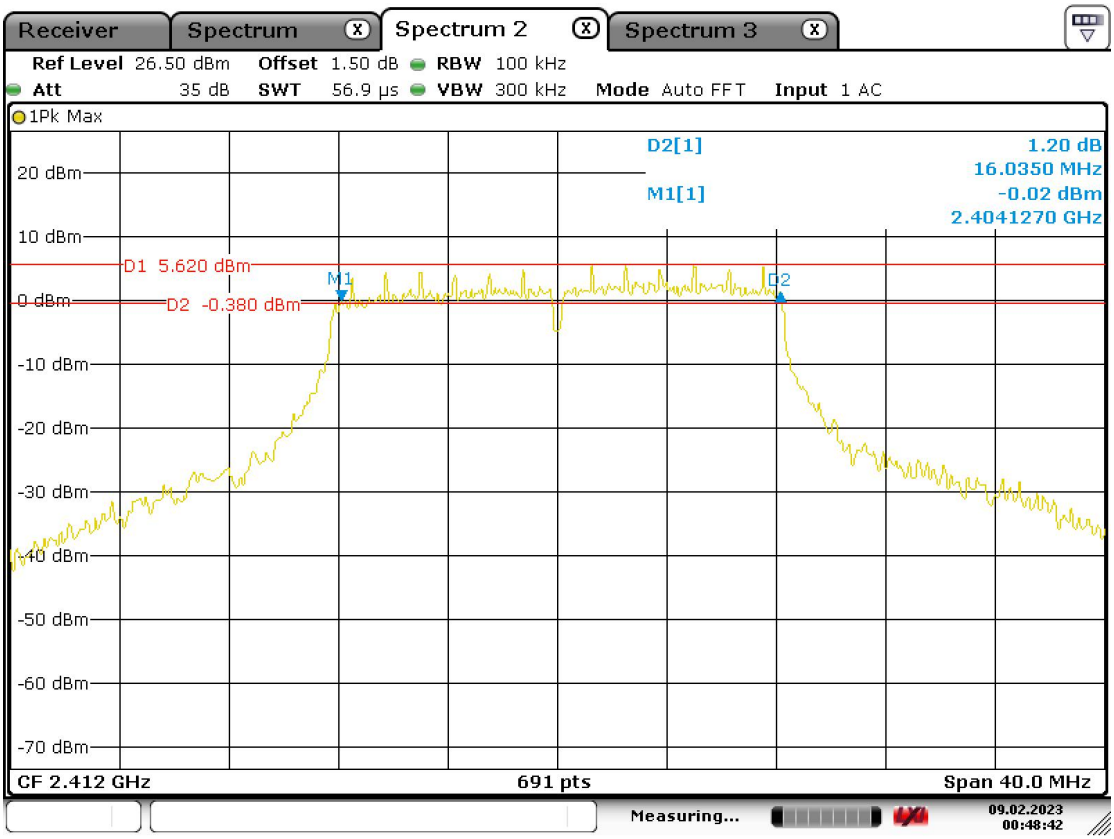
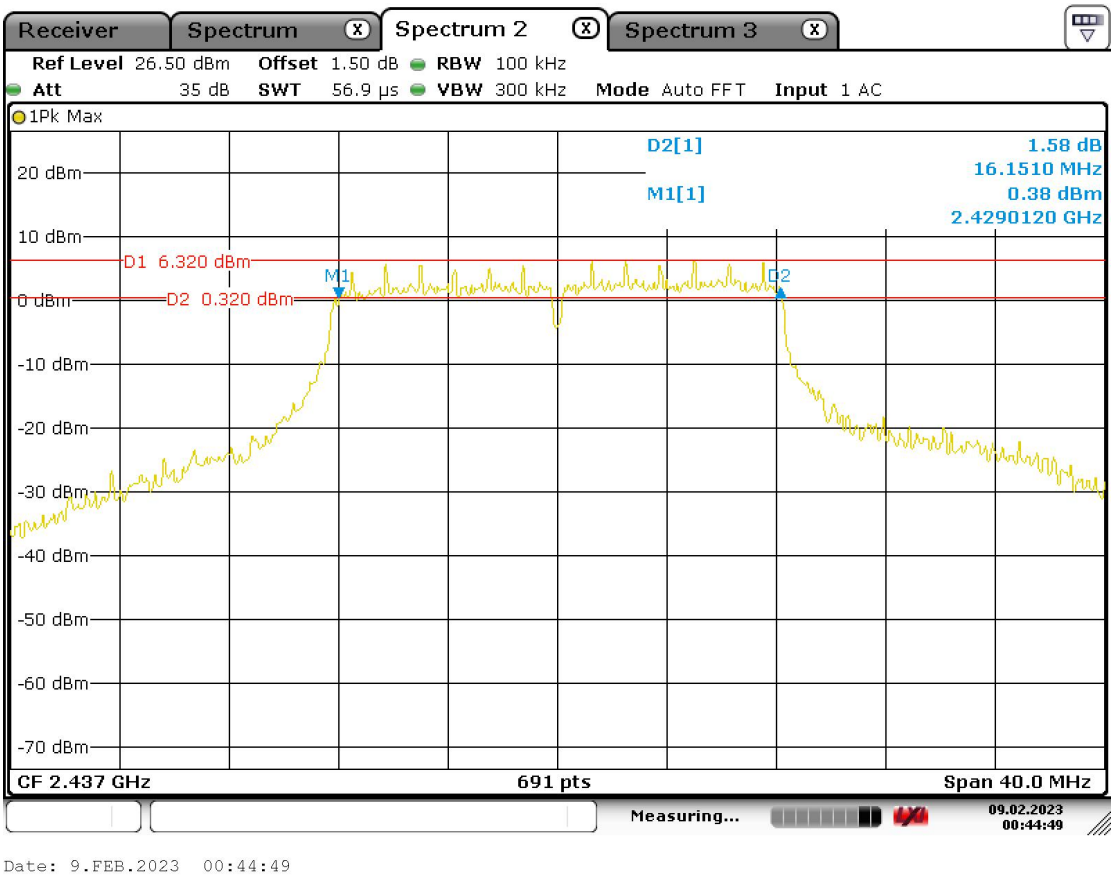
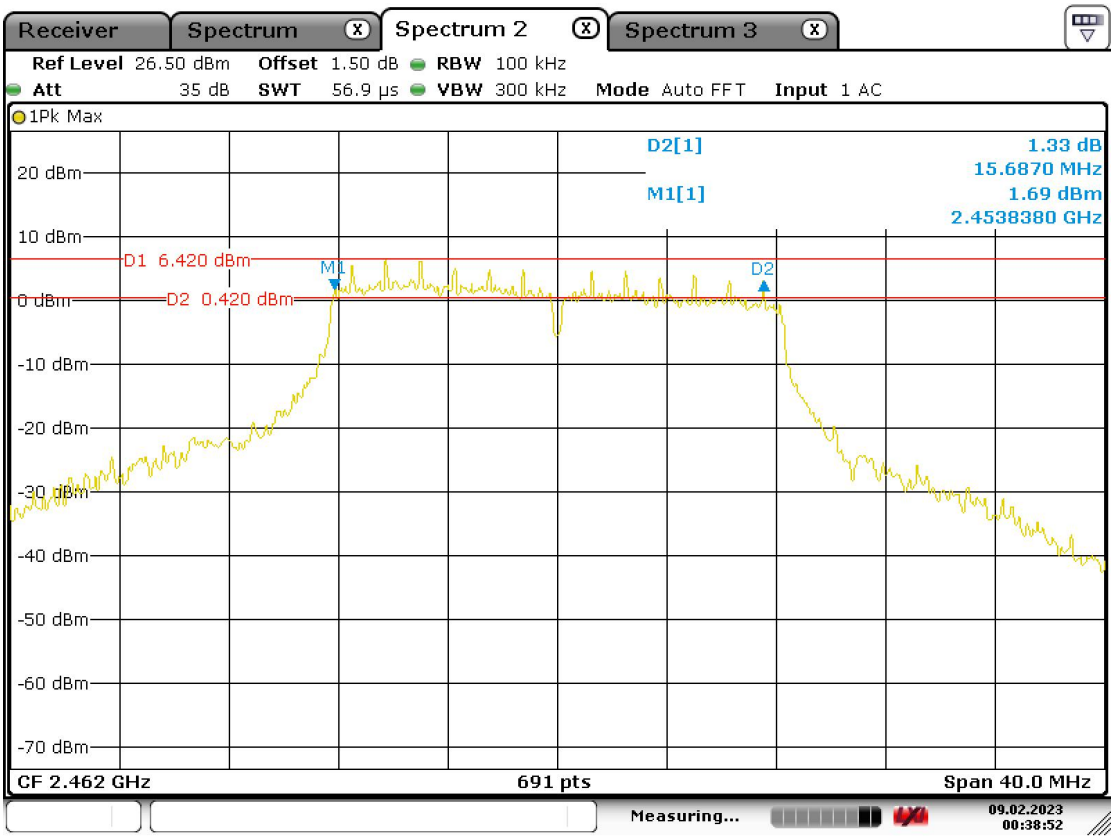


Date: 9.FEB.2023 00:48:42

11G_Ant0_2437

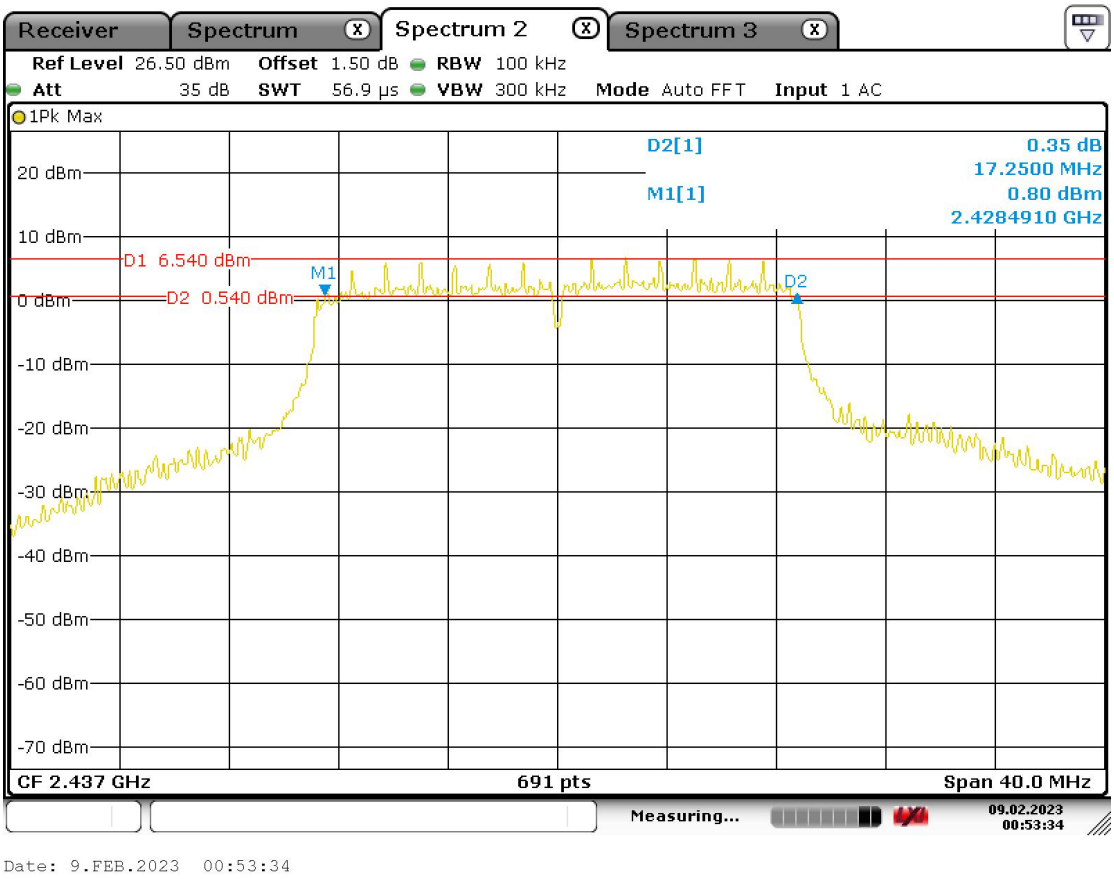


11G_Ant0_2462

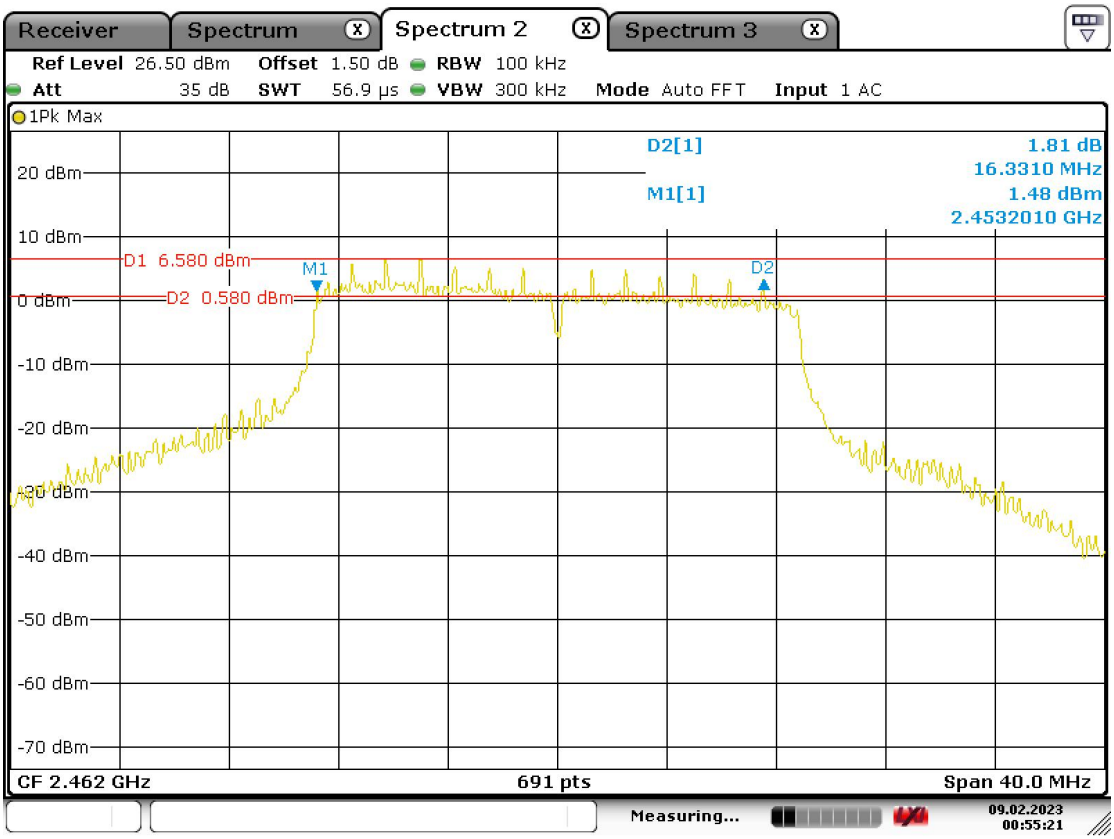


11N20_Ant0_2412

11N20_Ant0_2437



11N20_Ant0_2462



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MAXIMUM CONDUCTED OUTPUT POWER

TEST RESULT PEAK

TestMode	Antenna	Frequency [MHz]	Peak power [dBm]	Peak power [mw]	Limit [dBm]	Verdict	Power Setting
11B	Ant0	2412	20.11	102.57	≤30.00	PASS	18
	Ant0	2437	22.24	167.49	≤30.00	PASS	18
	Ant0	2462	20.20	104.71	≤30.00	PASS	18
11G	Ant0	2412	23.66	232.27	≤30.00	PASS	17
	Ant0	2437	25.23	333.43	≤30.00	PASS	17
	Ant0	2462	23.80	239.88	≤30.00	PASS	17
11N20-	Ant0	2412	23.34	215.77	≤30.00	PASS	16
	Ant0	2437	24.90	309.03	≤30.00	PASS	16
	Ant0	2462	23.33	215.28	≤30.00	PASS	16

TEST RESULT AVERAGE

Test Mode	Antenna	Frequency [MHz]	Average power [dBm]	Limit [dBm]	Verdict	Power Setting
11B -SISO	Ant0	2412	15.89	/	PASS	18
	Ant0	2437	18.31	/	PASS	18
	Ant0	2462	16.22	/	PASS	18
11G -SISO	Ant0	2412	15.28	/	PASS	17
	Ant0	2437	17.16	/	PASS	17
	Ant0	2462	15.34	/	PASS	17
11N20 -SISO	Ant0	2412	15.72	/	PASS	16
	Ant0	2437	17.60	/	PASS	16
	Ant0	2462	15.80	/	PASS	16

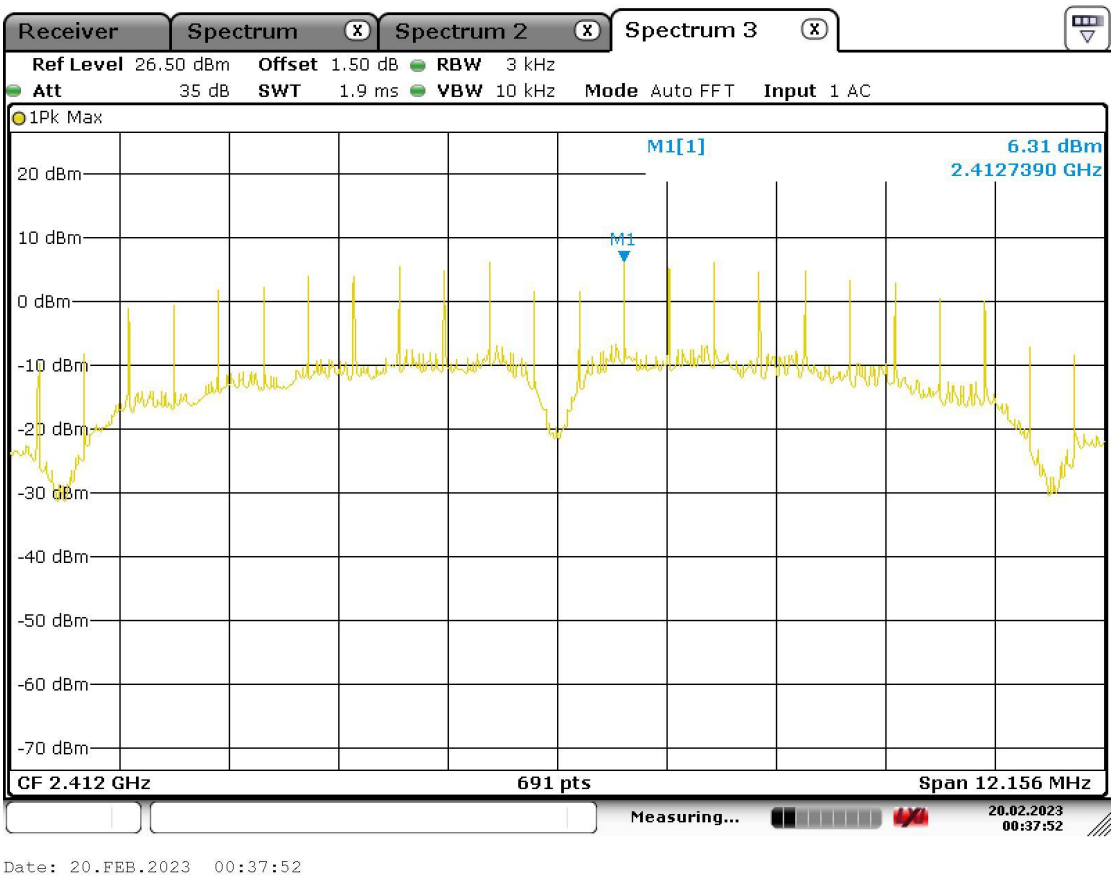
MAXIMUM POWER SPECTRAL DENSITY

TEST RESULT

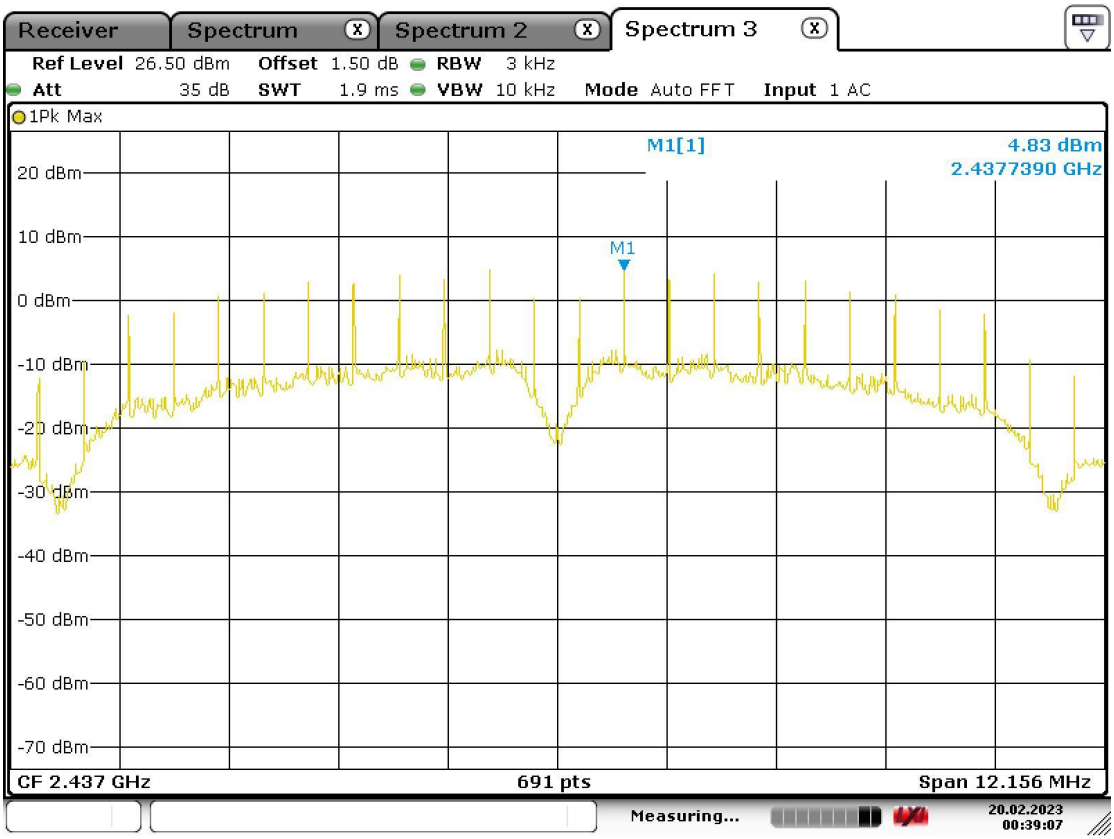
TestMode	Antenna	Frequency [MHz]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant0	2412	6.31	≤8.00	PASS
	Ant0	2437	4.83	≤8.00	PASS
	Ant0	2462	6.78	≤8.00	PASS
11G	Ant0	2412	-7.52	≤8.00	PASS
	Ant0	2437	-7.70	≤8.00	PASS
	Ant0	2462	-9.39	≤8.00	PASS
11N20	Ant0	2412	-7.41	≤8.00	PASS
	Ant0	2437	-6.62	≤8.00	PASS
	Ant0	2462	-8.41	≤8.00	PASS

TEST GRAPHS

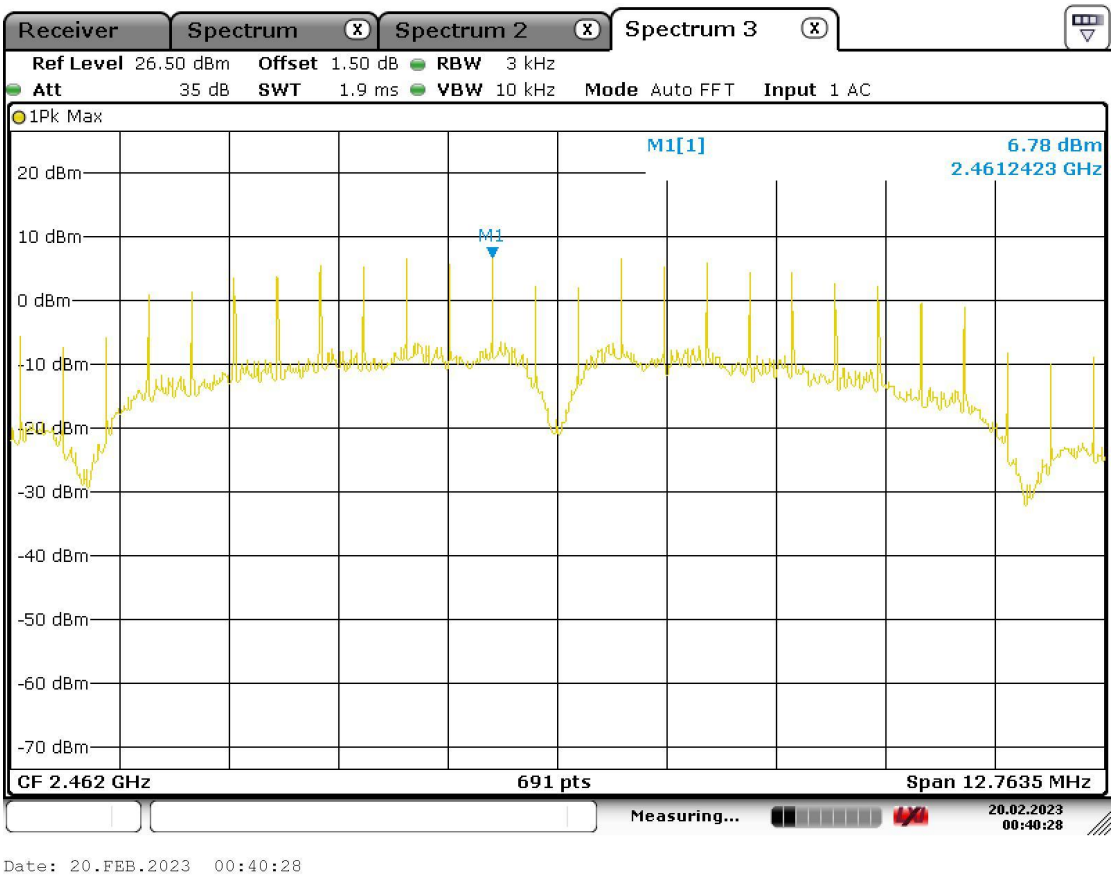
11B_Ant0_2412



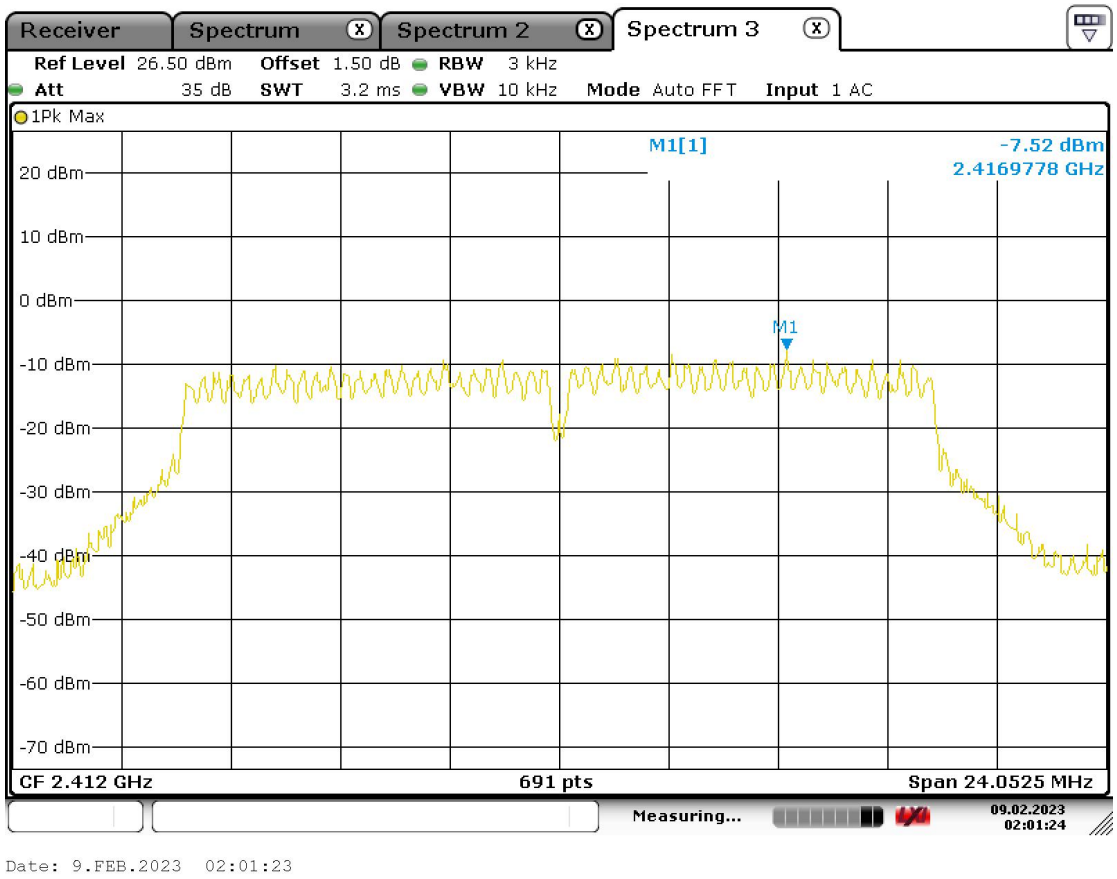
11B_Ant0_2437



11B_Ant0_2462



11G_Ant0_2412



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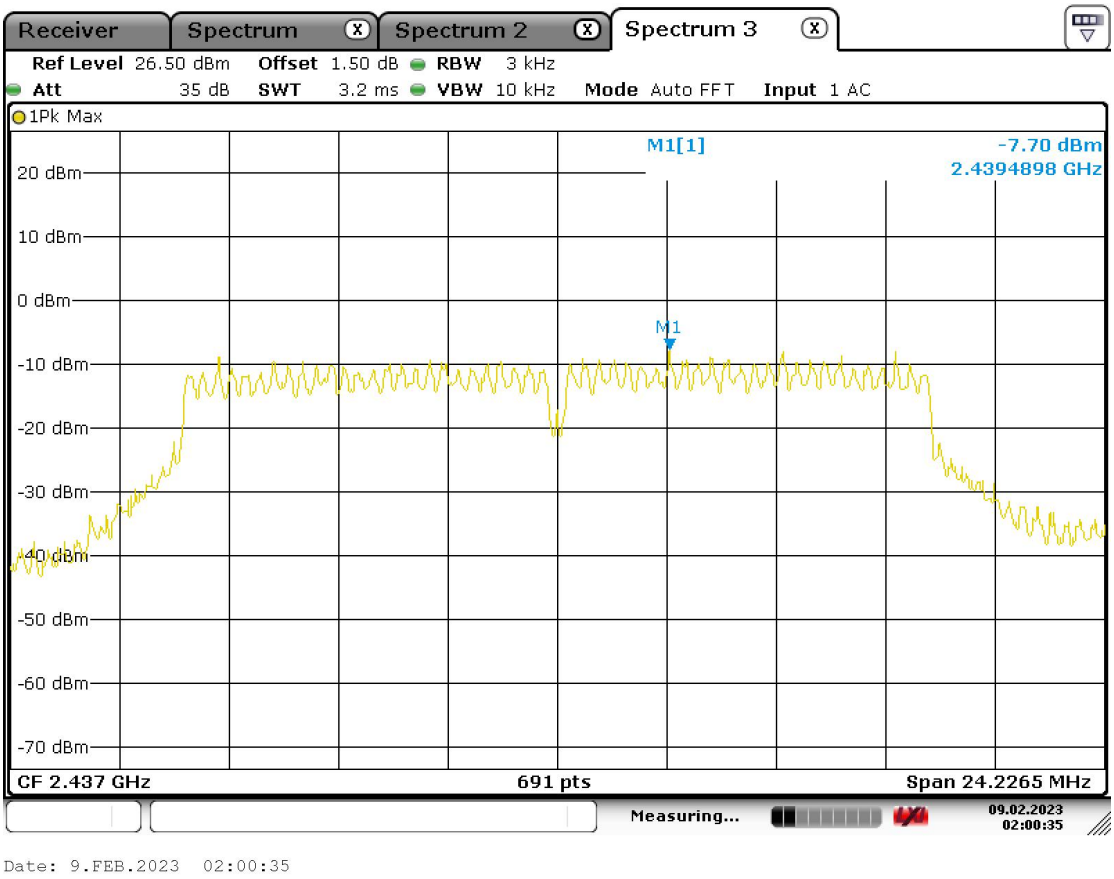
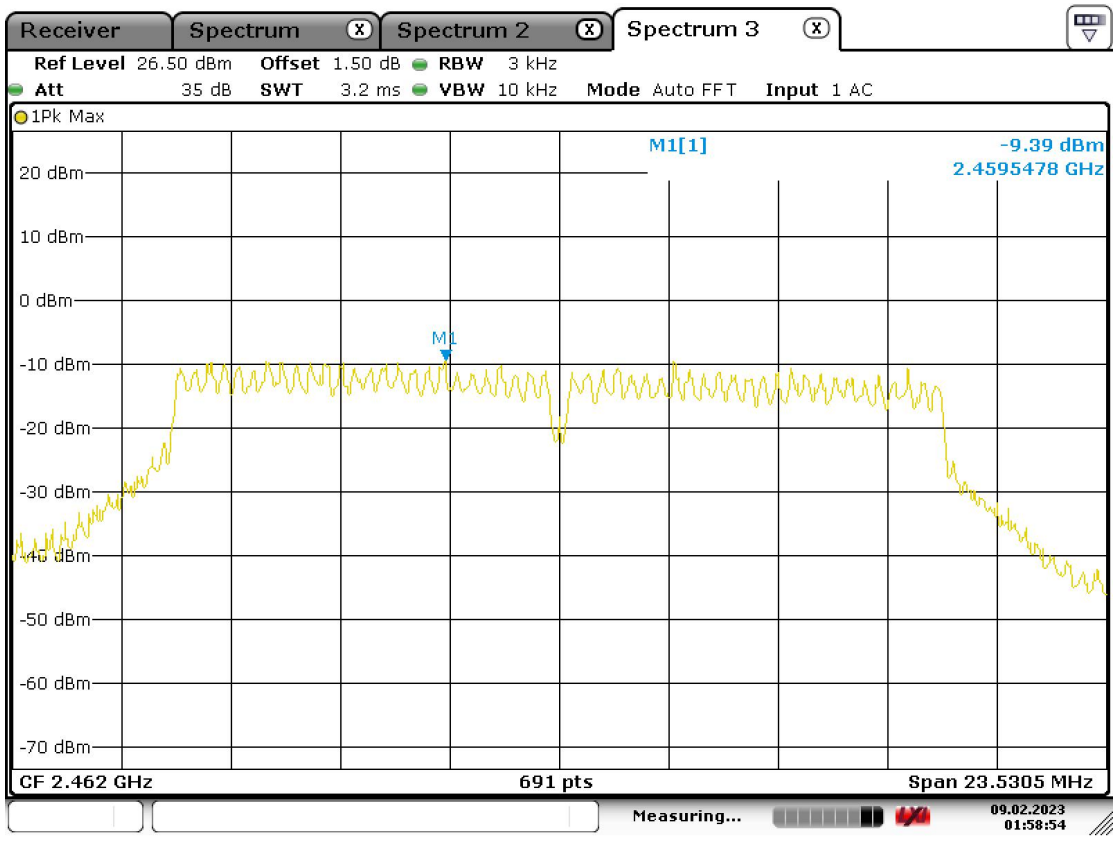
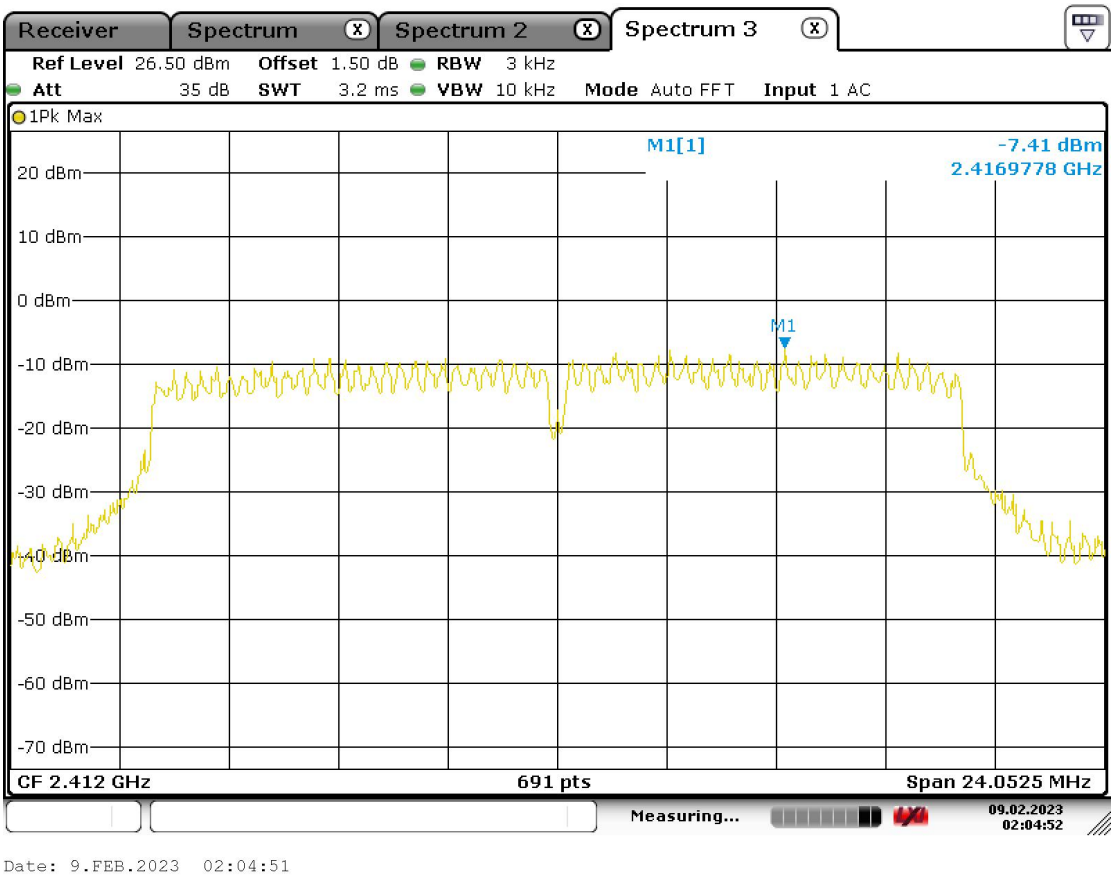


11G_Ant0_2462

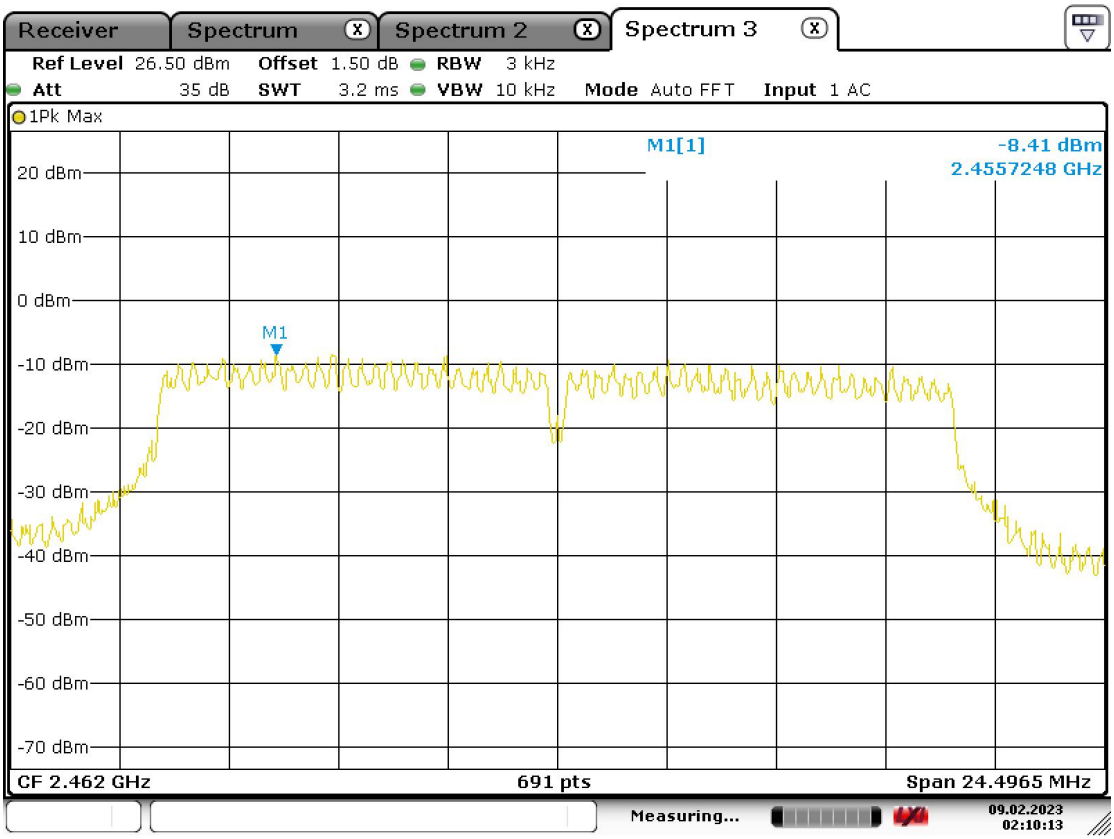


11N20_Ant0_2412



11N20_Ant0_2437

11N20_Ant0_2462



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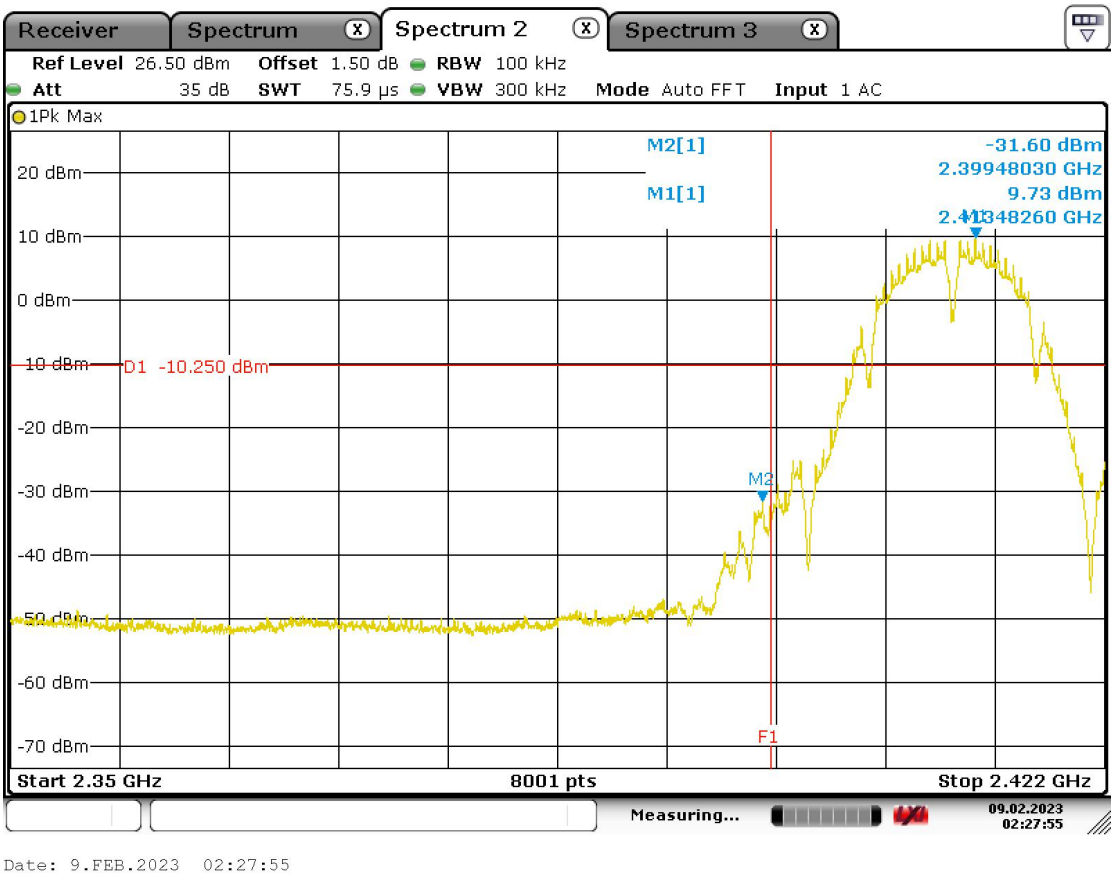
BAND EDGE MEASUREMENTS

TEST RESULT

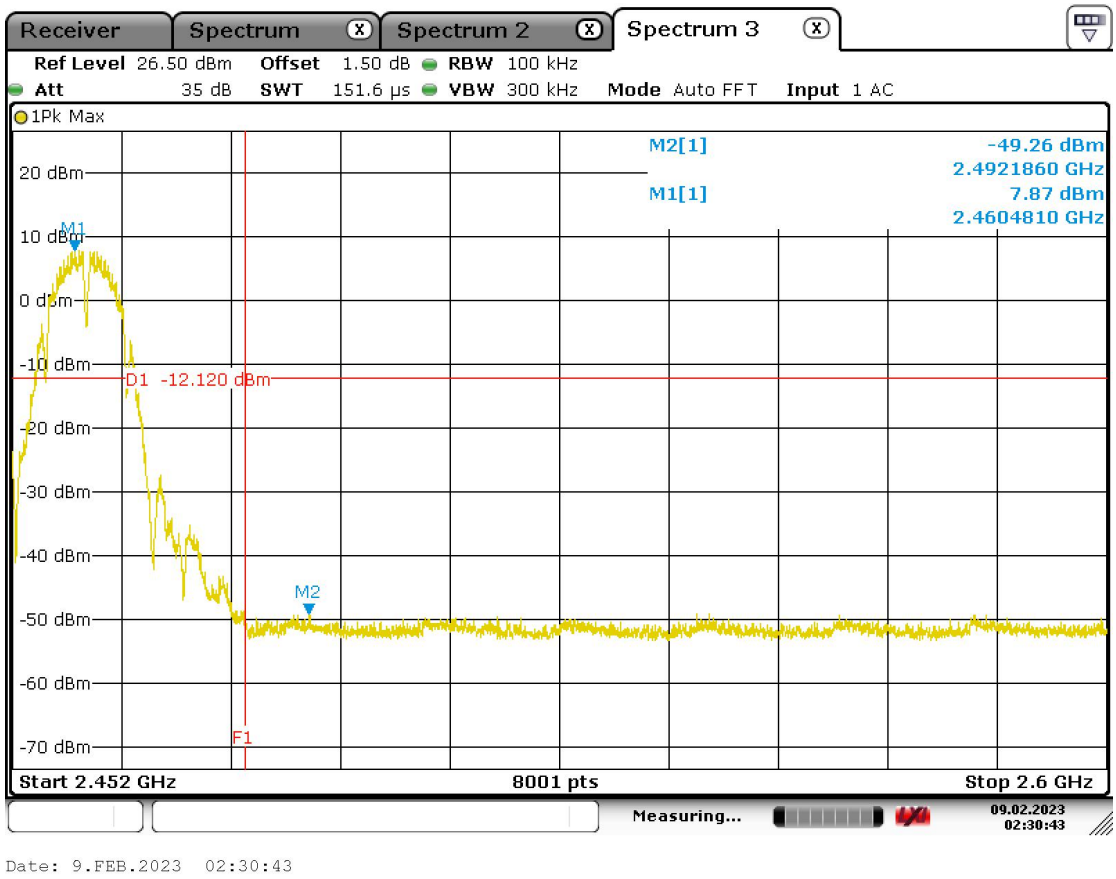
TestMode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant0	Low	2412	9.75	-31.60	≤-10.25	PASS
	Ant0	High	2462	7.88	-49.26	≤-12.12	PASS
11G	Ant0	Low	2412	5.98	-25.13	≤-14.02	PASS
	Ant0	High	2462	6.35	-43.23	≤-13.65	PASS
11N20	Ant0	Low	2412	6.65	-22.80	≤-13.35	PASS
	Ant0	High	2462	6.92	-37.97	≤-13.08	PASS

TEST GRAPHS

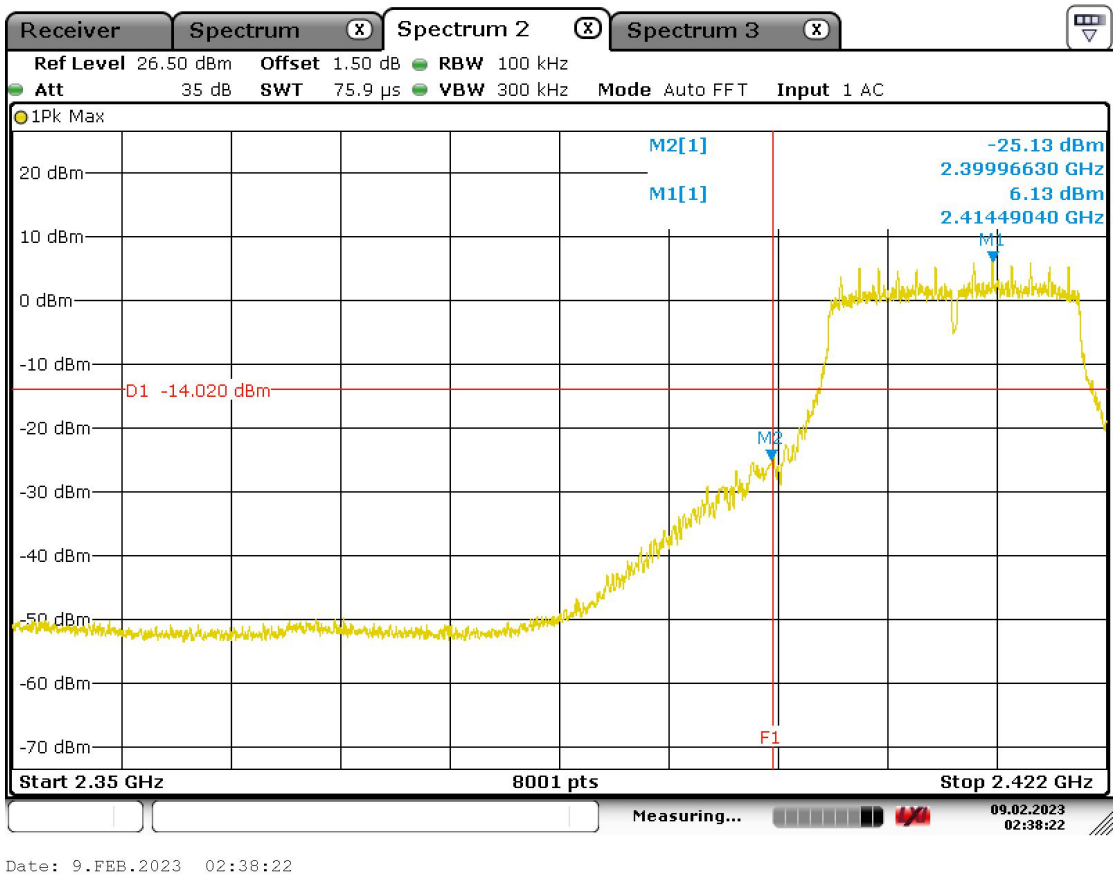
11B-CDD_Ant0_Low_2412



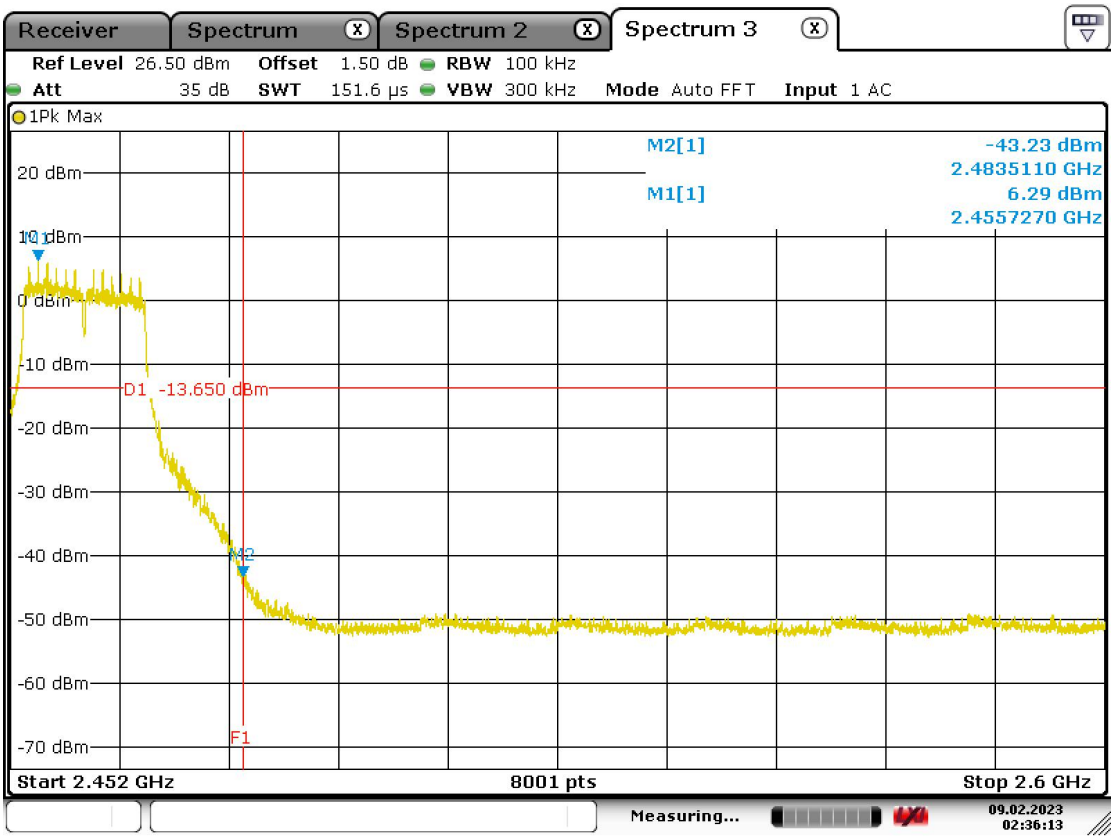
11B-CDD_Ant0_High_2462



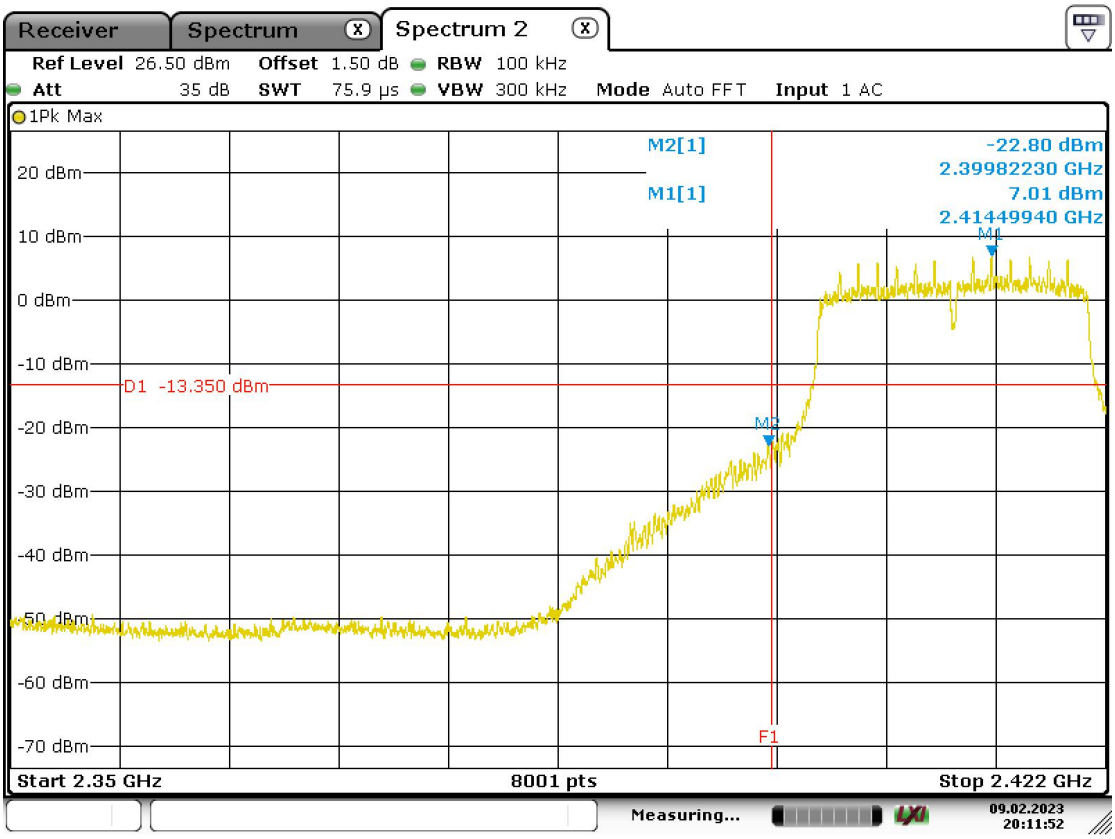
11G-CDD_Ant0_Low_2412



11G-CDD_Ant0_High_2462



11N20MIMO_Ant0_Low_2412



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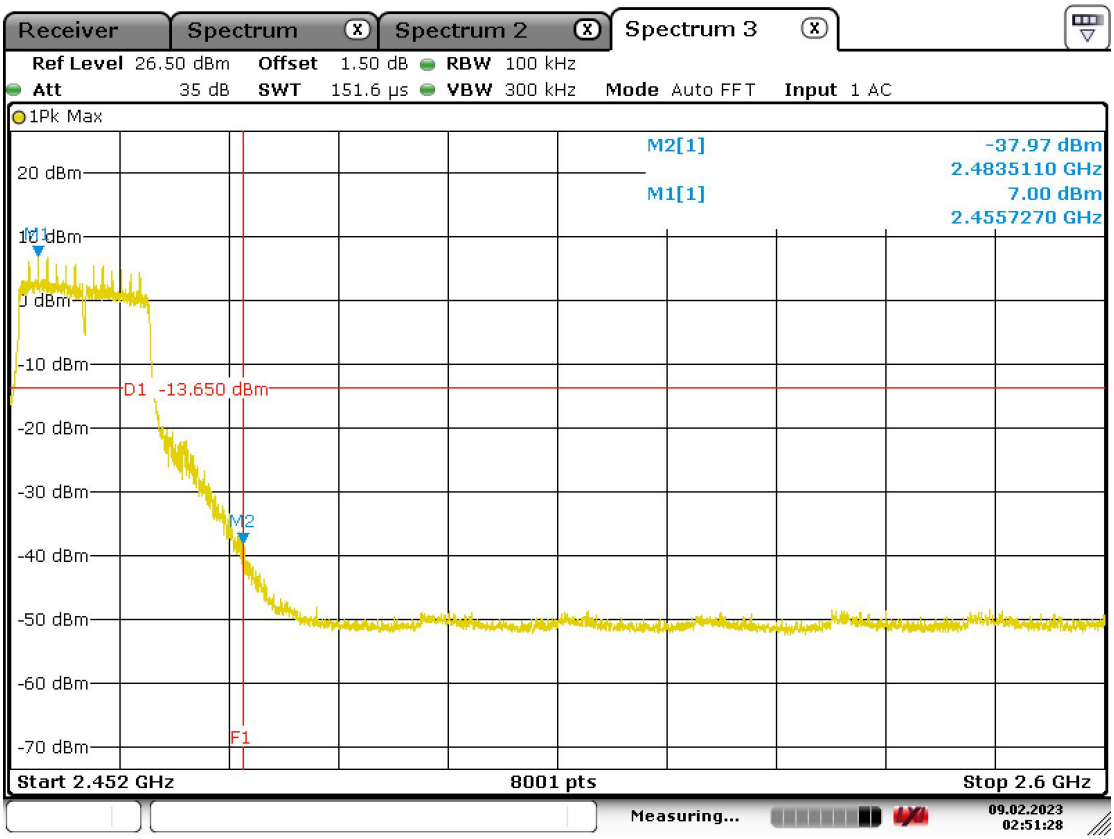
7.

11N20MIMO_Ant0_High_2462


Receiver
Spectrum
Spectrum 2
Spectrum 3
Ref Level 26.50 dBm Offset 1.50 dB RBW 100 kHz
Att 35 dB SWT 151.6 µs VBW 300 kHz Mode Auto FFT Input 1 AC
1Pk Max
M2[1] -37.97 dBm 2.4835110 GHz
M1[1] 7.00 dBm 2.4557270 GHz
20 dBm
10 dBm
0 dBm
-10 dBm
D1 -13.650 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm
M2
F1
Start 2.452 GHz
8001 pts
Stop 2.6 GHz
Measuring...
09.02.2023
02:51:28
Date: 9.FEB.2023 02:51:28

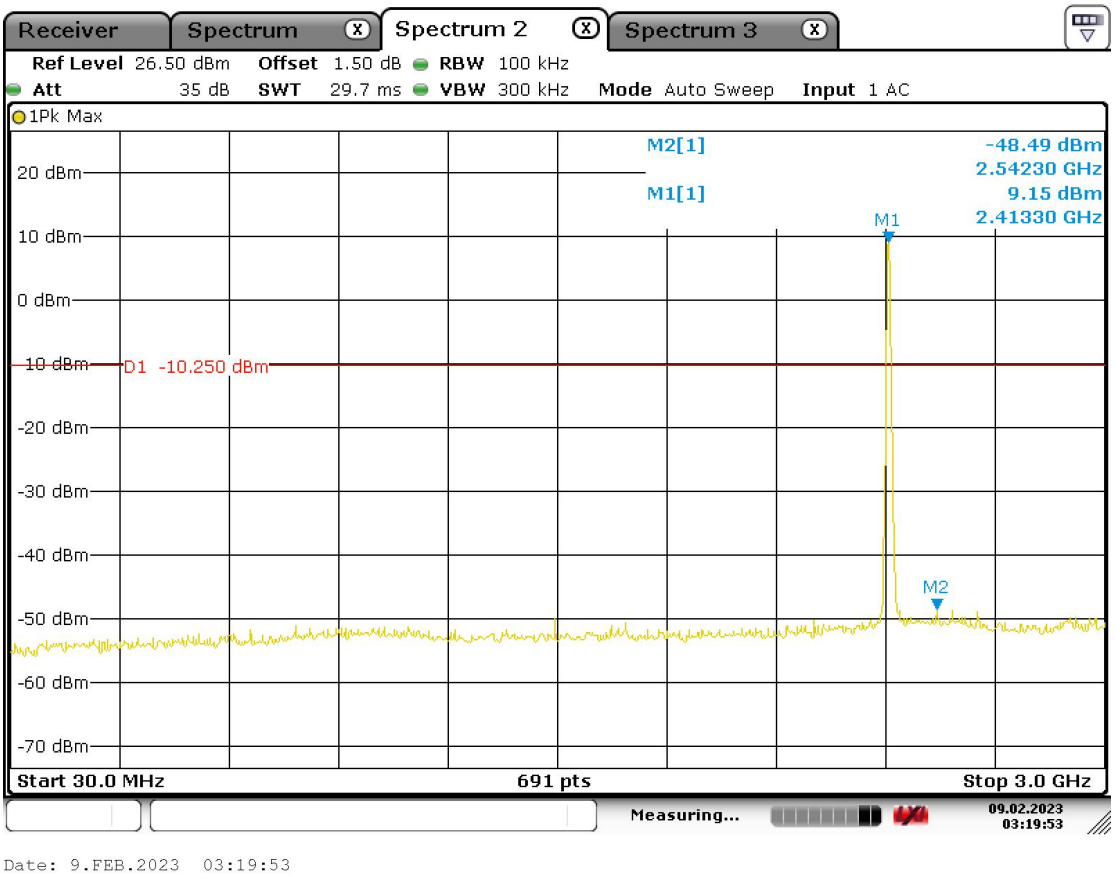
CONDUCTED SPURIOUS EMISSION

TEST RESULT

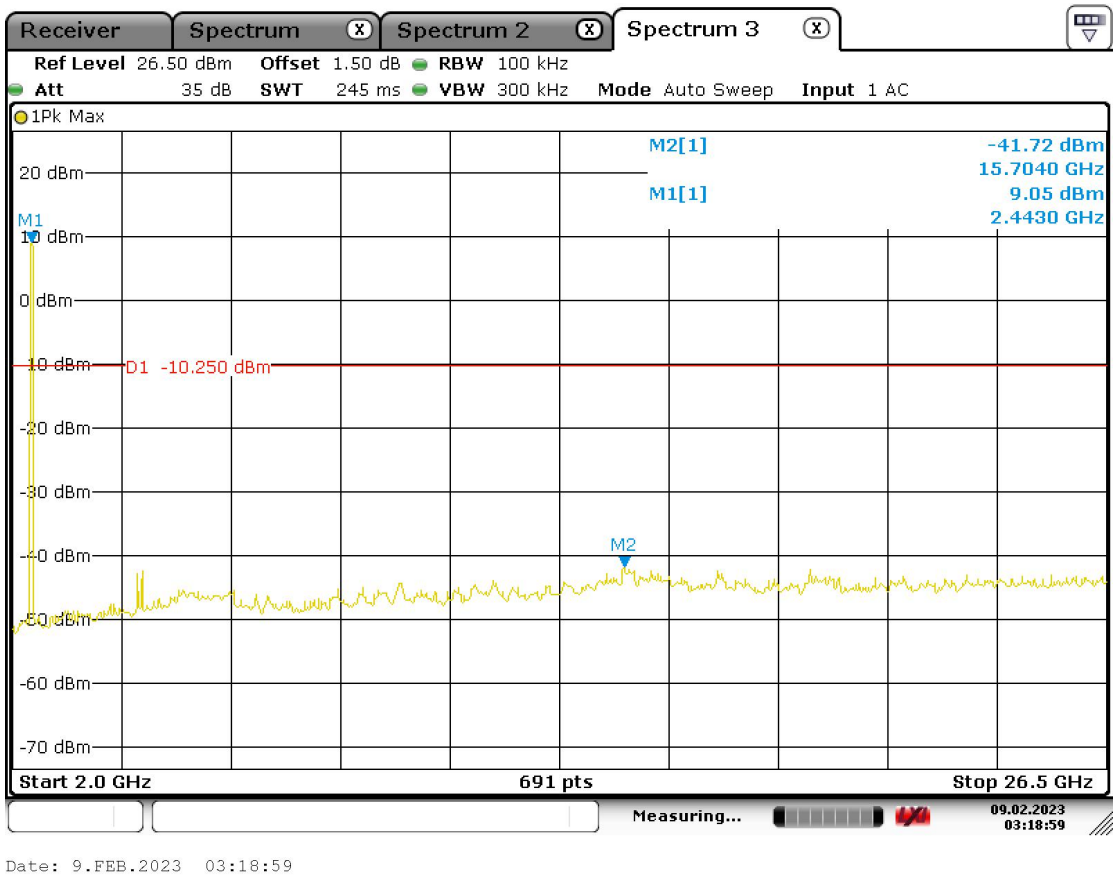
TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant0	2412	30~3000	9.75	-48.49	≤-10.25	PASS
			2000~26500	9.75	-41.72	≤-10.25	PASS
	Ant0	2437	30~3000	9.18	-48.31	≤-10.82	PASS
			2000~26500	9.18	-42.87	≤-10.82	PASS
	Ant0	2462	30~3000	7.88	-49.39	≤-12.12	PASS
			2000~26500	7.88	-41.55	≤-12.12	PASS
11G	Ant0	2412	30~3000	5.98	-49.19	≤-14.02	PASS
			2000~26500	5.98	-41.87	≤-14.02	PASS
	Ant0	2437	30~3000	6.62	-48.79	≤-13.38	PASS
			2000~26500	6.62	-42.23	≤-13.38	PASS
	Ant0	2462	30~3000	6.35	-49.20	≤-13.65	PASS
			2000~26500	6.35	-42.21	≤-13.65	PASS
11N20	Ant0	2412	30~3000	6.65	-48.36	≤-13.35	PASS
			2000~26500	6.65	-41.94	≤-13.35	PASS
	Ant0	2437	30~3000	7.21	-48.81	≤-12.79	PASS
			2000~26500	7.21	-41.74	≤-12.79	PASS
	Ant0	2462	30~3000	6.92	-48.12	≤-13.08	PASS
			2000~26500	6.92	-41.79	≤-13.08	PASS

TEST GRAPHS

11B-CDD_Ant0_2412_30~3000

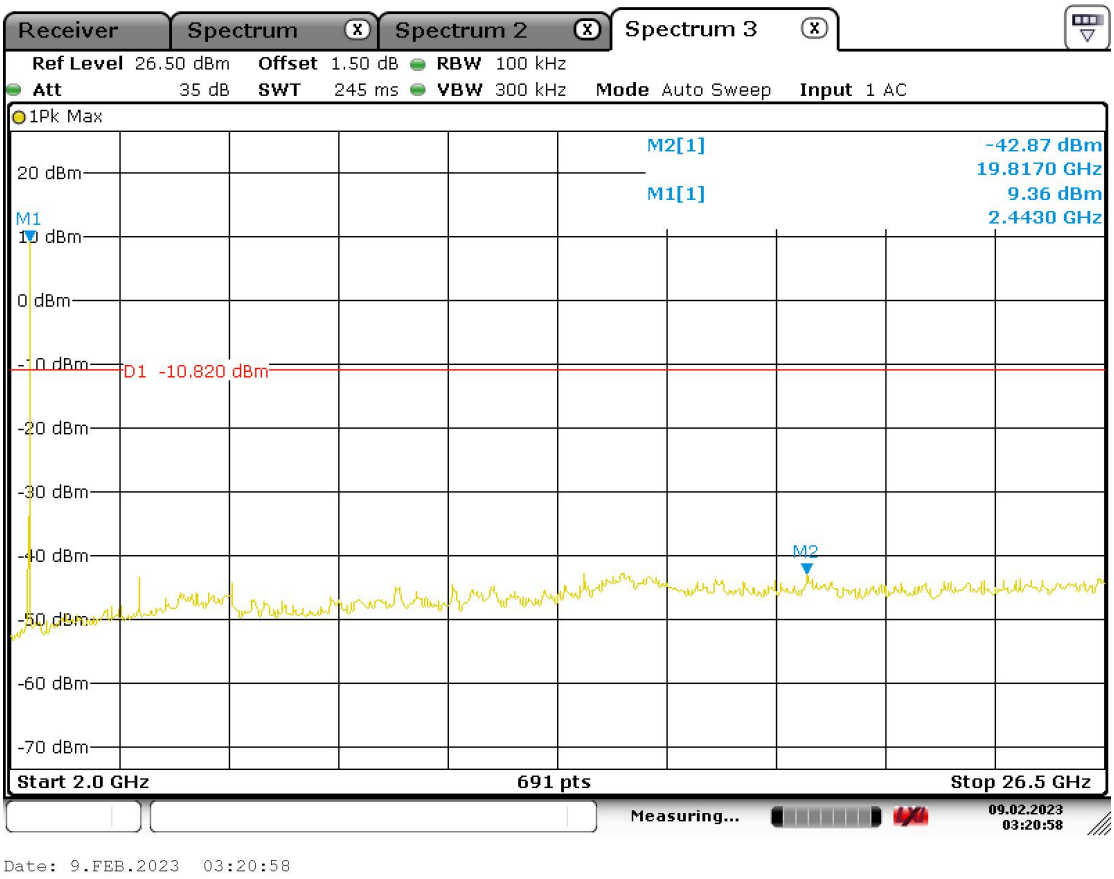


11B_Ant0_2412_2000~26500

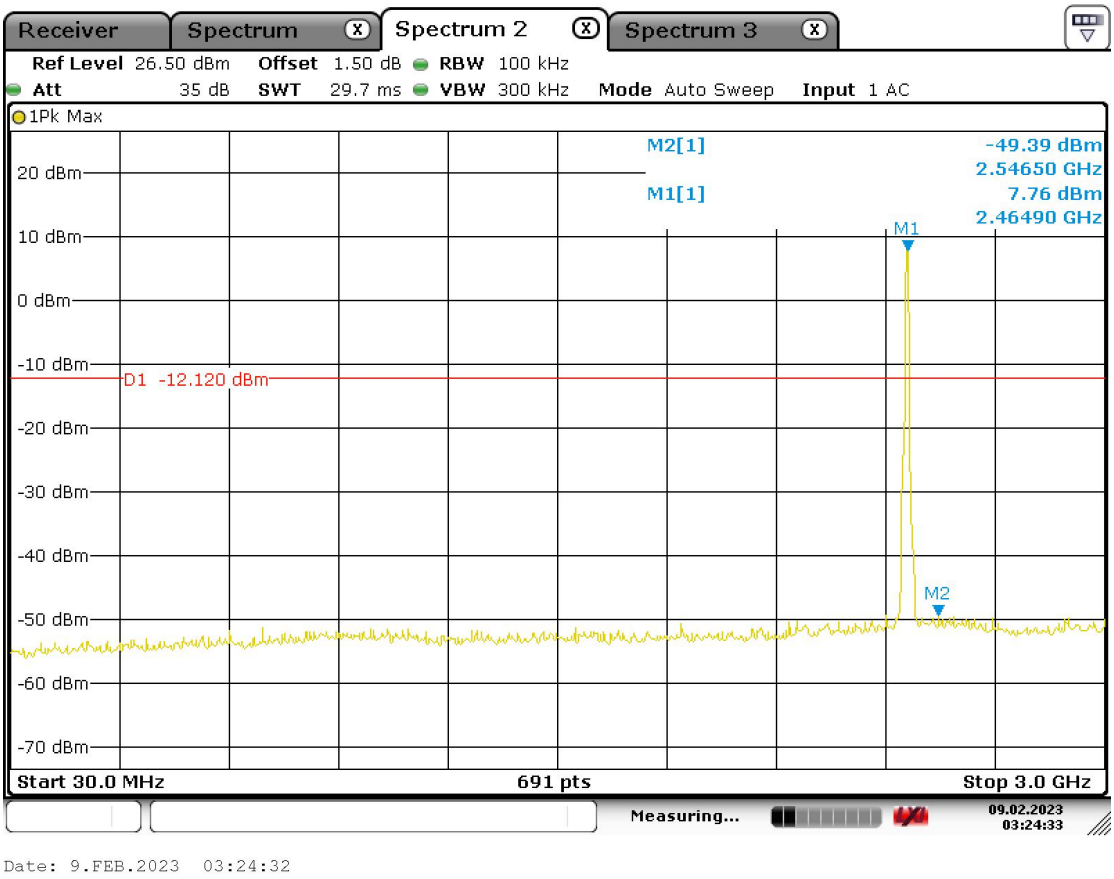


11B_Ant0_2437_30~3000

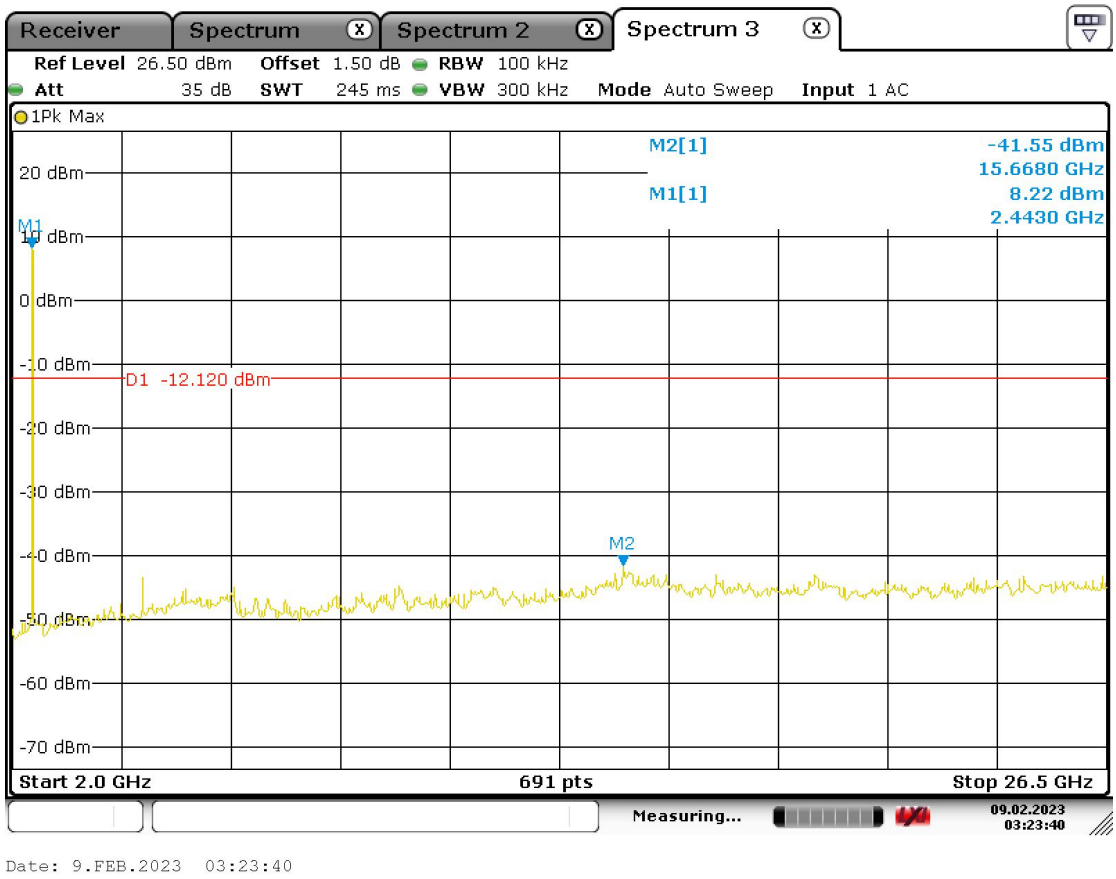
11B_Ant0_2437_2000~26500



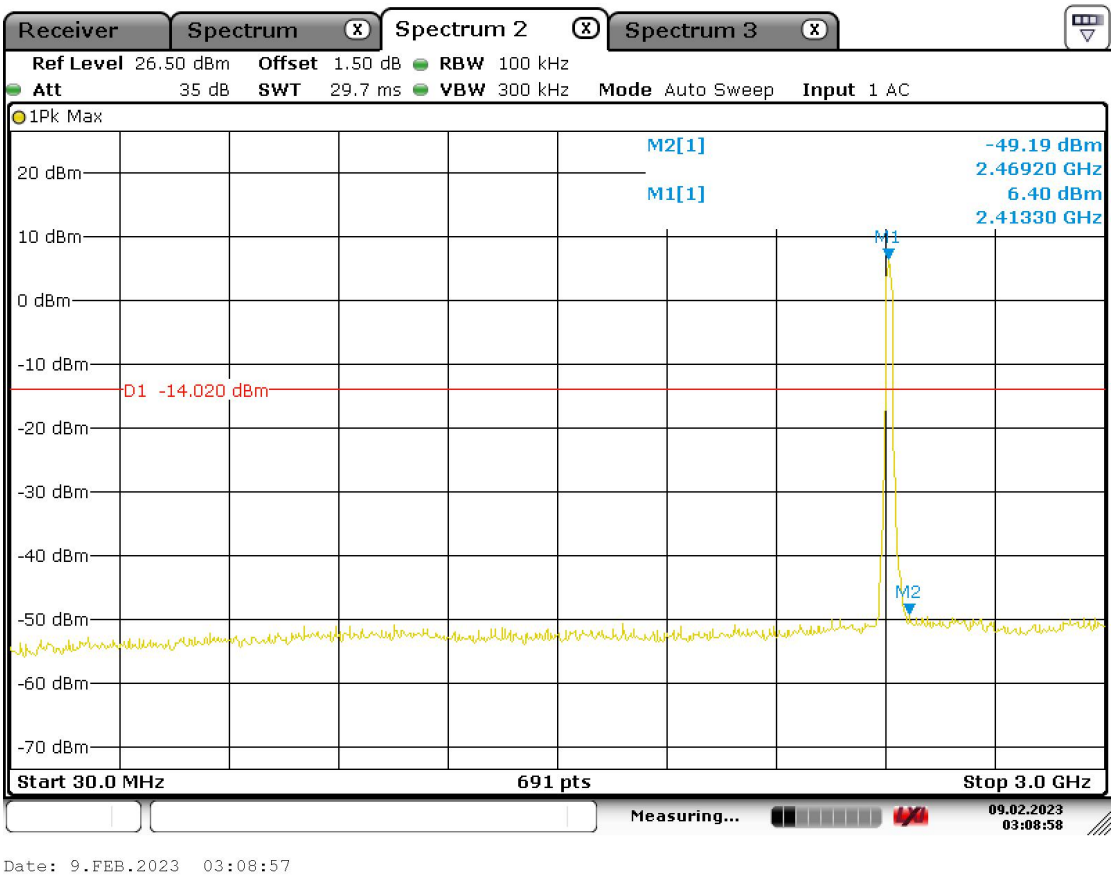
11B_Ant0_2462_30~3000



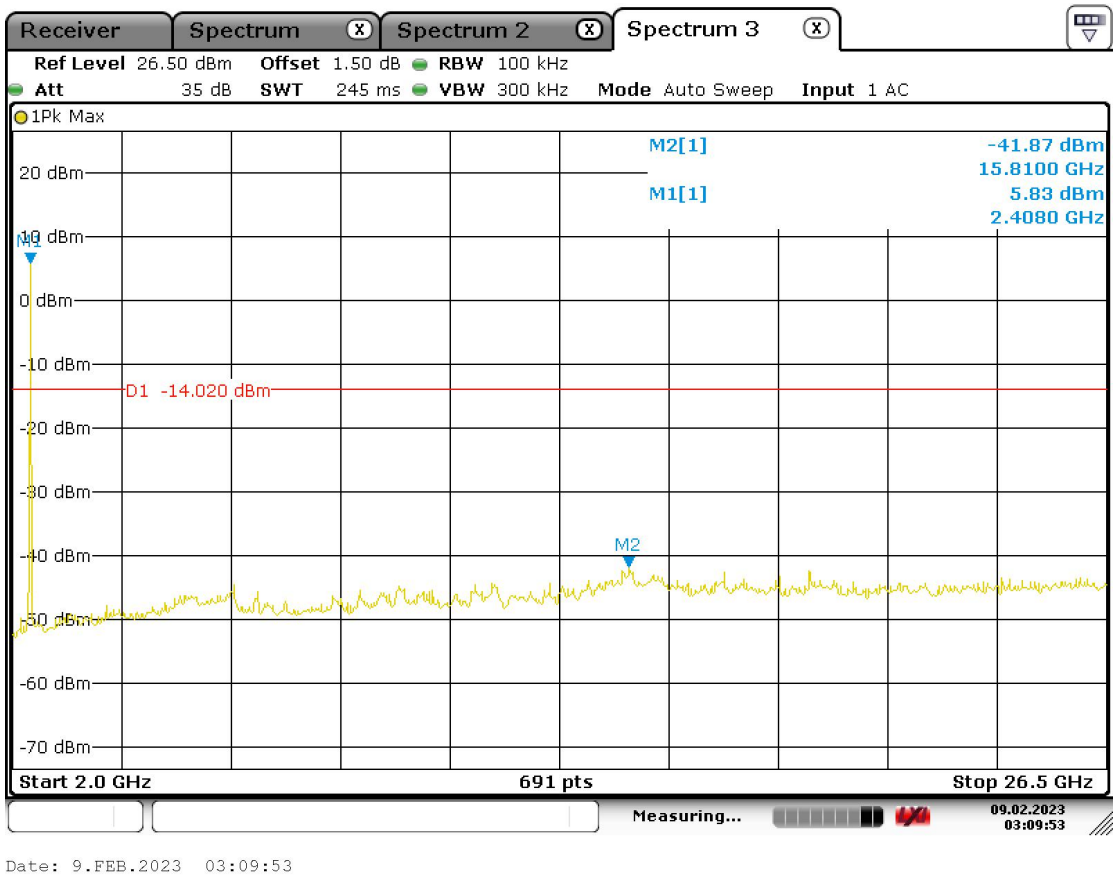
11B_Ant0_2462_2000~26500



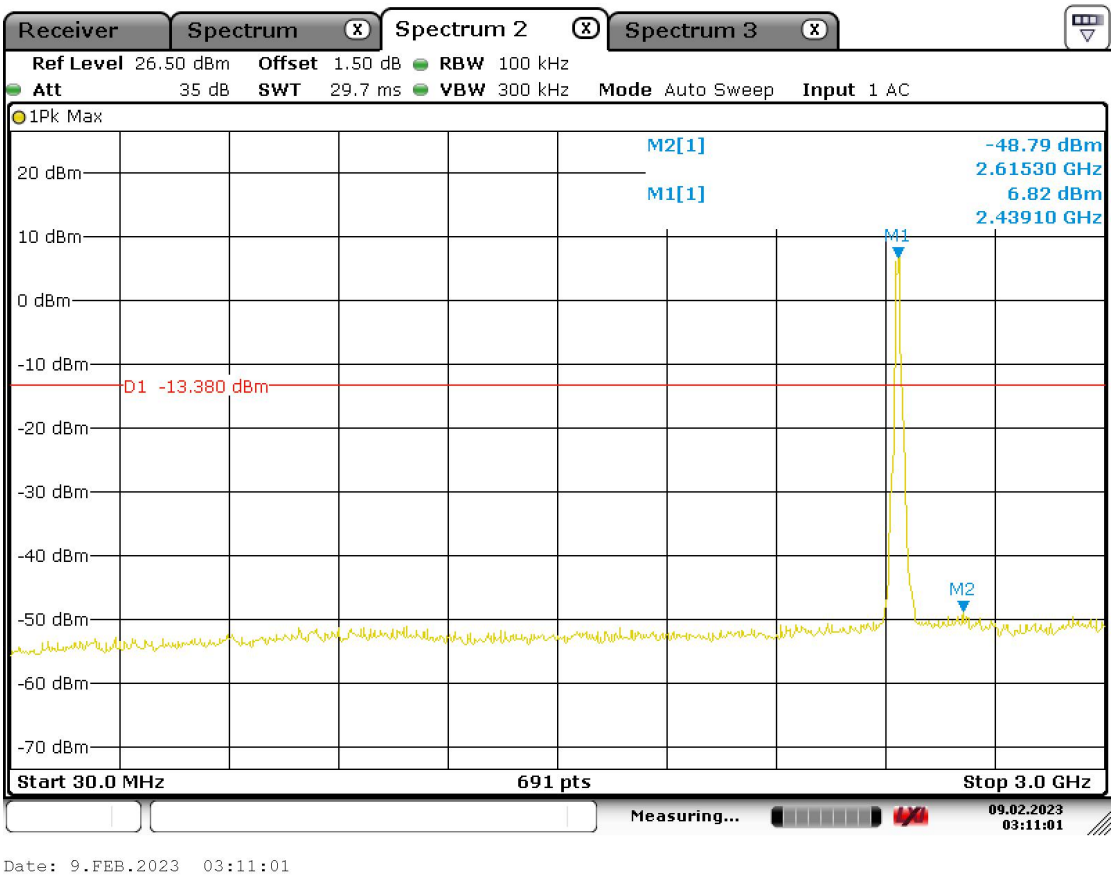
11G_Ant0_2412_30~3000



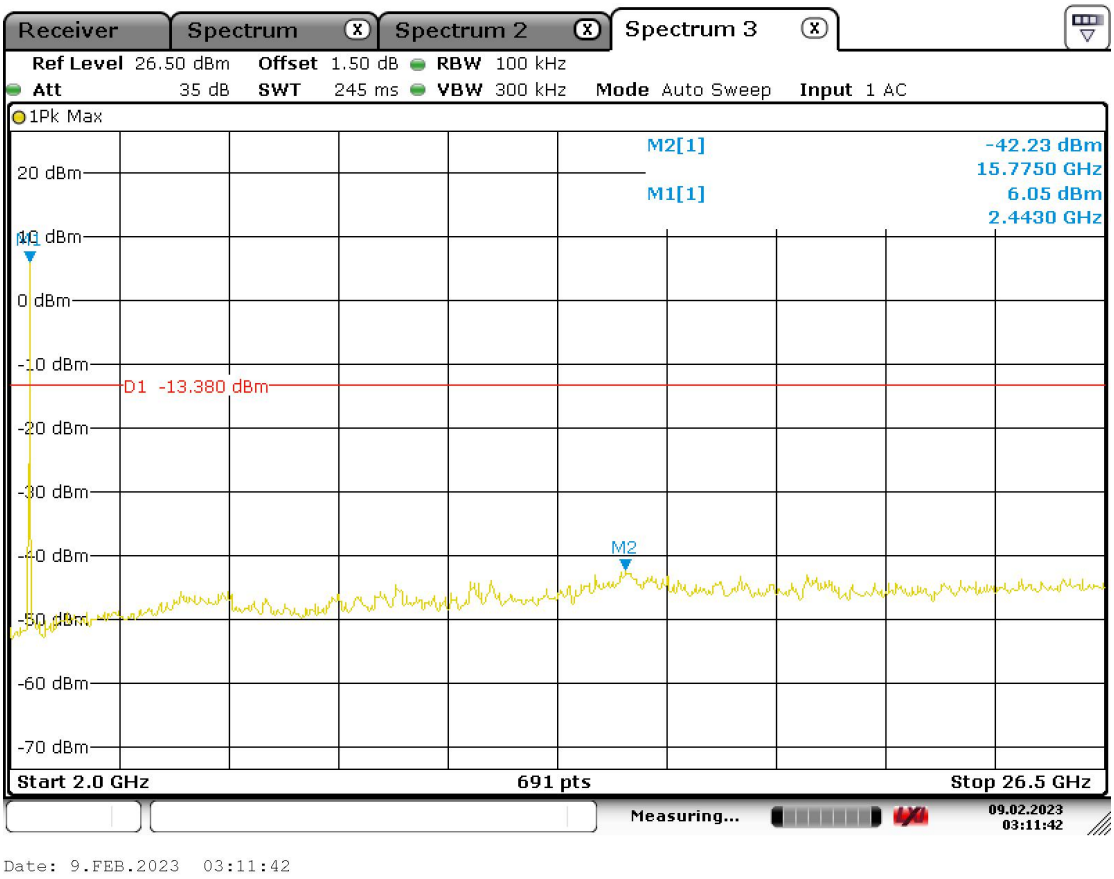
11G_Ant0_2412_2000~26500



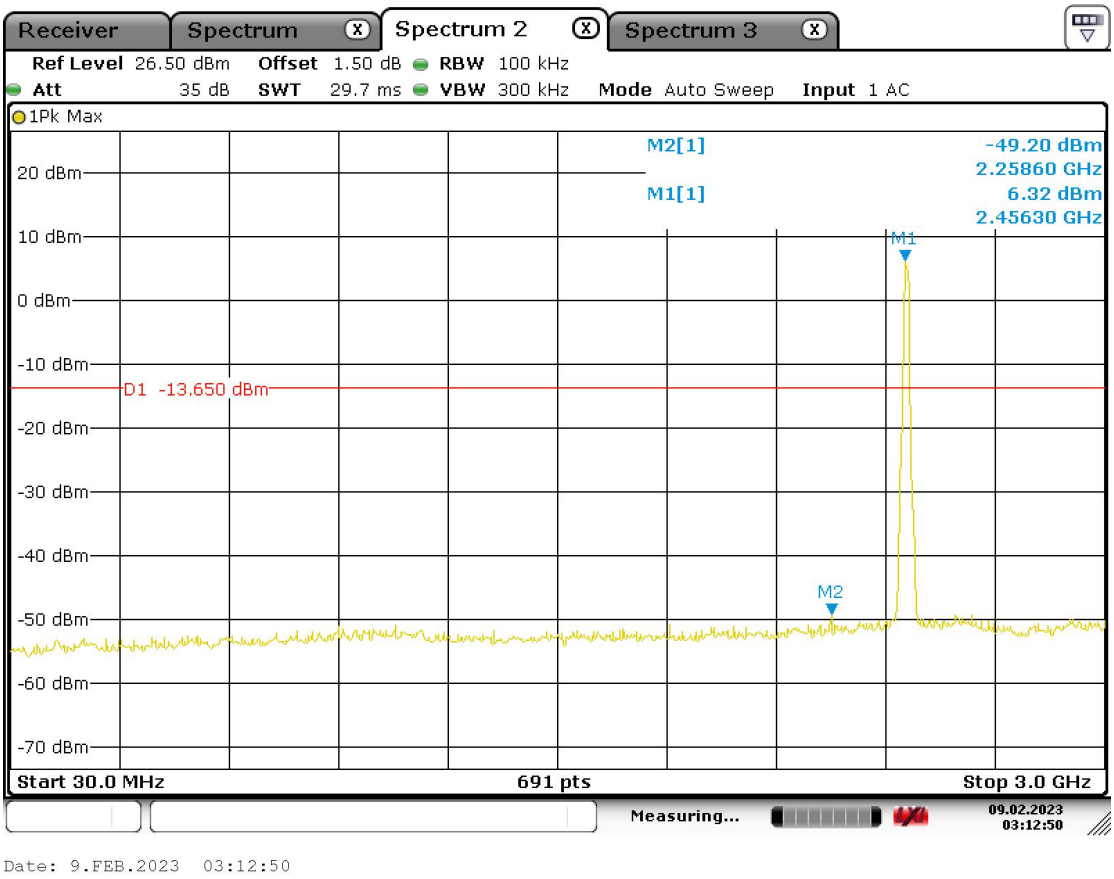
11G_Ant0_2437_30~3000



11G_Ant0_2437_2000~26500



11G_Ant0_2462_30~3000



11G_Ant0_2462_2000~26500