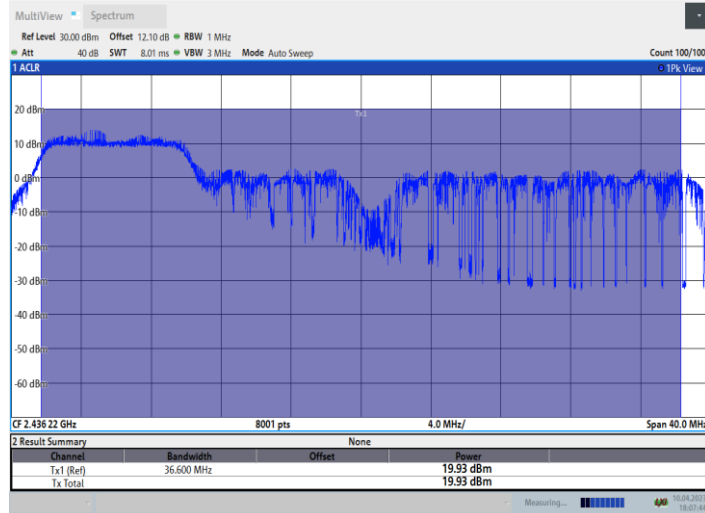
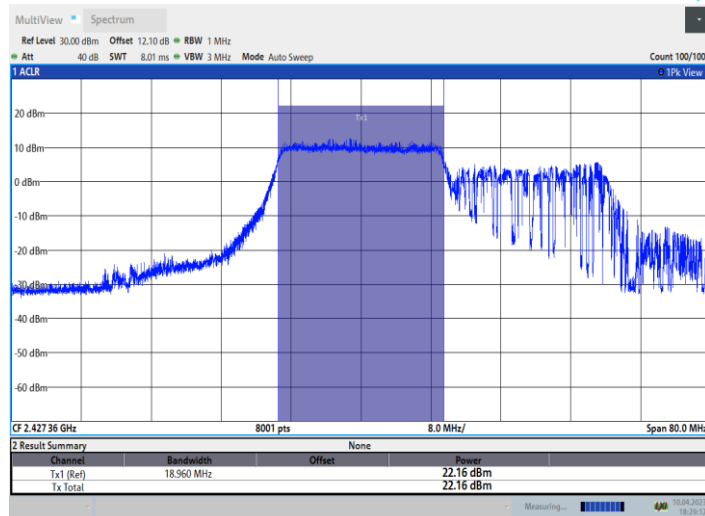


11AX40_Ant9_2437_106Tone_RU53



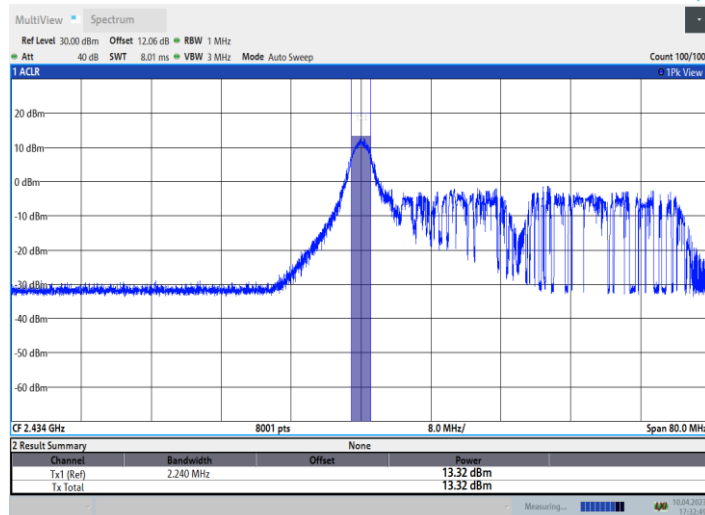
18:07:44 10.04.2023

11AX40_Ant9_2437_242Tone_RU61



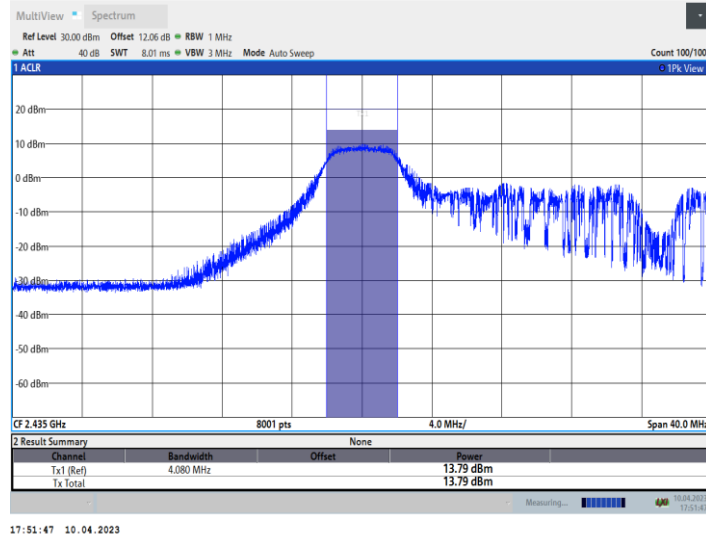
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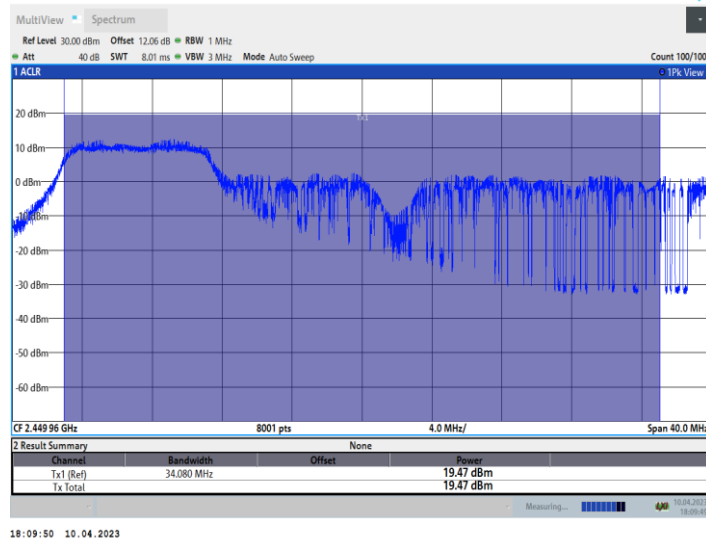


17:32:50 10.04.2023

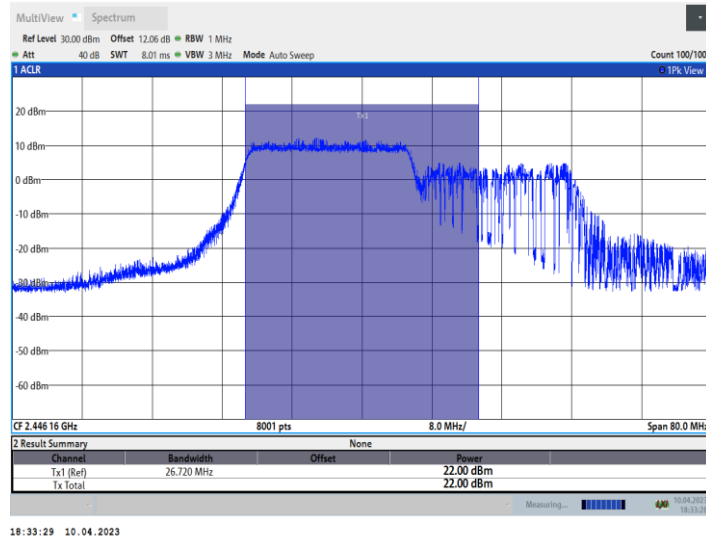
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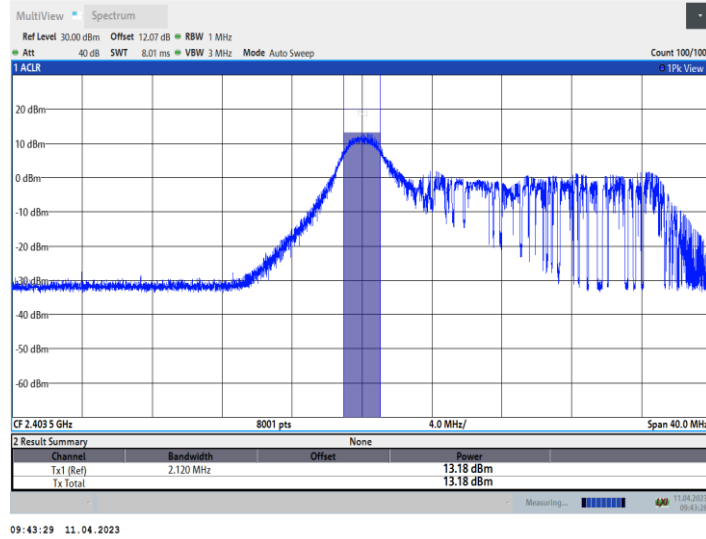
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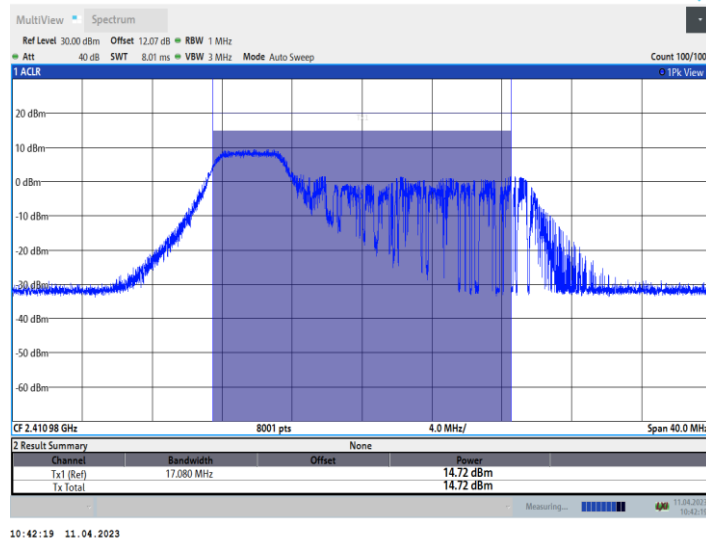
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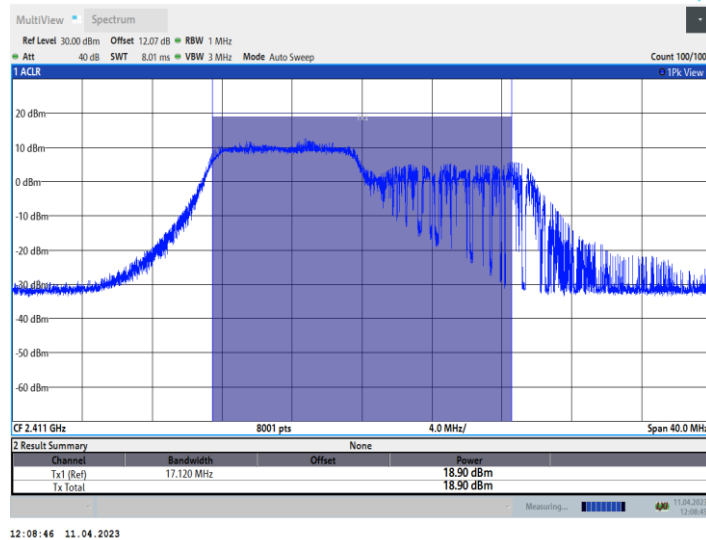
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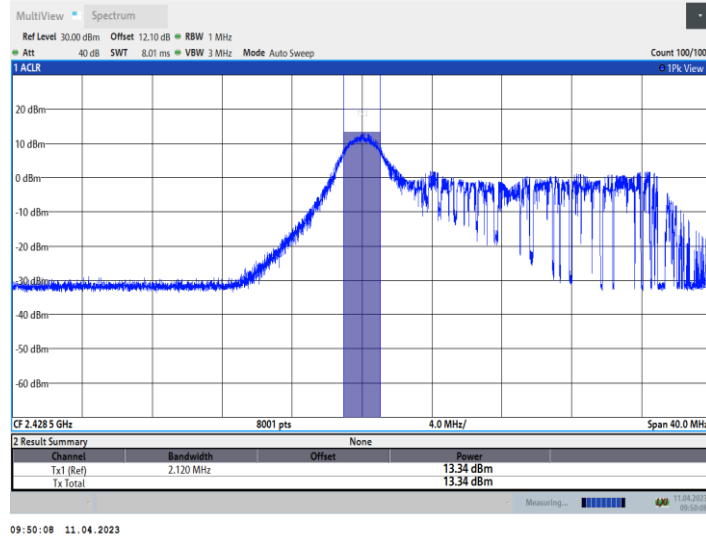
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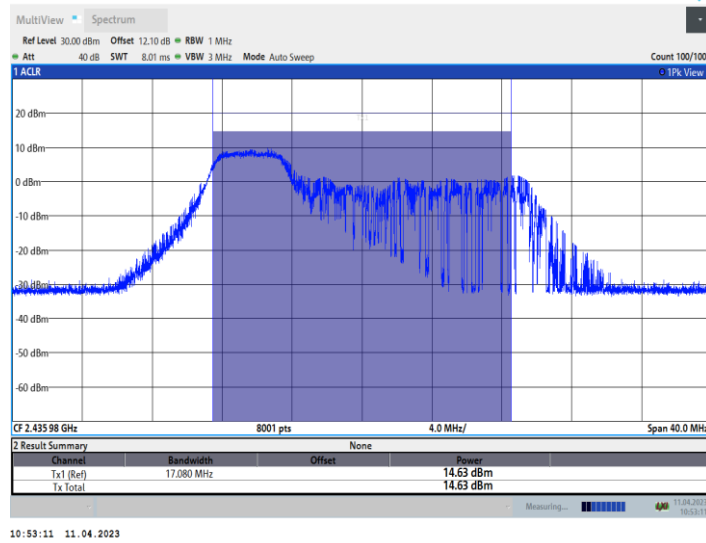
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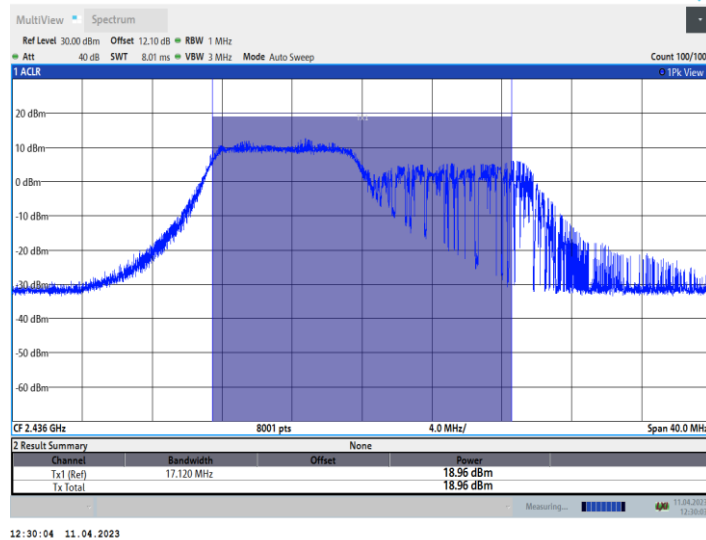
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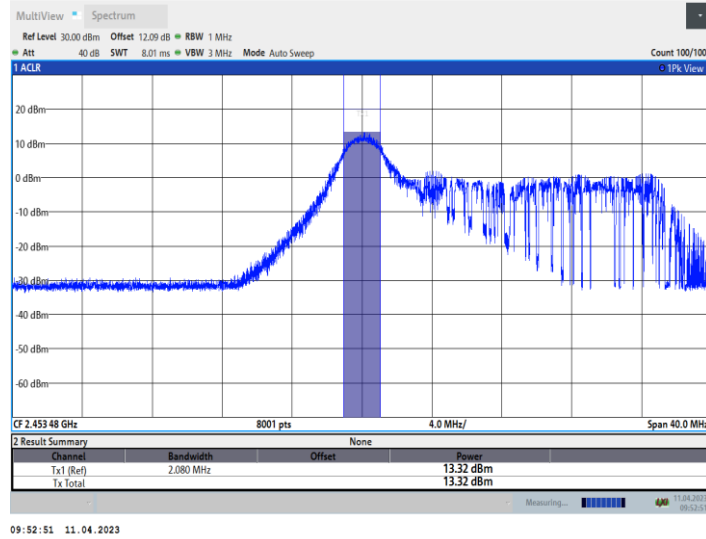
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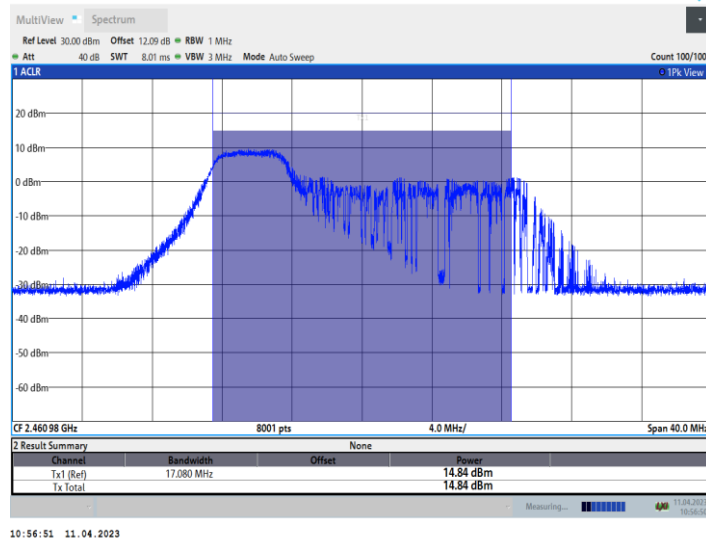
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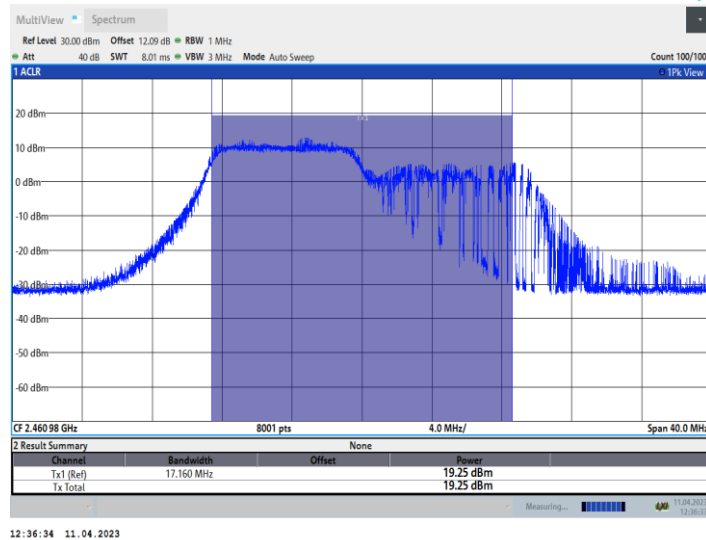
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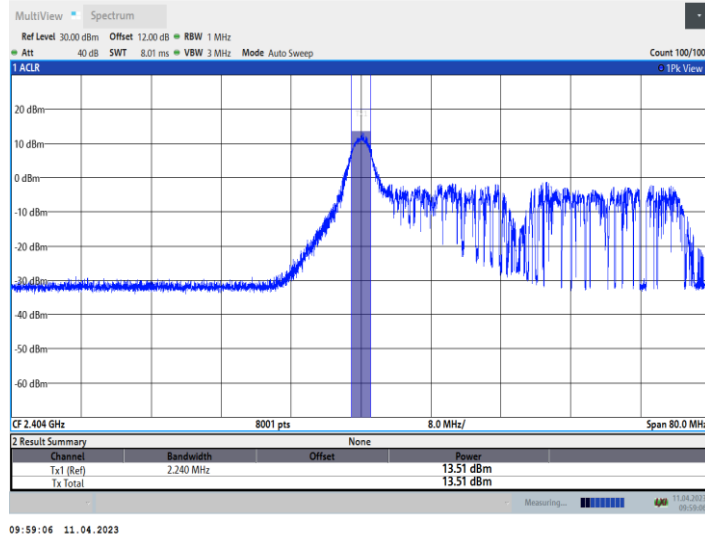
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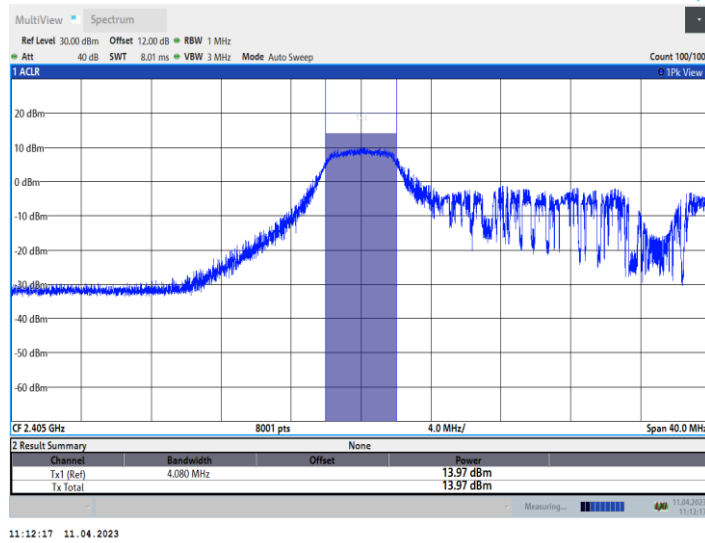
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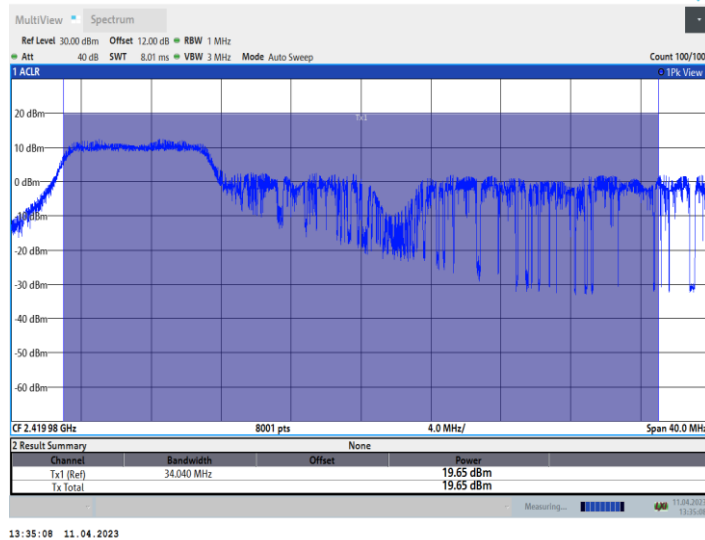
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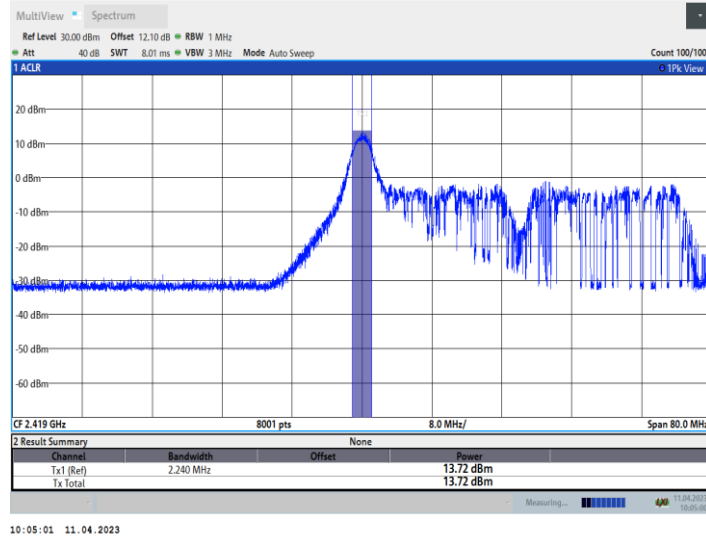
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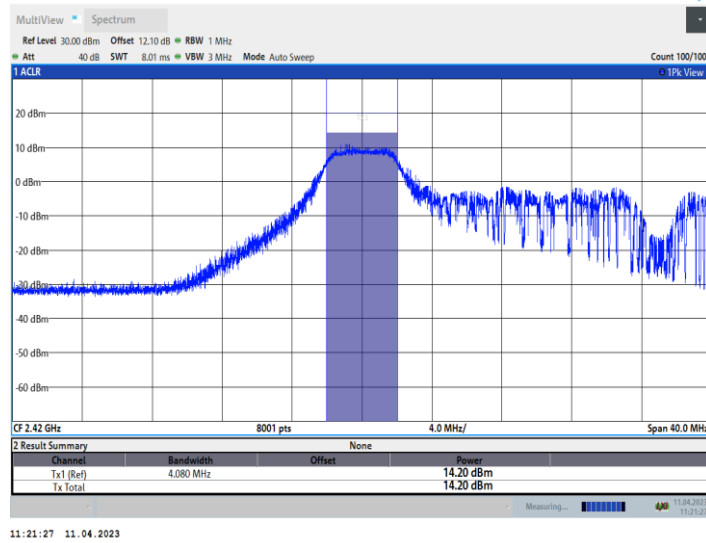
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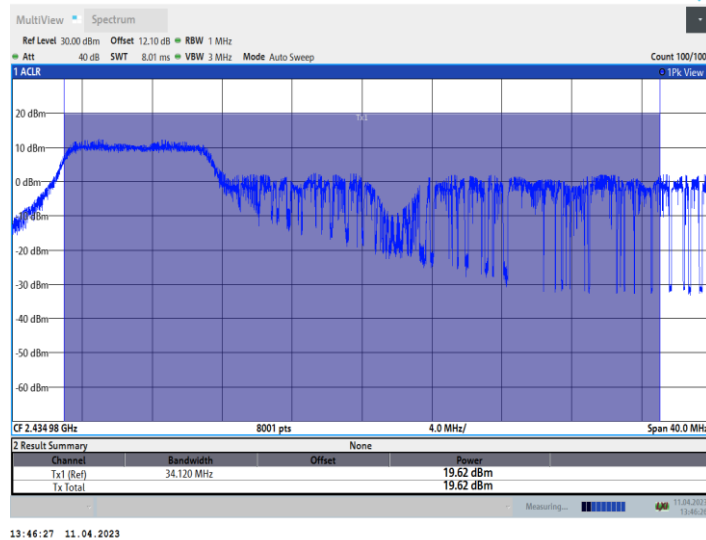
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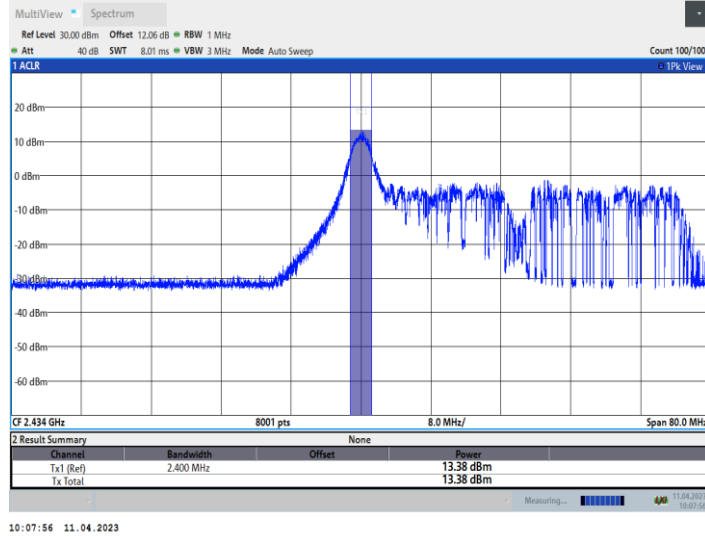
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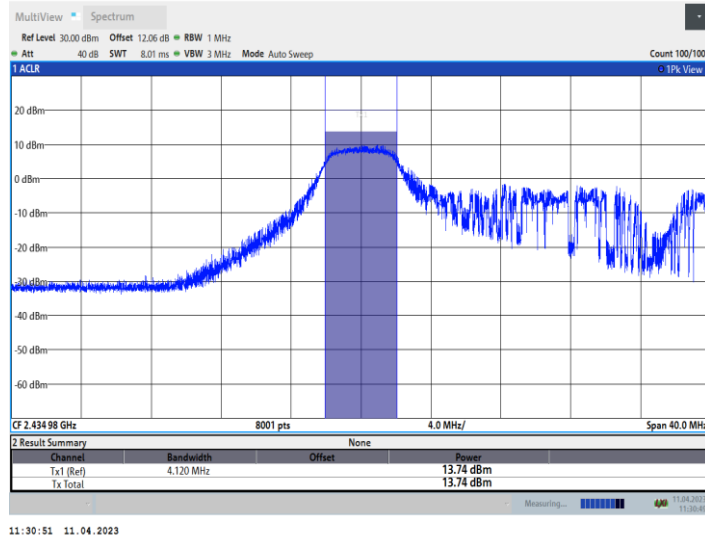
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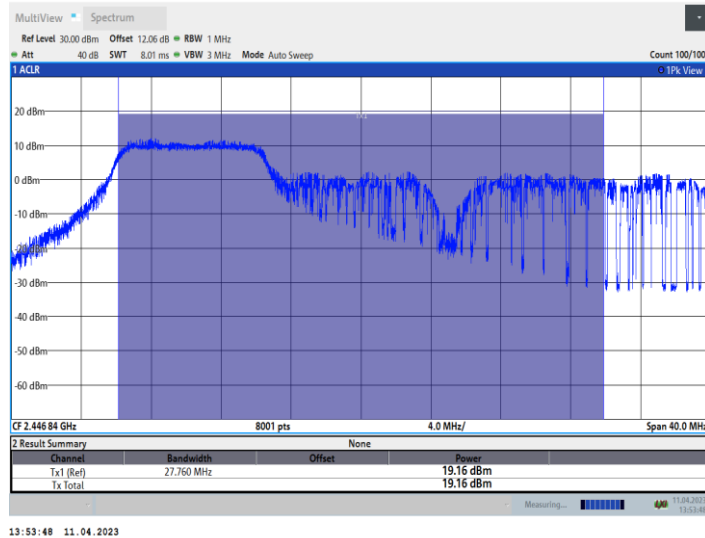
11AX40_Ant10_2452_26Tone_RU0



11AX40_Ant10_2452_52Tone_RU37



11AX40_Ant10_2452_106Tone_RU53



8. MAXIMUM POWER SPECTRAL DENSITY LEVEL MEASUREMENT

8.1. LIMITS OF Maximum Power Spectral Density Level Measurement

CFR 47 (FCC) part 15.247 (e)

8.2. TEST PROCEDURE

ANSI C63.10-2013 Clause 11.10

The transmitter output was connected to the spectrum analyzer.

a) Set analyzer center frequency to DTS channel center frequency.

b) Set the span to 1.5 times the DTS bandwidth.

c) Set RBW to: $3\text{kHz} \leq \text{RBW} \leq 100\text{ kHz}$.

d) Set VBW $\geq 3 \times \text{RBW}$.

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 amplitude level within the RBW.

j) If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.

8.3. TEST DATA

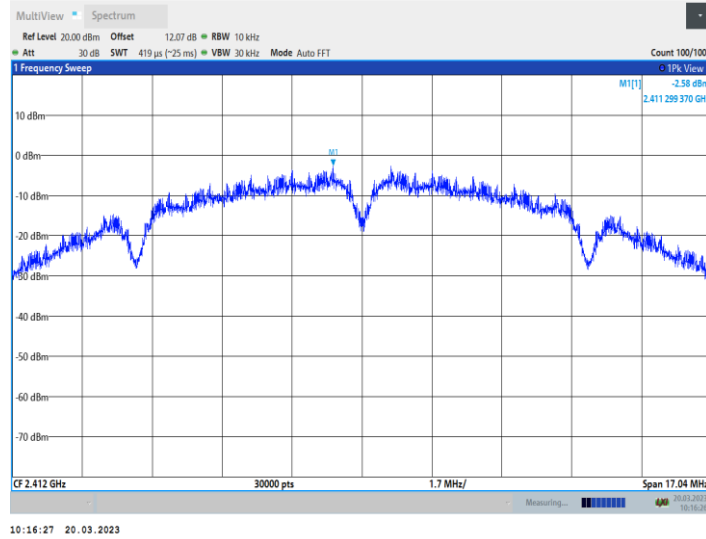
Maximum Power Spectral Density Level

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-2.58	≤ 8.00	PASS
		2437	-2.8	≤ 8.00	PASS
		2462	-3.78	≤ 8.00	PASS
11G	Ant1	2412	-3.42	≤ 8.00	PASS
		2437	-3.44	≤ 8.00	PASS
		2462	-4.78	≤ 8.00	PASS
11N20	Ant1	2412	-5.56	≤ 8.00	PASS
		2437	-2.23	≤ 8.00	PASS
		2462	-5.62	≤ 8.00	PASS
11N40	Ant1	2422	-9.7	≤ 8.00	PASS
		2437	-7.01	≤ 8.00	PASS
		2452	-10.5	≤ 8.00	PASS
11AC20	Ant1	2412	-4.37	≤ 8.00	PASS
		2437	-4.11	≤ 8.00	PASS
		2462	-6.06	≤ 8.00	PASS
11AC40	Ant1	2422	-7.87	≤ 8.00	PASS
		2437	-6.8	≤ 8.00	PASS
		2452	-6.92	≤ 8.00	PASS
11AX20	Ant1	2412	-8.06	≤ 8.00	PASS
		2437	-6.46	≤ 8.00	PASS
		2462	-9.26	≤ 8.00	PASS
11AX40	Ant1	2422	-12.78	≤ 8.00	PASS
		2437	-8.32	≤ 8.00	PASS
		2452	-15.29	≤ 8.00	PASS

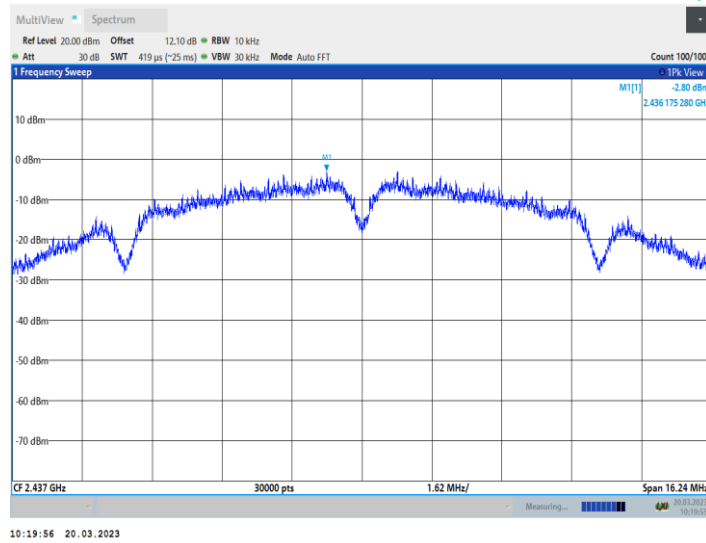
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant10	2412	-3.64	≤8.00	PASS
		2437	-4.36	≤8.00	PASS
		2462	-2.04	≤8.00	PASS
11G	Ant10	2412	-3.57	≤8.00	PASS
		2437	-0.81	≤8.00	PASS
		2462	-5.15	≤8.00	PASS
11N20	Ant10	2412	-5.08	≤8.00	PASS
		2437	-4.33	≤8.00	PASS
		2462	-5.02	≤8.00	PASS
11N40	Ant10	2422	-9.48	≤8.00	PASS
		2437	-7.71	≤8.00	PASS
		2452	-10.97	≤8.00	PASS
11AC20	Ant10	2412	-4.28	≤8.00	PASS
		2437	-4.52	≤8.00	PASS
		2462	-6.48	≤8.00	PASS
11AC40	Ant10	2422	-9.39	≤8.00	PASS
		2437	-7.12	≤8.00	PASS
		2452	-12.09	≤8.00	PASS
11AX20	Ant10	2412	-8.19	≤8.00	PASS
		2437	-7.16	≤8.00	PASS
		2462	-9.3	≤8.00	PASS
11AX40	Ant10	2422	-10.99	≤8.00	PASS
		2437	-9.93	≤8.00	PASS
		2452	-14.61	≤8.00	PASS

TestMode	Frequency[MHz]	Result[dBm/3-100kHz]			Limit[dBm/3kHz]	Verdict
		Ant9	Ant10	Total(Ant9+Ant10)		
11B-CDD	2412	-2.58	-3.64	-0.07	≤8.00	PASS
	2437	-2.8	-4.36	-0.50	≤8.00	PASS
	2462	-3.78	-2.04	0.19	≤8.00	PASS
11G-CDD	2412	-3.42	-3.57	-0.48	≤8.00	PASS
	2437	-3.44	-0.81	1.08	≤8.00	PASS
	2462	-4.78	-5.15	-1.95	≤8.00	PASS
11N20MIMO	2412	-5.56	-5.08	-2.30	≤8.00	PASS
	2437	-2.23	-4.33	-0.14	≤8.00	PASS
	2462	-5.62	-5.02	-2.30	≤8.00	PASS
11N40MIMO	2422	-9.7	-9.48	-6.58	≤8.00	PASS
	2437	-7.01	-7.71	-4.34	≤8.00	PASS
	2452	-10.5	-10.97	-7.72	≤8.00	PASS
11AC20MIMO	2412	-4.37	-4.28	-1.31	≤8.00	PASS
	2437	-4.11	-4.52	-1.30	≤8.00	PASS
	2462	-6.06	-6.48	-3.25	≤8.00	PASS
11AC40MIMO	2422	-7.87	-9.39	-5.55	≤8.00	PASS
	2437	-6.8	-7.12	-3.95	≤8.00	PASS
	2452	-6.92	-12.09	-5.77	≤8.00	PASS
11AX20MIMO	2412	-8.06	-8.19	-5.11	≤8.00	PASS
	2437	-6.46	-7.16	-3.79	≤8.00	PASS
	2462	-9.26	-9.3	-6.27	≤8.00	PASS
11AX40MIMO	2422	-12.78	-10.99	-8.78	≤8.00	PASS
	2437	-8.32	-9.93	-6.04	≤8.00	PASS
	2452	-15.29	-14.61	-11.93	≤8.00	PASS

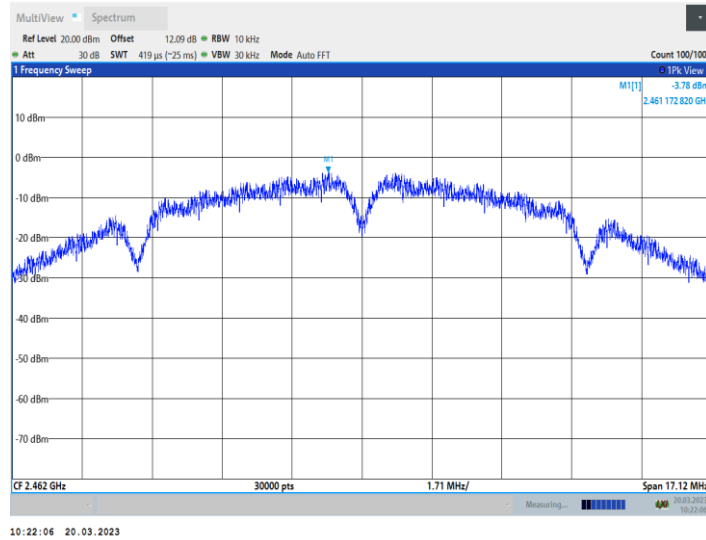
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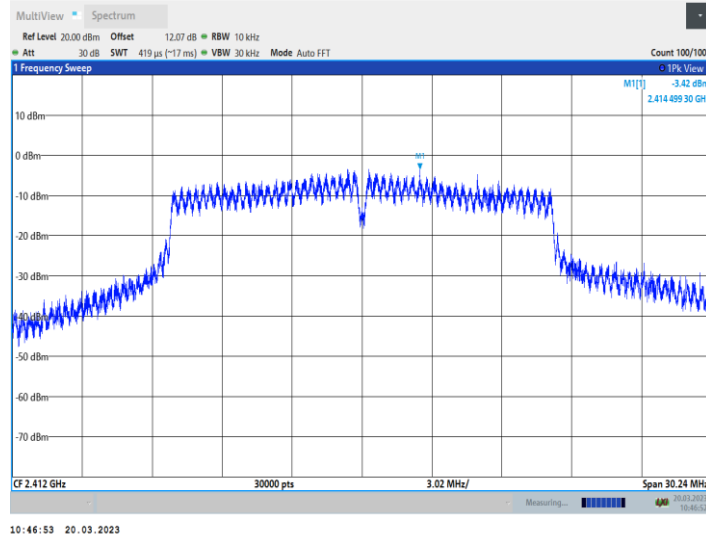
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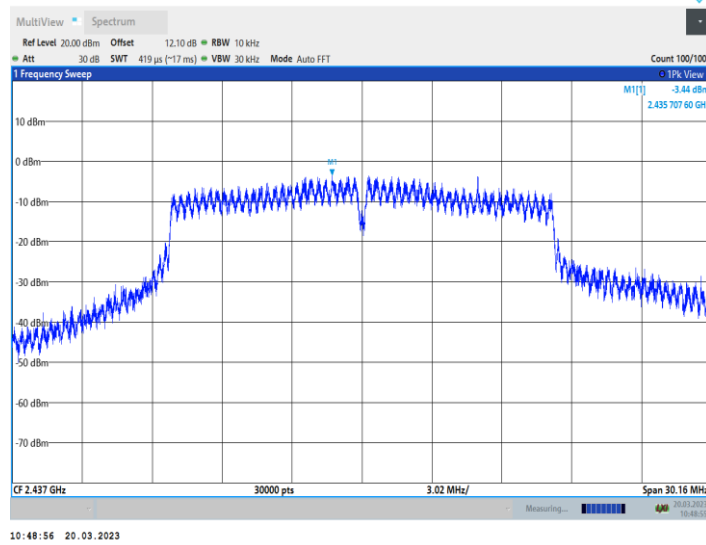
11B_Ant9_2462



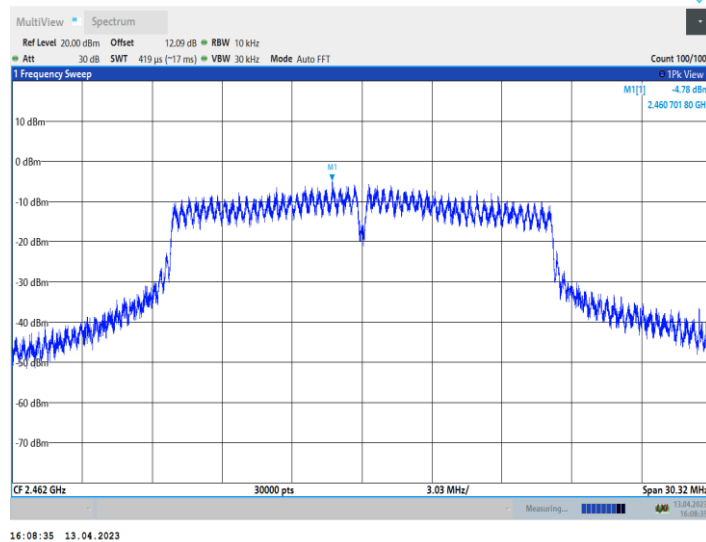
11G_Ant9_2412



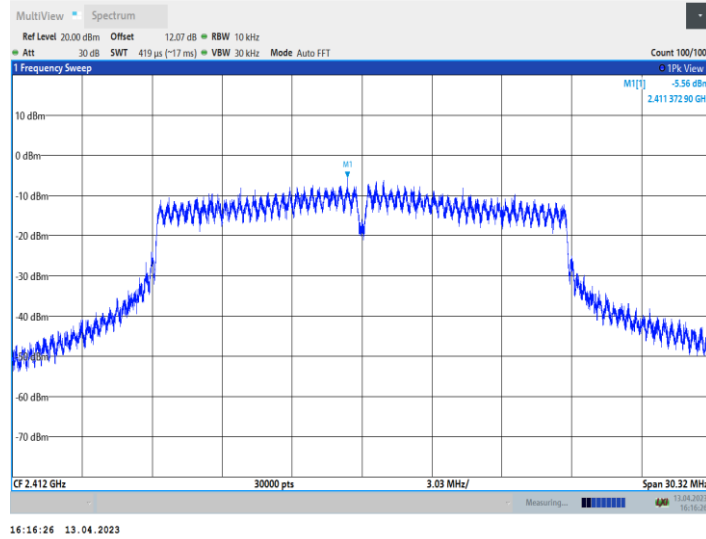
11G_Ant9_2437



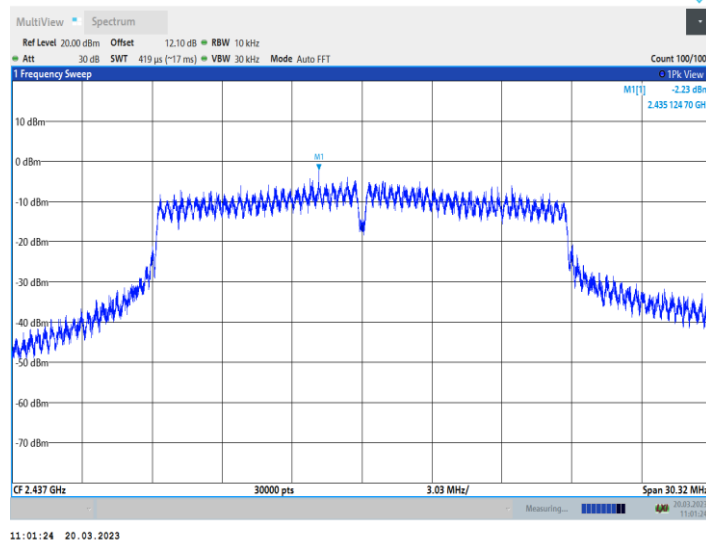
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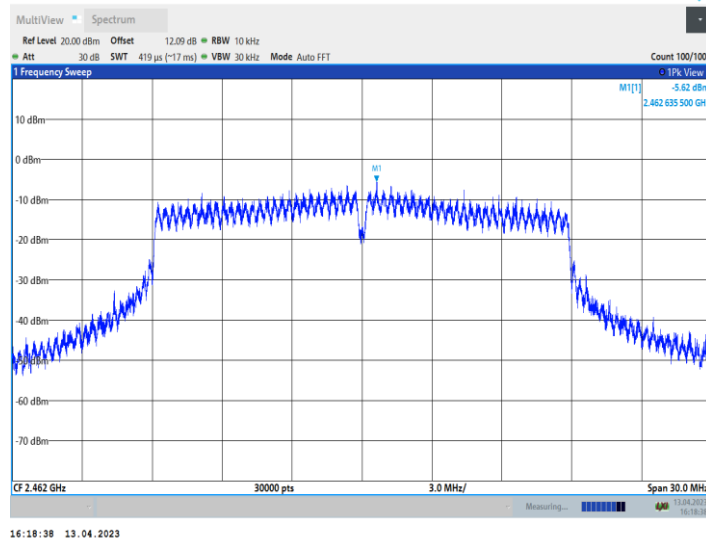
11N20_Ant9_2412



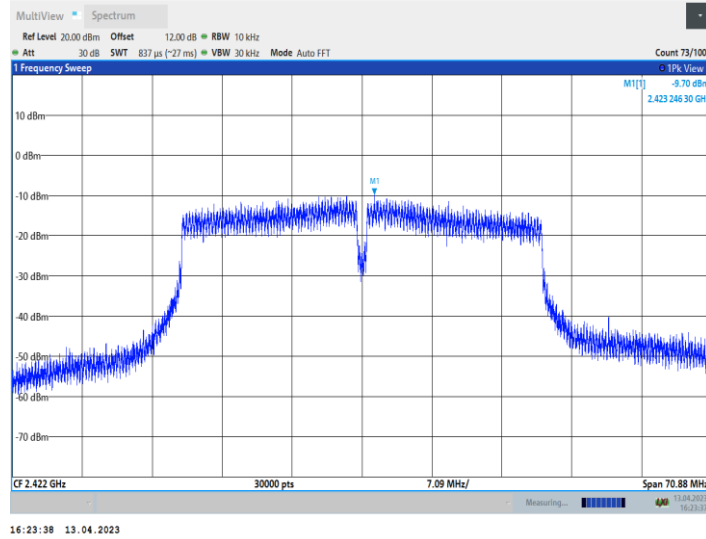
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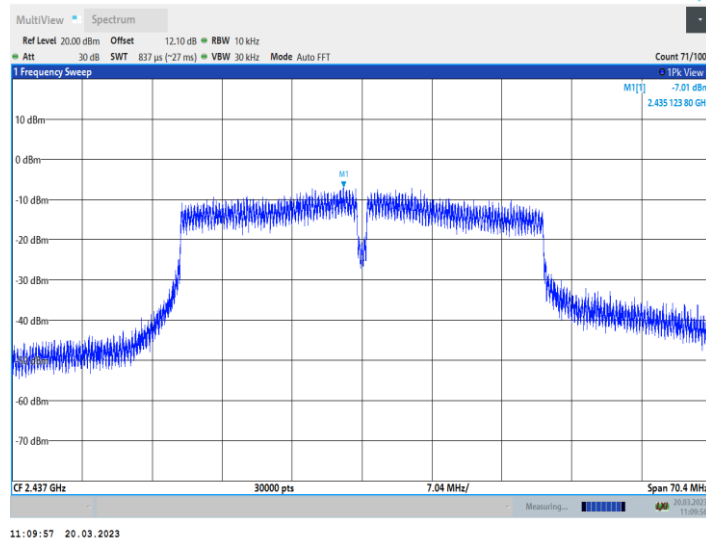
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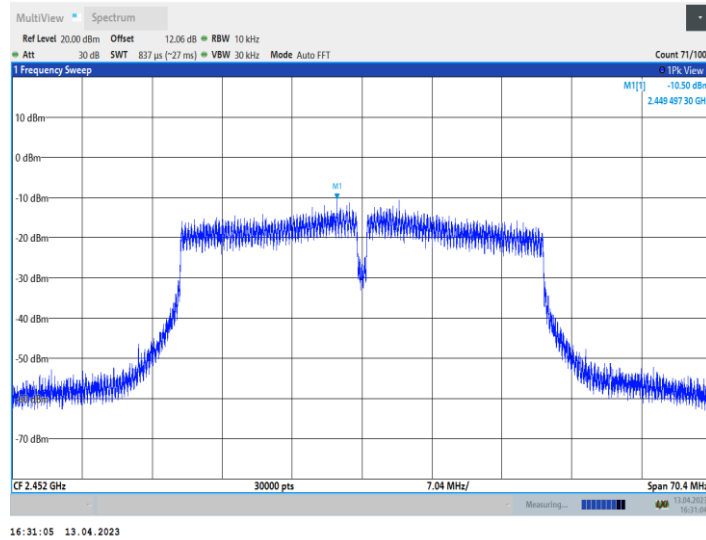
11N40_Ant9_2422



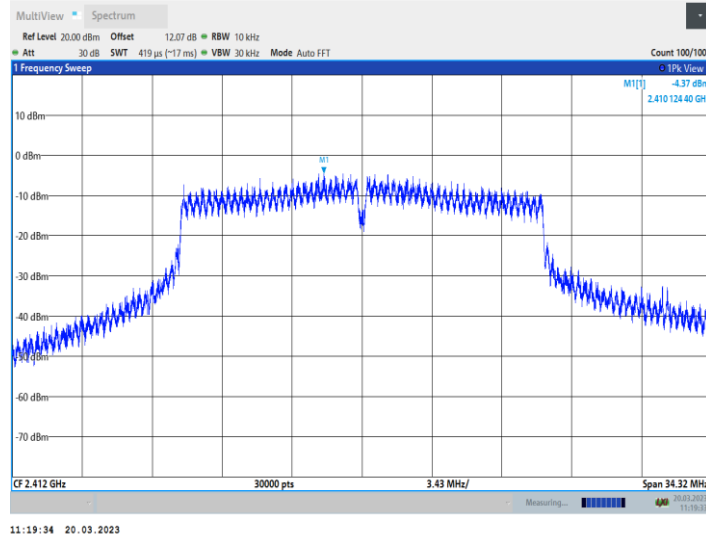
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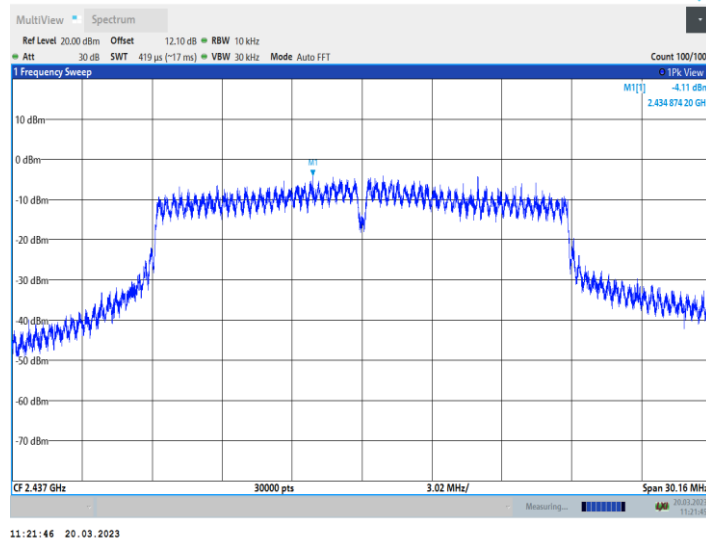
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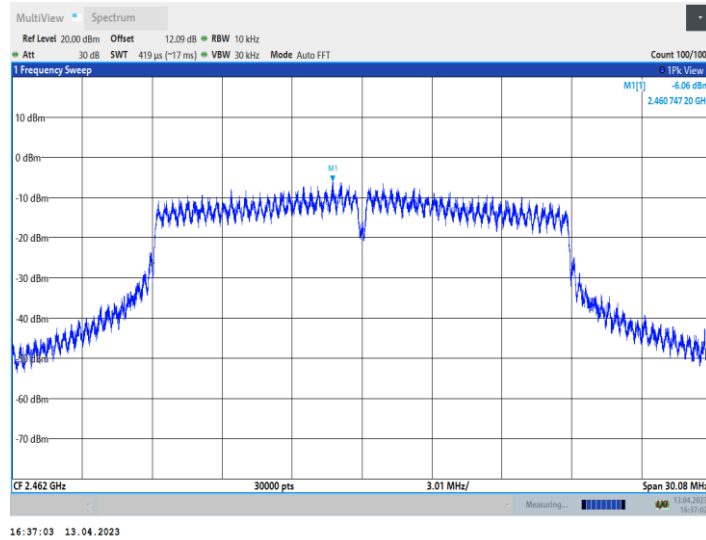
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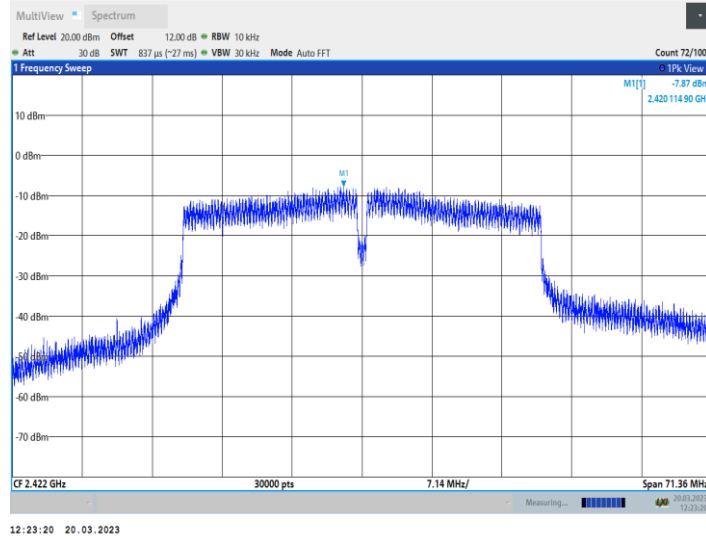
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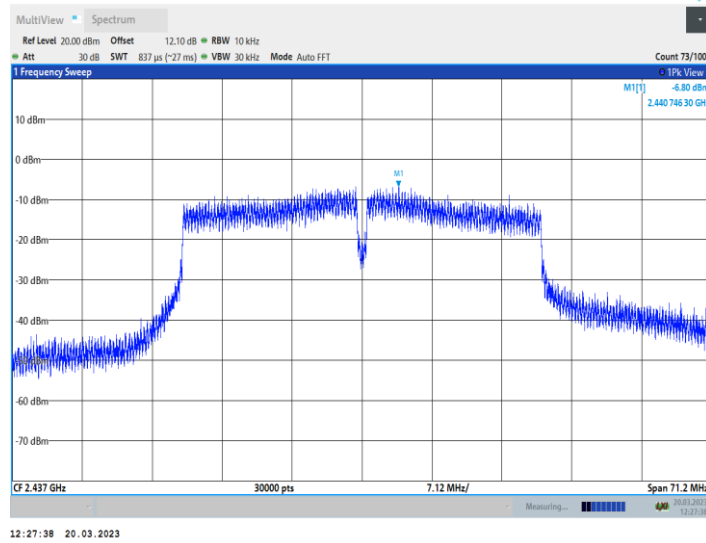
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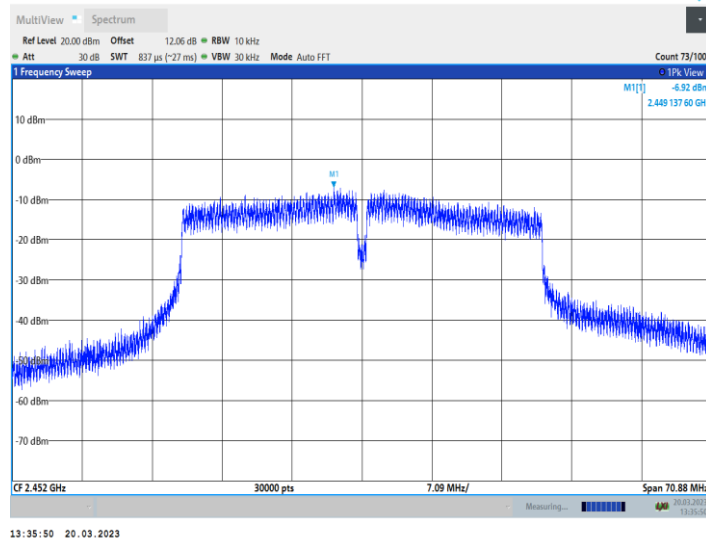
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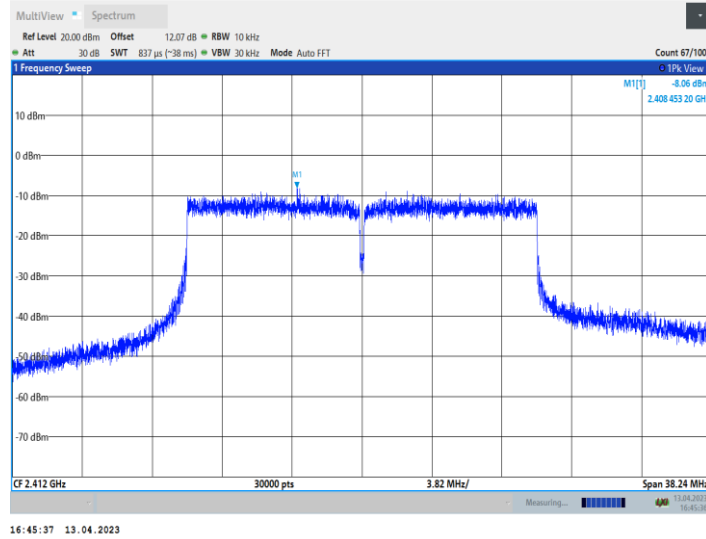
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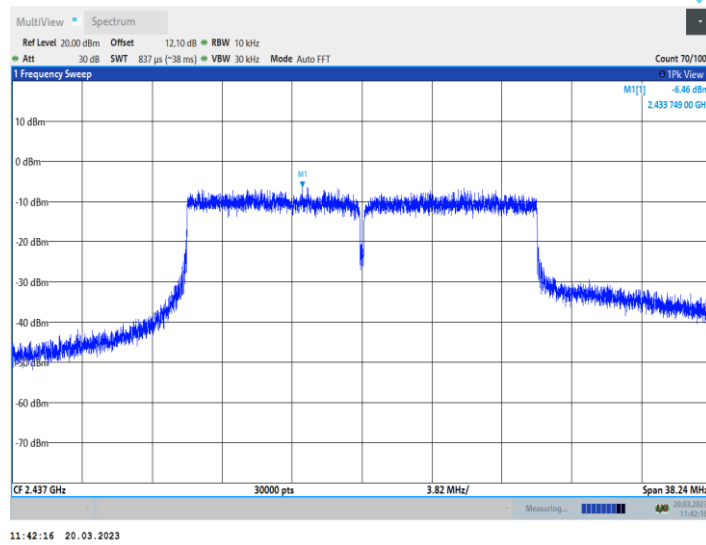
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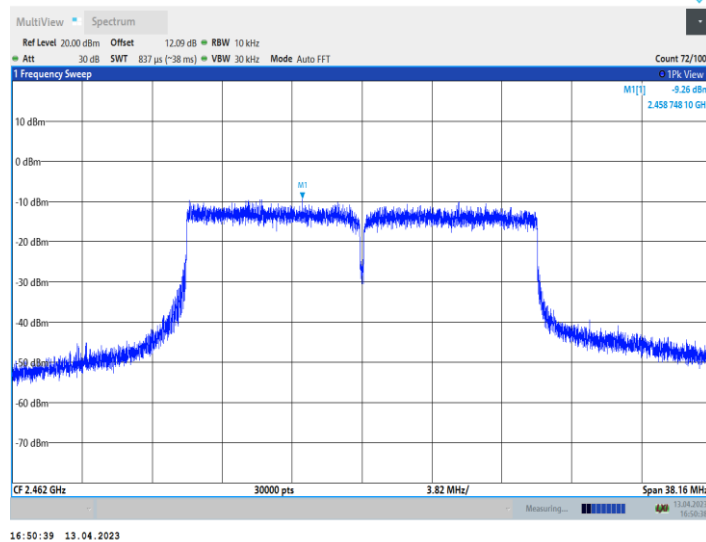
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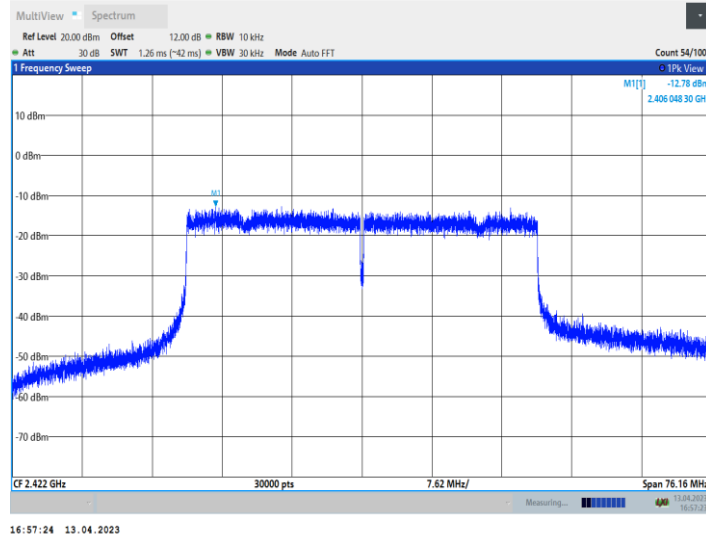
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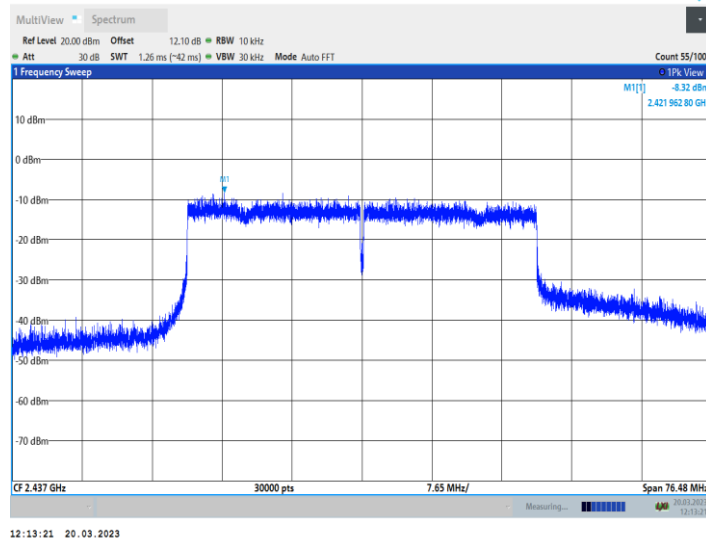
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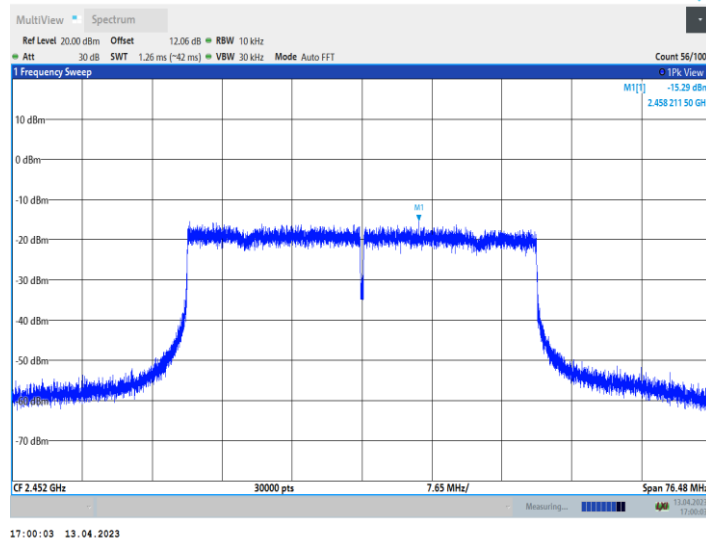
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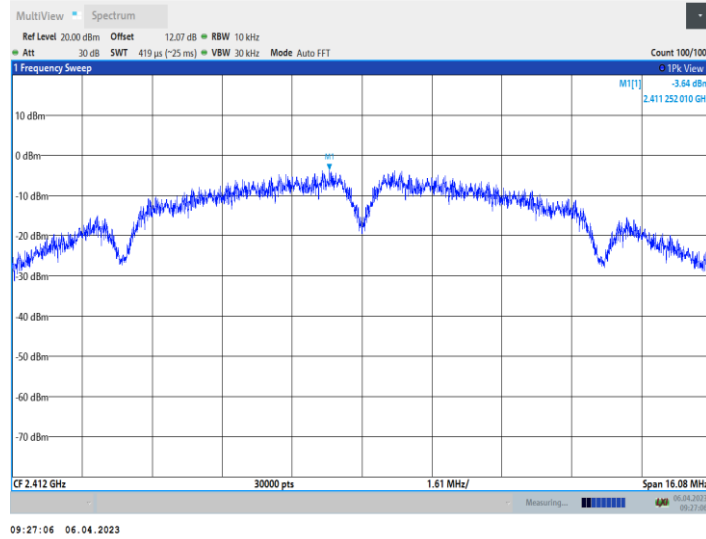
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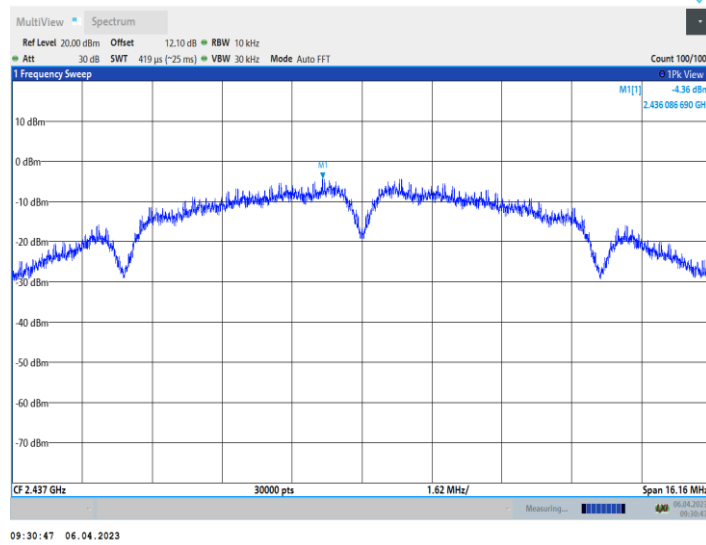
11AX40_Ant9_2452



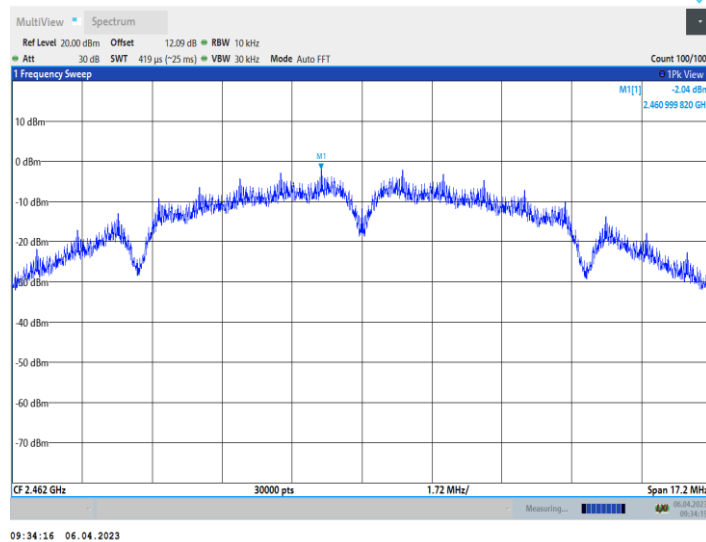
11B_Ant10_2412



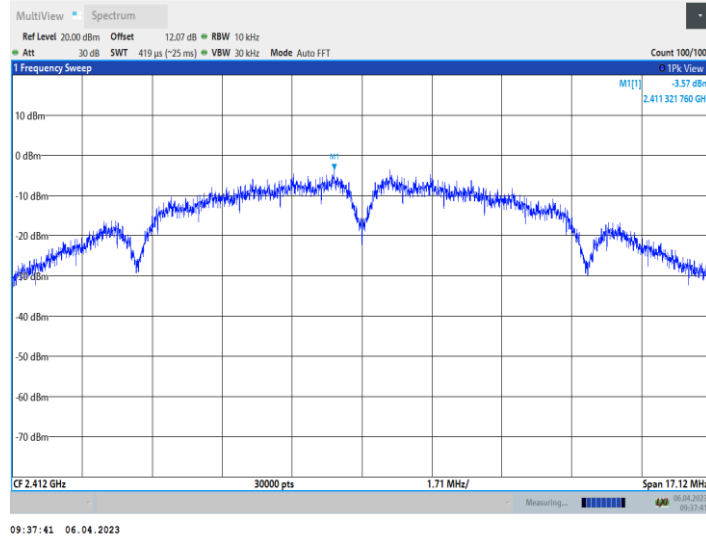
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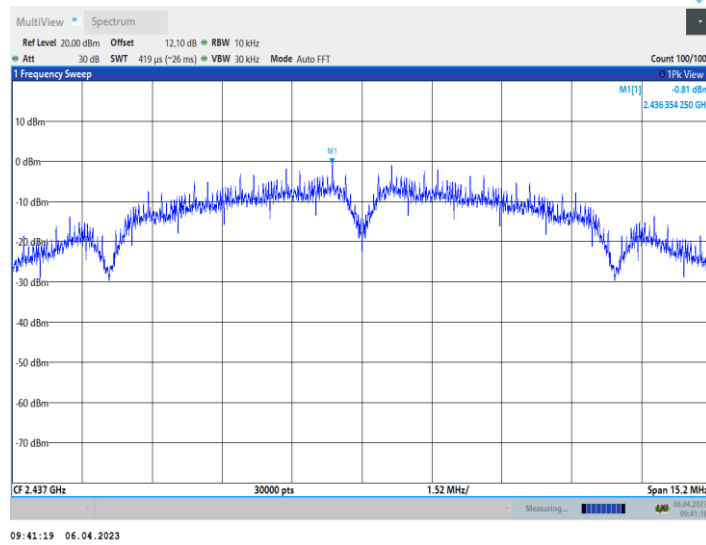
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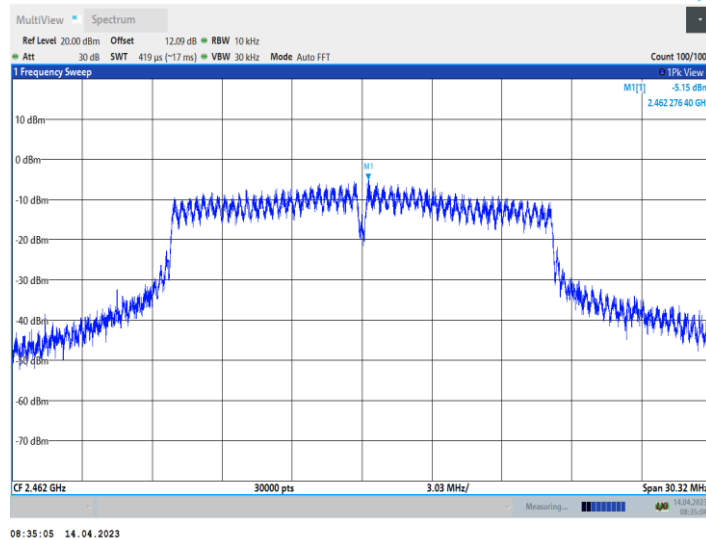
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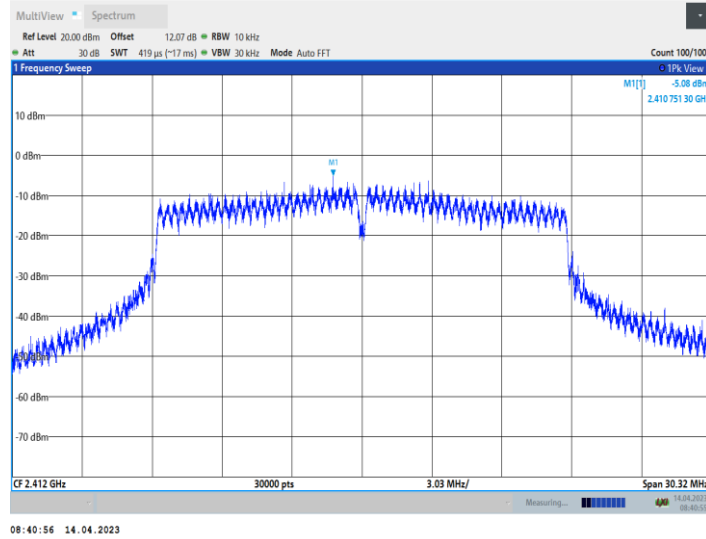
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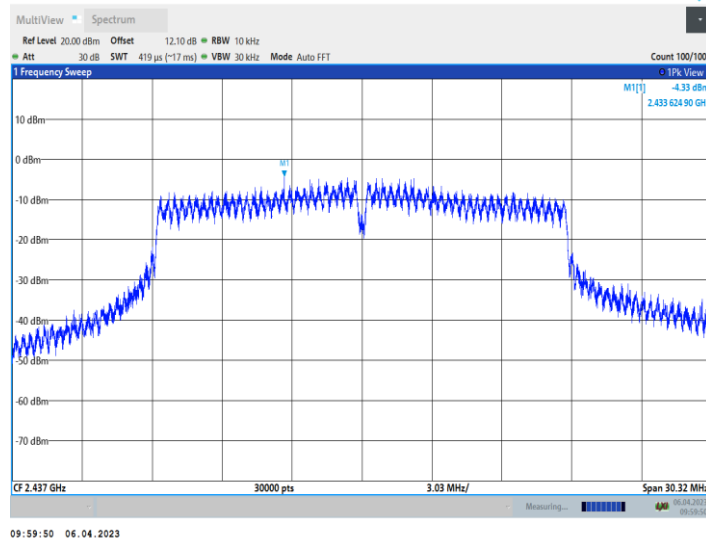
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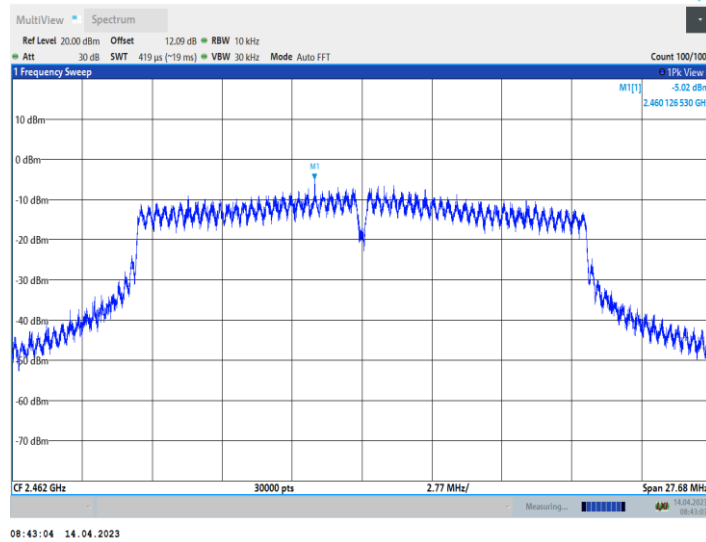
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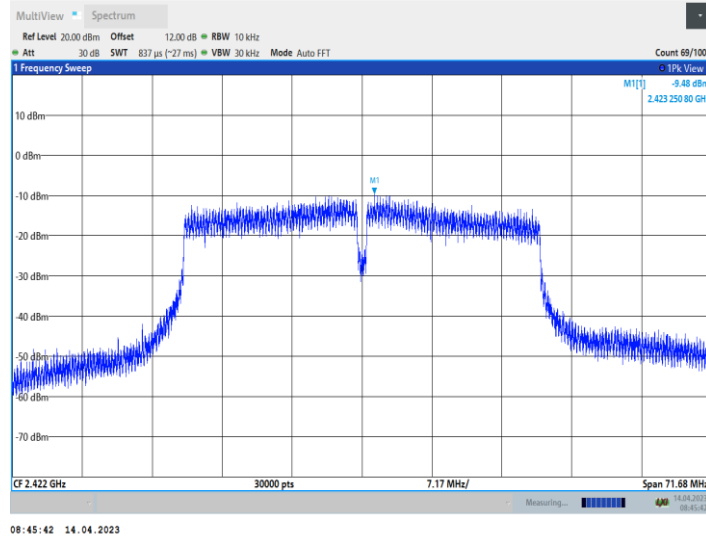
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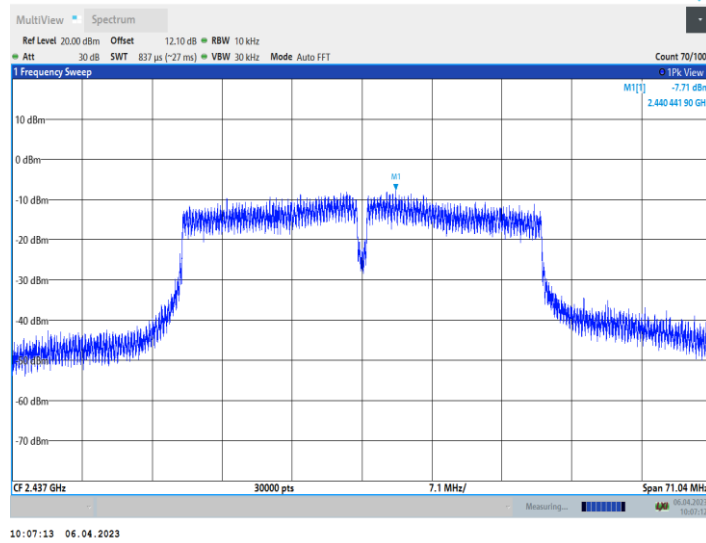
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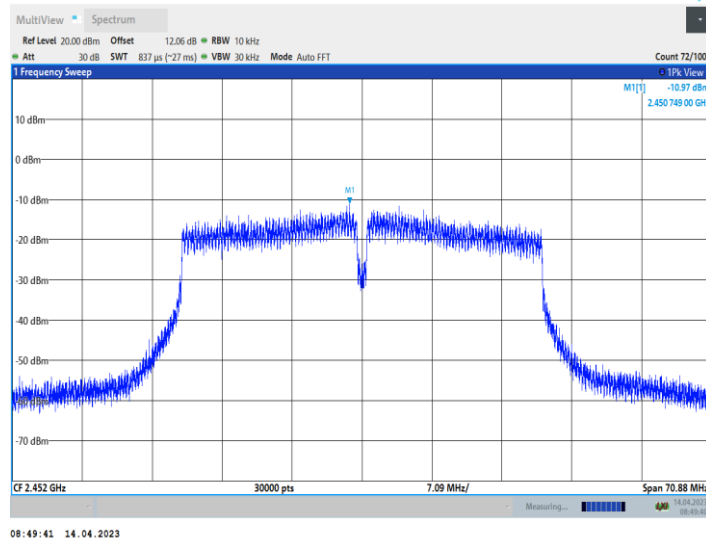
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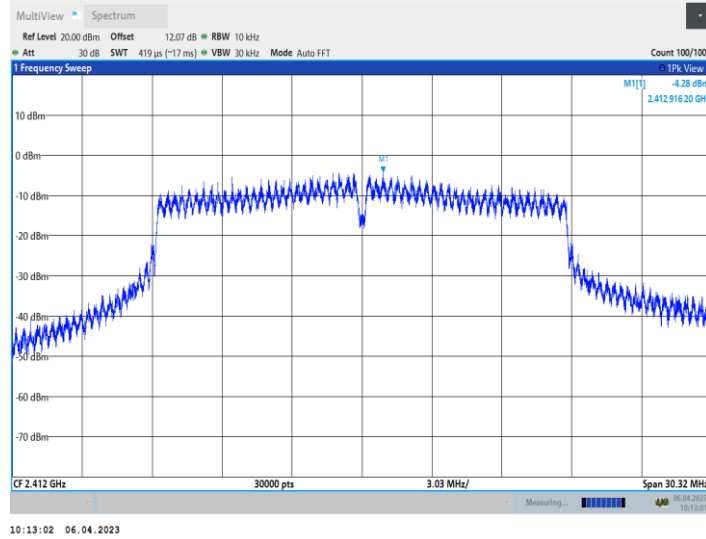
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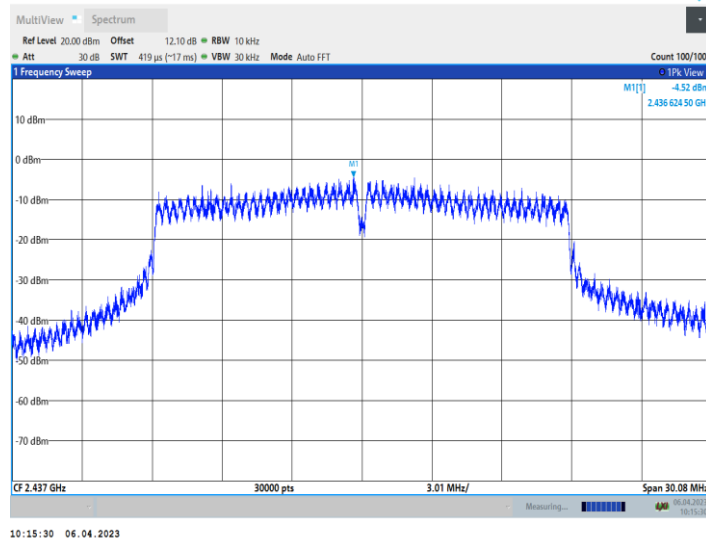
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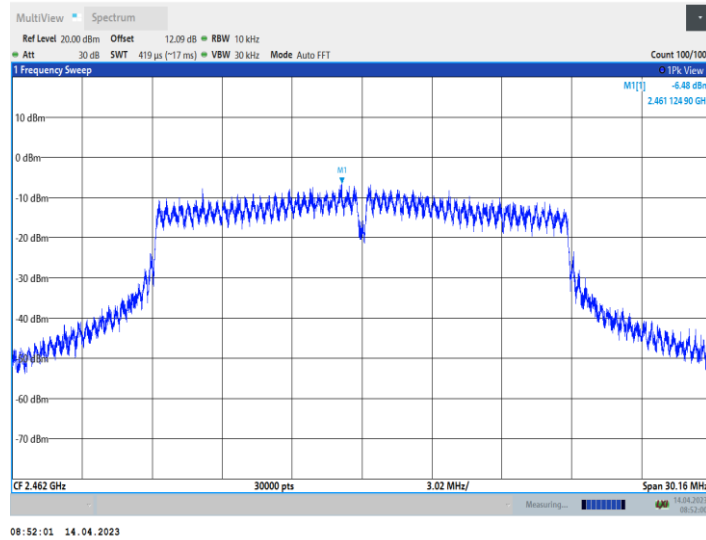
11AC20_Ant10_2412



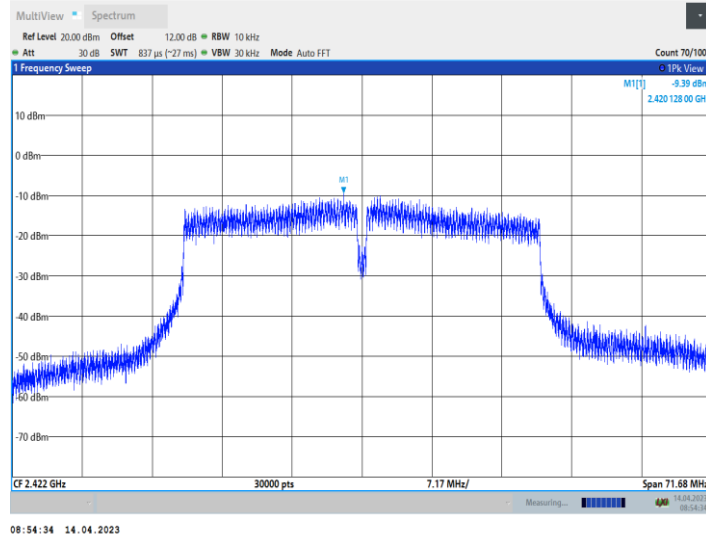
11AC20_Ant10_2437



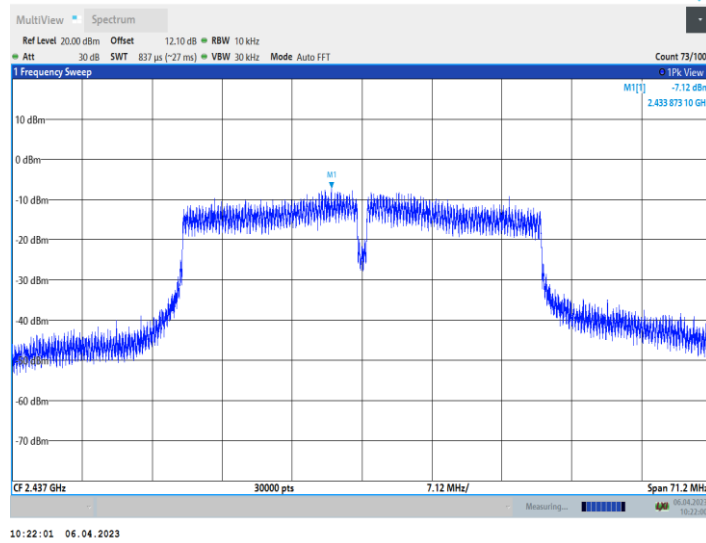
11AC20_Ant10_2462



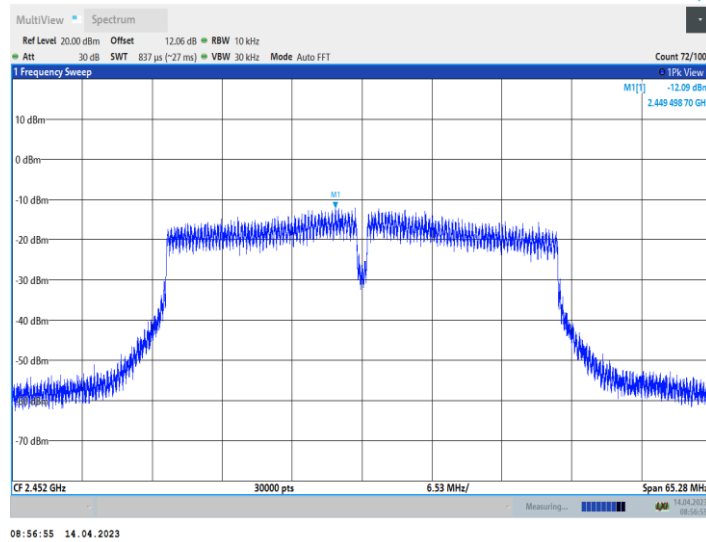
11AC40_Ant10_2422



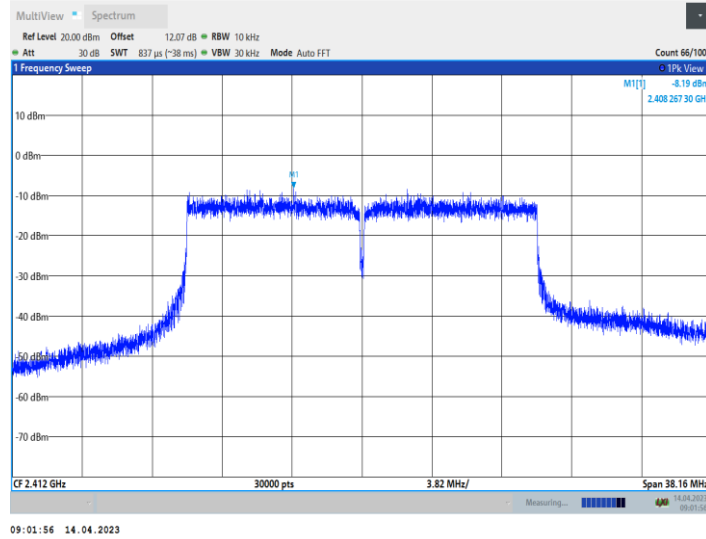
11AC40_Ant10_2437



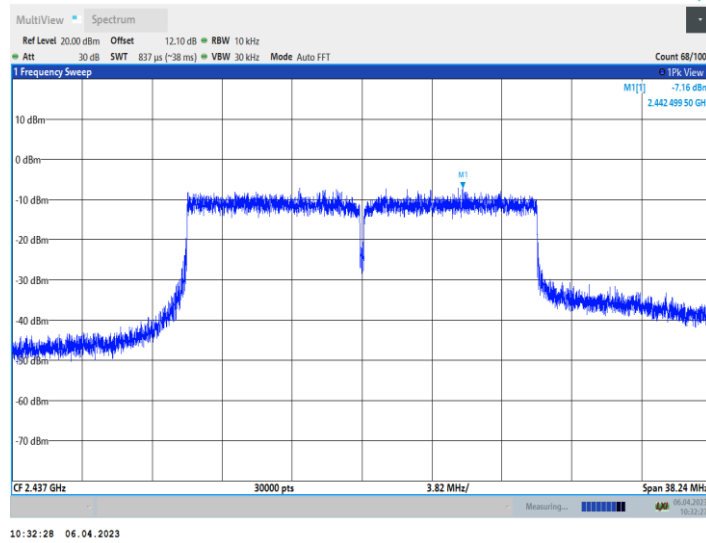
11AC40_Ant10_2452



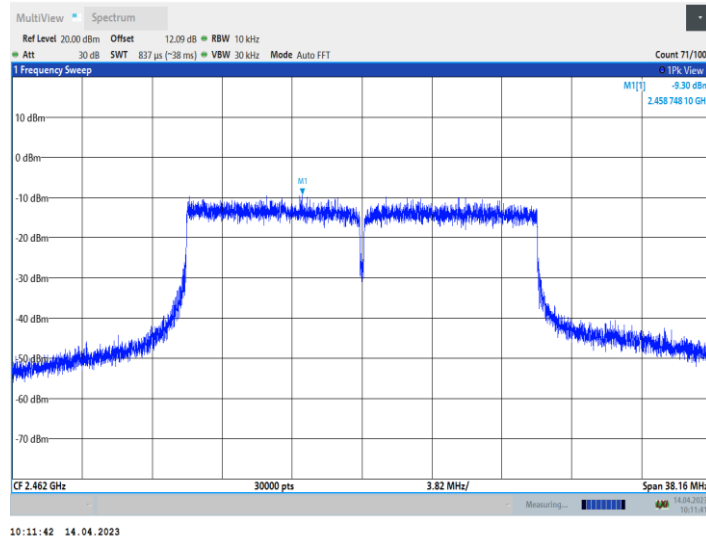
11AX20_Ant10_2412



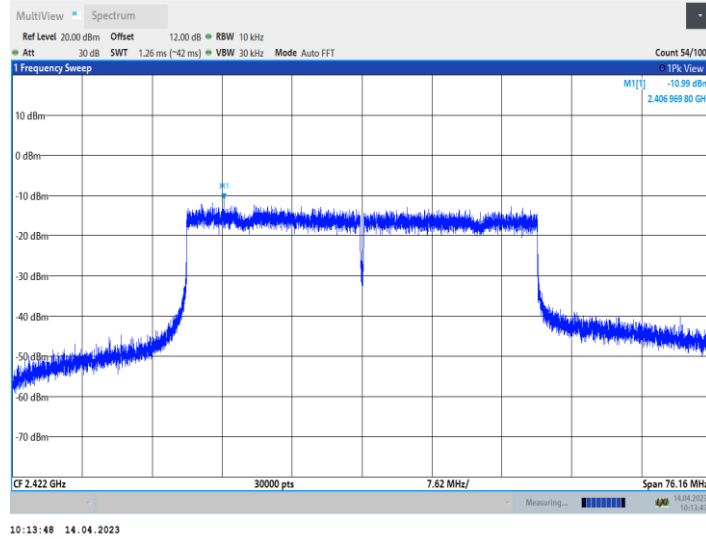
11AX20_Ant10_2437



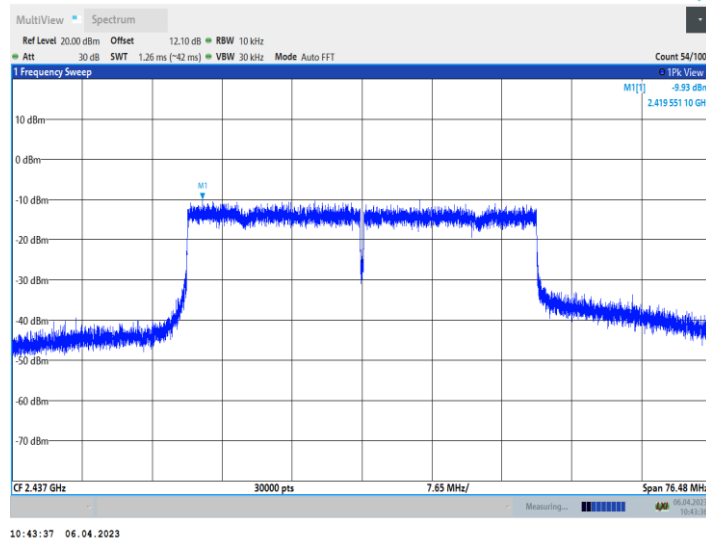
11AX20_Ant10_2462



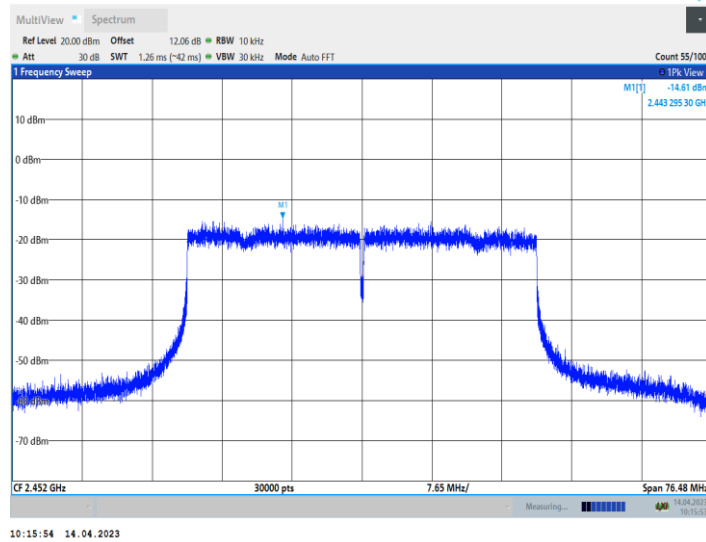
11AX40_Ant10_2422



11AX40_Ant10_2437



11AX40_Ant10_2452



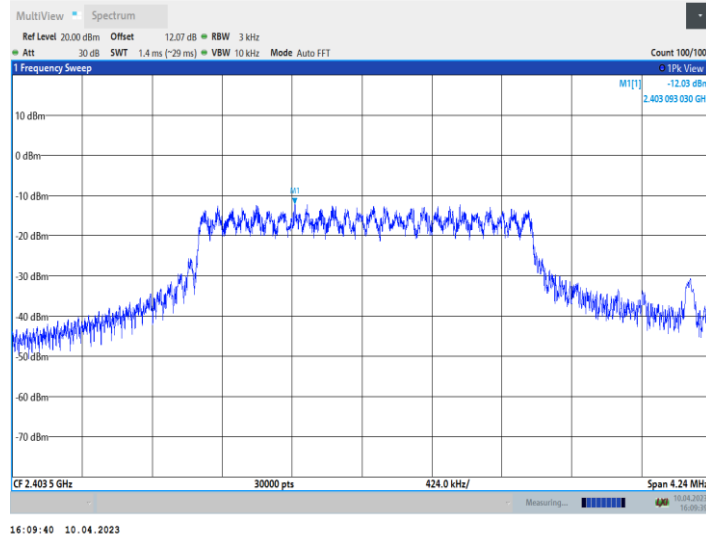
OFDMA Mode:

TestMode	Antenna	Frequency[MHz]	RuSize	RuIndex	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11AX20	Ant9	2412	26Tone	RU0	-12.03	≤8.00	PASS
			52Tone	RU37	-14.67	≤8.00	PASS
			106Tone	RU53	-13.47	≤8.00	PASS
		2437	26Tone	RU0	-11.45	≤8.00	PASS
			52Tone	RU37	-13.21	≤8.00	PASS
			106Tone	RU53	-13.85	≤8.00	PASS
		2462	26Tone	RU0	-11.98	≤8.00	PASS
			52Tone	RU37	-14.19	≤8.00	PASS
			106Tone	RU53	-13.04	≤8.00	PASS
11AX40	Ant9	2422	26Tone	RU0	-12.05	≤8.00	PASS
			52Tone	RU37	-13.93	≤8.00	PASS
			106Tone	RU53	-12.79	≤8.00	PASS
			242Tone	RU61	-13.06	≤8.00	PASS
		2437	26Tone	RU0	-11.54	≤8.00	PASS
			52Tone	RU37	-13.48	≤8.00	PASS
			106Tone	RU53	-12.55	≤8.00	PASS
			242Tone	RU61	-13.08	≤8.00	PASS
		2452	26Tone	RU0	-11.93	≤8.00	PASS
			52Tone	RU37	-14.11	≤8.00	PASS
			106Tone	RU53	-13.22	≤8.00	PASS
			242Tone	RU61	-13.32	≤8.00	PASS

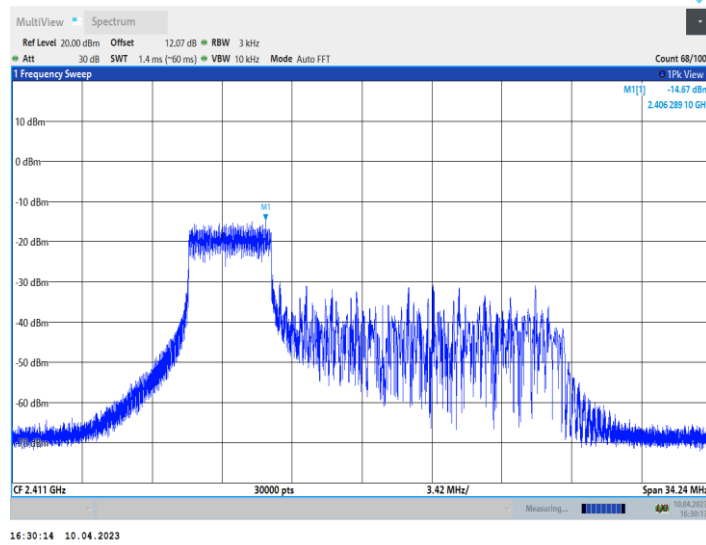
TestMode	Antenna	Frequency[MHz]	RuSize	RuIndex	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11AX20	Ant10	2412	26Tone	RU0	-11.72	≤8.00	PASS
			52Tone	RU37	-14.69	≤8.00	PASS
			106Tone	RU53	-13.79	≤8.00	PASS
		2437	26Tone	RU0	-12.07	≤8.00	PASS
			52Tone	RU37	-14.92	≤8.00	PASS
			106Tone	RU53	-13.4	≤8.00	PASS
		2462	26Tone	RU0	-11.76	≤8.00	PASS
			52Tone	RU37	-14.65	≤8.00	PASS
			106Tone	RU53	-12.76	≤8.00	PASS
11AX40	Ant10	2422	26Tone	RU0	-11.15	≤8.00	PASS
			52Tone	RU37	-14.01	≤8.00	PASS
			106Tone	RU53	-12.76	≤8.00	PASS
		2437	26Tone	RU0	-11.25	≤8.00	PASS
			52Tone	RU37	-13.39	≤8.00	PASS
			106Tone	RU53	-13.06	≤8.00	PASS
		2452	26Tone	RU0	-12.25	≤8.00	PASS
52Tone	RU37		-13.74	≤8.00	PASS		
		106Tone	RU53	-12.87	≤8.00	PASS	

TestMode	Antenna	Frequency[MHz]	RuSize	RuIndex	Result [dBm/3kHz]			Limit [dBm/3kHz]	Verdict
					Ant9	Ant10	Total(Ant9+Ant10)		
11AX20	Ant9	2412	26Tone	RU0	-12.03	-11.72	-8.86	≤8.00	PASS
			52Tone	RU37	-14.67	-14.69	-11.67	≤8.00	PASS
			106Tone	RU53	-13.47	-13.79	-10.62	≤8.00	PASS
		2437	26Tone	RU0	-11.45	-12.07	-8.74	≤8.00	PASS
			52Tone	RU37	-13.21	-14.92	-10.97	≤8.00	PASS
			106Tone	RU53	-13.85	-13.4	-10.61	≤8.00	PASS
		2462	26Tone	RU0	-11.98	-11.76	-8.86	≤8.00	PASS
			52Tone	RU37	-14.19	-14.65	-11.40	≤8.00	PASS
			106Tone	RU53	-13.04	-12.76	-9.89	≤8.00	PASS
11AX40	Ant9	2422	26Tone	RU0	-12.05	-11.15	-8.57	≤8.00	PASS
			52Tone	RU37	-13.93	-14.01	-10.96	≤8.00	PASS
			106Tone	RU53	-12.79	-12.76	-9.76	≤8.00	PASS
			242Tone	RU61	-13.06	-11.25	-9.05	≤8.00	PASS
		2437	26Tone	RU0	-11.54	-13.39	-9.36	≤8.00	PASS
			52Tone	RU37	-13.48	-13.06	-10.25	≤8.00	PASS
			106Tone	RU53	-12.55	-12.25	-9.39	≤8.00	PASS
			242Tone	RU61	-13.08	-13.74	-10.39	≤8.00	PASS
		2452	26Tone	RU0	-11.93	-12.87	-9.36	≤8.00	PASS
			52Tone	RU37	-14.11	-11.72	-9.74	≤8.00	PASS
			106Tone	RU53	-13.22	-14.69	-10.88	≤8.00	PASS
			242Tone	RU61	-13.32	-13.79	-10.54	≤8.00	PASS

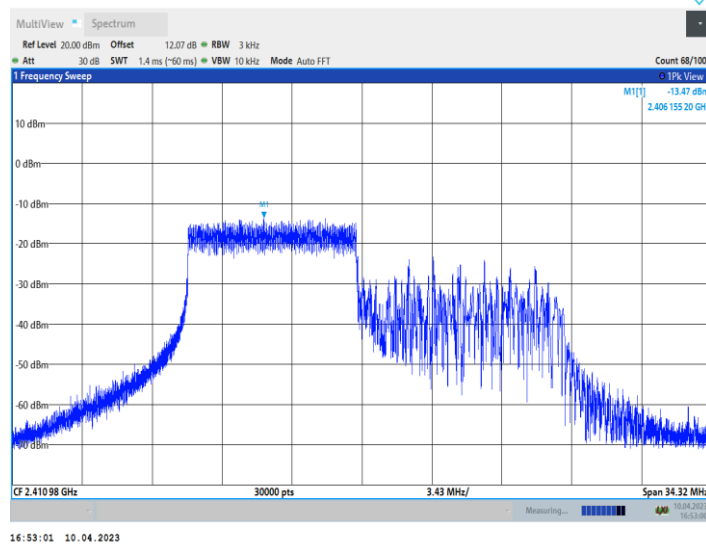
11AX20_Ant9_2412_26Tone_RU0



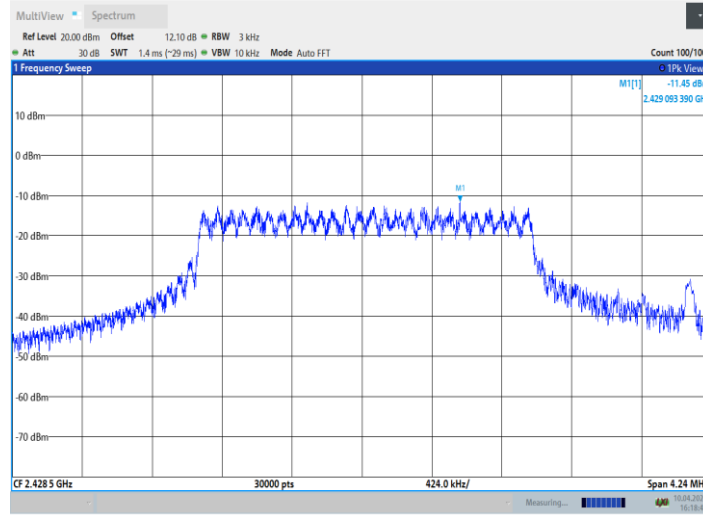
11AX20_Ant9_2412_52Tone_RU37



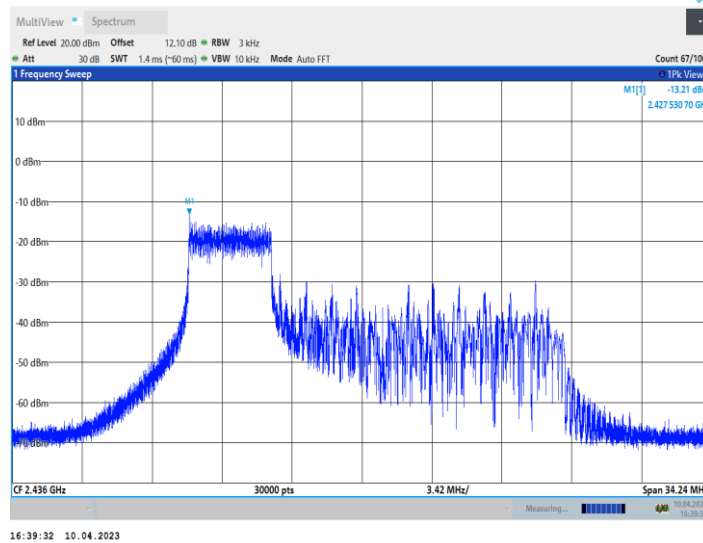
11AX20_Ant9_2412_106Tone_RU53



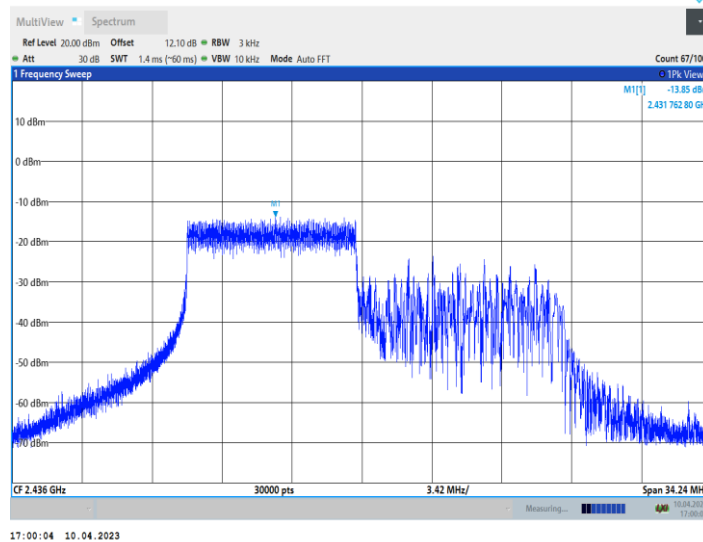
11AX20_Ant9_2437_26Tone_RU0



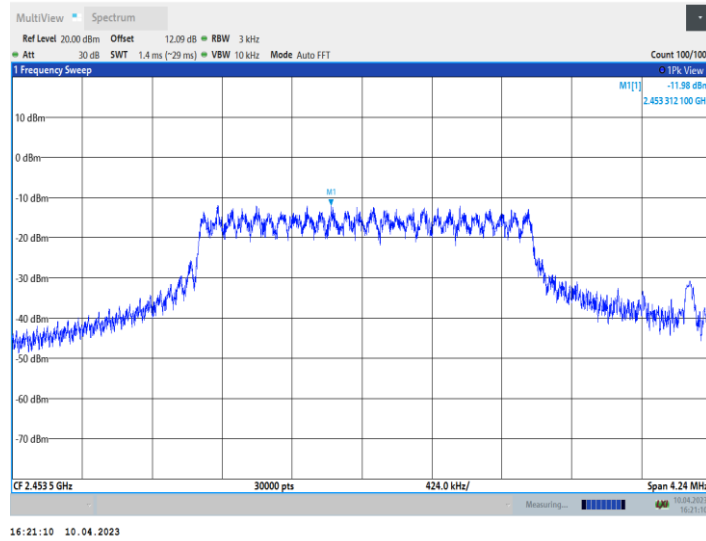
11AX20_Ant9_2437_52Tone_RU37



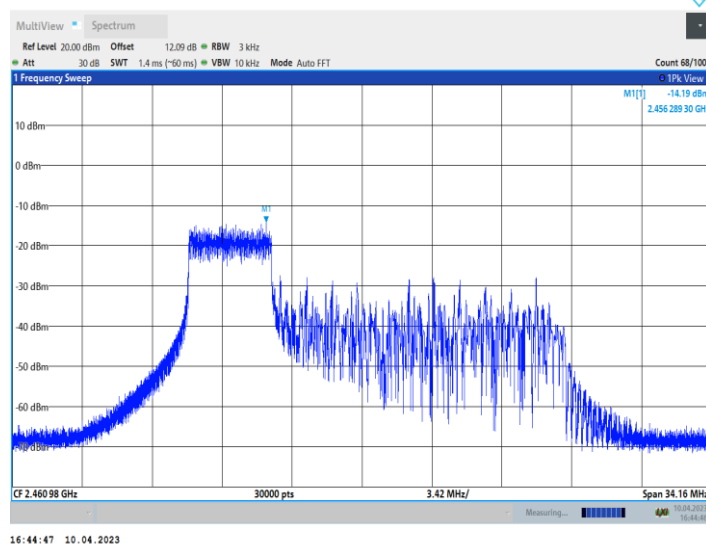
11AX20_Ant9_2437_106Tone_RU53



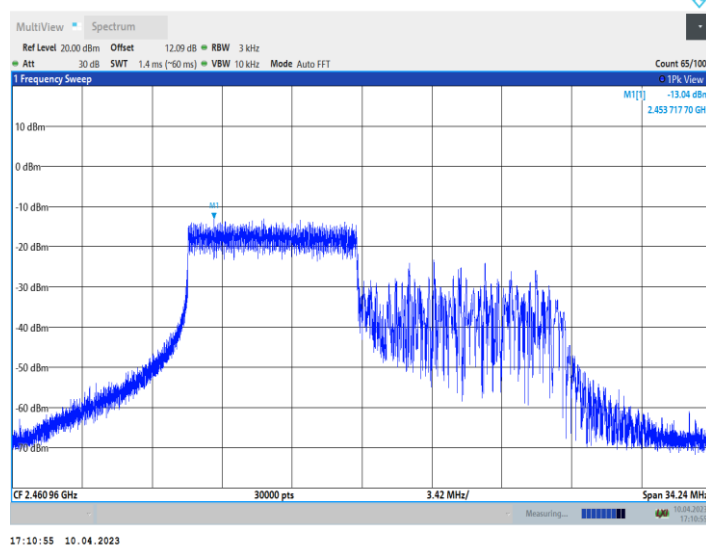
11AX20_Ant9_2462_26Tone_RU0



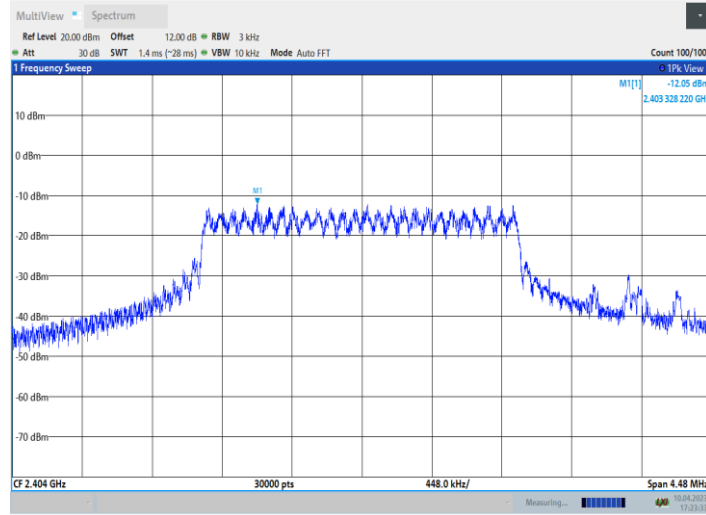
11AX20_Ant9_2462_52Tone_RU37



11AX20_Ant9_2462_106Tone_RU53

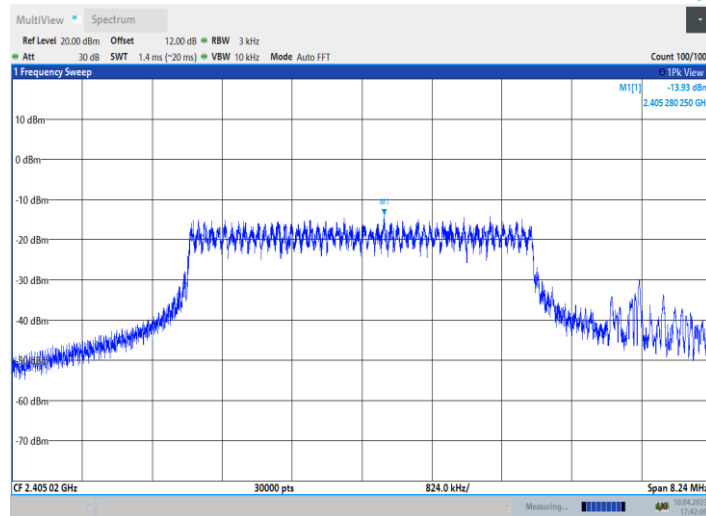


11AX40_Ant9_2422_26Tone_RU0



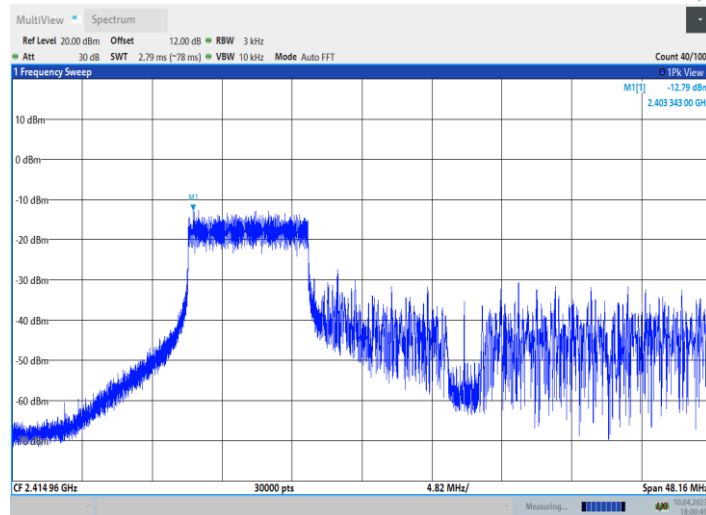
17:23:33 10.04.2023

11AX40_Ant9_2422_52Tone_RU37



17:42:09 10.04.2023

11AX40_Ant9_2422_106Tone_RU53



18:00:50 10.04.2023