

RF Test Data for 2.4G Wi-Fi (Conducted Measurements)

General Description of EUT	
Product Name:	FTTH GEN8 AX GPON GR140IG V2 B05-1
Test Model:	GR140IG
Sample ID:	HC-C-202304-0016-01-01#
Environmental Conditions	
Temperature:	23.7°C
Relative Humidity:	49%
Test Voltage:	DC 12V
Test Engineer:	Jion Lee
Note: For a more detailed features description, please refer to the report TBR-C-202304-0016-7.	

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1. DTS Bandwidth

1.1. Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B-SISO	Ant1	2412	7.08	2408.48	2415.56	0.5	PASS
	Ant2	2412	7.04	2408.48	2415.52	0.5	PASS
	Ant1	2437	7.04	2433.48	2440.52	0.5	PASS
	Ant2	2437	7.52	2433.00	2440.52	0.5	PASS
	Ant1	2462	7.04	2458.48	2465.52	0.5	PASS
	Ant2	2462	7.04	2458.48	2465.52	0.5	PASS
11G-SISO	Ant1	2412	16.08	2404.08	2420.16	0.5	PASS
	Ant2	2412	16.04	2404.12	2420.16	0.5	PASS
	Ant1	2437	16.08	2429.08	2445.16	0.5	PASS
	Ant2	2437	15.72	2429.08	2444.80	0.5	PASS
	Ant1	2462	15.68	2454.08	2469.76	0.5	PASS
	Ant2	2462	16.04	2454.12	2470.16	0.5	PASS
11B-CDD	Ant1	2412	7.04	2408.48	2415.52	0.5	PASS
	Ant2	2412	7.04	2408.48	2415.52	0.5	PASS
	Ant1	2437	7.04	2433.48	2440.52	0.5	PASS
	Ant2	2437	7.04	2433.48	2440.52	0.5	PASS
	Ant1	2462	7.04	2458.48	2465.52	0.5	PASS
	Ant2	2462	7.04	2458.48	2465.52	0.5	PASS
11G-CDD	Ant1	2412	15.68	2404.08	2419.76	0.5	PASS
	Ant2	2412	16.32	2403.84	2420.16	0.5	PASS
	Ant1	2437	16.32	2428.84	2445.16	0.5	PASS
	Ant2	2437	16.32	2428.84	2445.16	0.5	PASS
	Ant1	2462	16.08	2454.08	2470.16	0.5	PASS
	Ant2	2462	16.32	2453.84	2470.16	0.5	PASS
11N20-CDD	Ant1	2412	17.16	2403.60	2420.76	0.5	PASS
	Ant2	2412	17.56	2403.24	2420.80	0.5	PASS
	Ant1	2437	17.56	2428.20	2445.76	0.5	PASS
	Ant2	2437	17.60	2428.20	2445.80	0.5	PASS
	Ant1	2462	17.52	2453.24	2470.76	0.5	PASS
	Ant2	2462	17.56	2453.20	2470.76	0.5	PASS
11N40-CDD	Ant1	2422	35.76	2403.84	2439.60	0.5	PASS
	Ant2	2422	35.52	2404.08	2439.60	0.5	PASS
	Ant1	2437	35.76	2418.84	2454.60	0.5	PASS
	Ant2	2437	35.76	2418.84	2454.60	0.5	PASS
	Ant1	2452	35.68	2434.08	2469.76	0.5	PASS
	Ant2	2452	36.32	2433.84	2470.16	0.5	PASS
VHT20-CDD	Ant1	2412	17.56	2403.20	2420.76	0.5	PASS
	Ant2	2412	16.92	2403.84	2420.76	0.5	PASS
	Ant1	2437	17.60	2428.20	2445.80	0.5	PASS
	Ant2	2437	17.52	2428.24	2445.76	0.5	PASS
	Ant1	2462	17.52	2453.24	2470.76	0.5	PASS
	Ant2	2462	17.60	2453.20	2470.80	0.5	PASS
VHT40-CDD	Ant1	2422	35.76	2403.84	2439.60	0.5	PASS
	Ant2	2422	35.92	2403.84	2439.76	0.5	PASS
	Ant1	2437	35.76	2418.84	2454.60	0.5	PASS
	Ant2	2437	35.92	2418.84	2454.76	0.5	PASS
	Ant1	2452	35.76	2433.84	2469.60	0.5	PASS
	Ant2	2452	36.32	2433.84	2470.16	0.5	PASS
11AX20-CDD	Ant1	2412	18.52	2402.72	2421.24	0.5	PASS
	Ant2	2412	18.56	2402.92	2421.48	0.5	PASS
	Ant1	2437	18.64	2427.88	2446.52	0.5	PASS
	Ant2	2437	18.88	2427.56	2446.44	0.5	PASS
	Ant1	2462	18.92	2452.60	2471.52	0.5	PASS
	Ant2	2462	18.88	2452.60	2471.48	0.5	PASS
11AX40-CDD	Ant1	2422	37.60	2403.20	2440.80	0.5	PASS
	Ant2	2422	36.40	2403.20	2439.60	0.5	PASS
	Ant1	2437	37.20	2418.52	2455.72	0.5	PASS
	Ant2	2437	37.28	2418.20	2455.48	0.5	PASS
	Ant1	2452	37.36	2433.12	2470.48	0.5	PASS
	Ant2	2452	35.04	2434.56	2469.60	0.5	PASS

1.2. Test Graphs

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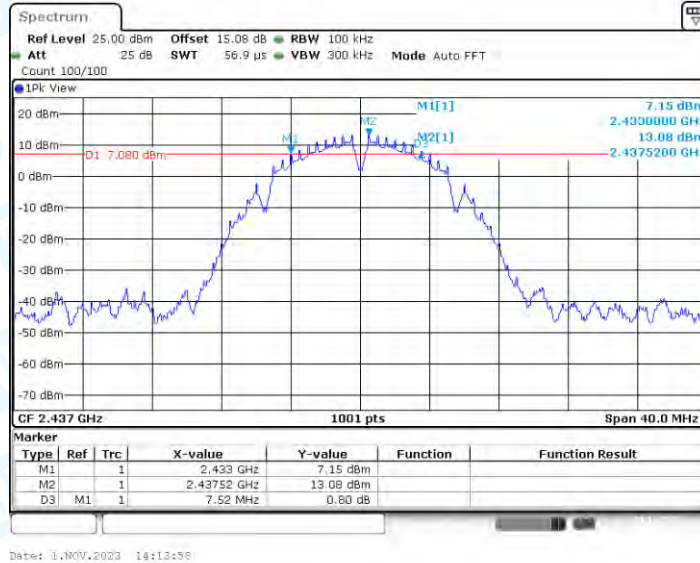
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11B-SISO_Ant1_2437



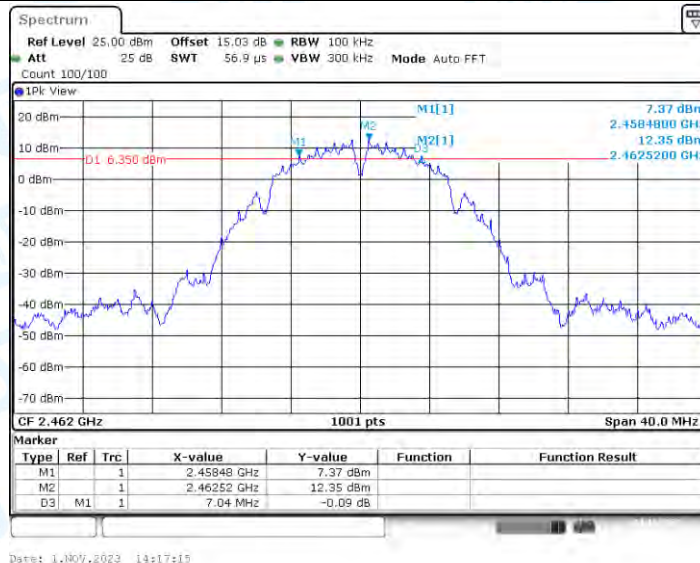
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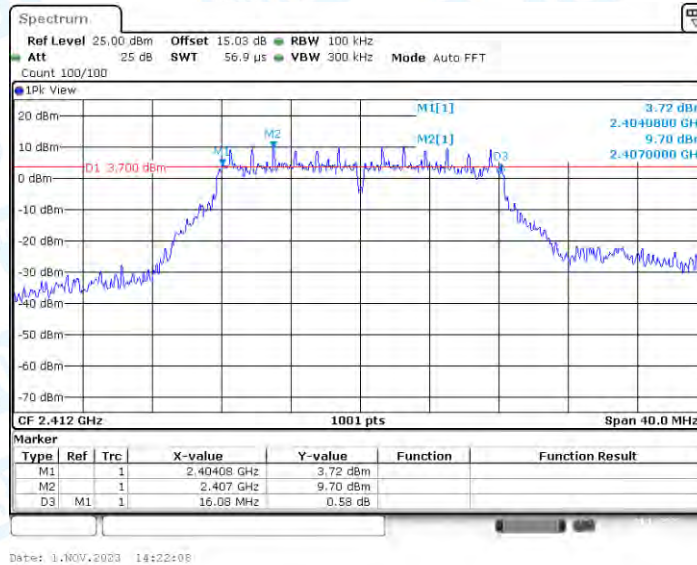
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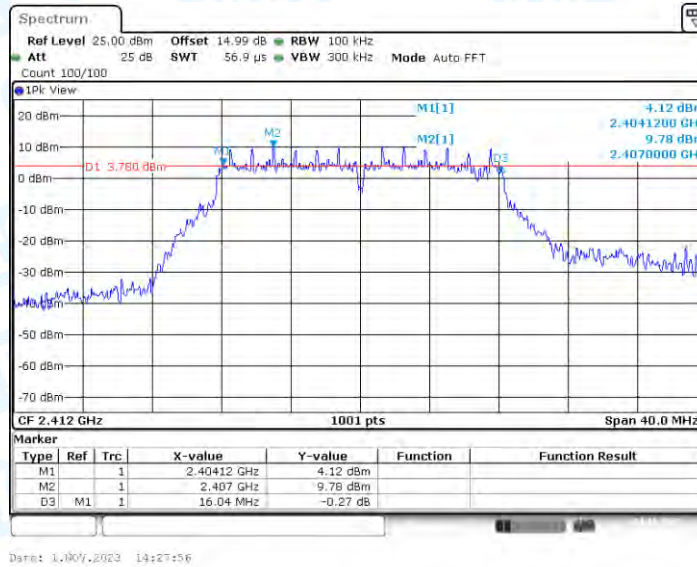
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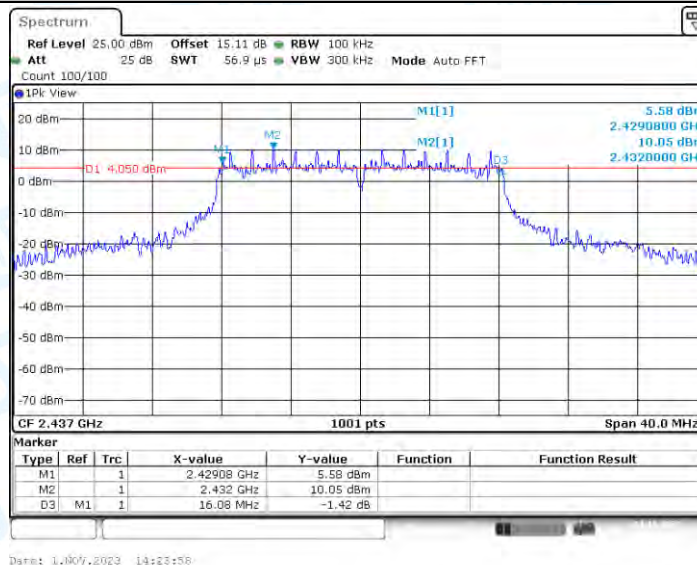
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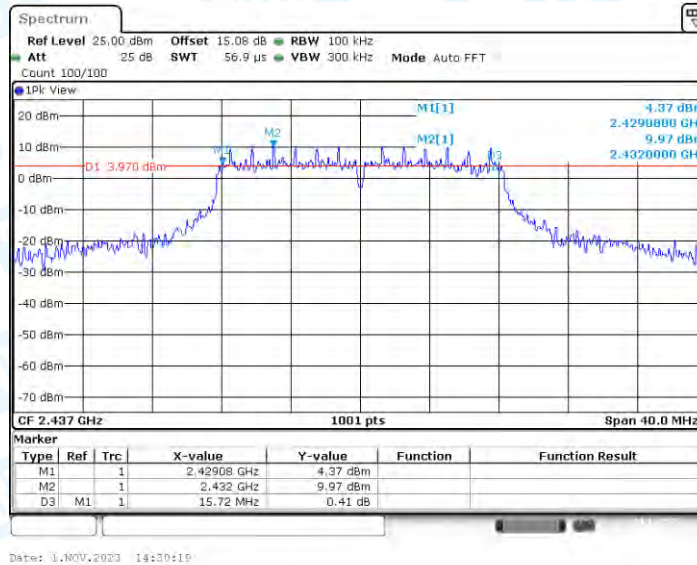
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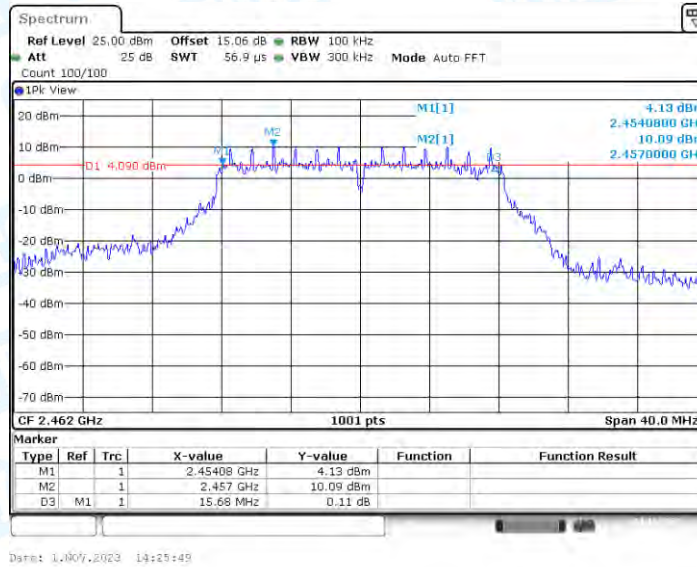
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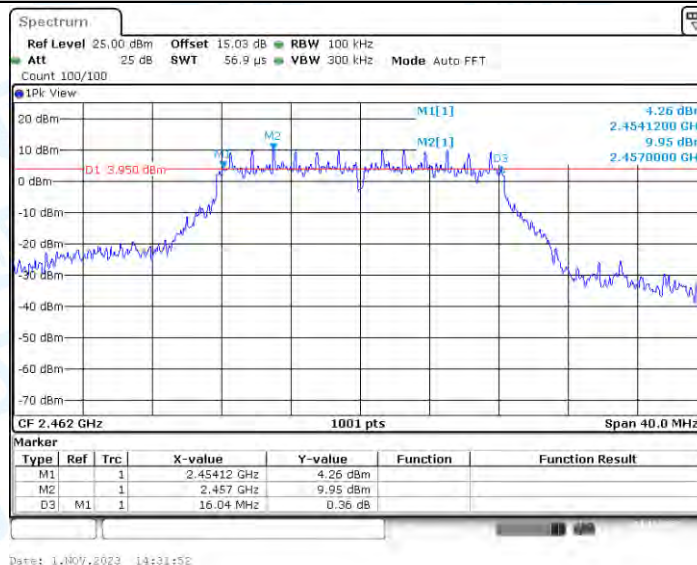
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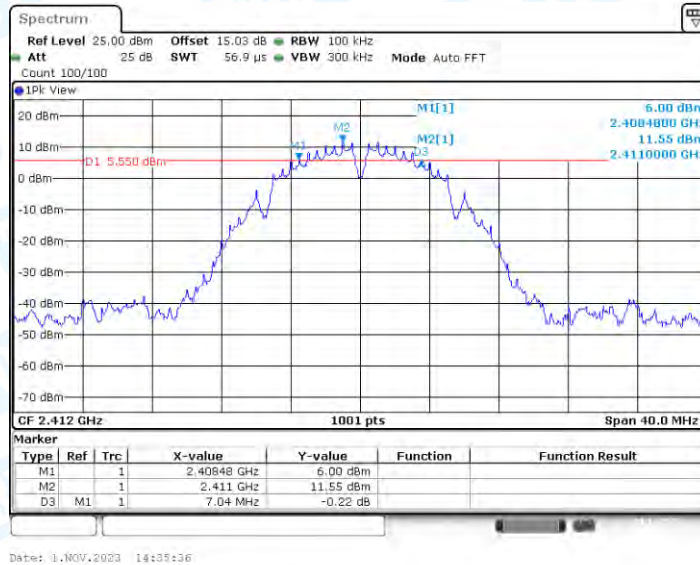
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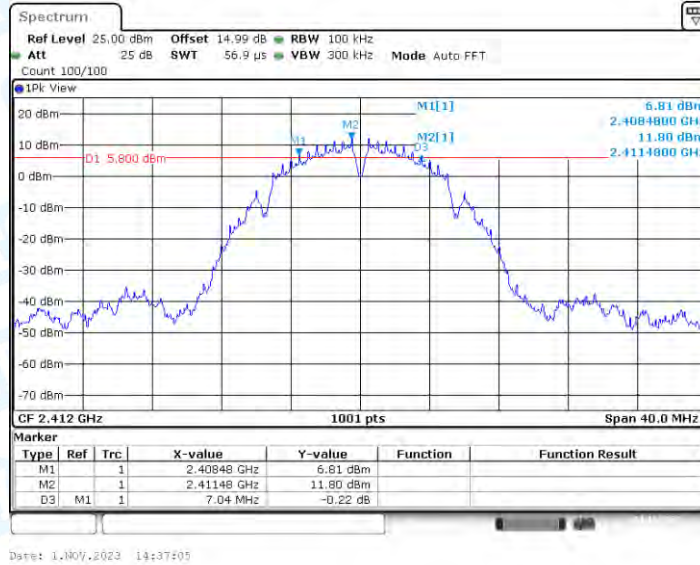
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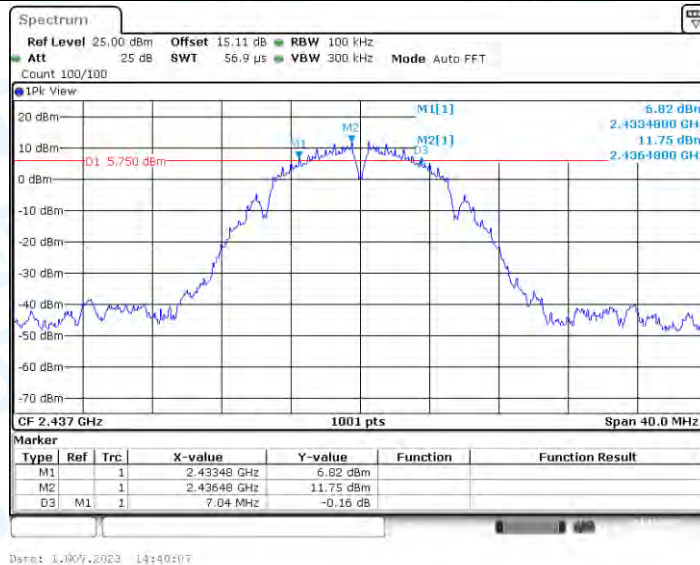
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11B-CDD_Ant2_2412



11B-CDD_Ant1_2437



11B-CDD_Ant2_2437



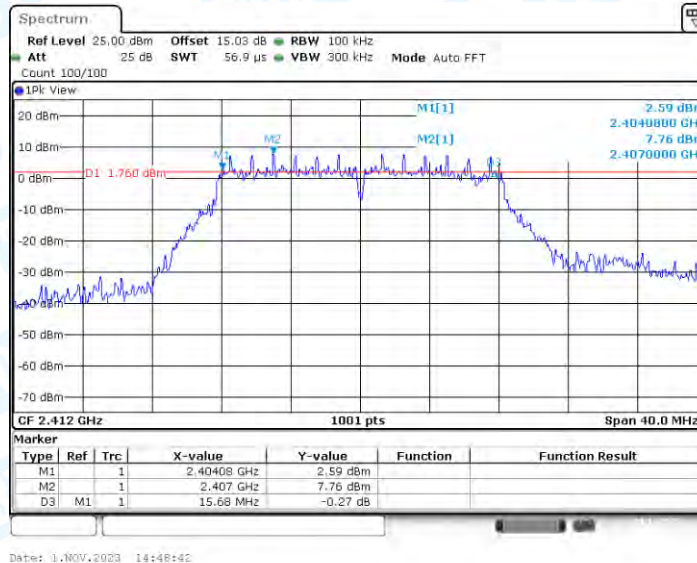
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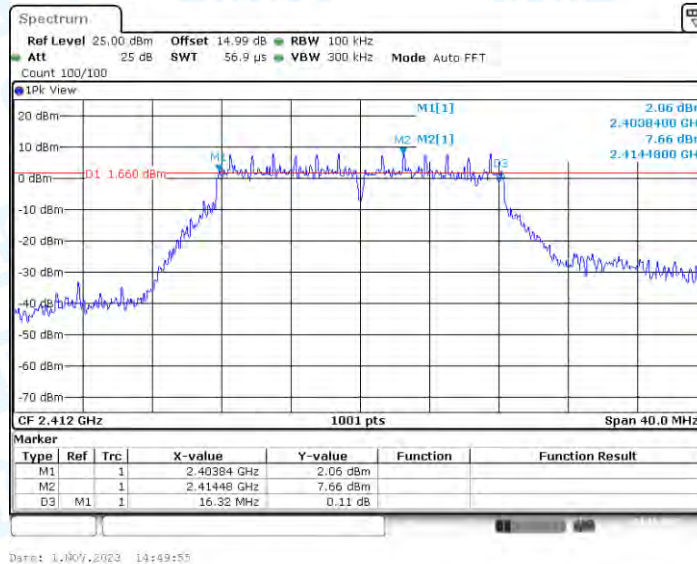
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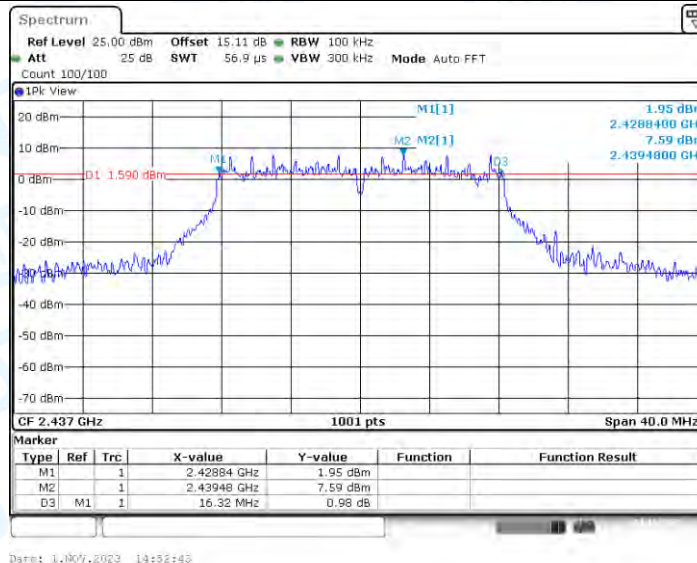
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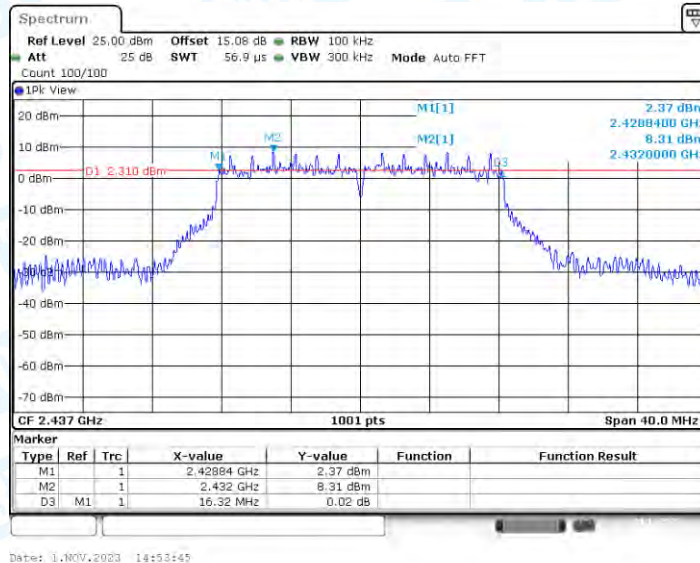
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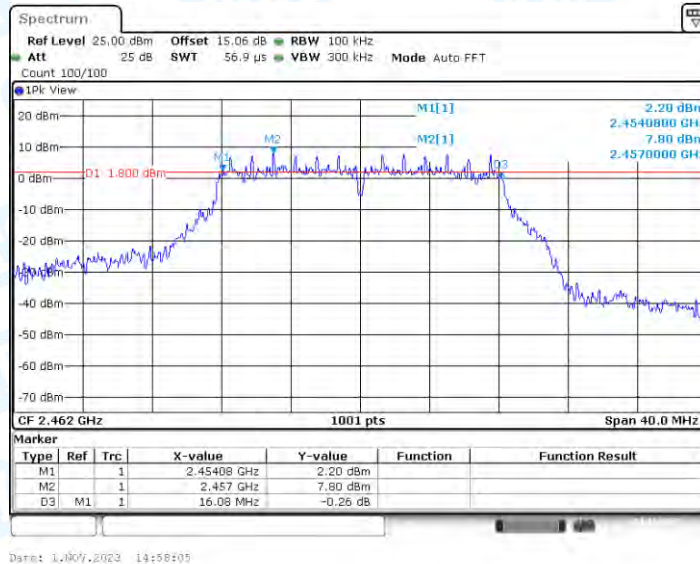
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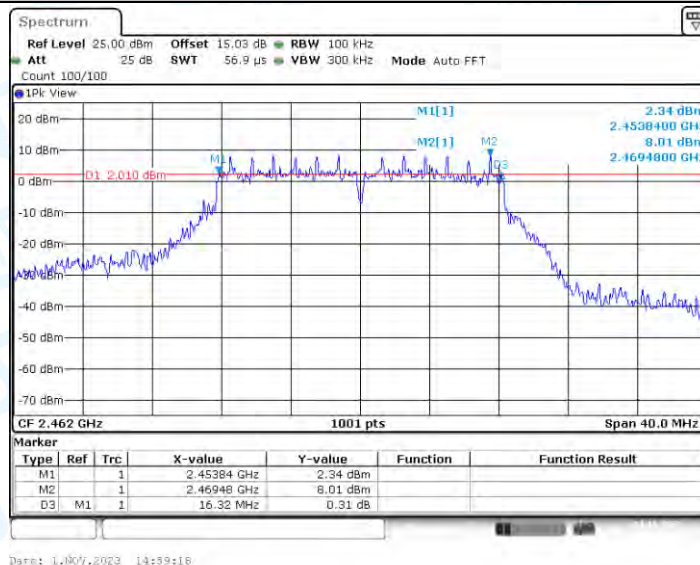
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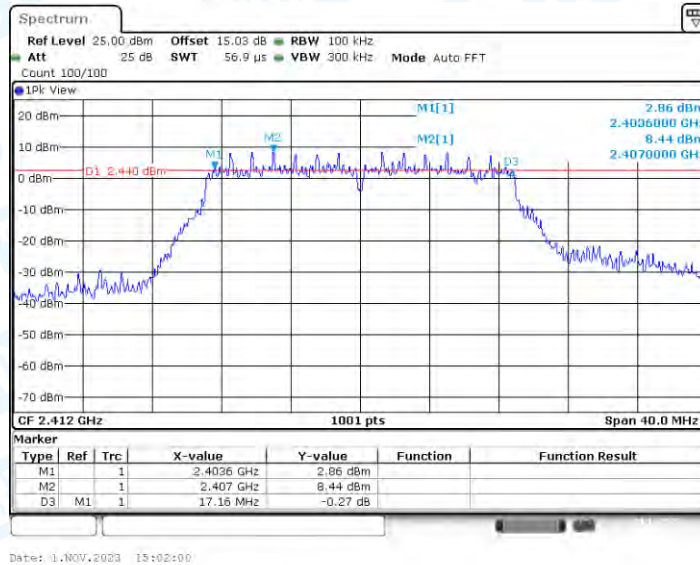
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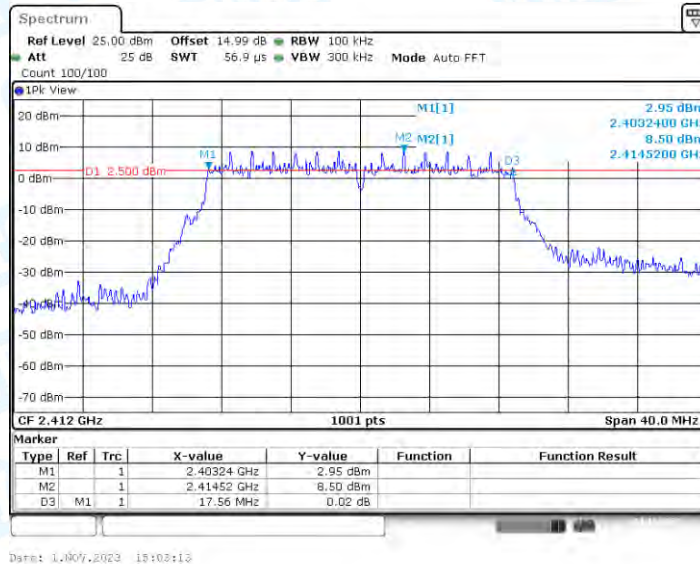
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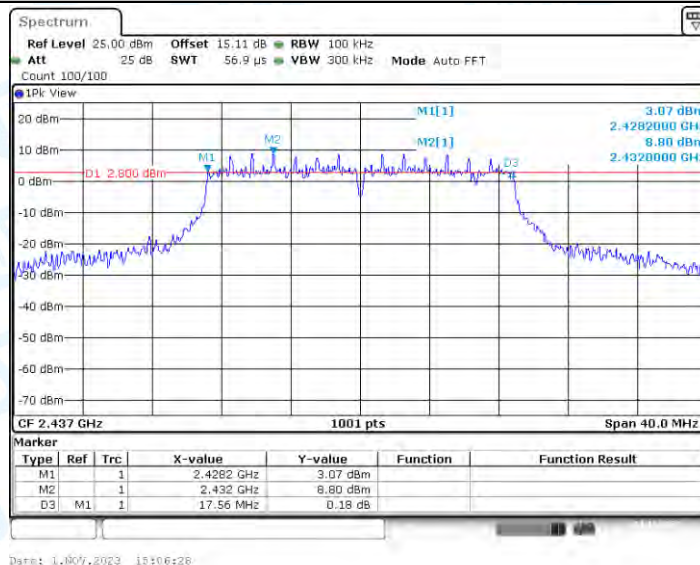
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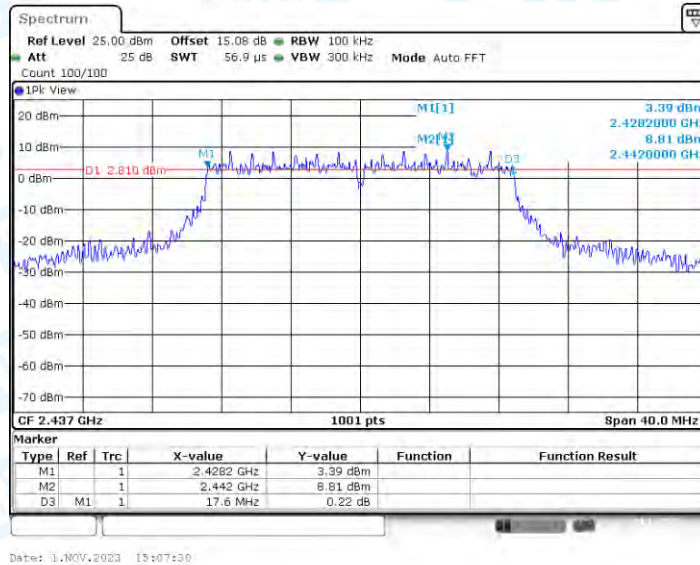
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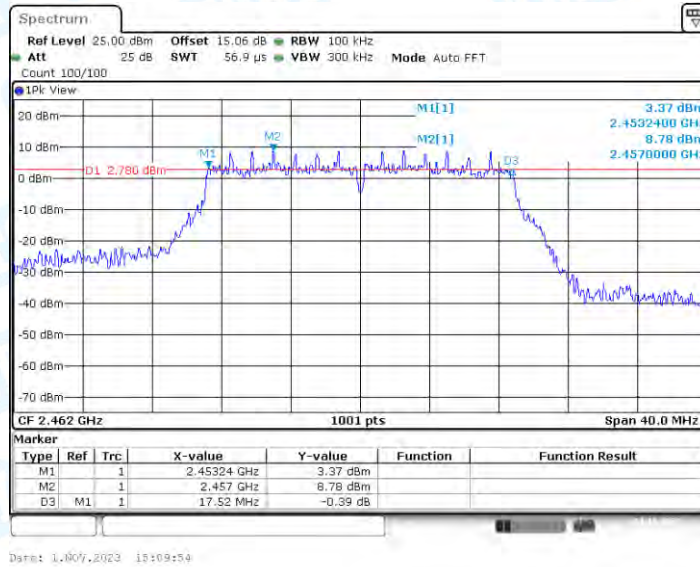
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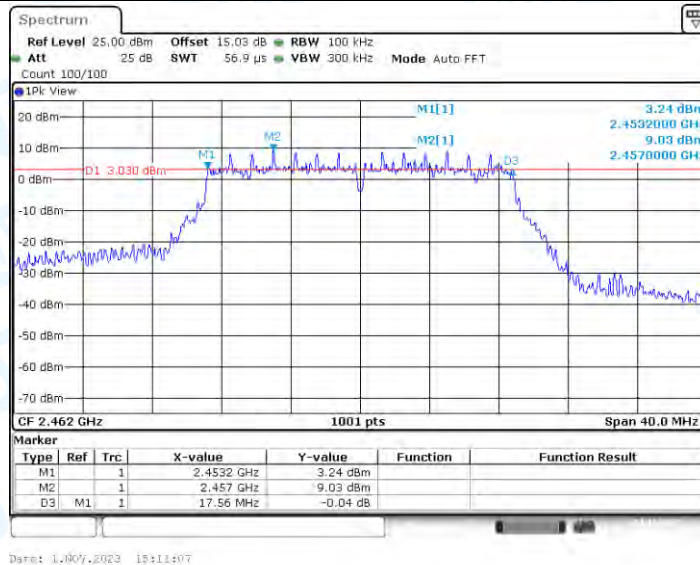
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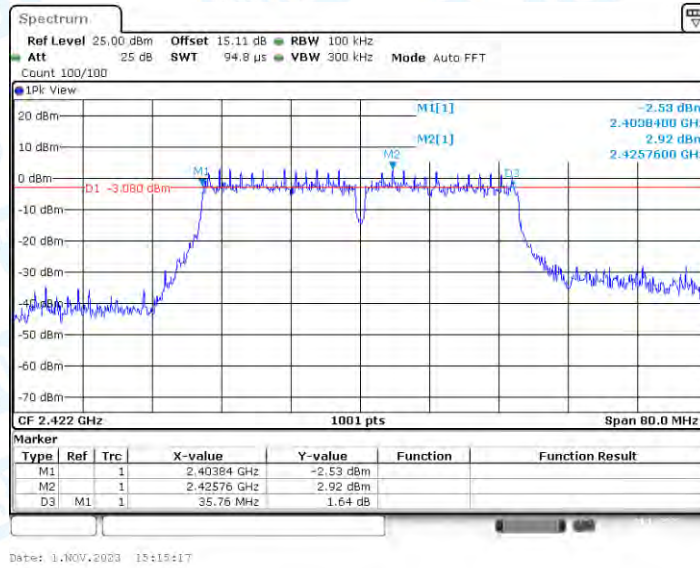
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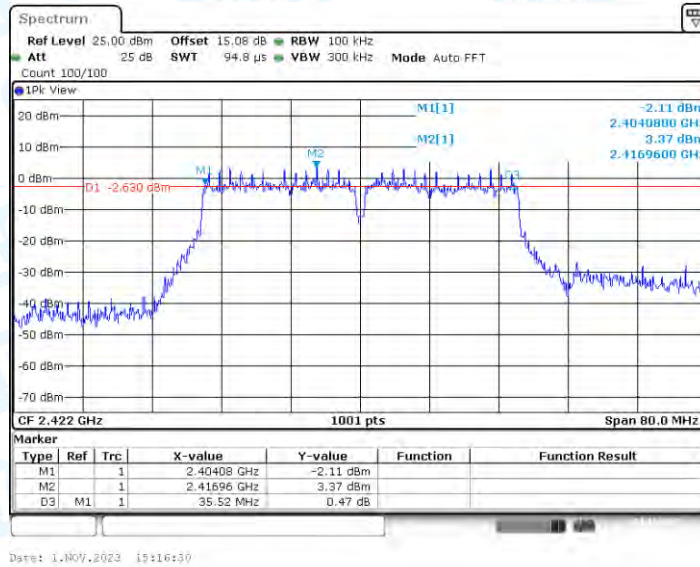
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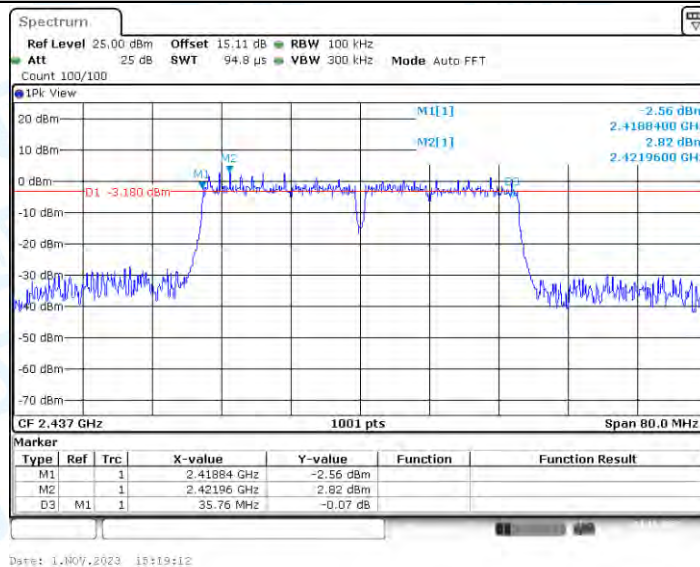
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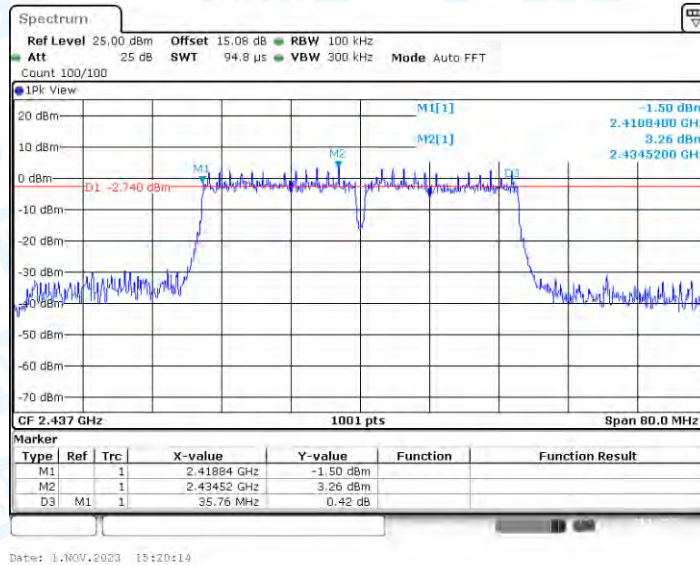
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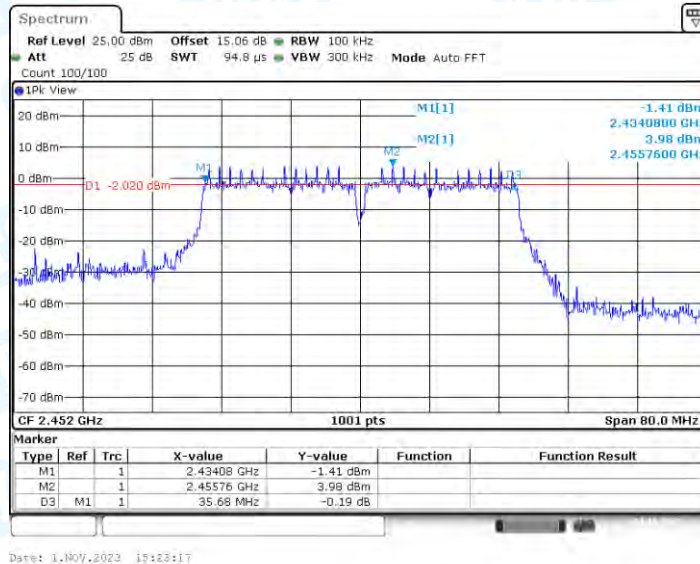
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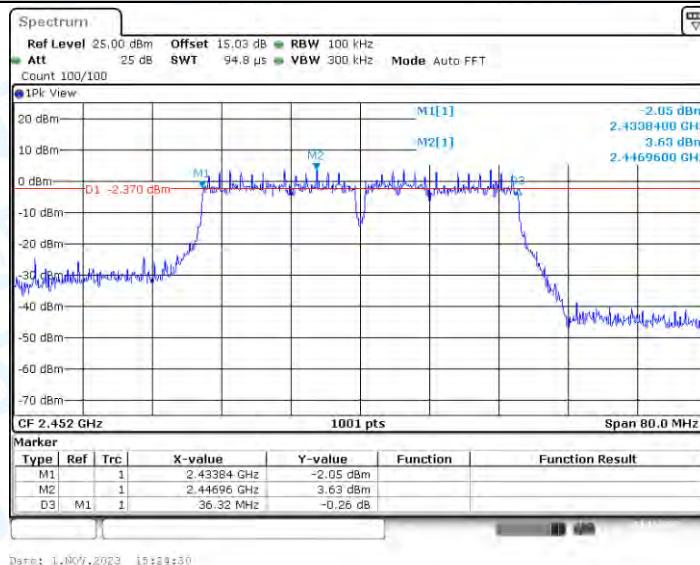
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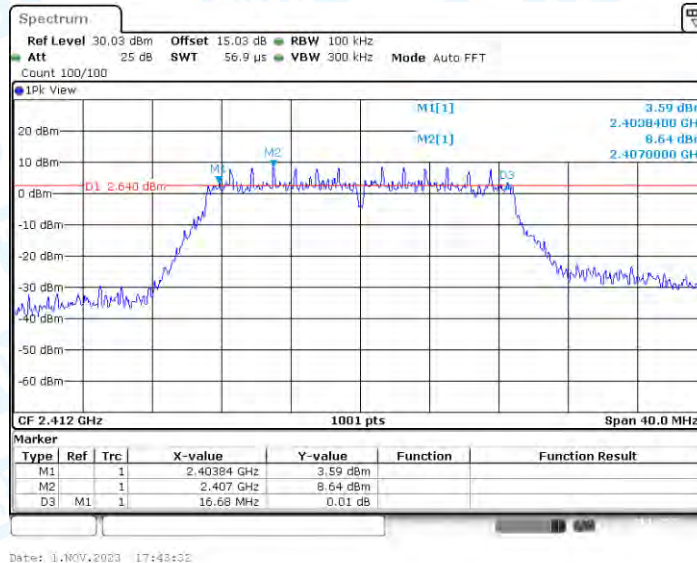
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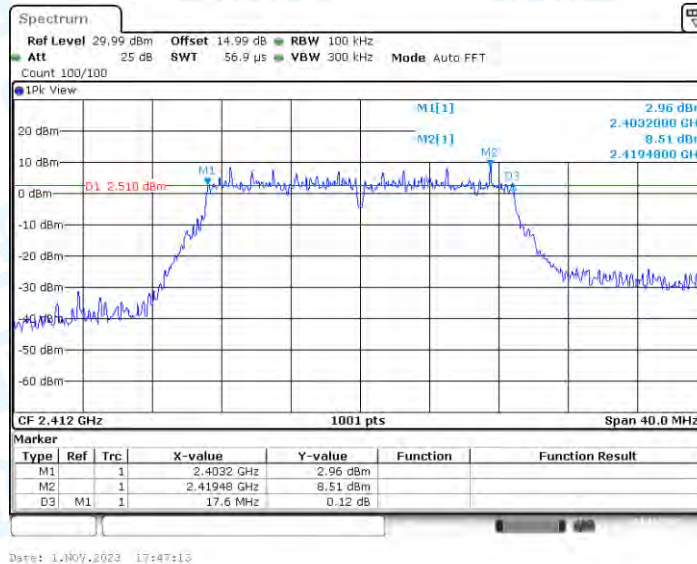
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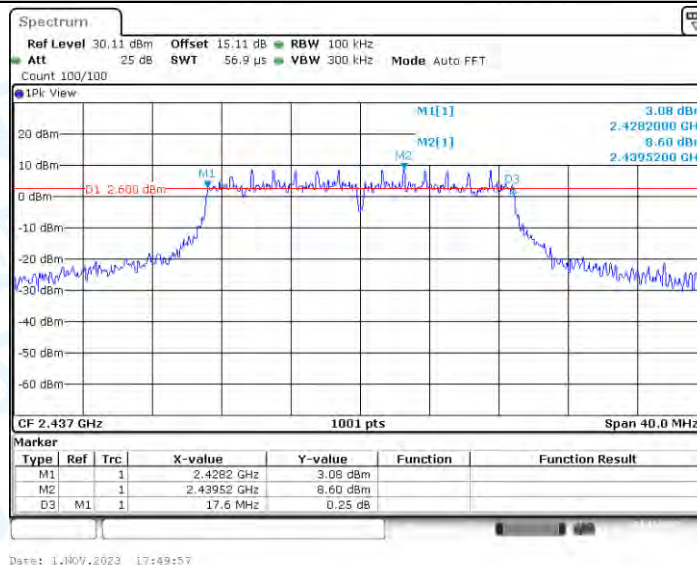
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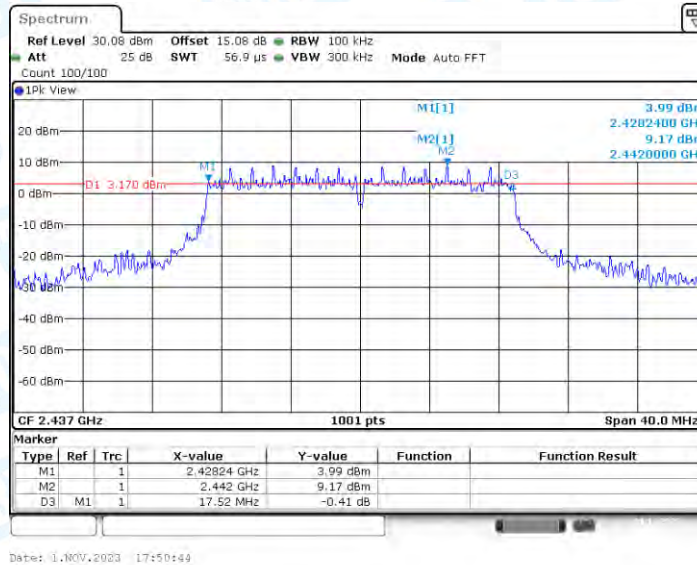
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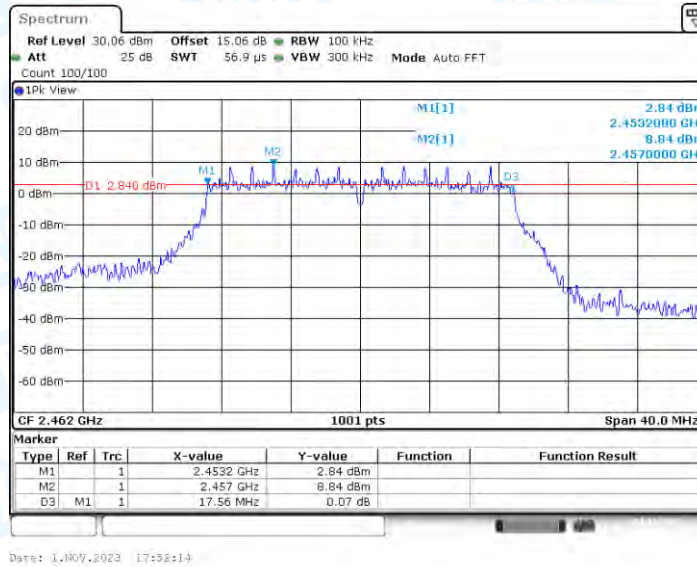
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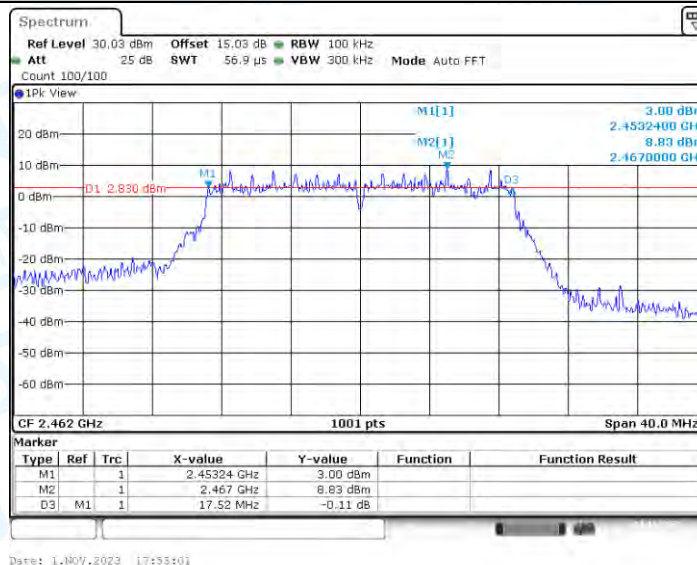
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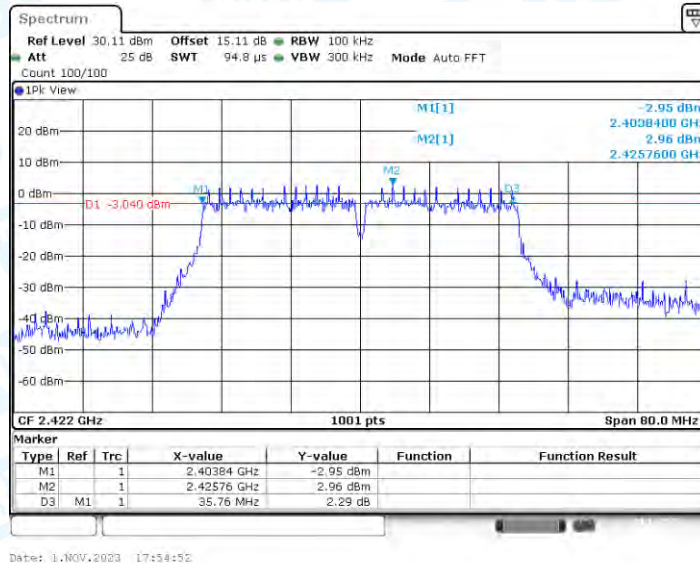
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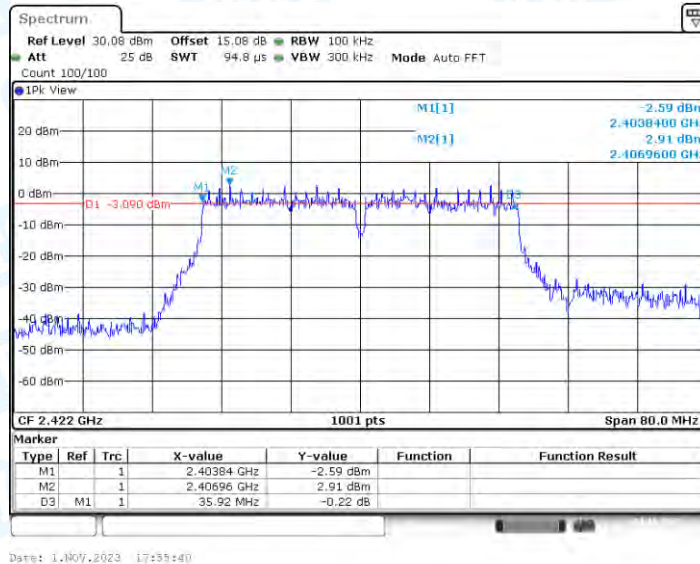
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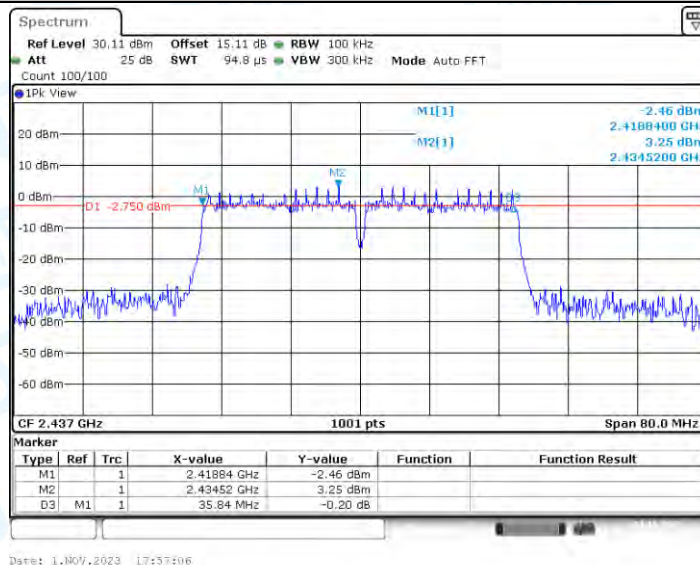
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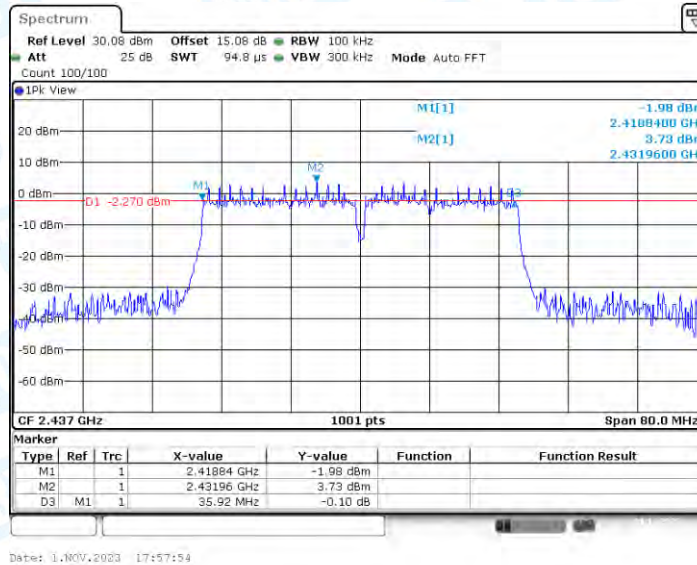
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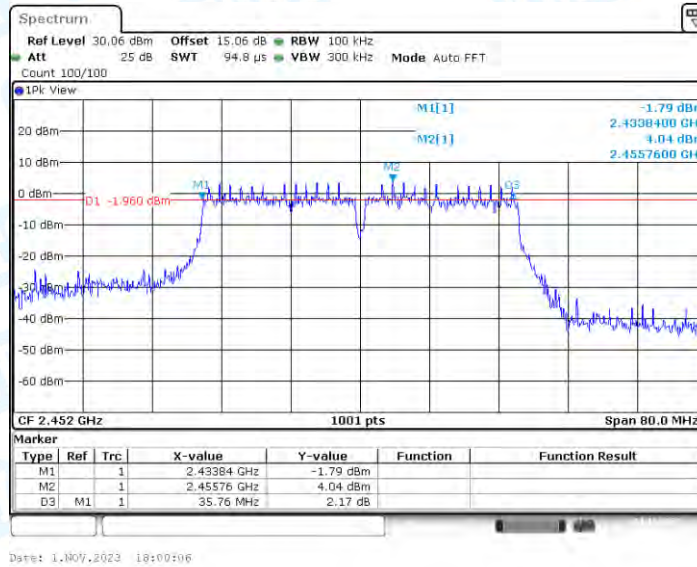
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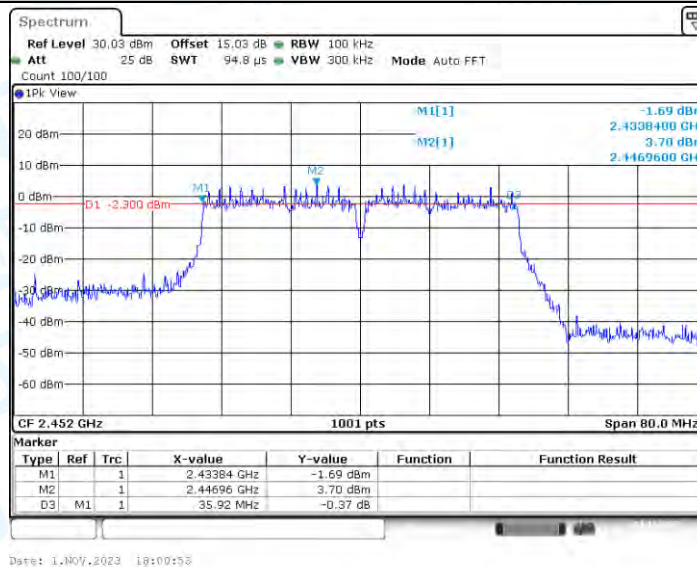
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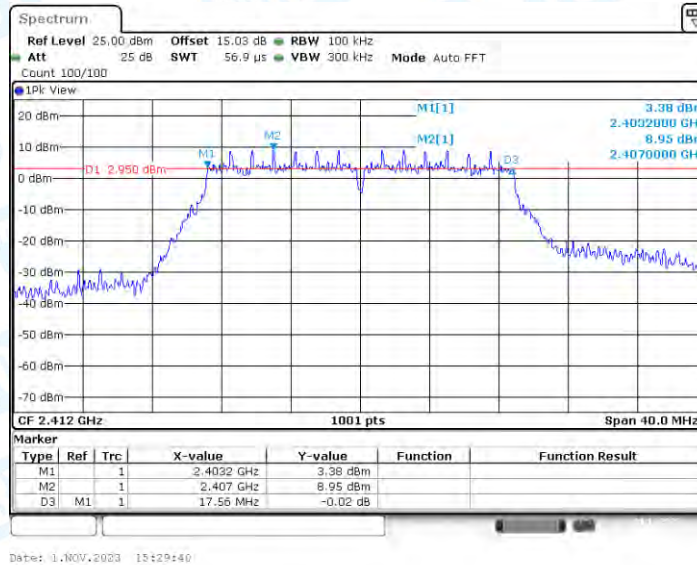
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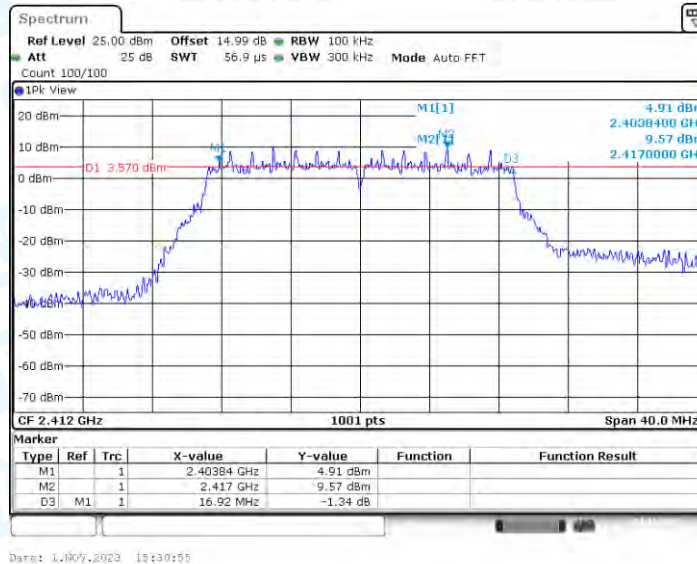
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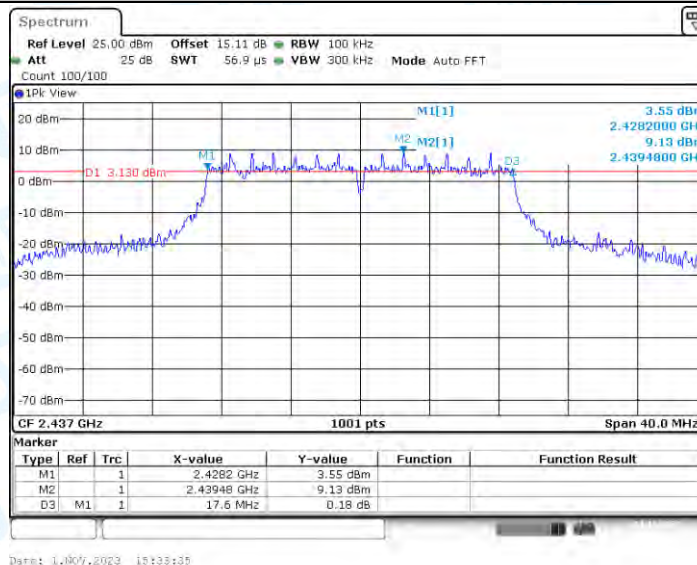
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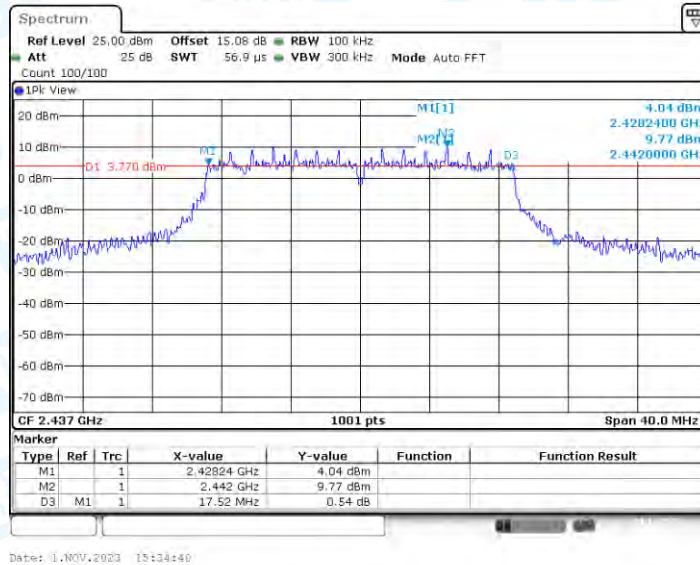
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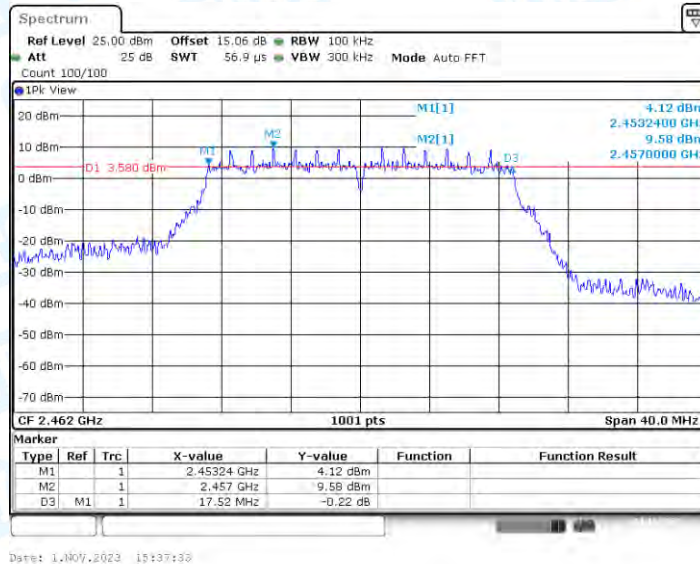
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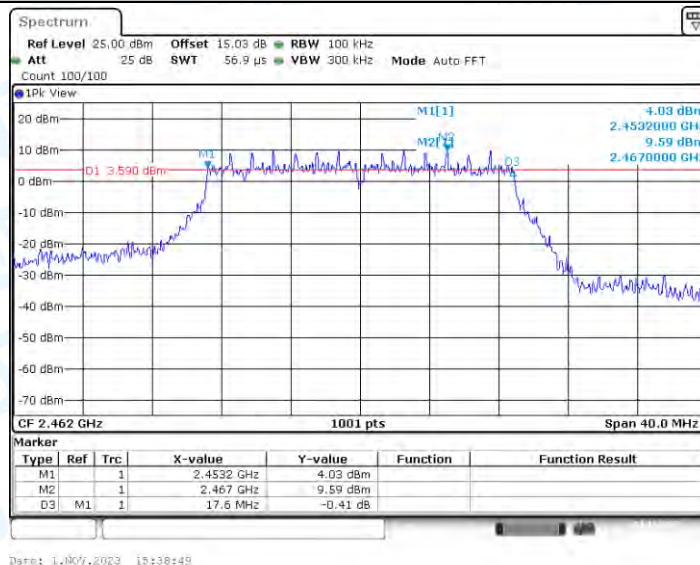
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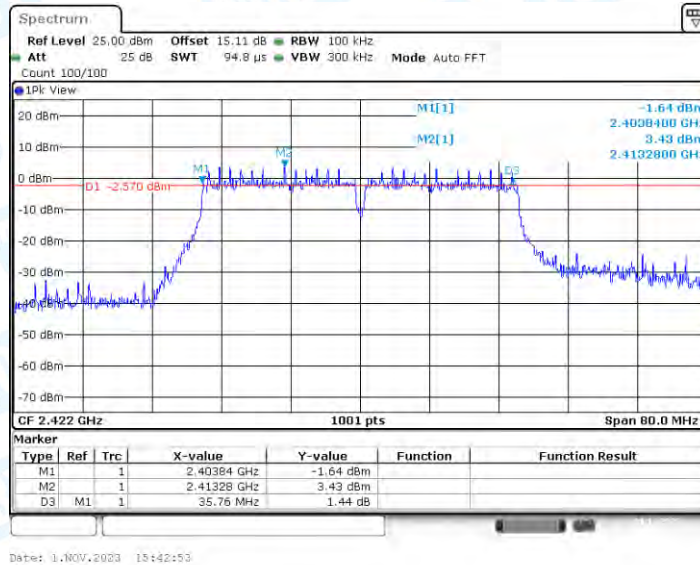
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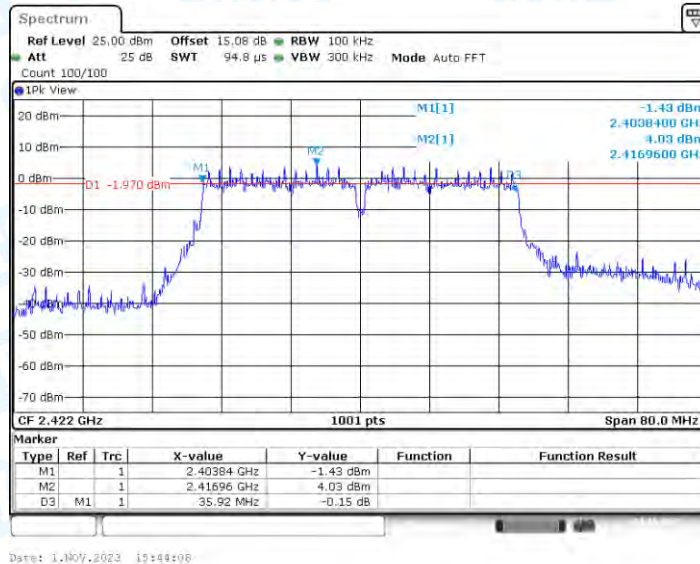
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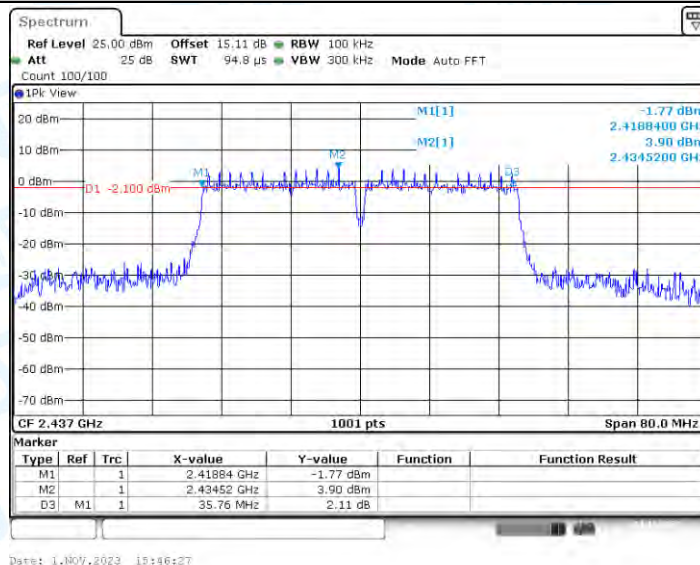
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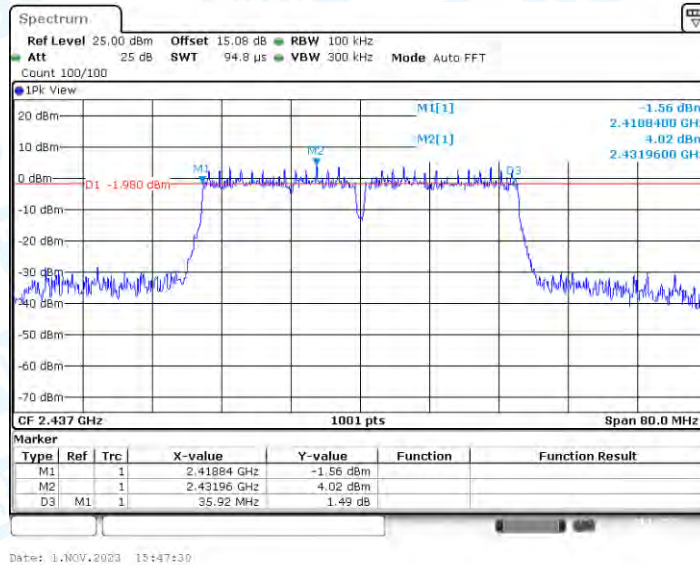
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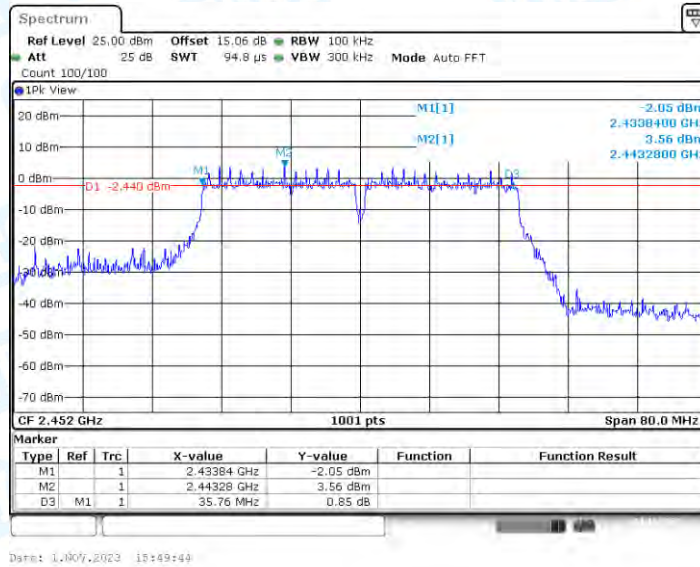
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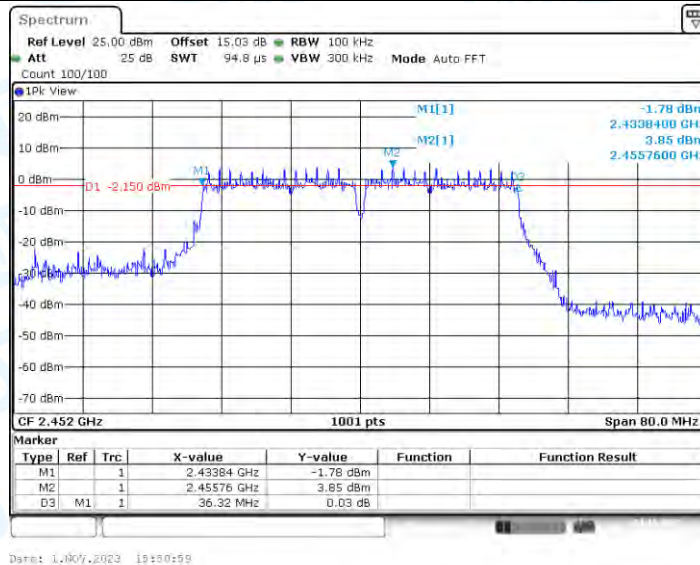
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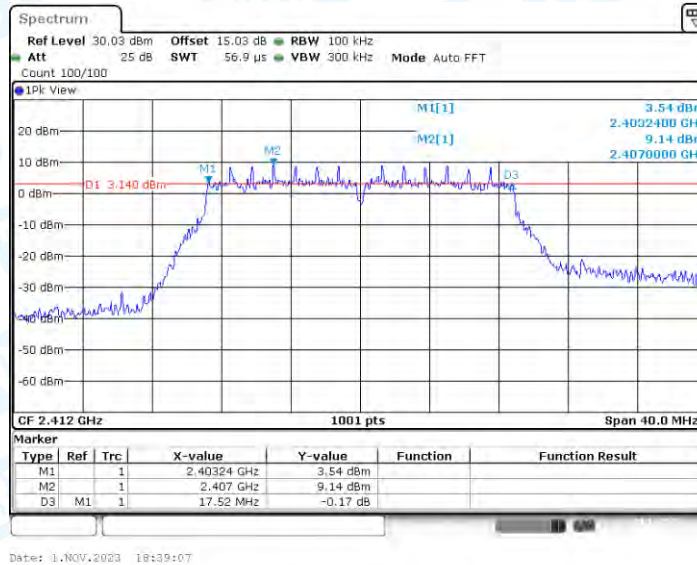
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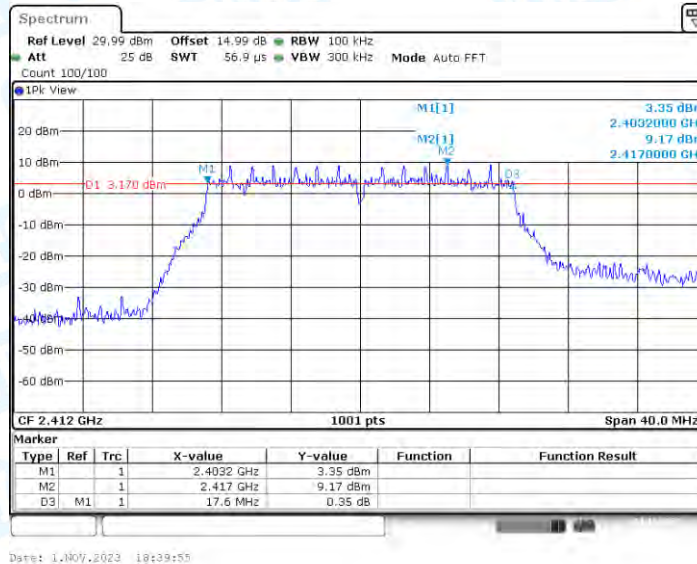
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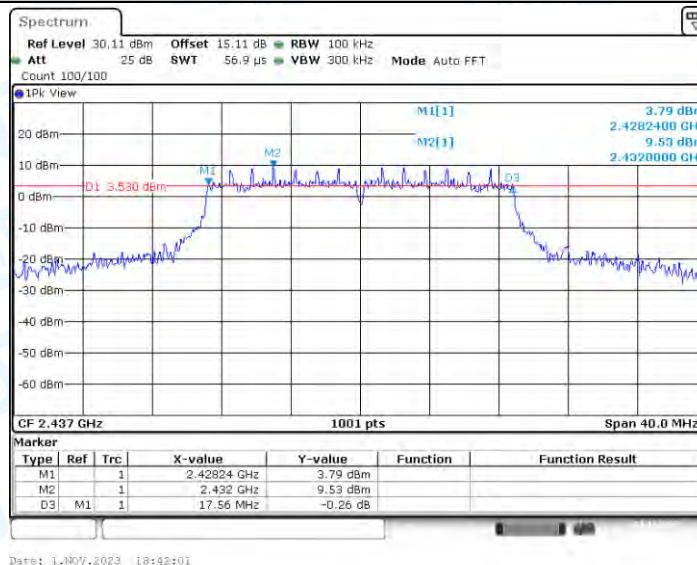
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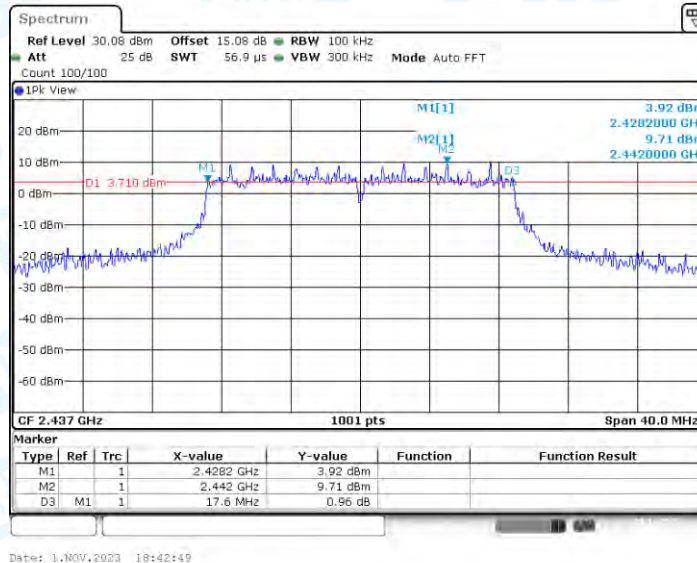
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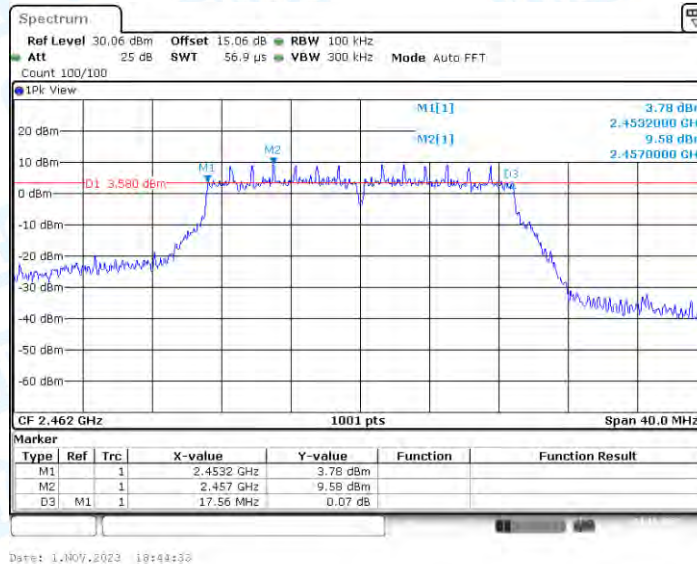
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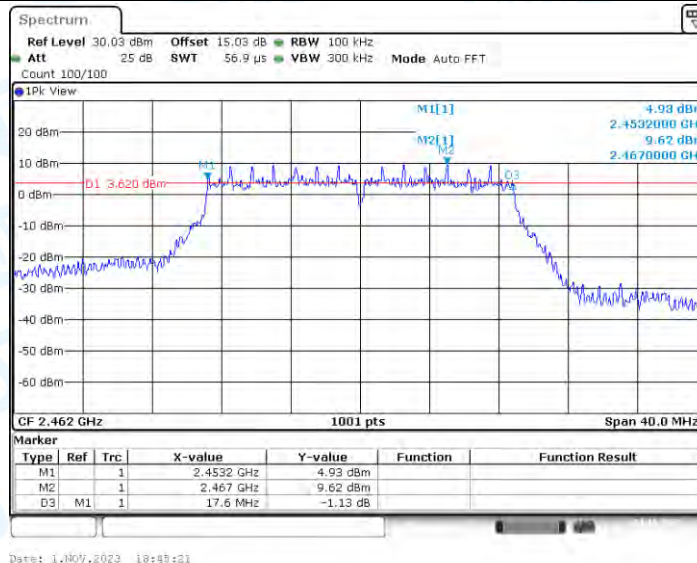
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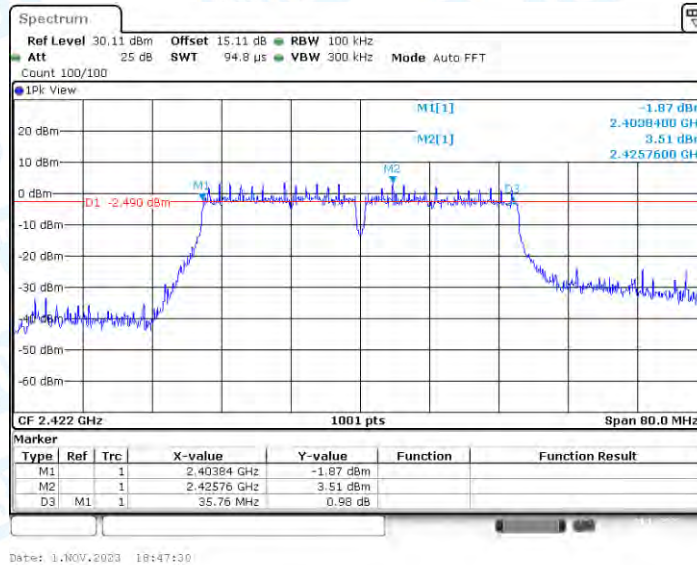
VHT20MIMO_Ant1_2462



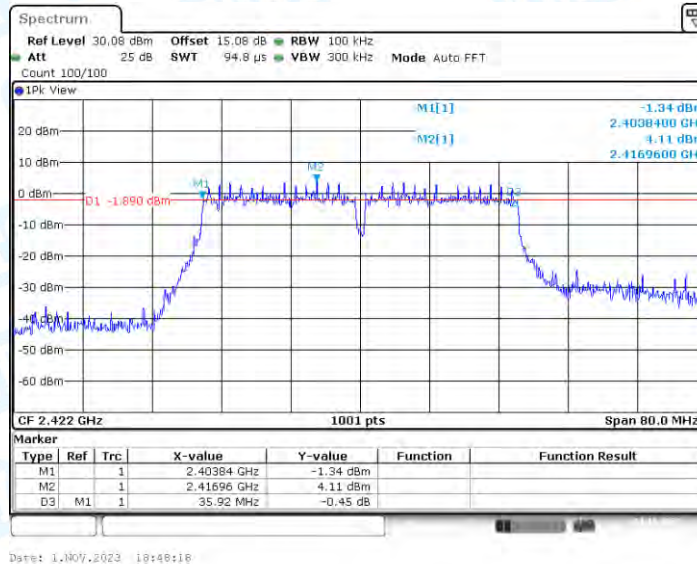
VHT20MIMO_Ant2_2462



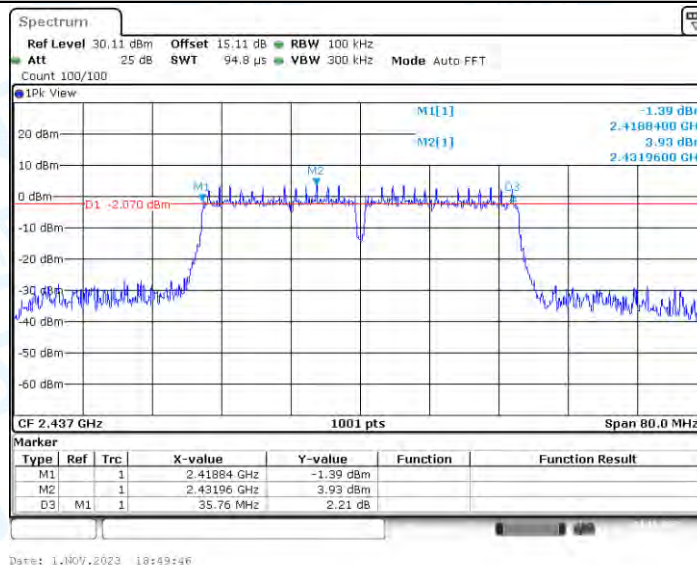
VHT40MIMO_Ant1_2422



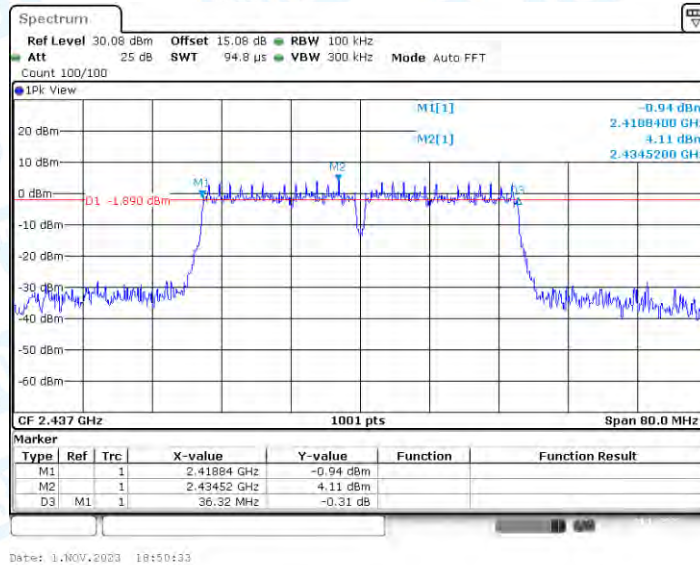
VHT40MIMO_Ant2_2422



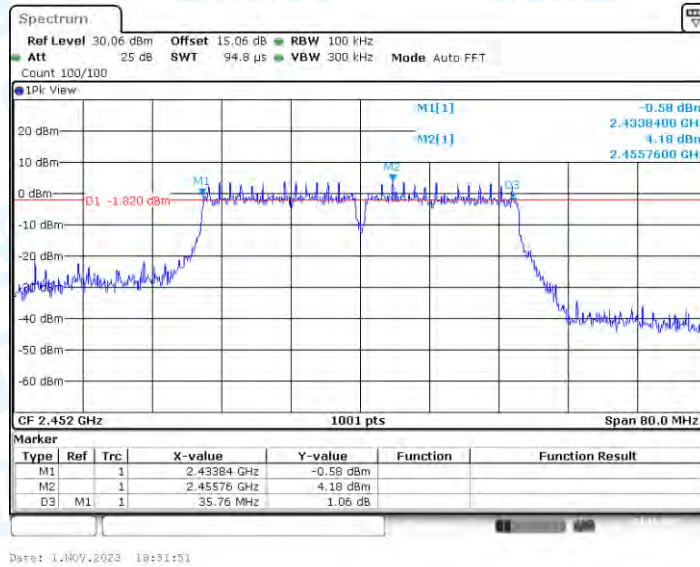
VHT40MIMO_Ant1_2437



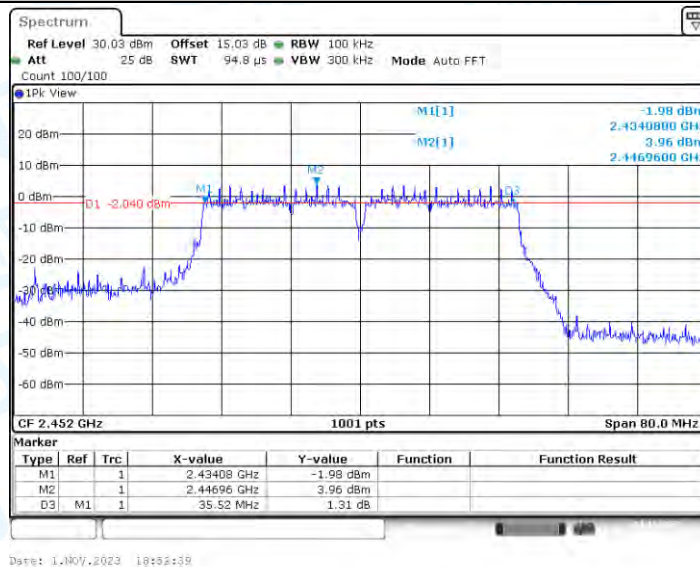
VHT40MIMO_Ant2_2437



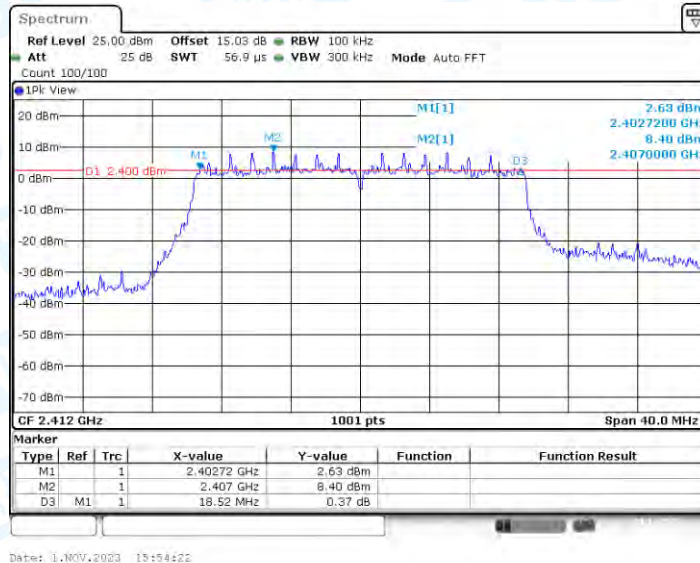
VHT40MIMO_Ant1_2452



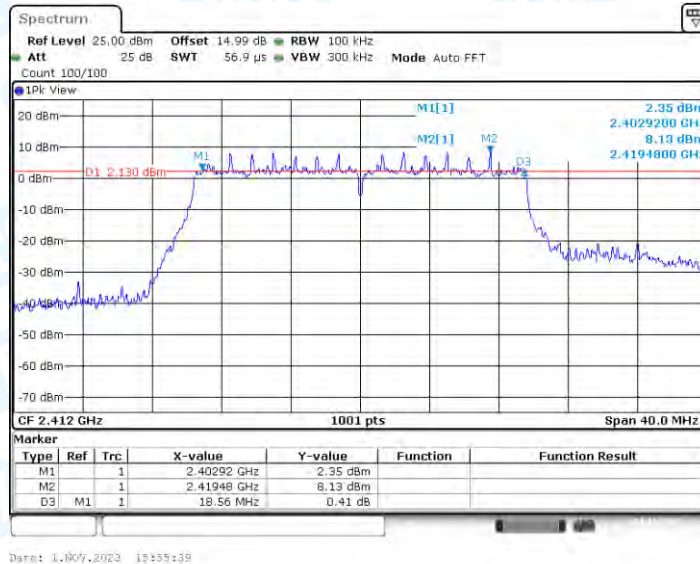
VHT40MIMO_Ant2_2452



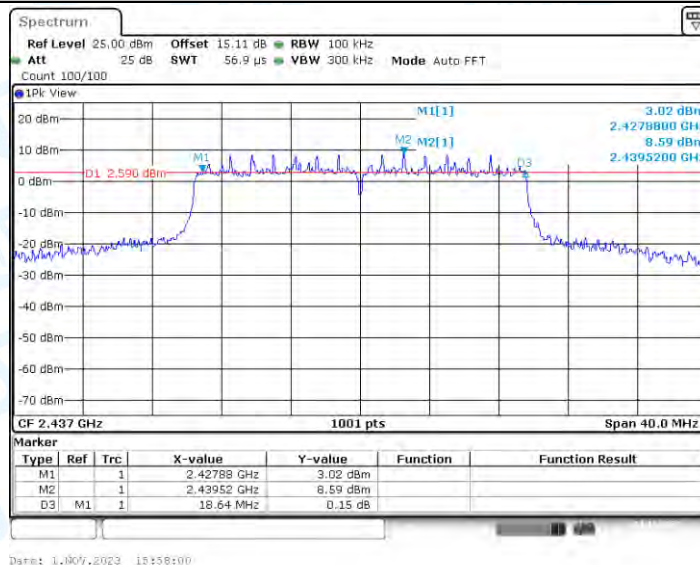
11AX20-CDD_Ant1_2412



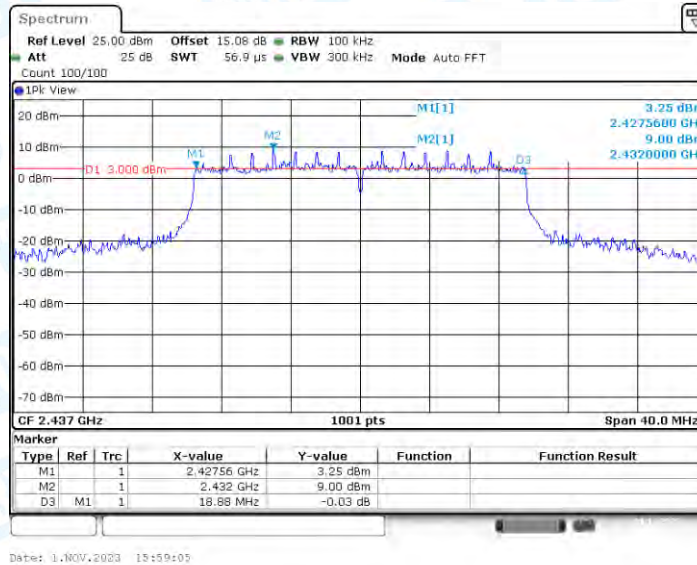
11AX20-CDD_Ant2_2412



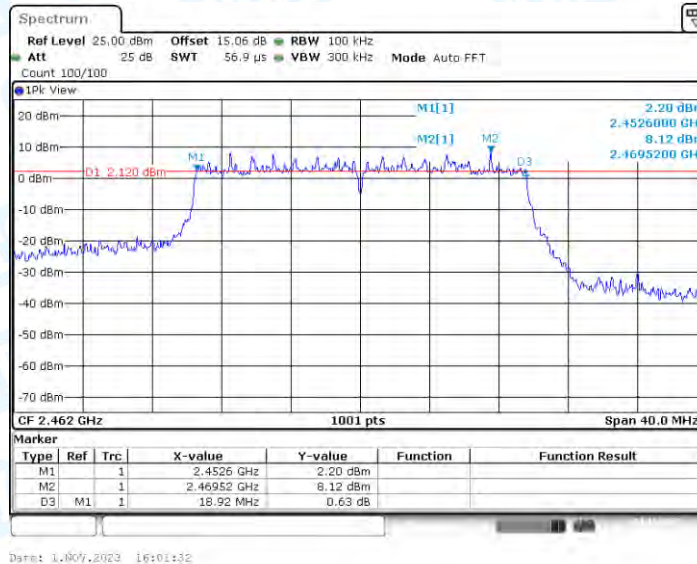
11AX20-CDD_Ant1_2437



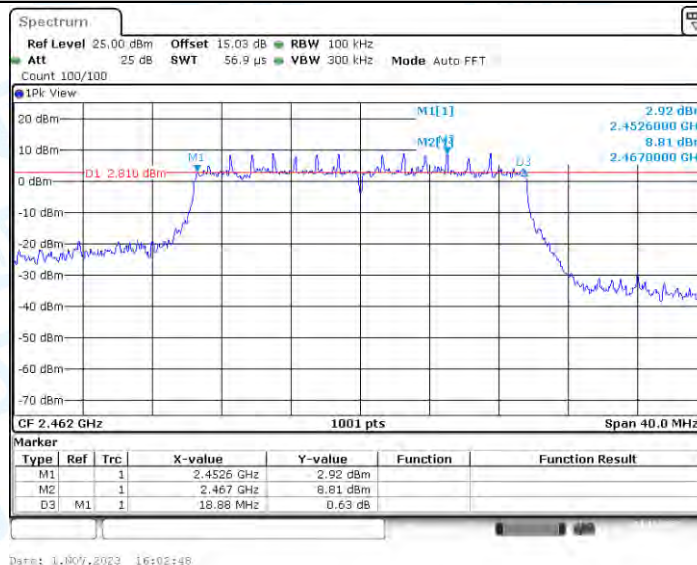
11AX20-CDD_Ant2_2437



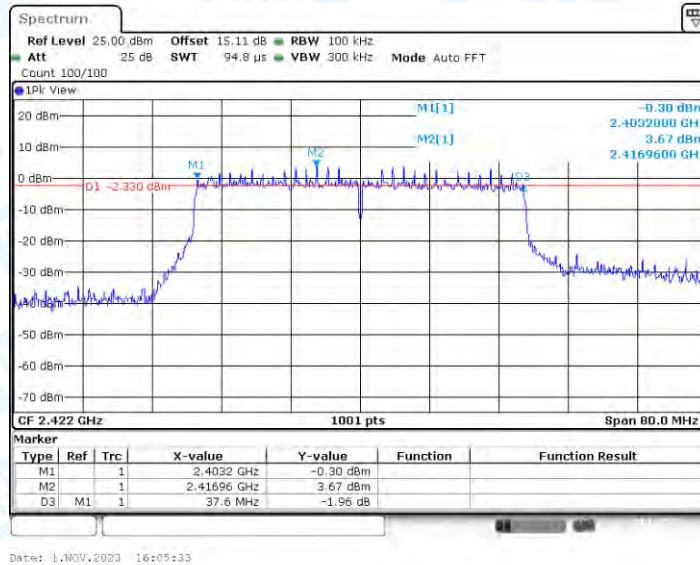
11AX20-CDD_Ant1_2462



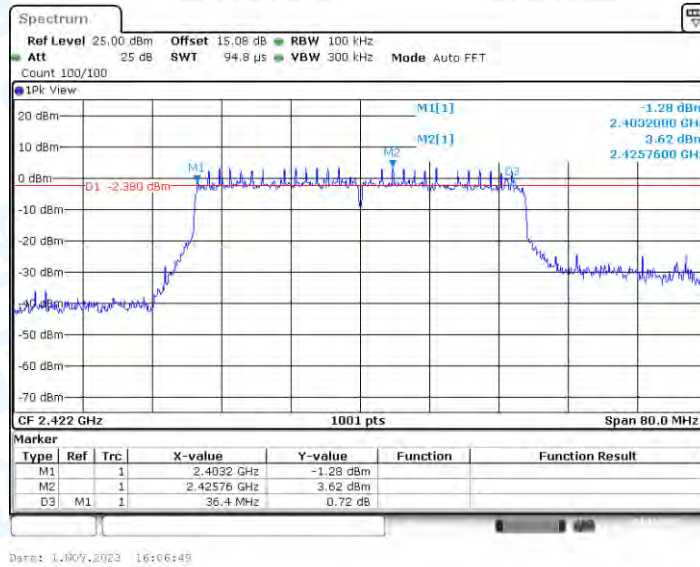
11AX20-CDD_Ant2_2462



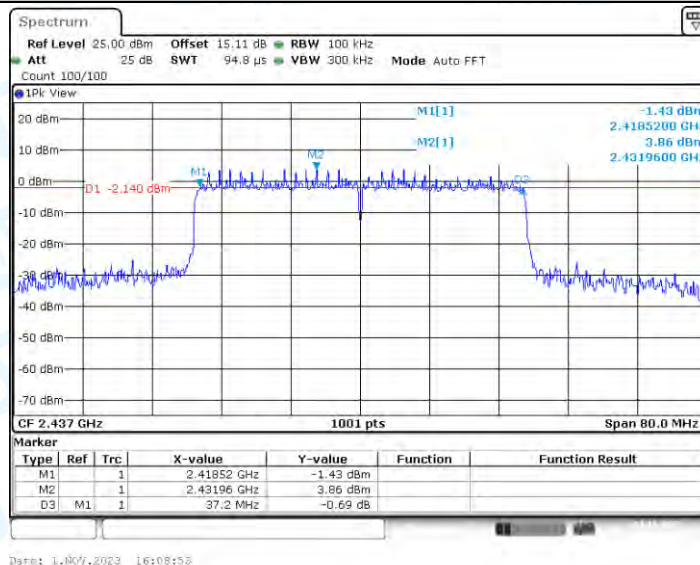
11AX40-CDD_Ant1_2422



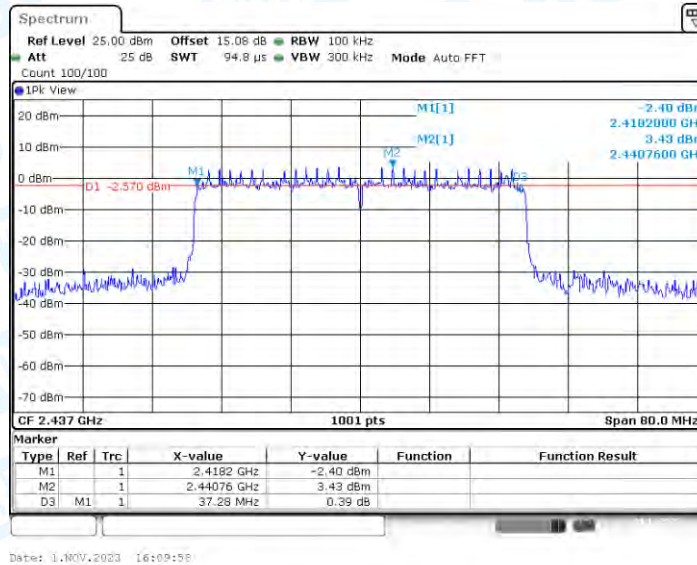
11AX40-CDD_Ant2_2422



11AX40-CDD_Ant1_2437



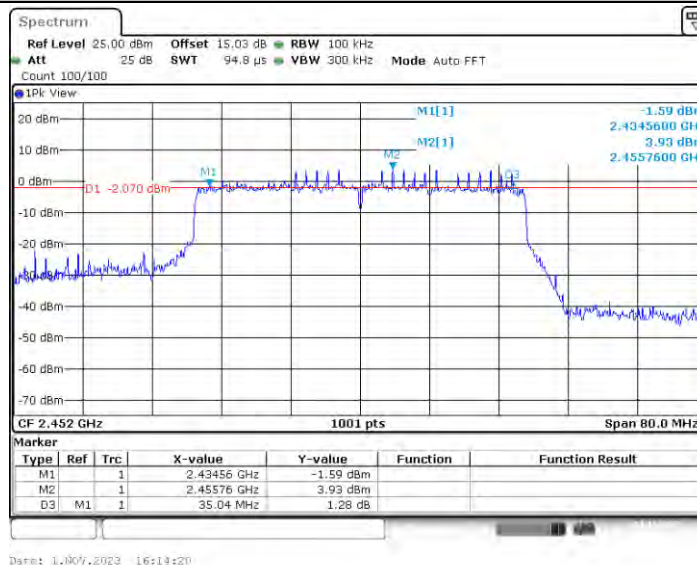
11AX40-CDD_Ant2_2437



11AX40-CDD_Ant1_2452



11AX40-CDD_Ant2_2452



2. Maximum conducted output power

2.1. Test Result

Test Mode	Antenna	Channel	Result[dBm]			Limit[dBm]		
			SISO	CDD	BF	SISO	CDD	BF
11B	Ant1	2412	22.19	20.65	/	≤30.00	≤30.00	/
	Ant2	2412	22.66	20.81	/	≤30.00	≤30.00	/
	total	2412		23.74	/	/	≤30.00	/
	Ant1	2437	22.21	20.74	/	≤30.00	≤30.00	/
	Ant2	2437	22.96	20.82	/	≤30.00	≤30.00	/
	total	2437		23.79	/	/	≤30.00	/
	Ant1	2462	22.76	20.96	/	≤30.00	≤30.00	/
	Ant2	2462	22.91	20.91	/	≤30.00	≤30.00	/
11G	Ant1	2412	22.01	20.46	19.02	≤30.00	≤30.00	≤30.00
	Ant2	2412	22.09	20.54	19.45	≤30.00	≤30.00	≤30.00
	total	2412		23.51	22.25	/	≤30.00	≤29.32
	Ant1	2437	22.20	21.02	19.66	≤30.00	≤30.00	≤30.00
	Ant2	2437	22.80	21.25	20.13	≤30.00	≤30.00	≤30.00
	total	2437		24.15	22.91	/	≤30.00	≤29.32
	Ant1	2462	22.31	20.70	19.63	≤30.00	≤30.00	≤30.00
	Ant2	2462	22.46	20.81	19.40	≤30.00	≤30.00	≤30.00
11N20	Ant1	2412	/	20.50	19.87	/	≤30.00	≤30.00
	Ant2	2412	/	20.71	20.06	/	≤30.00	≤30.00
	total	2412	/	23.62	22.98	/	≤30.00	≤29.32
	Ant1	2437	/	20.93	20.47	/	≤30.00	≤30.00
	Ant2	2437	/	21.30	20.58	/	≤30.00	≤30.00
	total	2437	/	24.13	23.54	/	≤30.00	≤29.32
	Ant1	2462	/	20.89	20.27	/	≤30.00	≤30.00
	Ant2	2462	/	20.74	20.23	/	≤30.00	≤30.00
11N40	Ant1	2412	/	20.50	19.87	/	≤30.00	≤30.00
	Ant2	2412	/	20.71	20.06	/	≤30.00	≤30.00
	total	2412	/	23.62	22.98	/	≤30.00	≤29.32
	Ant1	2437	/	20.93	20.47	/	≤30.00	≤30.00
	Ant2	2437	/	21.30	20.58	/	≤30.00	≤30.00
	total	2437	/	24.13	23.54	/	≤30.00	≤29.32
	Ant1	2462	/	20.89	20.27	/	≤30.00	≤30.00
	Ant2	2462	/	20.74	20.23	/	≤30.00	≤30.00
VHT20	Ant1	2412	/	20.88	20.49	/	≤30.00	≤30.00
	Ant2	2412	/	21.17	20.81	/	≤30.00	≤30.00
	total	2412	/	24.04	23.66	/	≤30.00	≤29.32
	Ant1	2437	/	21.65	21.02	/	≤30.00	≤30.00
	Ant2	2437	/	21.91	21.32	/	≤30.00	≤30.00
	total	2437	/	24.79	24.18	/	≤30.00	≤29.32
	Ant1	2462	/	21.29	20.87	/	≤30.00	≤30.00
	Ant2	2462	/	21.25	20.88	/	≤30.00	≤30.00
VHT40	Ant1	2412	/	20.88	20.49	/	≤30.00	≤30.00
	Ant2	2412	/	21.17	20.81	/	≤30.00	≤30.00
	total	2412	/	24.04	23.66	/	≤30.00	≤29.32
	Ant1	2437	/	21.65	21.02	/	≤30.00	≤30.00
	Ant2	2437	/	21.91	21.32	/	≤30.00	≤30.00
	total	2437	/	24.79	24.18	/	≤30.00	≤29.32
	Ant1	2462	/	21.29	20.87	/	≤30.00	≤30.00
	Ant2	2462	/	21.25	20.88	/	≤30.00	≤30.00
11AX20	Ant1	2412	/	18.76	18.16	/	≤30.00	≤30.00
	Ant2	2412	/	18.88	18.20	/	≤30.00	≤30.00
	total	2412	/	21.83	21.19	/	≤30.00	≤29.32
	Ant1	2437	/	19.55	18.68	/	≤30.00	≤30.00
	Ant2	2437	/	19.51	18.97	/	≤30.00	≤30.00
	total	2437	/	22.54	21.84	/	≤30.00	≤29.32
	Ant1	2452	/	18.96	18.91	/	≤30.00	≤30.00
	Ant2	2452	/	19.04	18.71	/	≤30.00	≤30.00
11AX40	Ant1	2412	/	22.01	21.82	/	≤30.00	≤29.32
	Ant2	2412	/	20.90	19.89	/	≤30.00	≤30.00
	total	2412	/	21.21	20.04	/	≤30.00	≤30.00
	Ant1	2437	/	24.07	22.98	/	≤30.00	≤29.32
	Ant2	2437	/	21.66	20.67	/	≤30.00	≤30.00
	Ant2	2437	/	21.83	20.92	/	≤30.00	≤30.00
	total	2437	/	24.76	23.81	/	≤30.00	≤29.32
	Ant1	2462	/	21.28	20.20	/	≤30.00	≤30.00
11AX20	Ant1	2462	/	21.28	20.20	/	≤30.00	≤30.00
	Ant2	2462	/	21.39	20.31	/	≤30.00	≤30.00

	total	2462	/	24.35	23.27	/	≤30.00	≤29.32
	Ant1	2422	/	19.10	18.31	/	≤30.00	≤30.00
	Ant2	2422	/	19.06	18.25	/	≤30.00	≤30.00
11AX40	total	2422	/	22.09	21.29	/	≤30.00	≤29.32
	Ant1	2437	/	19.87	18.92	/	≤30.00	≤30.00
	Ant2	2437	/	19.96	18.89	/	≤30.00	≤30.00
	total	2437	/	22.93	21.92	/	≤30.00	≤29.32
	Ant1	2452	/	19.35	19.10	/	≤30.00	≤30.00
	Ant2	2452	/	19.15	19.09	/	≤30.00	≤30.00
	total	2452	/	22.26	22.11	/	≤30.00	≤29.32
	Note: For CDD Mode, Directional gain = $G_{ANT} + \text{Array Gain}$, Array Gain = 0 dB (i.e., no array gain) for $NANT \leq 4$; $G_{ANT1}=3.92\text{dBi}$; $G_{ANT2}=3.42\text{dBi}$; CDD Mode use max. antenna Gain, So the Directional gain < 6dBi, So the $P_{\text{limit}}=30\text{dBm}$. For BF Mode, Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20})^2 / 2]=6.68\text{dBi}$; $G_{ANT1}=3.92\text{dBi}$; $G_{ANT2}=3.42\text{dBi}$; and the Directional gain > 6dBi, So the $P_{\text{limit}}=P_{\text{limit}}-(6.68-6)=29.32\text{dBm}$.							

3. Maximum power spectral density

3.1. Test Result

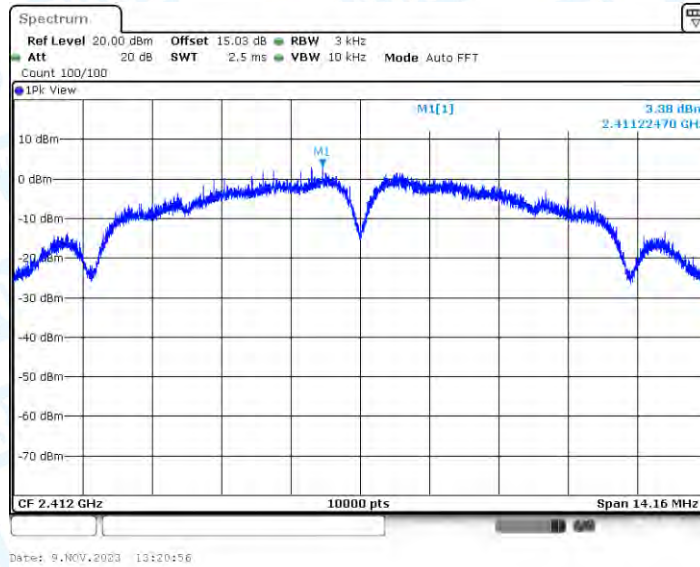
Test Mode	Antenna	Channel	Result[dBm/3kHz]			Limit[dBm/3kHz]		
			SISO	CDD	BF	SISO	CDD	BF
11B	Ant1	2412	3.38	1.36	/	≤8.00	≤8.00	/
	Ant2	2412	2.76	-0.29	/	≤8.00	≤8.00	/
	total	2412		3.62	/	/	≤7.32	/
	Ant1	2437	2.90	1.09	/	≤8.00	≤8.00	/
	Ant2	2437	3.58	0.30	/	≤8.00	≤8.00	/
	total	2437		3.72	/	/	≤7.32	/
	Ant1	2462	1.90	0.23	/	≤8.00	≤8.00	/
	Ant2	2462	2.43	0.66	/	≤8.00	≤8.00	/
	total	2462		3.46	/	/	≤7.32	/
11G	Ant1	2412	-5.63	-6.96	-8.94	≤8.00	≤8.00	≤8.00
	Ant2	2412	-4.80	-6.60	-8.75	≤8.00	≤8.00	≤8.00
	total	2412		-3.77	-5.83	/	≤7.32	≤7.32
	Ant1	2437	-5.00	-6.14	-7.96	≤8.00	≤8.00	≤8.00
	Ant2	2437	-4.34	-6.34	-8.03	≤8.00	≤8.00	≤8.00
	total	2437		-3.23	-4.98	/	≤7.32	≤7.32
	Ant1	2462	-5.07	-6.53	-8.50	≤8.00	≤8.00	≤8.00
	Ant2	2462	-4.73	-6.51	-8.02	≤8.00	≤8.00	≤8.00
	total	2462		-3.51	-5.24	/	≤7.32	≤7.32
11N20	Ant1	2412	/	-4.51	-6.64	/	≤8.00	≤8.00
	Ant2	2412	/	-5.24	-6.82	/	≤8.00	≤8.00
	total	2412	/	-1.85	-3.72	/	≤7.32	≤7.32
	Ant1	2437	/	-4.10	-6.13	/	≤8.00	≤8.00
	Ant2	2437	/	-4.55	-6.27	/	≤8.00	≤8.00
	total	2437	/	-1.31	-3.19	/	≤7.32	≤7.32
	Ant1	2462	/	-4.31	-5.29	/	≤8.00	≤8.00
	Ant2	2462	/	-5.74	-6.15	/	≤8.00	≤8.00
	total	2462	/	-1.96	-2.69	/	≤7.32	≤7.32
11N40	Ant1	2422	/	-10.82	-12.14	/	≤8.00	≤8.00
	Ant2	2422	/	-10.59	-12.84	/	≤8.00	≤8.00
	total	2422	/	-7.69	-9.47	/	≤7.32	≤7.32
	Ant1	2437	/	-10.33	-12.02	/	≤8.00	≤8.00
	Ant2	2437	/	-10.01	-12.31	/	≤8.00	≤8.00
	total	2437	/	-7.16	-9.15	/	≤7.32	≤7.32
	Ant1	2452	/	-10.43	-11.66	/	≤8.00	≤8.00
	Ant2	2452	/	-10.65	-11.74	/	≤8.00	≤8.00
	total	2452	/	-7.53	-8.69	/	≤7.32	≤7.32
VHT20	Ant1	2412	/	-2.07	-3.59	/	≤8.00	≤8.00
	Ant2	2412	/	-2.45	-4.06	/	≤8.00	≤8.00
	total	2412	/	0.75	-0.81	/	≤7.32	≤7.32
	Ant1	2437	/	-1.42	-2.46	/	≤8.00	≤8.00
	Ant2	2437	/	-1.31	-3.18	/	≤8.00	≤8.00
	total	2437	/	1.65	0.21	/	≤7.32	≤7.32
	Ant1	2462	/	-1.82	-3.13	/	≤8.00	≤8.00
	Ant2	2462	/	-2.80	-3.29	/	≤8.00	≤8.00
	total	2462	/	0.73	-0.20	/	≤7.32	≤7.32
VHT40	Ant1	2422	/	-7.50	-8.65	/	≤8.00	≤8.00
	Ant2	2422	/	-7.61	-8.38	/	≤8.00	≤8.00
	total	2422	/	-4.54	-5.50	/	≤7.32	≤7.32
	Ant1	2437	/	-5.71	-7.55	/	≤8.00	≤8.00
	Ant2	2437	/	-7.27	-8.30	/	≤8.00	≤8.00
	total	2437	/	-3.41	-4.90	/	≤7.32	≤7.32
	Ant1	2452	/	-6.88	-8.84	/	≤8.00	≤8.00

	Ant2	2452	/	-7.70	-8.64	/	≤8.00	≤8.00
	total	2452	/	-4.26	-5.73	/	≤7.32	≤7.32
11AX20	Ant1	2412	/	-5.89	-7.42	/	≤8.00	≤8.00
	Ant2	2412	/	-5.37	-6.54	/	≤8.00	≤8.00
	total	2412	/	-2.61	-3.95	/	≤7.32	≤7.32
	Ant1	2437	/	-4.15	-5.92	/	≤8.00	≤8.00
	Ant2	2437	/	-3.97	-6.15	/	≤8.00	≤8.00
	total	2437	/	-1.05	-3.02	/	≤7.32	≤7.32
	Ant1	2462	/	-5.45	-6.24	/	≤8.00	≤8.00
	Ant2	2462	/	-4.58	-6.22	/	≤8.00	≤8.00
	total	2462	/	-1.98	-3.22	/	≤7.32	≤7.32
	Ant1	2422	/	-9.20	-11.25	/	≤8.00	≤8.00
11AX40	Ant2	2422	/	-10.11	-10.75	/	≤8.00	≤8.00
	total	2422	/	-6.62	-7.98	/	≤7.32	≤7.32
	Ant1	2437	/	-8.90	-10.46	/	≤8.00	≤8.00
	Ant2	2437	/	-9.25	-10.57	/	≤8.00	≤8.00
	total	2437	/	-6.06	-7.50	/	≤7.32	≤7.32
	Ant1	2452	/	-9.22	-11.17	/	≤8.00	≤8.00
	Ant2	2452	/	-9.16	-10.62	/	≤8.00	≤8.00
	total	2452	/	-6.18	-7.88	/	≤7.32	≤7.32

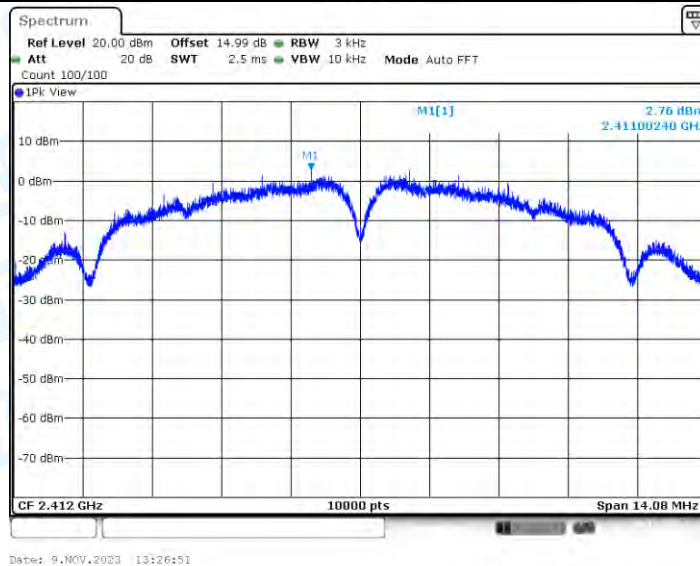
Note: For CDD/BF Mode, Directional gain = $10 \log[(10^{G_{1/20}} + 10^{G_{2/20}})^2 / 2] = 6.68\text{dBi}$; $G_{ANT1} = 3.92\text{dBi}$; $G_{ANT2} = 3.42\text{dBi}$; and the Directional gain $> 6\text{dBi}$, So the $\text{PSD}_{\text{limit}} = \text{PSD}_{\text{limit}} - (6.68 - 6) = 7.32\text{dBm}/3\text{kHz}$.

3.2. Test Graphs

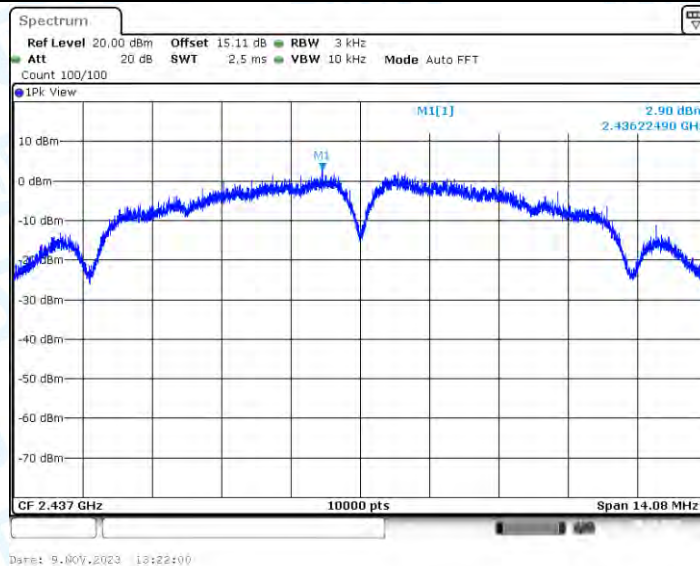
11B-SISO_Ant1_2412



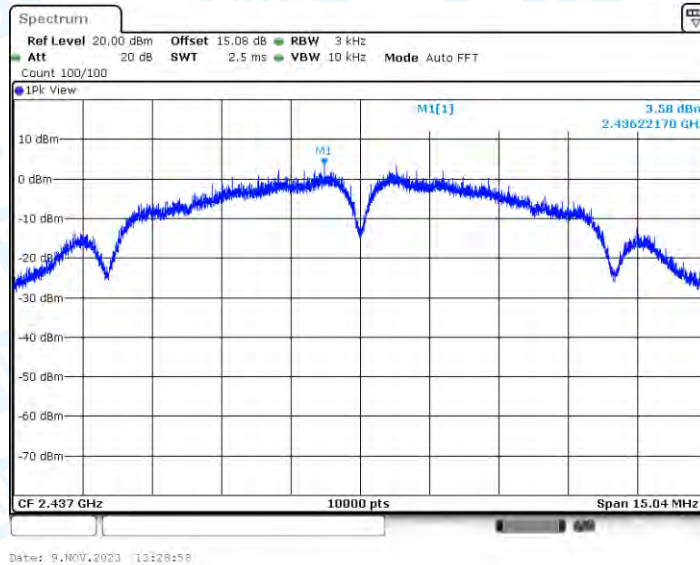
11B-SISO_Ant2_2412



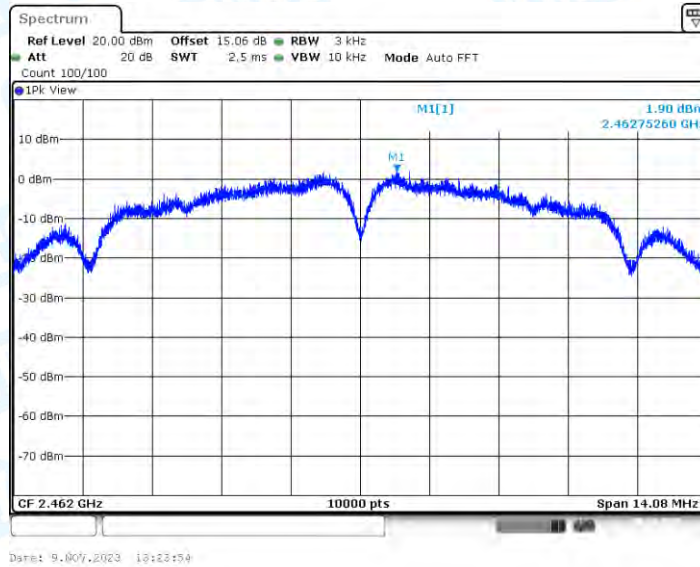
11B-SISO_Ant1_2437



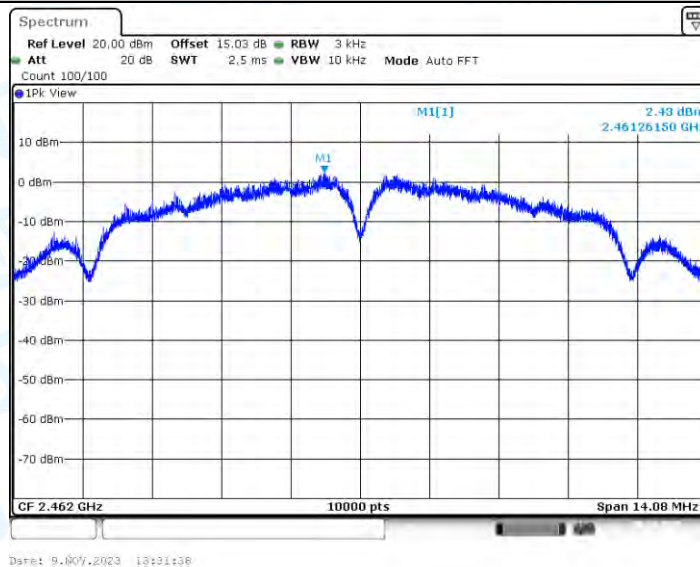
11B-SISO_Ant2_2437



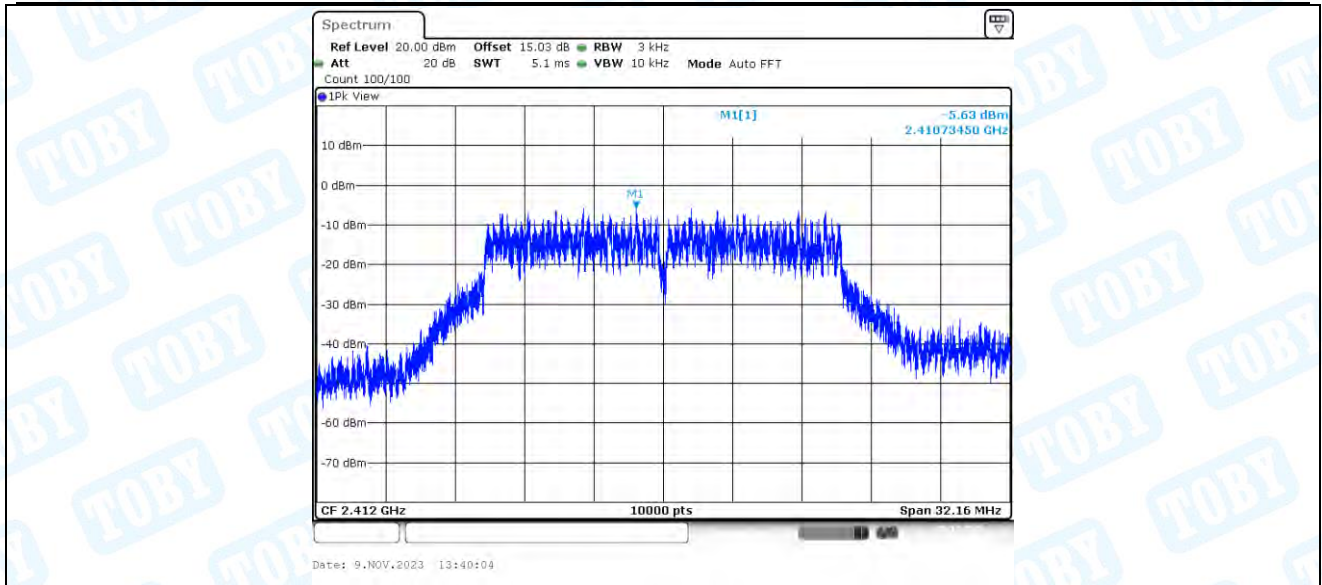
11B-SISO_Ant1_2462



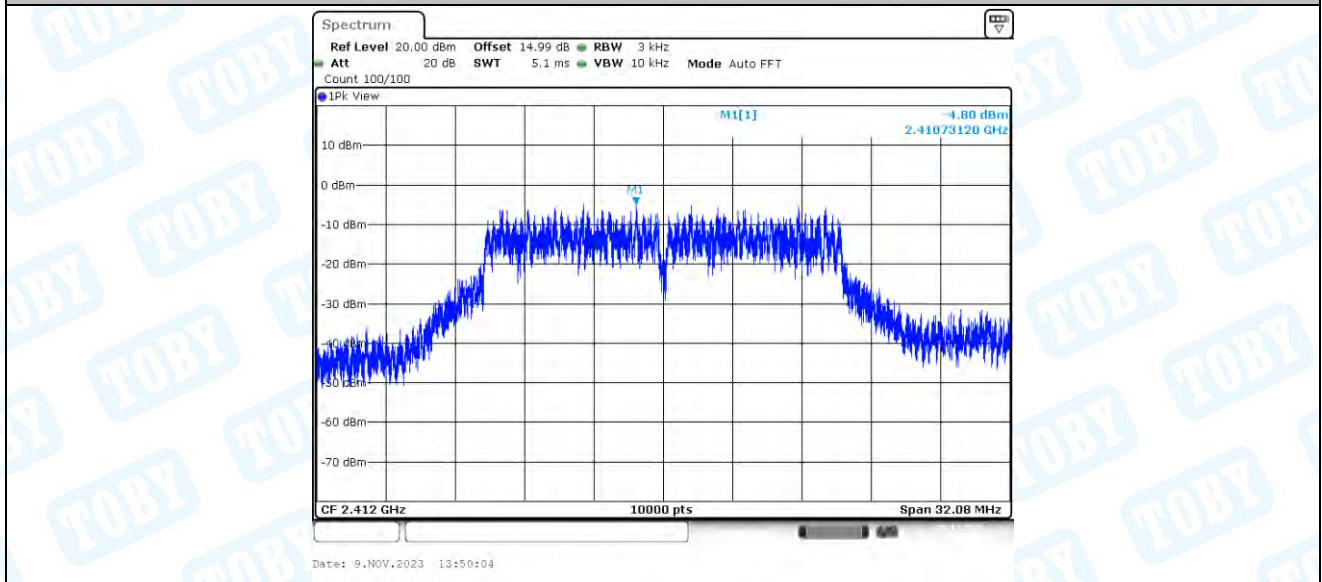
11B-SISO_Ant2_2462



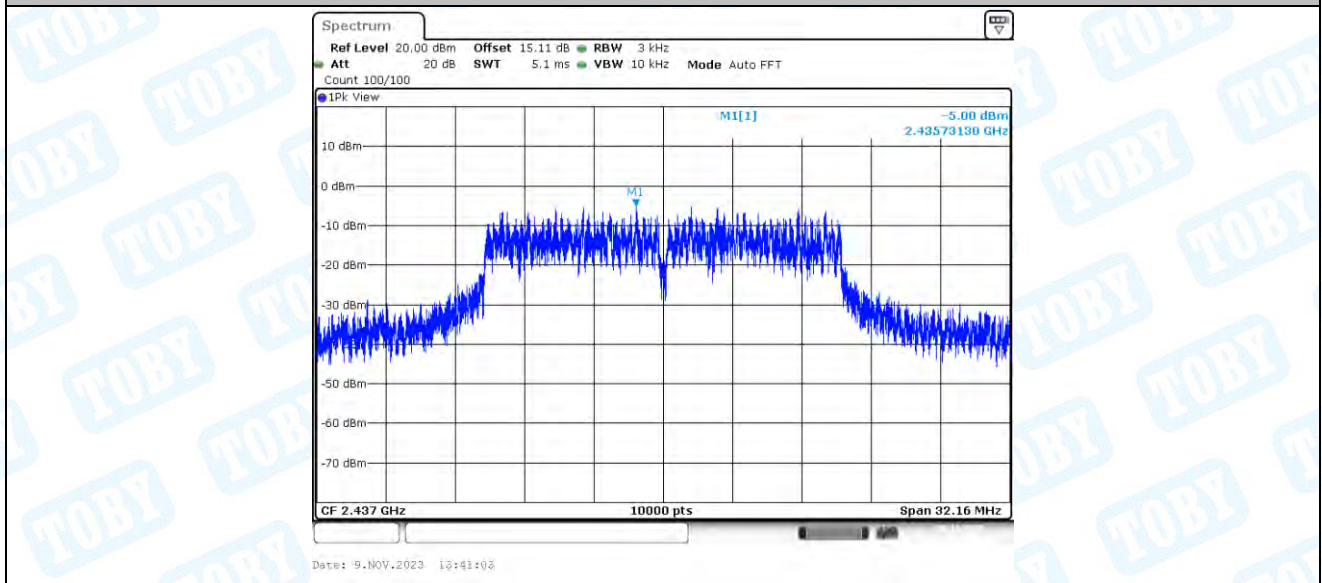
11G-SISO_Ant1_2412



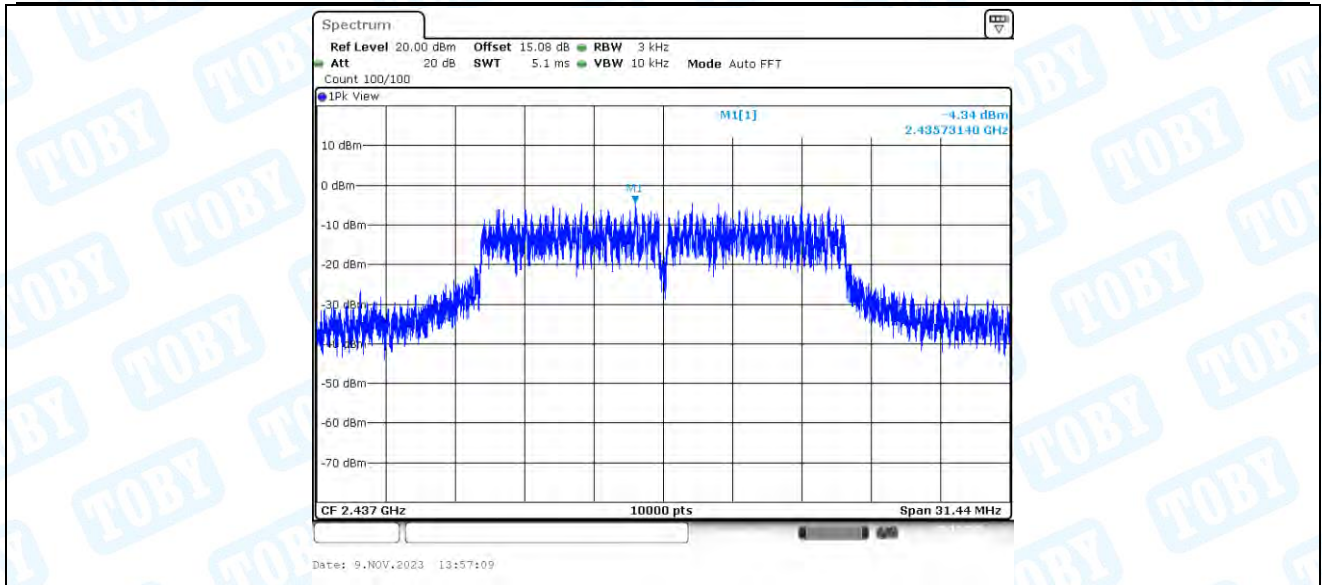
11G-SISO_Ant2_2412



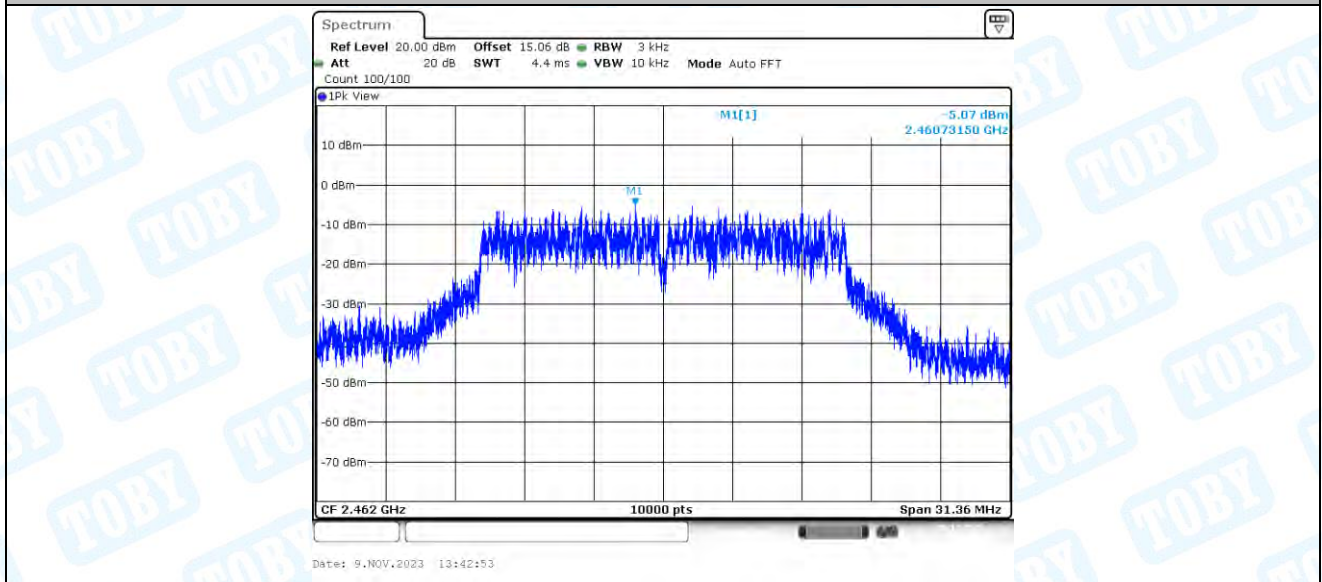
11G-SISO_Ant1_2437



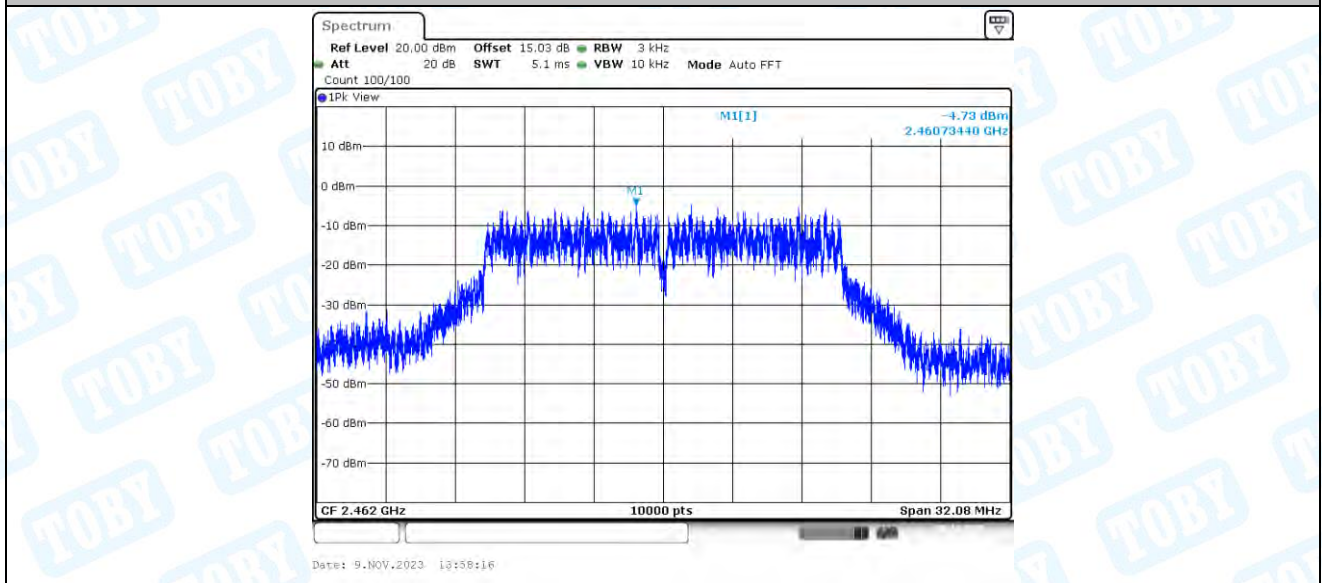
11G-SISO_Ant2_2437



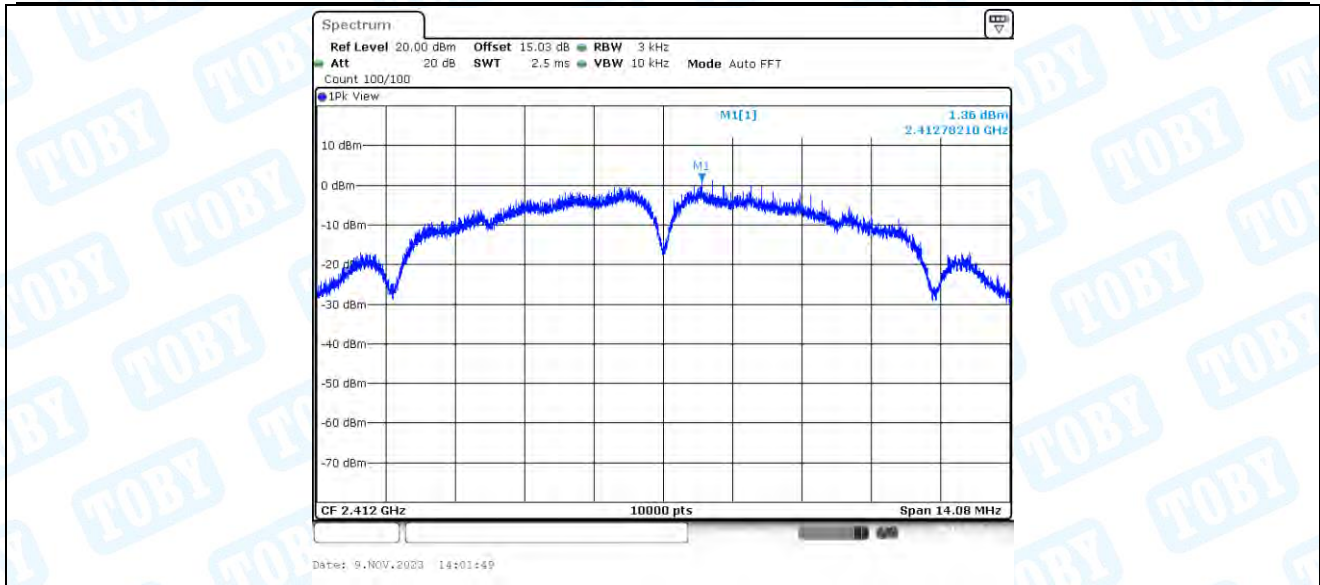
11G-SISO_Ant1_2462



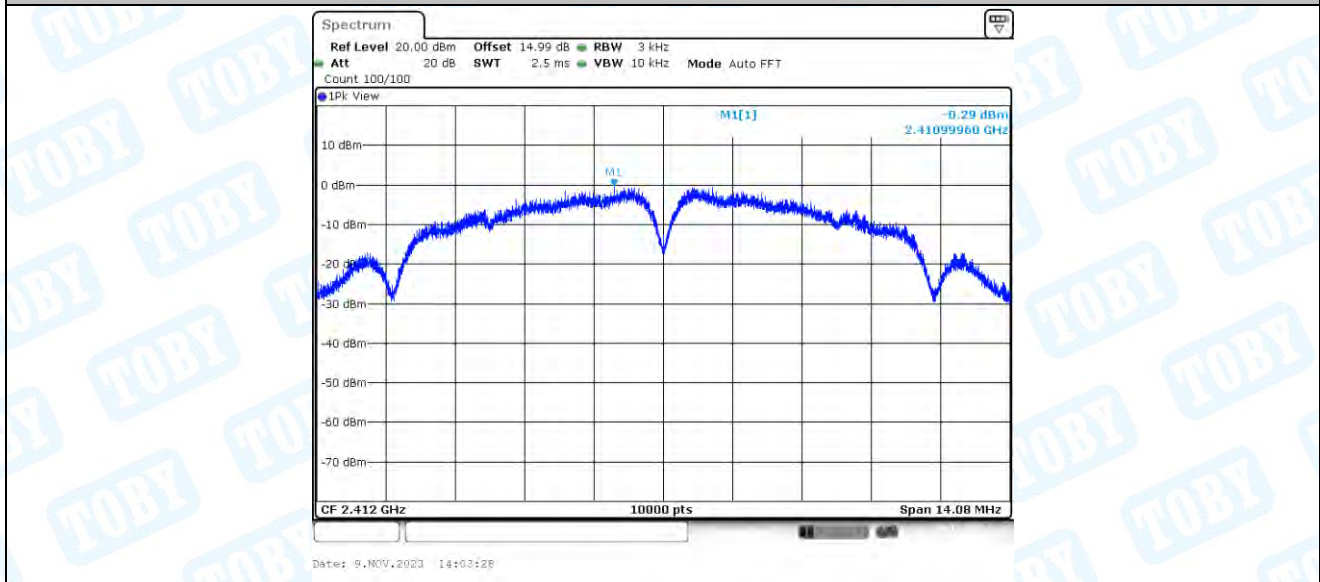
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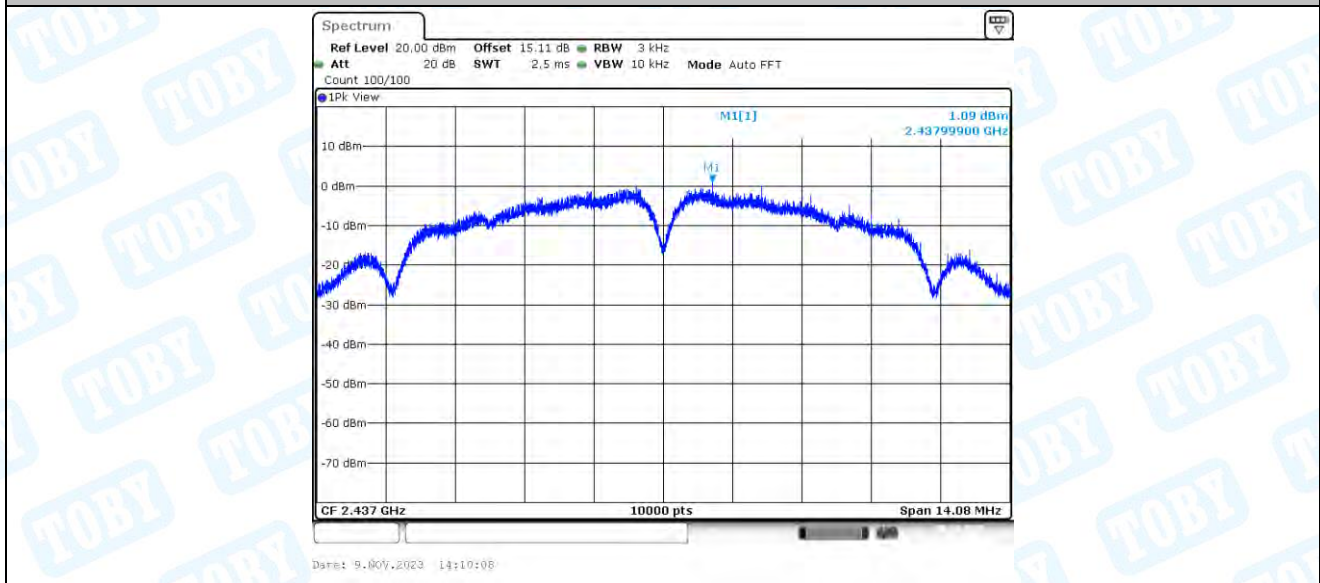
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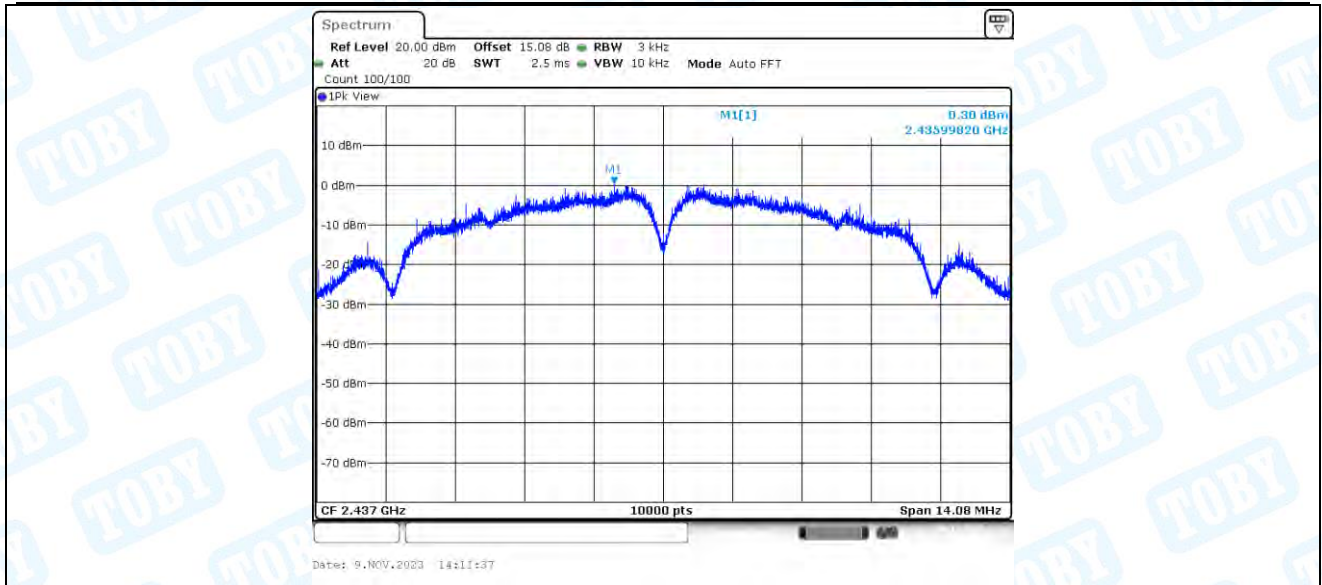
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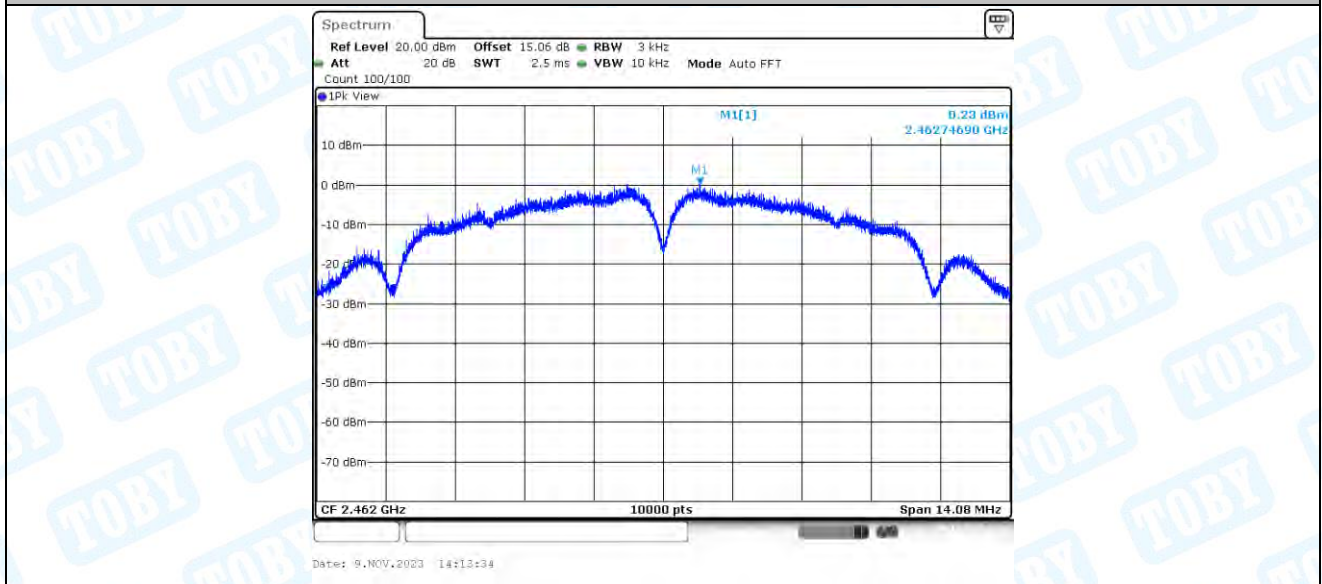
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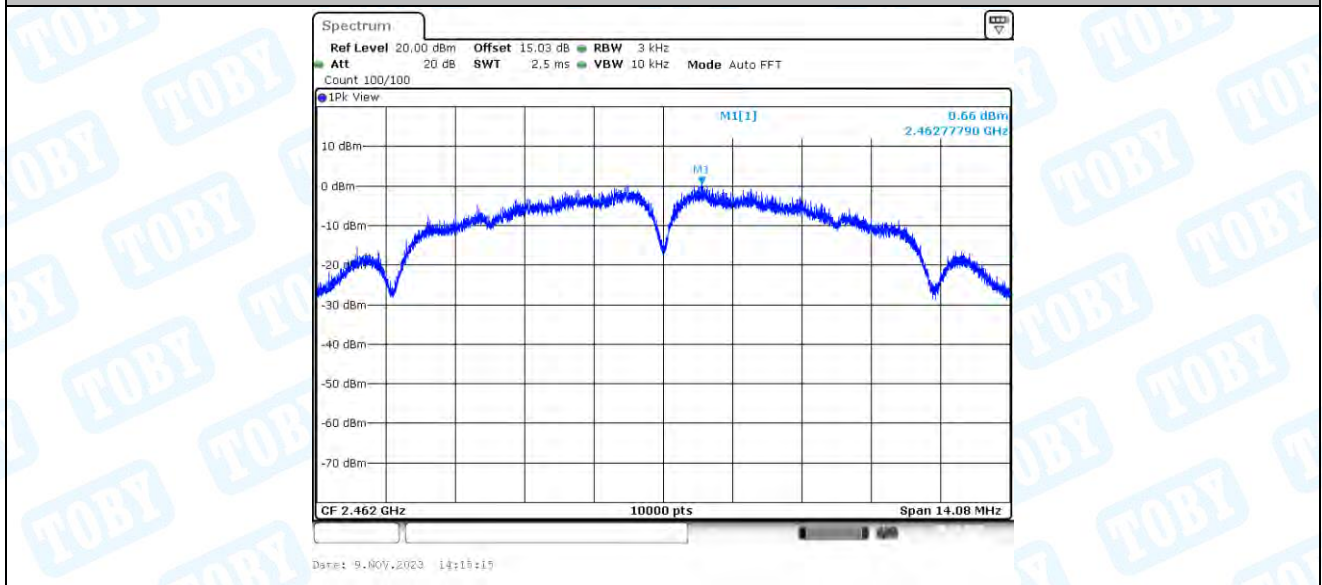
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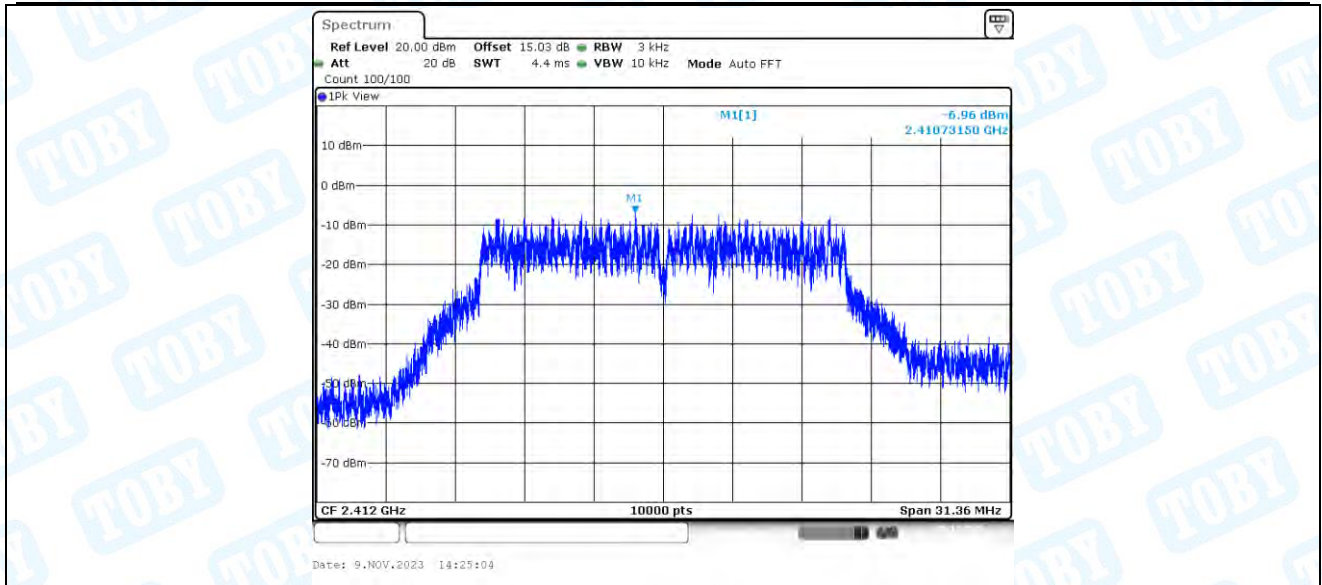
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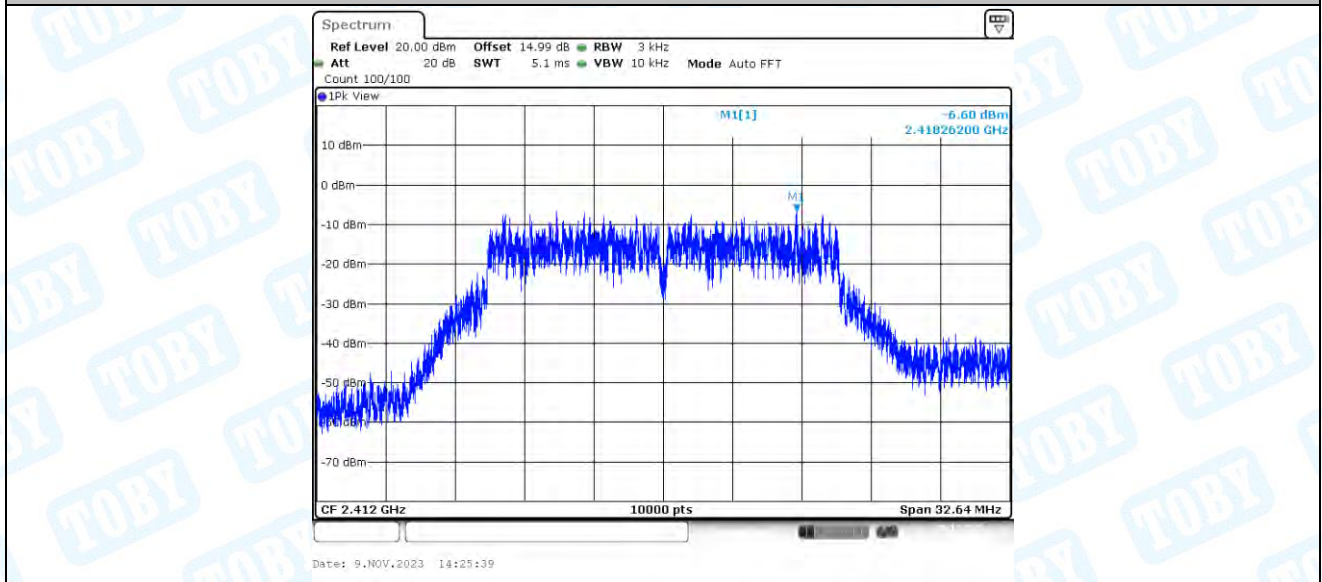
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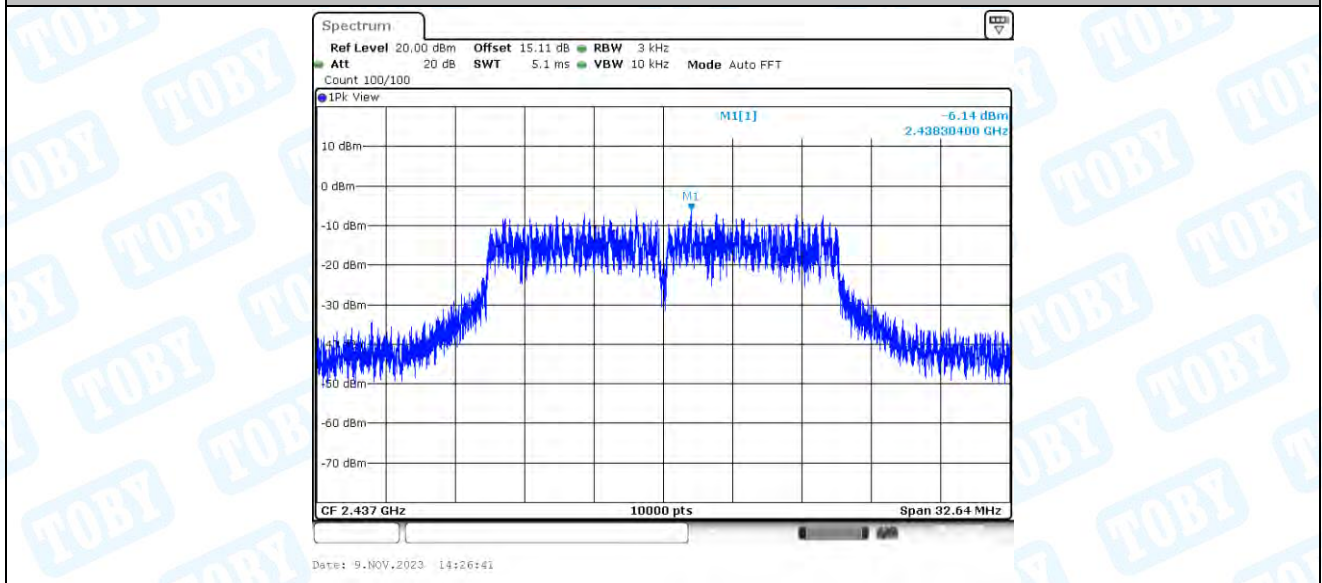
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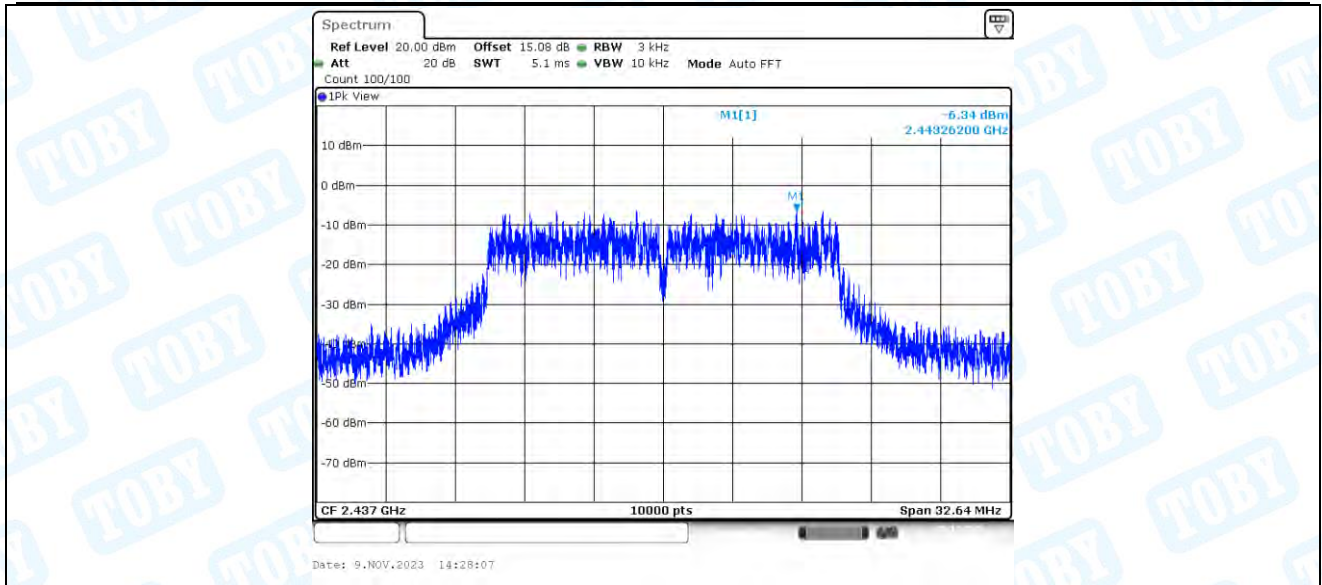
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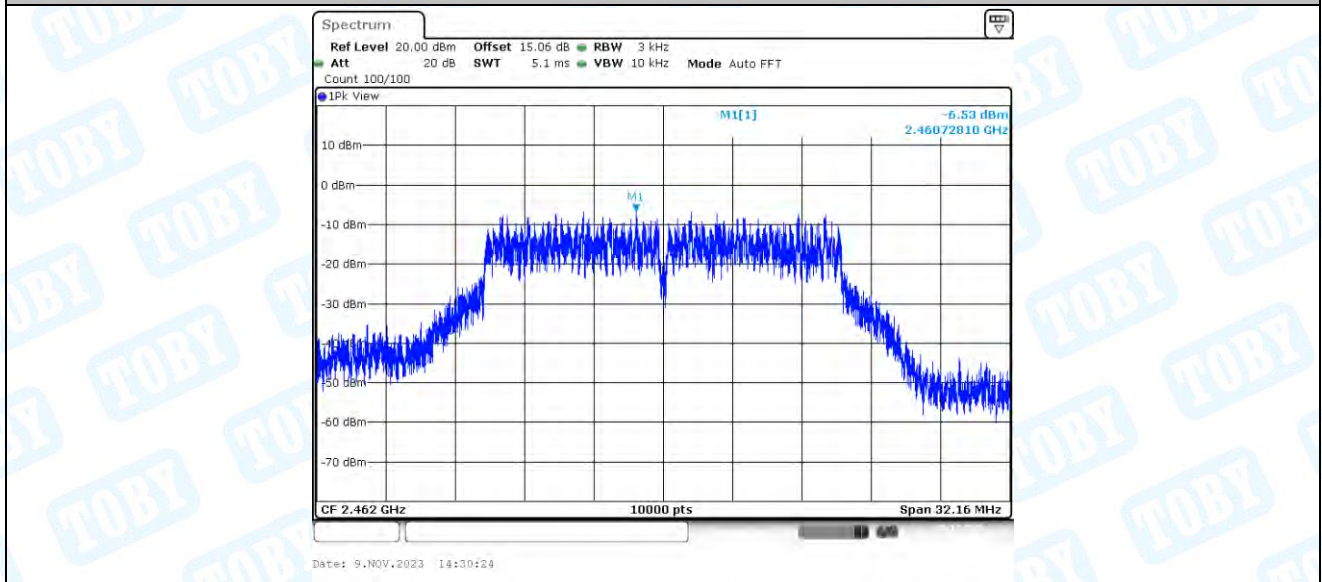
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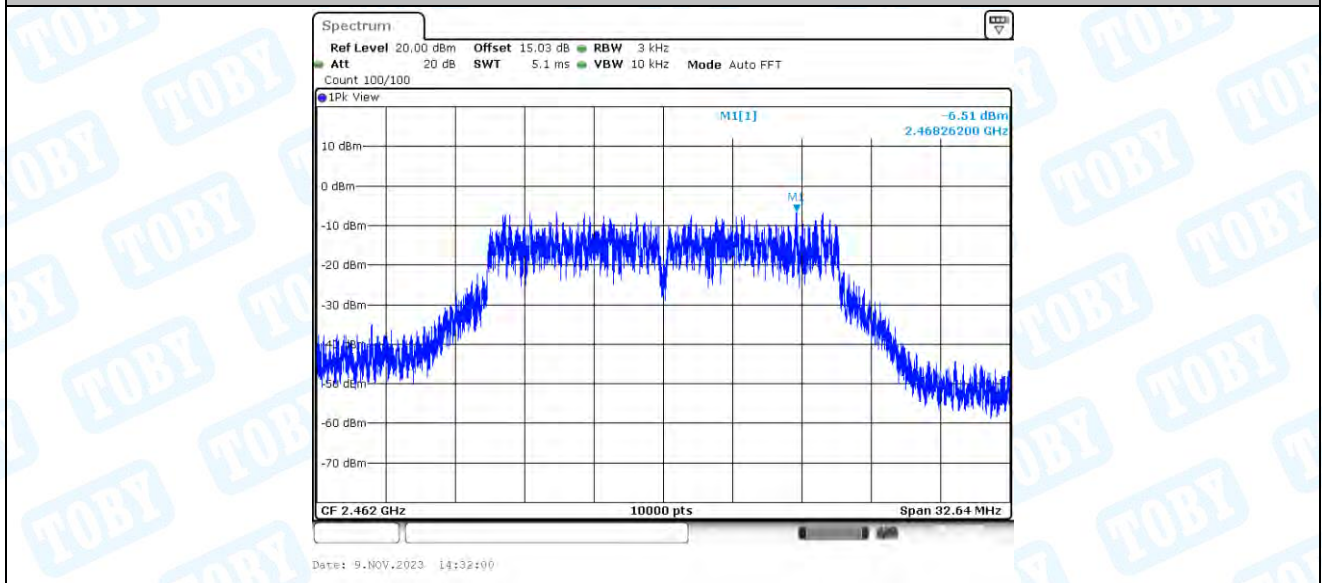
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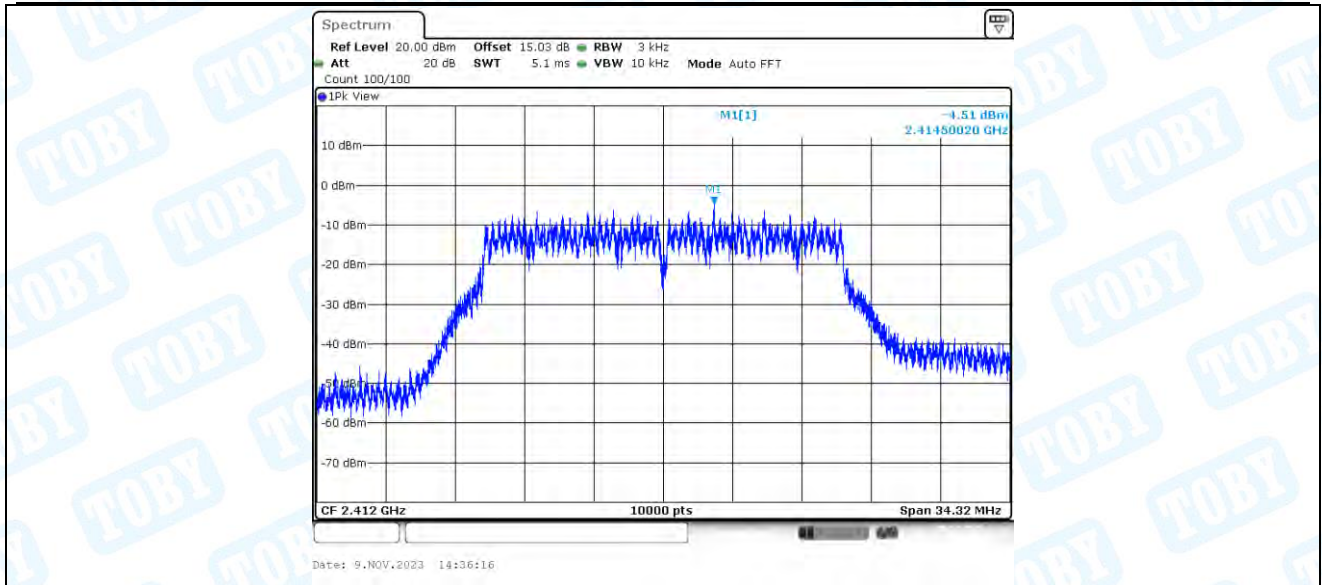
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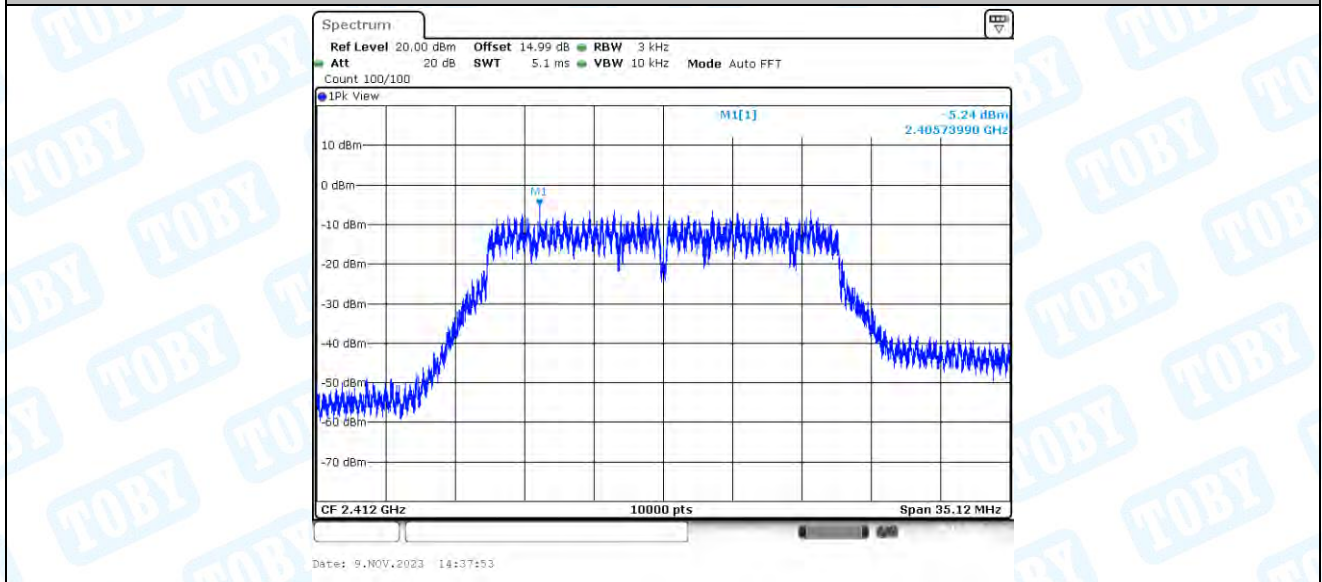
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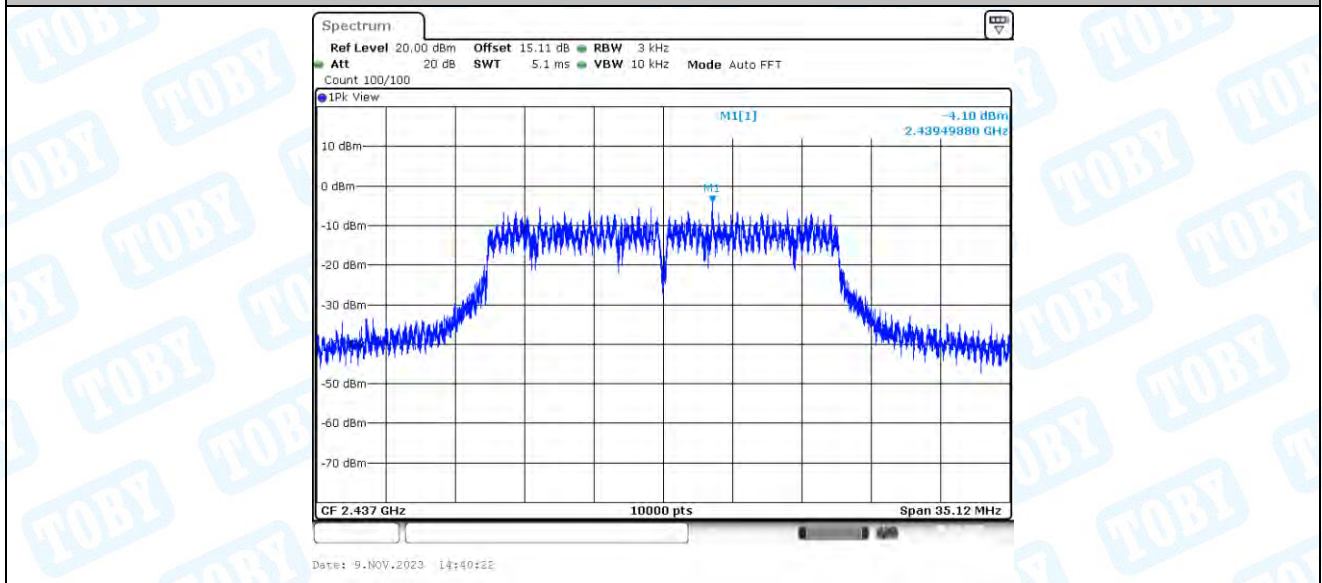
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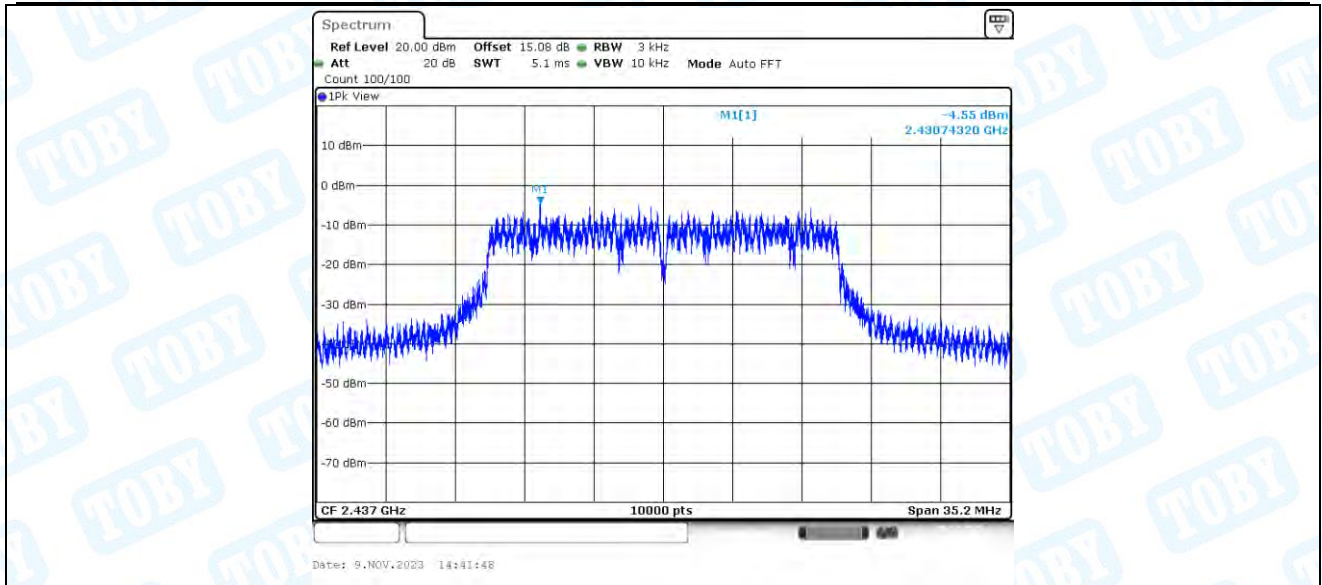
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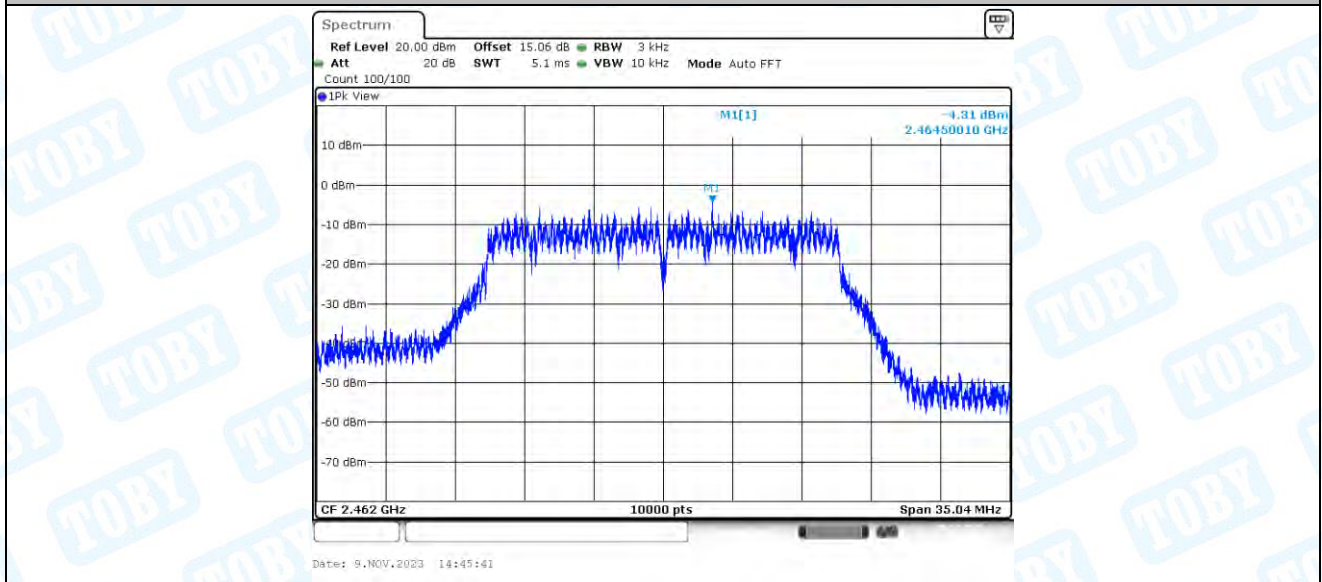
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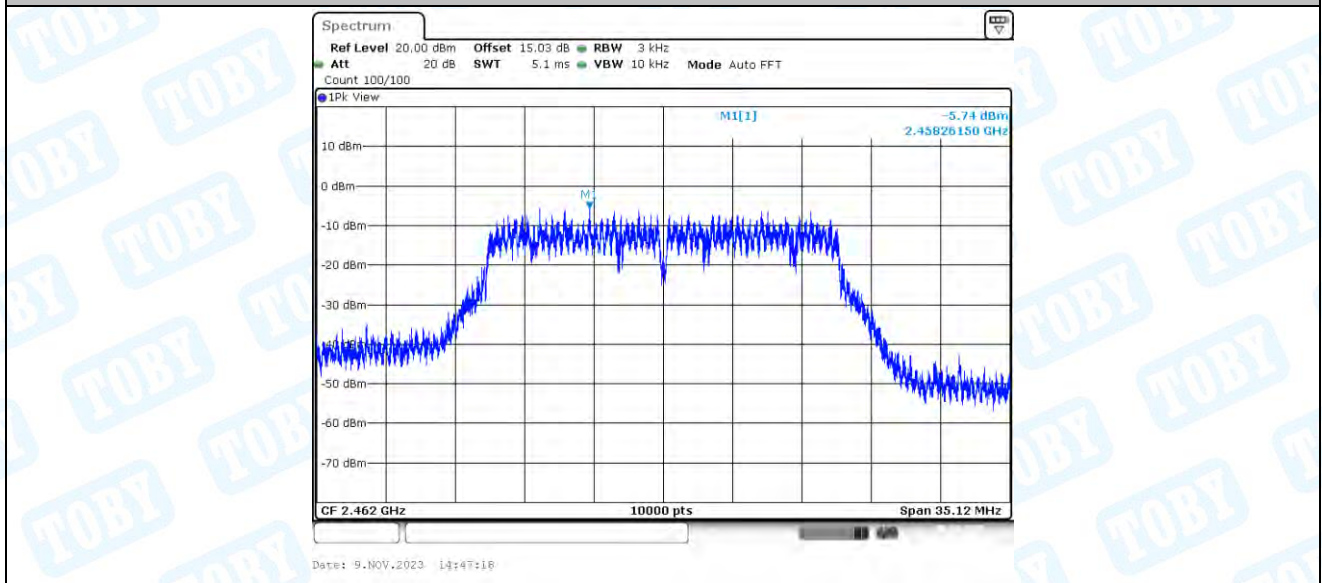
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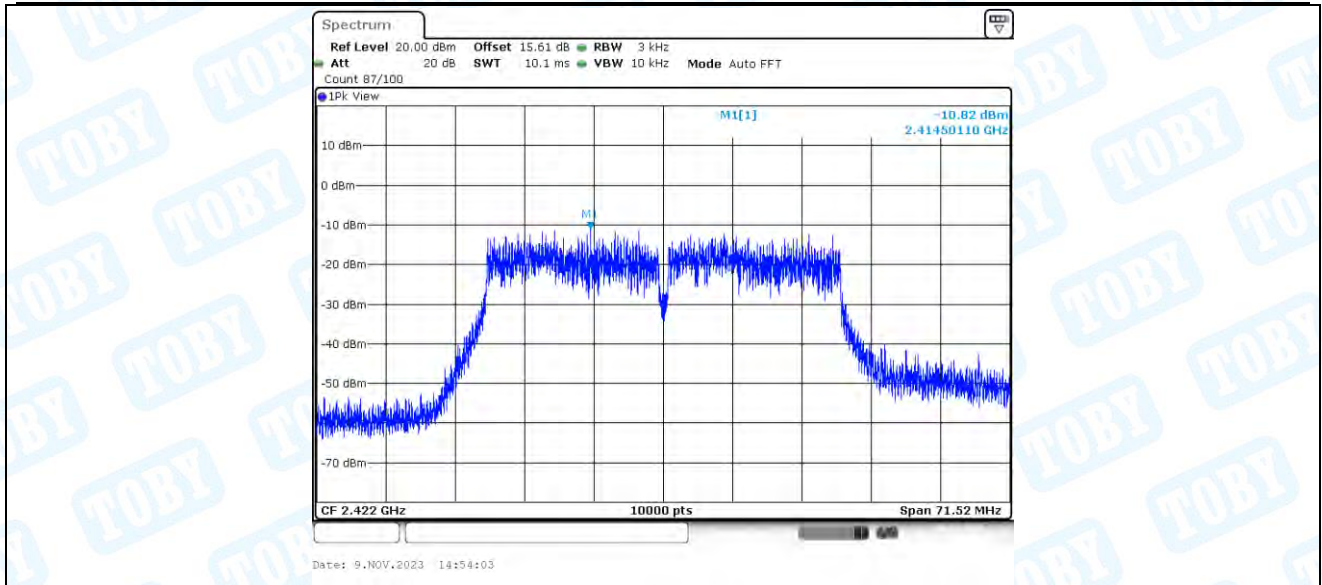
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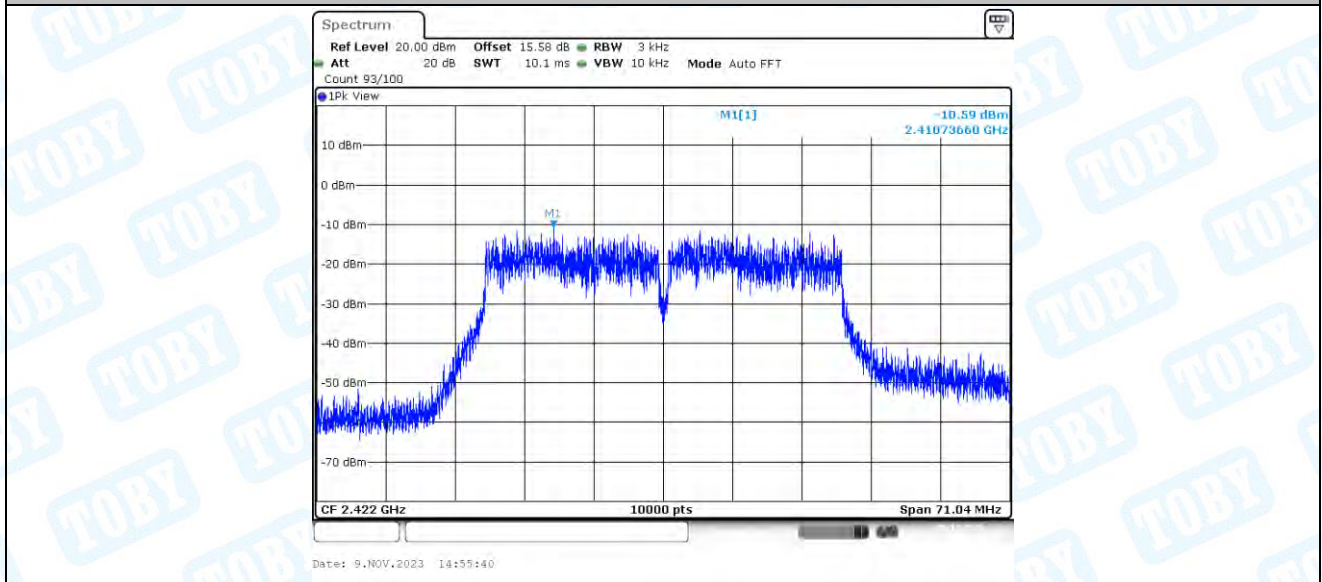
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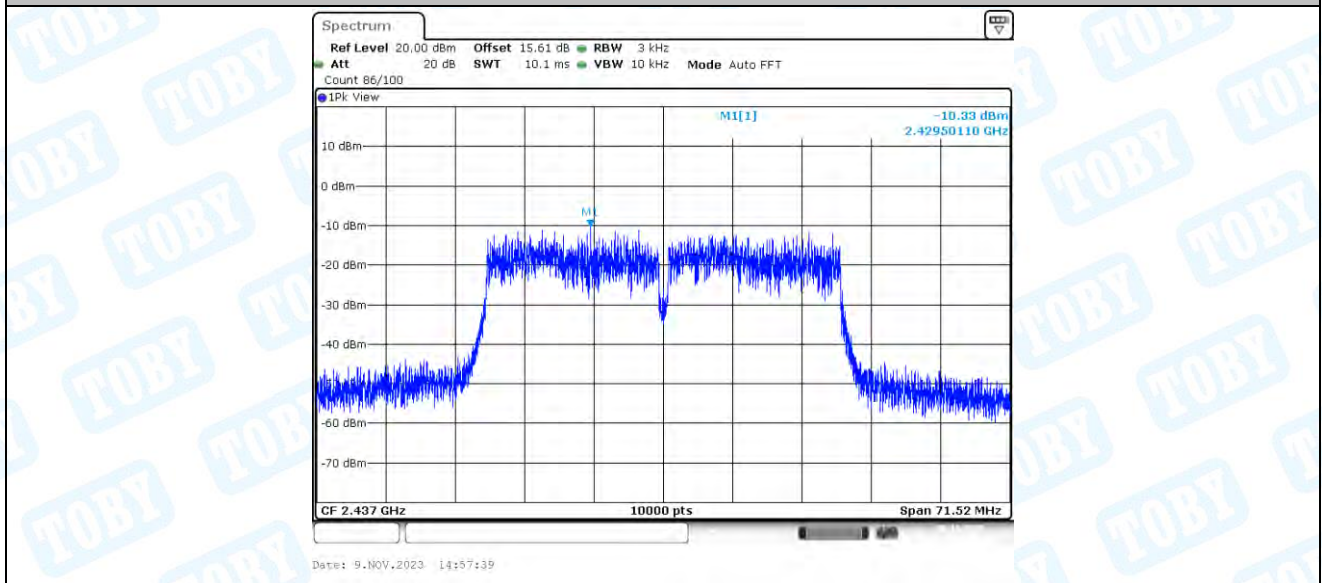
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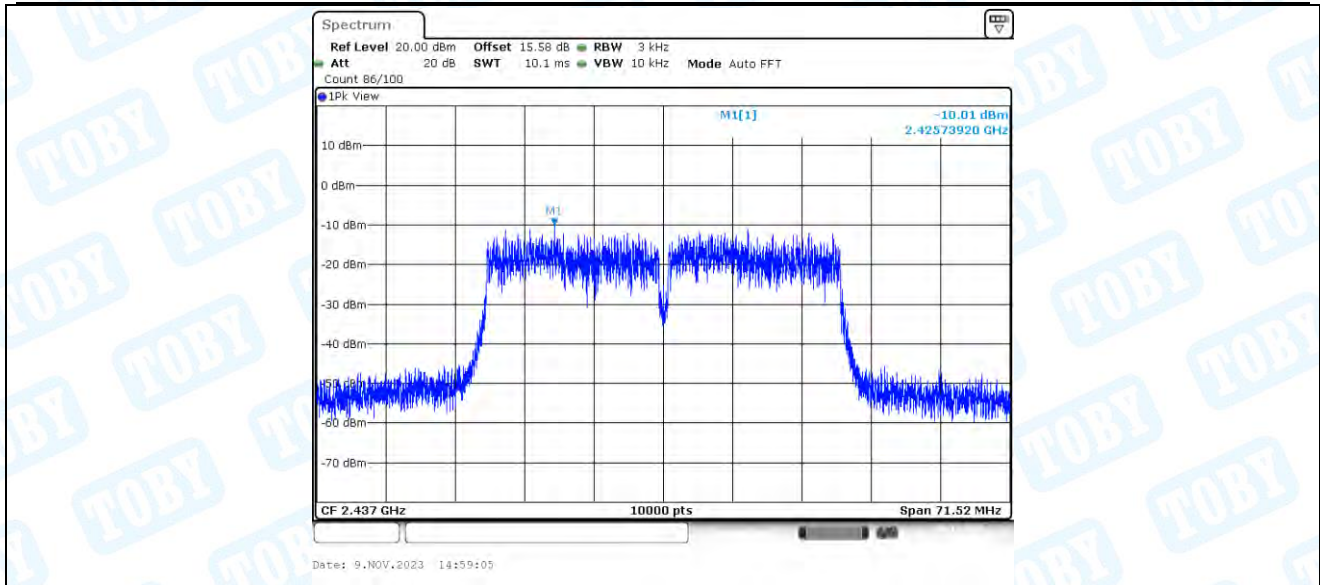
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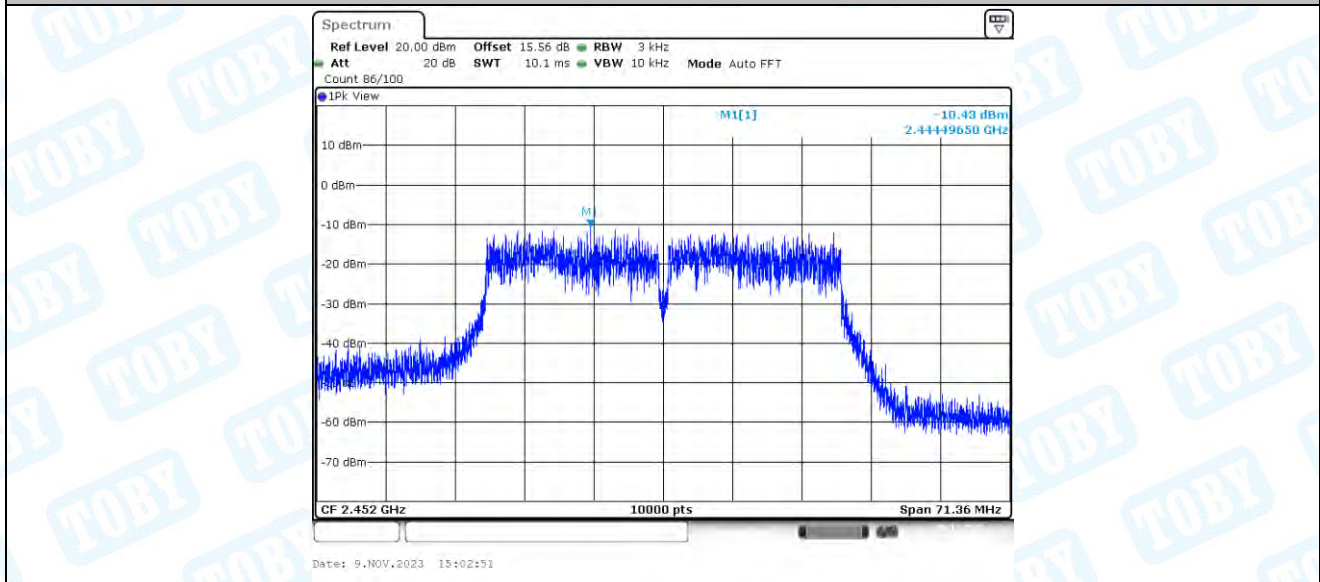
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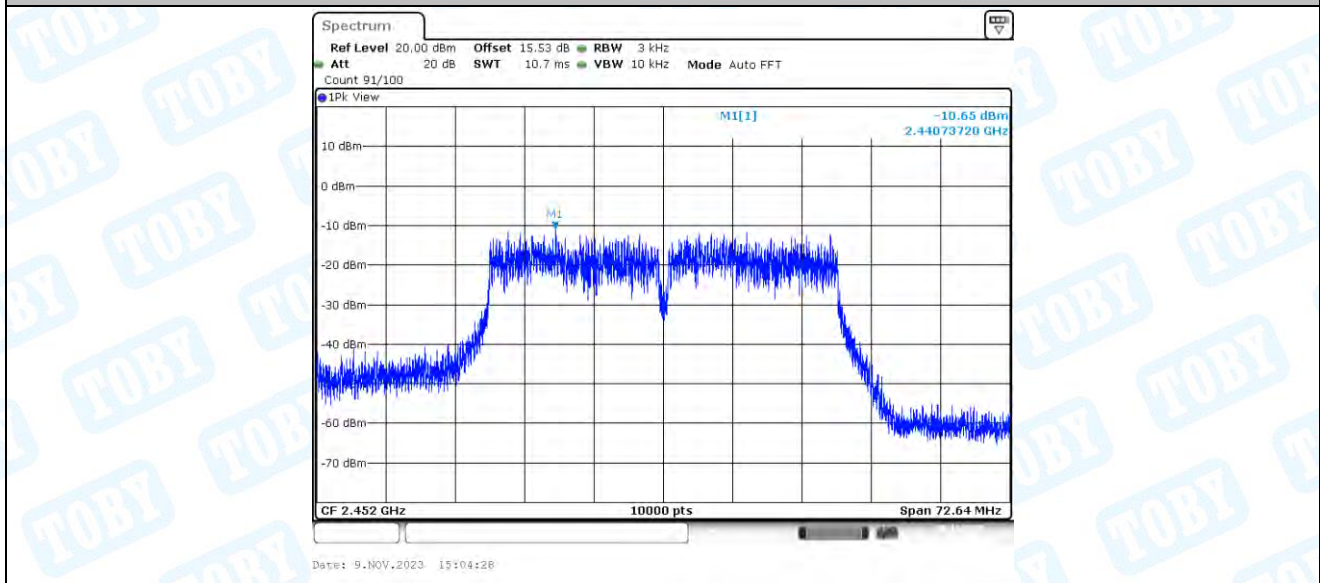
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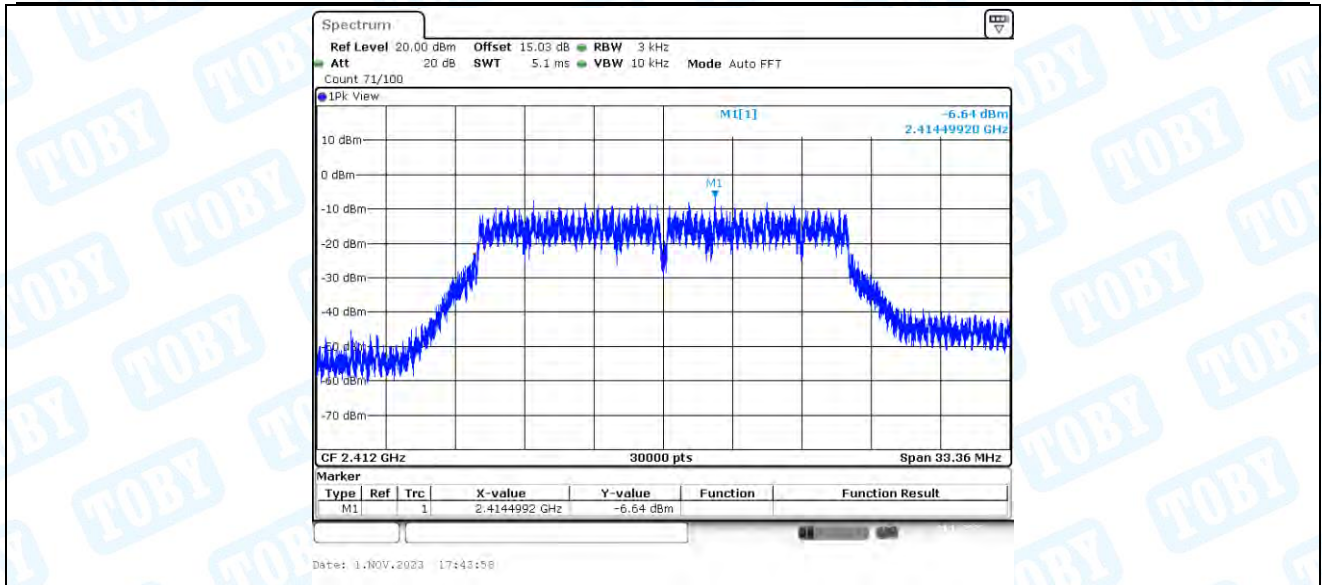
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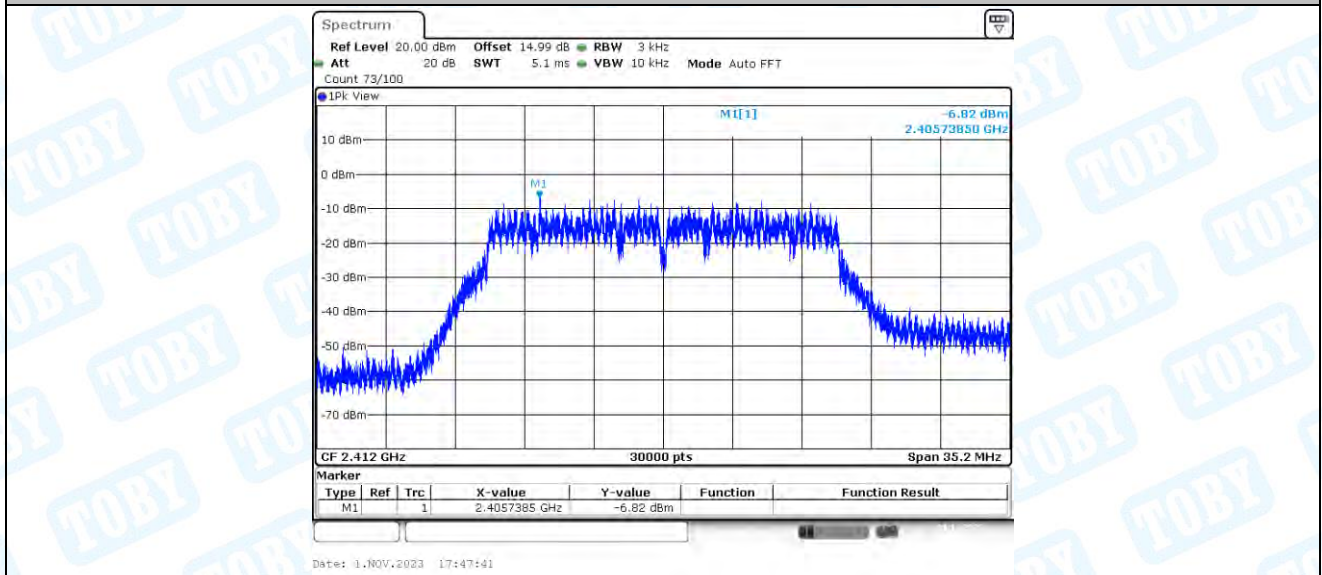
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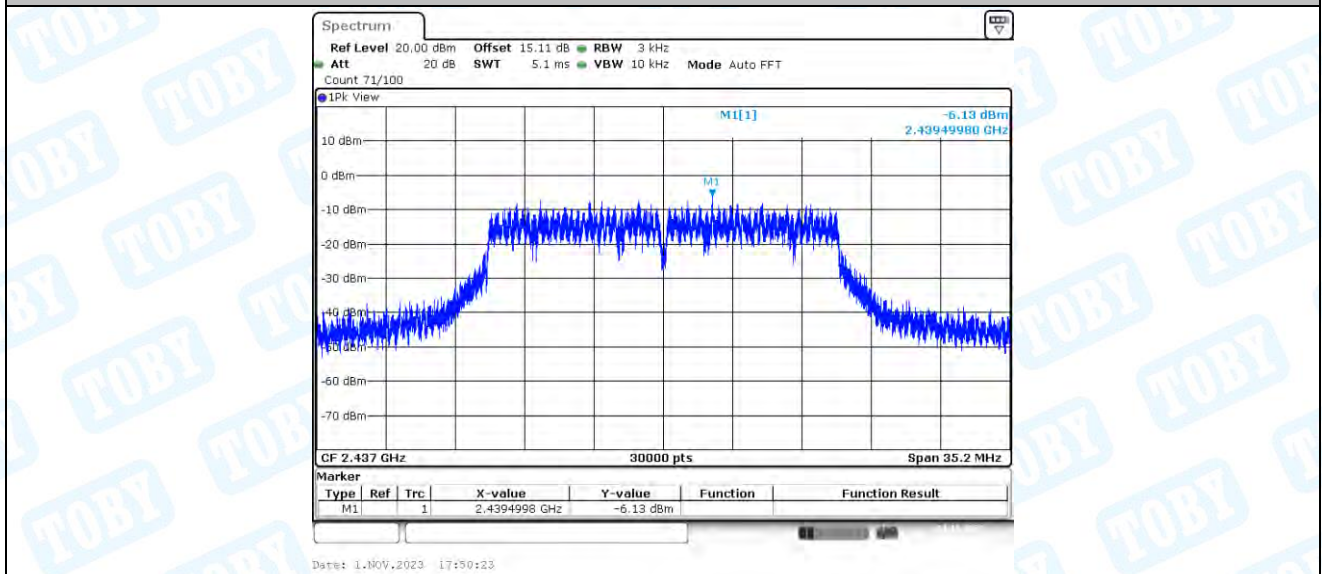
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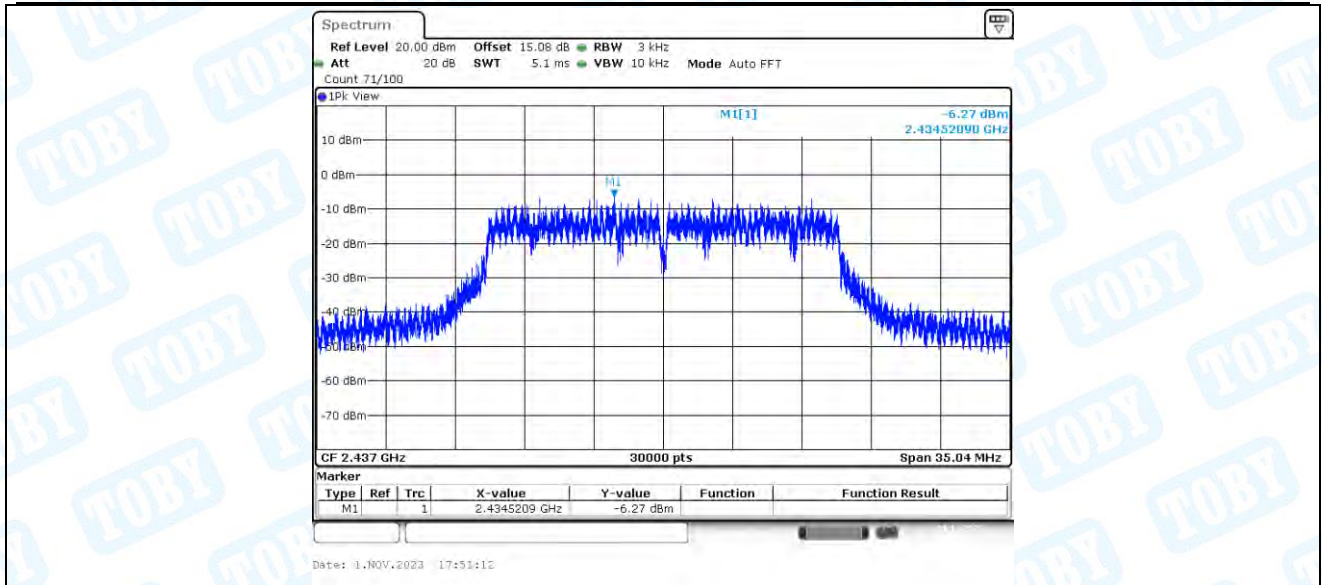
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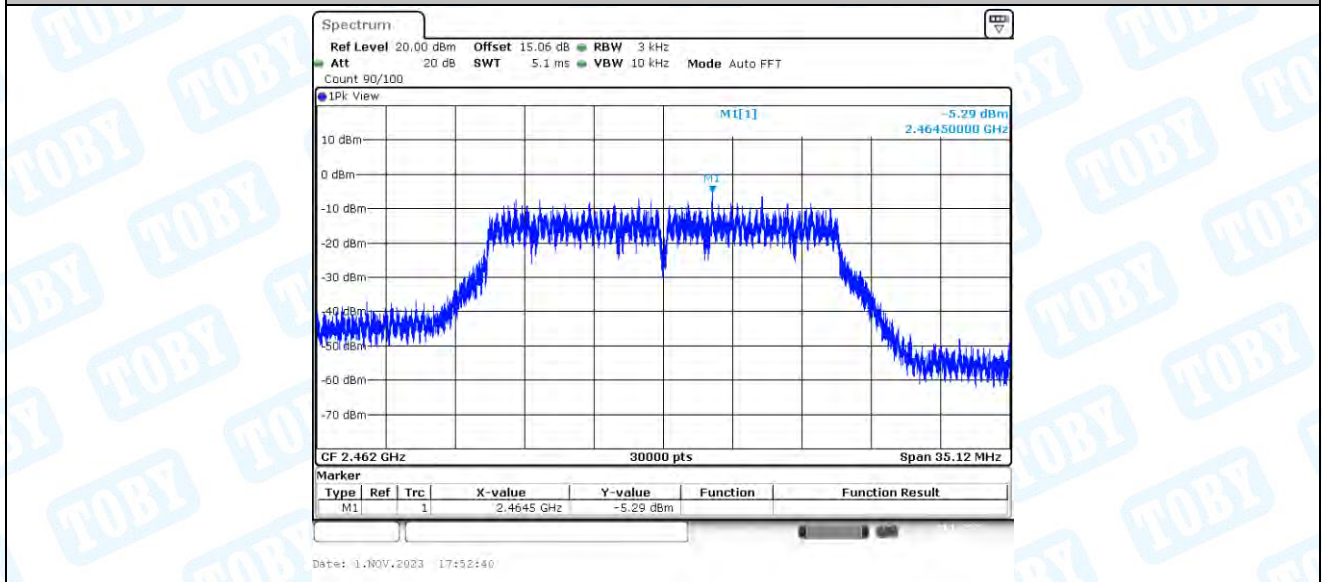
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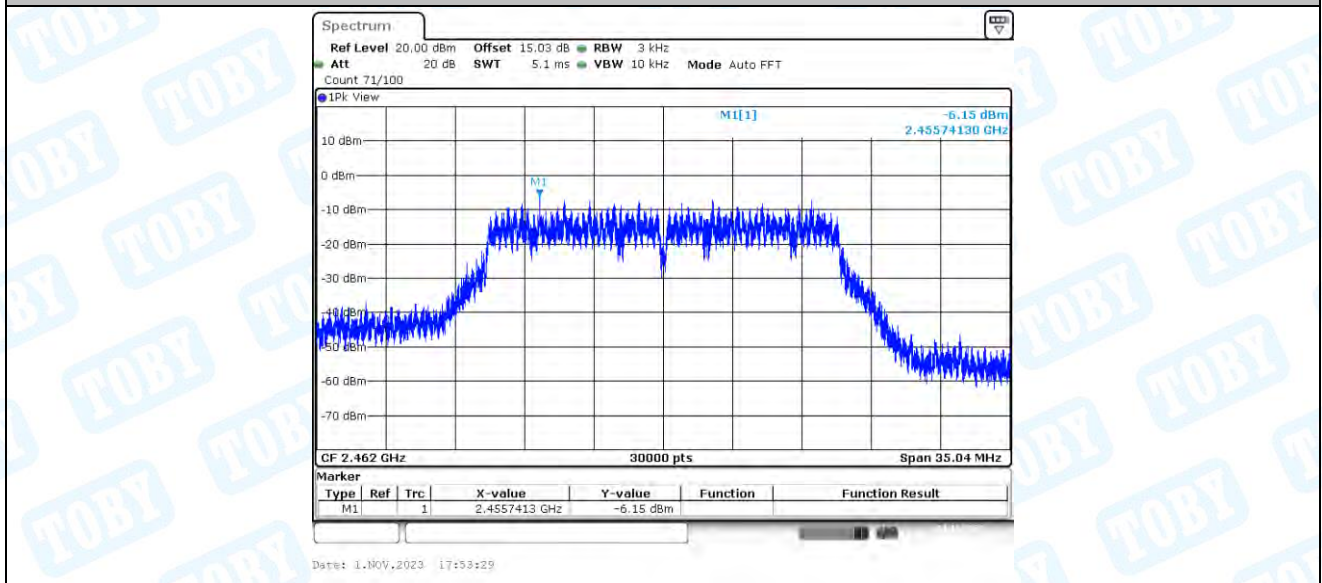
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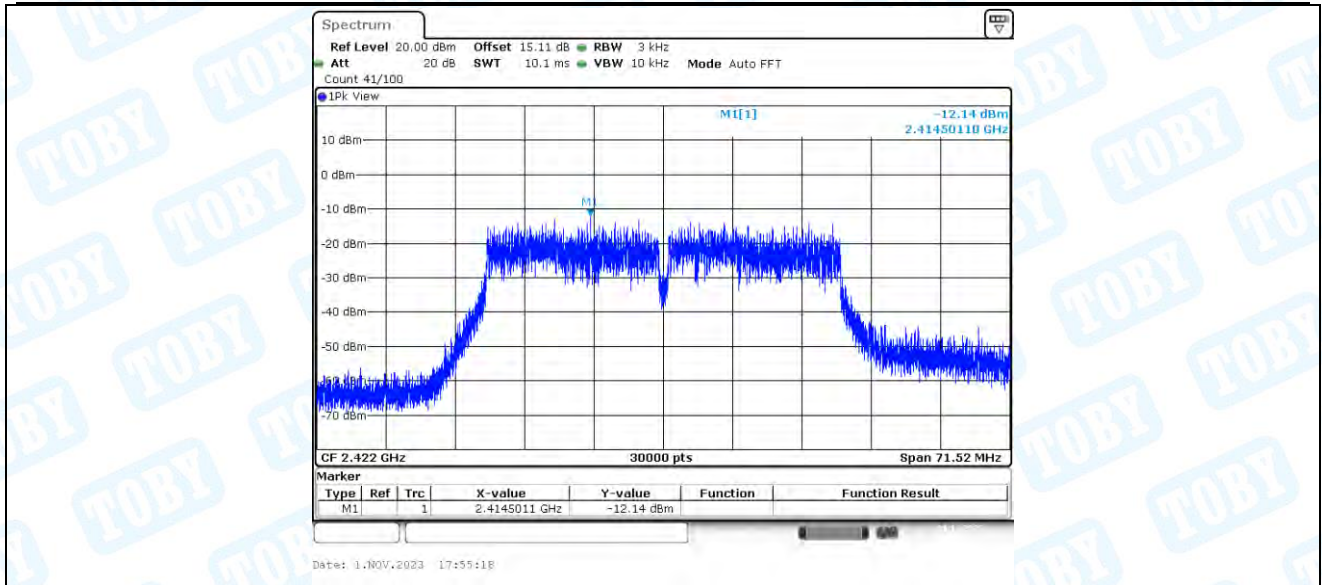
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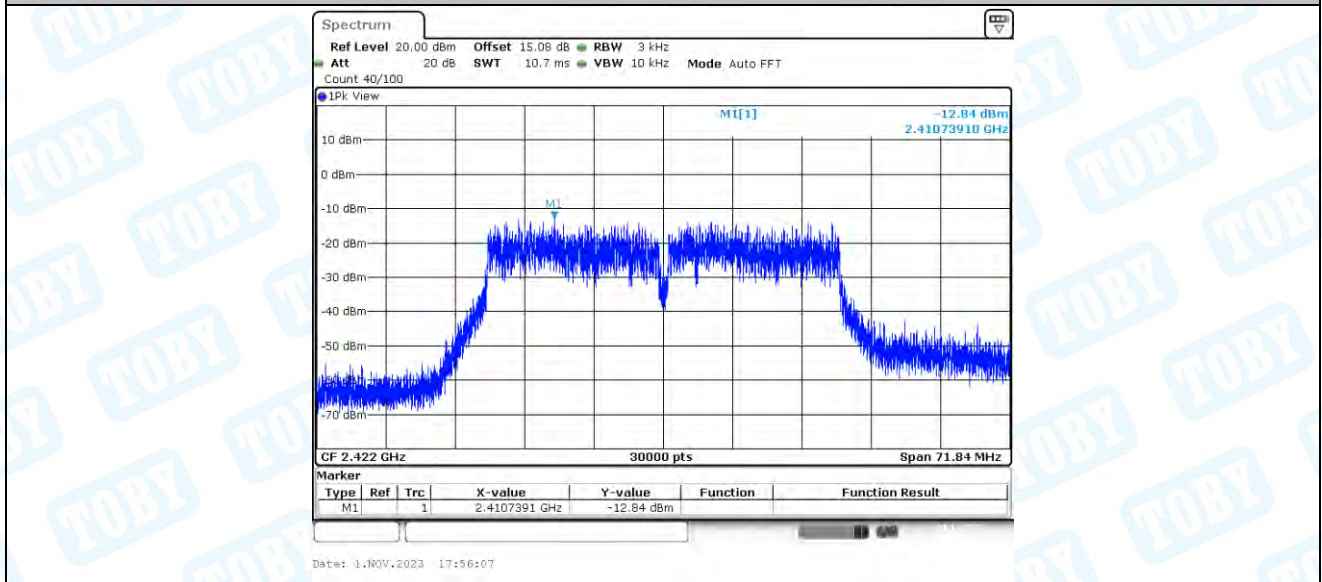
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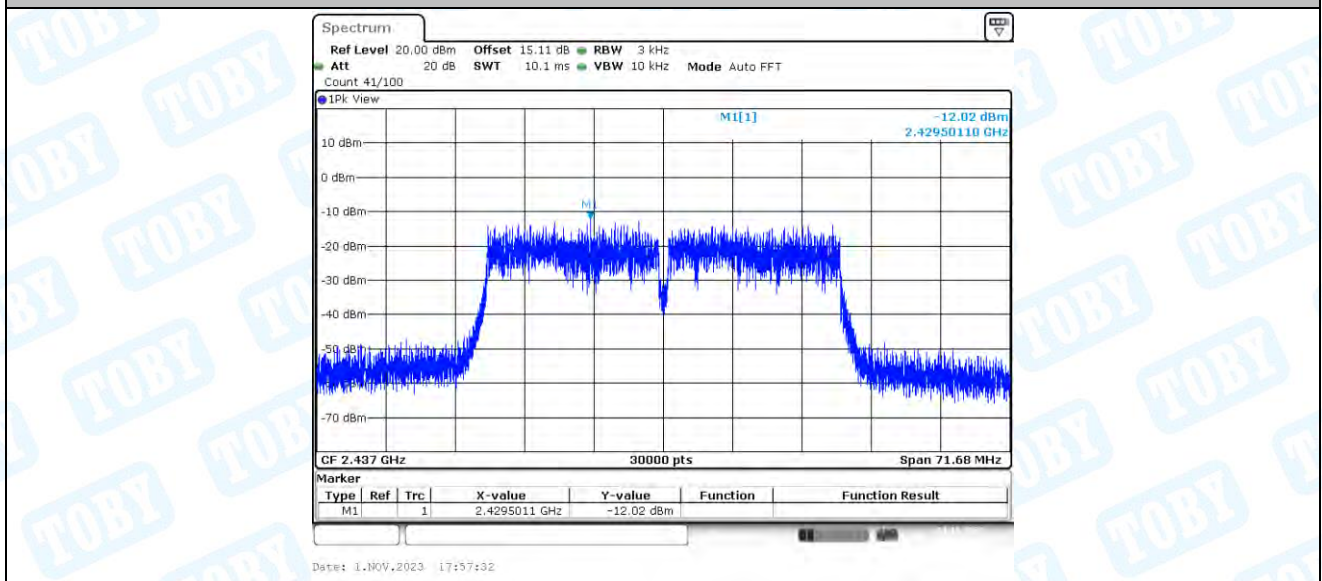
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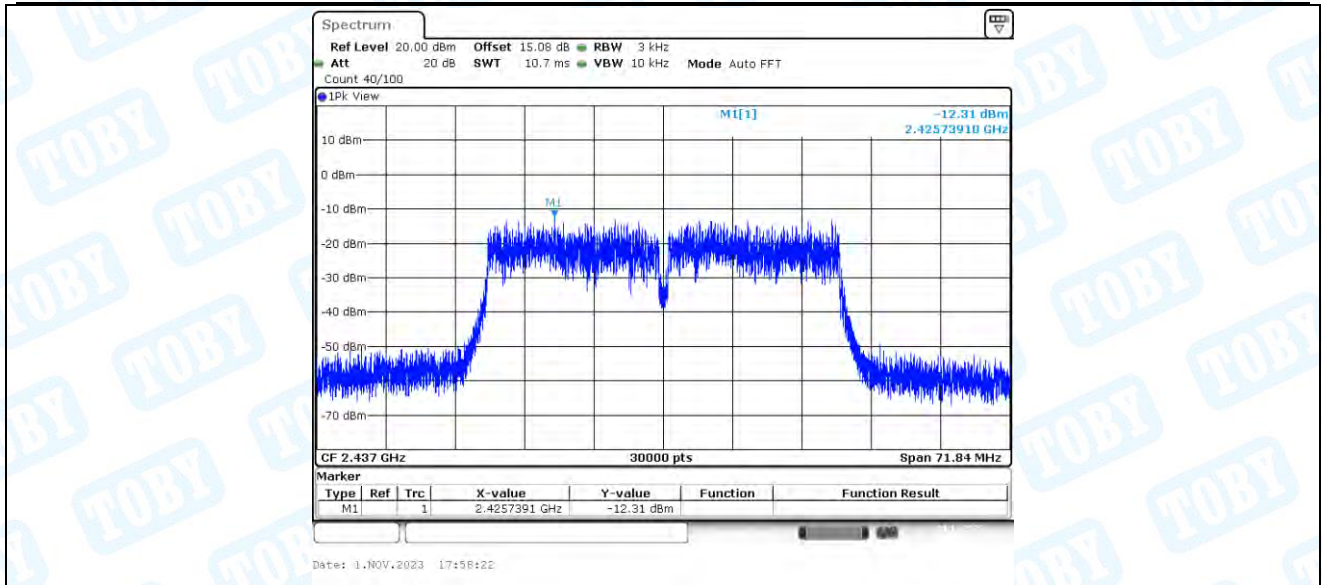
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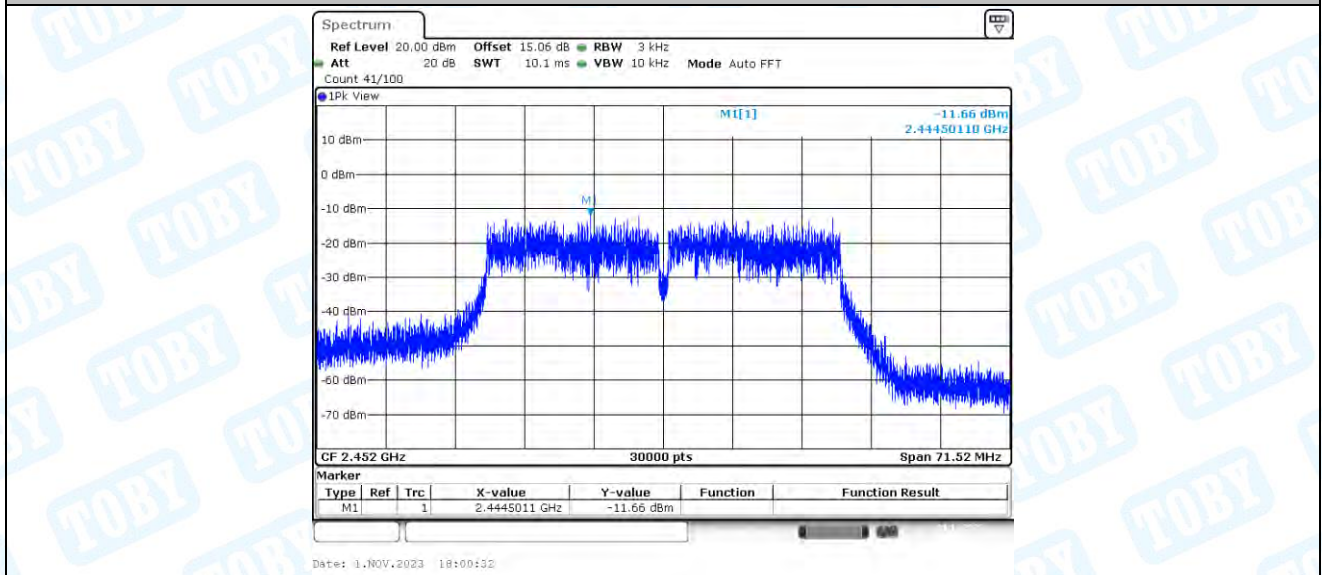
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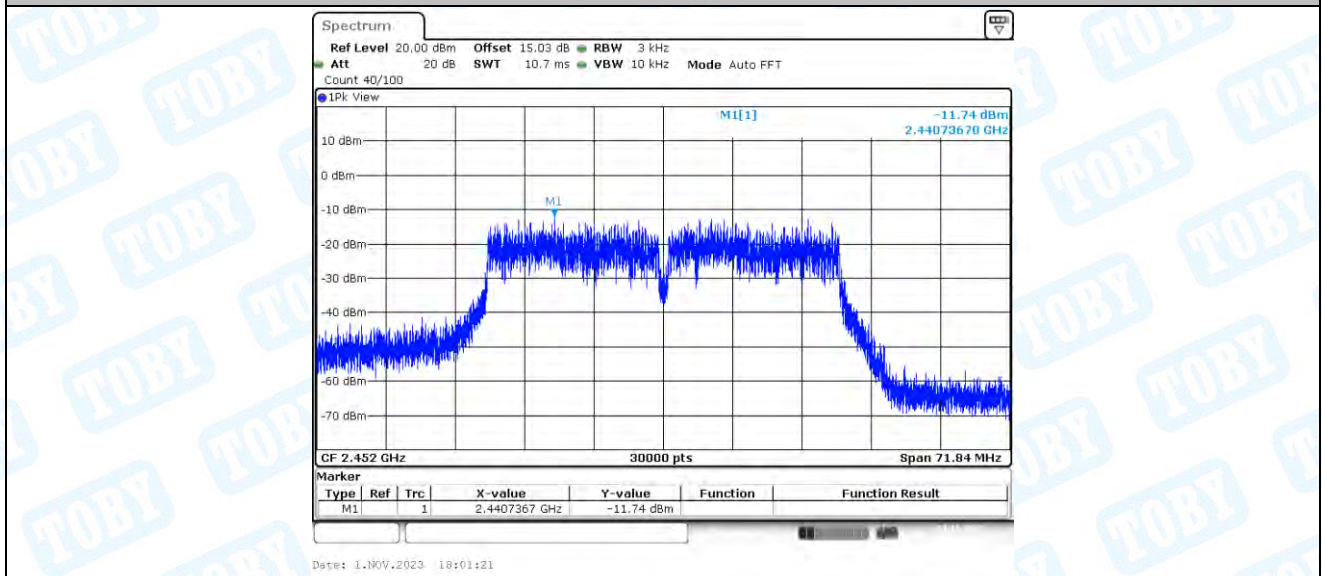
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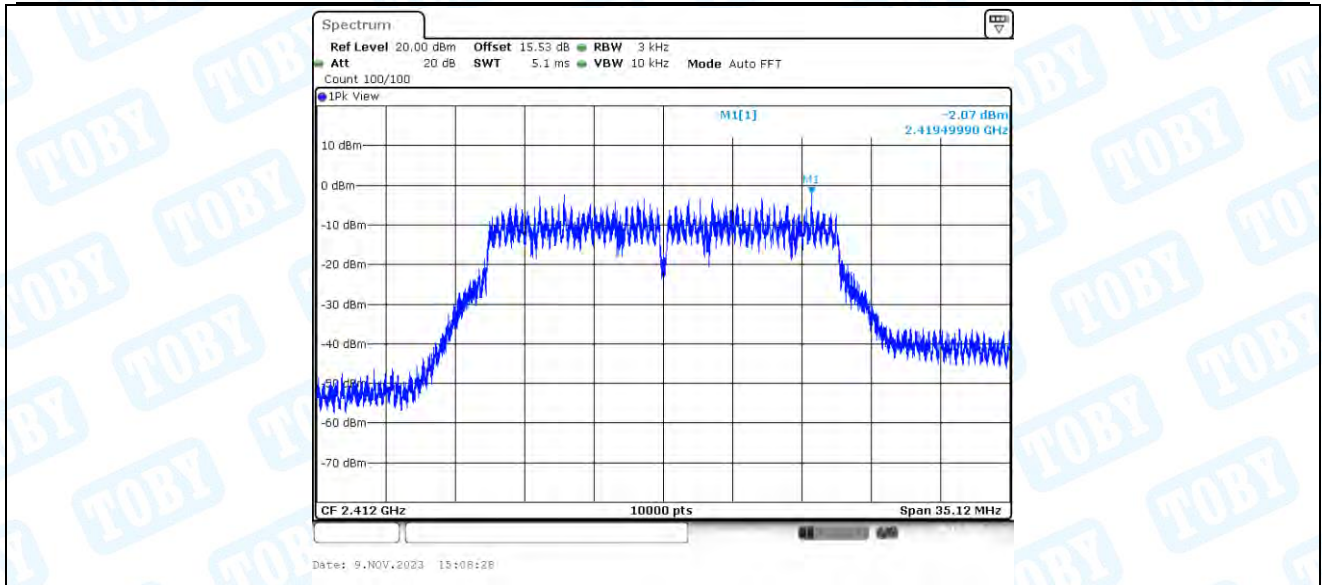
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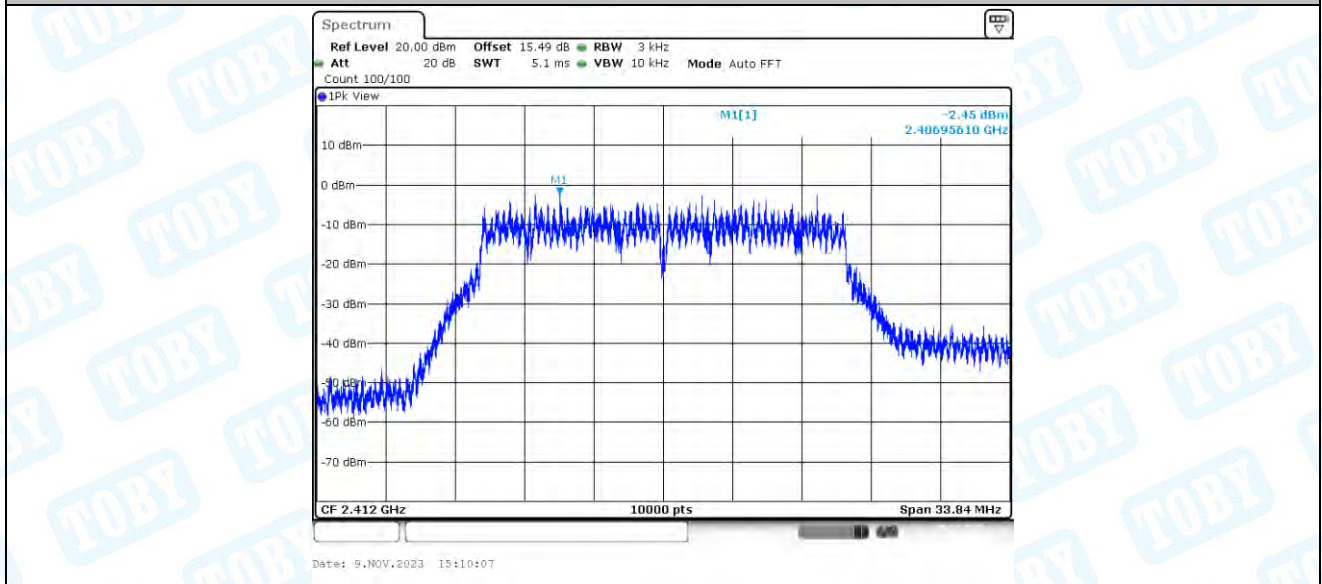
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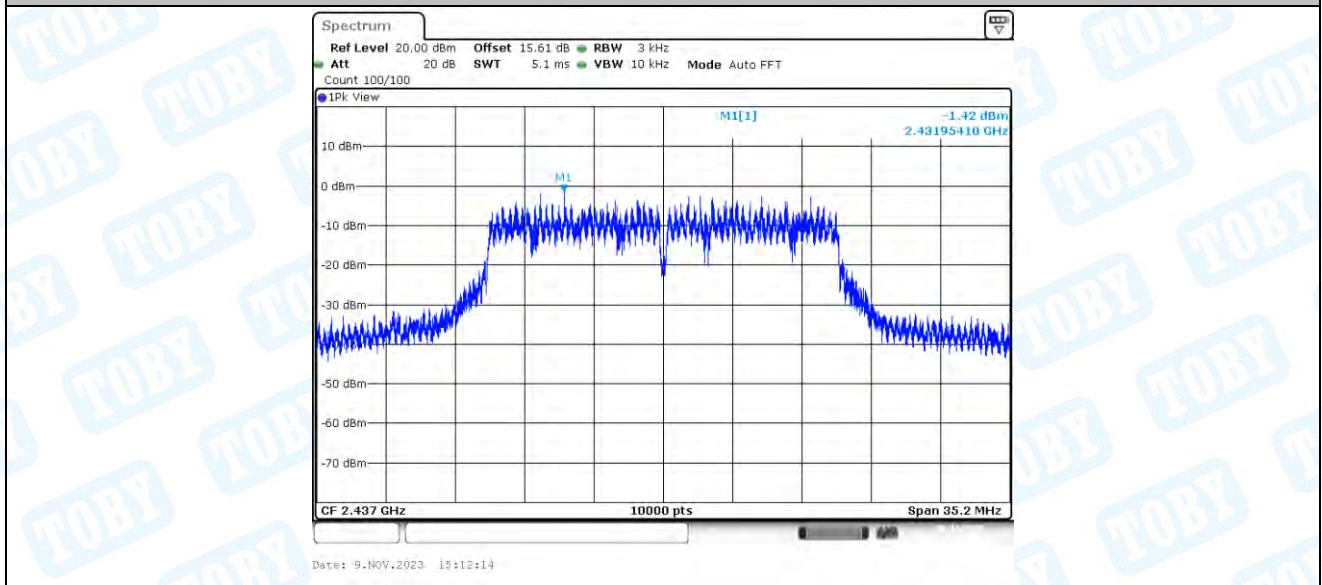
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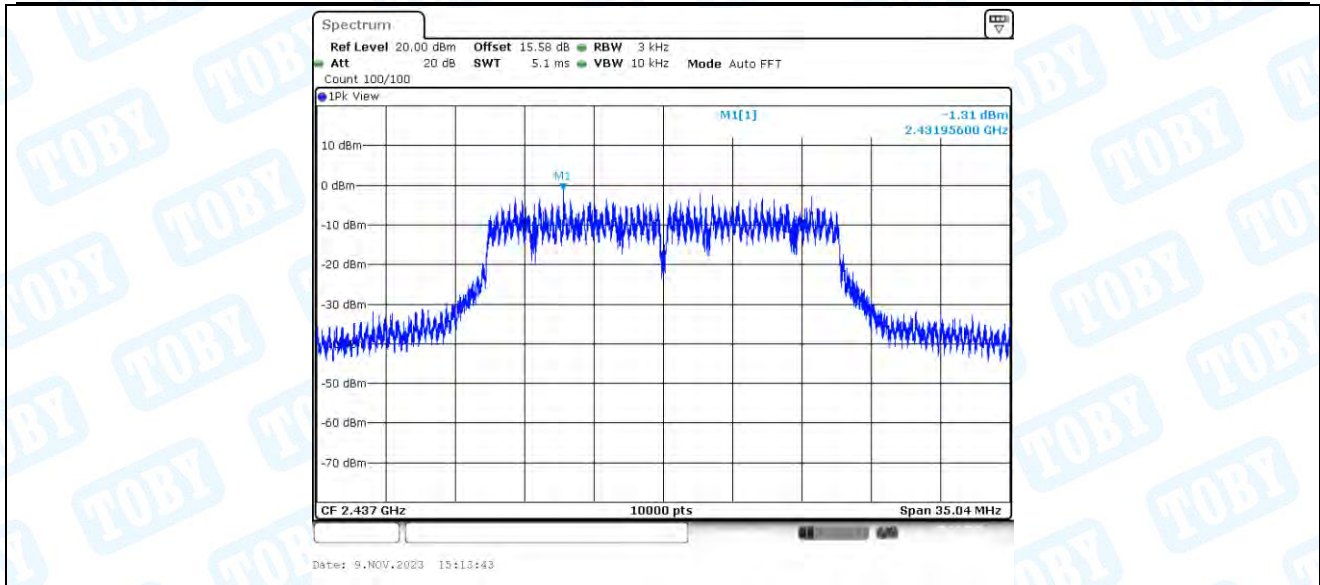
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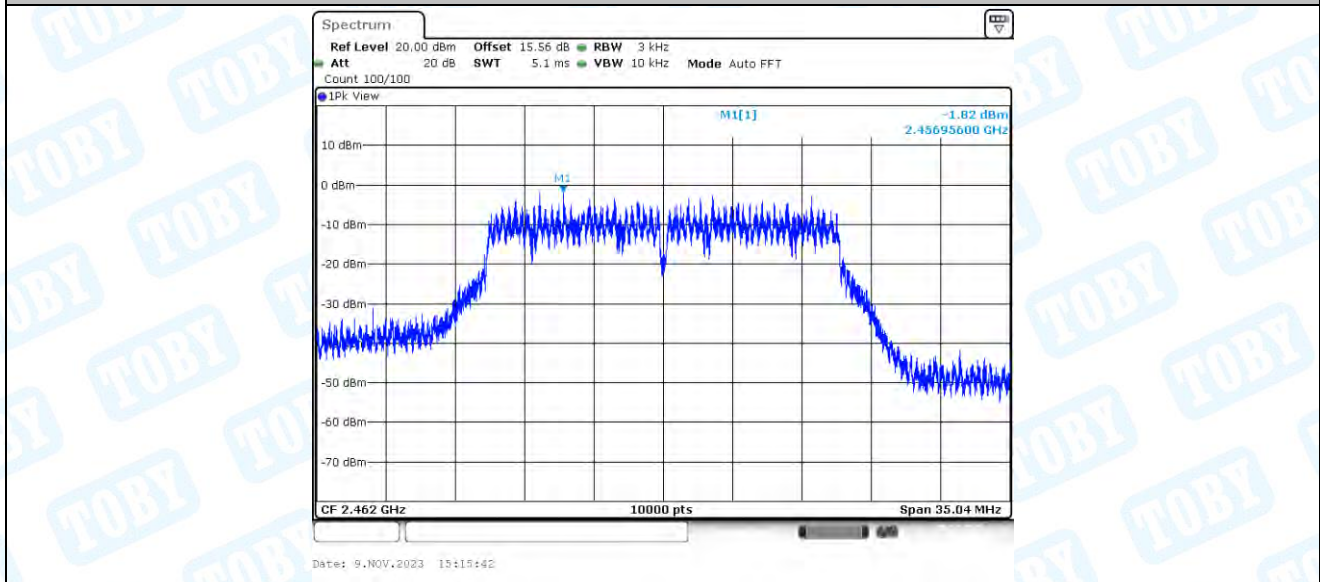
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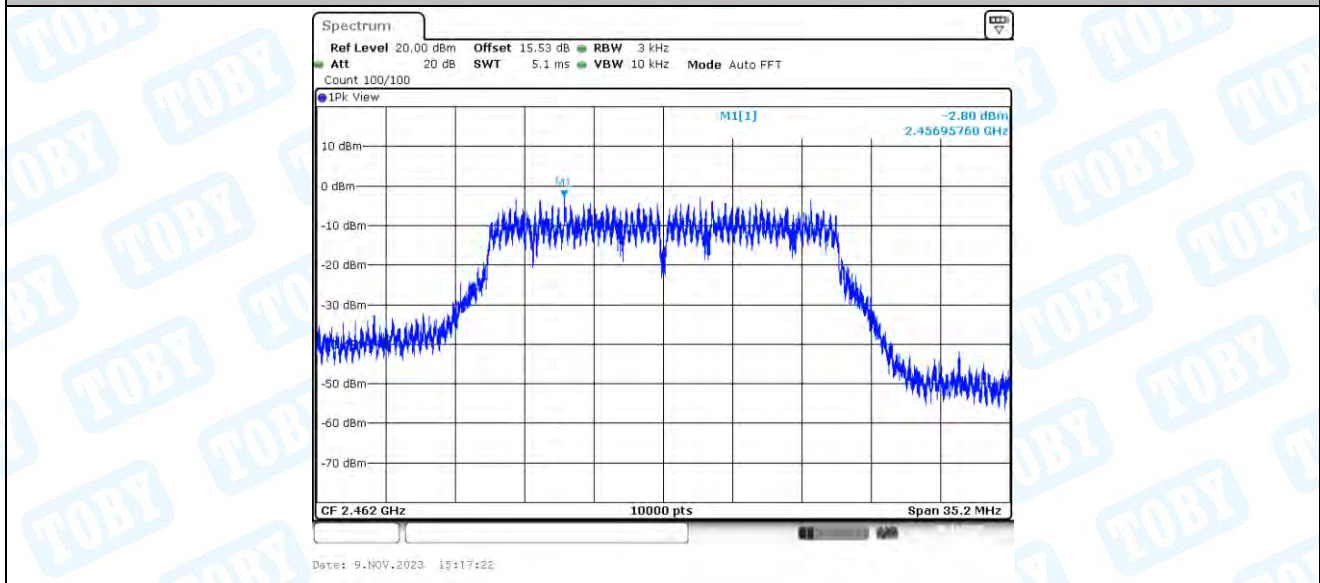
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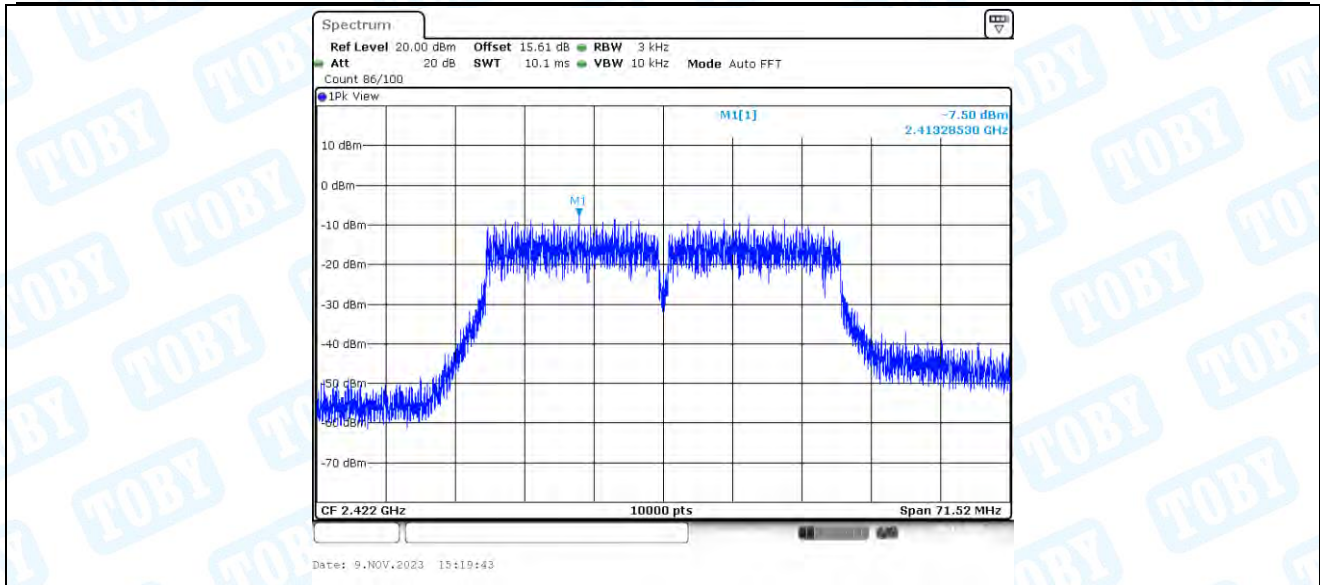
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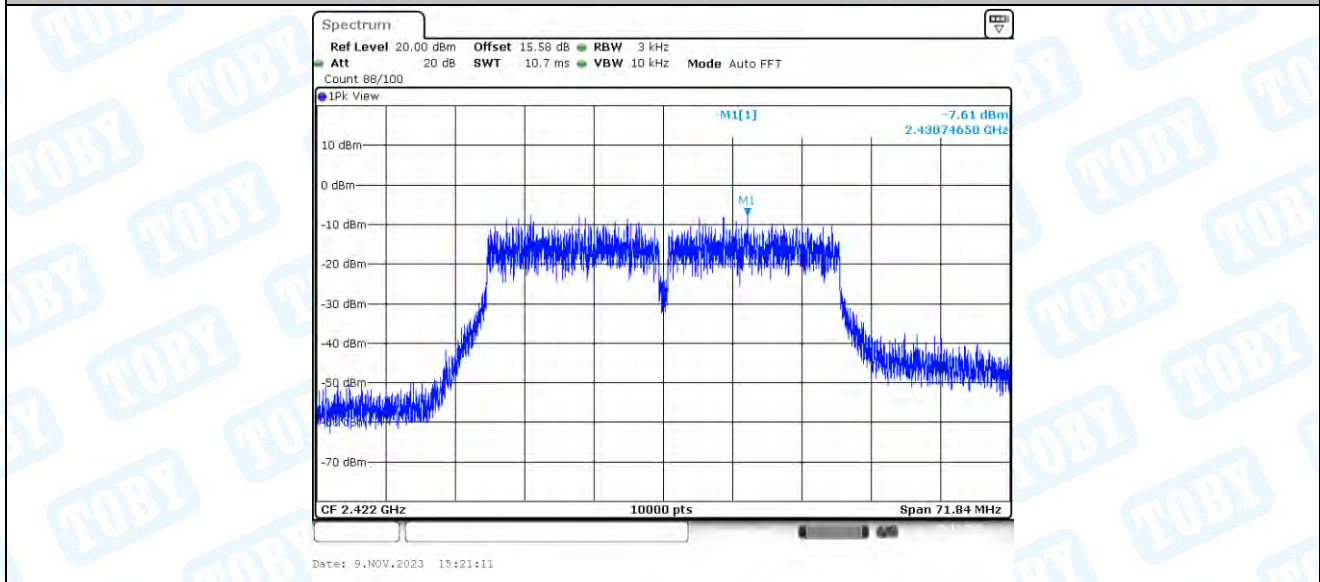
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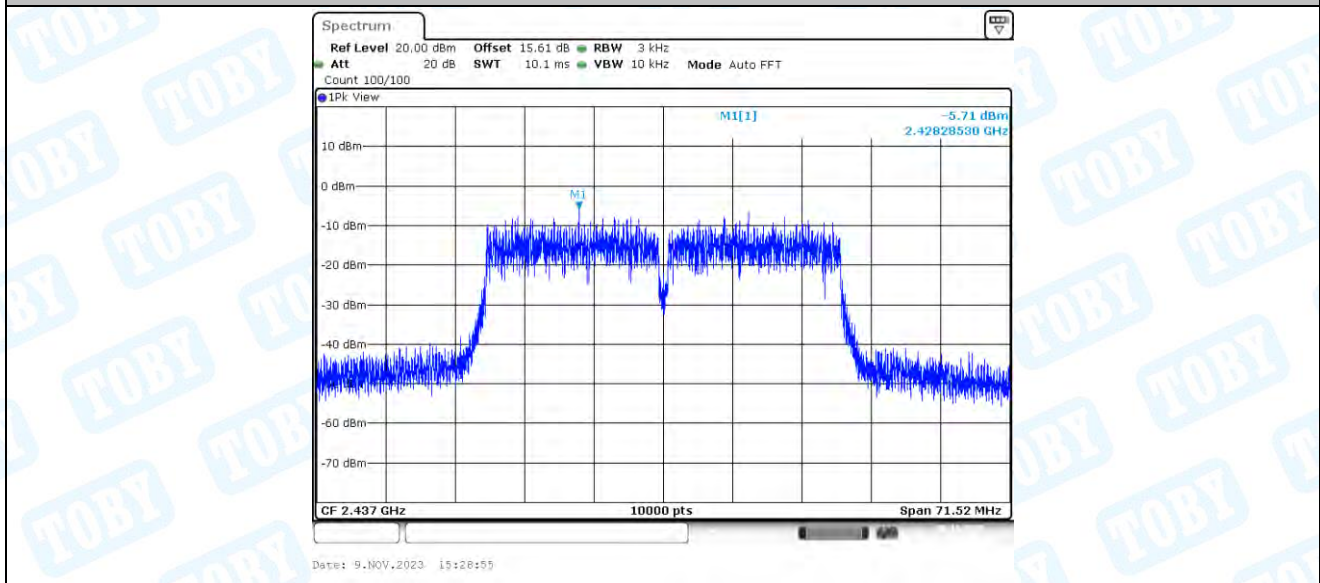
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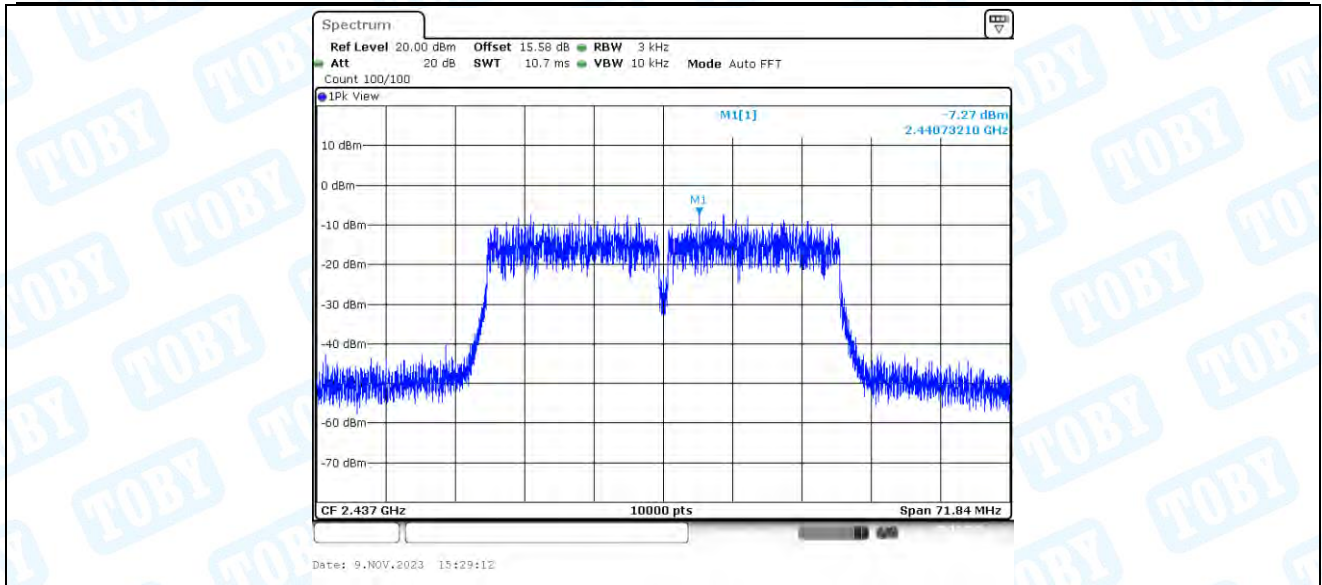
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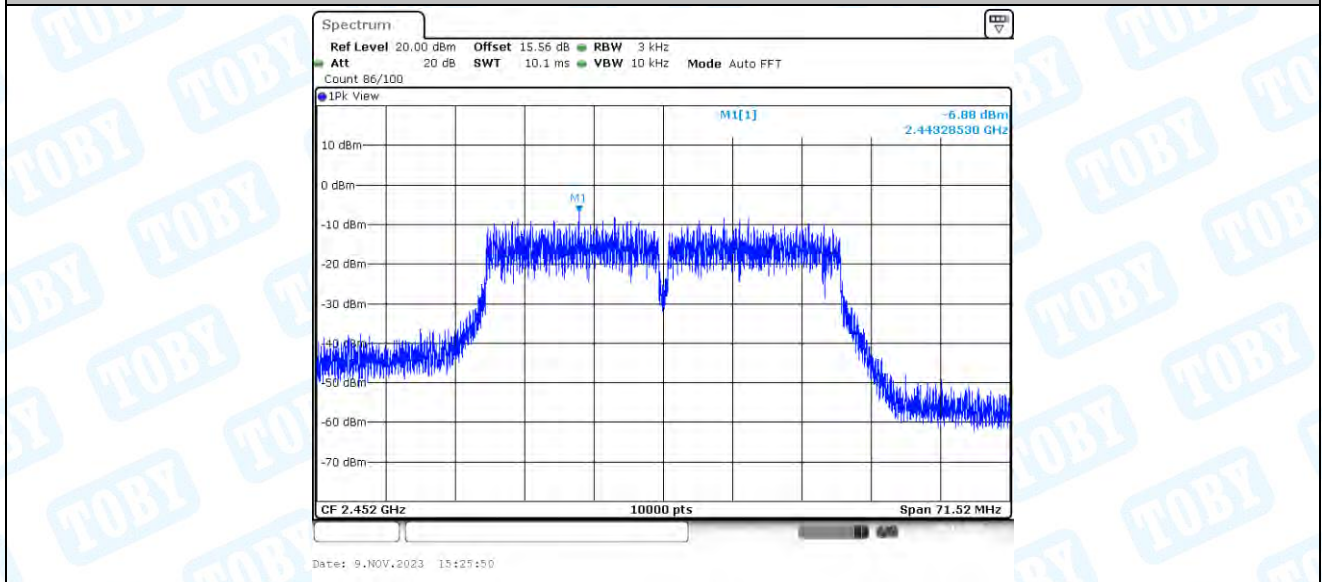
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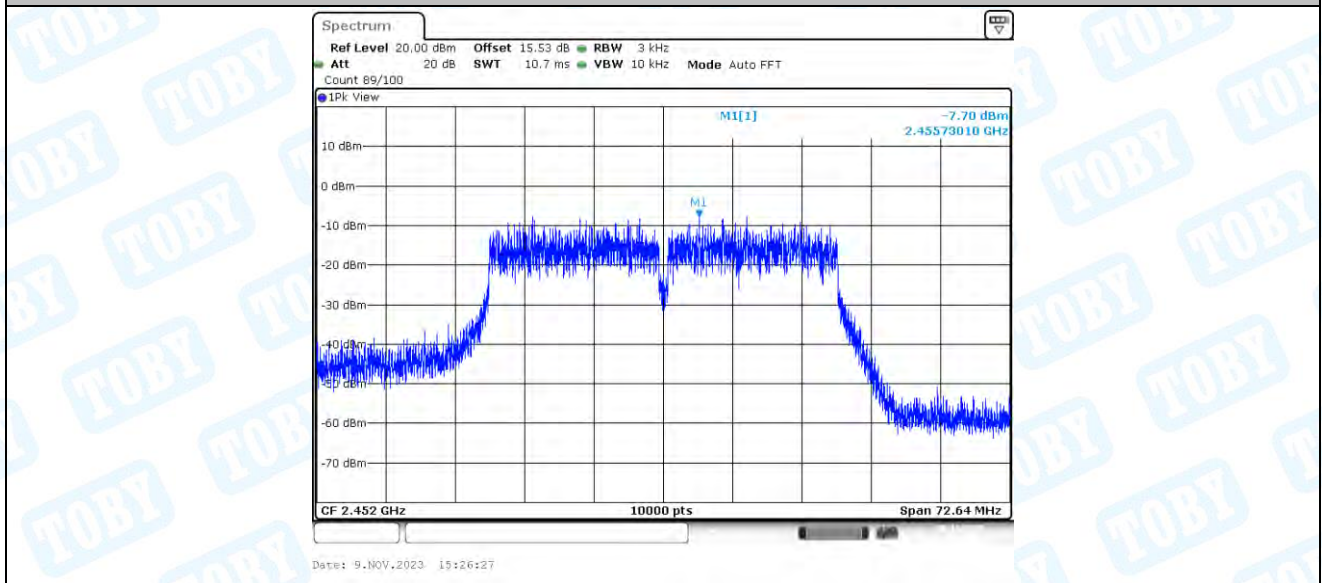
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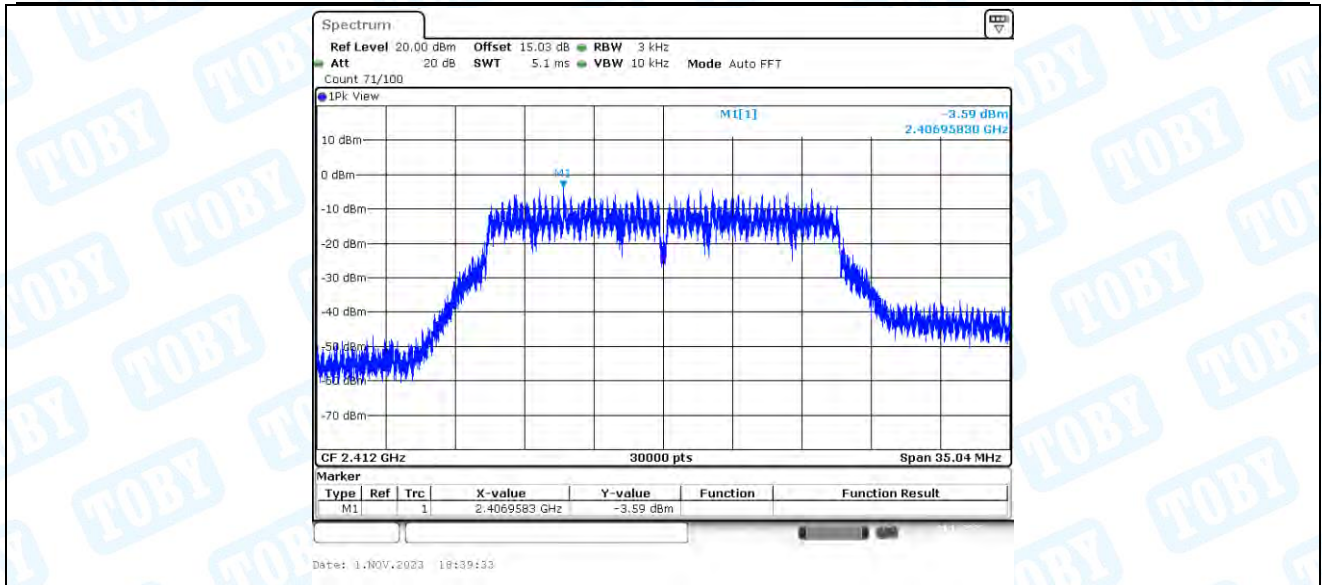
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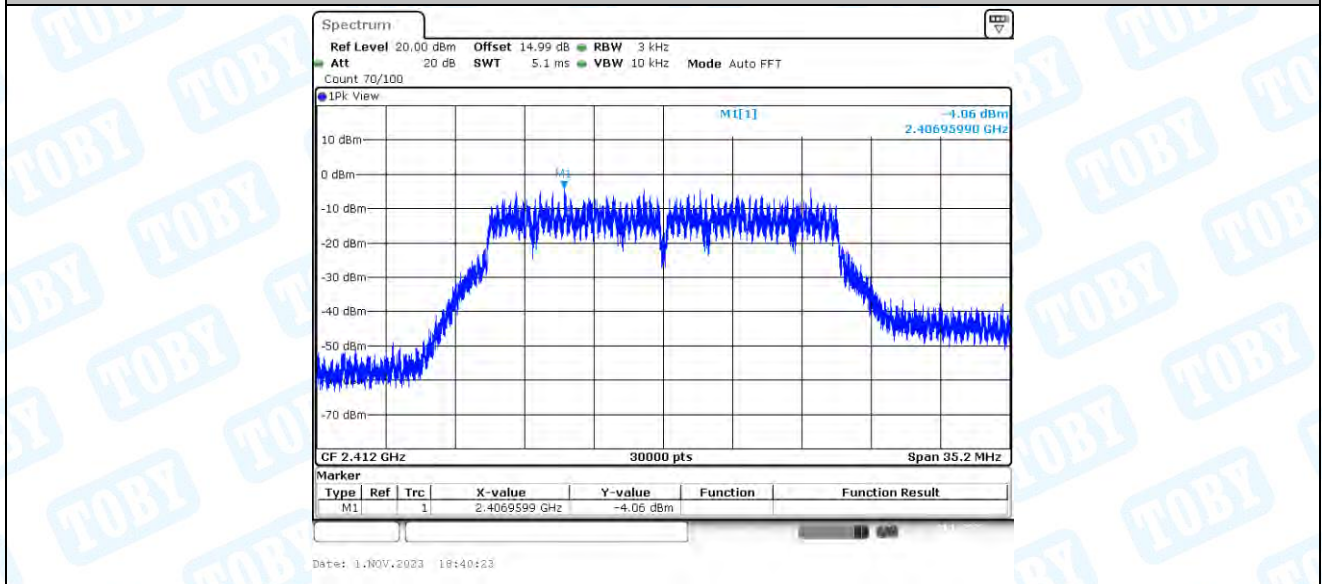
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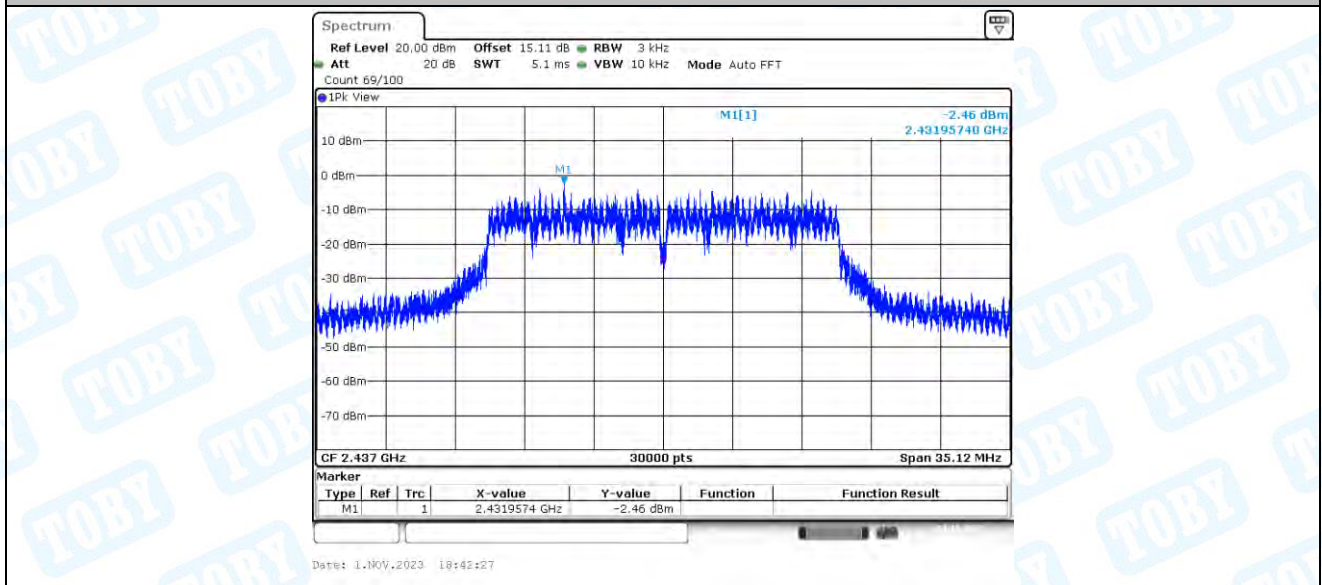
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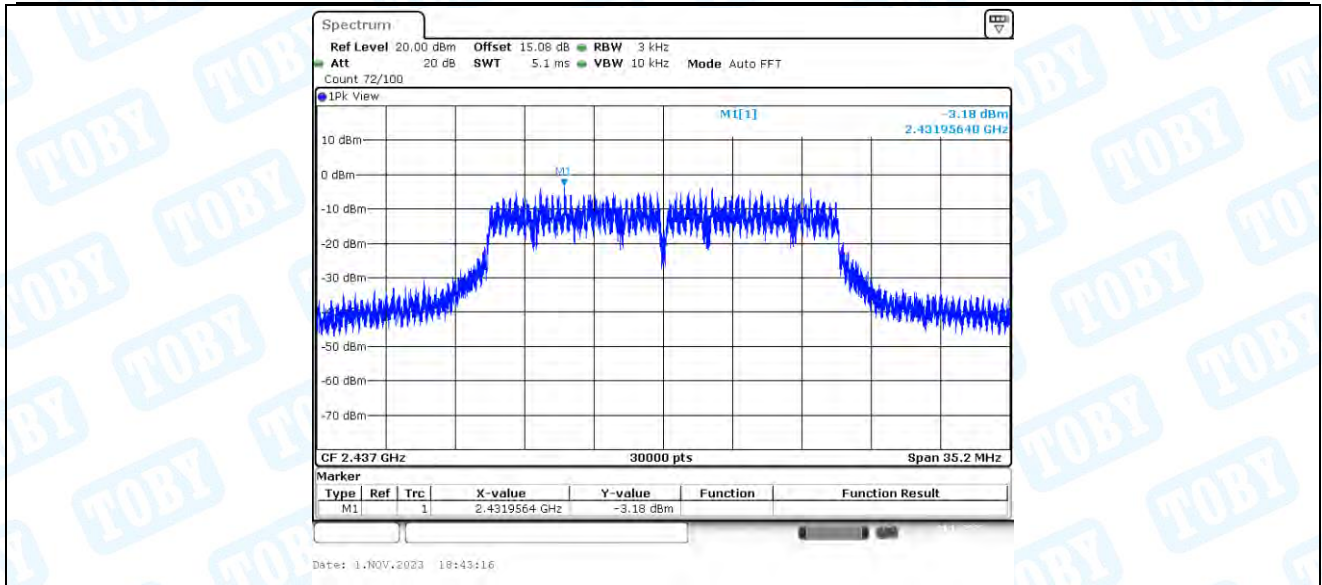
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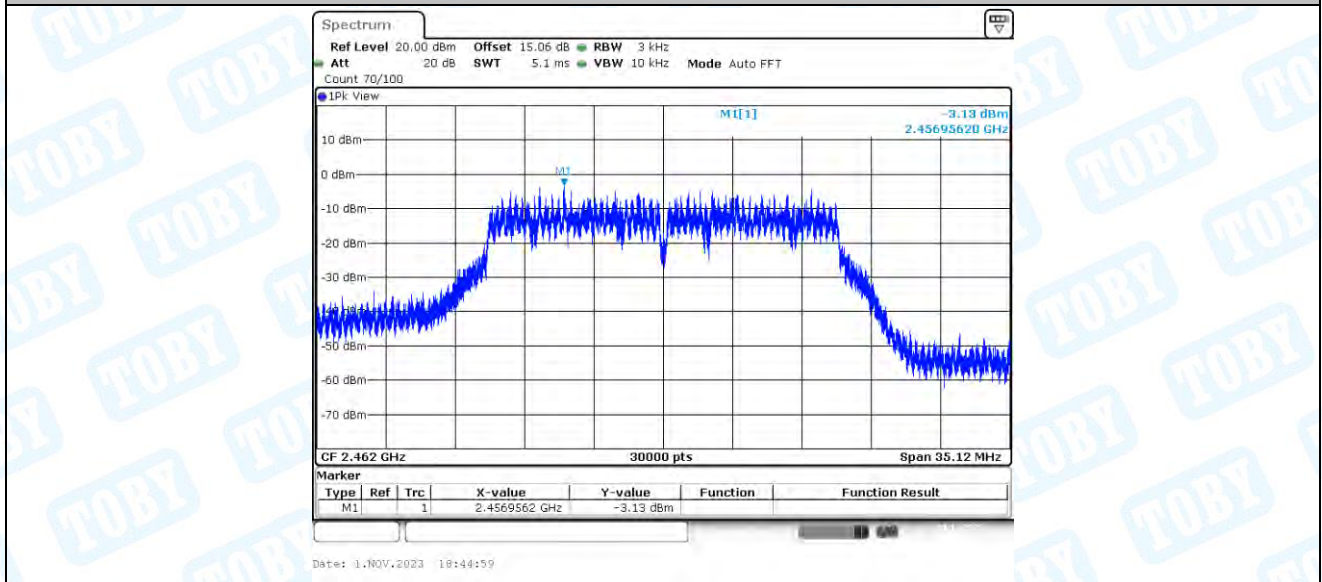
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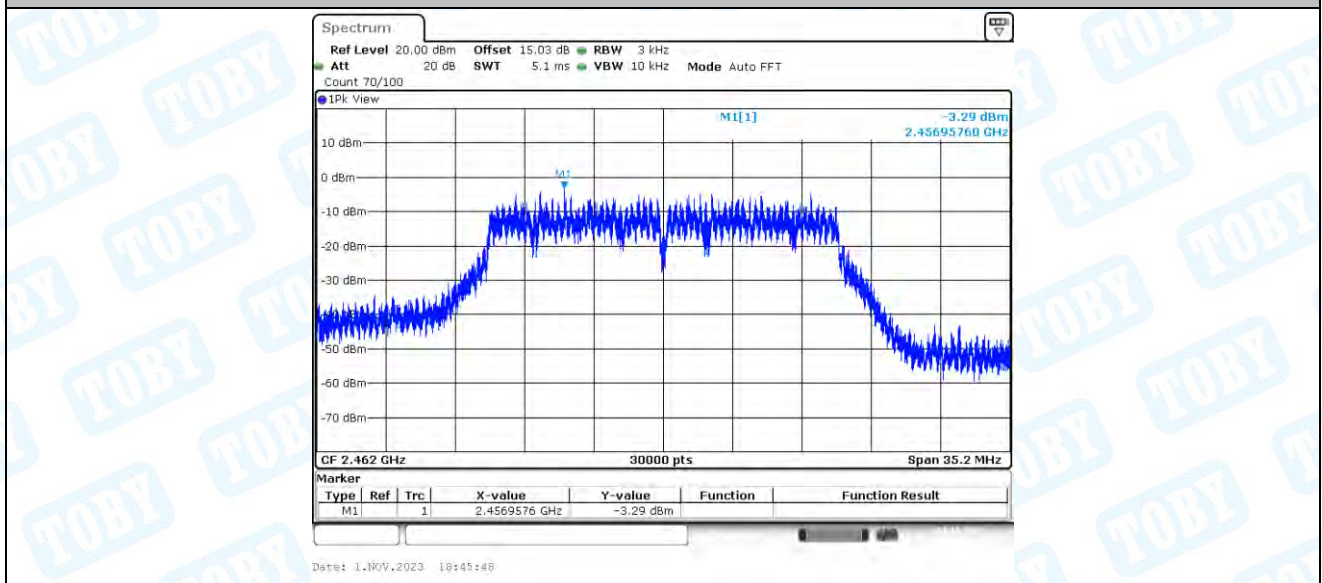
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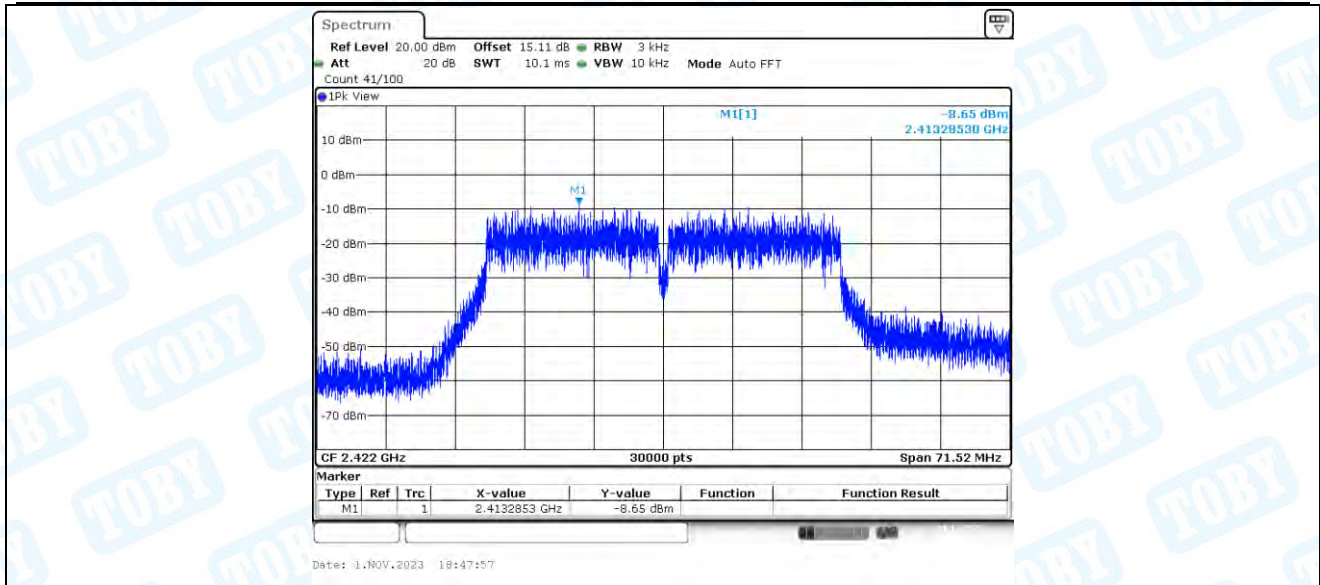
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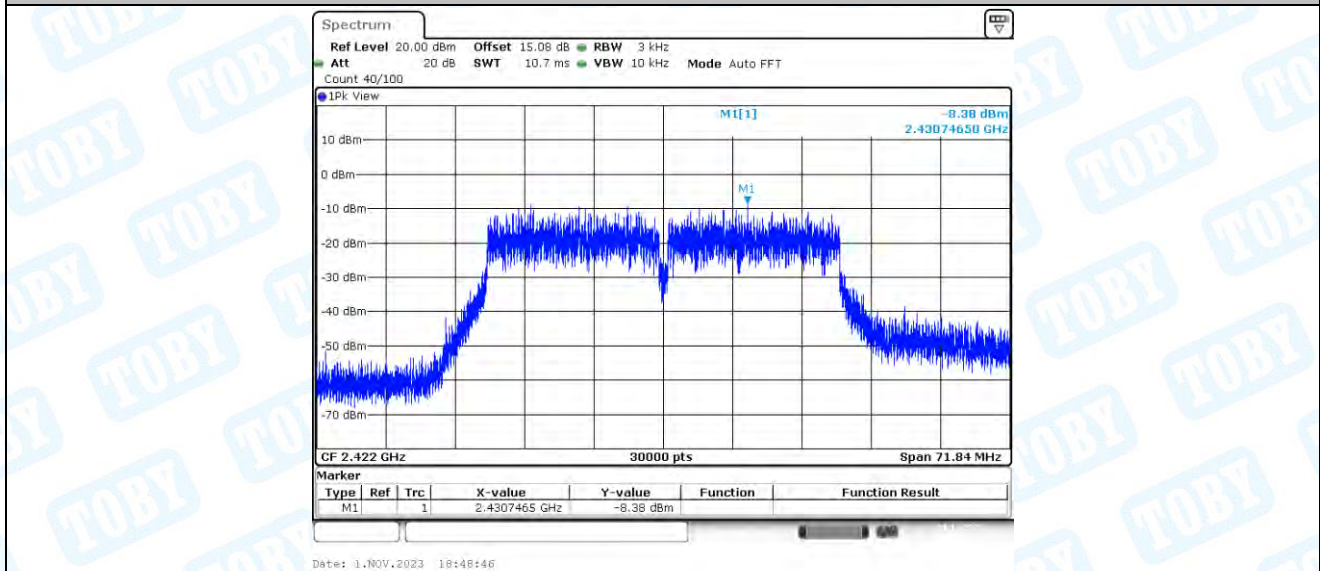
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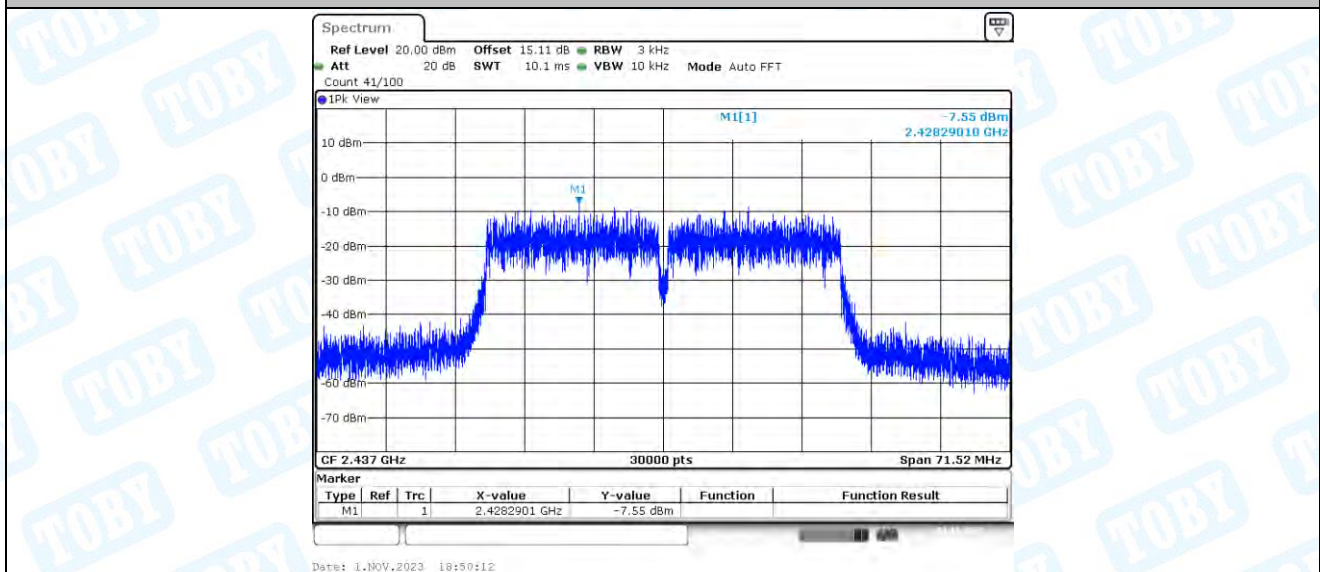
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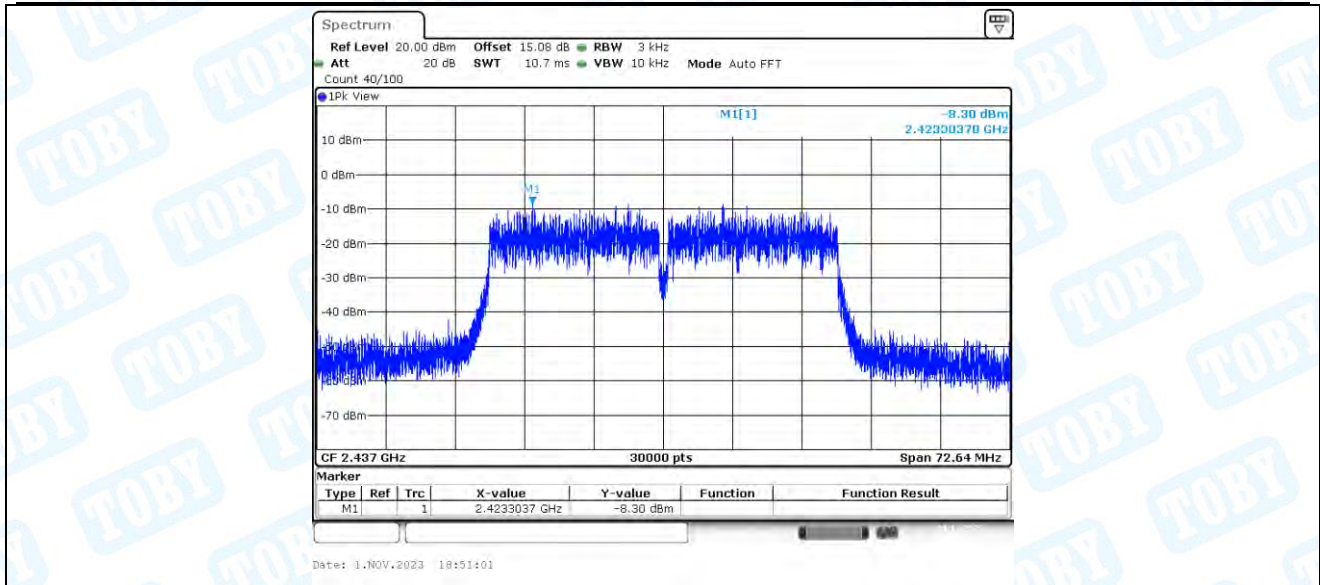
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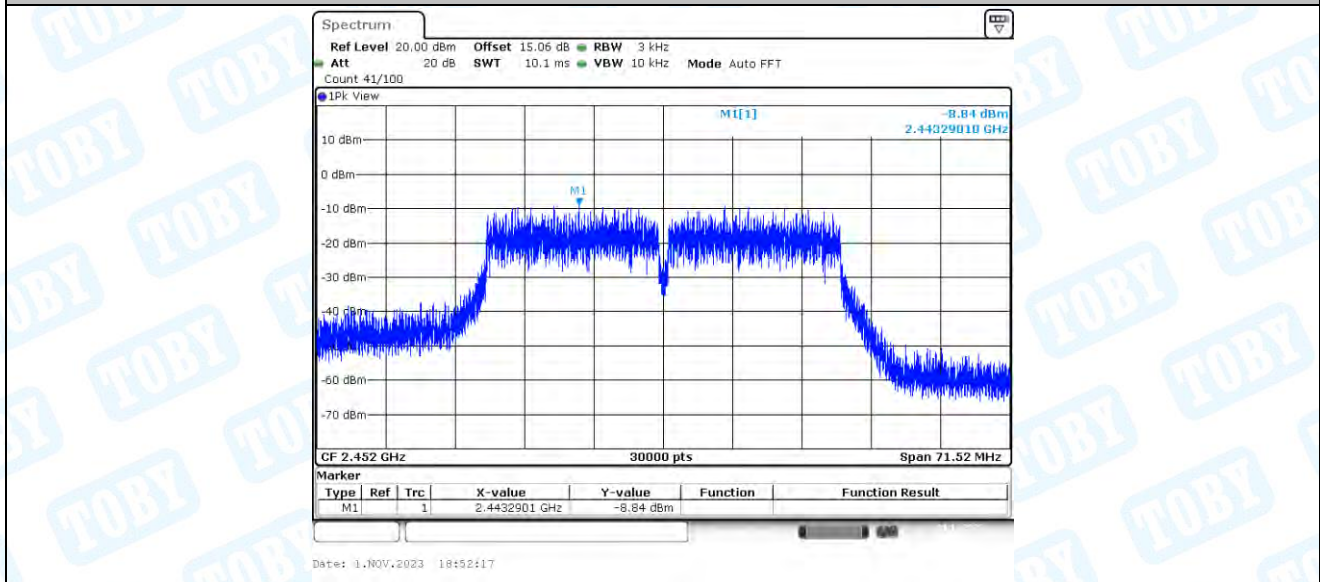
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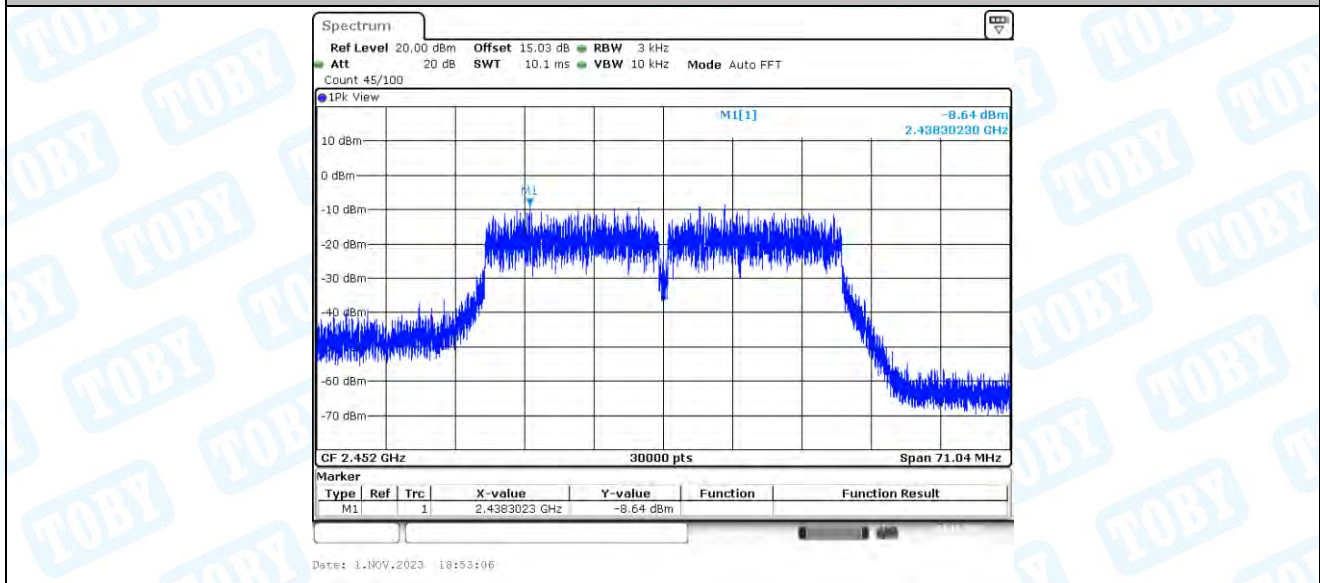
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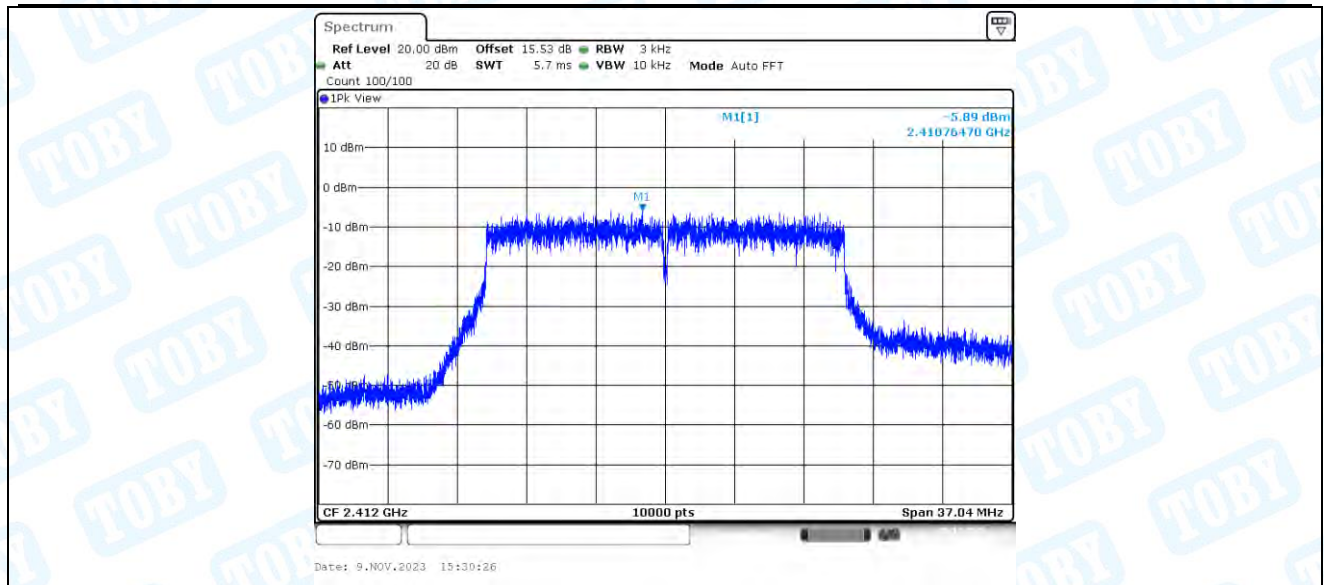
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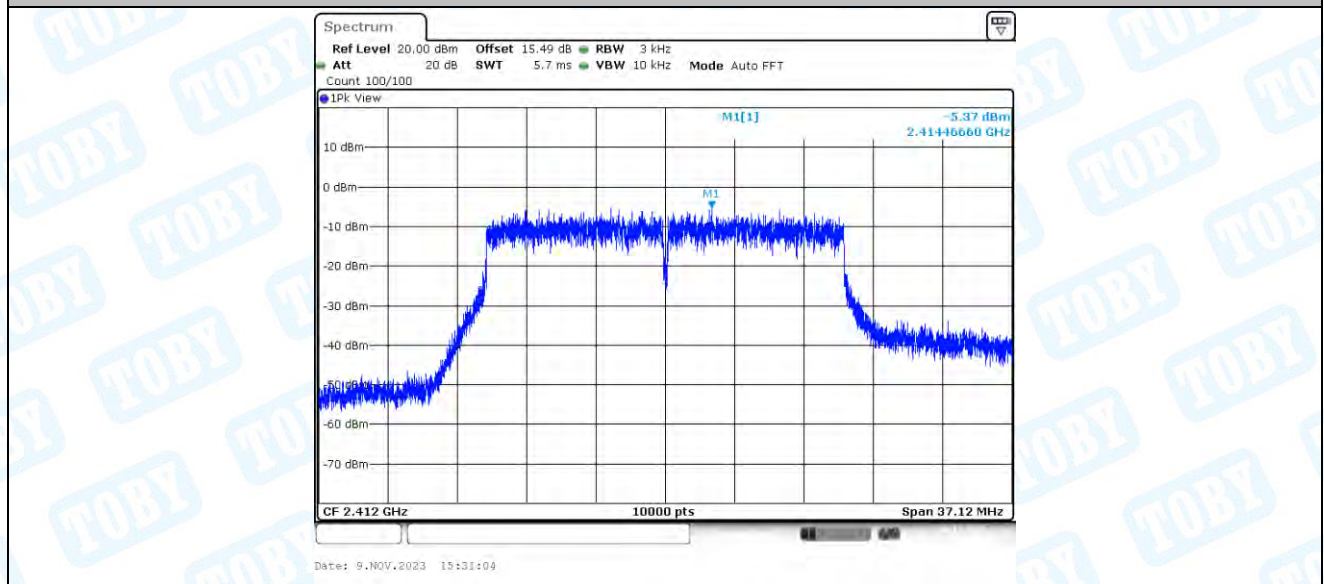
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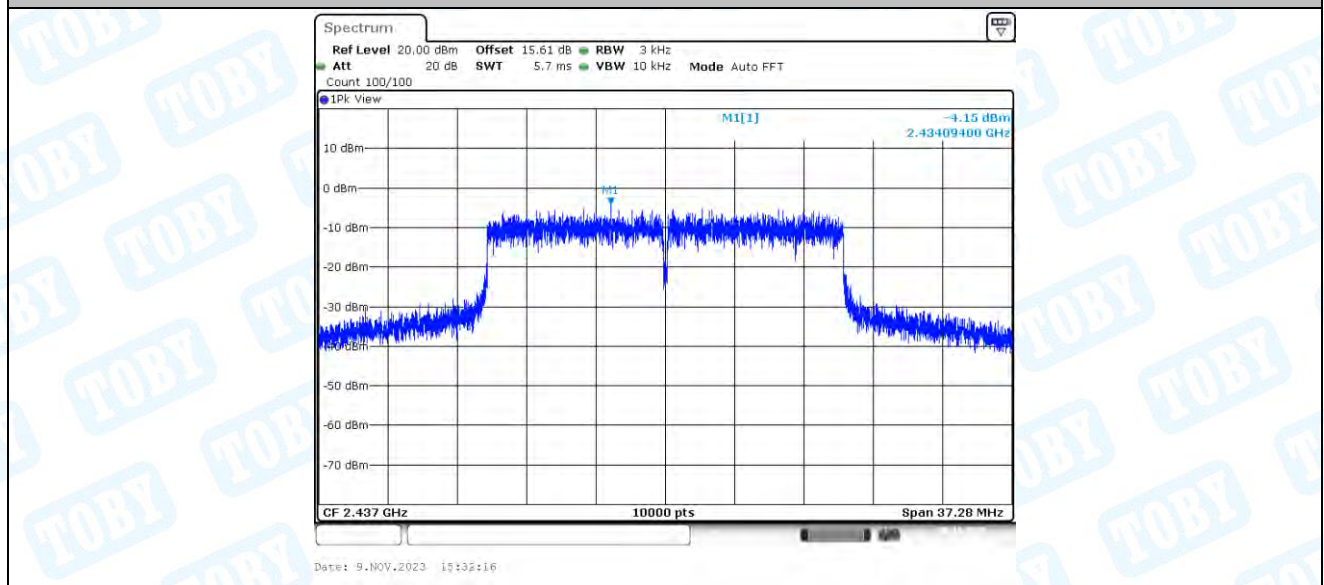
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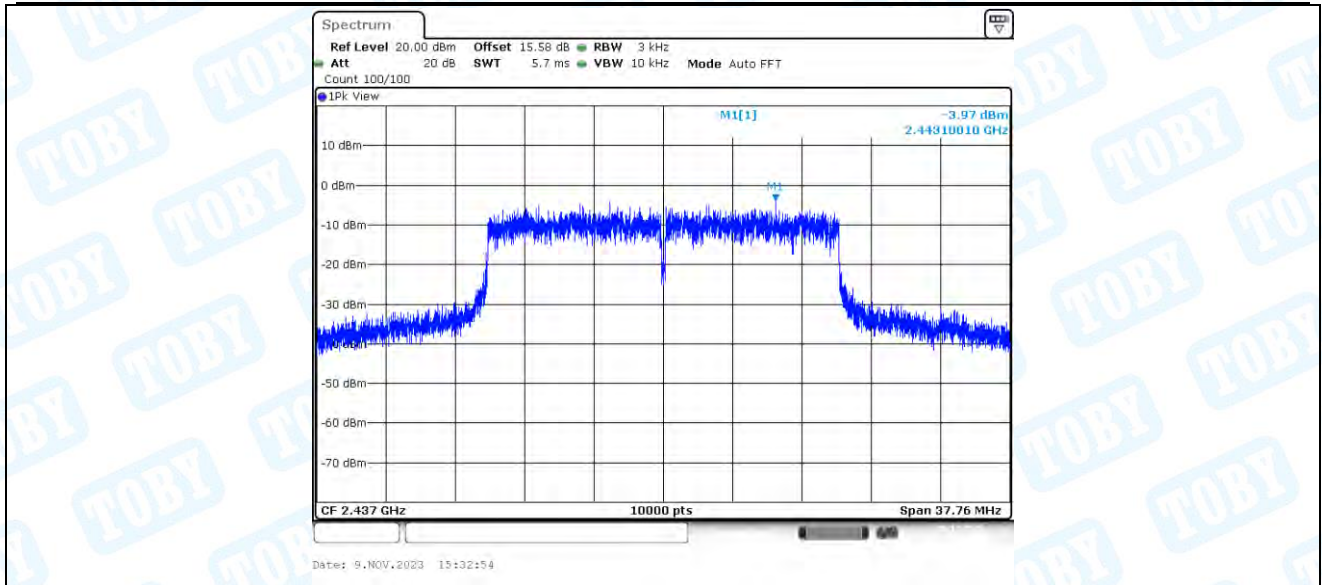
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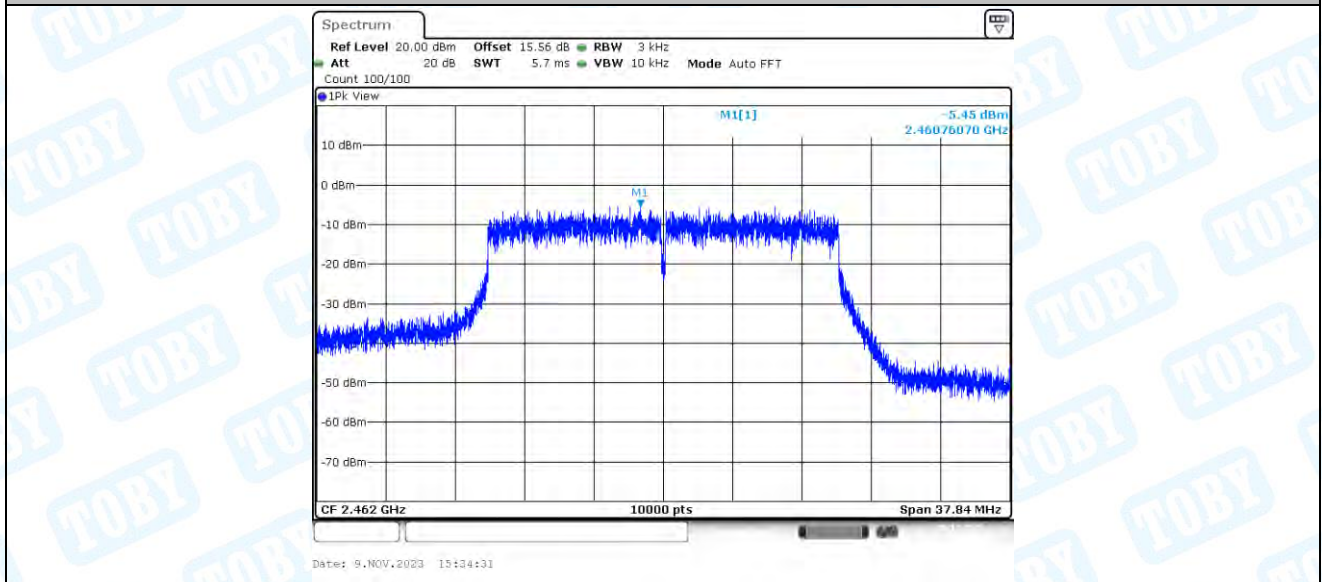
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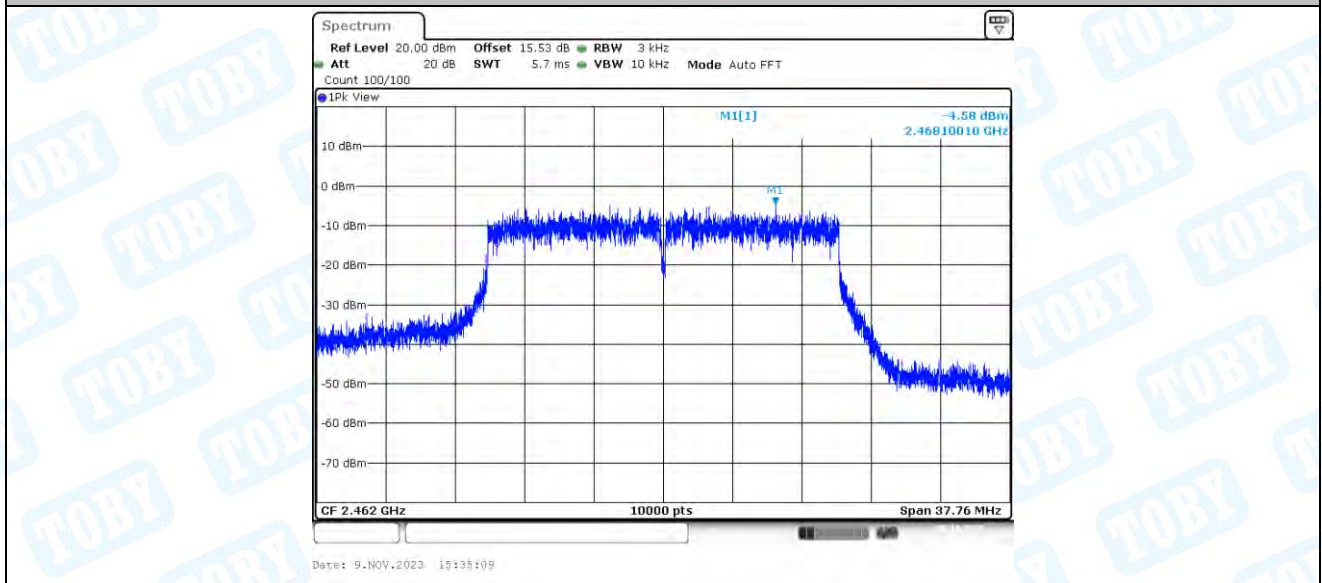
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11AX20-CDD_Ant1_2462



11AX20-CDD_Ant2_2462



11AX40-CDD_Ant1_2422