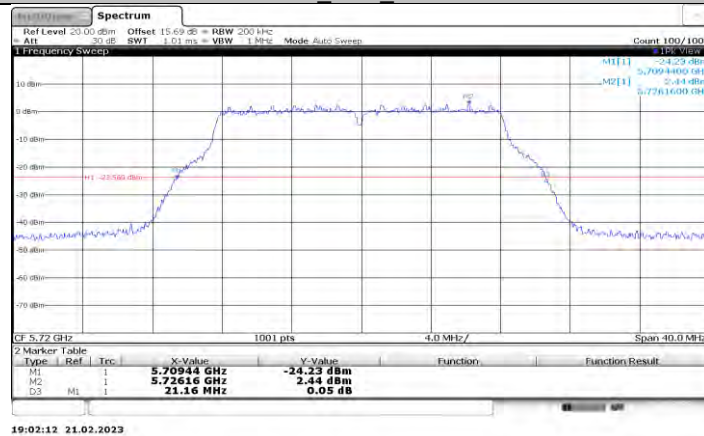
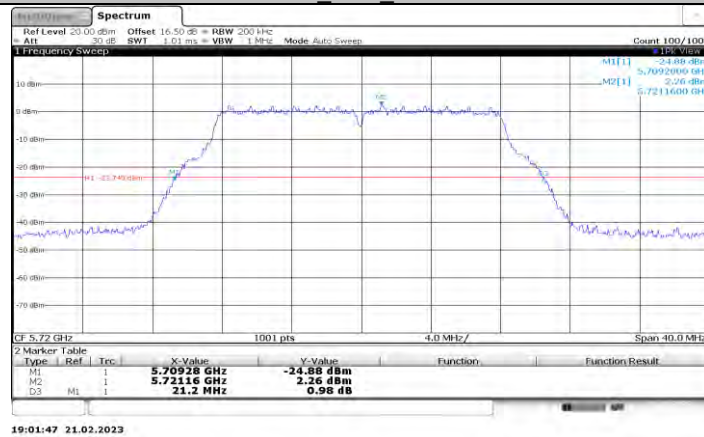
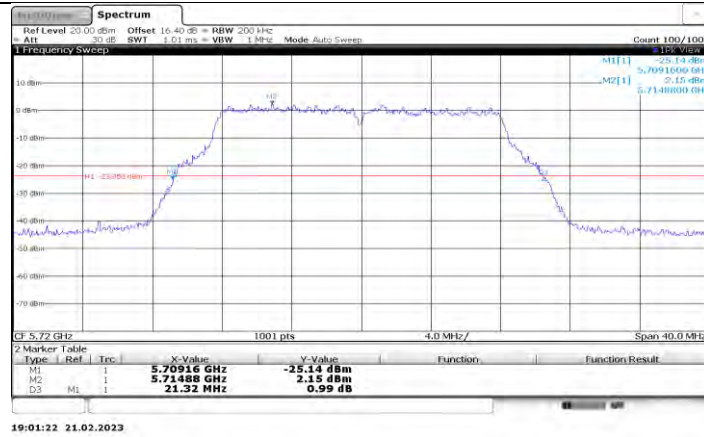
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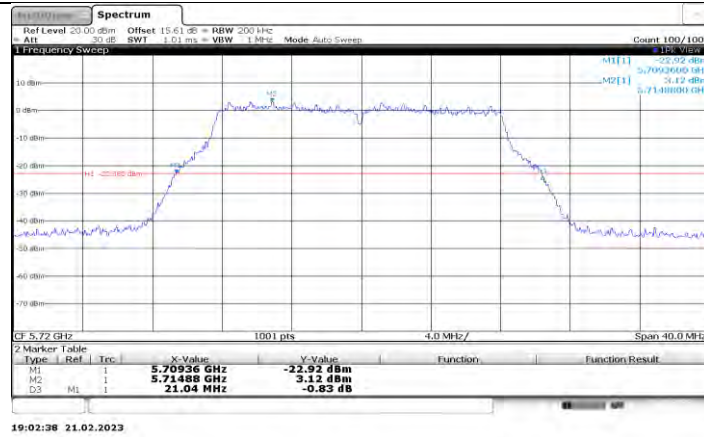


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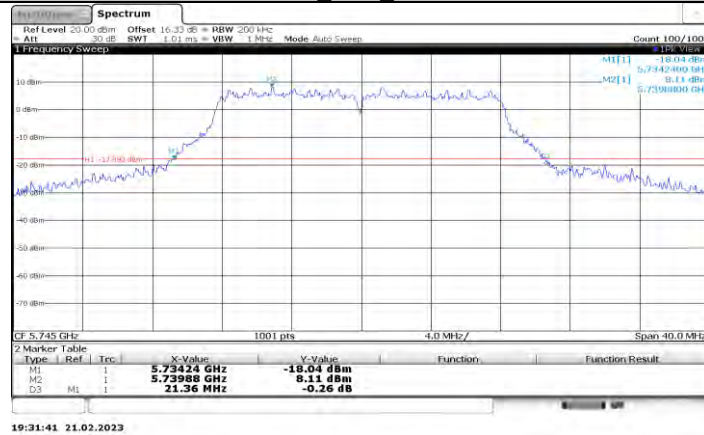


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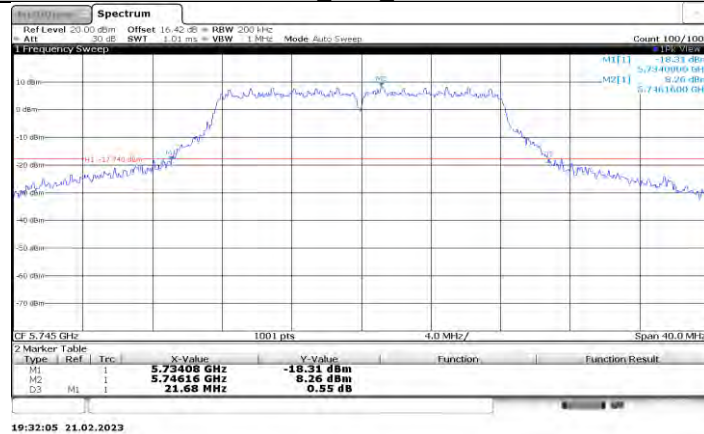




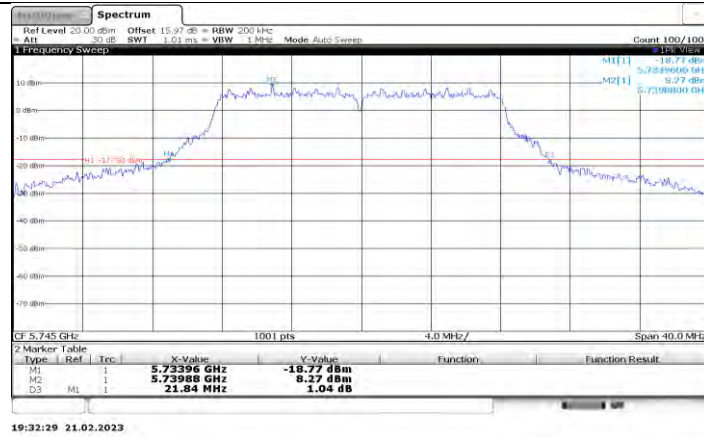
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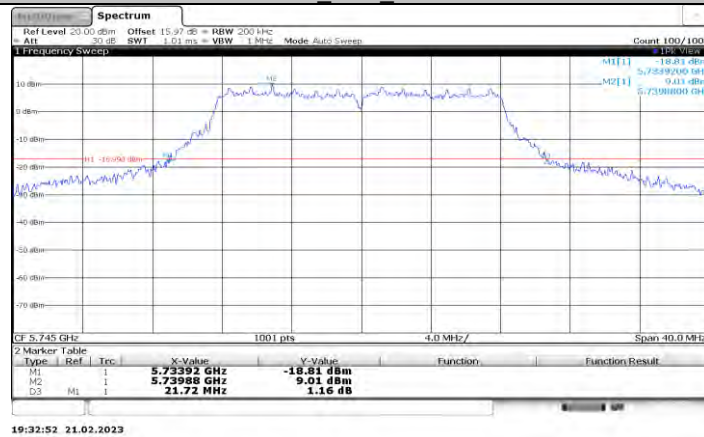
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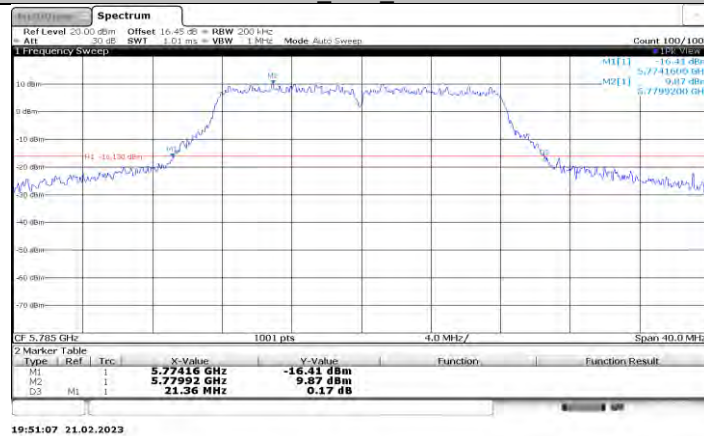
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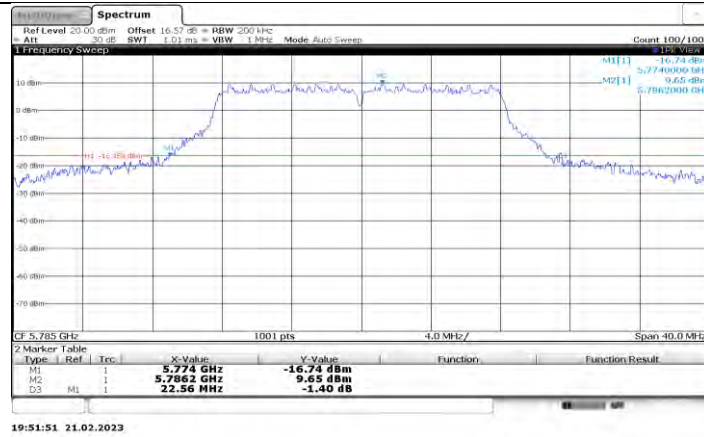
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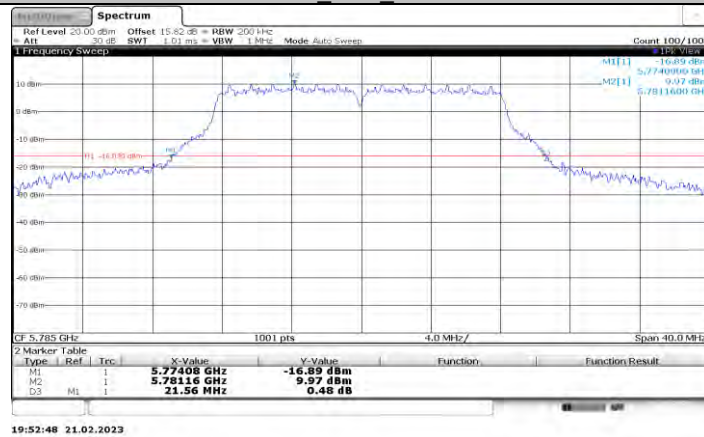
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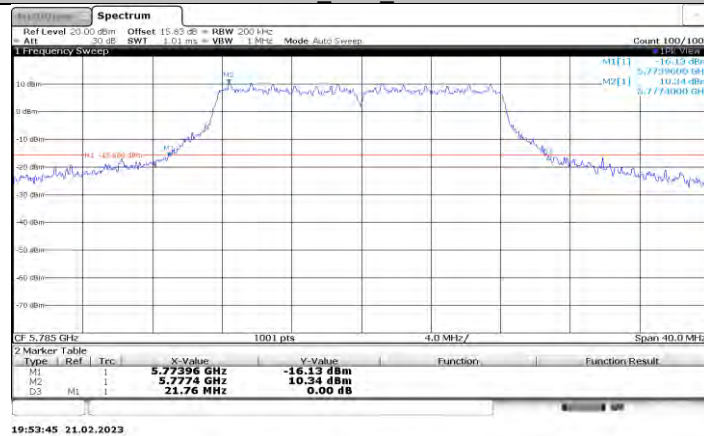
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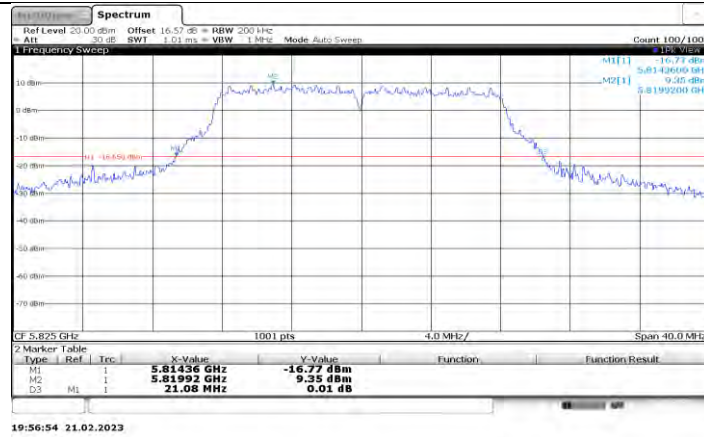
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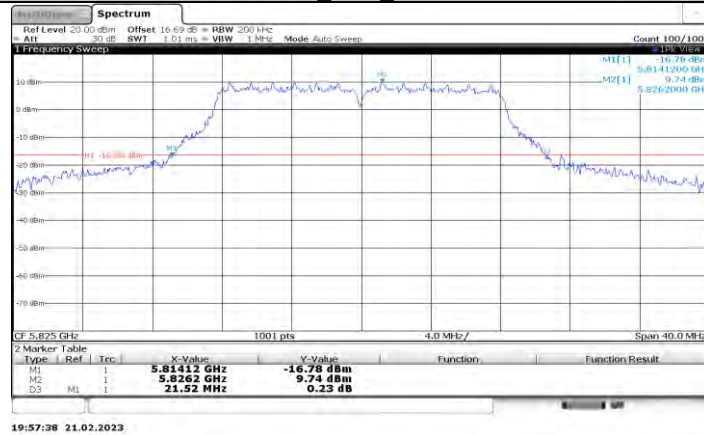
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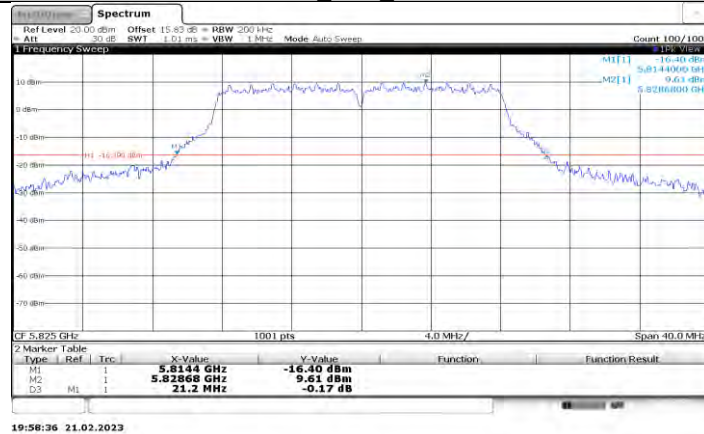
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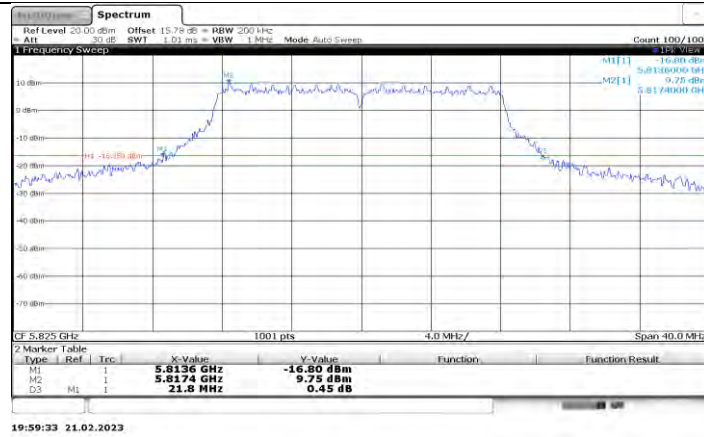
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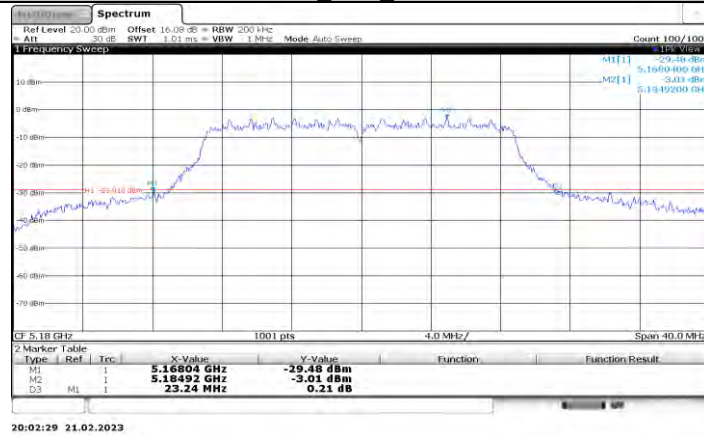
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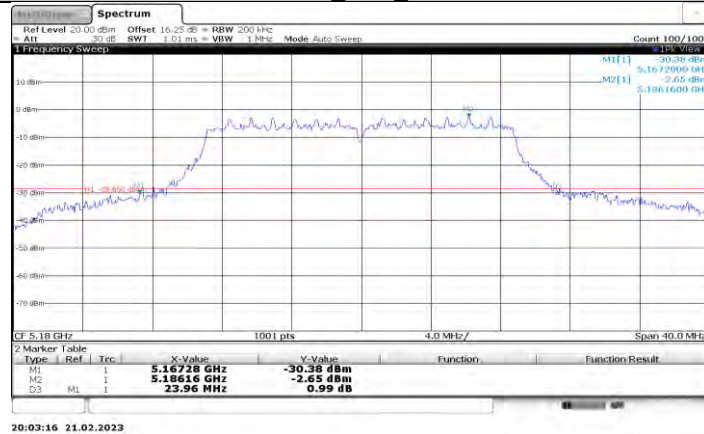
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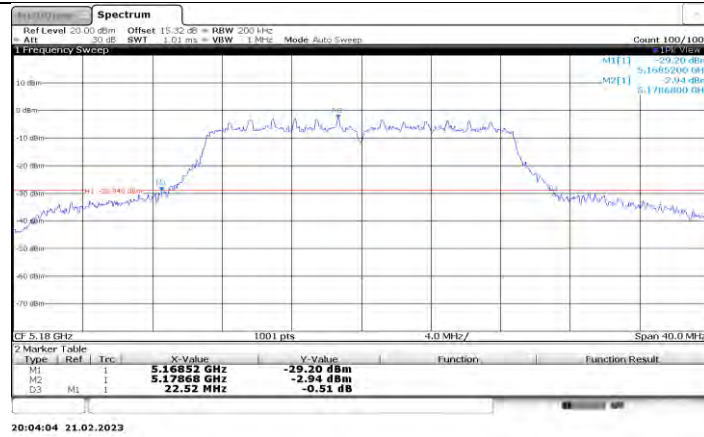
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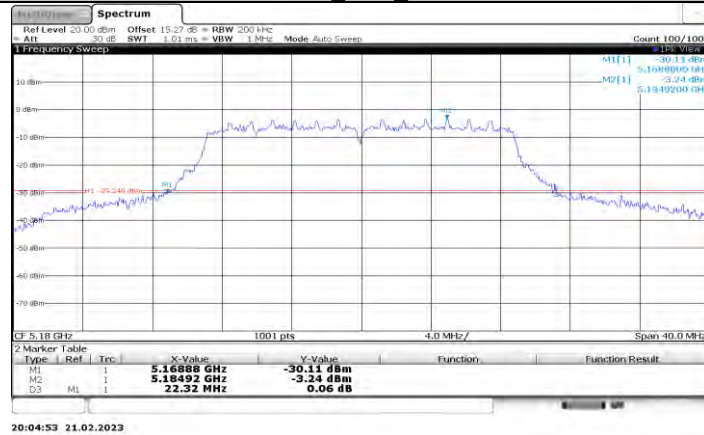
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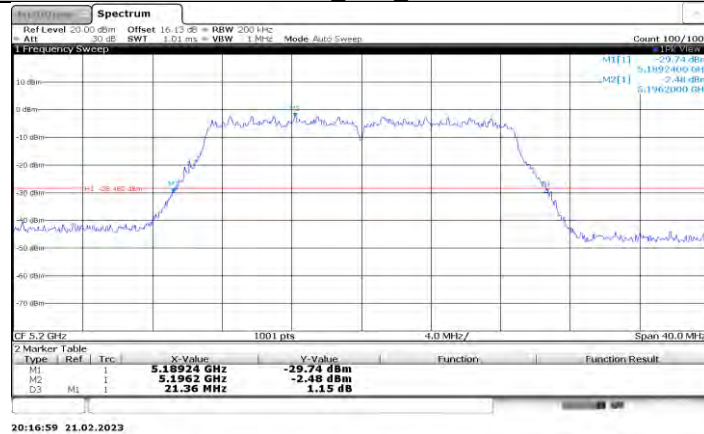
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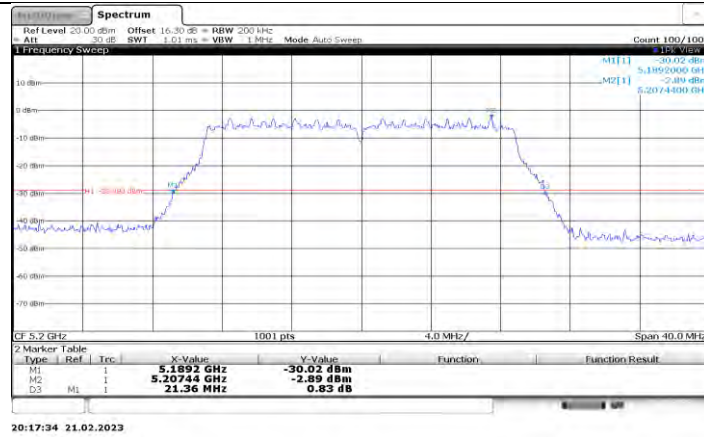
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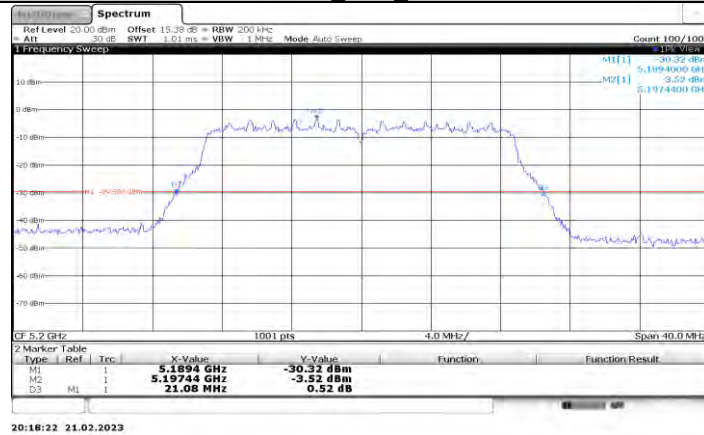
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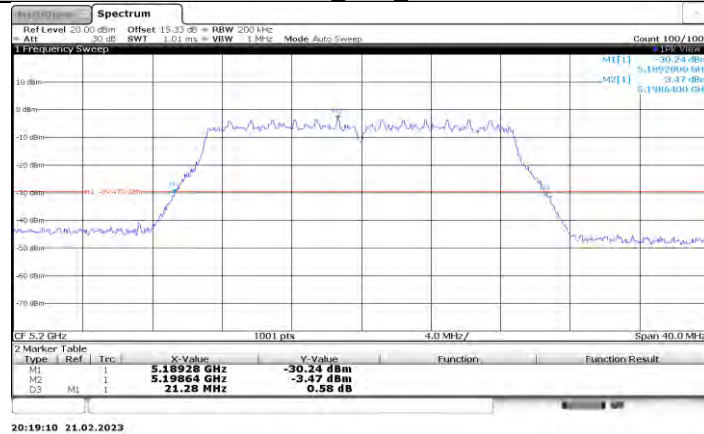
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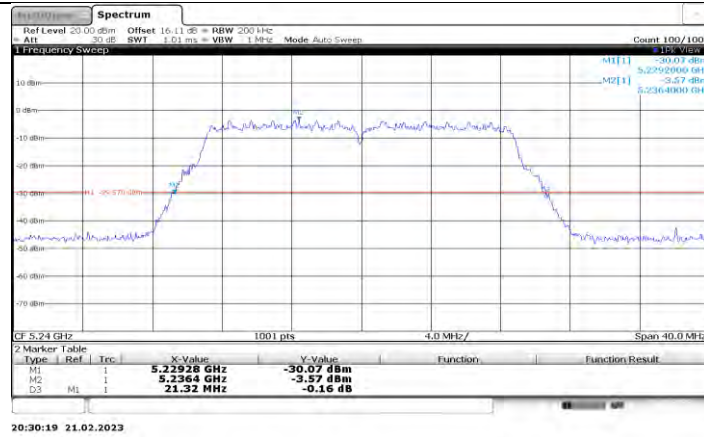
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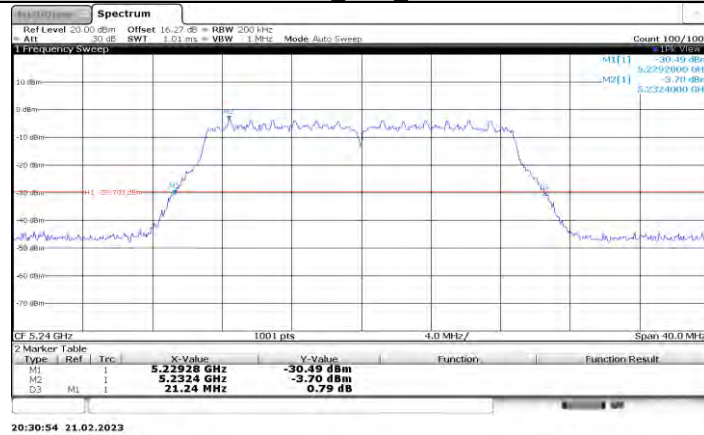
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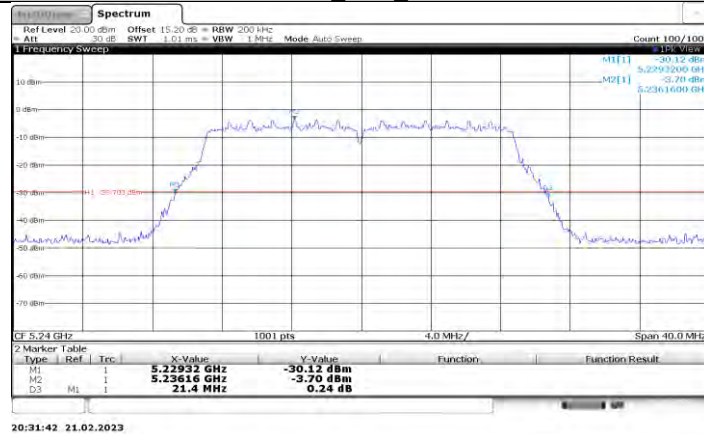
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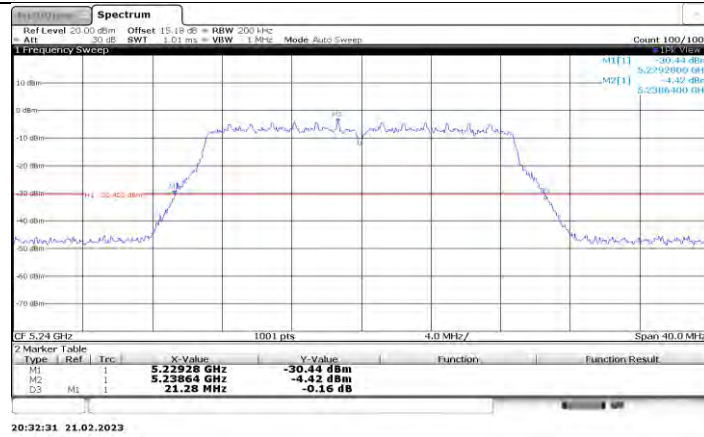
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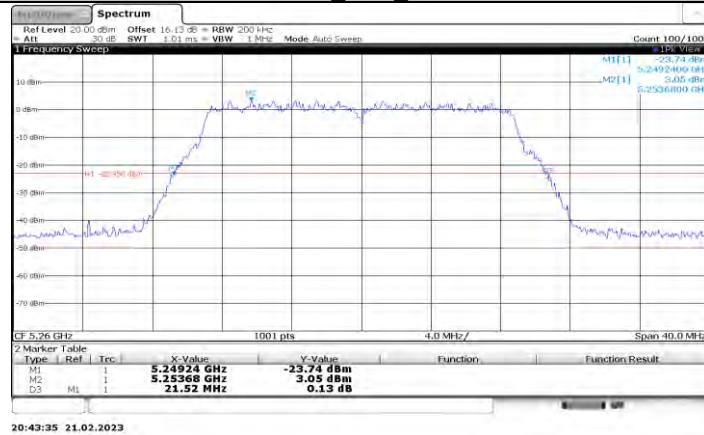
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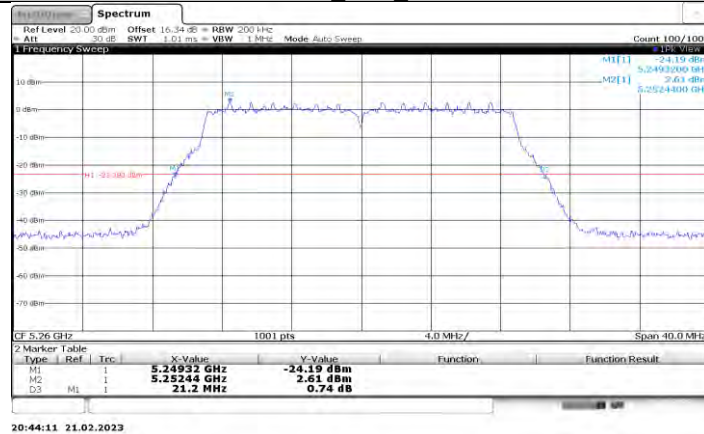
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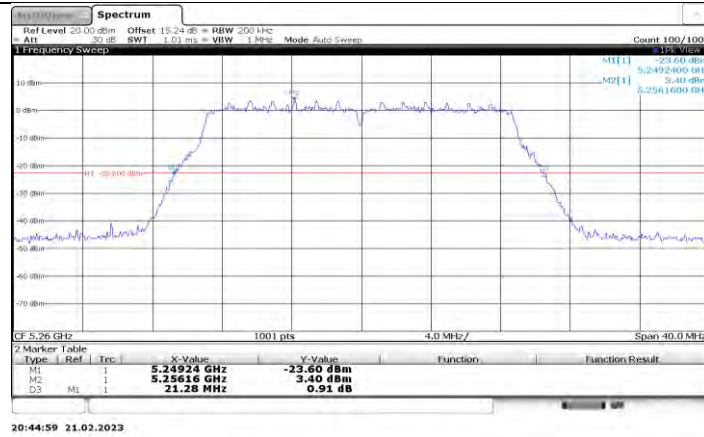
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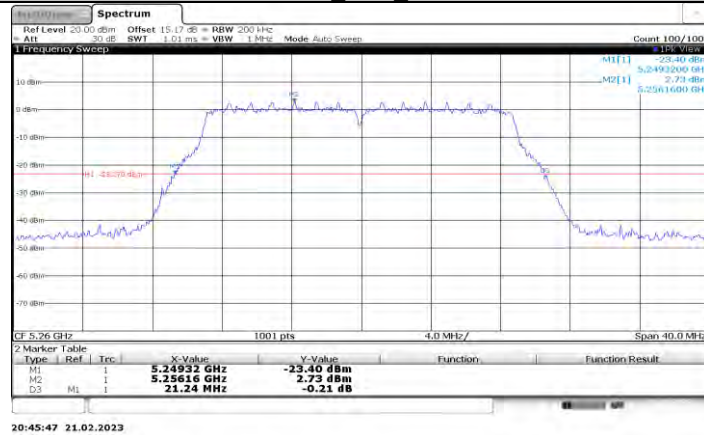
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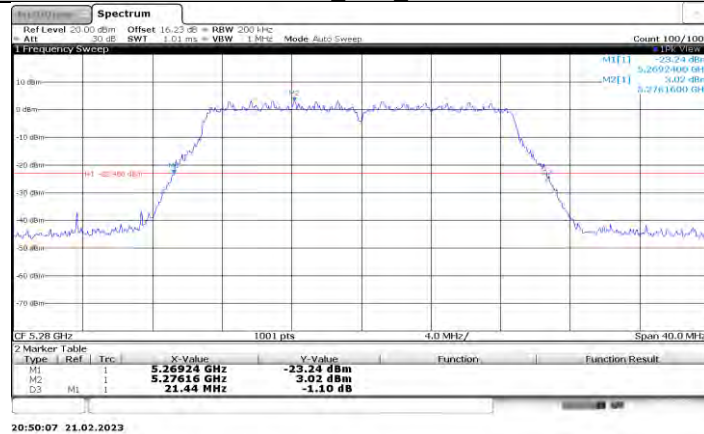
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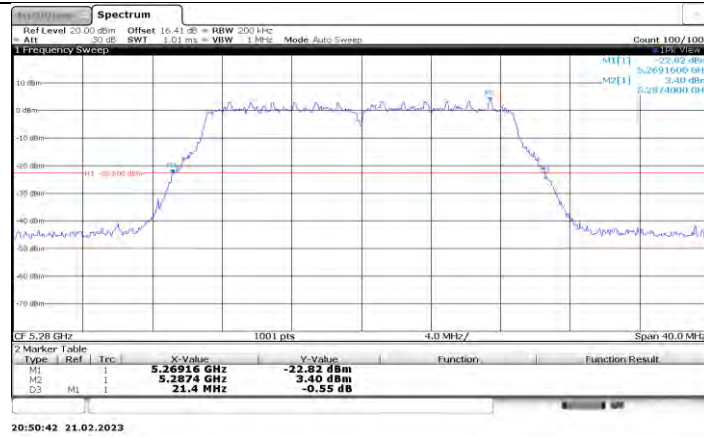
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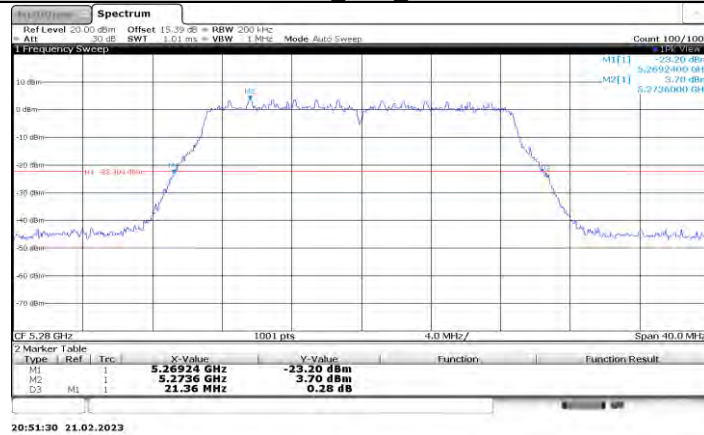
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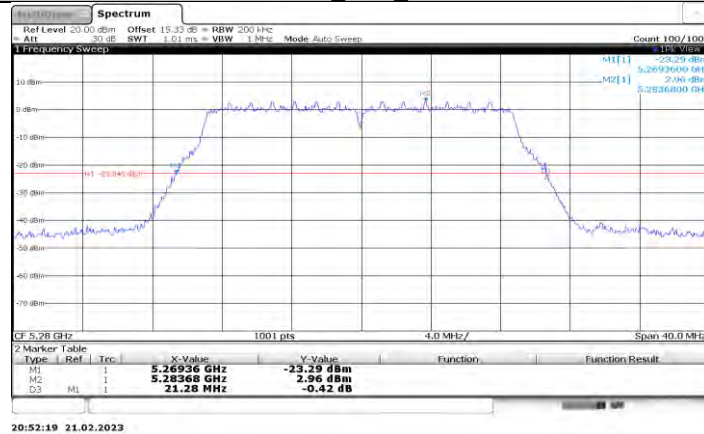
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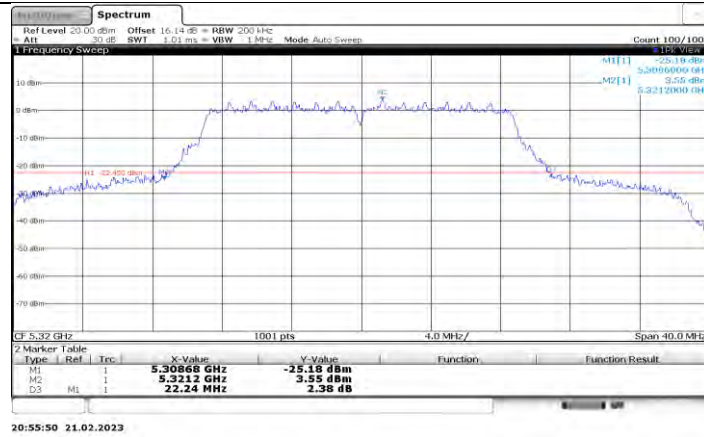
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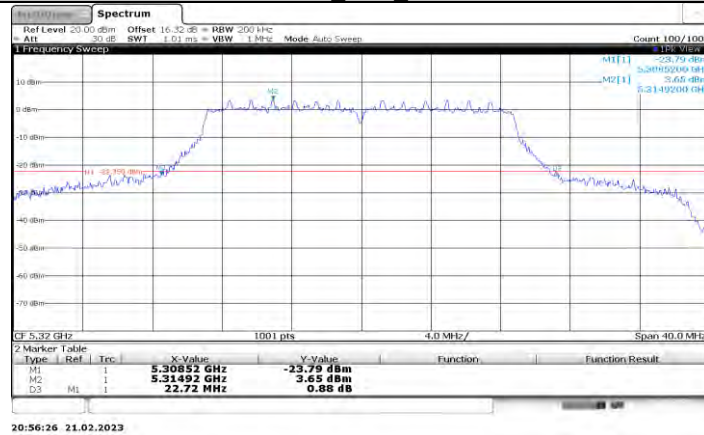
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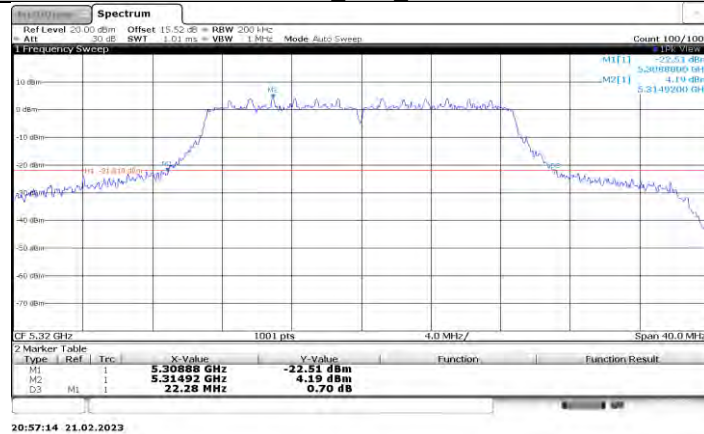
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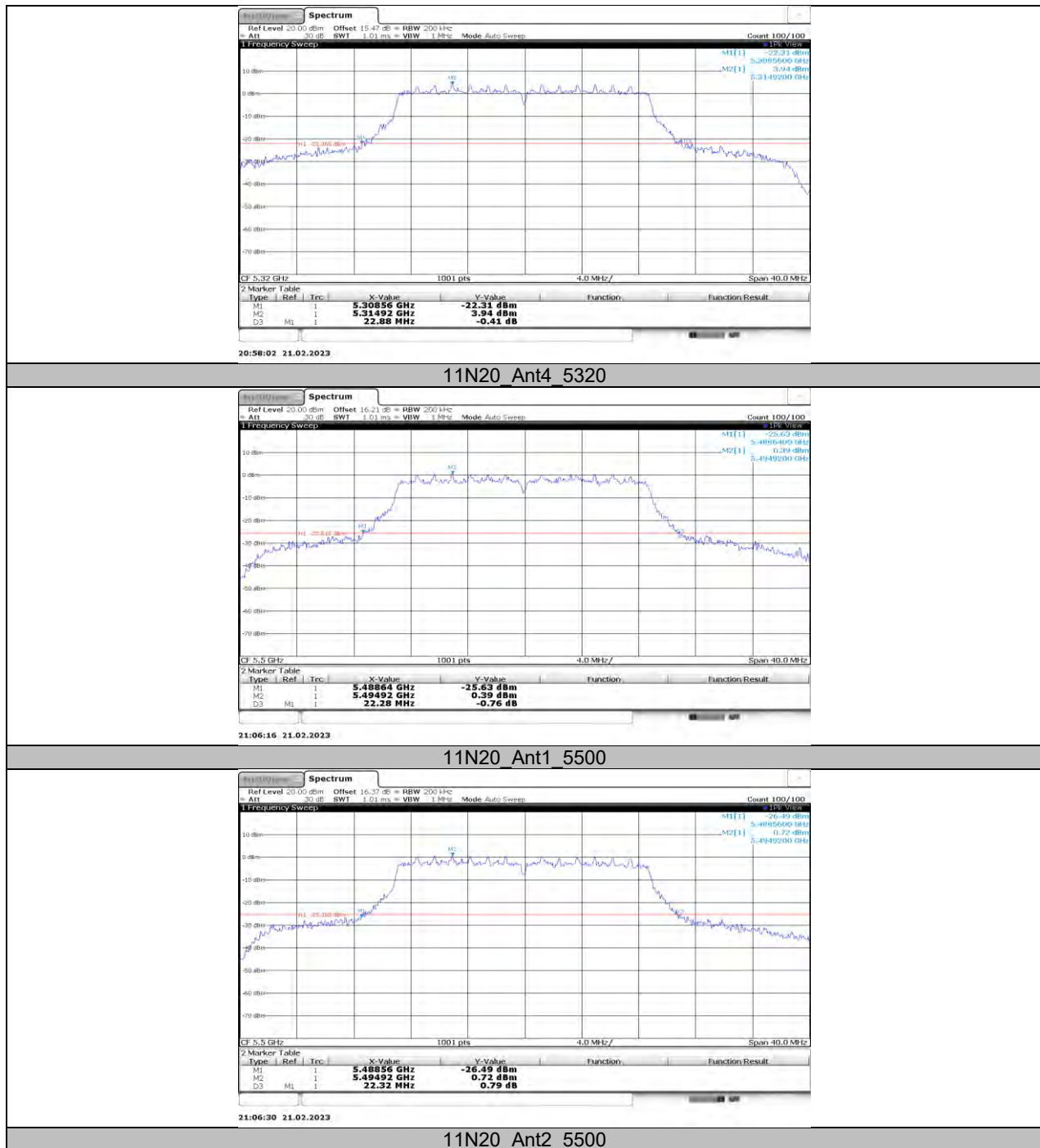
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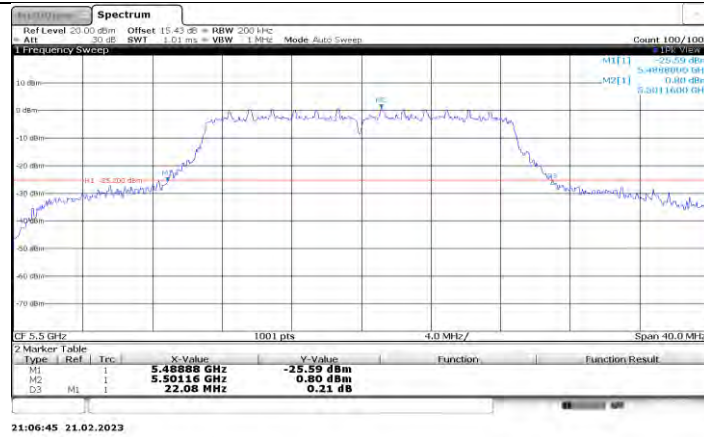


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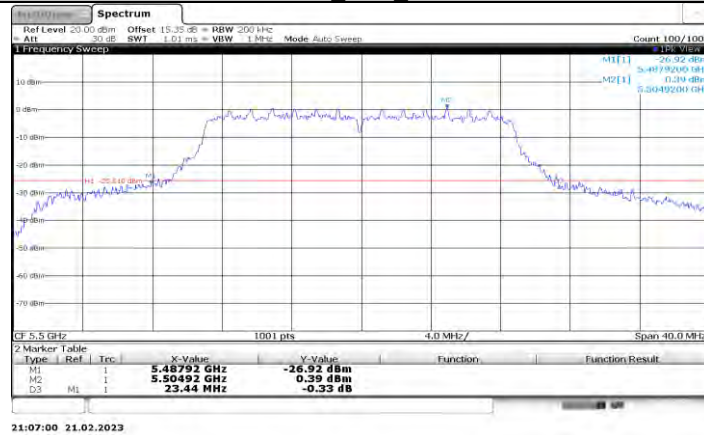


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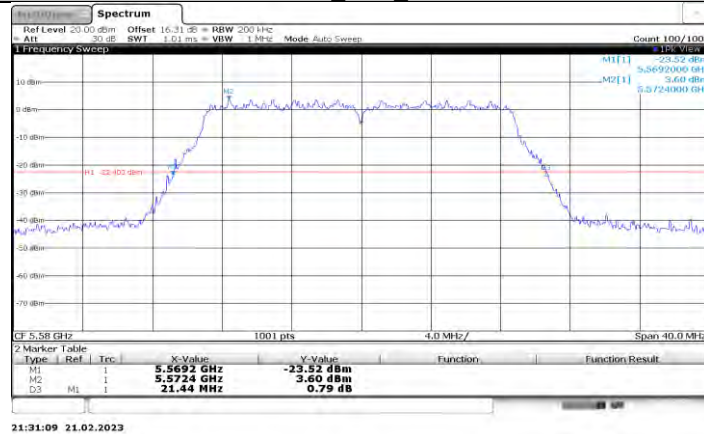




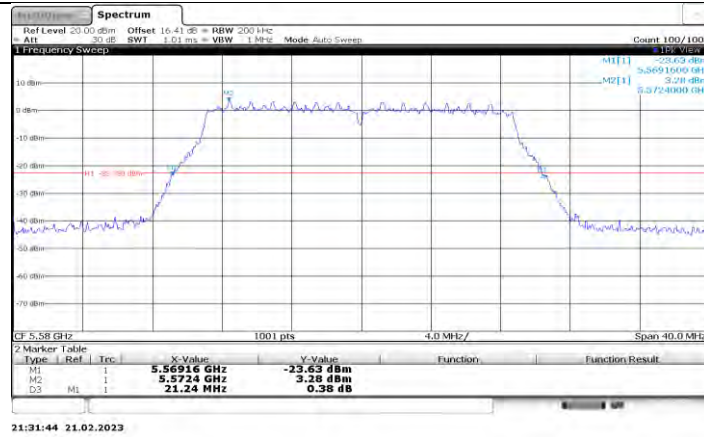
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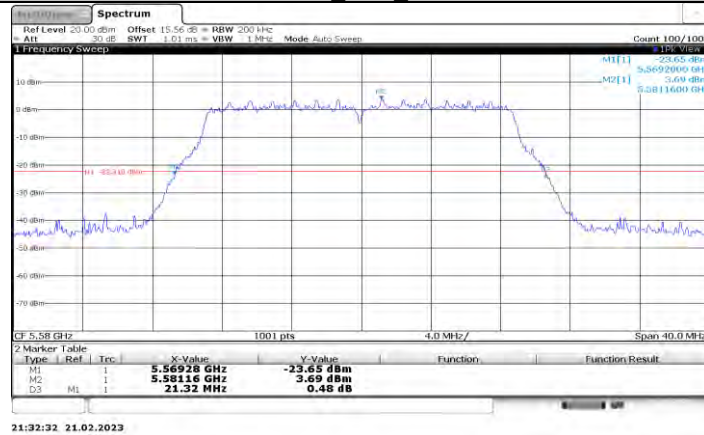
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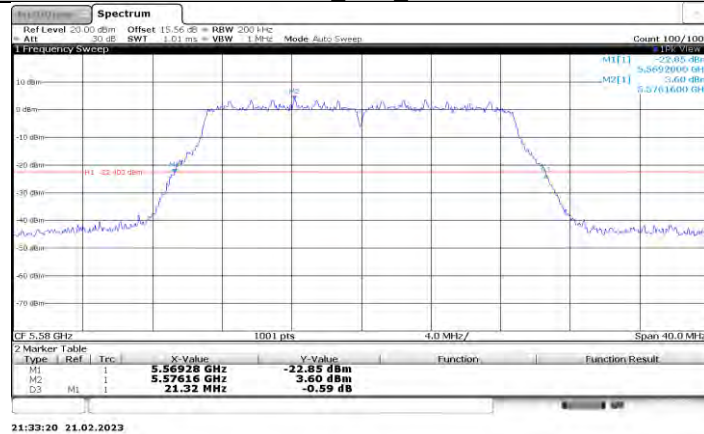
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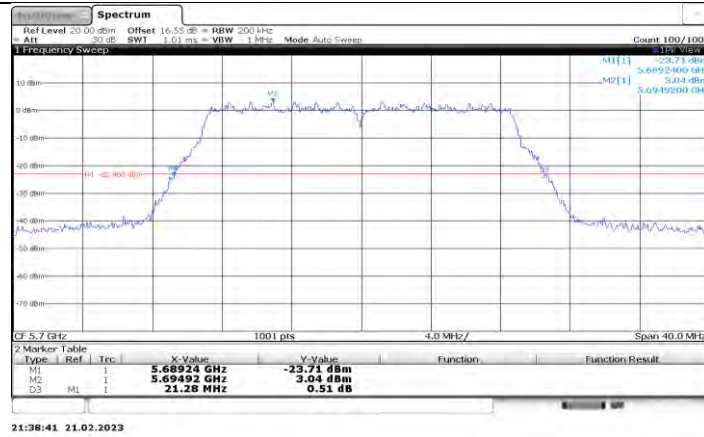
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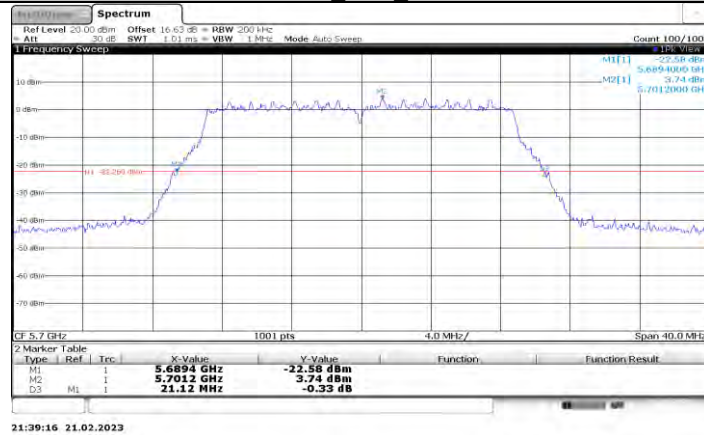
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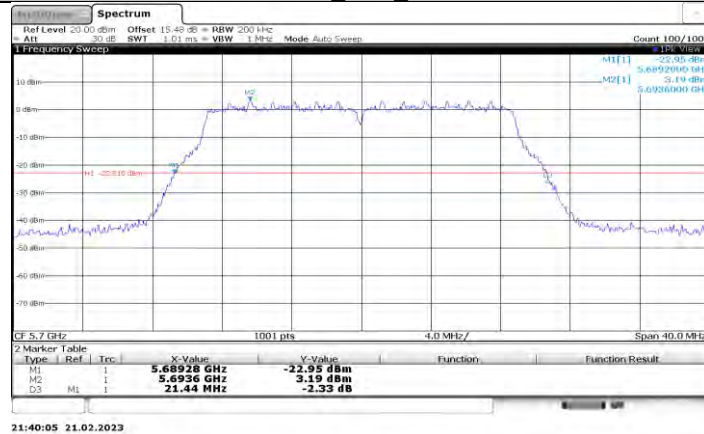
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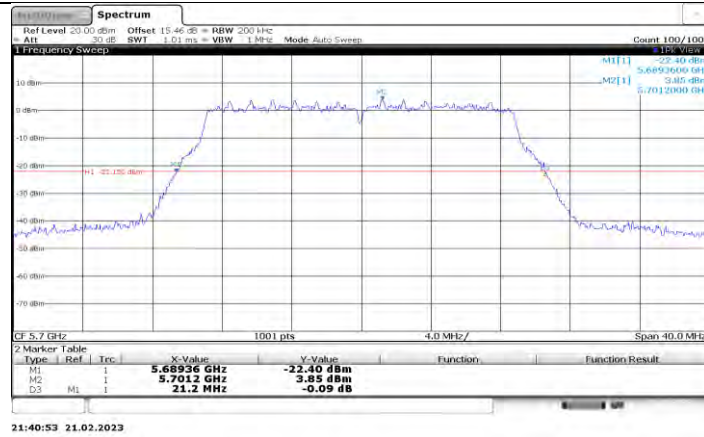
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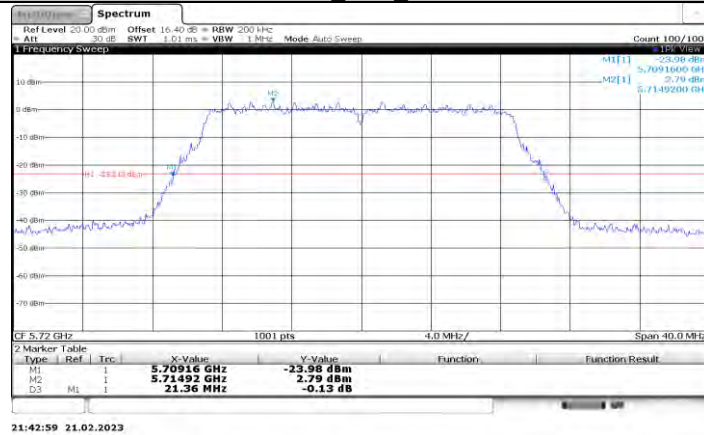
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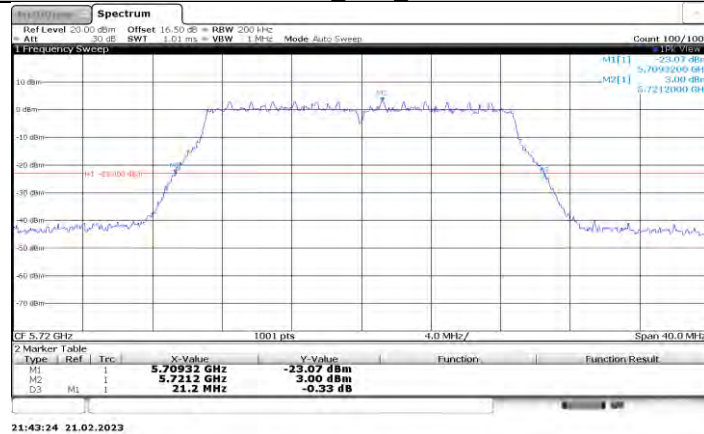
11N20_Ant3_5700



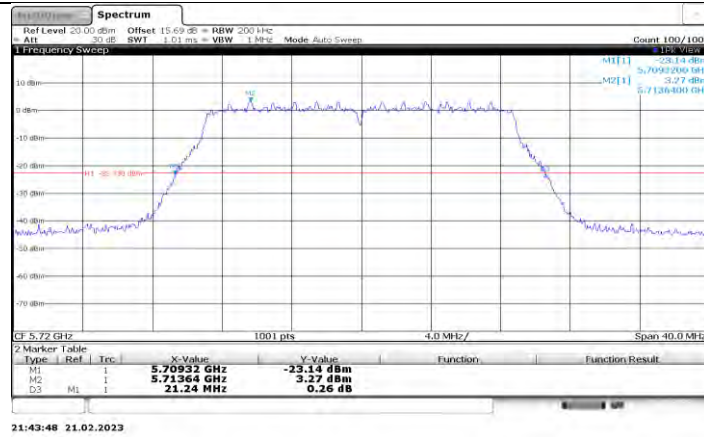
11N20_Ant4_5700



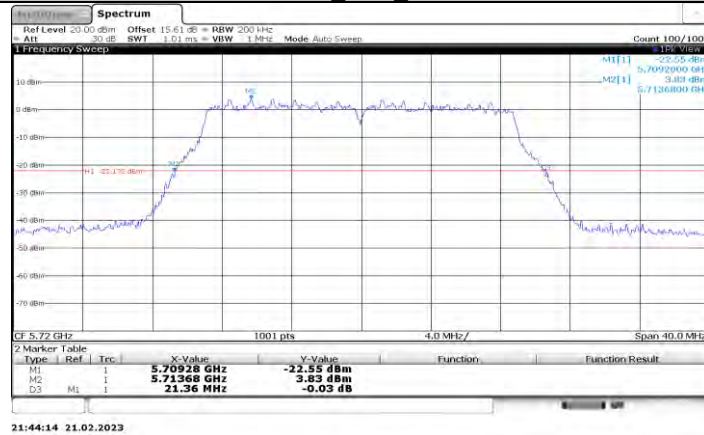
11N20_Ant1_5720



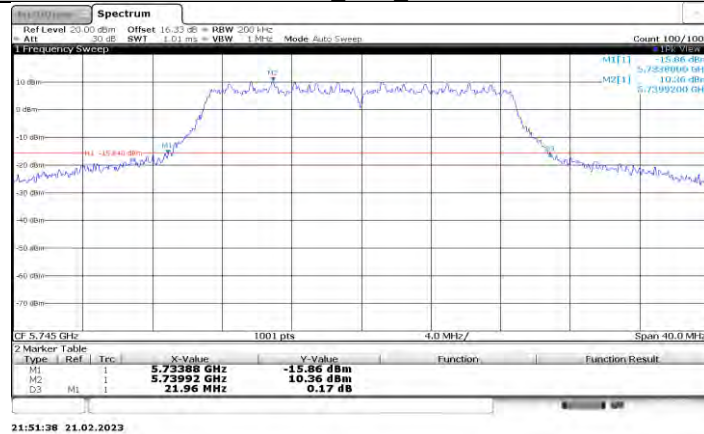
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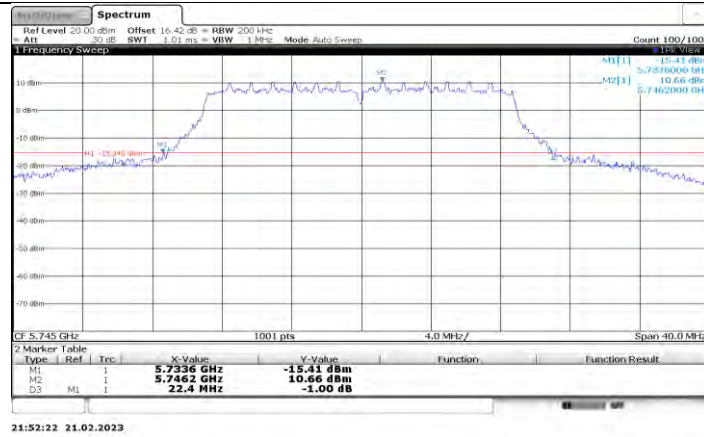
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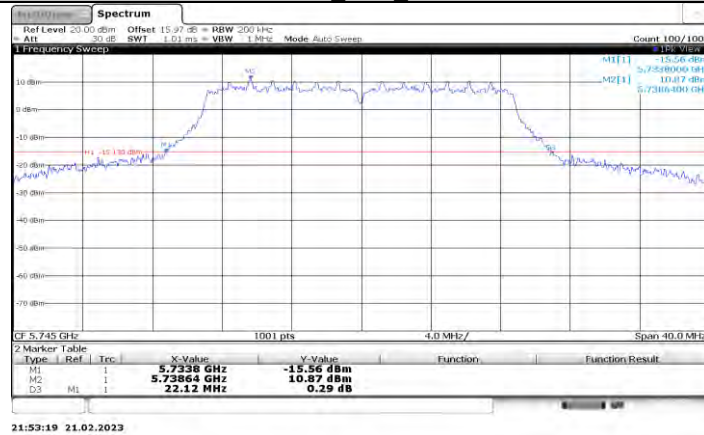
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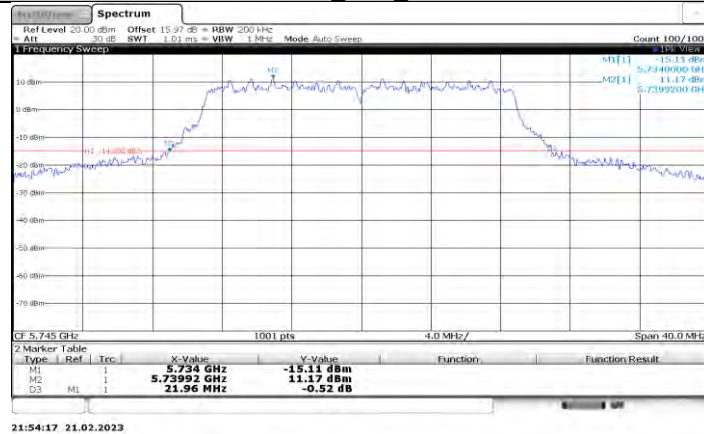
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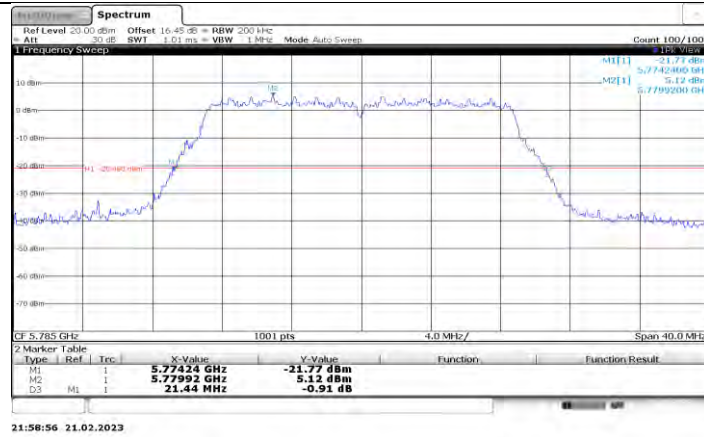
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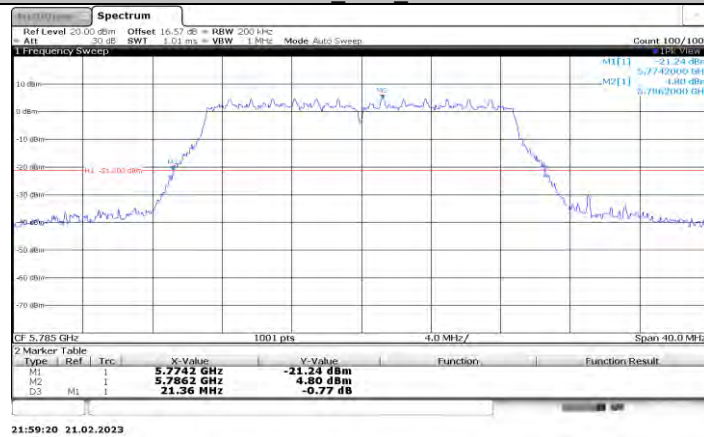
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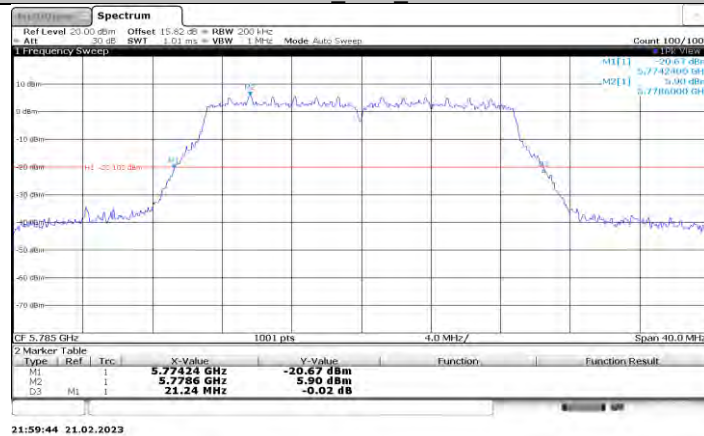
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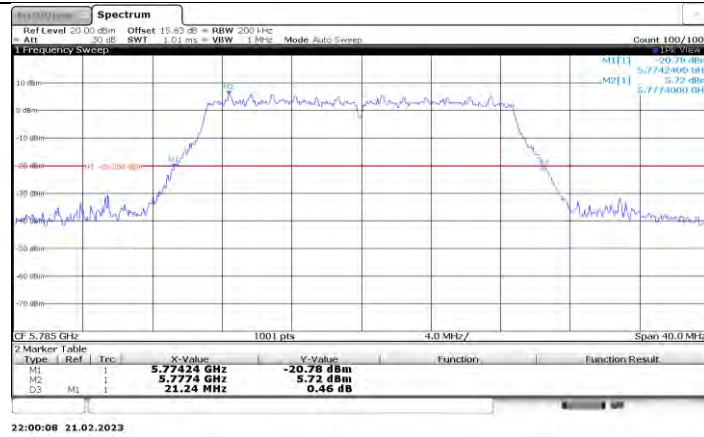
11N20_Ant1_5785



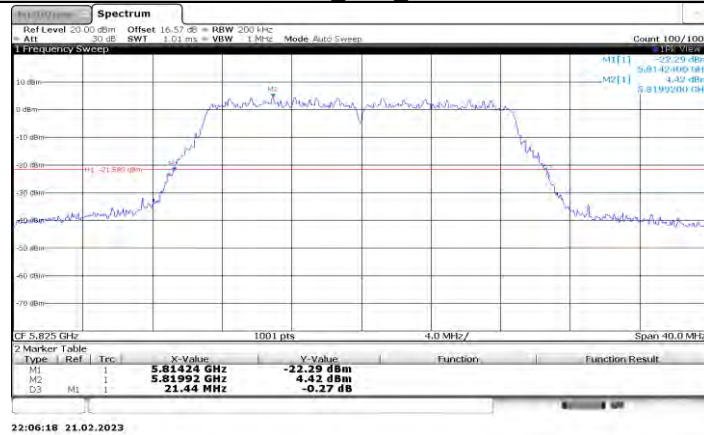
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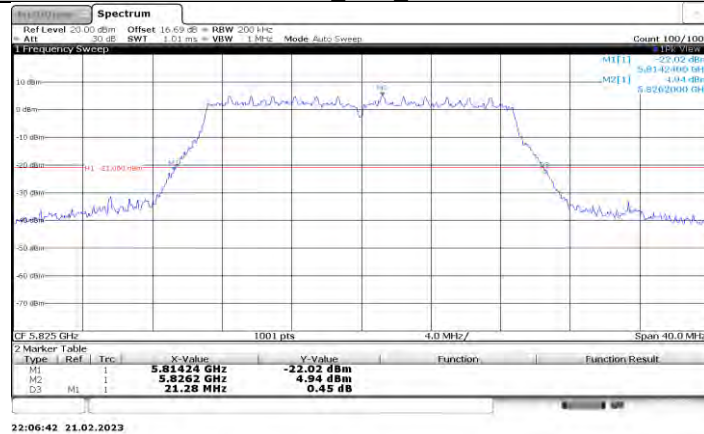
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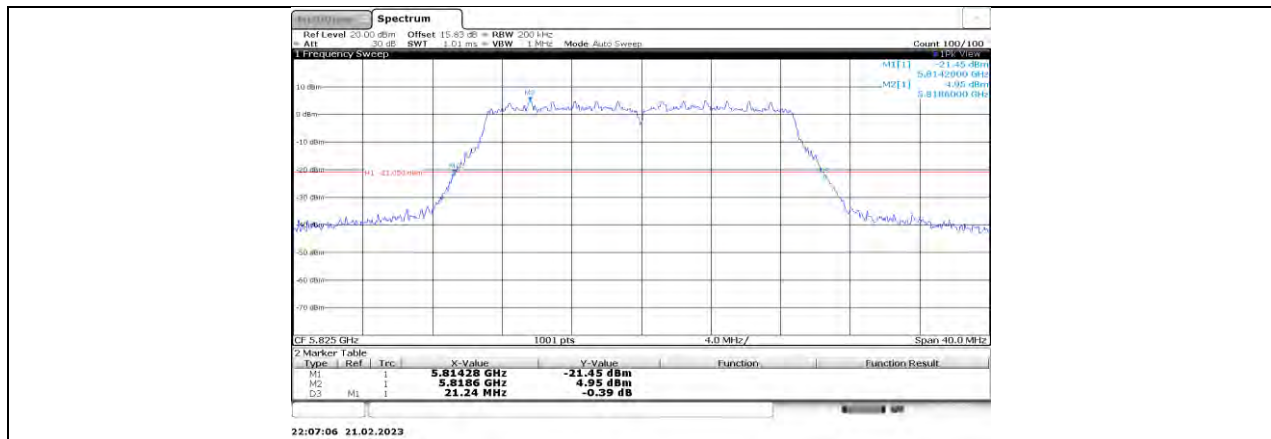
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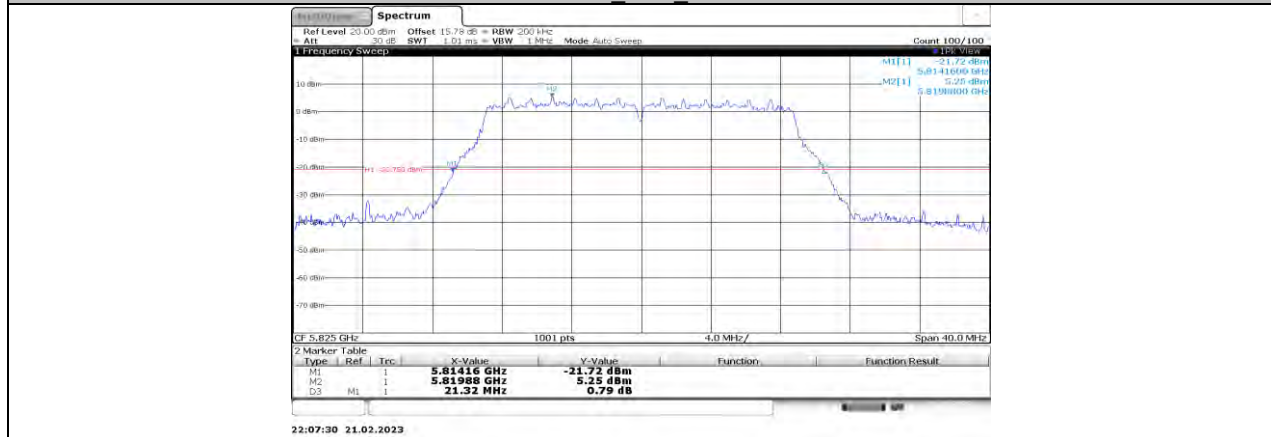
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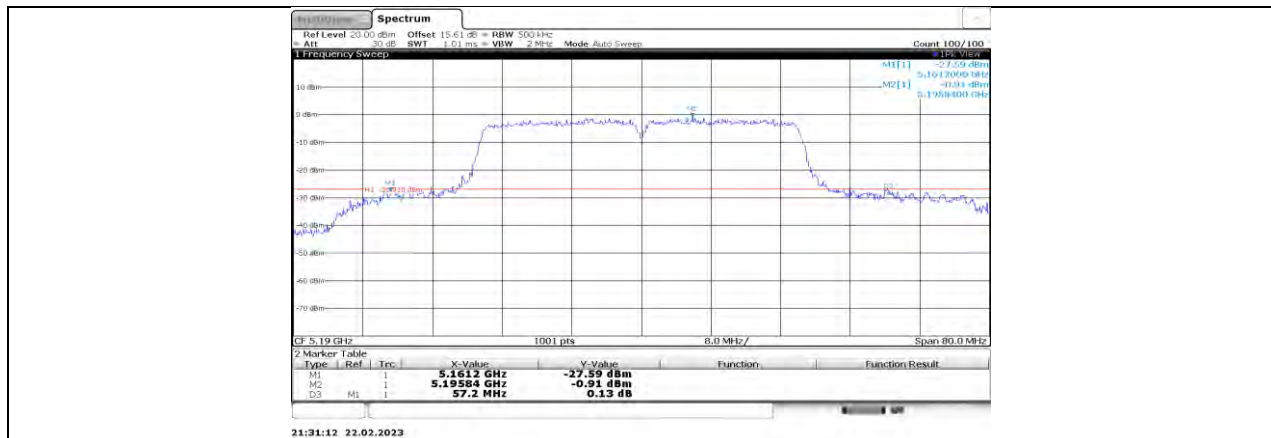
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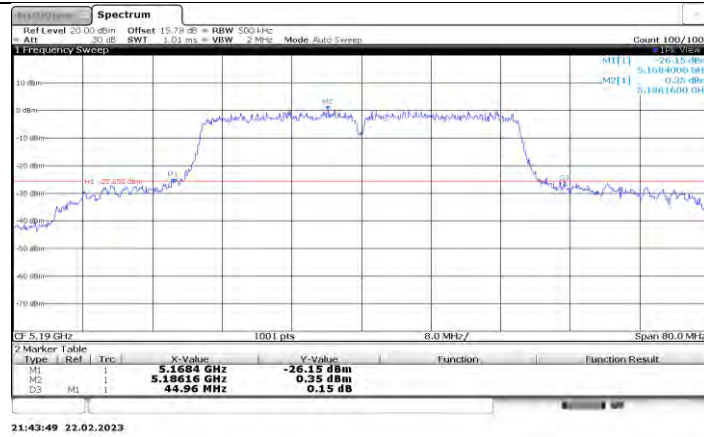
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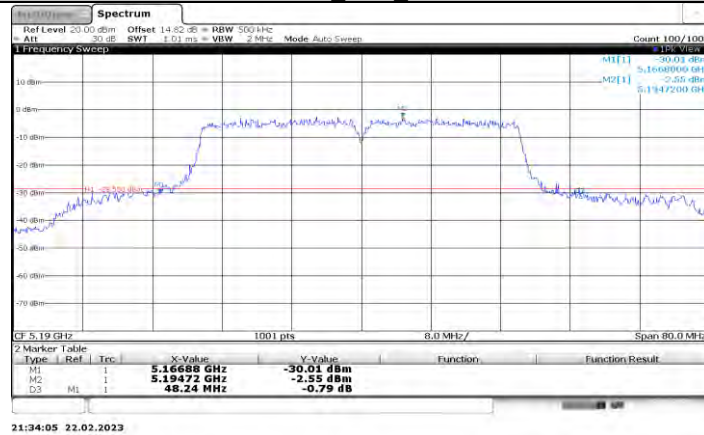
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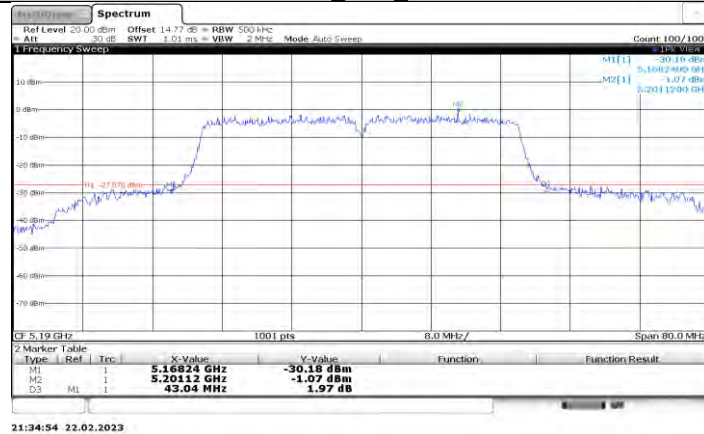
11N40 Ant1 5190



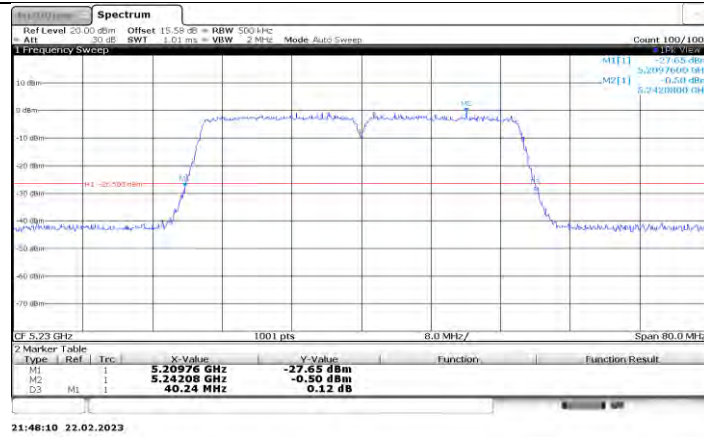
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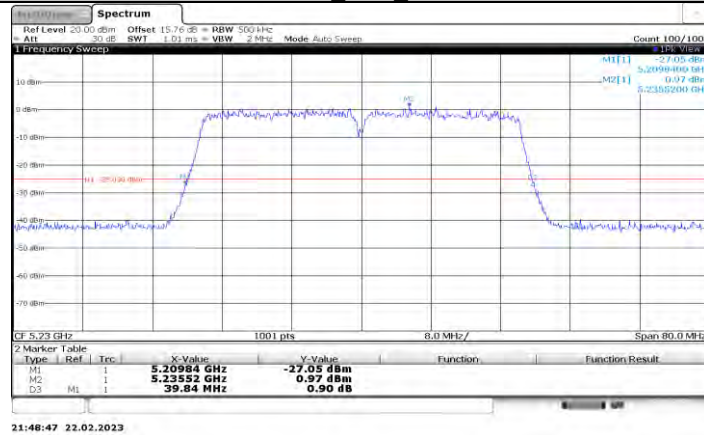
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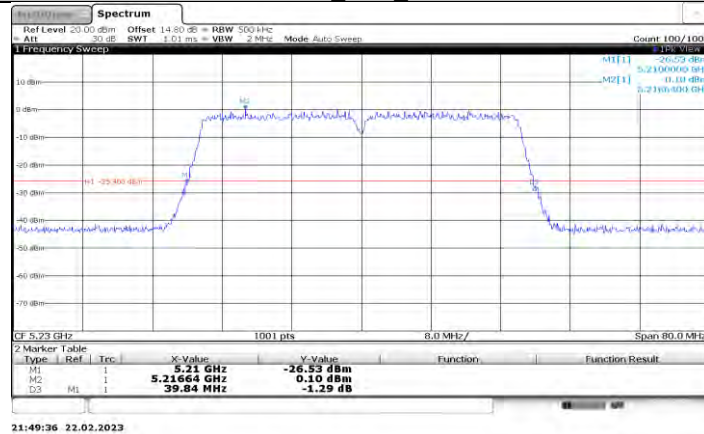
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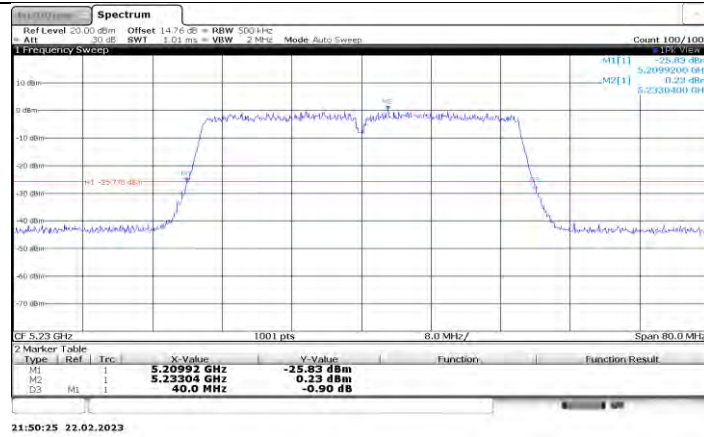
11N40_Ant1_5230



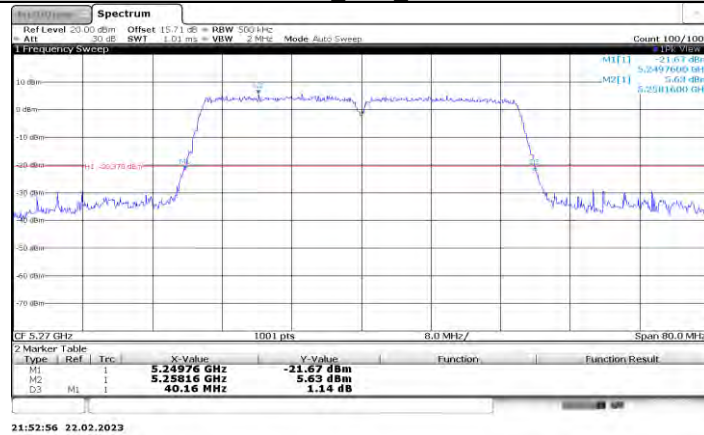
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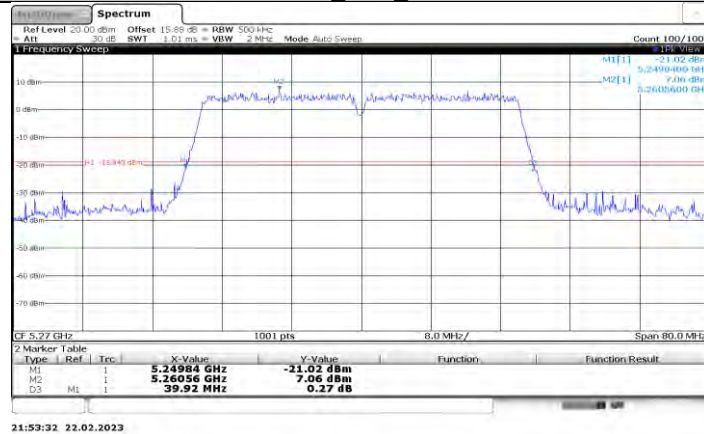
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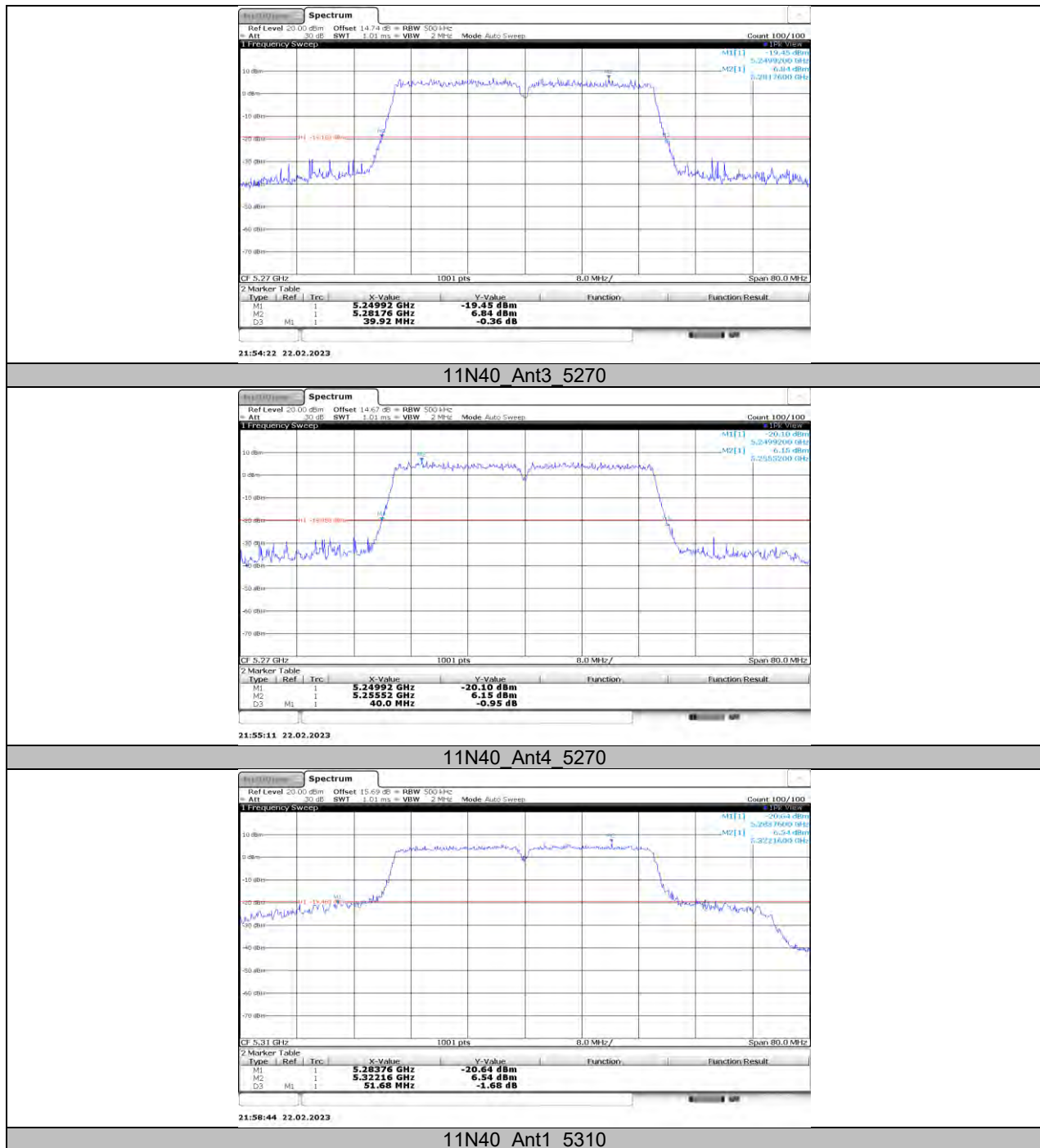
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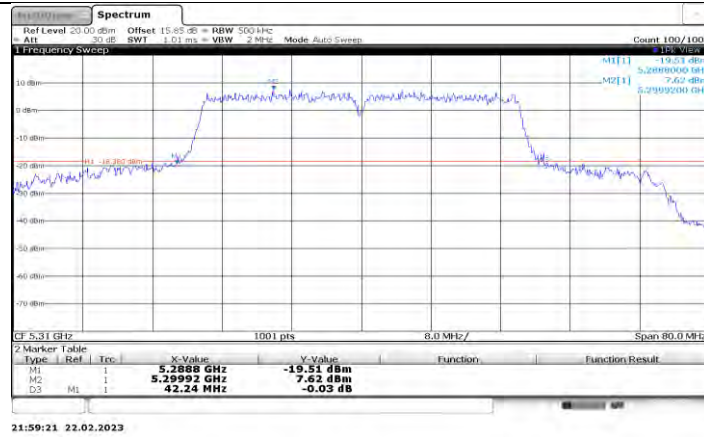


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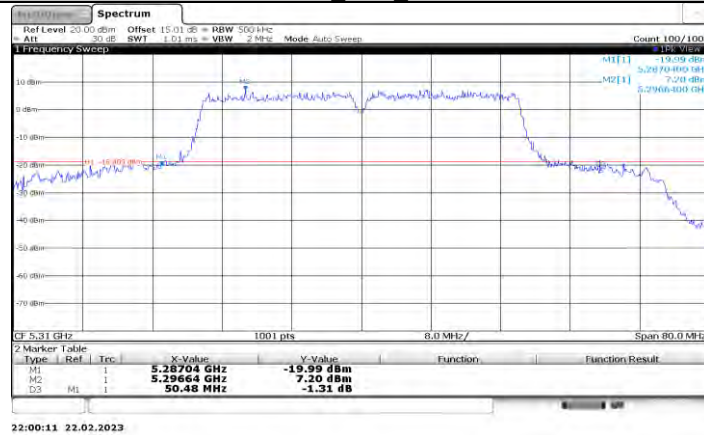


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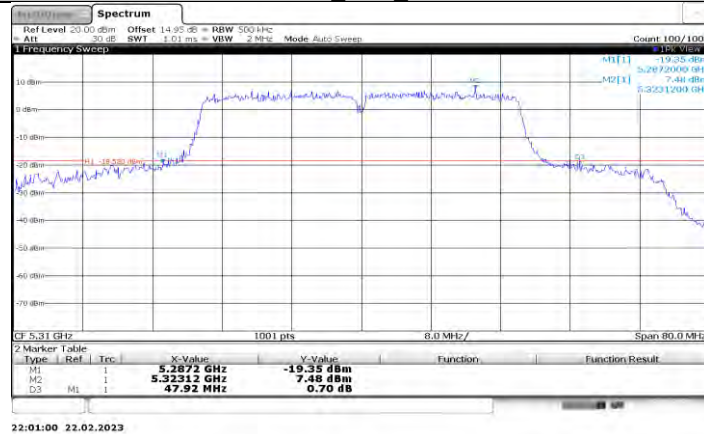




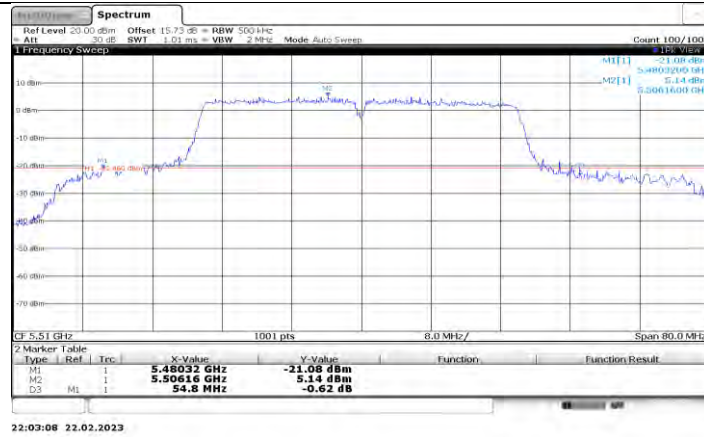
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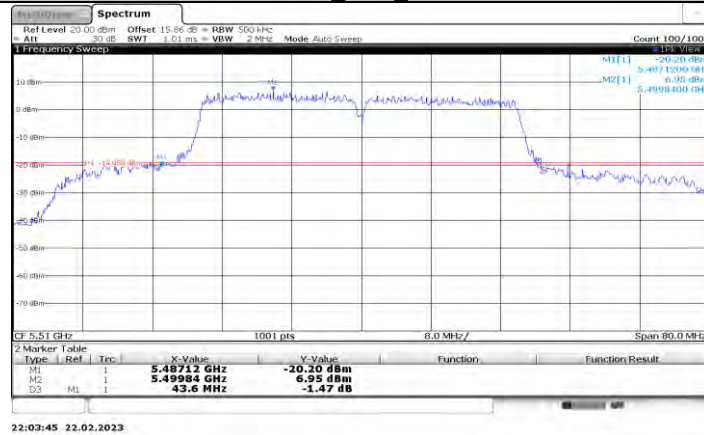
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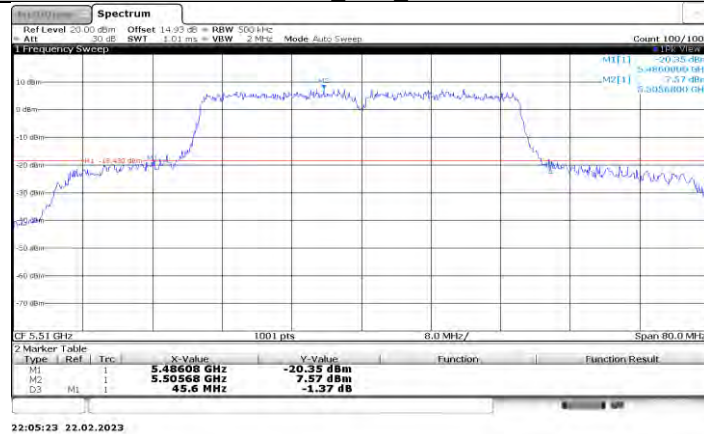
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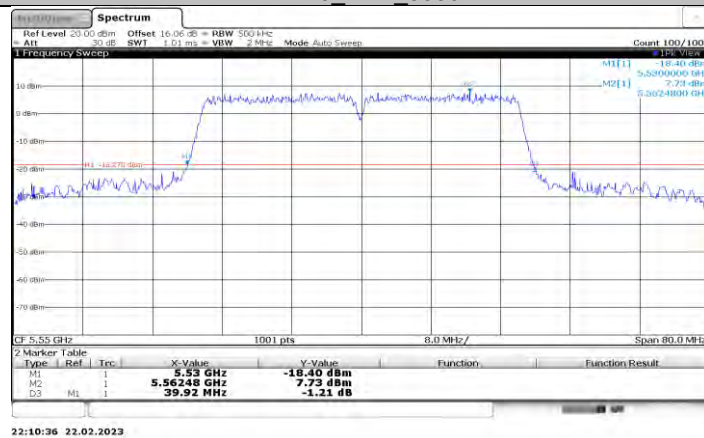
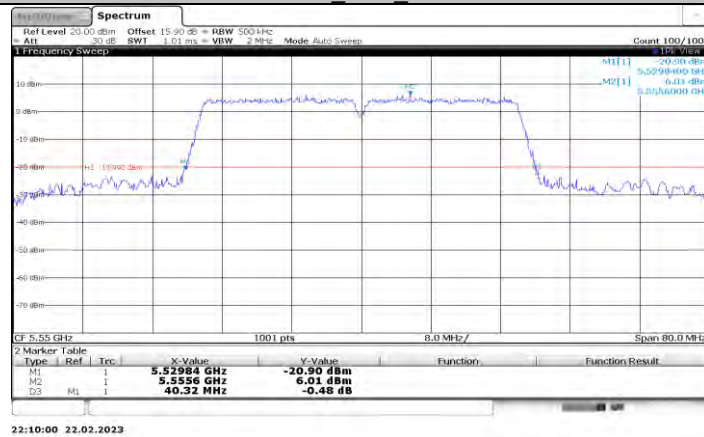
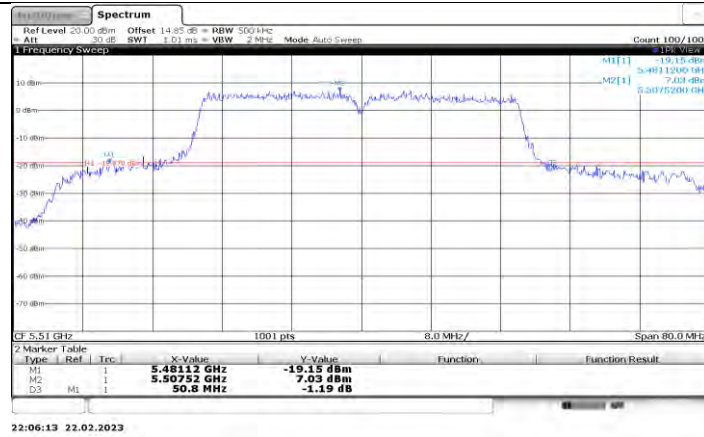
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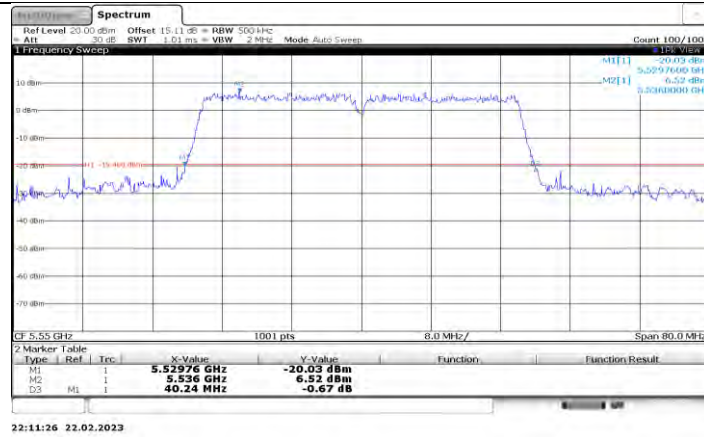


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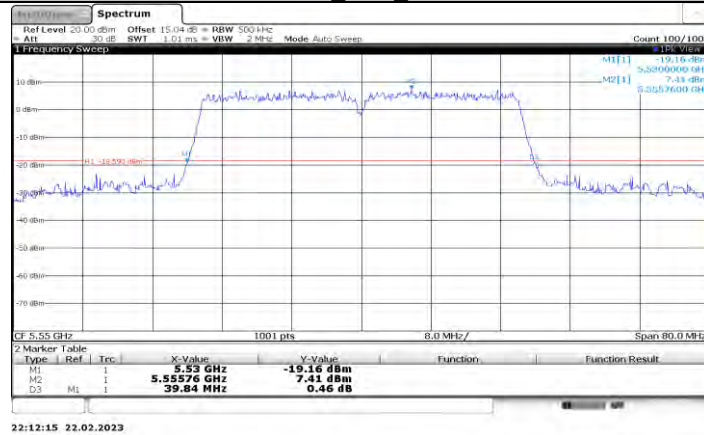


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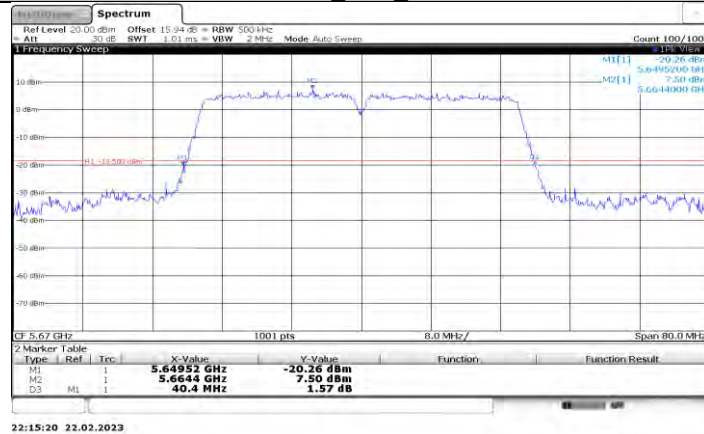




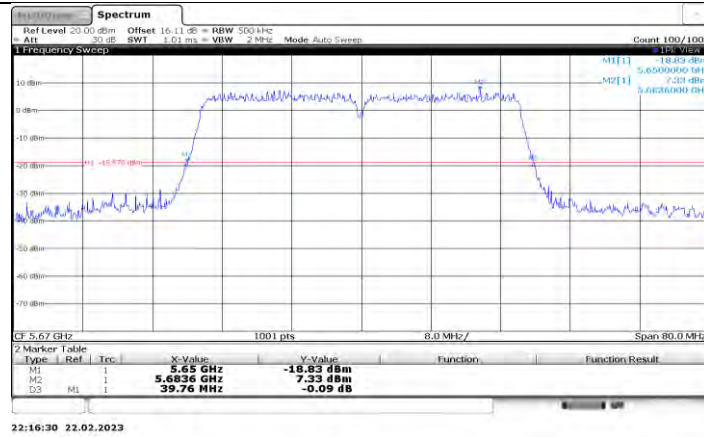
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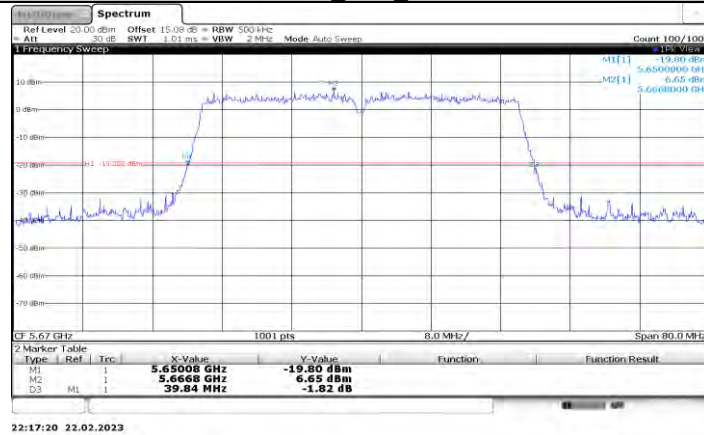
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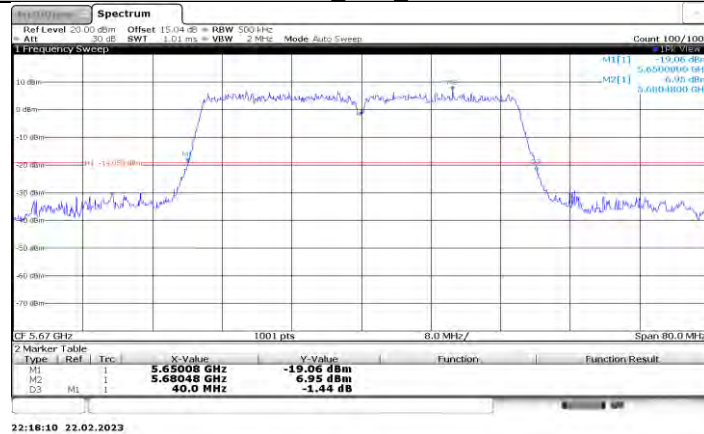
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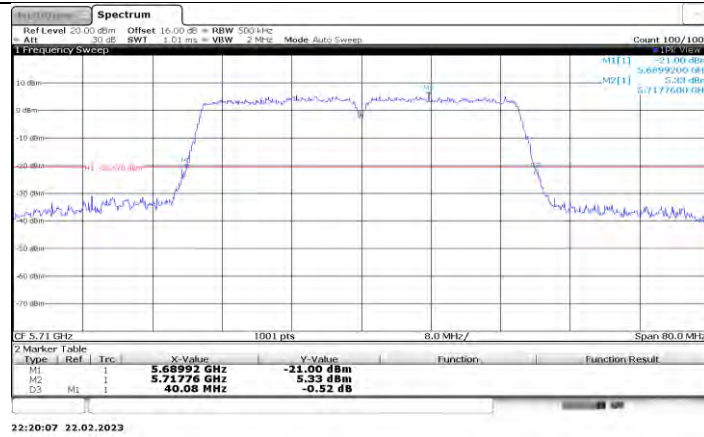
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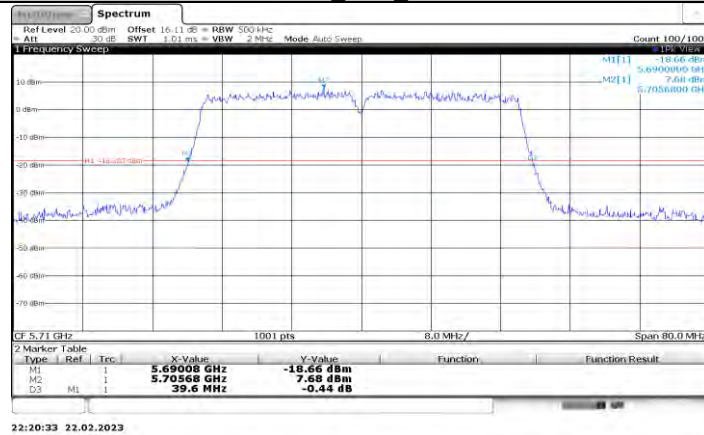
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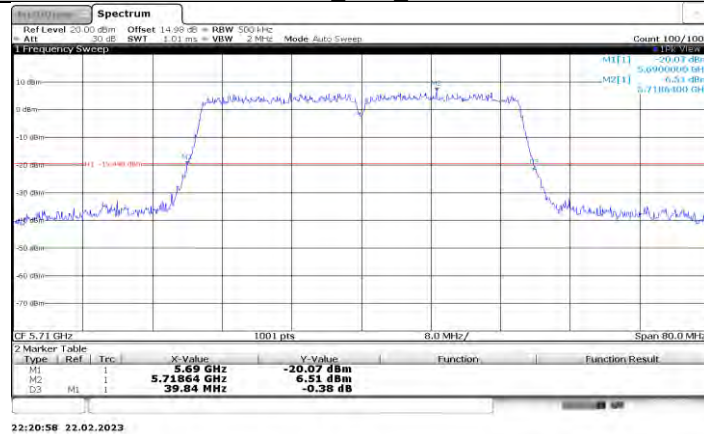
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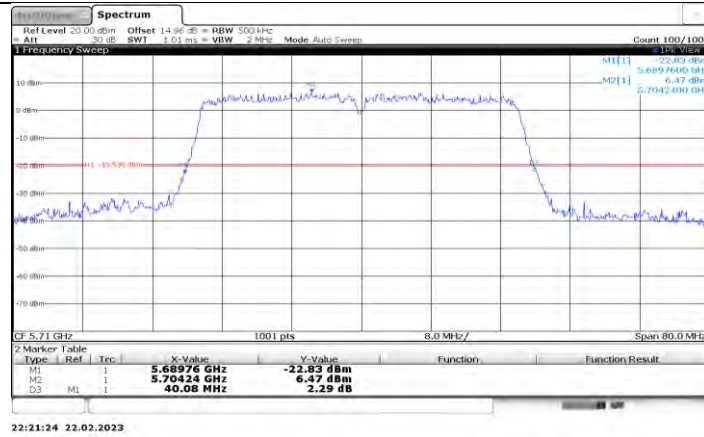
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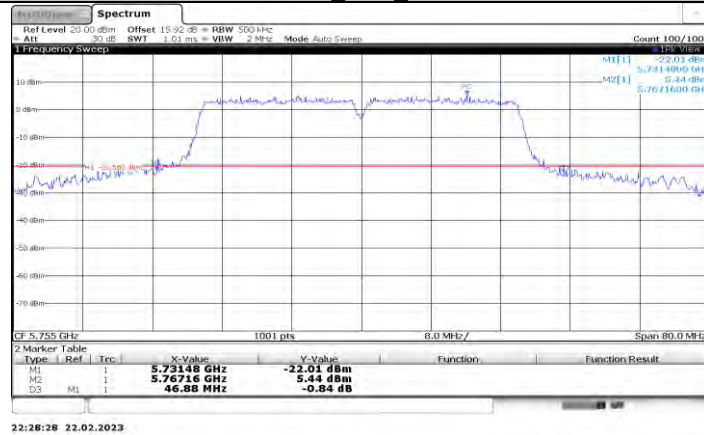
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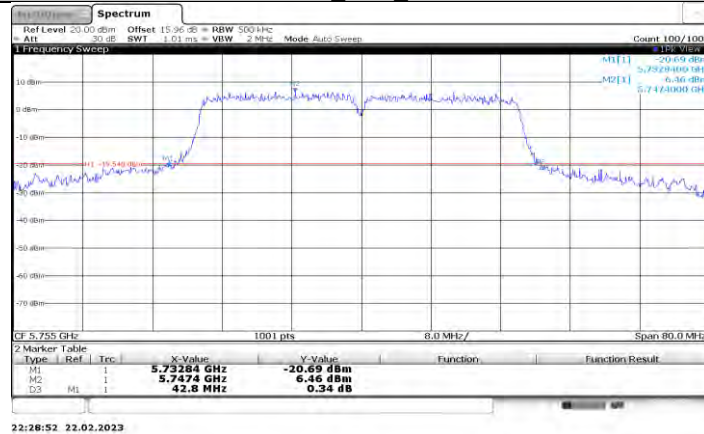
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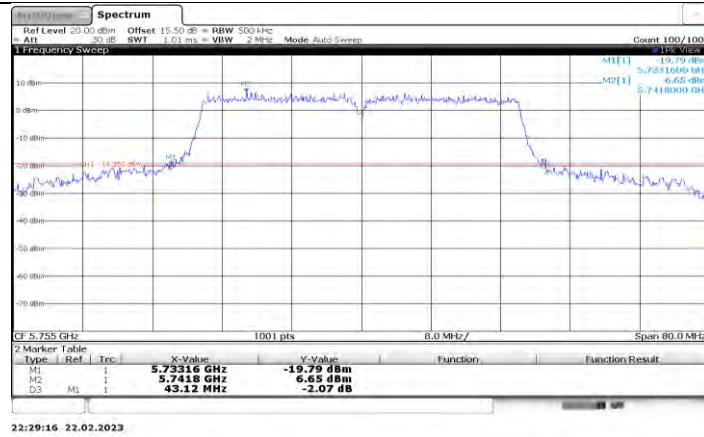
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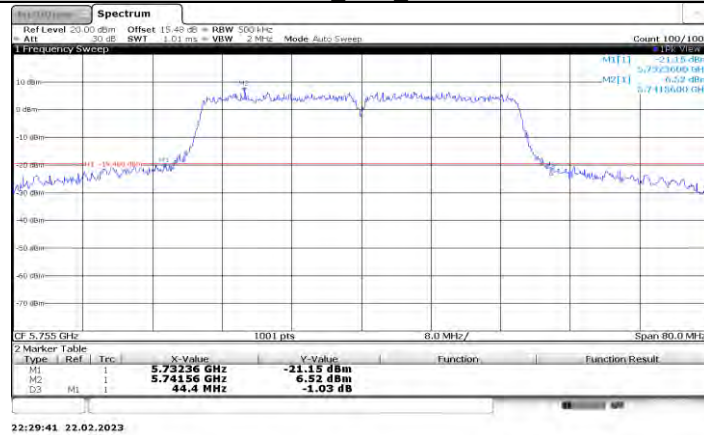
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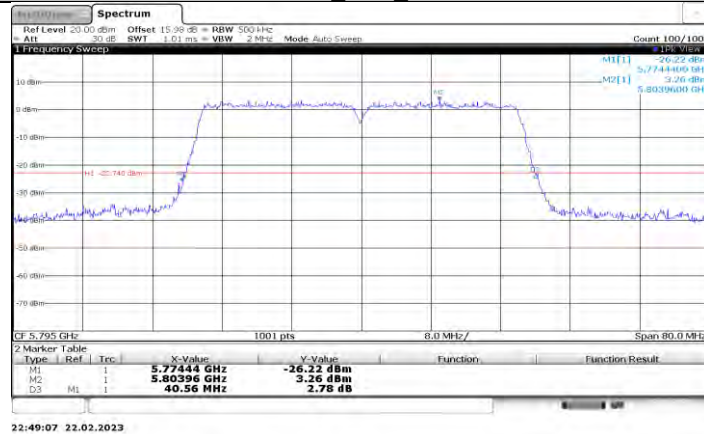
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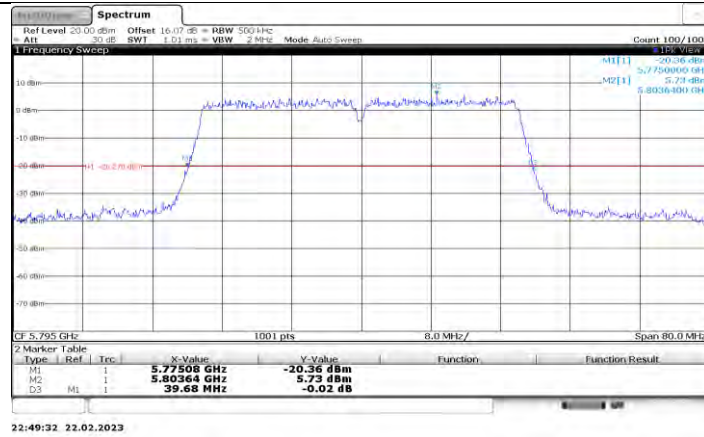
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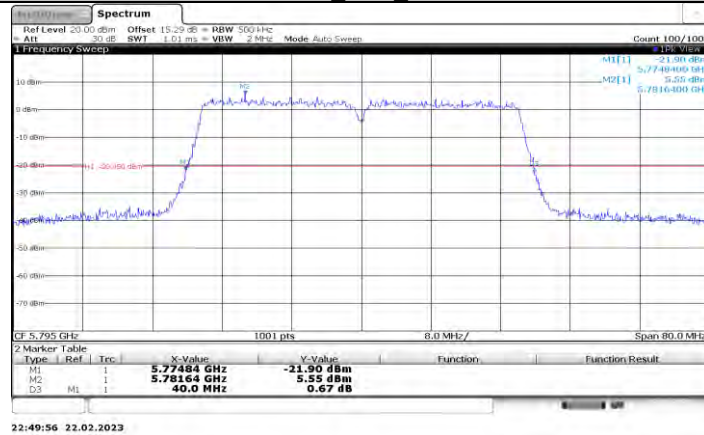
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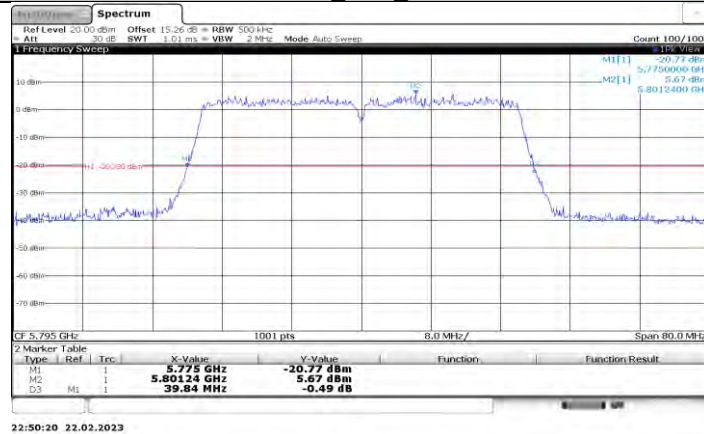
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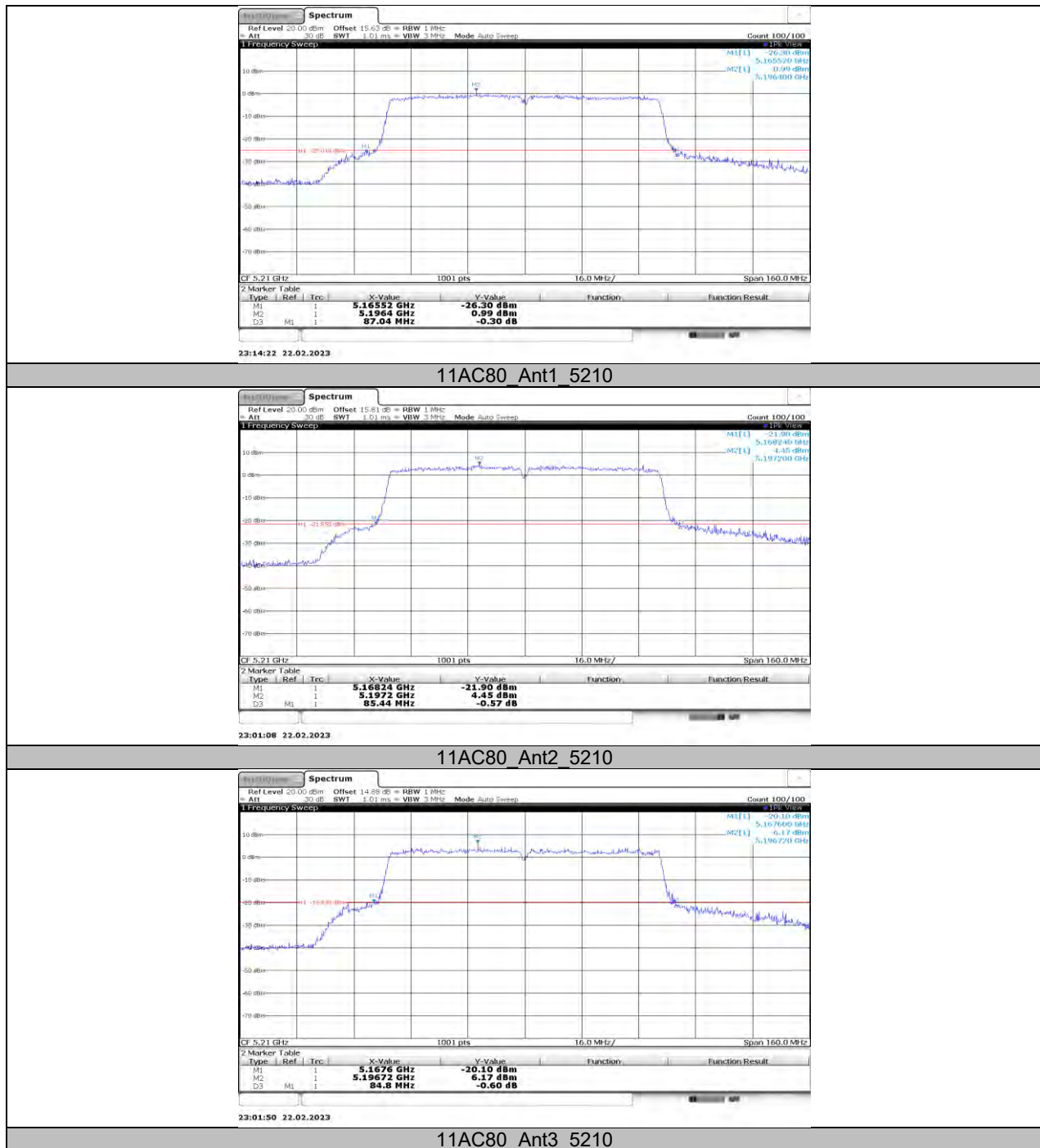
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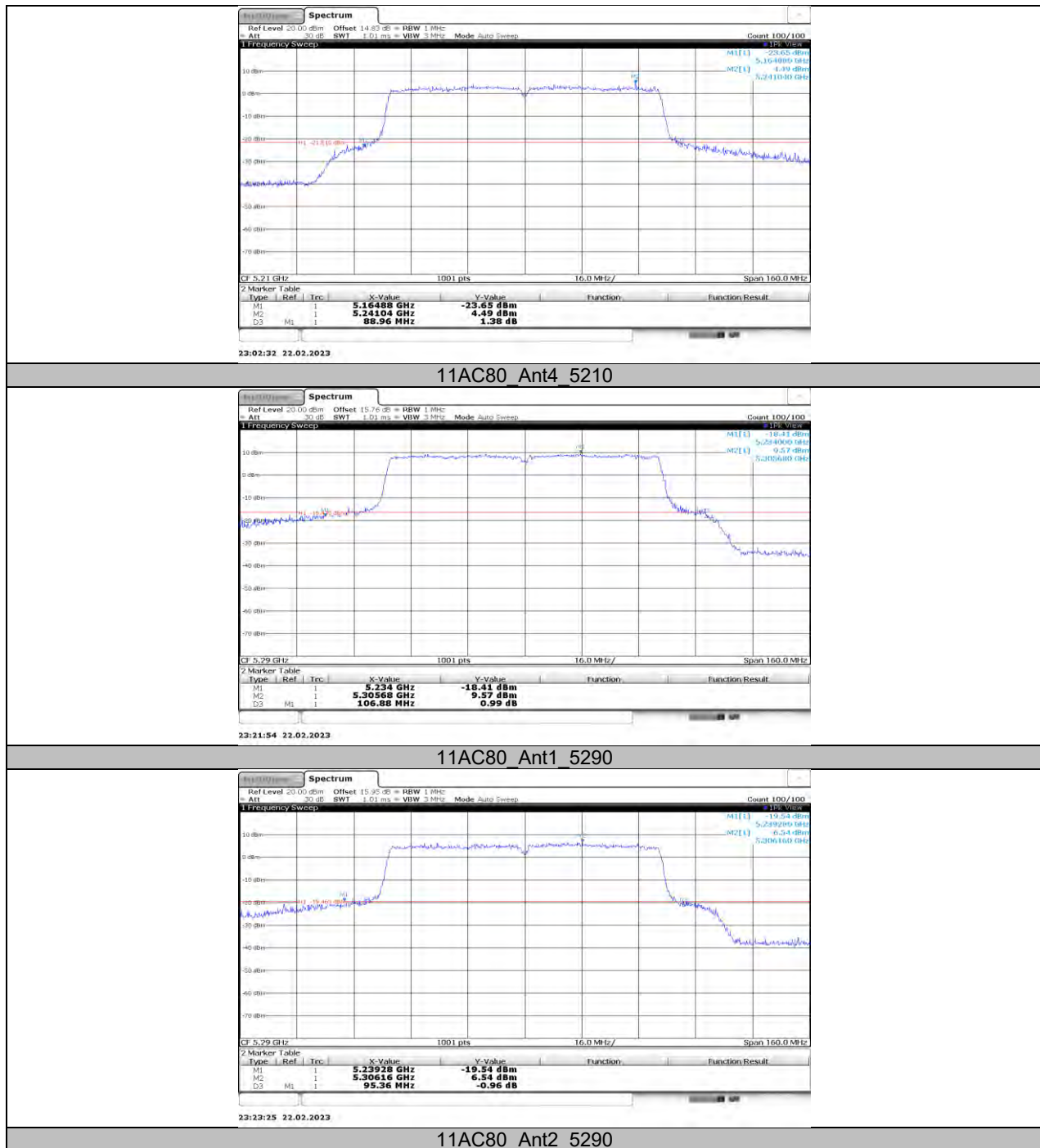


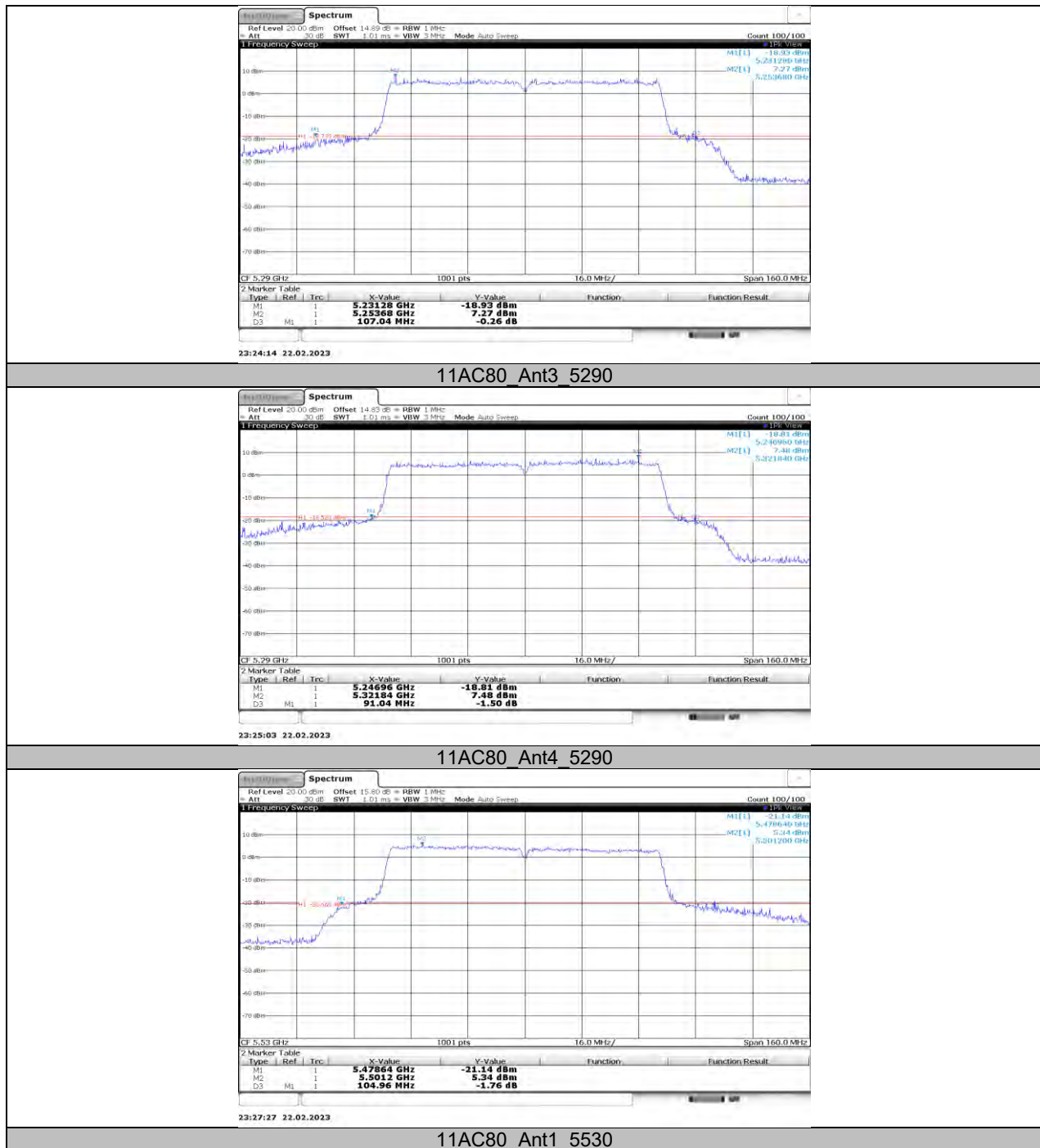
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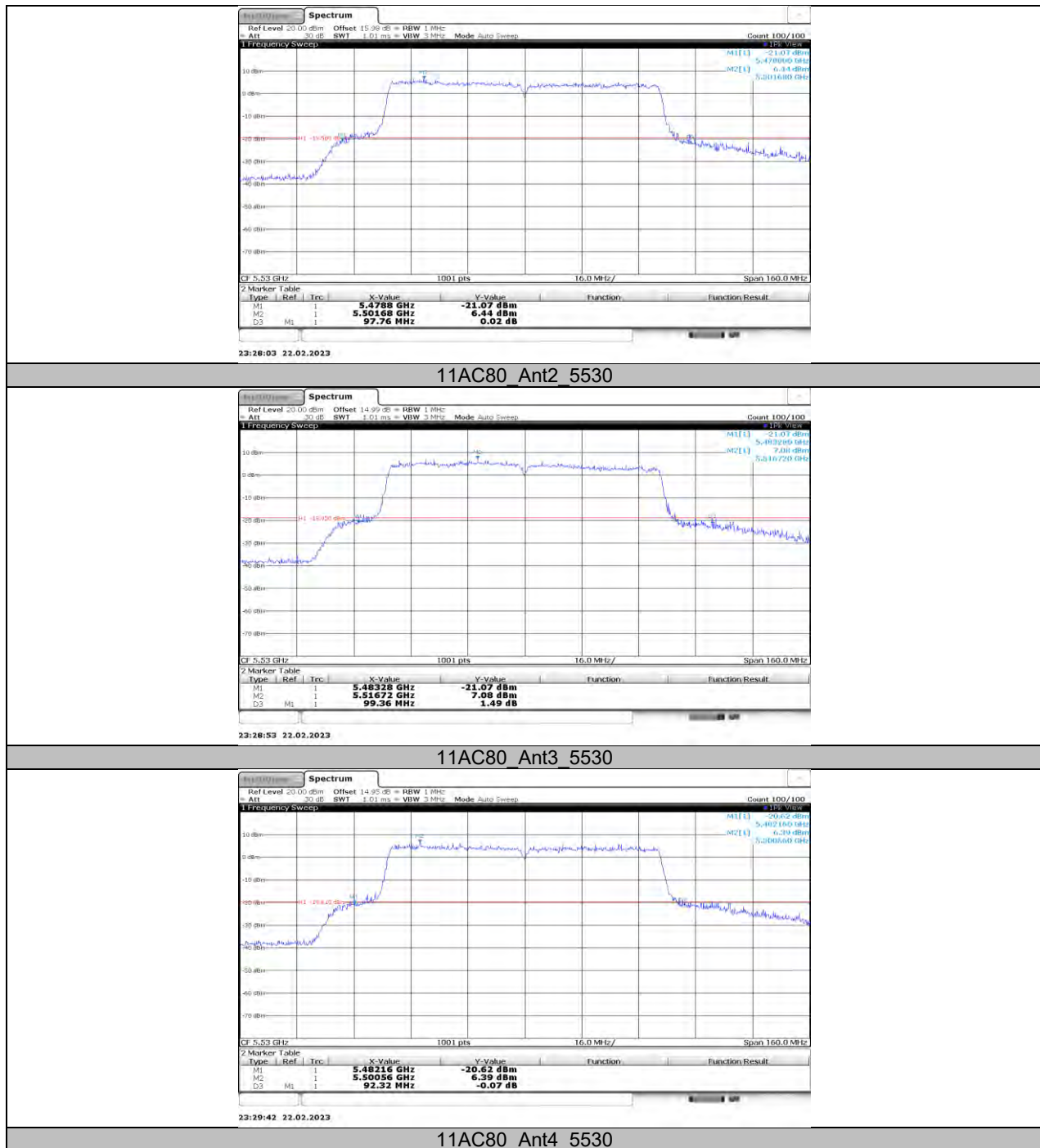


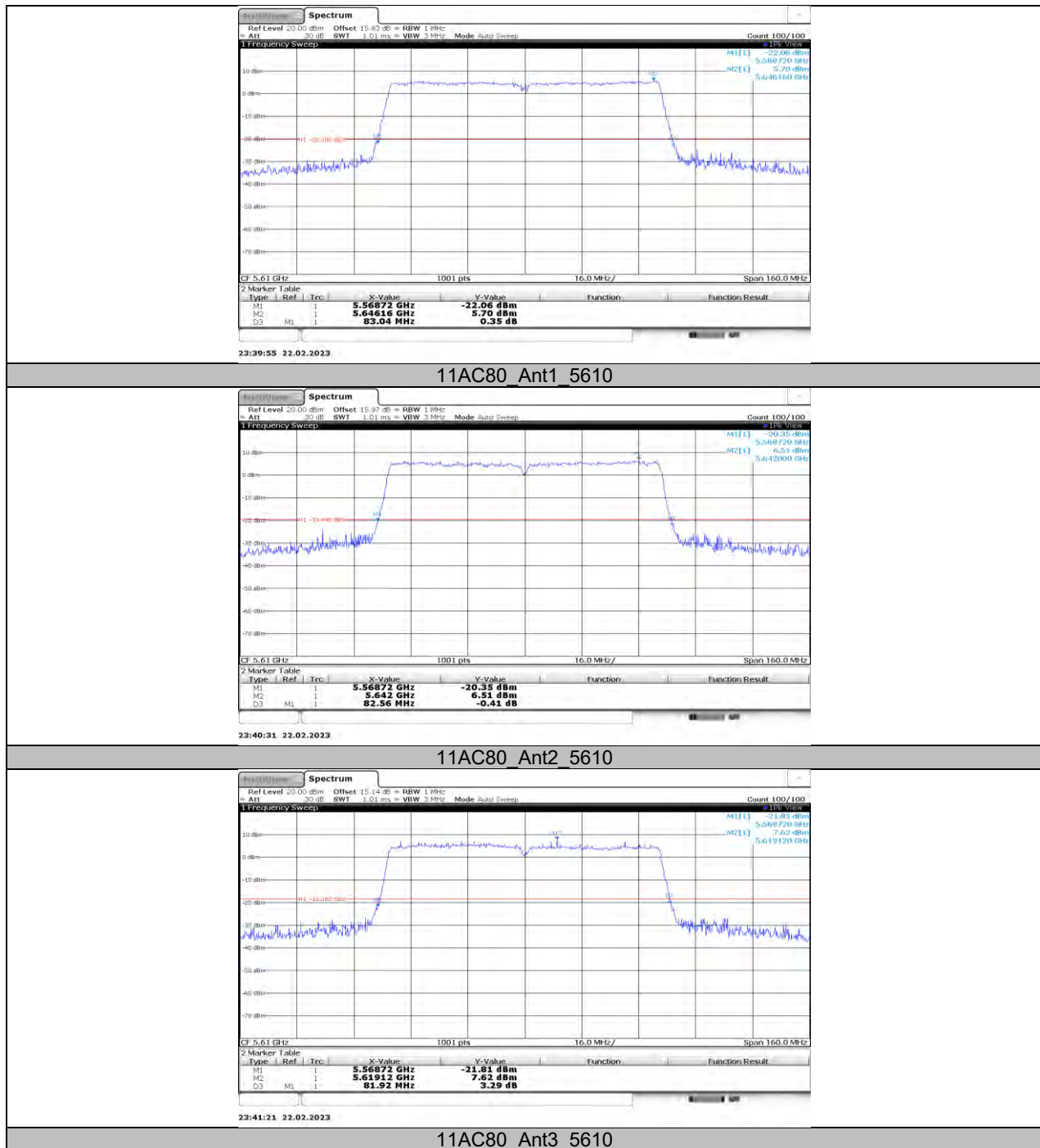
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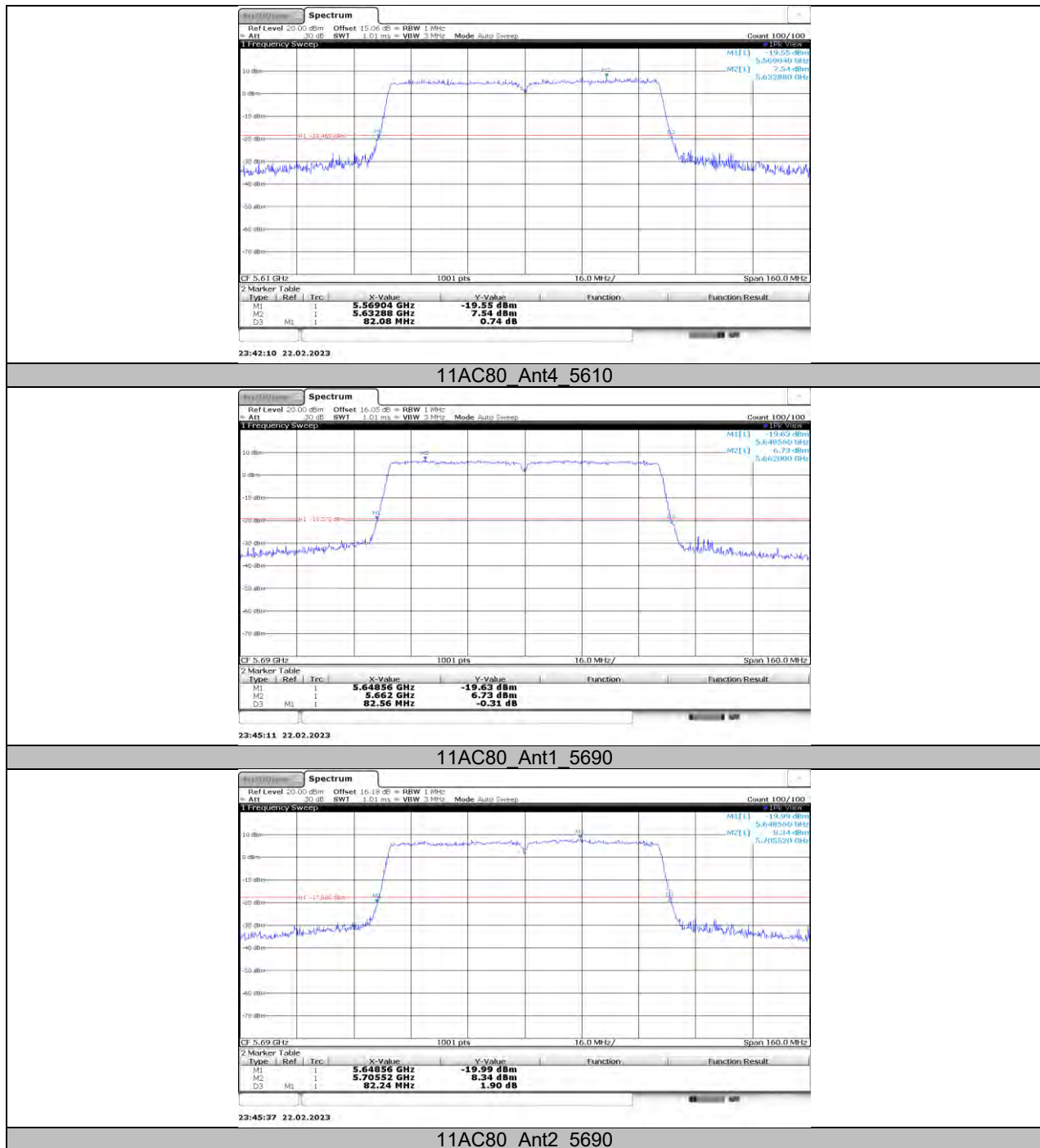


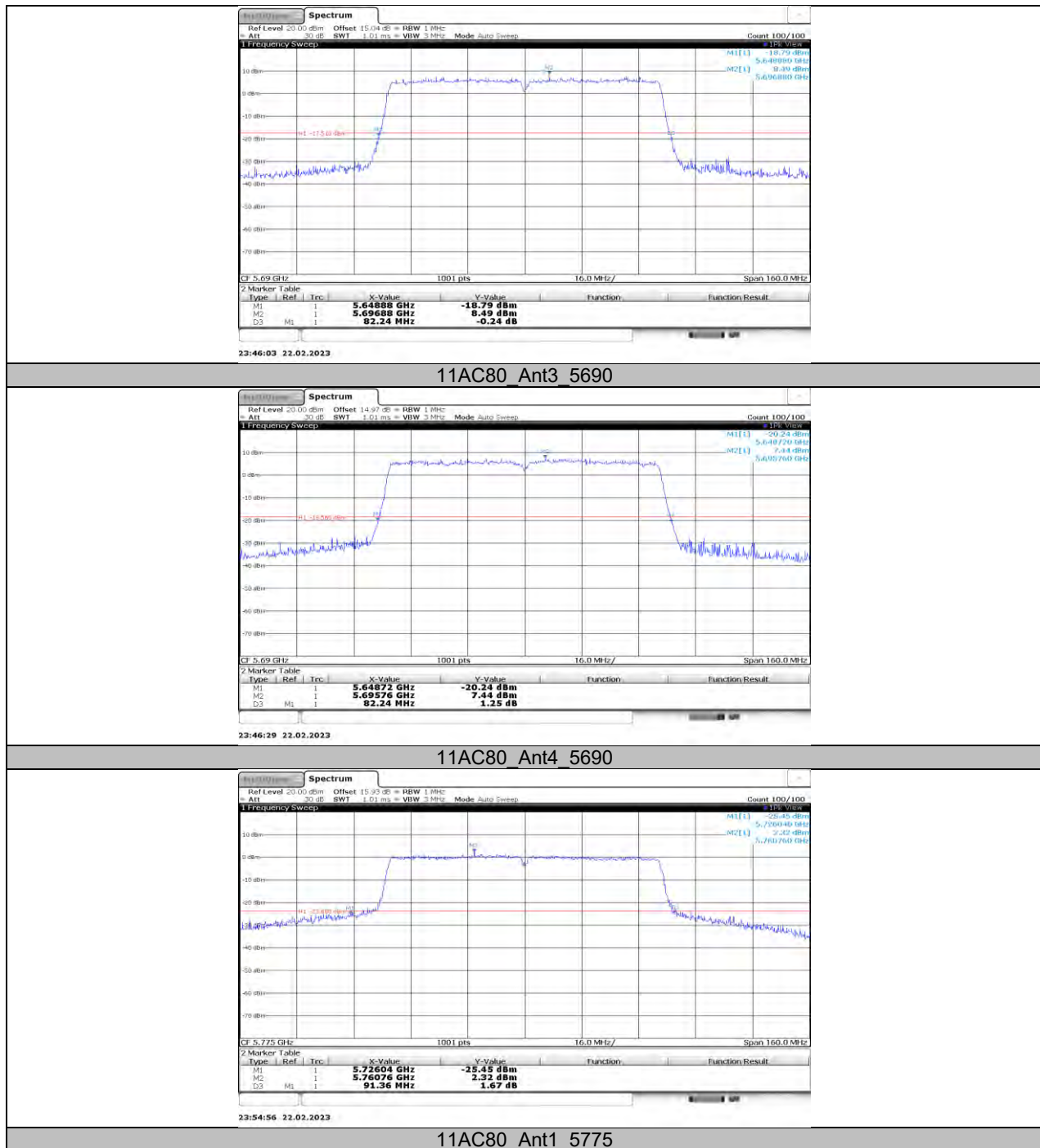


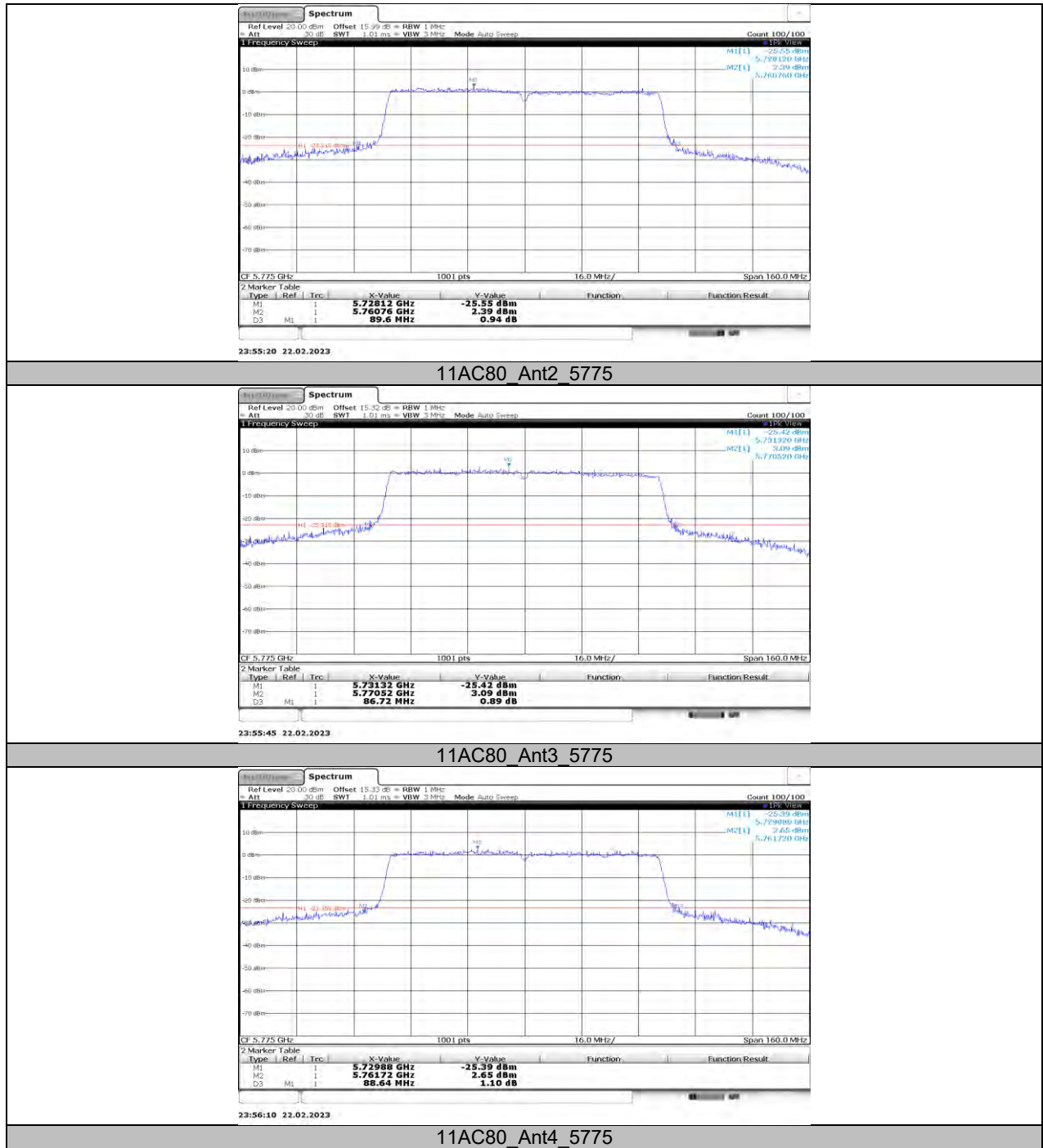


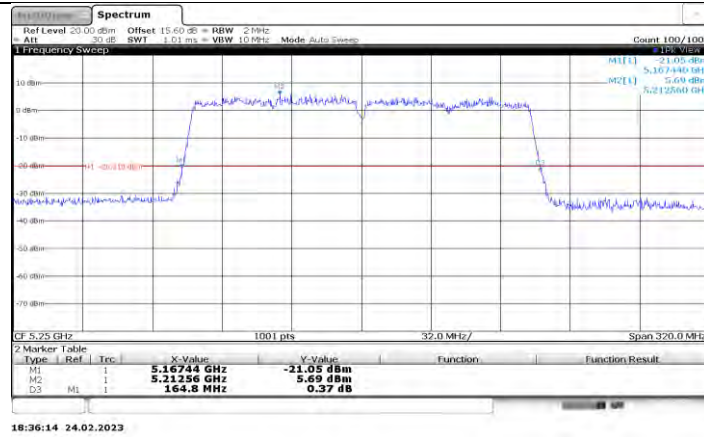




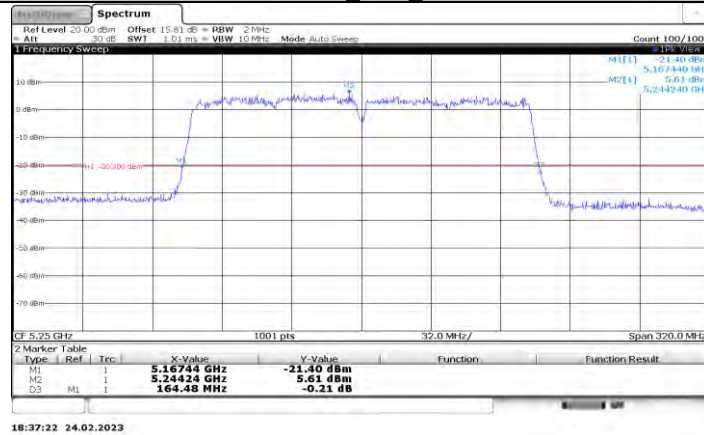




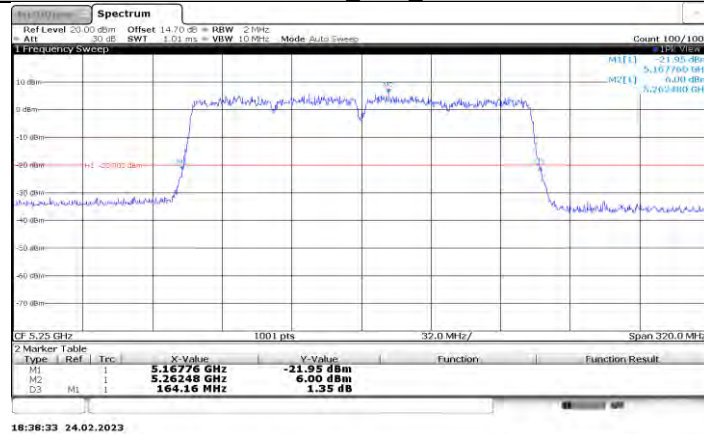




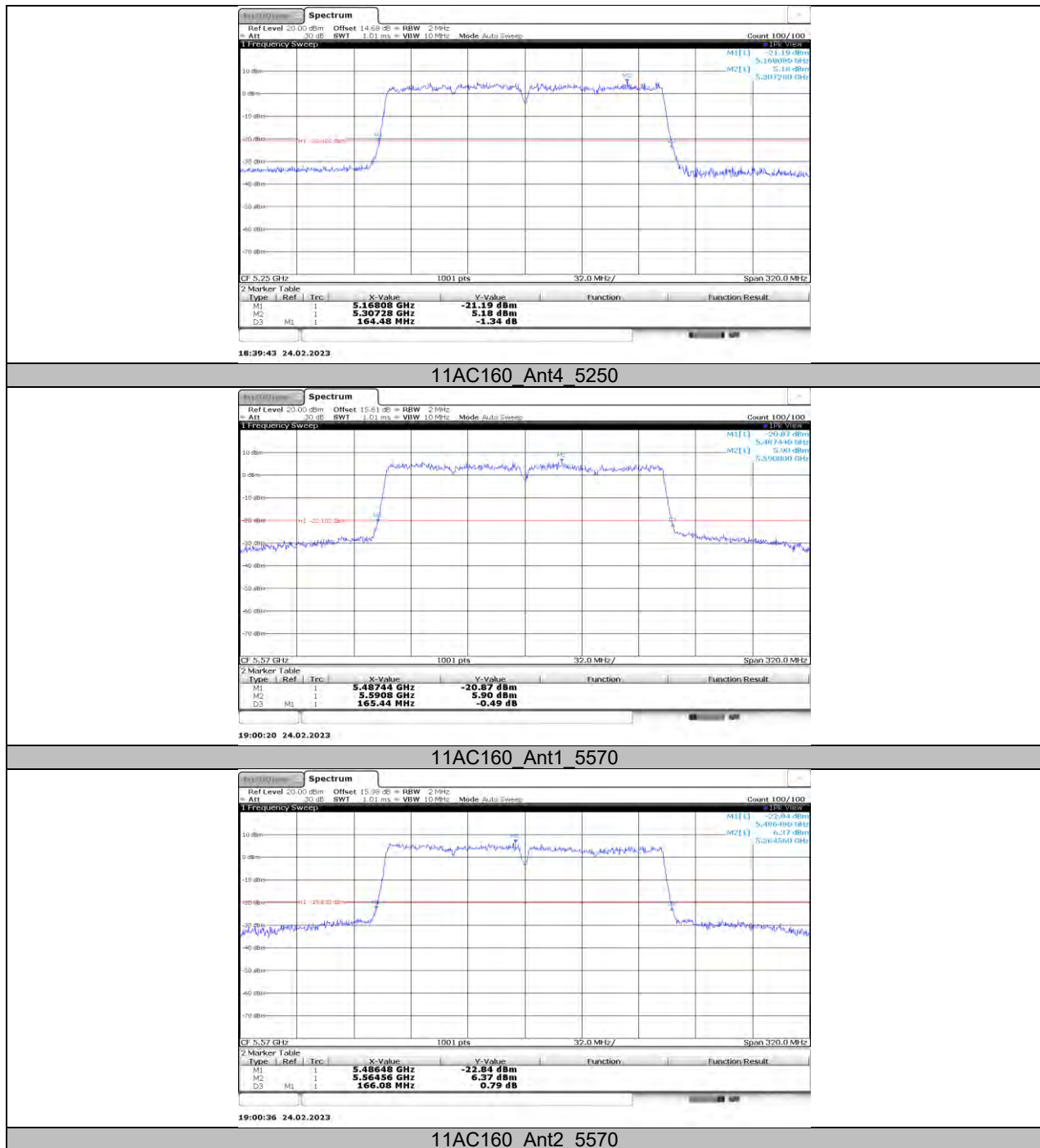
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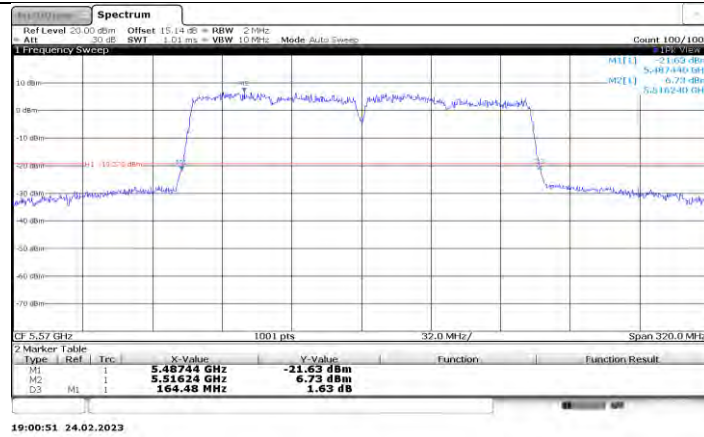


11AC160_Ant2_5250

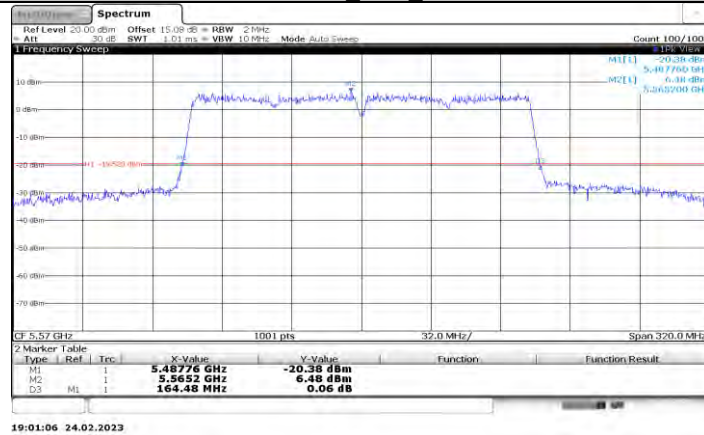


11AC160_Ant3_5250

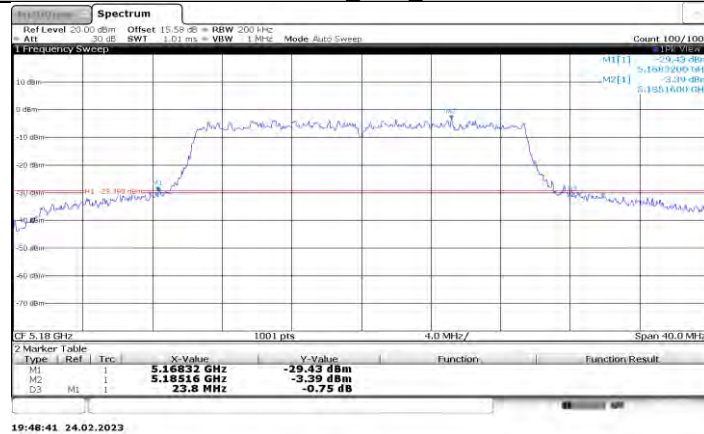




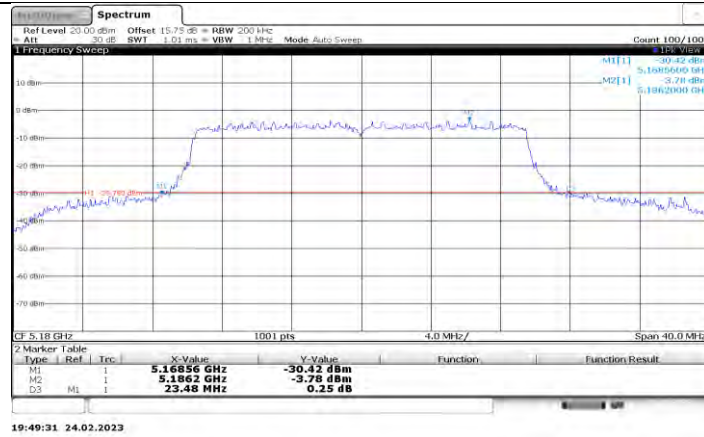
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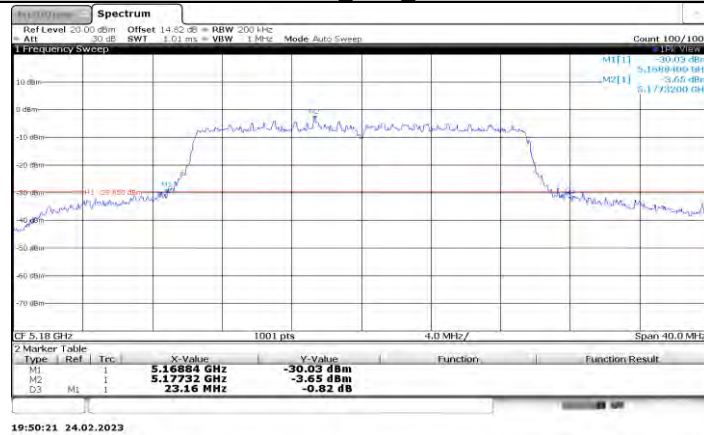
11AC160_Ant4_5570



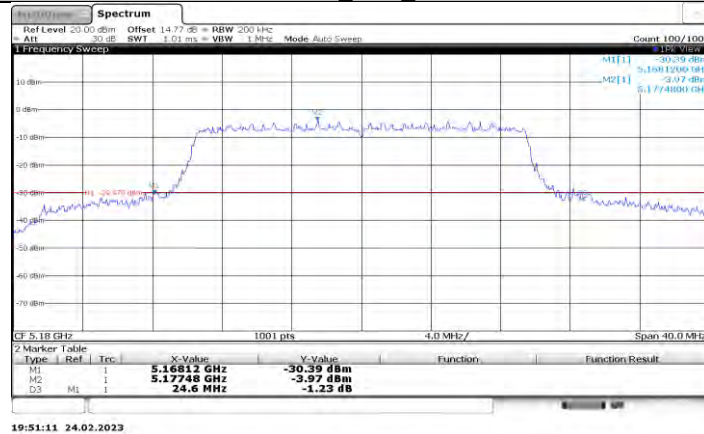
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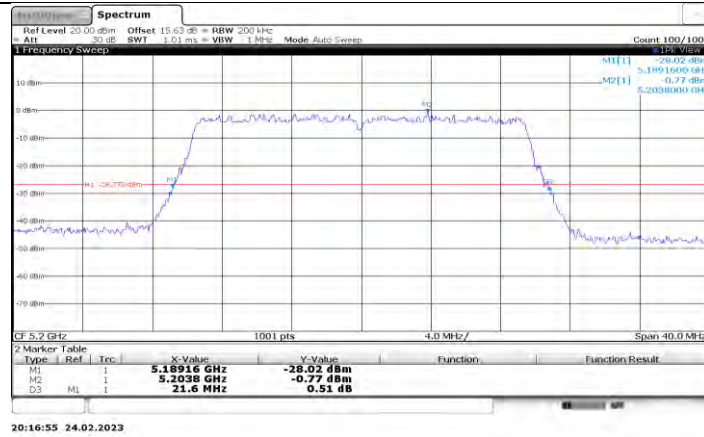
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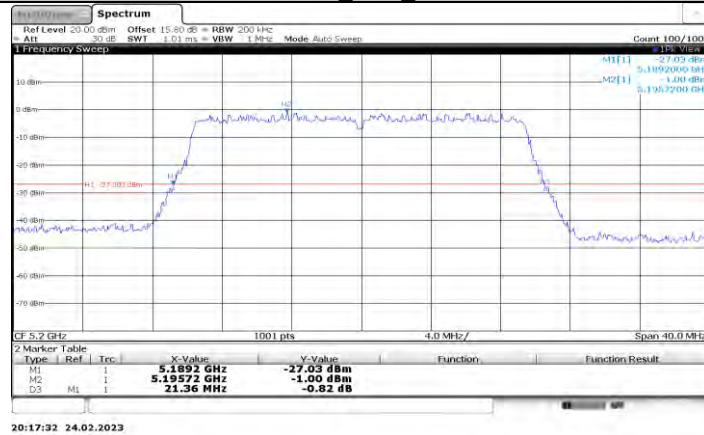
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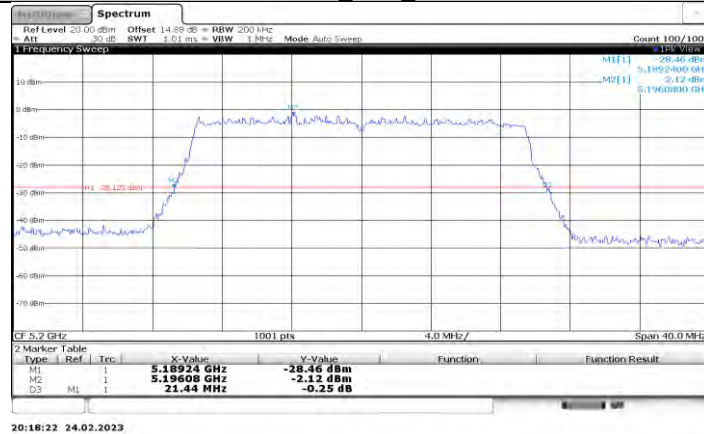
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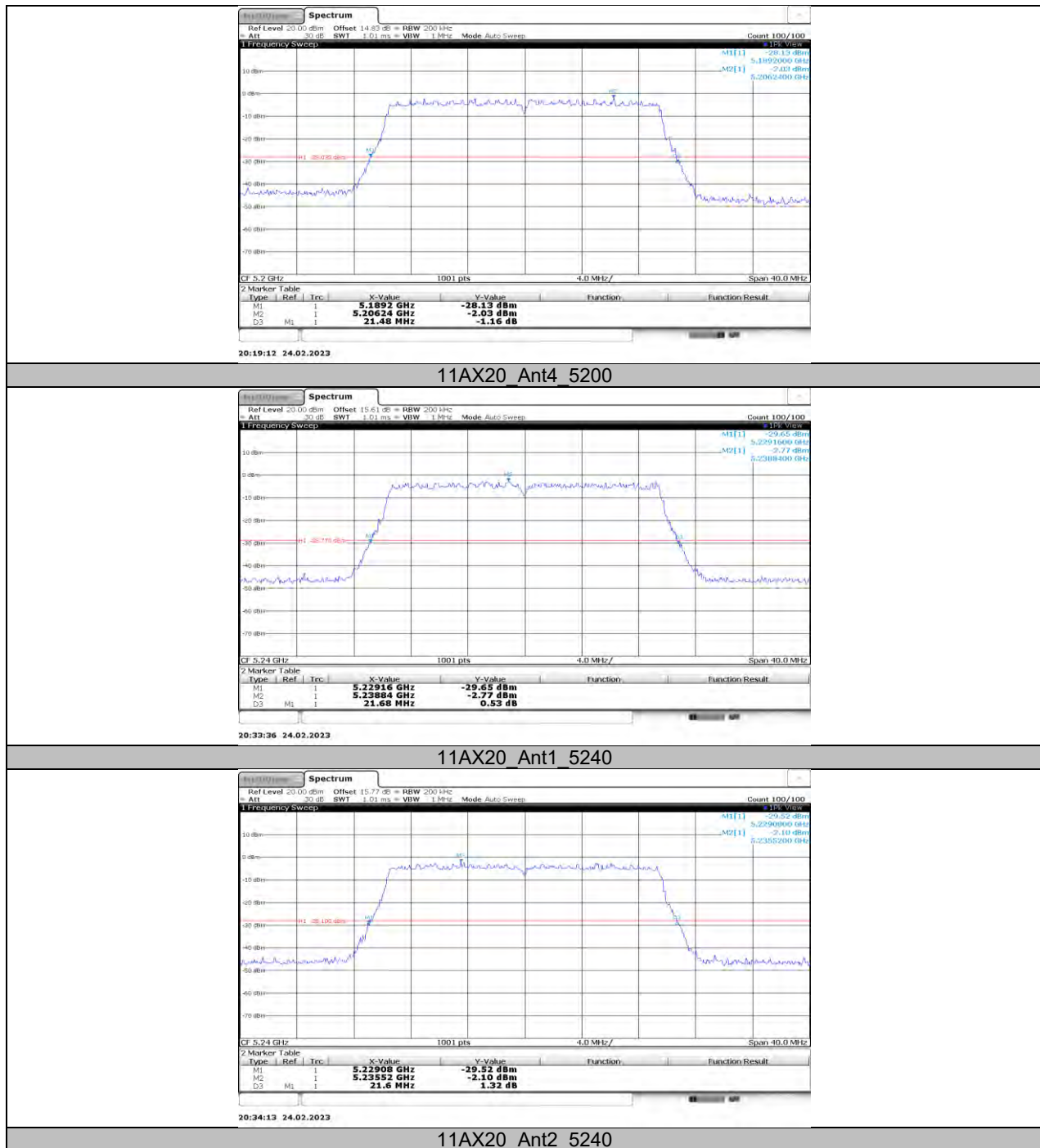
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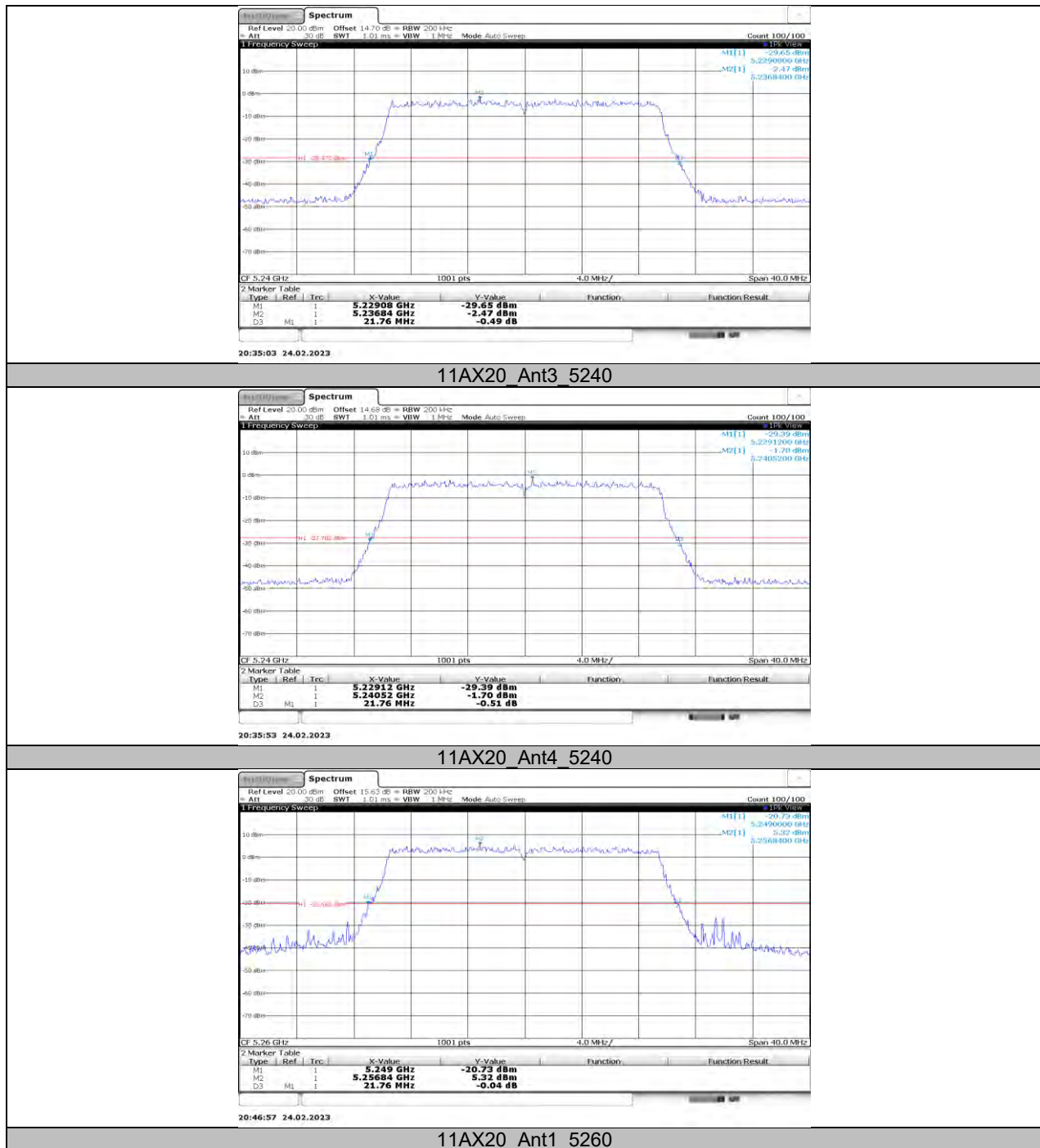


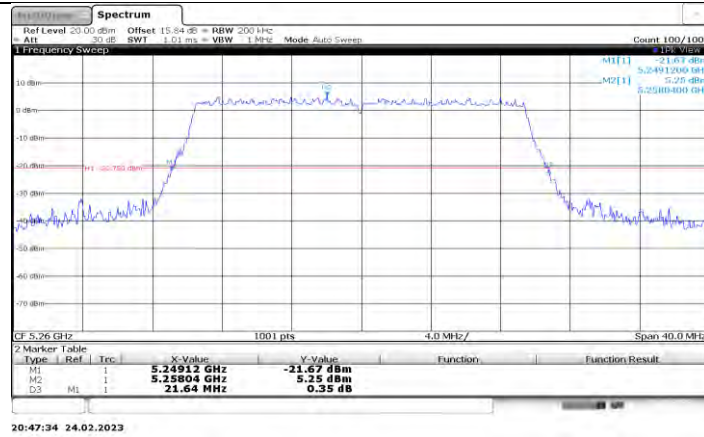
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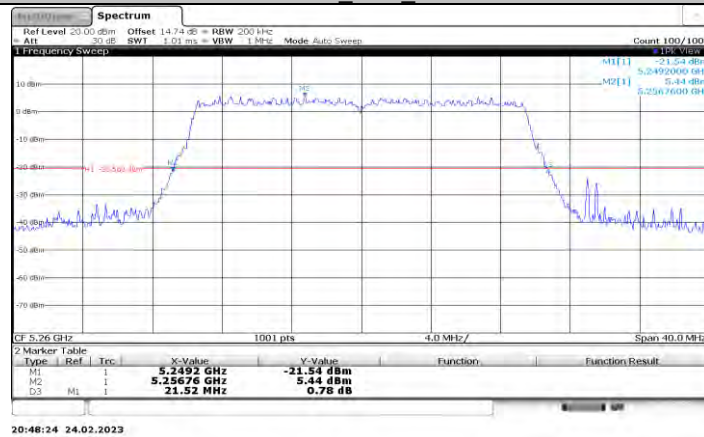
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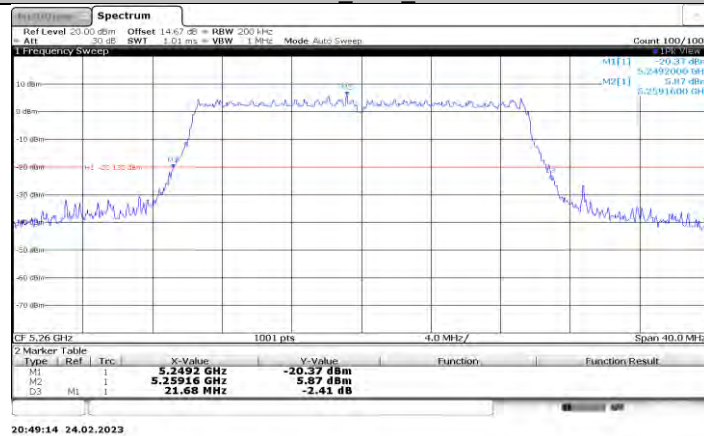




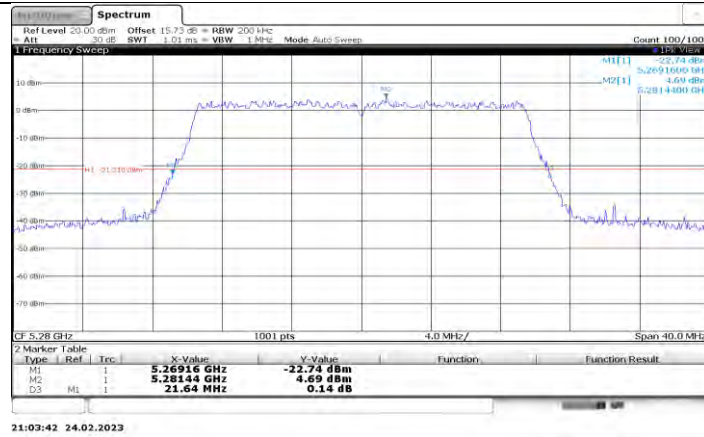
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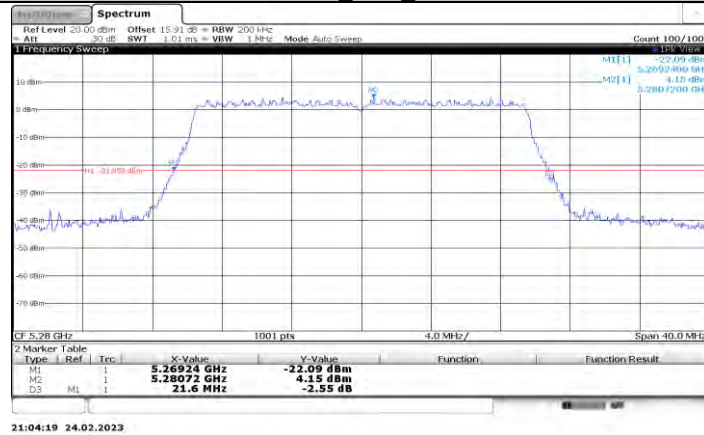
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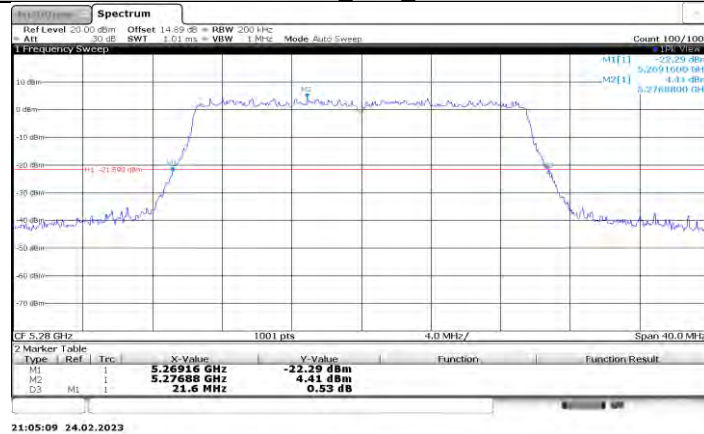
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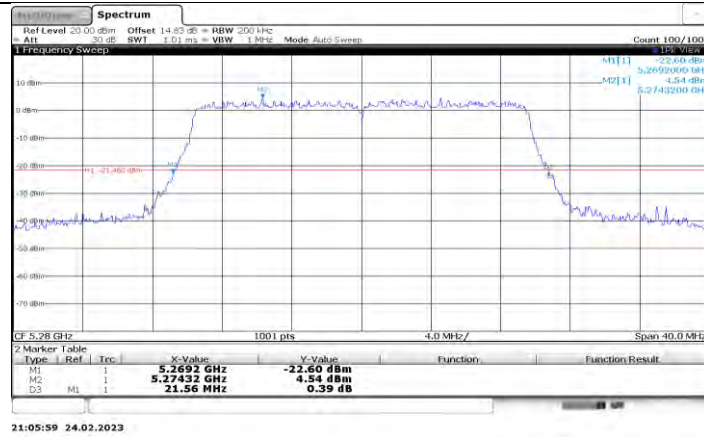
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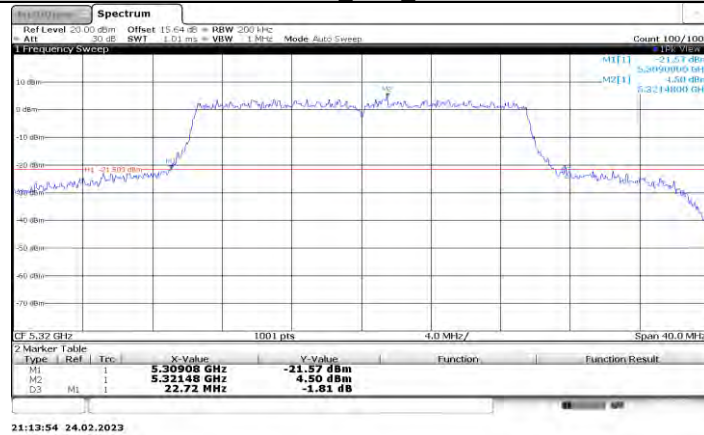
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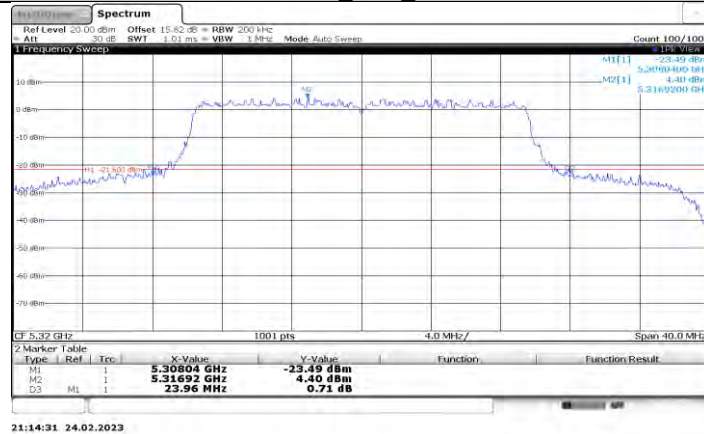
11AX20_Ant3_5280



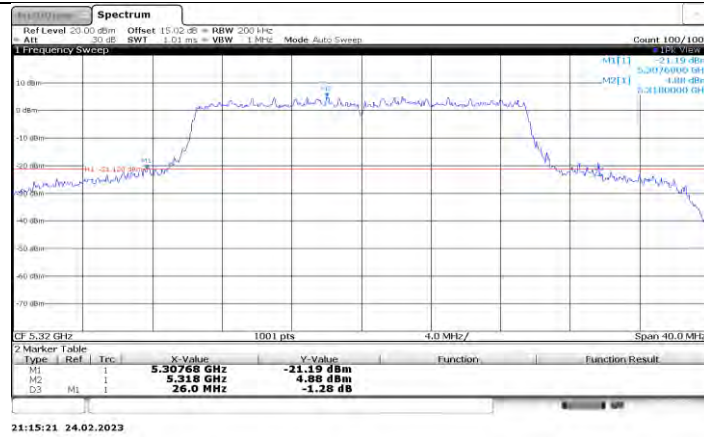
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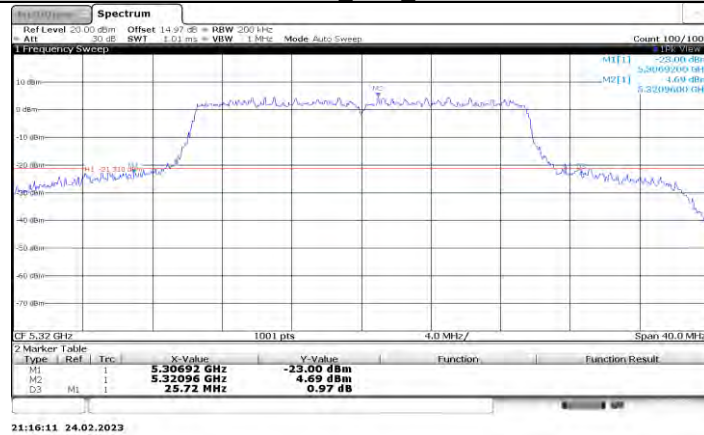
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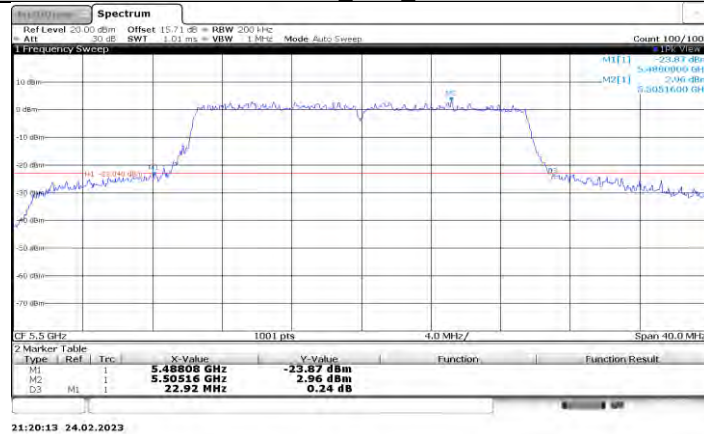
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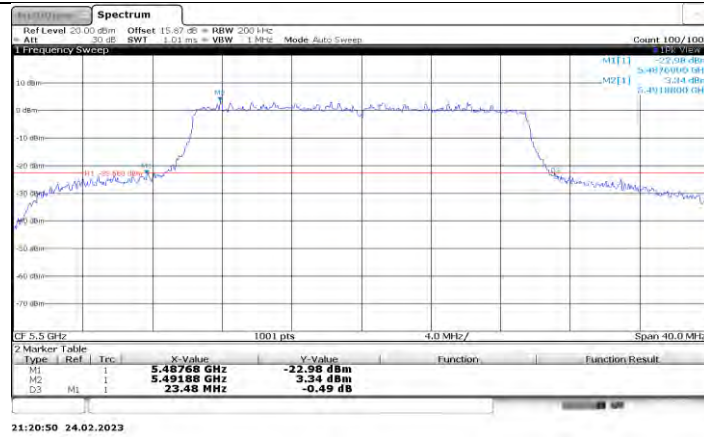
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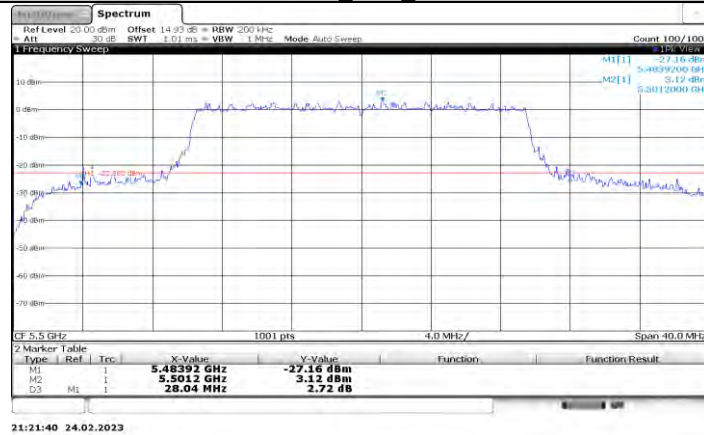
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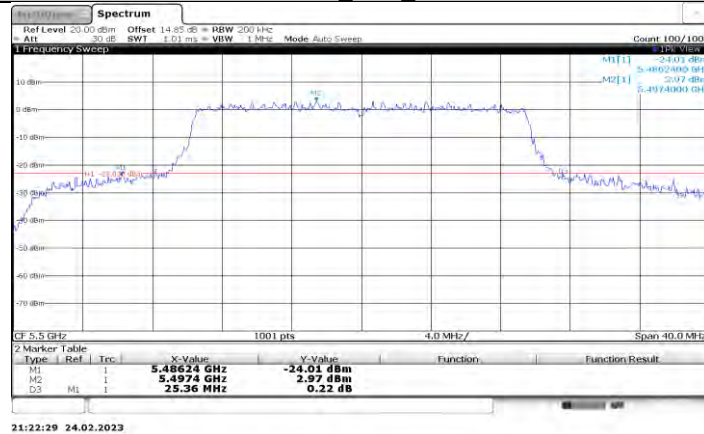
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11AX20_Ant2_5500



11AX20_Ant3_5500



11AX20_Ant4_5500