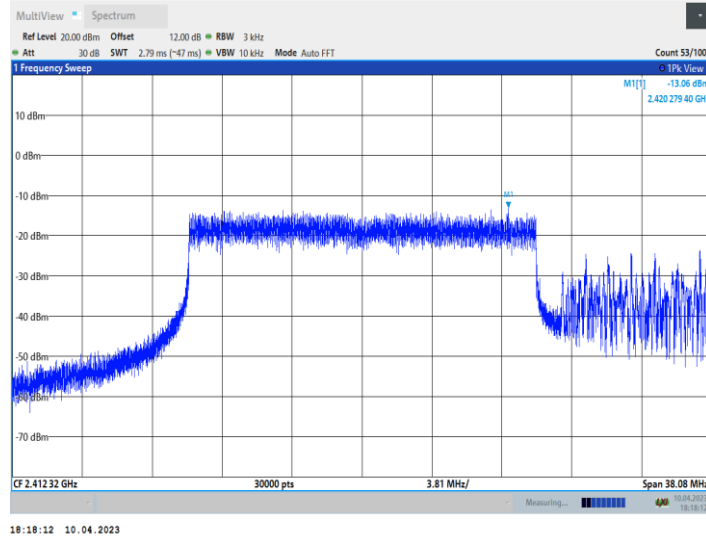
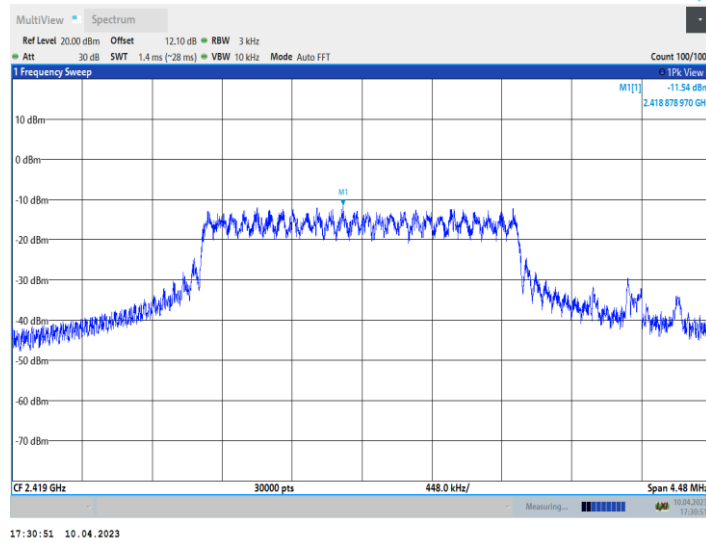


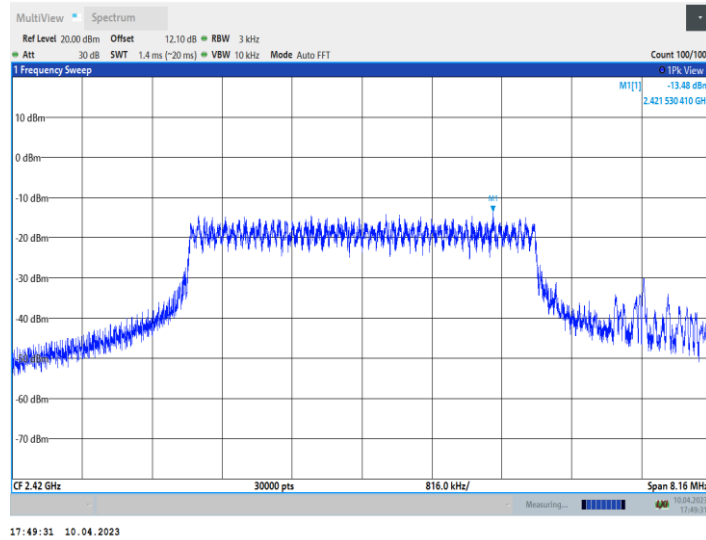
11AX40_Ant9_2422_242Tone_RU61



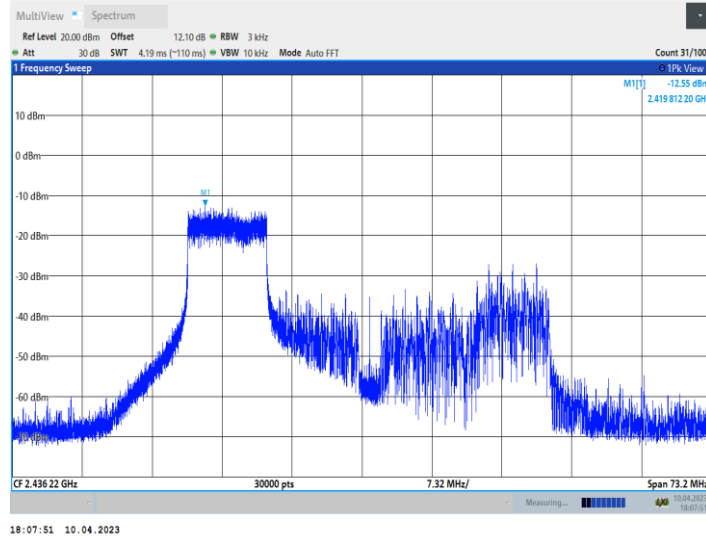
11AX40_Ant9_2437_26Tone_RU0



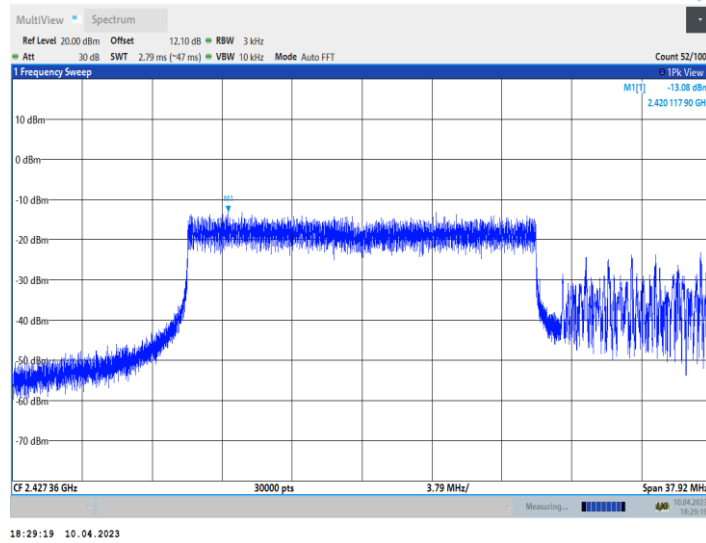
11AX40_Ant9_2437_52Tone_RU37



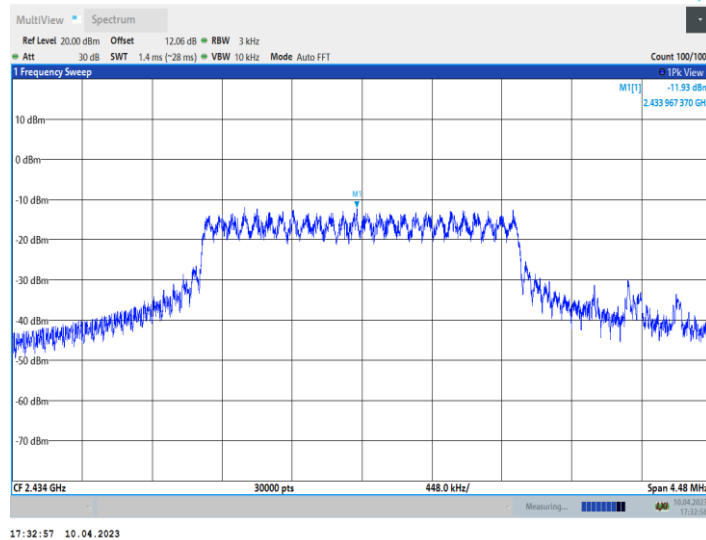
11AX40_Ant9_2437_106Tone_RU53



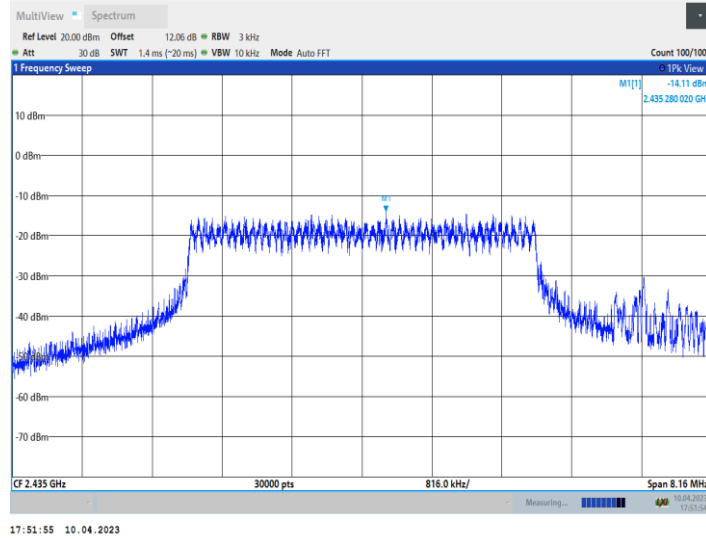
11AX40_Ant9_2437_242Tone_RU61



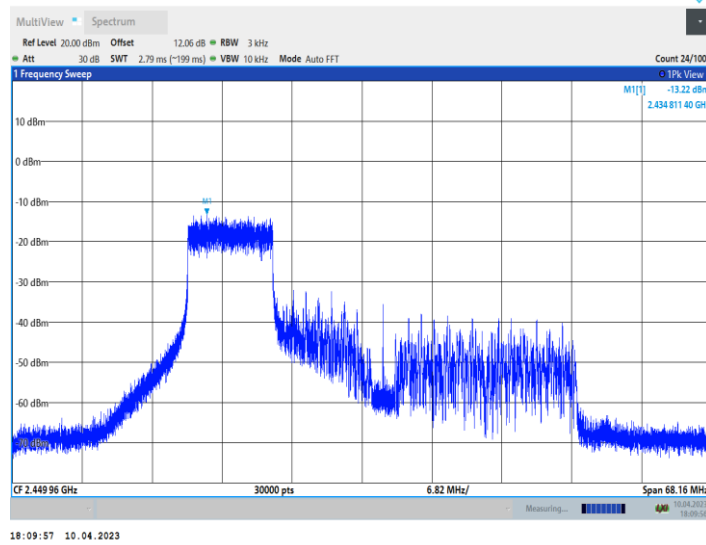
11AX40_Ant9_2452_26Tone_RU0



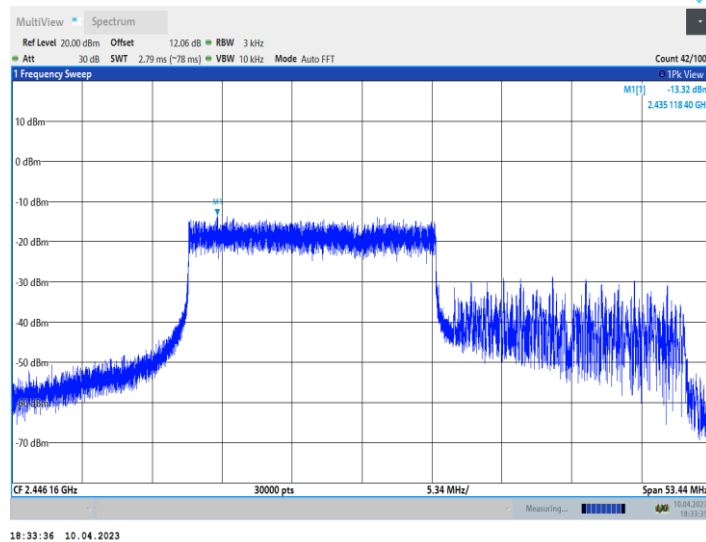
11AX40_Ant9_2452_52Tone_RU37



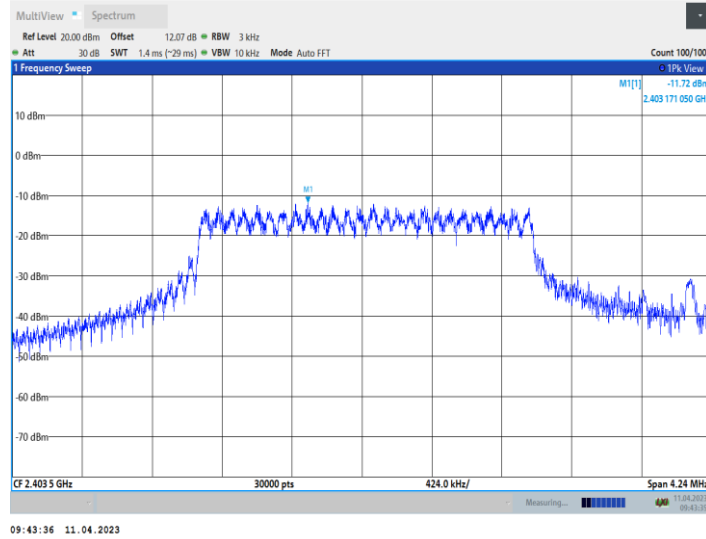
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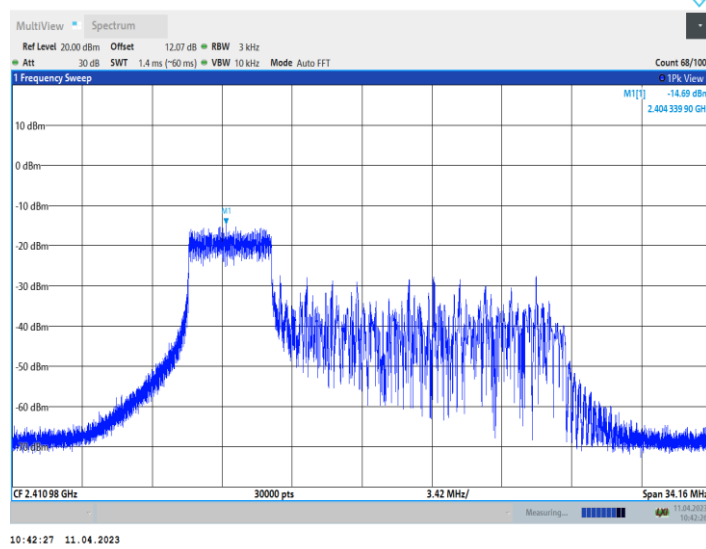
11AX40_Ant9_2452_242Tone_RU61



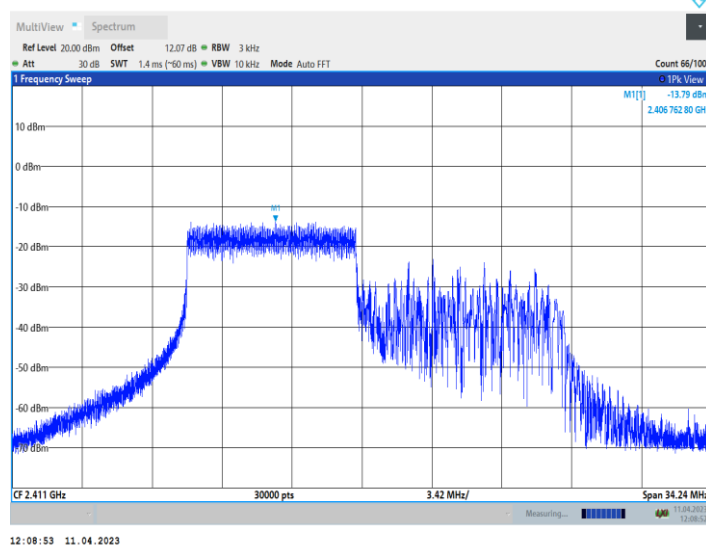
11AX20_Ant10_2412_26Tone_RU0



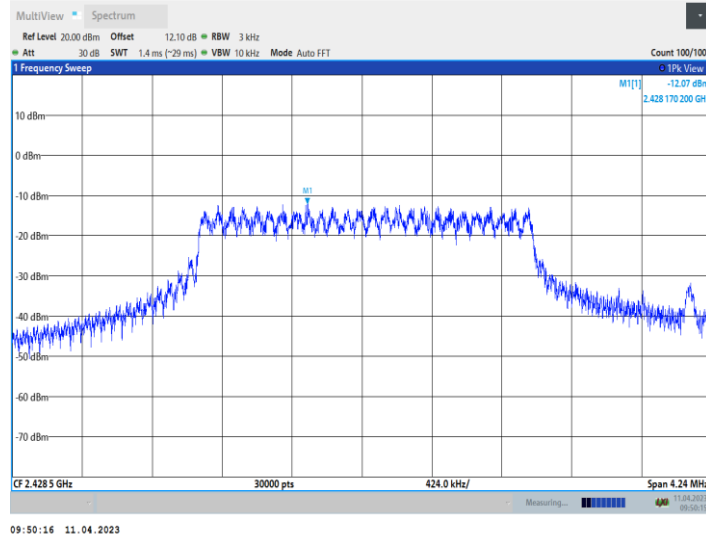
11AX20_Ant10_2412_52Tone_RU37



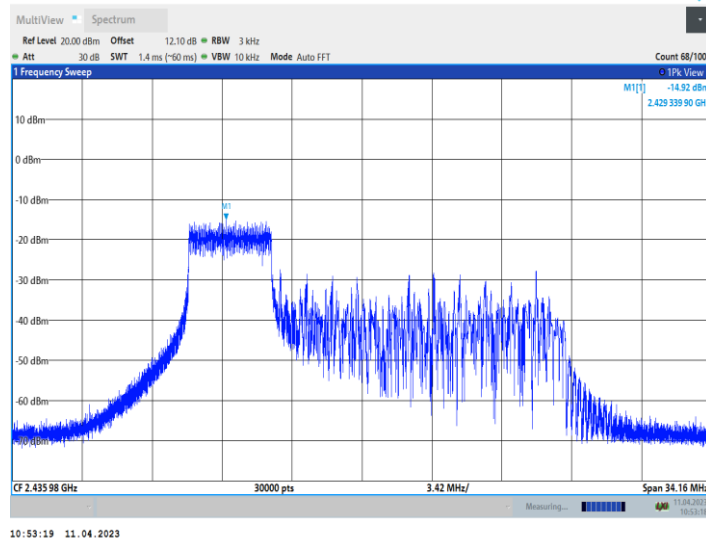
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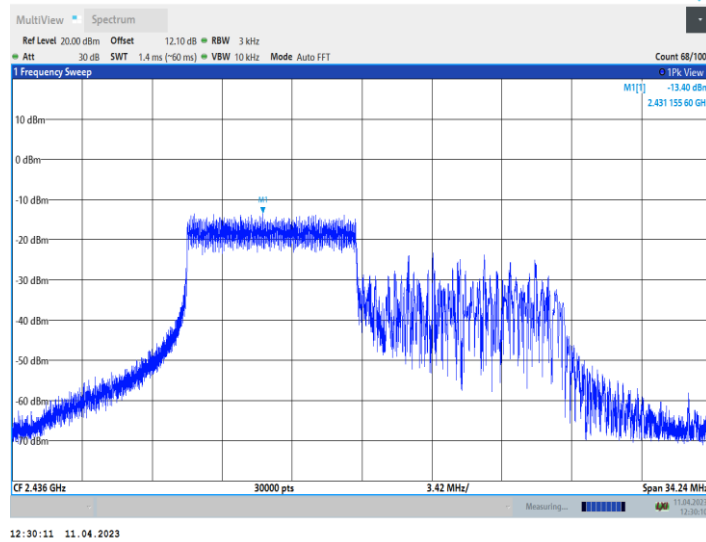
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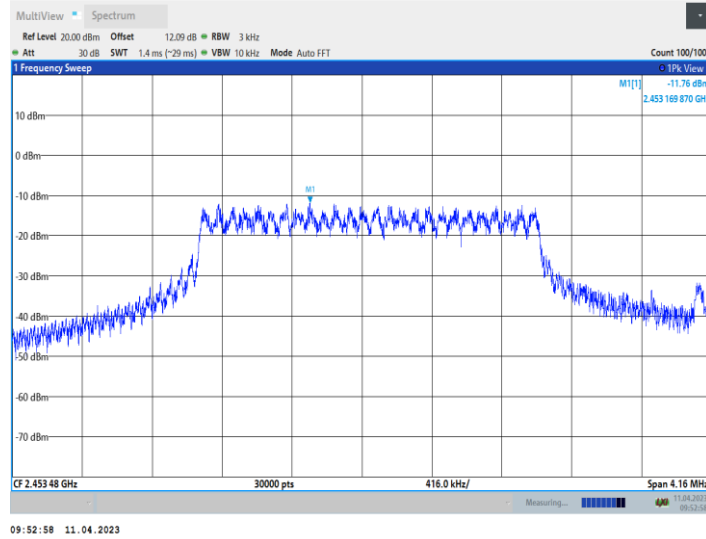
11AX20_Ant10_2437_52Tone_RU37



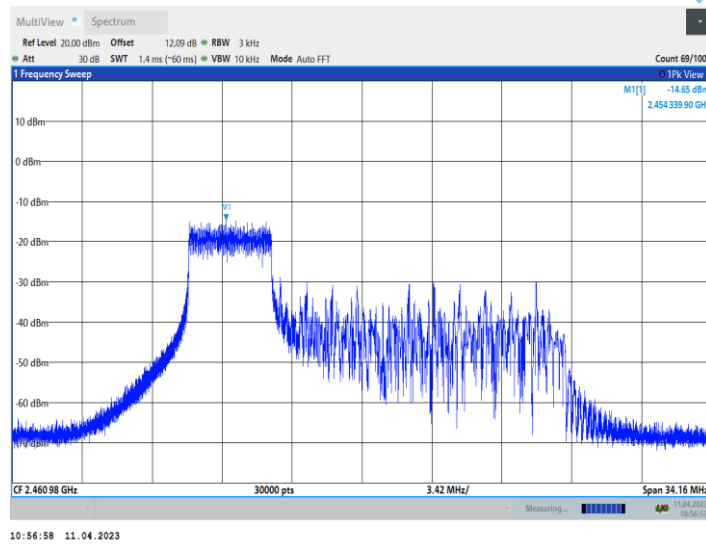
11AX20_Ant10_2437_106Tone_RU53



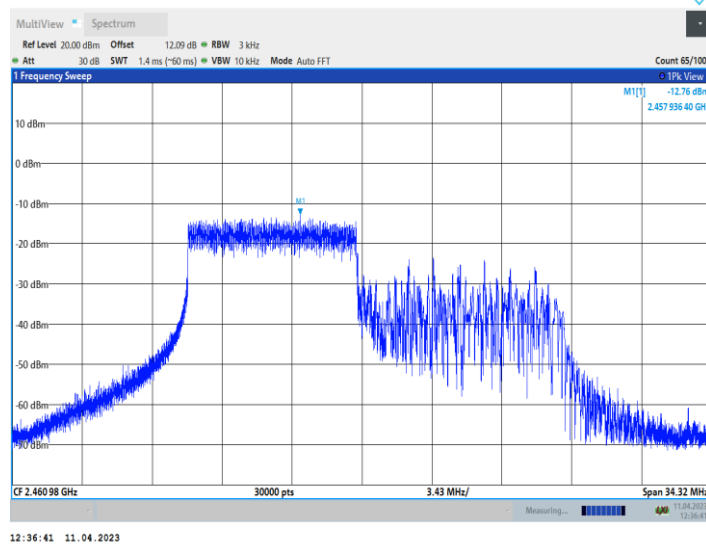
11AX20_Ant10_2462_26Tone_RU0



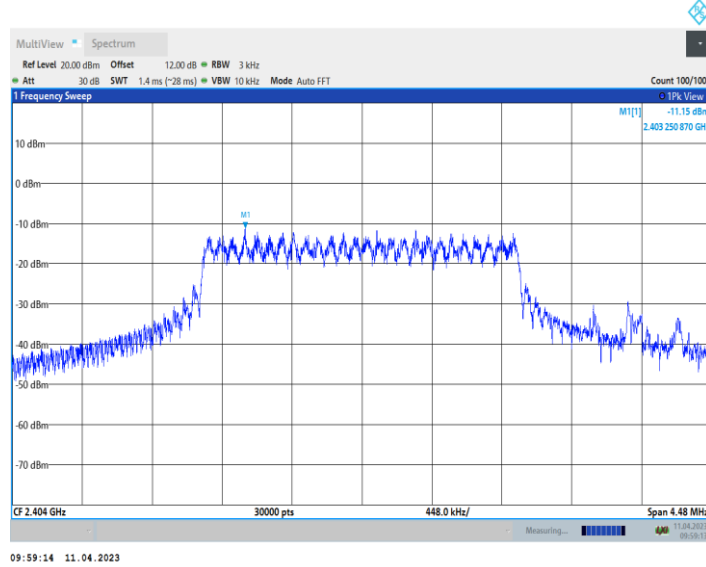
11AX20_Ant10_2462_52Tone_RU37



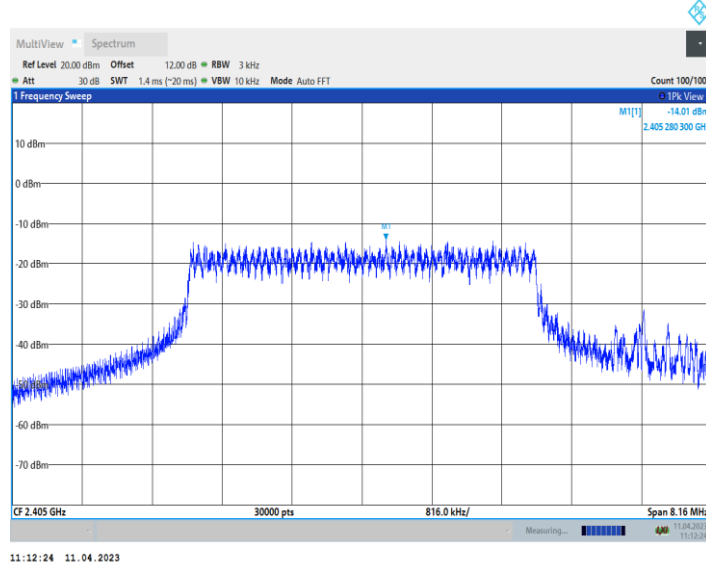
11AX20_Ant10_2462_106Tone_RU53



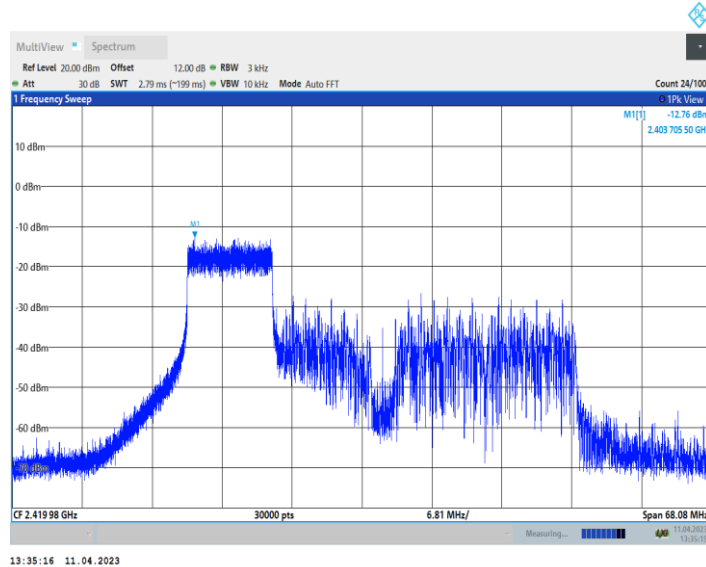
11AX40_Ant10_2422_26Tone_RU0



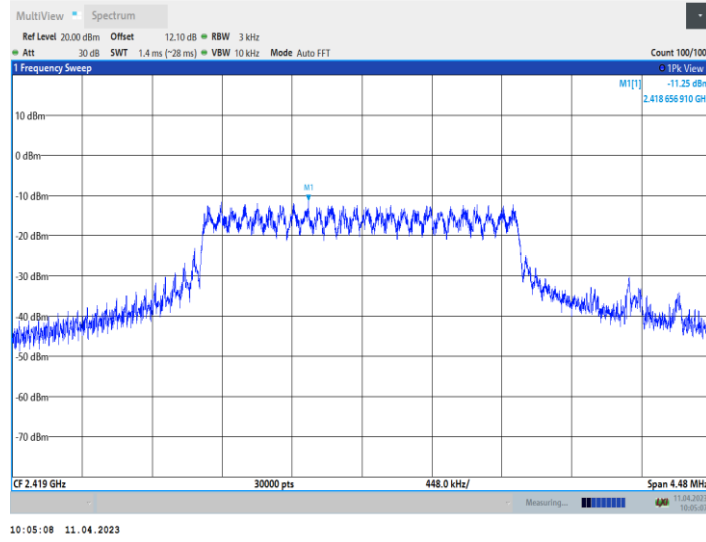
11AX40_Ant10_2422_52Tone_RU37



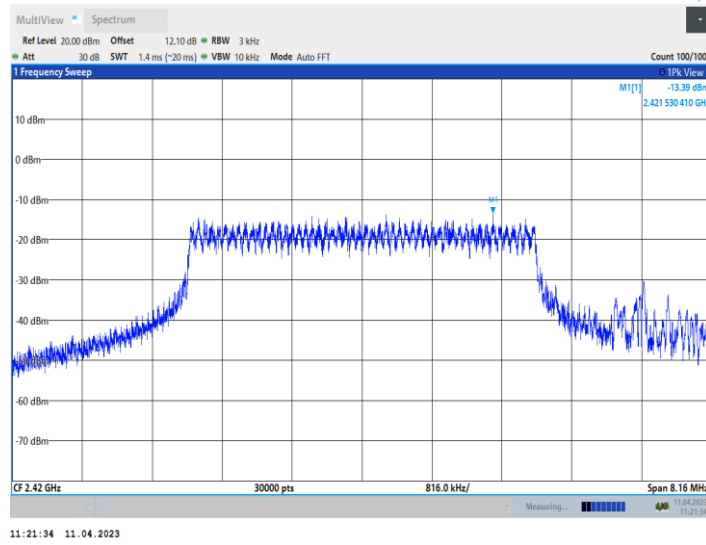
11AX40_Ant10_2422_106Tone_RU53



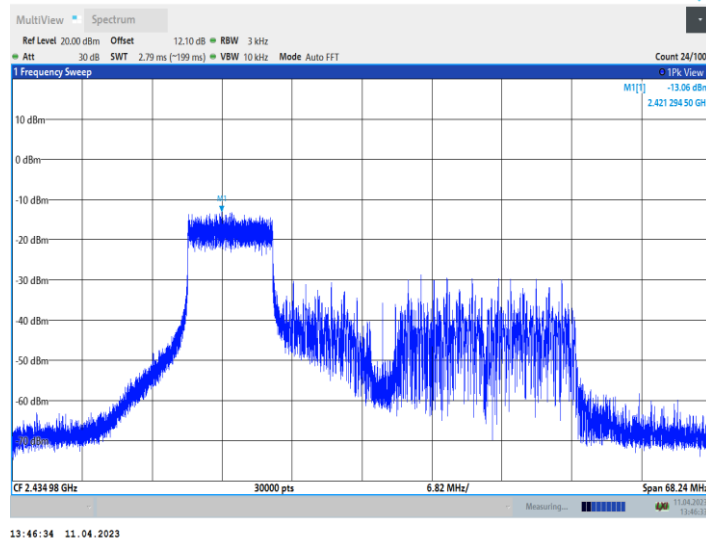
11AX40_Ant10_2437_26Tone_RU0



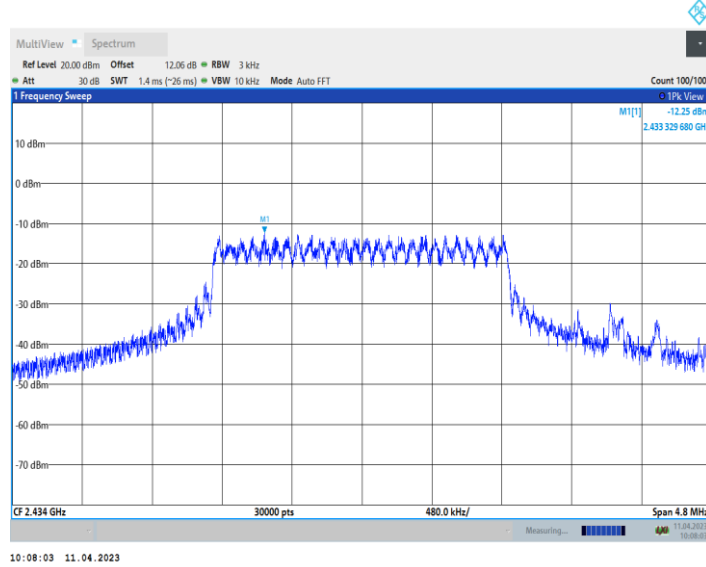
11AX40_Ant10_2437_52Tone_RU37



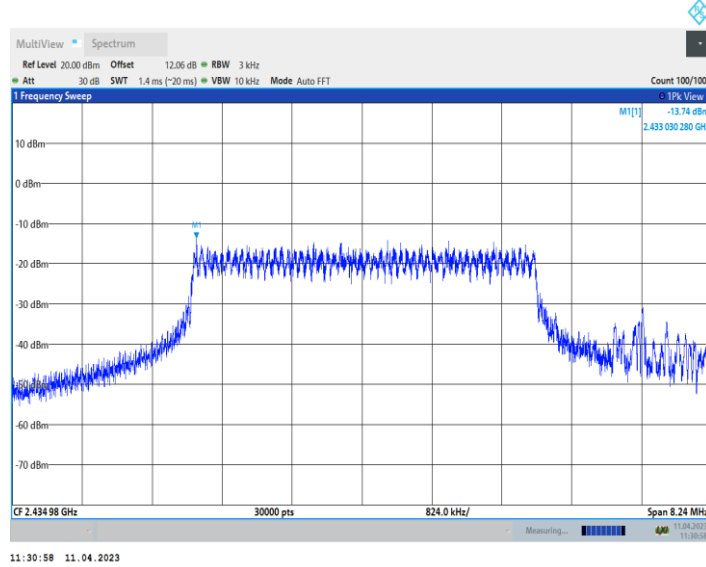
11AX40_Ant10_2437_106Tone_RU53



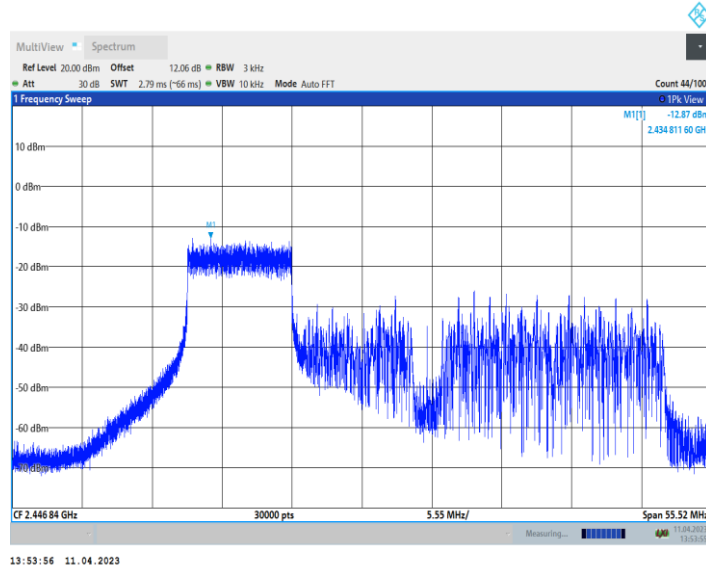
11AX40_Ant10_2452_26Tone_RU0



11AX40_Ant10_2452_52Tone_RU37



11AX40_Ant10_2452_106Tone_RU53



9. CONDUCTED BANDEDGE AND SPURIOUS MEASUREMENT

9.1. LIMITS OF Conducted Bandedge and Spurious Measurement

CFR 47 (FCC) part 15.247 (d)

9.2. TEST PROCEDURE

ANSI C63.10-2013 Clause 11.11

The transmitter output was connected to the spectrum analyzer.

Establish a reference level by using the following procedure:

- a) Set instrument center frequency to DTS channel center frequency.
 - b) Set the span to ≥ 1.5 times the DTS bandwidth.
 - c) Set the RBW = 100 kHz.
 - d) Set the VBW $\geq 3 \times$ RBW.
 - e) Detector = peak.
 - f) Sweep time = auto couple.
 - g) Trace mode = max hold.
 - h) Allow trace to fully stabilize.
 - i) Use the peak marker function to determine the maximum PSD level.
- Emission level measurement
- a) Set the center frequency and span to encompass frequency range to be measured.
 - b) Set the RBW = 100 kHz.
 - c) Set the VBW $\geq 3 \times$ RBW.
 - d) Detector = peak.
 - e) Sweep time = auto couple.
 - f) Trace mode = max hold.
 - g) Allow trace to fully stabilize.
 - h) Use the peak marker function to determine the maximum amplitude level.

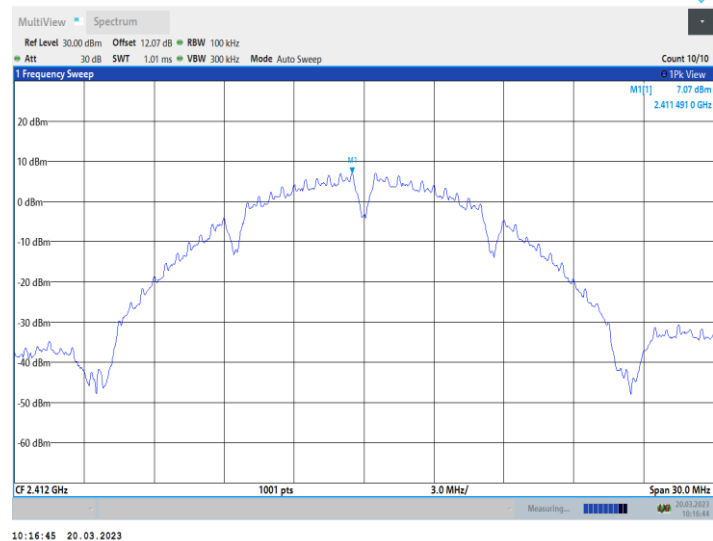
Test Result : All emission outside of 2400-2483.5 are lower at least 20dB than fundamental frequency.

9.3. TEST DATA

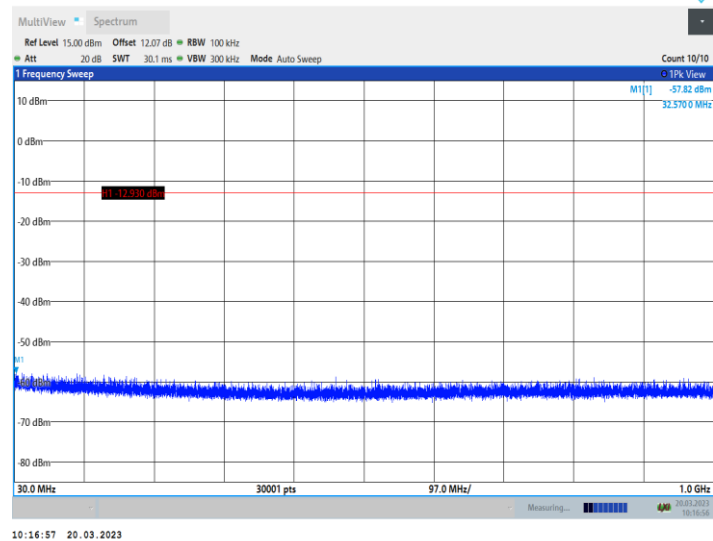
TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant9	2412	Reference	7.07	7.07	---	PASS
			30~1000	7.07	-57.82	≤-12.93	PASS
			1000~26500	7.07	-51.34	≤-12.93	PASS
		2437	Reference	7.59	7.59	---	PASS
			30~1000	7.59	-57.36	≤-12.41	PASS
			1000~26500	7.59	-50.92	≤-12.41	PASS
		2462	Reference	7.20	7.20	---	PASS
			30~1000	7.20	-48.51	≤-12.8	PASS
			1000~26500	7.20	-50.65	≤-12.8	PASS
11G	Ant9	2412	Reference	6.97	6.97	---	PASS
			30~1000	6.97	-57.19	≤-13.03	PASS
			1000~26500	6.97	-51.25	≤-13.03	PASS
		2437	Reference	7.29	7.29	---	PASS
			30~1000	7.29	-56.38	≤-12.71	PASS
			1000~26500	7.29	-52.05	≤-12.71	PASS
		2462	Reference	5.22	5.22	---	PASS
			30~1000	5.22	-57.53	≤-14.78	PASS
			1000~26500	5.22	-51.3	≤-14.78	PASS
11N20	Ant9	2412	Reference	3.96	3.96	---	PASS
			30~1000	3.96	-56.18	≤-16.04	PASS
			1000~26500	3.96	-51.48	≤-16.04	PASS
		2437	Reference	6.32	6.32	---	PASS
			30~1000	6.32	-57.65	≤-13.68	PASS
			1000~26500	6.32	-50.54	≤-13.68	PASS
		2462	Reference	3.93	3.93	---	PASS
			30~1000	3.93	-57.18	≤-16.07	PASS
			1000~26500	3.93	-50.37	≤-16.07	PASS
11N40	Ant9	2422	Reference	0.49	0.49	---	PASS
			30~1000	0.49	-57.44	≤-19.51	PASS
			1000~26500	0.49	-51.31	≤-19.51	PASS
		2437	Reference	3.28	3.28	---	PASS
			30~1000	3.28	-57.58	≤-16.72	PASS
			1000~26500	3.28	-51.53	≤-16.72	PASS
		2452	Reference	-1.71	-1.71	---	PASS
			30~1000	-1.71	-57.46	≤-21.71	PASS
			1000~26500	-1.71	-51.12	≤-21.71	PASS
11AC20	Ant9	2412	Reference	6.04	6.04	---	PASS
			30~1000	6.04	-57.84	≤-13.96	PASS
			1000~26500	6.04	-51.06	≤-13.96	PASS
		2437	Reference	6.53	6.53	---	PASS
			30~1000	6.53	-57.27	≤-13.47	PASS
			1000~26500	6.53	-51.92	≤-13.47	PASS
		2462	Reference	4.02	4.02	---	PASS
			30~1000	4.02	-57.51	≤-15.98	PASS
			1000~26500	4.02	-51.34	≤-15.98	PASS
11AC40	Ant9	2422	Reference	2.58	2.58	---	PASS
			30~1000	2.58	-56.98	≤-17.42	PASS
			1000~26500	2.58	-51.85	≤-17.42	PASS
		2437	Reference	3.35	3.35	---	PASS
			30~1000	3.35	-57.62	≤-16.65	PASS
			1000~26500	3.35	-51.16	≤-16.65	PASS
		2452	Reference	2.75	2.75	---	PASS
			30~1000	2.75	-51.18	≤-17.25	PASS
			1000~26500	2.75	-51.21	≤-17.25	PASS
11AX20	Ant9	2412	Reference	2.38	2.38	---	PASS
			30~1000	2.38	-57.42	≤-17.62	PASS
			1000~26500	2.38	-51.38	≤-17.62	PASS
		2437	Reference	4.83	4.83	---	PASS
			30~1000	4.83	-57.93	≤-15.17	PASS
			1000~26500	4.83	-51.26	≤-15.17	PASS
		2462	Reference	1.15	1.15	---	PASS

			30~1000	1.15	-57.22	≤ -18.85	PASS
			1000~26500	1.15	-51.69	≤ -18.85	PASS
11AX40	Ant9	2422	Reference	-1.26	-1.26	---	PASS
			30~1000	-1.26	-57.83	≤ -21.26	PASS
			1000~26500	-1.26	-51.46	≤ -21.26	PASS
		2437	Reference	2.22	2.22	---	PASS
			30~1000	2.22	-45.27	≤ -17.78	PASS
			1000~26500	2.22	-51.47	≤ -17.78	PASS
		2452	Reference	-4.10	-4.10	---	PASS
			30~1000	-4.10	-57.7	≤ -24.1	PASS
			1000~26500	-4.10	-51.2	≤ -24.1	PASS

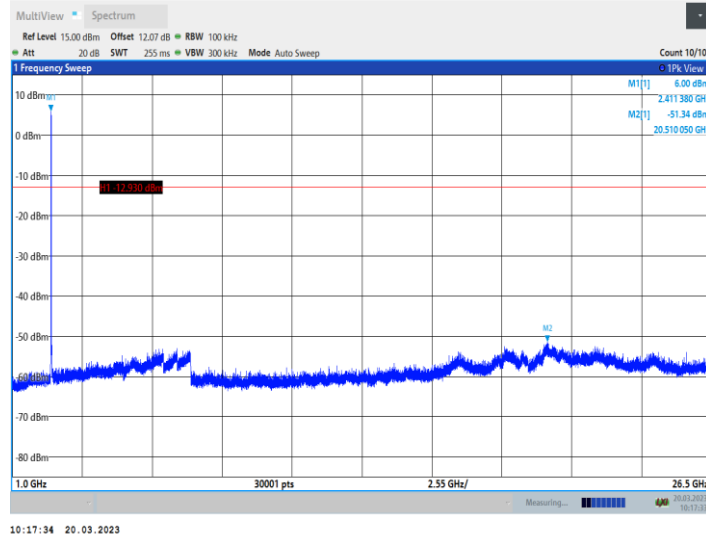
11B_Ant9_2412_0~Reference



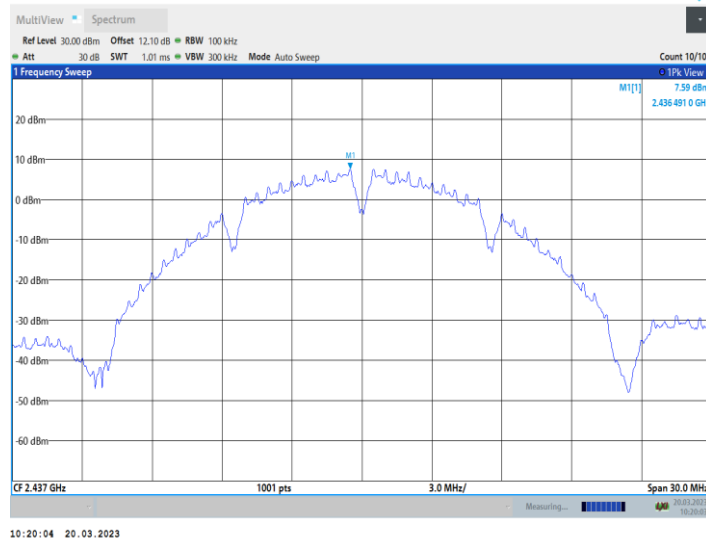
11B_Ant9_2412_30~1000



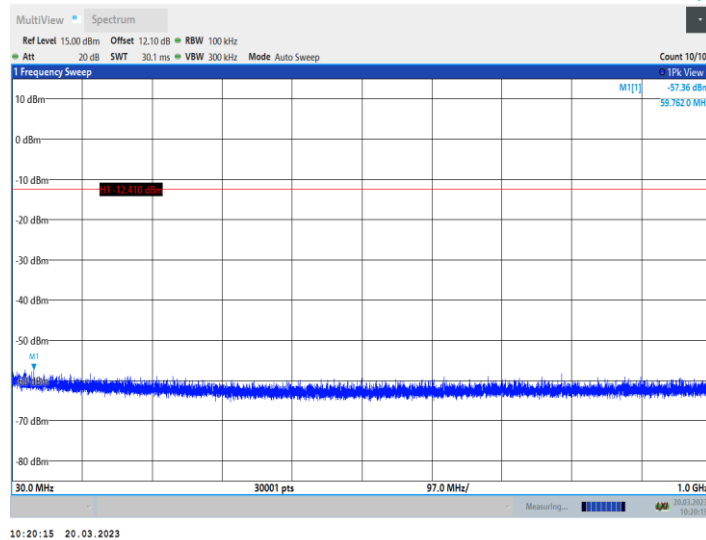
11B_Ant9_2412_1000~26500



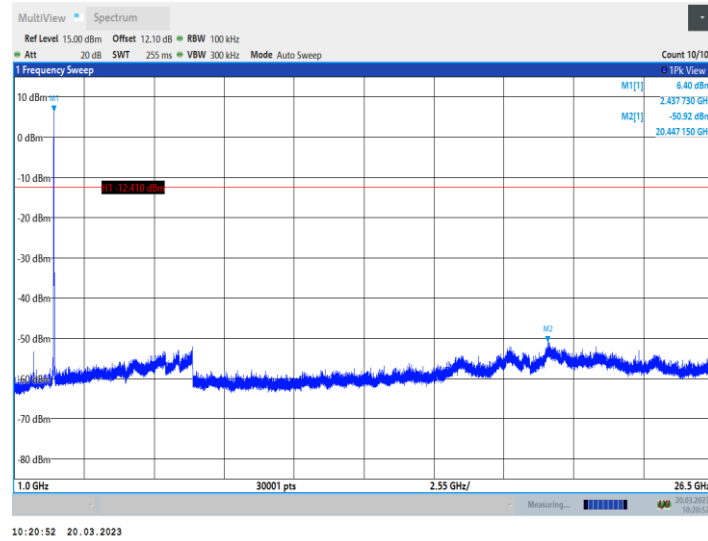
11B_Ant9_2437_0~Reference



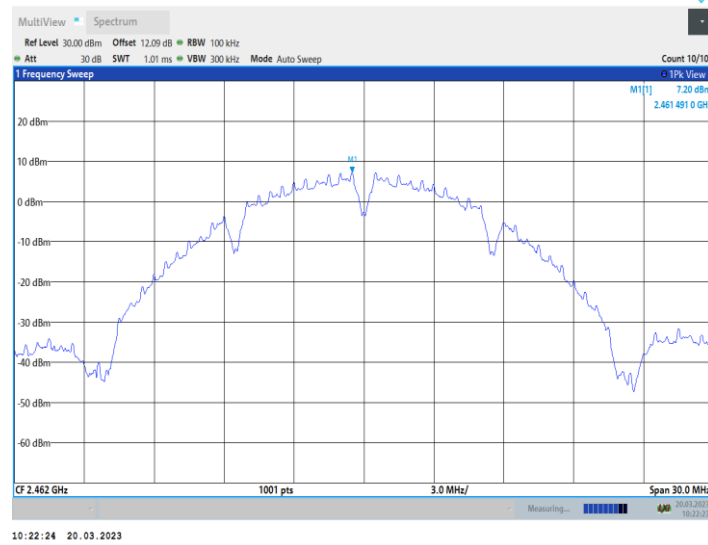
11B_Ant9_2437_30~1000



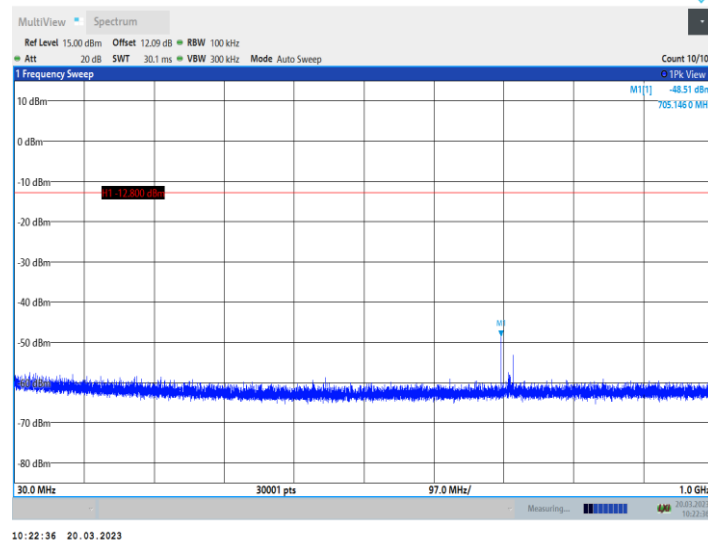
11B_Ant9_2437_1000~26500



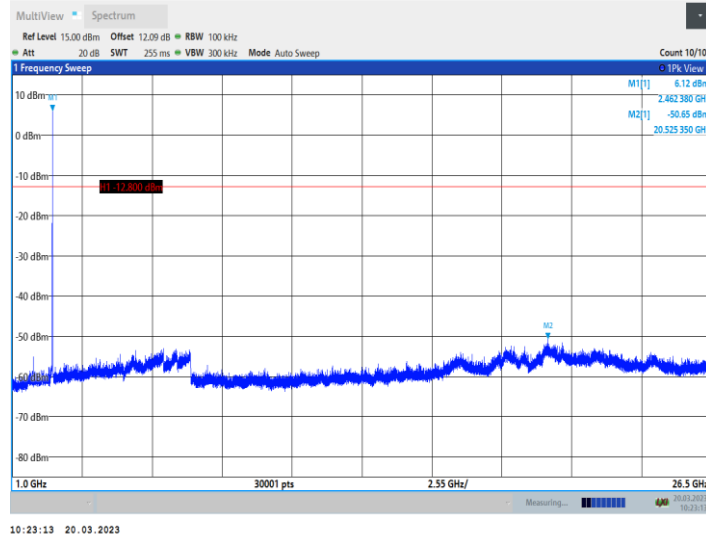
11B_Ant9_2462_0~Reference



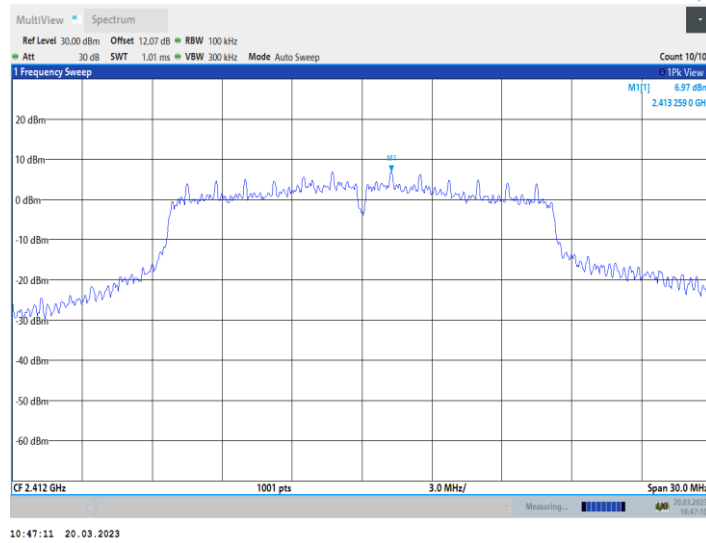
11B_Ant9_2462_30~1000



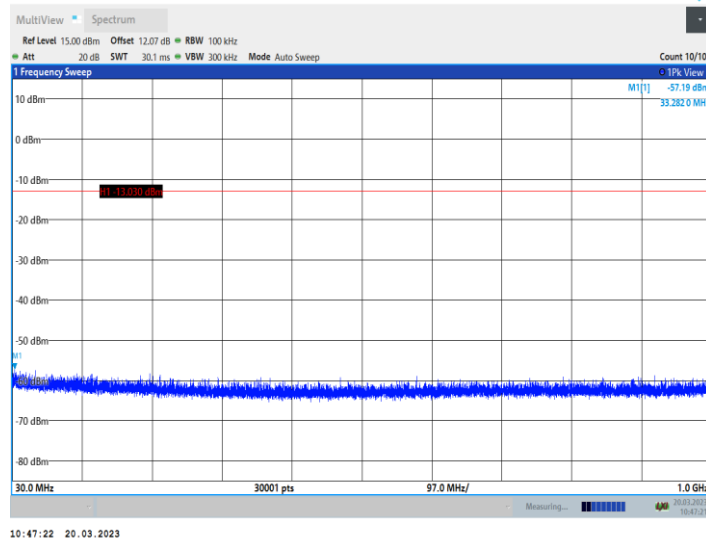
11B_Ant9_2462_1000~26500



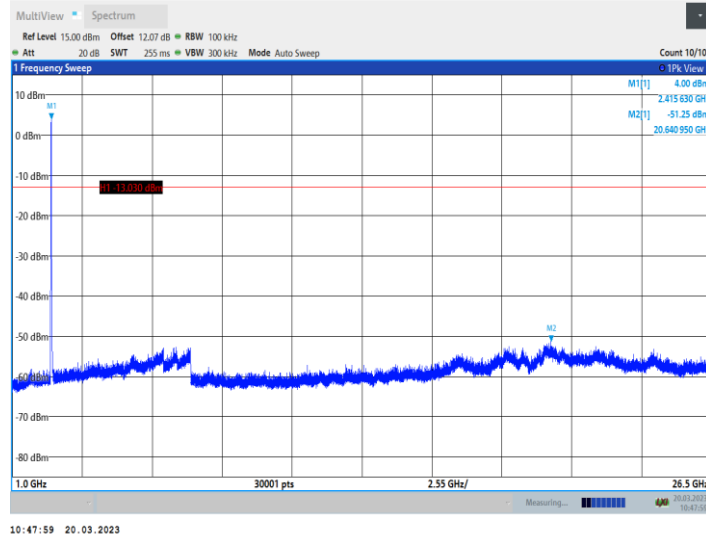
11G_Ant9_2412_0~Reference



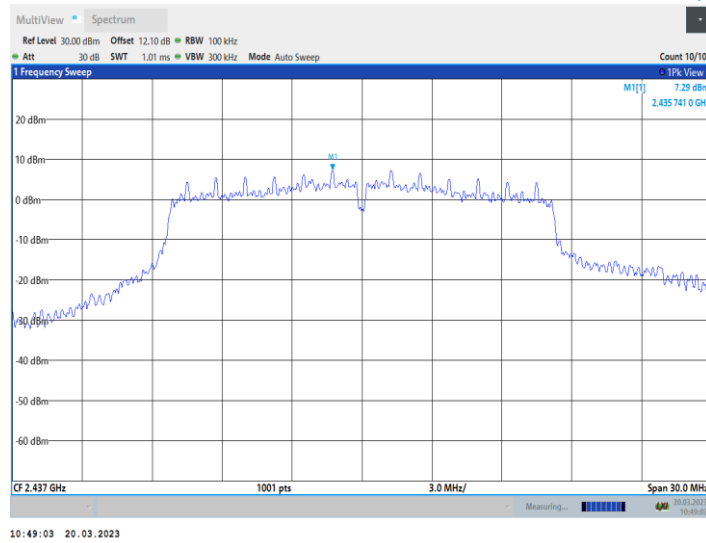
11G_Ant9_2412_30~1000



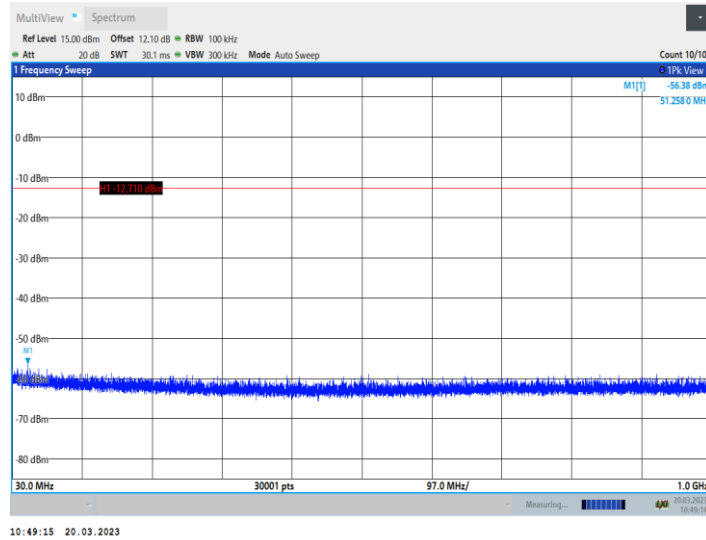
11G_Ant9_2412_1000~26500



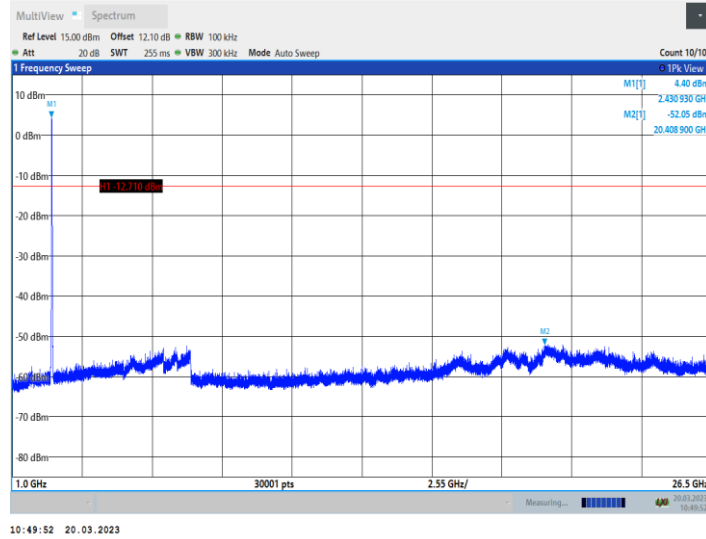
11G_Ant9_2437_0~Reference



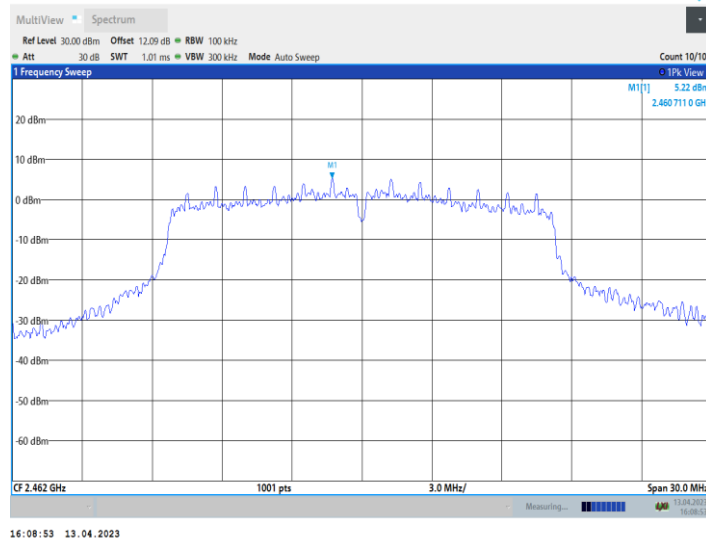
11G_Ant9_2437_30~1000



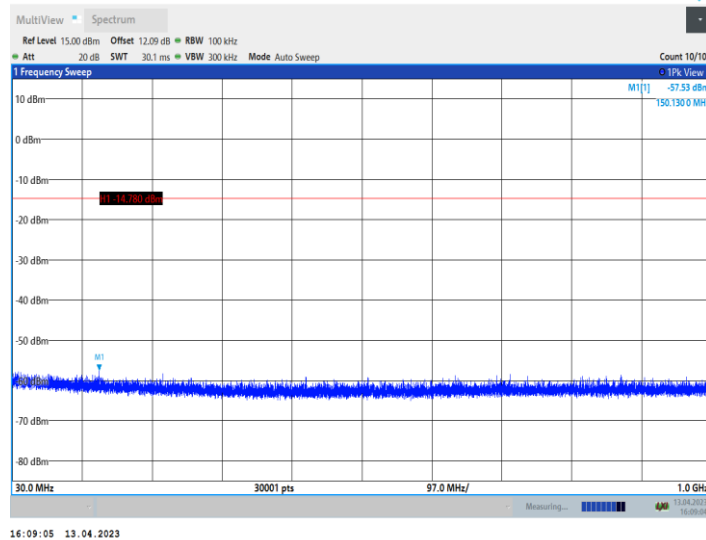
11G_Ant9_2437_1000~26500



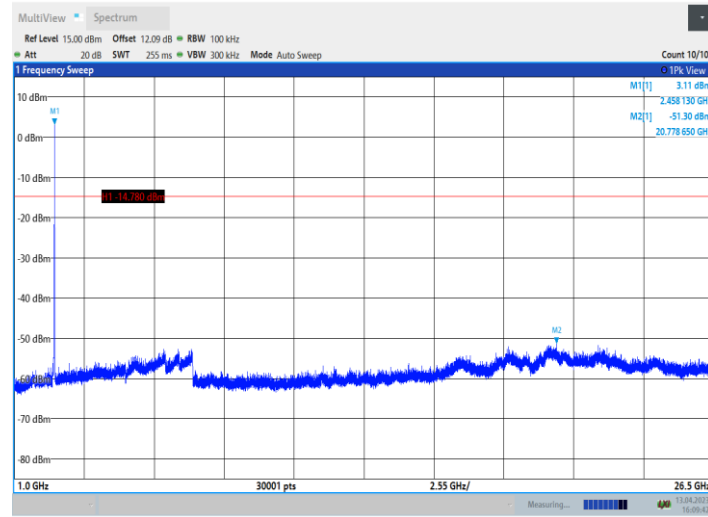
11G_Ant9_2462_0~Reference



11G_Ant9_2462_30~1000

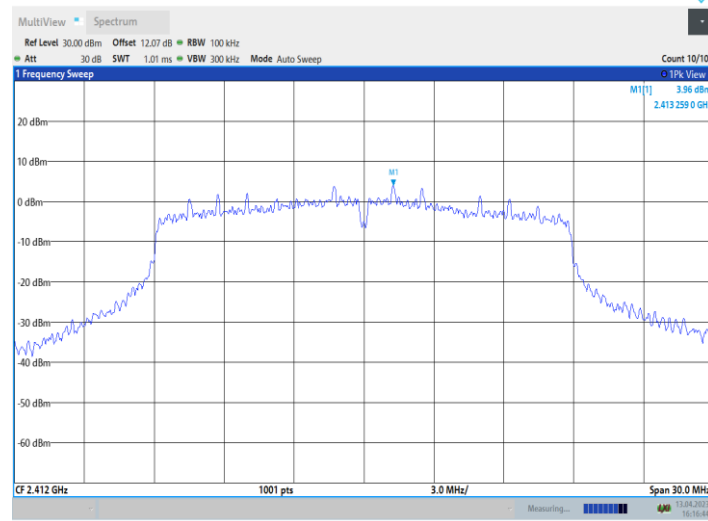


11G_Ant9_2462_1000~26500



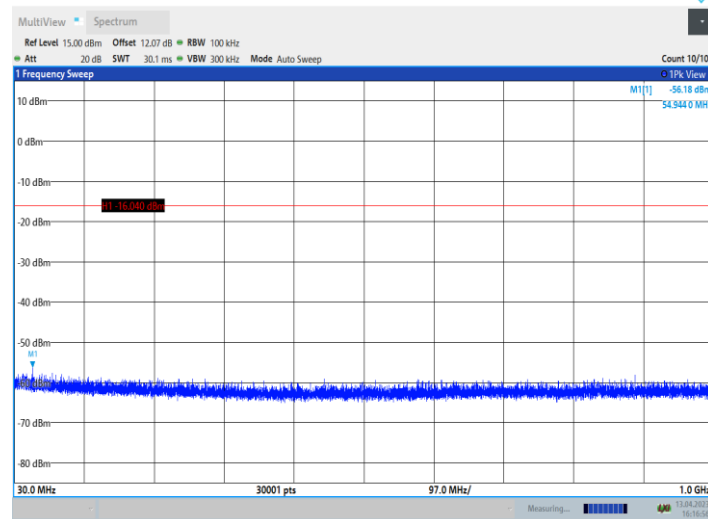
16:09:42 13.04.2023

11N20_Ant9_2412_0~Reference



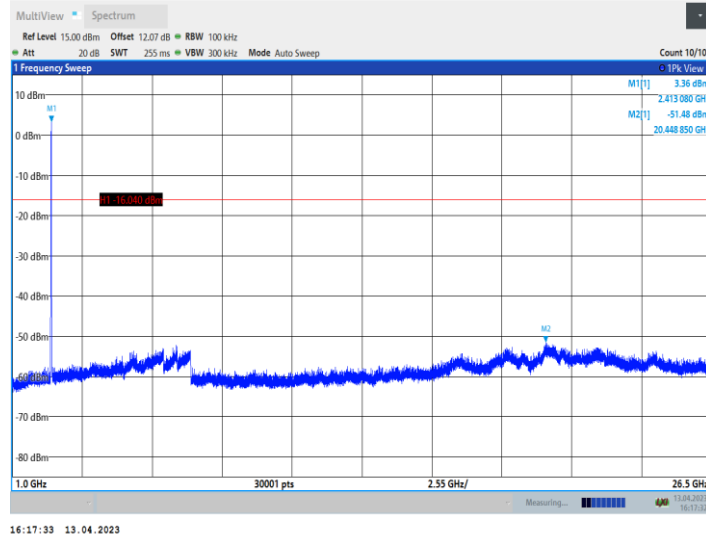
16:16:44 13.04.2023

11N20_Ant9_2412_30~1000

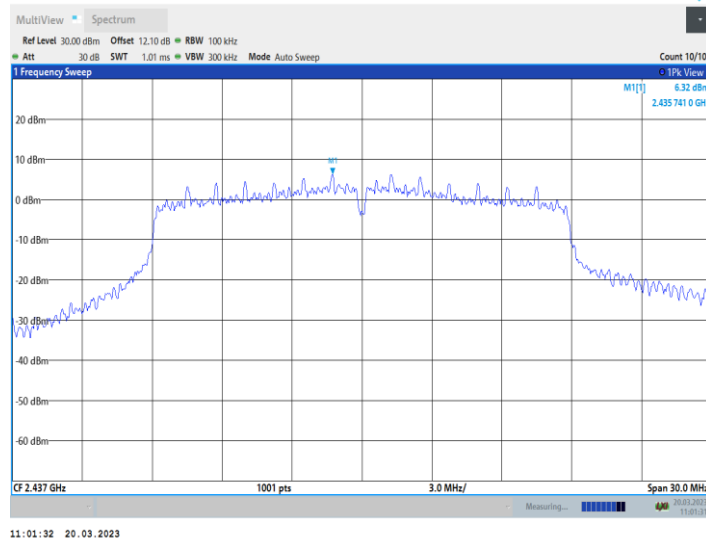


16:16:56 13.04.2023

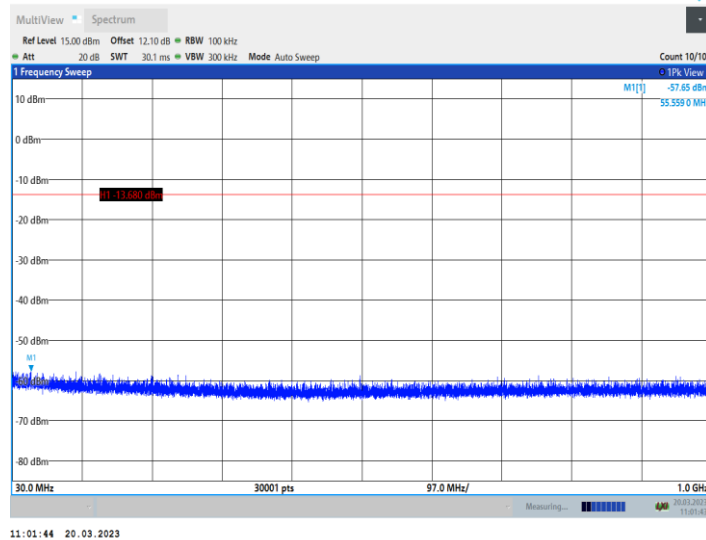
11N20_Ant9_2412_1000~26500



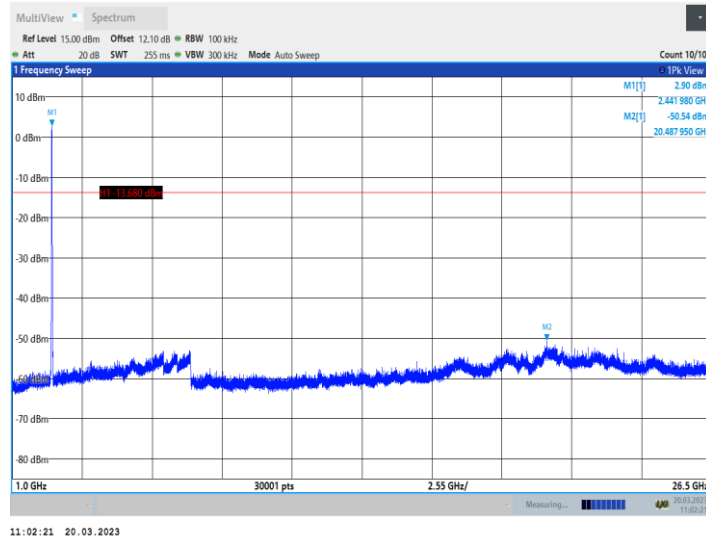
11N20_Ant9_2437_0~Reference



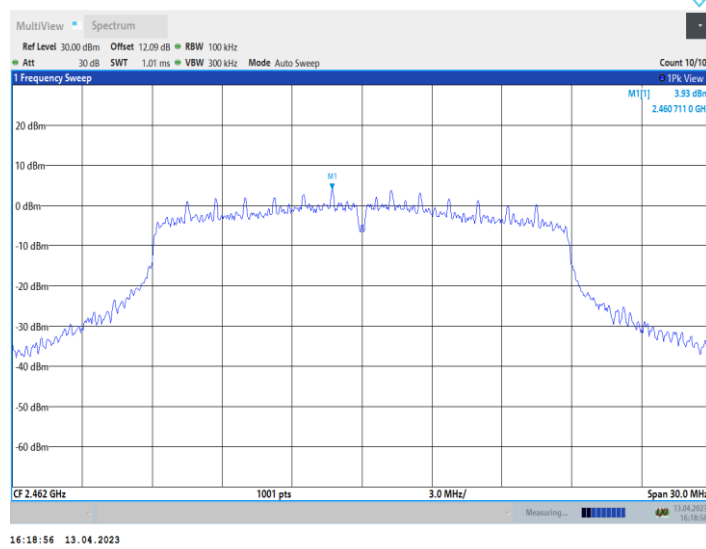
11N20_Ant9_2437_30~1000



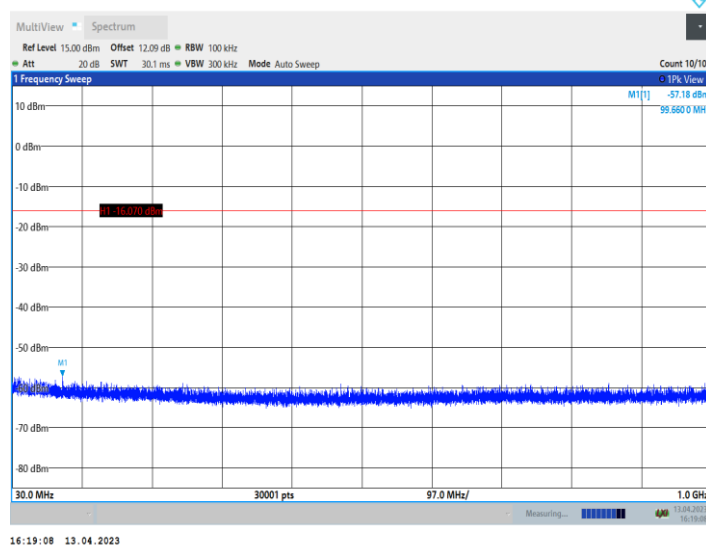
11N20_Ant9_2437_1000~26500



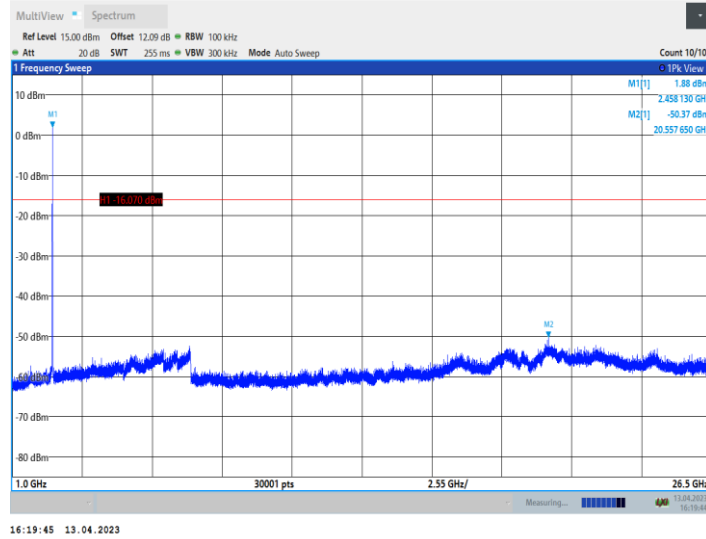
11N20_Ant9_2462_0~Reference



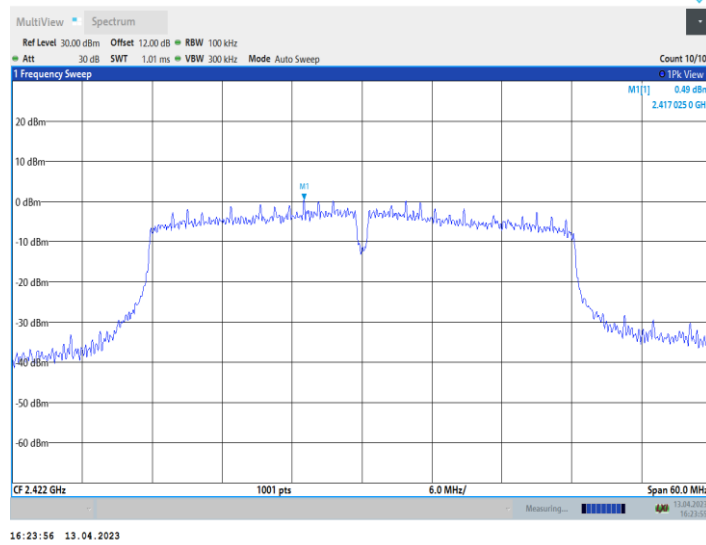
11N20_Ant9_2462_30~1000



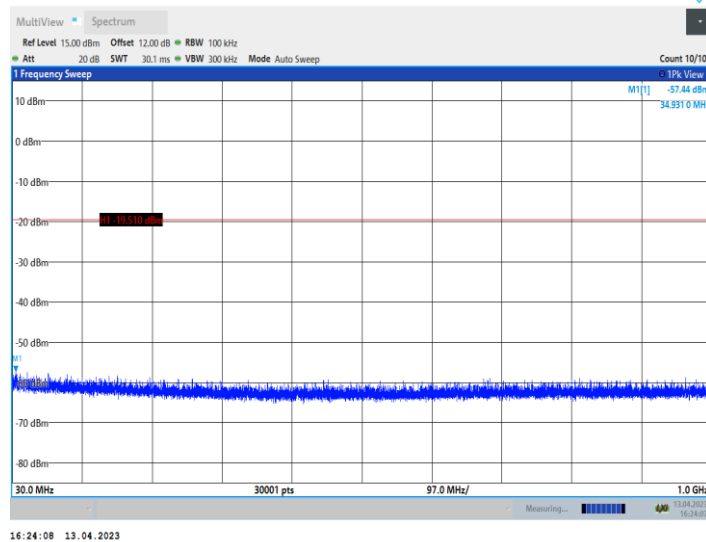
11N20_Ant9_2462_1000~26500



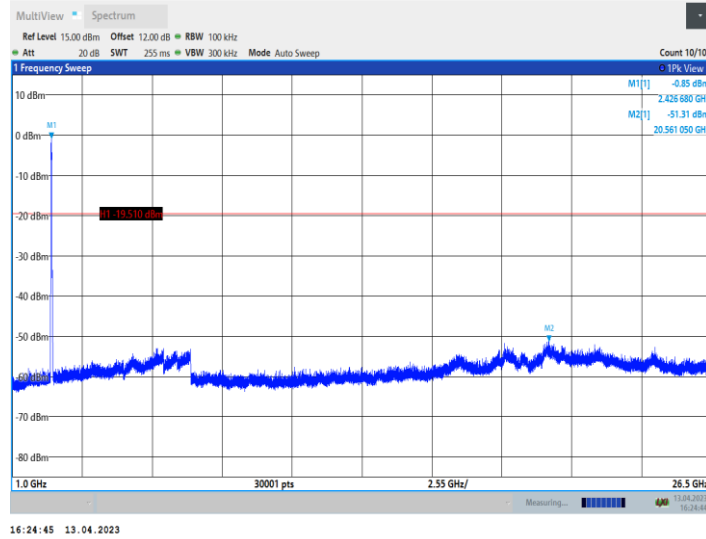
11N40_Ant9_2422_0~Reference



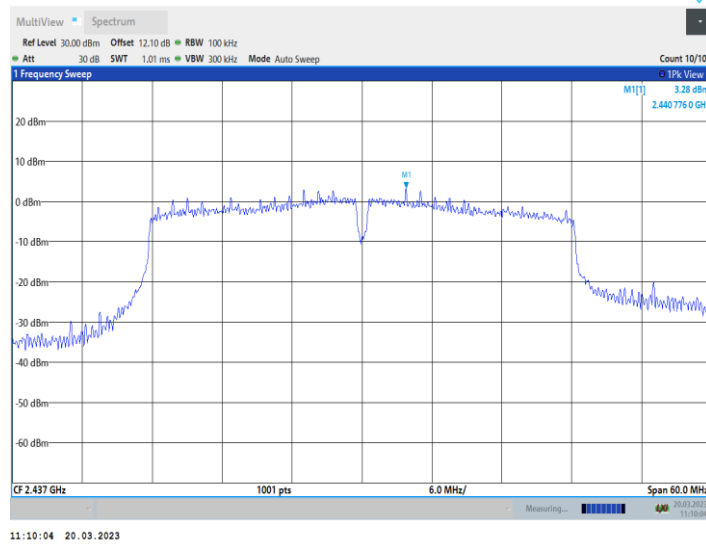
11N40_Ant9_2422_30~1000



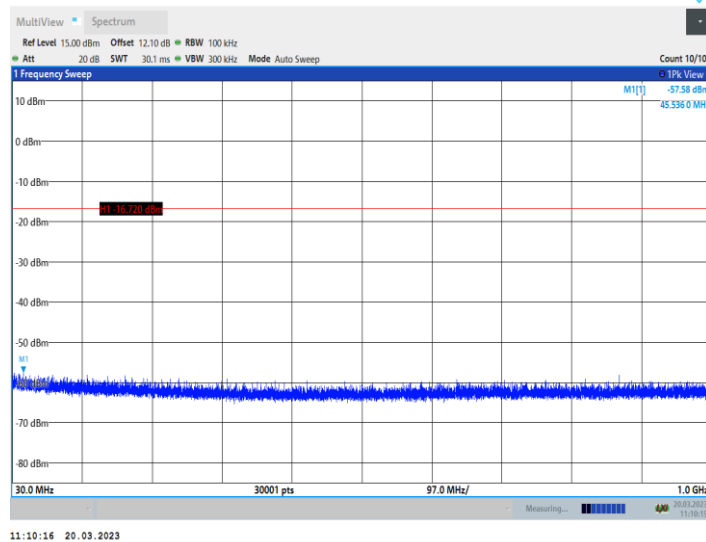
11N40_Ant9_2422_1000~26500



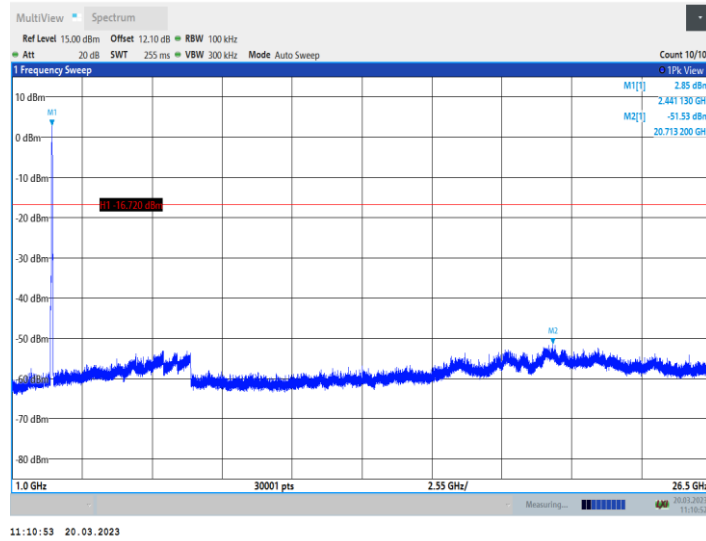
11N40_Ant9_2437_0~Reference



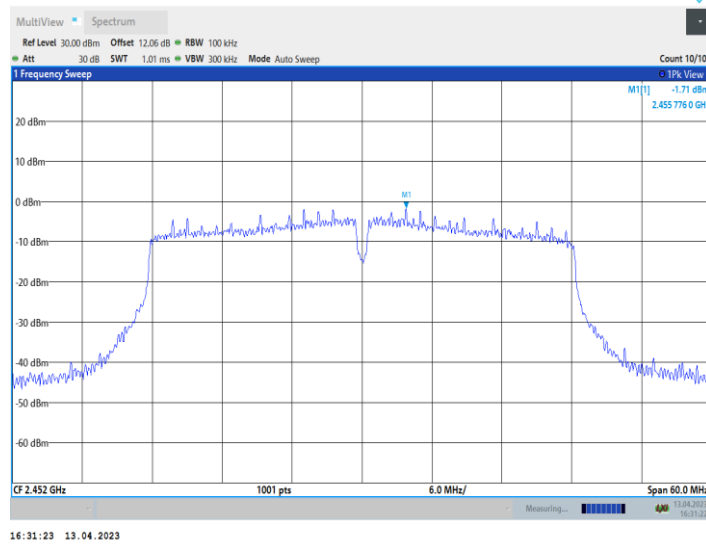
11N40_Ant9_2437_30~1000



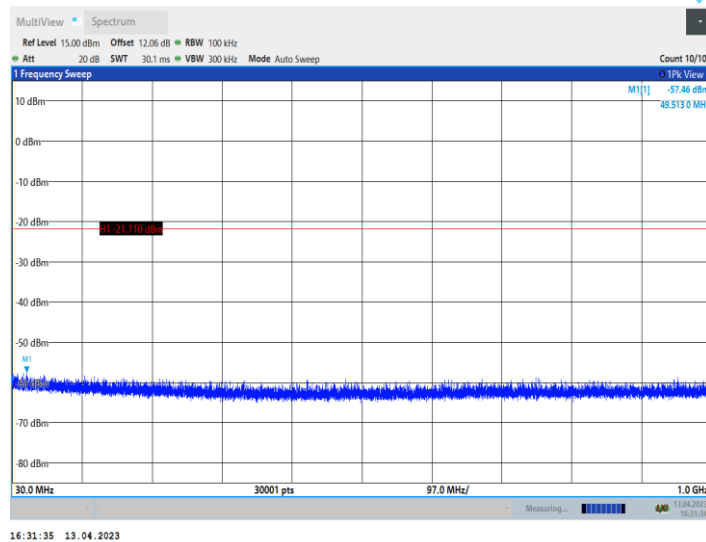
11N40_Ant9_2437_1000~26500



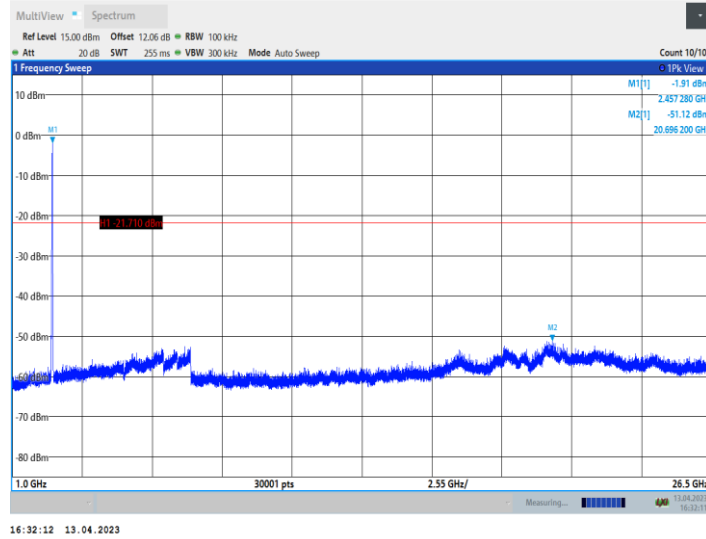
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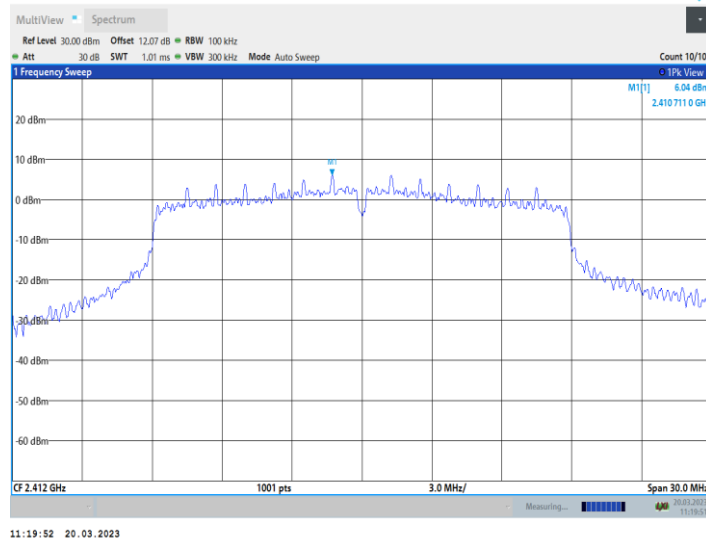
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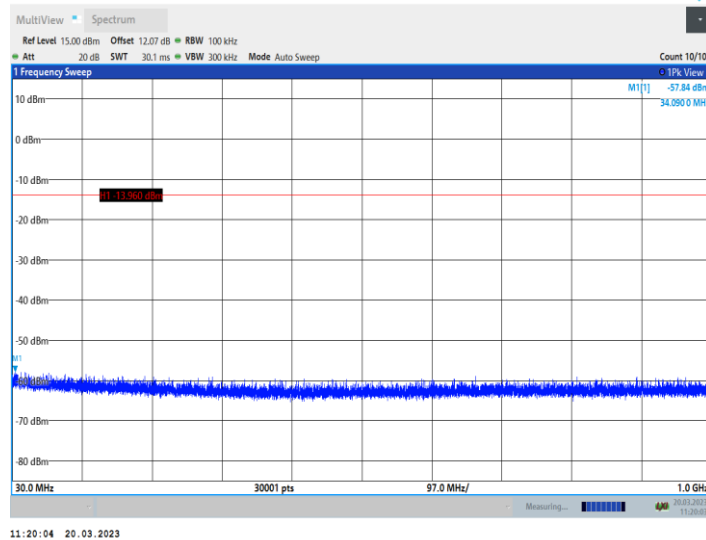
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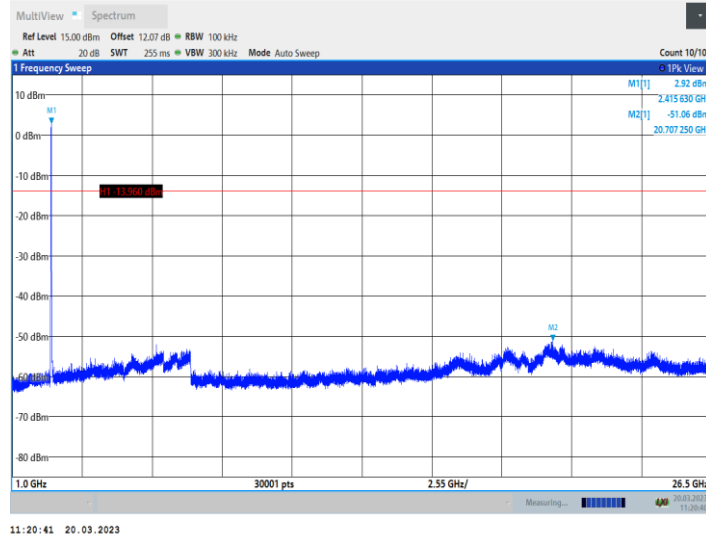
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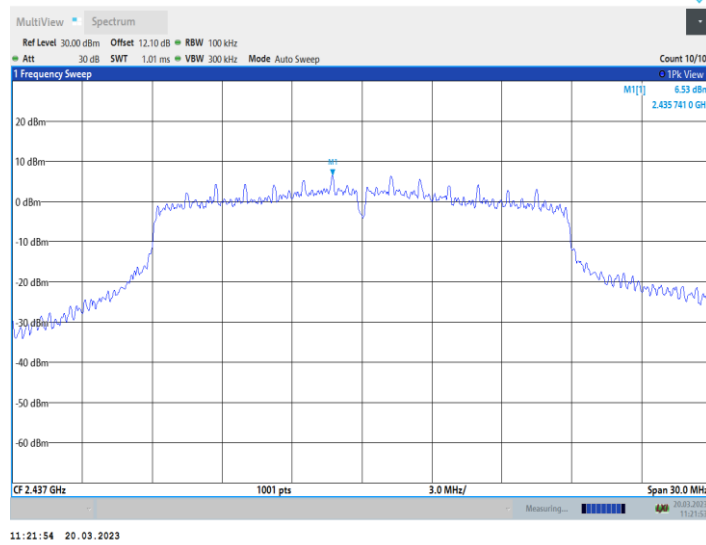
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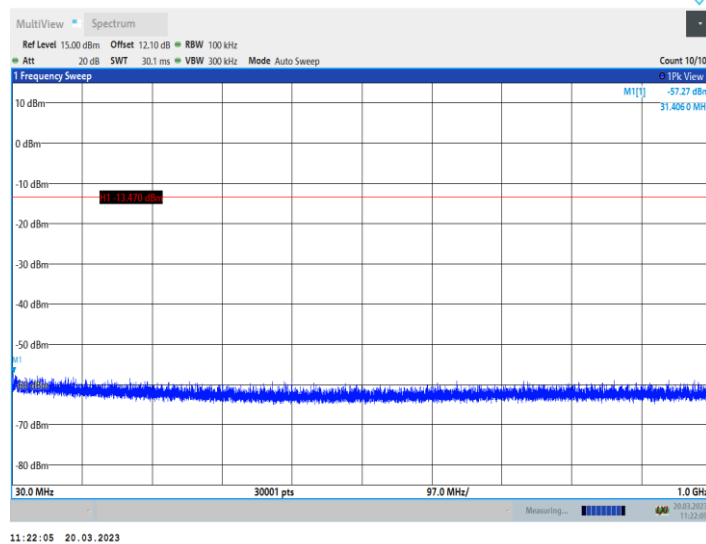
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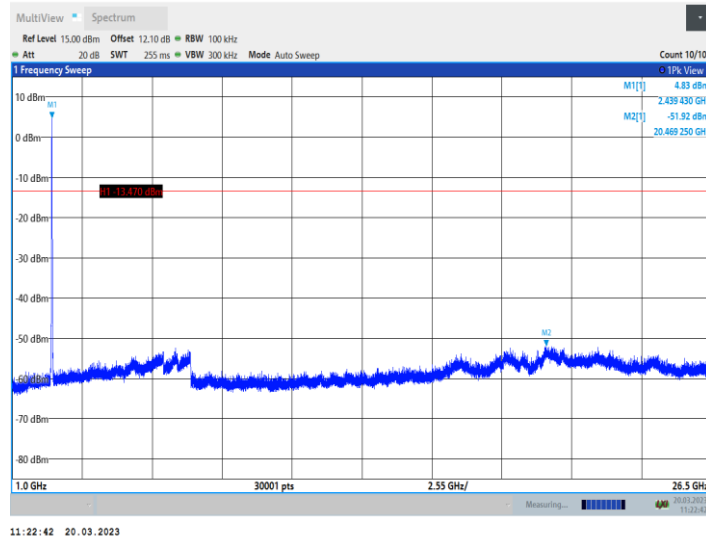
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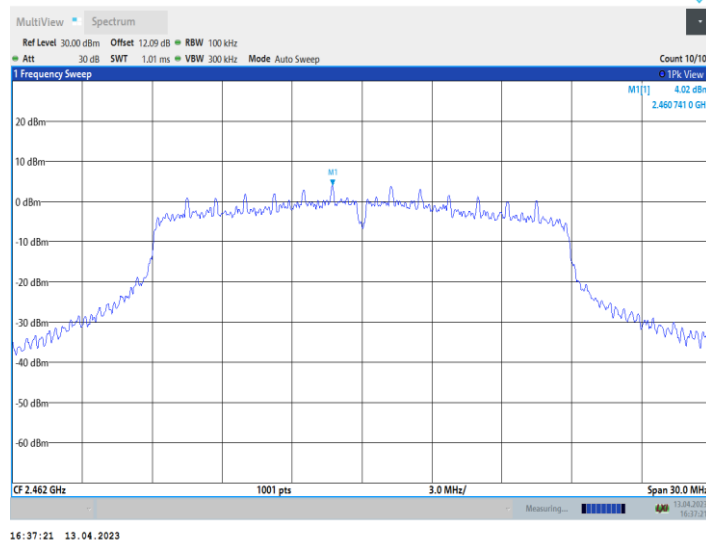
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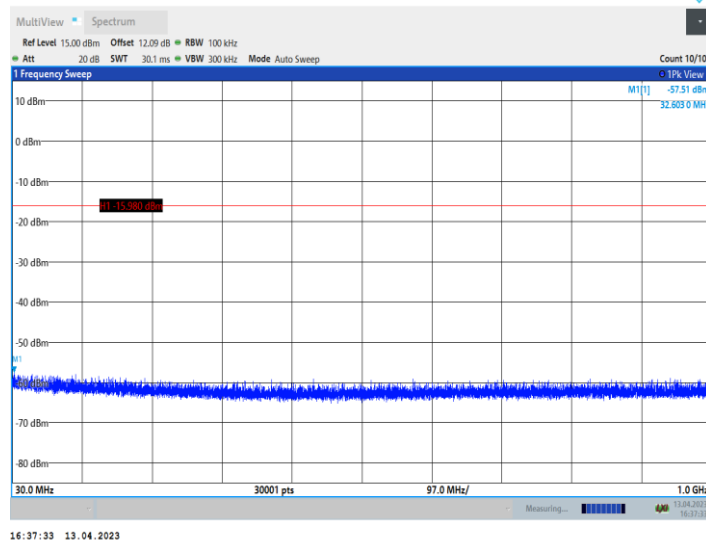
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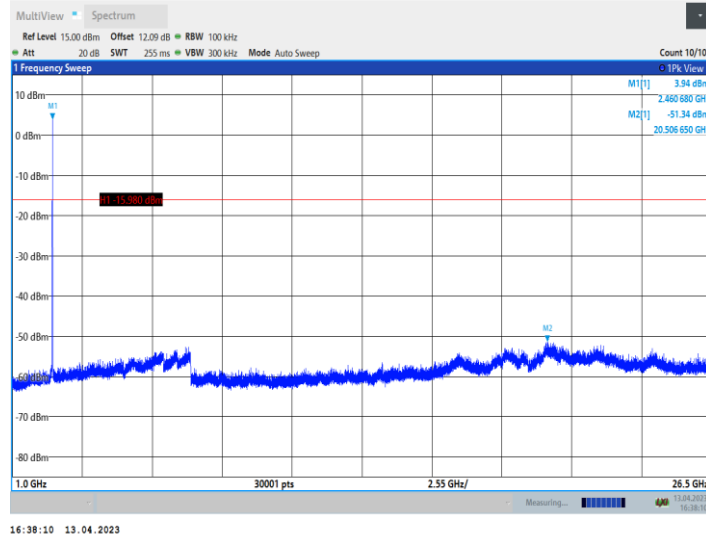
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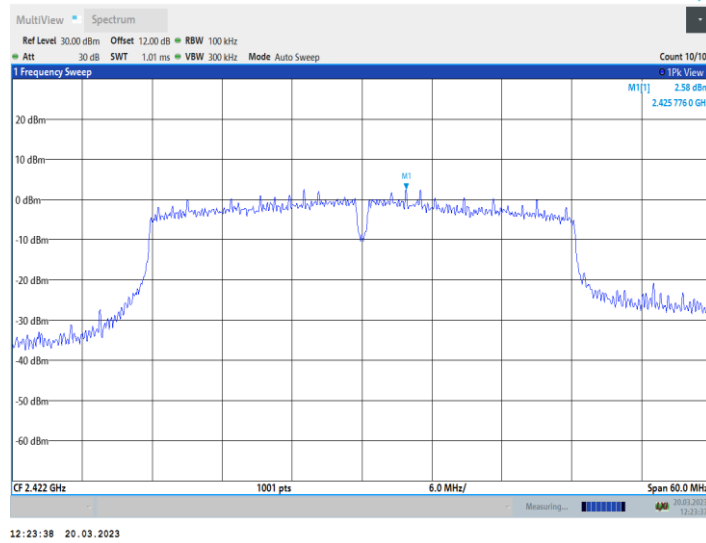
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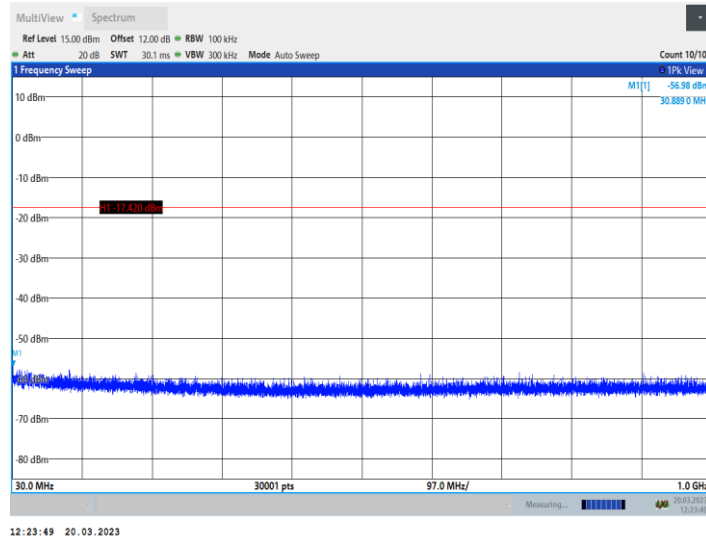
11AC20_Ant9_2462_1000~26500



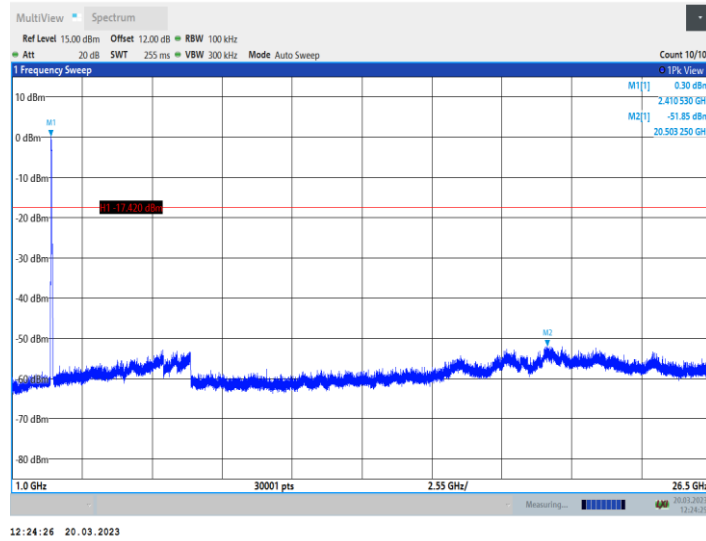
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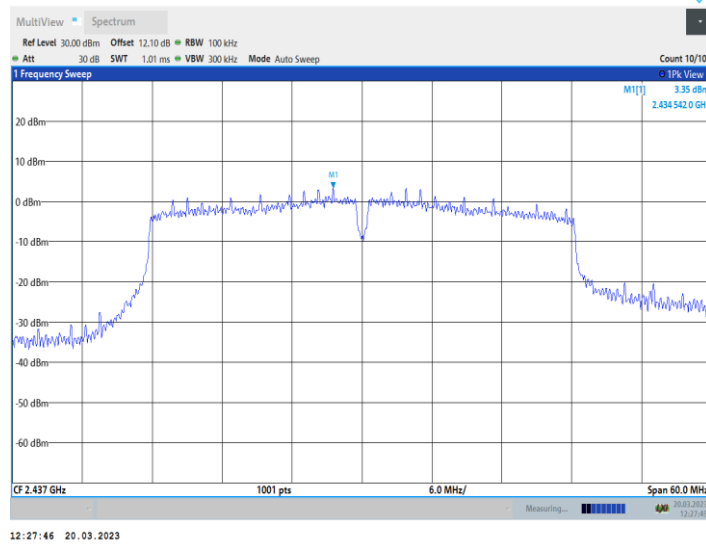
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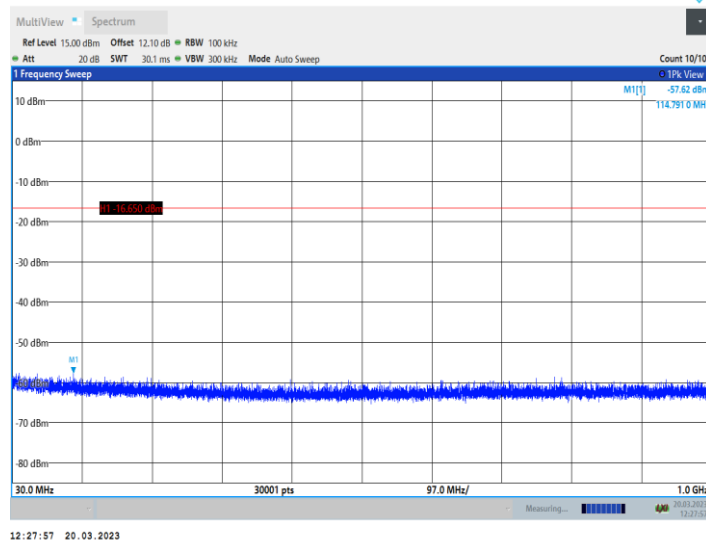
11AC40_Ant9_2422_1000~26500



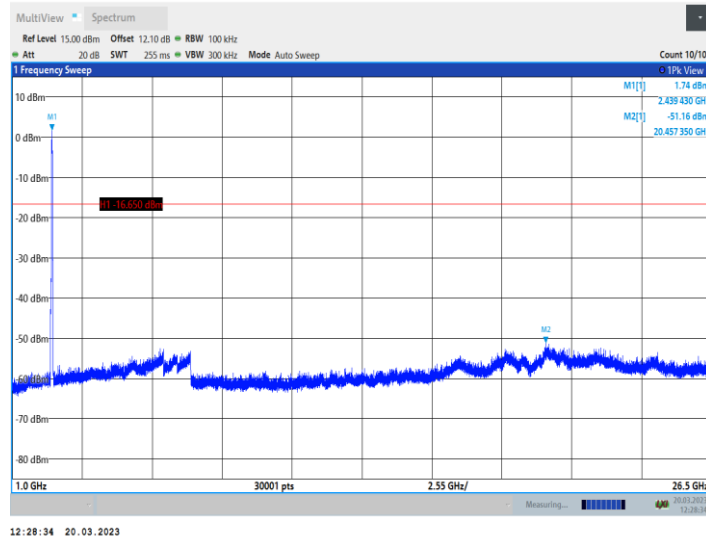
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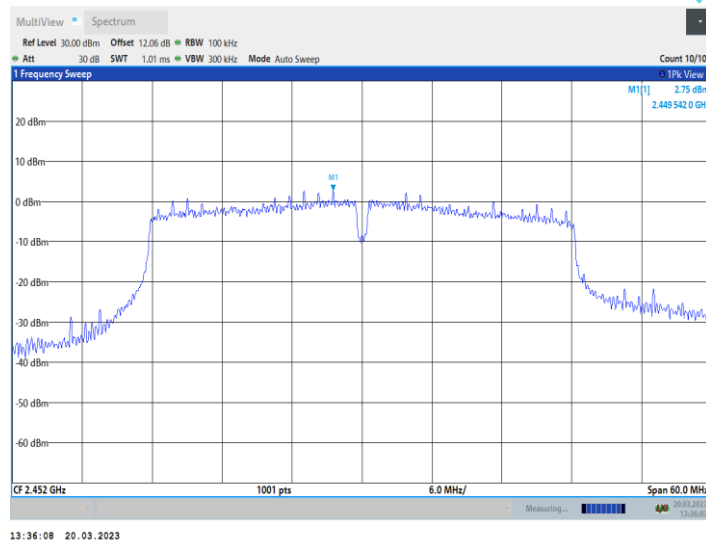
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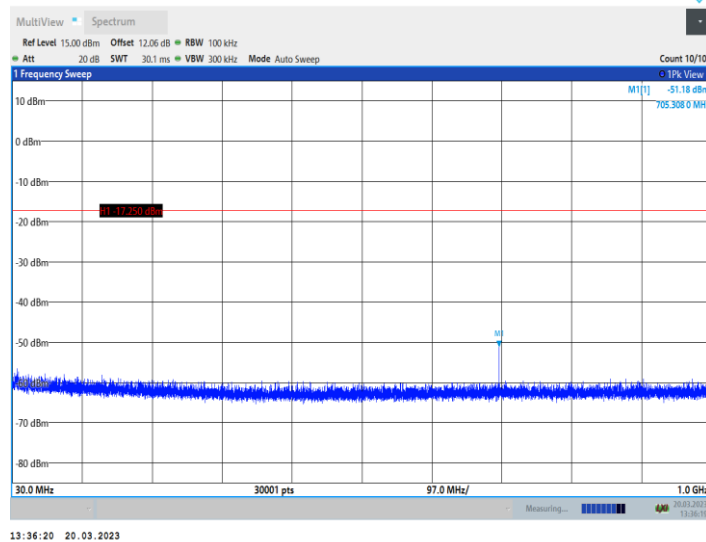
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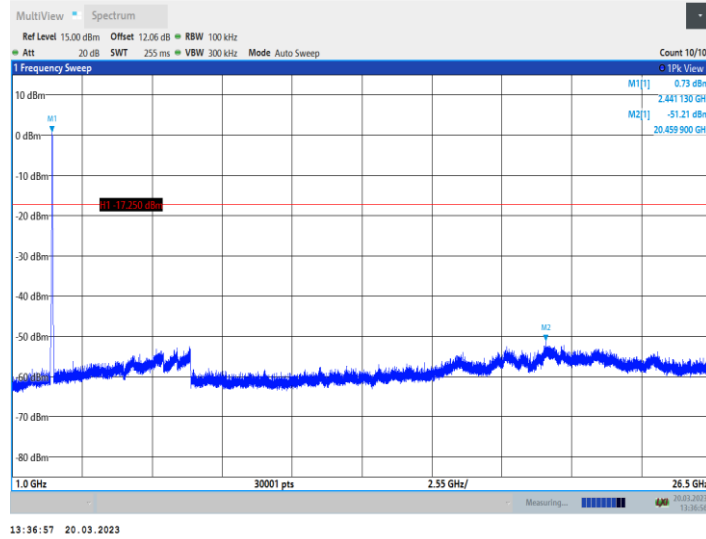
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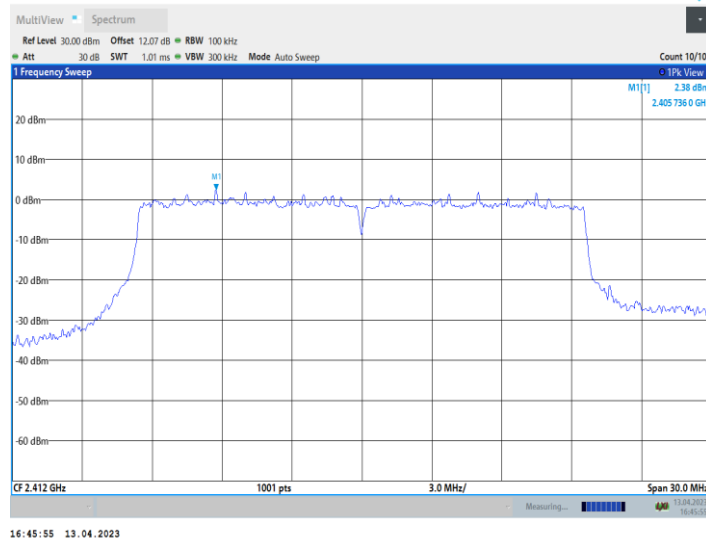
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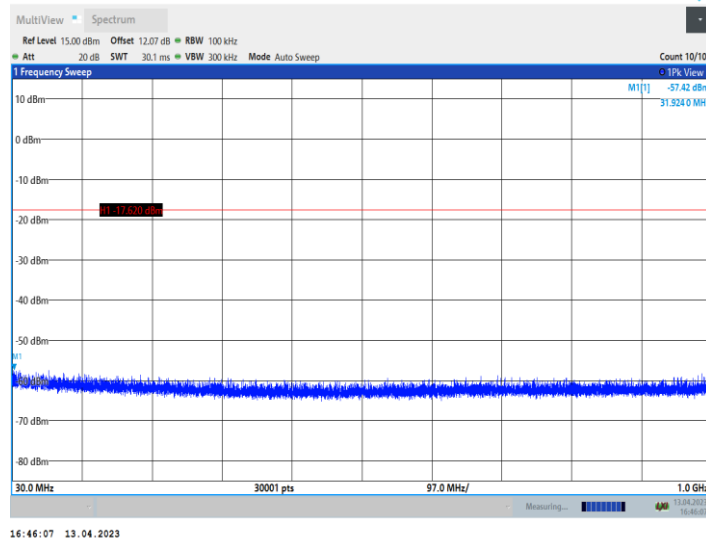
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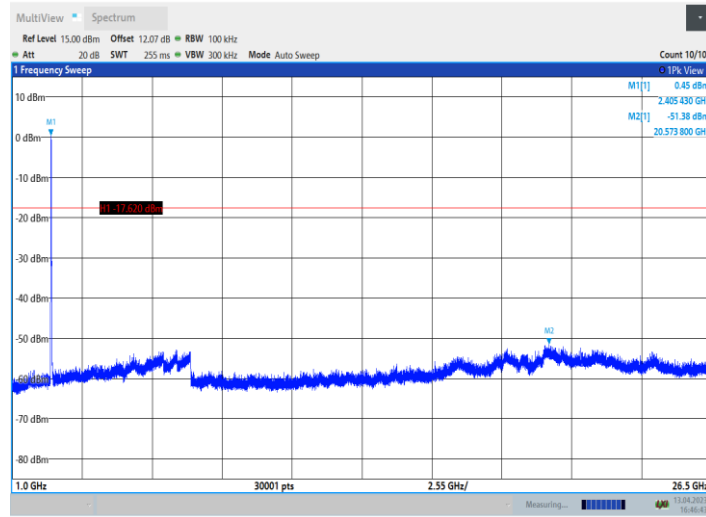
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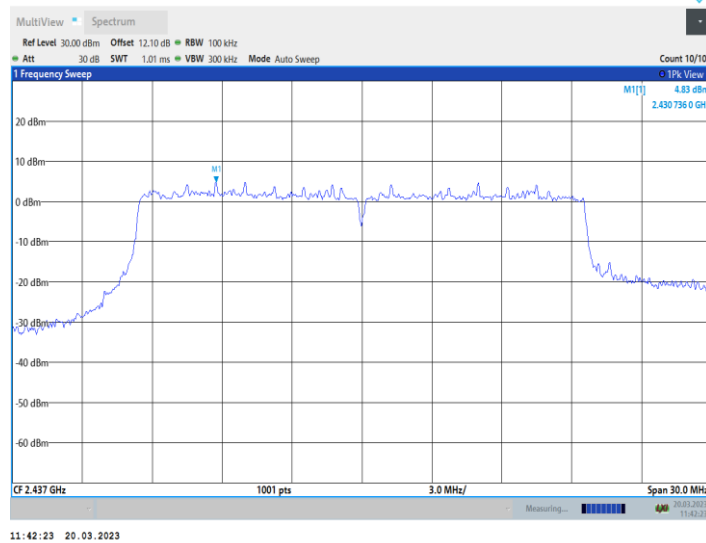
11AX20_Ant9_2412_30~1000



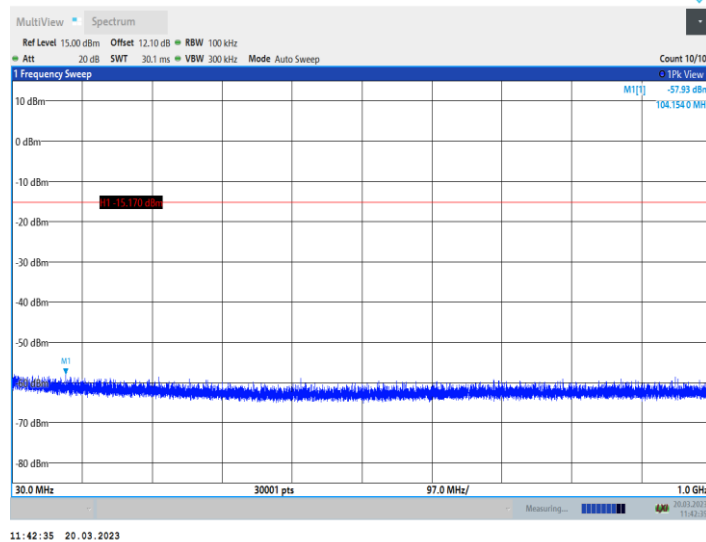
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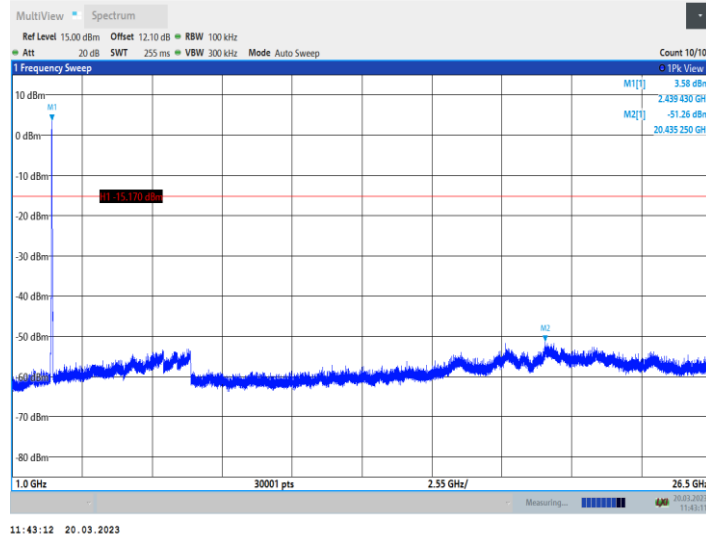
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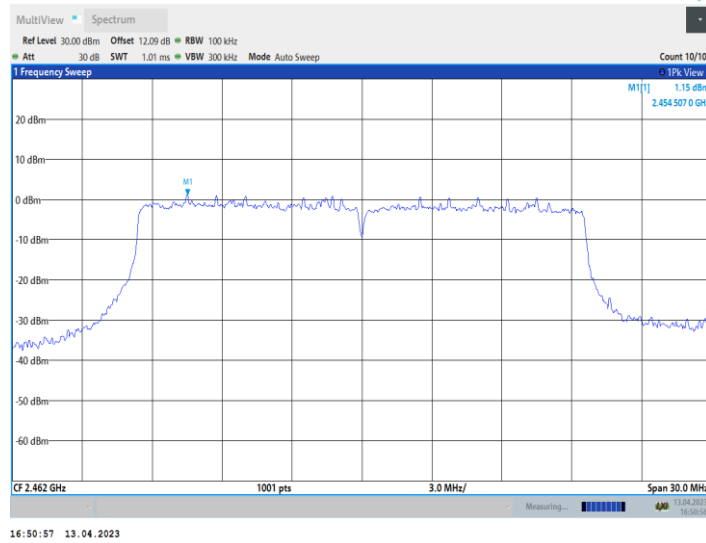
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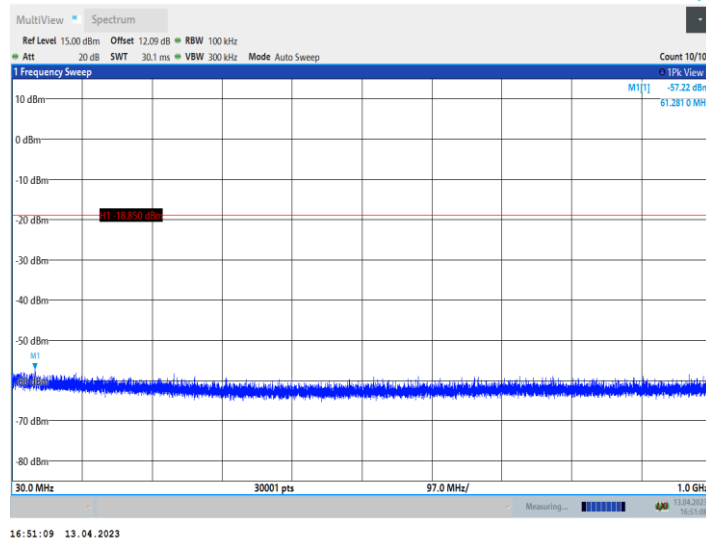
11AX20_Ant9_2437_1000~26500



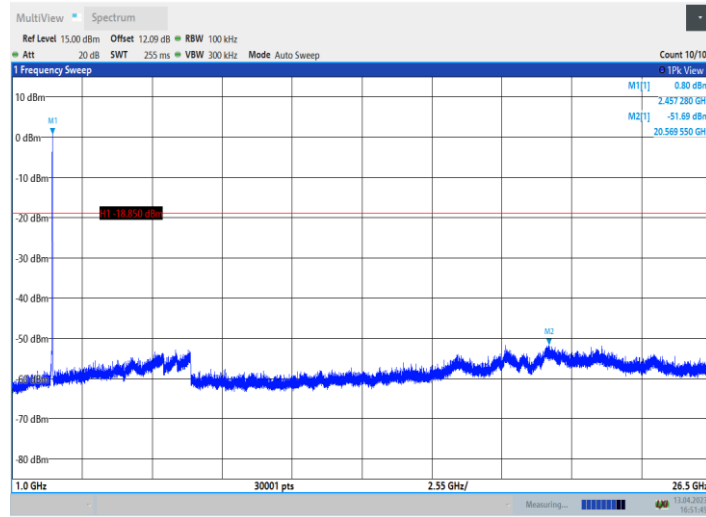
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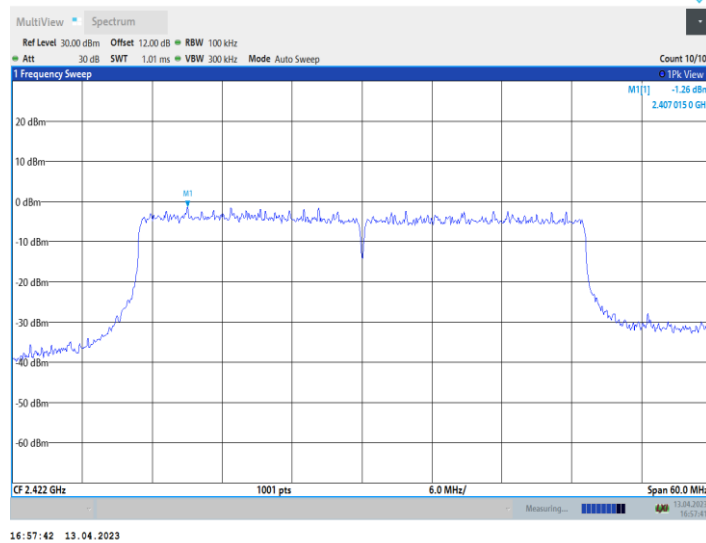
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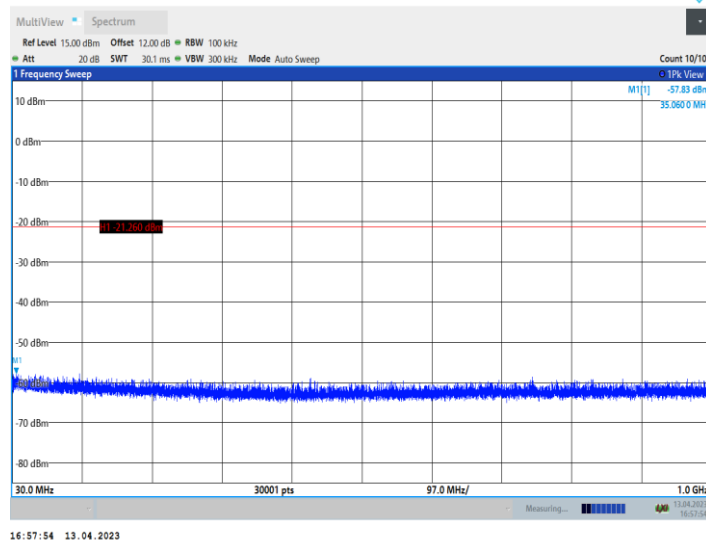
11AX20_Ant9_2462_1000~26500



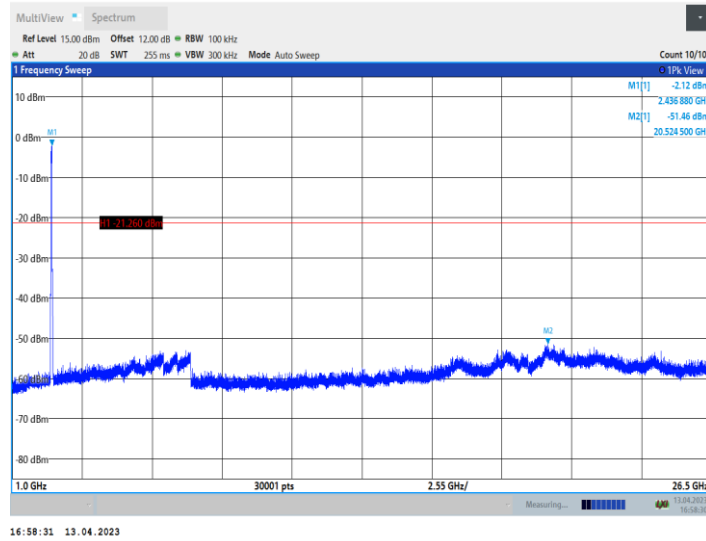
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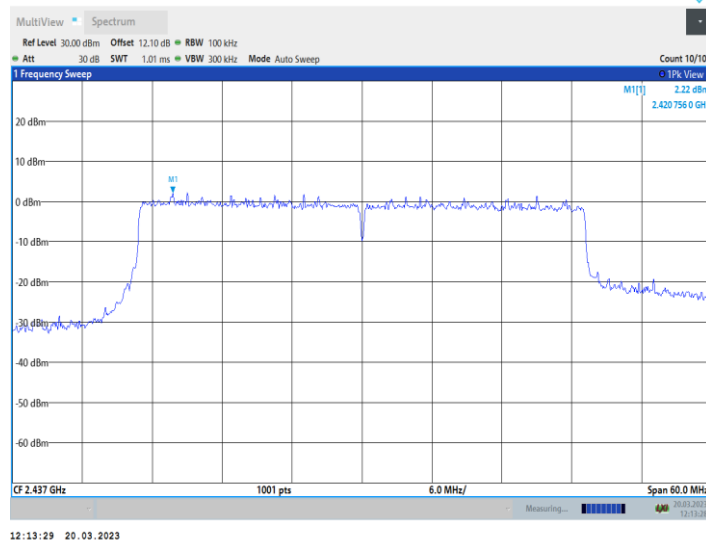
11AX40_Ant9_2422_30~1000



11AX40_Ant9_2422_1000~26500



11AX40_Ant9_2437_0~Reference



11AX40_Ant9_2437_30~1000

