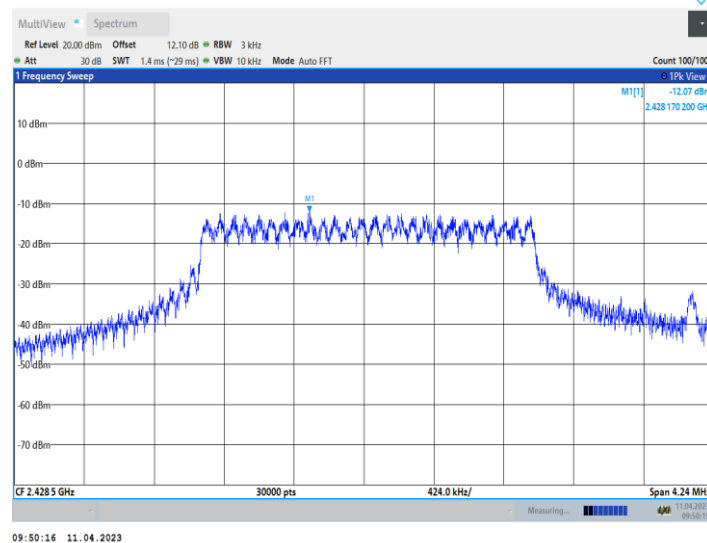
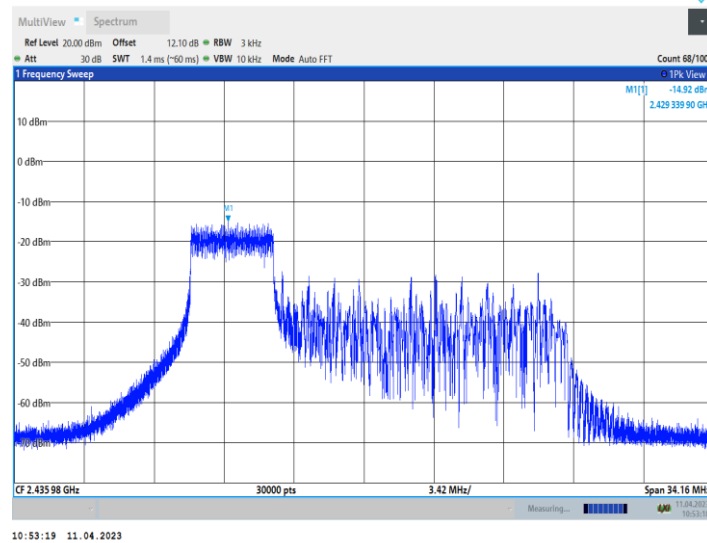
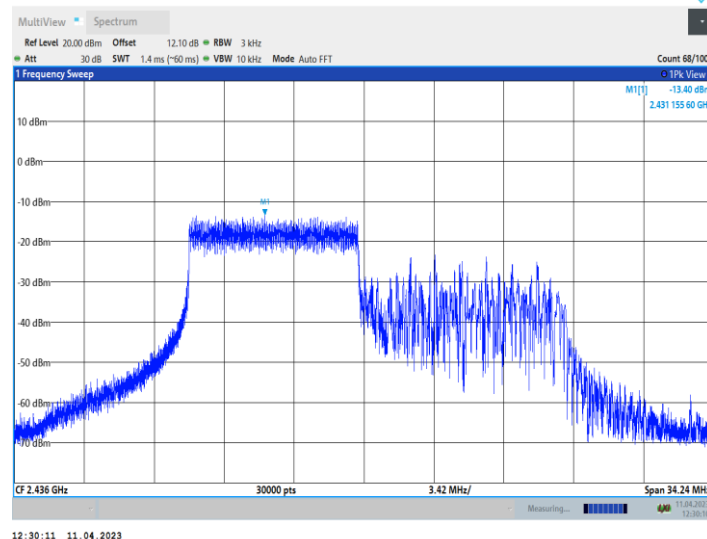




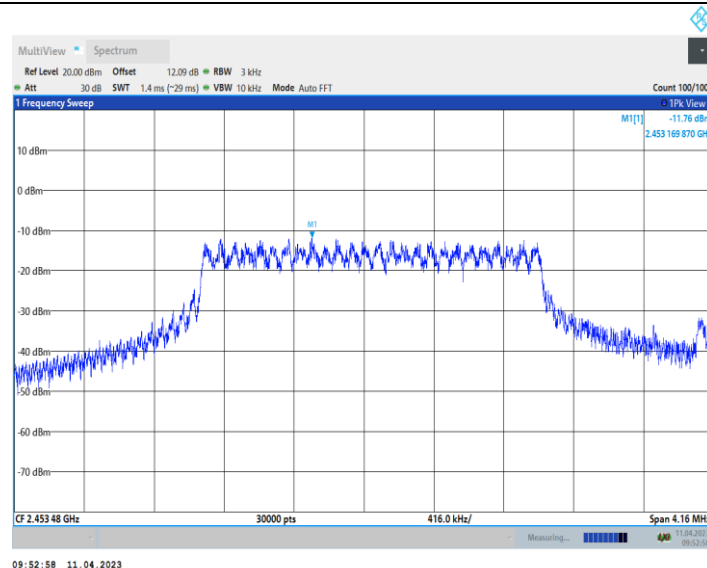
11AX20_Ant10_2437_52Tone_RU37



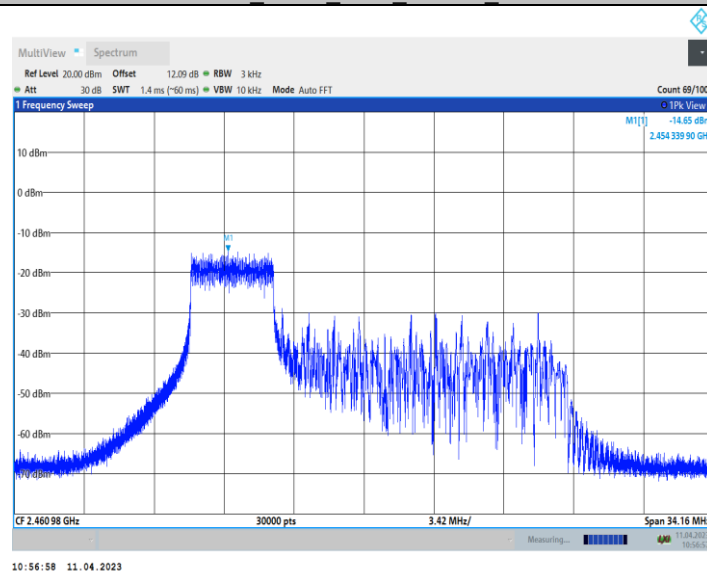
11AX20_Ant10_2437_106Tone_RU53



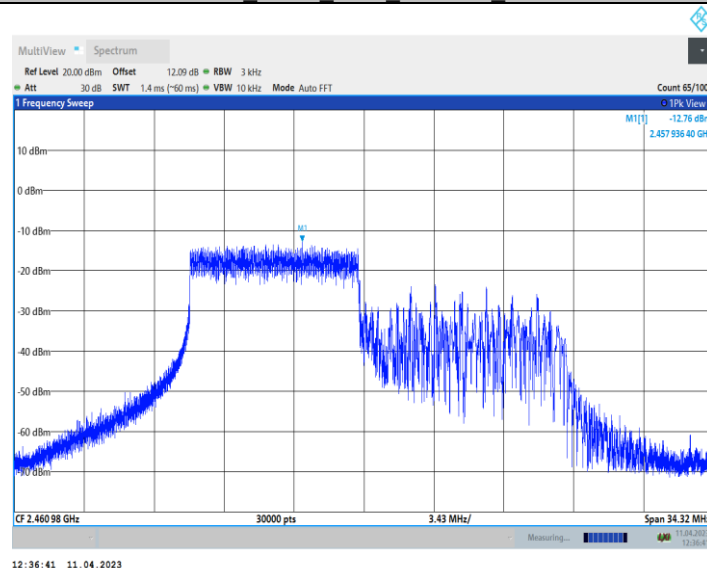
11AX20_Ant10_2462_26Tone_RU0



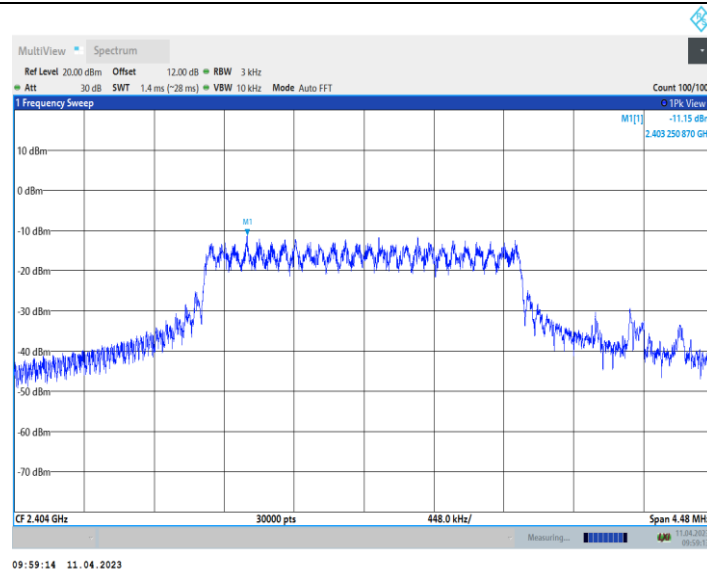
11AX20_Ant10_2462_52Tone_RU37



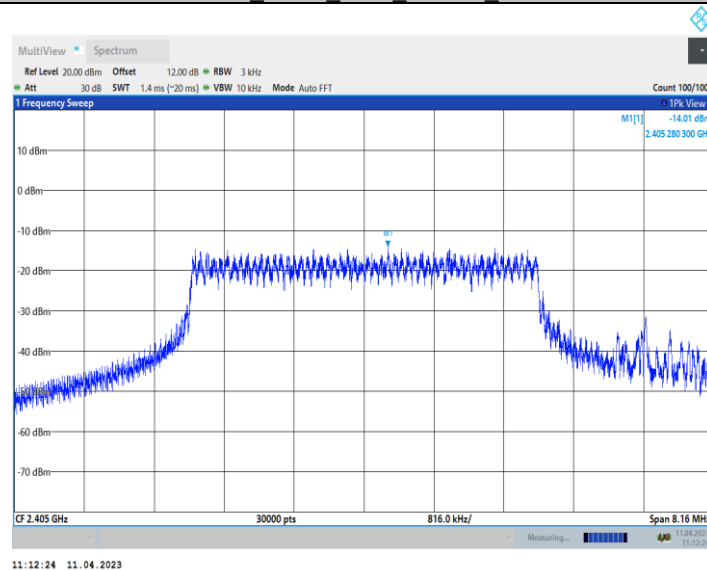
11AX20_Ant10_2462_106Tone_RU53



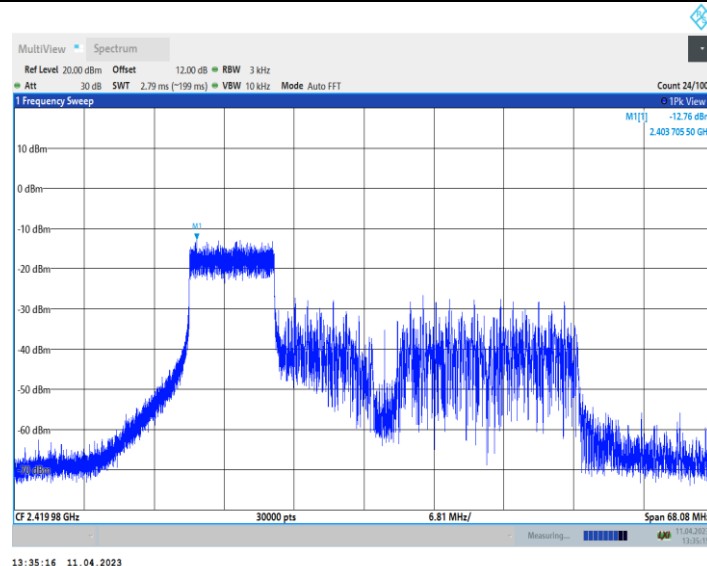
11AX40_Ant10_2422_26Tone_RU0



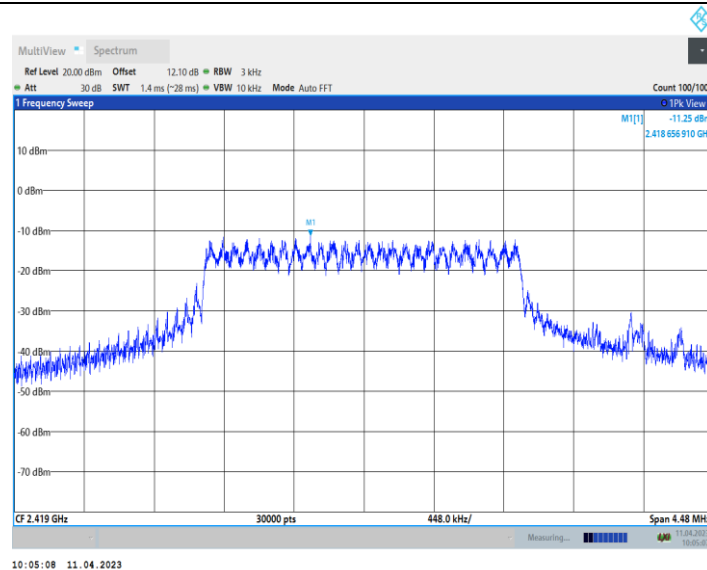
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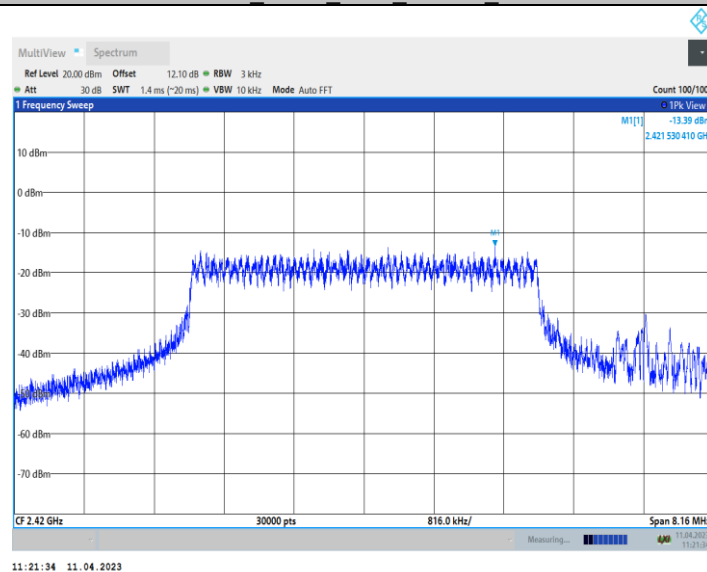
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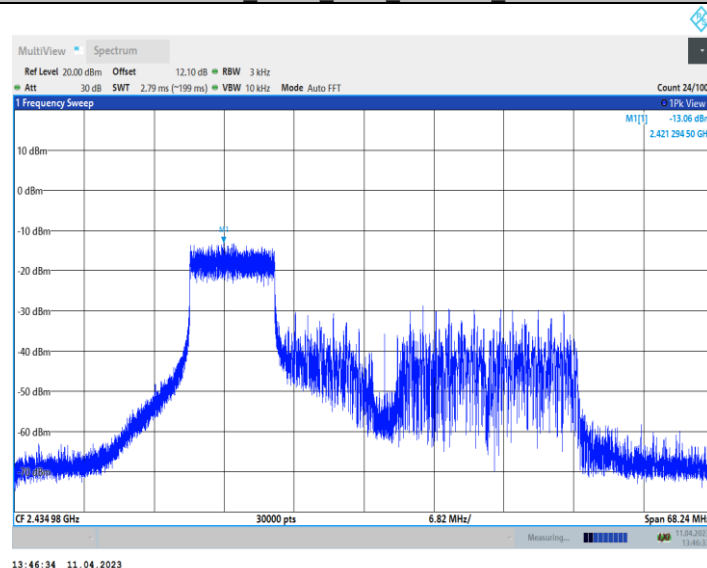
11AX40_Ant10_2437_26Tone_RU0



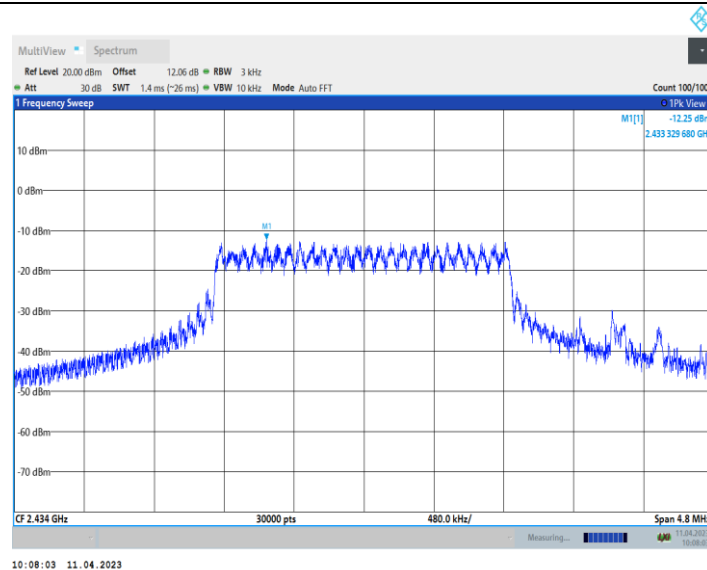
11AX40_Ant10_2437_52Tone_RU37



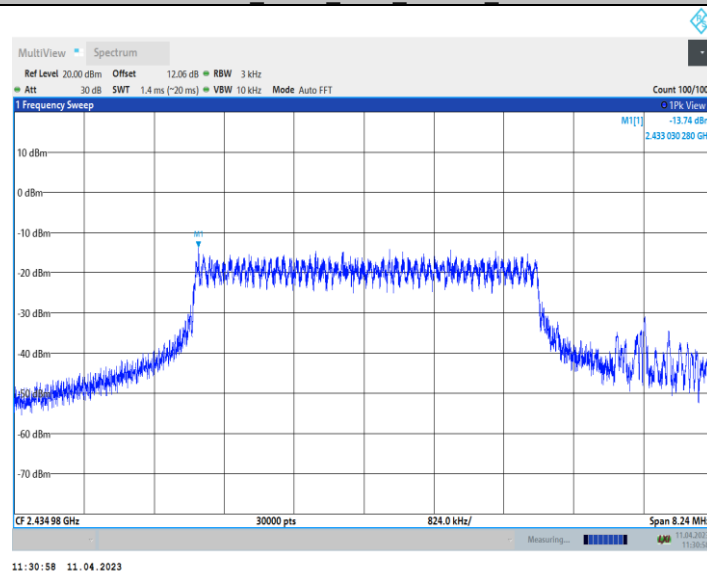
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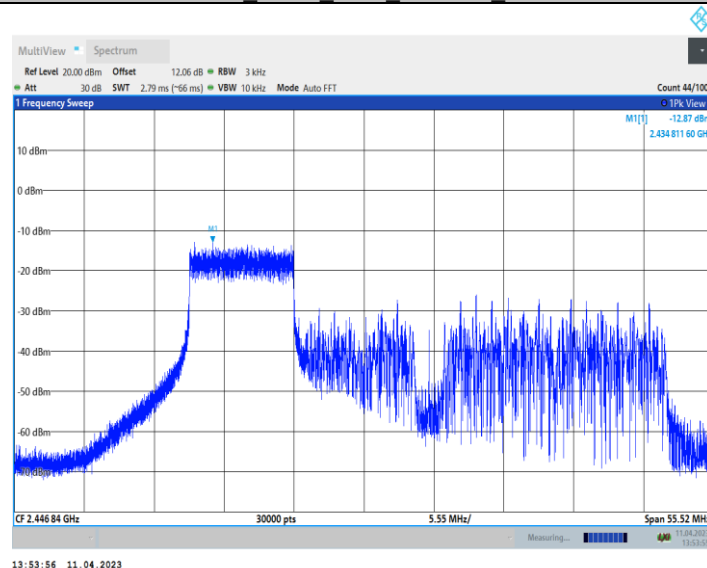
11AX40_Ant10_2452_26Tone_RU0



11AX40_Ant10_2452_52Tone_RU37



11AX40_Ant10_2452_106Tone_RU53



9. CONDUCTED BANDEGE AND SPURIOUS MEASURMENT

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.

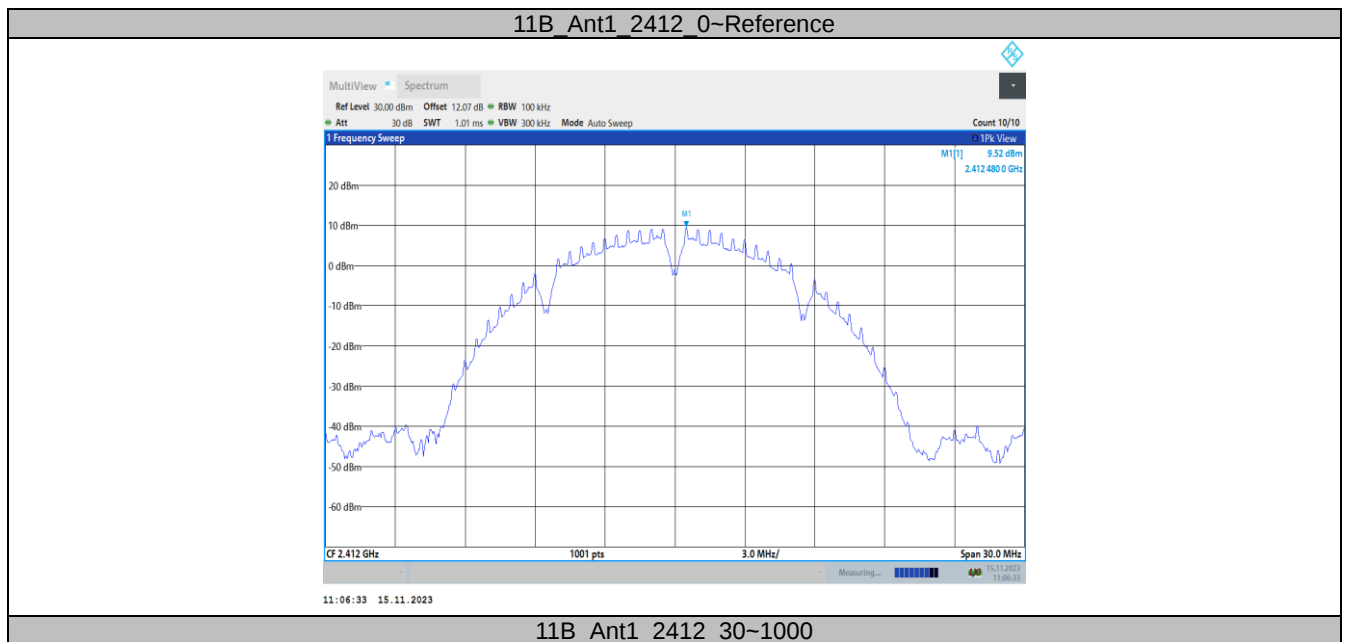
Test Result : All emission outside of 2400-2483.5 are lower at least 20dB than fundamental frequency.

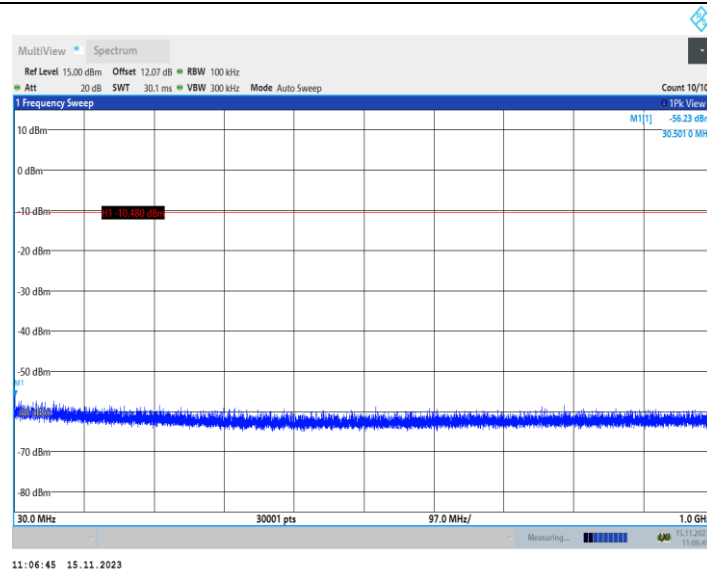
9.3.TEST DATA

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	9.52	9.52	---	PASS
			30~1000	9.52	-56.23	≤-10.48	PASS
			1000~26500	9.52	-27.54	≤-10.48	PASS
	Ant2	2412	Reference	9.67	9.67	---	PASS
			30~1000	9.67	-56.47	≤-10.33	PASS
			1000~26500	9.67	-27.75	≤-10.33	PASS
	Ant1	2437	Reference	9.02	9.02	---	PASS
			30~1000	9.02	-56.8	≤-10.98	PASS
			1000~26500	9.02	-27.34	≤-10.98	PASS
	Ant2	2437	Reference	9.97	9.97	---	PASS
			30~1000	9.97	-57.38	≤-10.03	PASS
			1000~26500	9.97	-27.4	≤-10.03	PASS
	Ant1	2462	Reference	9.51	9.51	---	PASS
			30~1000	9.51	-56.1	≤-10.49	PASS
			1000~26500	9.51	-27.3	≤-10.49	PASS
	Ant2	2462	Reference	9.47	9.47	---	PASS
			30~1000	9.47	-57.03	≤-10.53	PASS
			1000~26500	9.47	-27.27	≤-10.53	PASS
11G	Ant1	2412	Reference	6.43	6.43	---	PASS
			30~1000	6.43	-57.51	≤-13.57	PASS
			1000~26500	6.43	-27.45	≤-13.57	PASS
	Ant2	2412	Reference	6.38	6.38	---	PASS
			30~1000	6.38	-57.34	≤-13.62	PASS
			1000~26500	6.38	-26.75	≤-13.62	PASS
	Ant1	2437	Reference	6.17	6.17	---	PASS
			30~1000	6.17	-57.17	≤-13.83	PASS
			1000~26500	6.17	-27.3	≤-13.83	PASS
	Ant2	2437	Reference	6.75	6.75	---	PASS
			30~1000	6.75	-55	≤-13.25	PASS
			1000~26500	6.75	-26.55	≤-13.25	PASS
	Ant1	2462	Reference	6.61	6.61	---	PASS
			30~1000	6.61	-51.74	≤-13.39	PASS
			1000~26500	6.61	-27.33	≤-13.39	PASS
	Ant2	2462	Reference	6.04	6.04	---	PASS
			30~1000	6.04	-53.54	≤-13.96	PASS
			1000~26500	6.04	-26.61	≤-13.96	PASS
11N20MIMO	Ant1	2412	Reference	6.48	6.48	---	PASS
			30~1000	6.48	-57.53	≤-13.52	PASS
			1000~26500	6.48	-27.36	≤-13.52	PASS
	Ant2	2412	Reference	6.50	6.50	---	PASS
			30~1000	6.50	-56.75	≤-13.5	PASS
			1000~26500	6.50	-26.6	≤-13.5	PASS
	Ant1	2437	Reference	6.34	6.34	---	PASS
			30~1000	6.34	-57.61	≤-13.66	PASS
			1000~26500	6.34	-27.26	≤-13.66	PASS
	Ant2	2437	Reference	6.76	6.76	---	PASS
			30~1000	6.76	-49.41	≤-13.24	PASS
			1000~26500	6.76	-26.6	≤-13.24	PASS
	Ant1	2462	Reference	6.57	6.57	---	PASS
			30~1000	6.57	-54.69	≤-13.43	PASS
			1000~26500	6.57	-27.41	≤-13.43	PASS
	Ant2	2462	Reference	6.16	6.16	---	PASS
			30~1000	6.16	-48.46	≤-13.84	PASS
			1000~26500	6.16	-26.53	≤-13.84	PASS
11N40MIMO	Ant1	2422	Reference	3.63	3.63	---	PASS
			30~1000	3.63	-55.97	≤-16.37	PASS
			1000~26500	3.63	-41.35	≤-16.37	PASS
	Ant2	2422	Reference	3.89	3.89	---	PASS
			30~1000	3.89	-56.4	≤-16.11	PASS
			1000~26500	3.89	-41.73	≤-16.11	PASS
	Ant1	2437	Reference	4.58	4.58	---	PASS

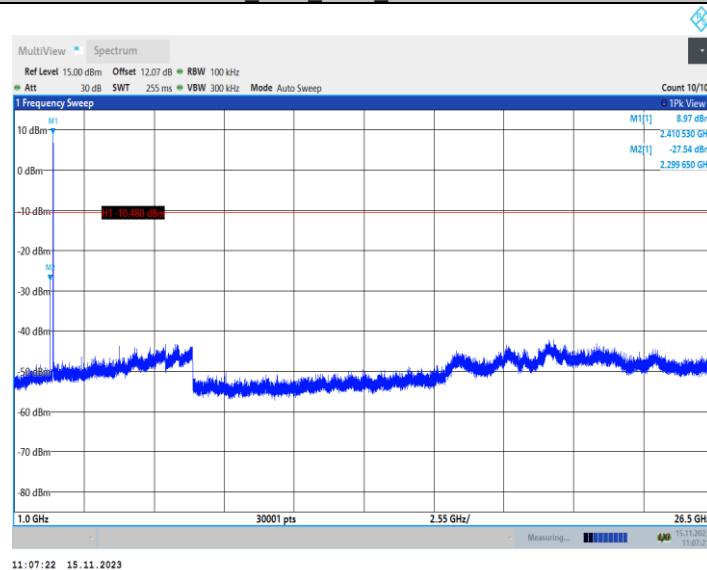
	Ant2	2437	30~1000	4.58	-56.68	≤ -15.42	PASS
			1000~26500	4.58	-41.83	≤ -15.42	PASS
			Reference	4.57	4.57	---	PASS
			30~1000	4.57	-56.52	≤ -15.43	PASS
			1000~26500	4.57	-40.34	≤ -15.43	PASS
			Reference	3.54	3.54	---	PASS
	Ant1	2452	30~1000	3.54	-57.45	≤ -16.46	PASS
			1000~26500	3.54	-27.43	≤ -16.46	PASS
			Reference	5.33	5.33	---	PASS
	Ant2	2452	30~1000	5.33	-56.69	≤ -14.67	PASS
			1000~26500	5.33	-26.55	≤ -14.67	PASS
			Reference	5.64	5.64	---	PASS
11AC20MIMO	Ant1	2412	30~1000	5.64	-56.95	≤ -14.36	PASS
			1000~26500	5.64	-40.61	≤ -14.36	PASS
			Reference	5.44	5.44	---	PASS
	Ant2	2412	30~1000	5.44	-50.49	≤ -14.56	PASS
			1000~26500	5.44	-51.11	≤ -14.56	PASS
			Reference	5.64	5.64	---	PASS
	Ant1	2437	30~1000	5.64	-39.47	≤ -14.36	PASS
			1000~26500	5.64	-51.68	≤ -14.36	PASS
			Reference	5.69	5.69	---	PASS
	Ant2	2437	30~1000	5.69	-57.81	≤ -14.31	PASS
			1000~26500	5.69	-40.78	≤ -14.31	PASS
			Reference	5.74	5.74	---	PASS
	Ant1	2462	30~1000	5.74	-56.24	≤ -14.26	PASS
			1000~26500	5.74	-40.76	≤ -14.26	PASS
			Reference	5.32	5.32	---	PASS
	Ant2	2462	30~1000	5.32	-55.96	≤ -14.68	PASS
			1000~26500	5.32	-41.03	≤ -14.68	PASS
			Reference	2.69	2.69	---	PASS
11AC40MIMO	Ant1	2422	30~1000	2.69	-57.36	≤ -17.31	PASS
			1000~26500	2.69	-41.14	≤ -17.31	PASS
			Reference	3.46	3.46	---	PASS
	Ant2	2422	30~1000	3.46	-55.41	≤ -16.54	PASS
			1000~26500	3.46	-51.29	≤ -16.54	PASS
			Reference	3.73	3.73	---	PASS
	Ant1	2437	30~1000	3.73	-56.24	≤ -16.27	PASS
			1000~26500	3.73	-51.49	≤ -16.27	PASS
			Reference	3.65	3.65	---	PASS
	Ant2	2437	30~1000	3.65	-57.54	≤ -16.35	PASS
			1000~26500	3.65	-40.39	≤ -16.35	PASS
			Reference	2.63	2.63	---	PASS
	Ant1	2452	30~1000	2.63	-57.15	≤ -17.37	PASS
			1000~26500	2.63	-40.82	≤ -17.37	PASS
			Reference	3.88	3.88	---	PASS
	Ant2	2452	30~1000	3.88	-57.27	≤ -16.12	PASS
			1000~26500	3.88	-40.75	≤ -16.12	PASS
			Reference	6.56	6.56	---	PASS
11AX20MIMO	Ant1	2412	30~1000	6.56	-57.38	≤ -13.44	PASS
			1000~26500	6.56	-40.43	≤ -13.44	PASS
			Reference	6.40	6.40	---	PASS
	Ant2	2412	30~1000	6.40	-57.62	≤ -13.6	PASS
			1000~26500	6.40	-41.56	≤ -13.6	PASS
			Reference	6.36	6.36	---	PASS
	Ant1	2437	30~1000	6.36	-57.64	≤ -13.64	PASS
			1000~26500	6.36	-41.39	≤ -13.64	PASS
			Reference	6.96	6.96	---	PASS
	Ant2	2437	30~1000	6.96	-56.47	≤ -13.04	PASS
			1000~26500	6.96	-40.79	≤ -13.04	PASS
			Reference	6.23	6.23	---	PASS
	Ant1	2462	30~1000	6.23	-57.05	≤ -13.77	PASS
			1000~26500	6.23	-41.14	≤ -13.77	PASS
			Reference	6.23	6.23	---	PASS
	Ant2	2462	30~1000	6.23	-57.05	≤ -13.77	PASS
			1000~26500	6.23	-41.14	≤ -13.77	PASS
			Reference	6.23	6.23	---	PASS

11AX40MIMO	Ant2	2462	Reference	6.12	6.12	---	PASS
			30~1000	6.12	-57.61	≤ -13.88	PASS
			1000~26500	6.12	-41.88	≤ -13.88	PASS
	Ant1	2422	Reference	3.30	3.30	---	PASS
			30~1000	3.30	-57.65	≤ -16.7	PASS
			1000~26500	3.30	-41.15	≤ -16.7	PASS
	Ant2	2422	Reference	4.24	4.24	---	PASS
			30~1000	4.24	-57.31	≤ -15.76	PASS
			1000~26500	4.24	-41.85	≤ -15.76	PASS
	Ant1	2437	Reference	3.59	3.59	---	PASS
			30~1000	3.59	-57.61	≤ -16.41	PASS
			1000~26500	3.59	-41.54	≤ -16.41	PASS
	Ant2	2437	Reference	4.08	4.08	---	PASS
			30~1000	4.08	-56.49	≤ -15.92	PASS
			1000~26500	4.08	-41.7	≤ -15.92	PASS
	Ant1	2452	Reference	3.15	3.15	---	PASS
			30~1000	3.15	-57.72	≤ -16.85	PASS
			1000~26500	3.15	-41.54	≤ -16.85	PASS
	Ant2	2452	Reference	5.27	5.27	---	PASS
			30~1000	5.27	-55.72	≤ -14.73	PASS
			1000~26500	5.27	-40.75	≤ -14.73	PASS

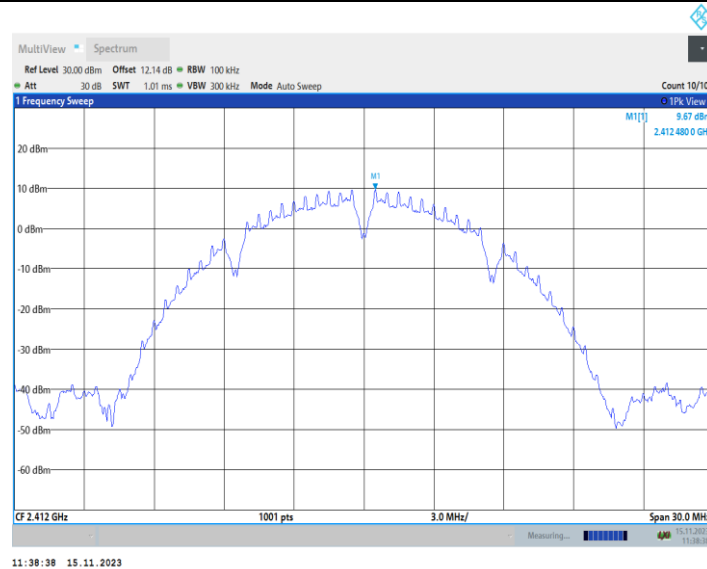




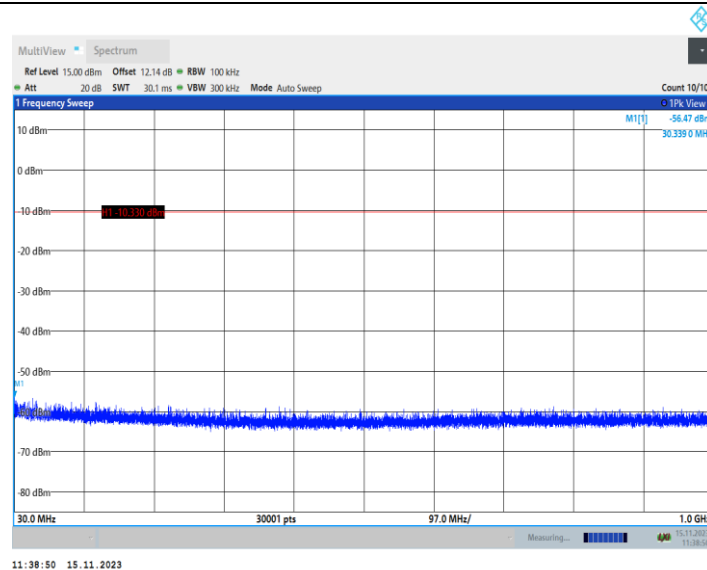
11B Ant1 2412 1000-26500



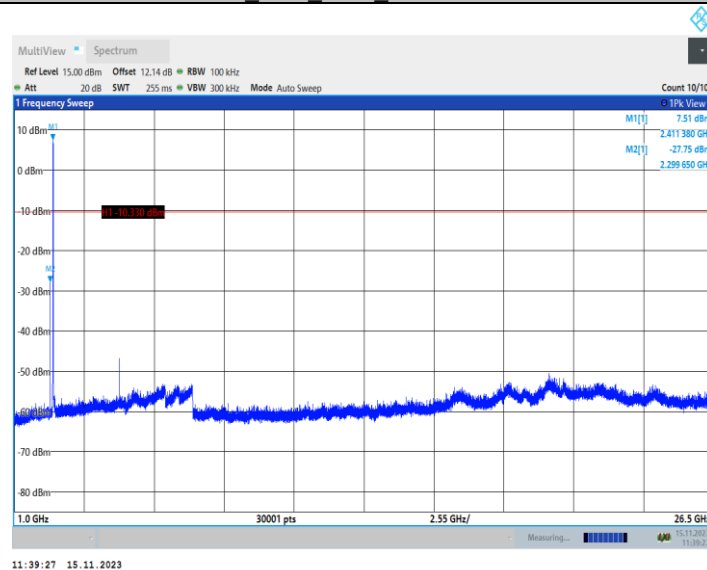
11B Ant2 2412 0-Reference



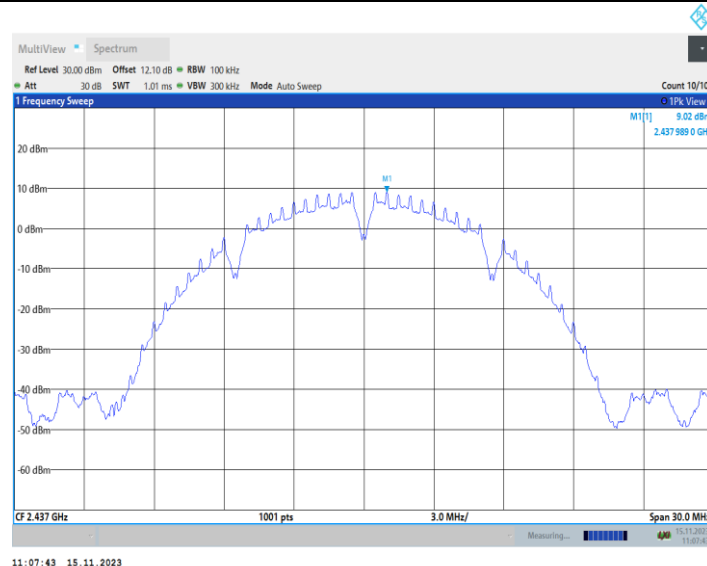
11B Ant2 2412 30-1000



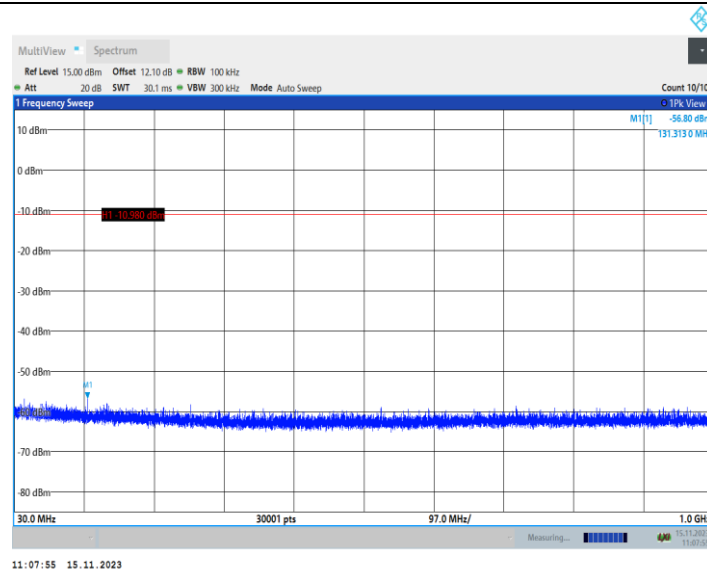
11B Ant2 2412_1000-26500



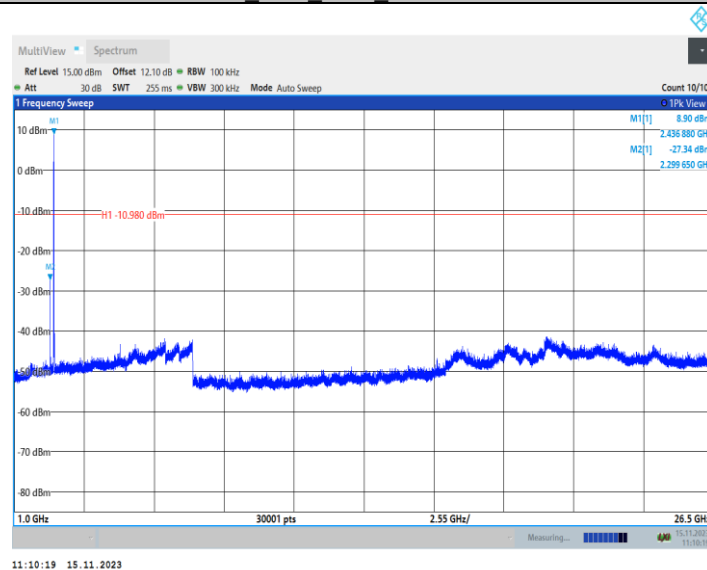
11B Ant1 2437_0-Reference



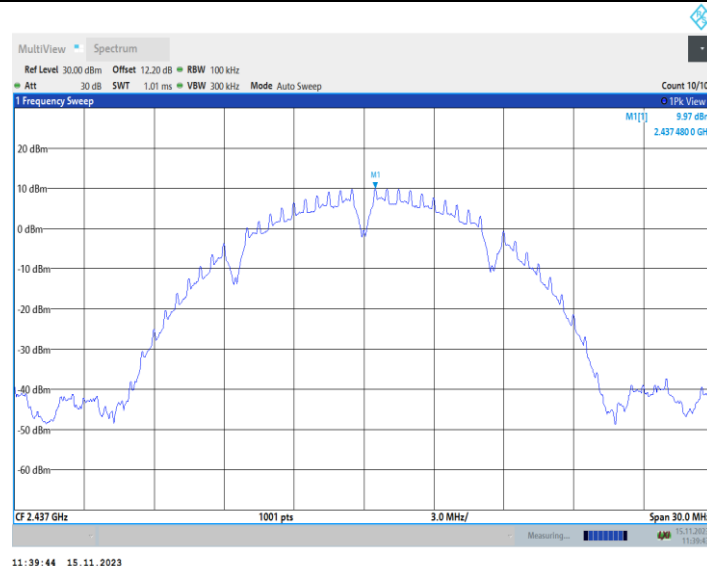
11B Ant1 2437_30-1000



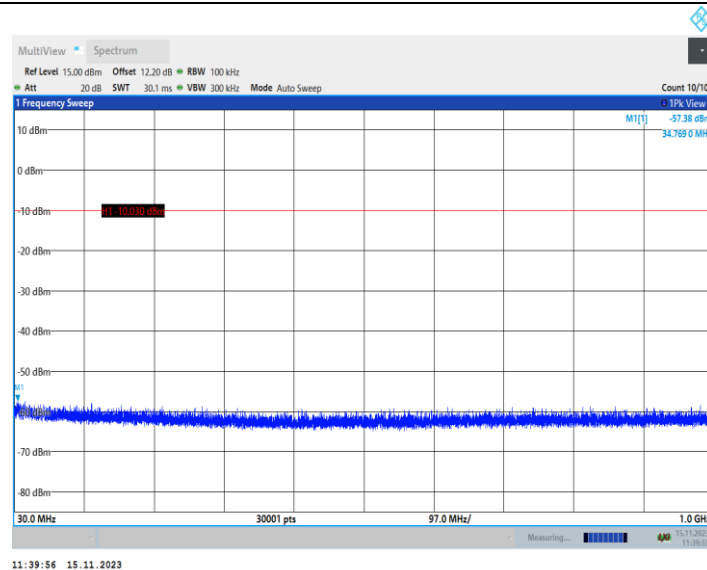
11B Ant1 2437_1000-26500



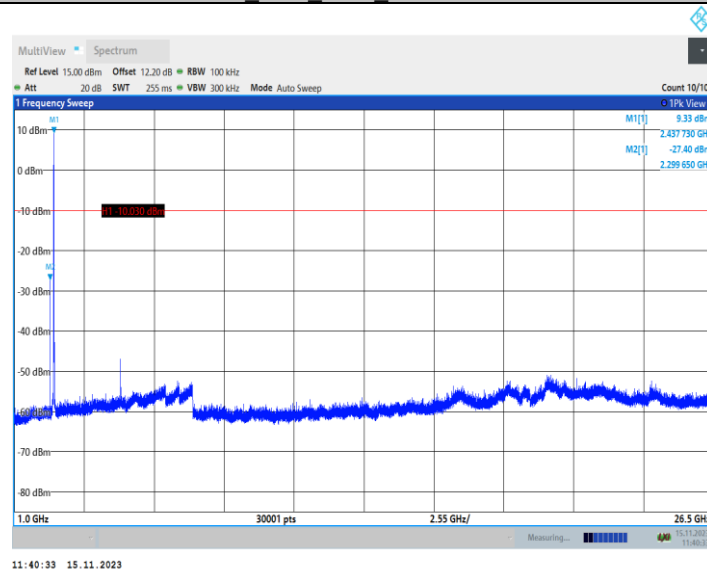
11B Ant2 2437_0-Reference



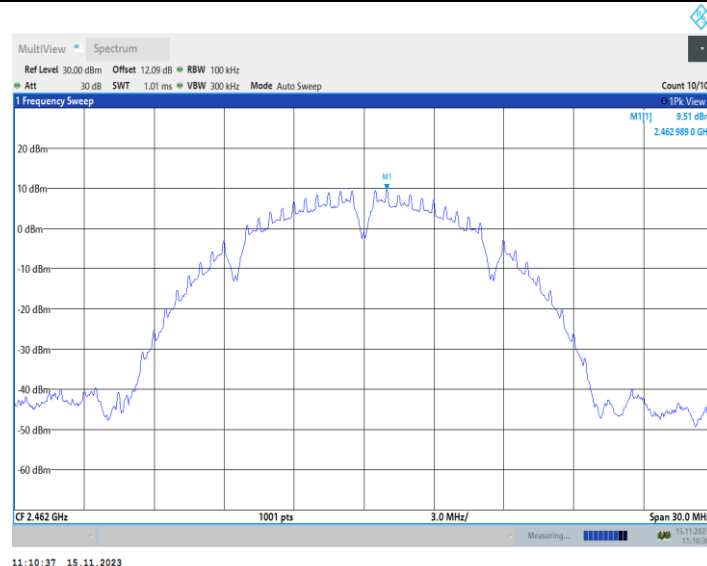
11B Ant2 2437_30-1000



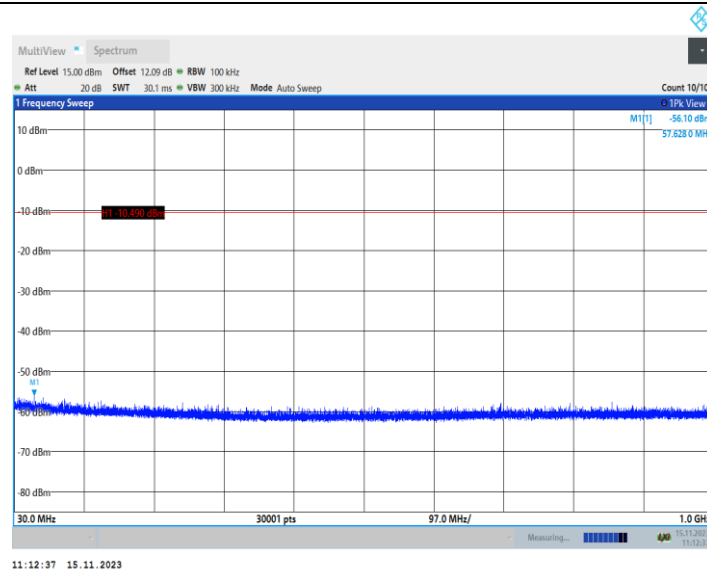
11B Ant2 2437_1000-26500



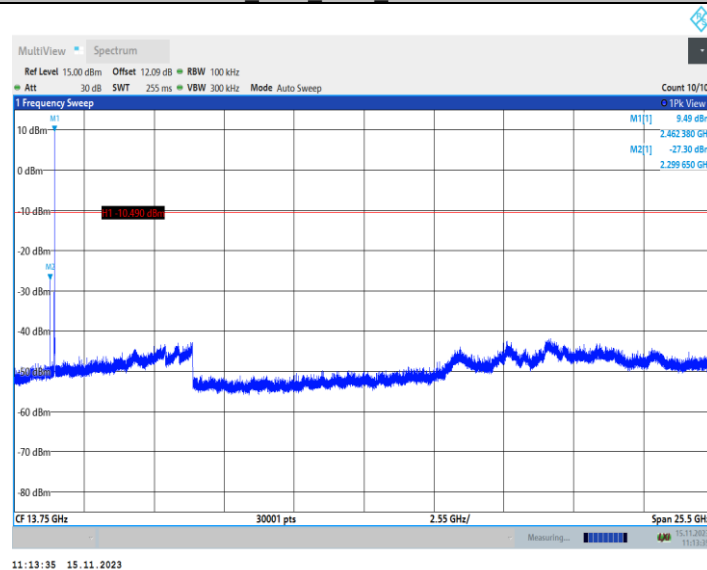
11B Ant1 2462_0-Reference



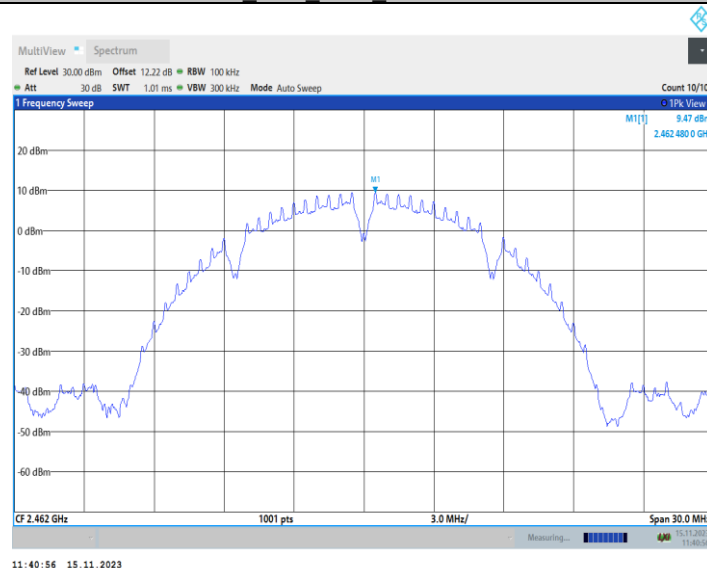
11B Ant1 2462_30-1000



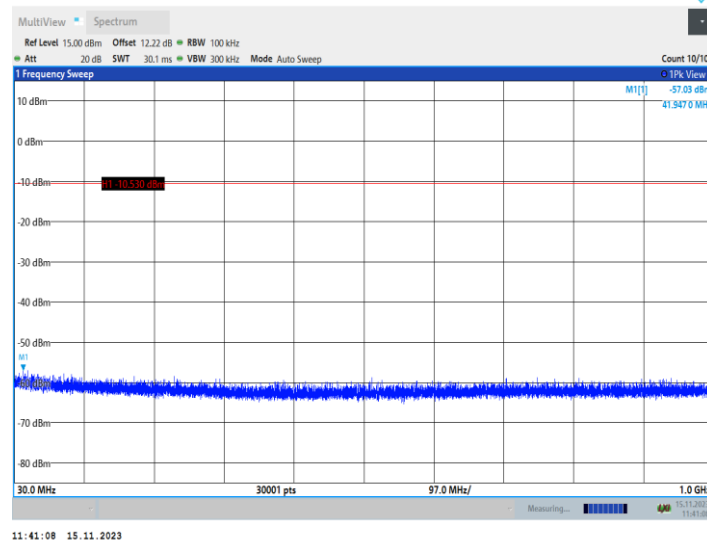
11B Ant1_2462_1000~26500



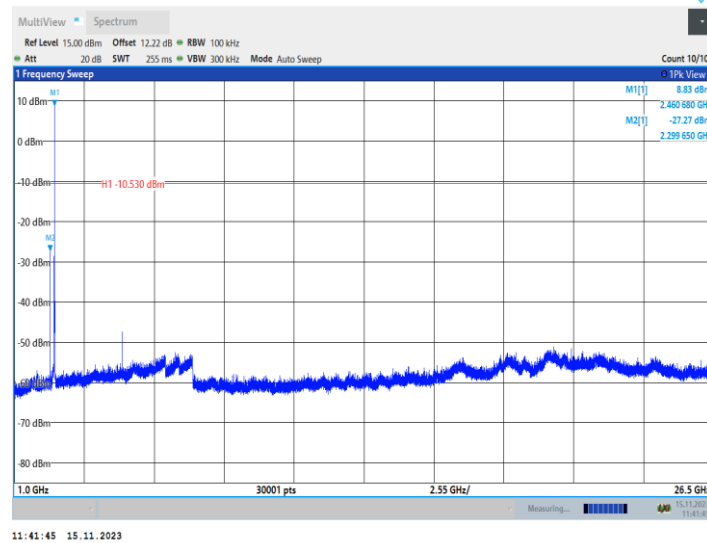
11B Ant2_2462_0~Reference



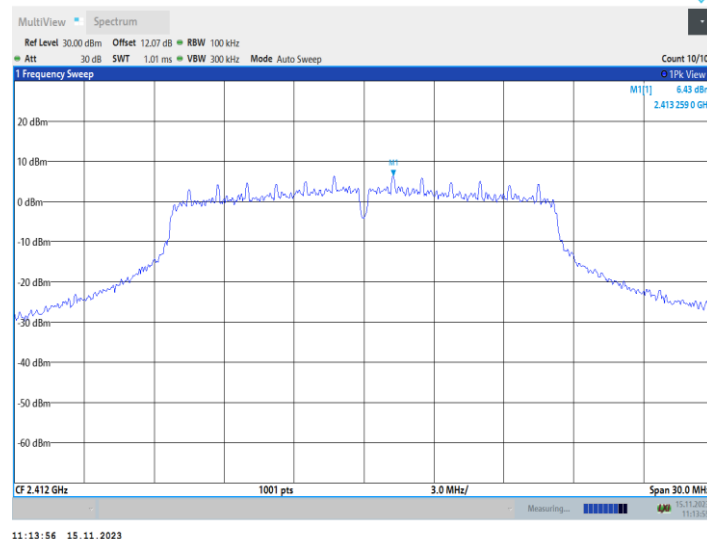
11B Ant2_2462_30~1000



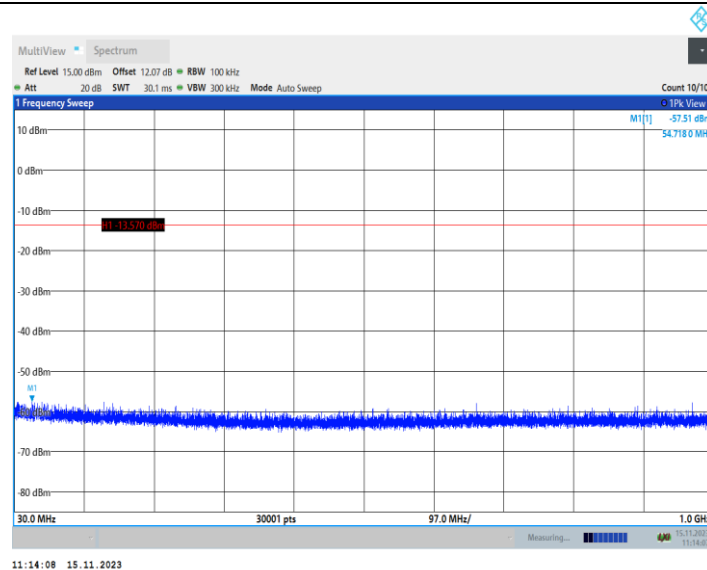
11B Ant2 2462 1000-26500



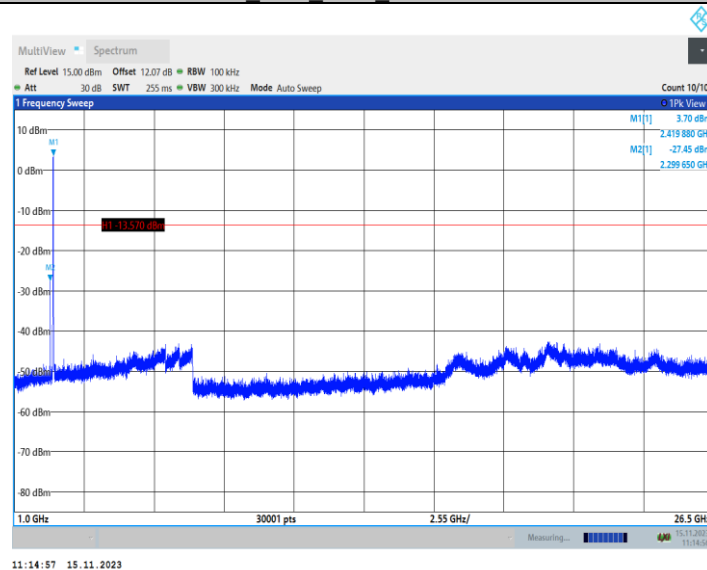
11G Ant1 2412 0-Reference



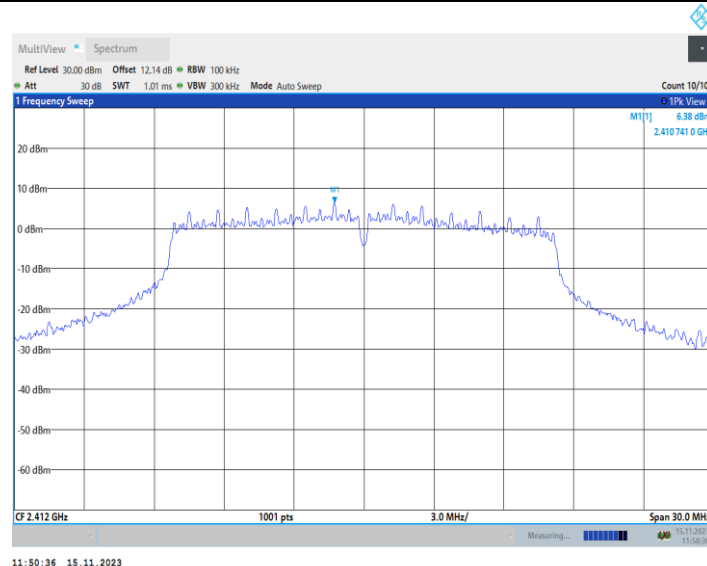
11G Ant1 2412 30-1000



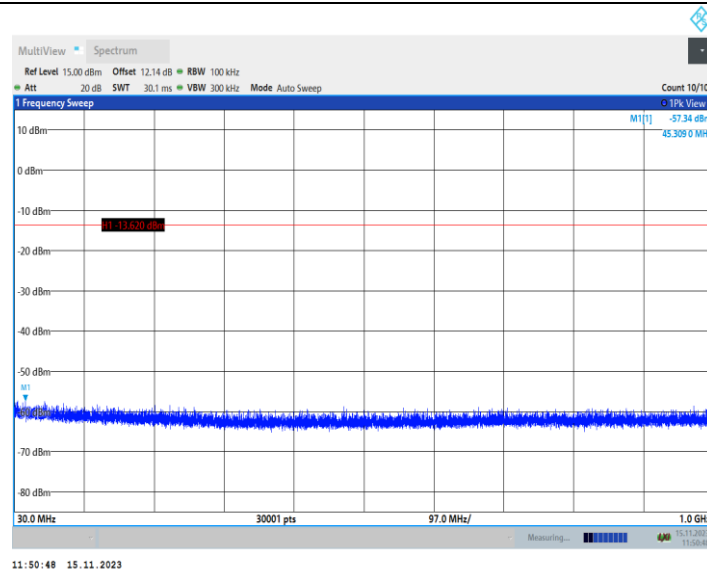
11G Ant1_2412_1000~26500



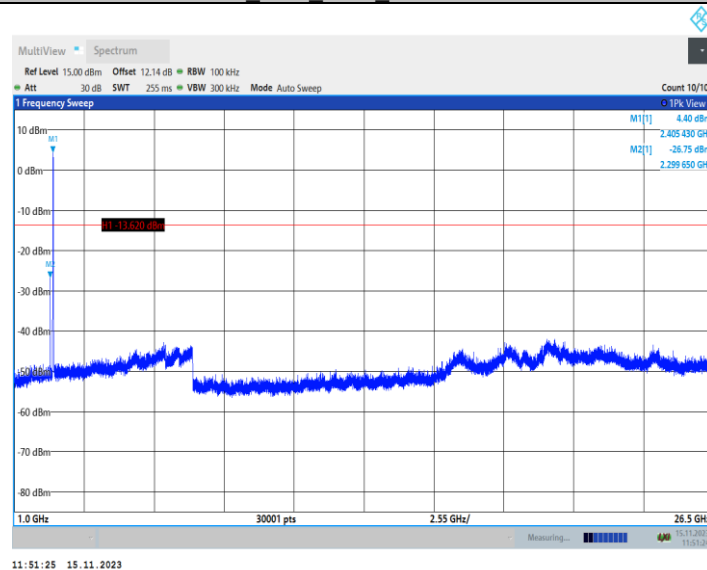
11G Ant2_2412_0~Reference



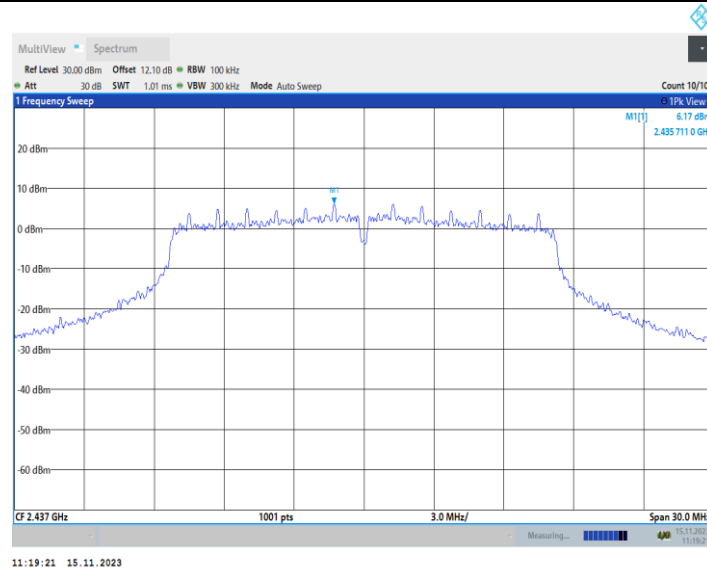
11G Ant2_2412_30~1000



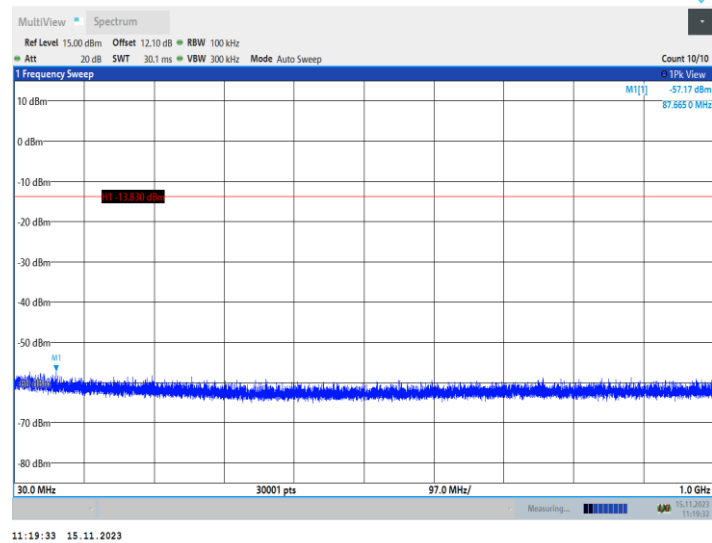
11G Ant2 2412_1000-26500



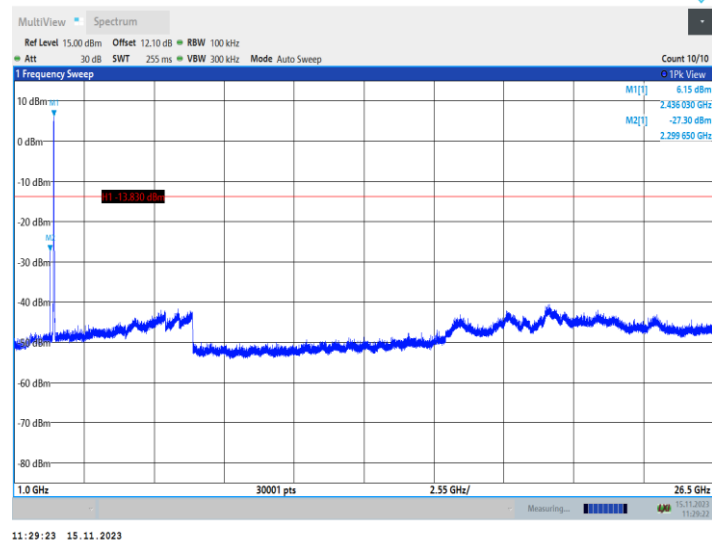
11G Ant1 2437_0-Reference



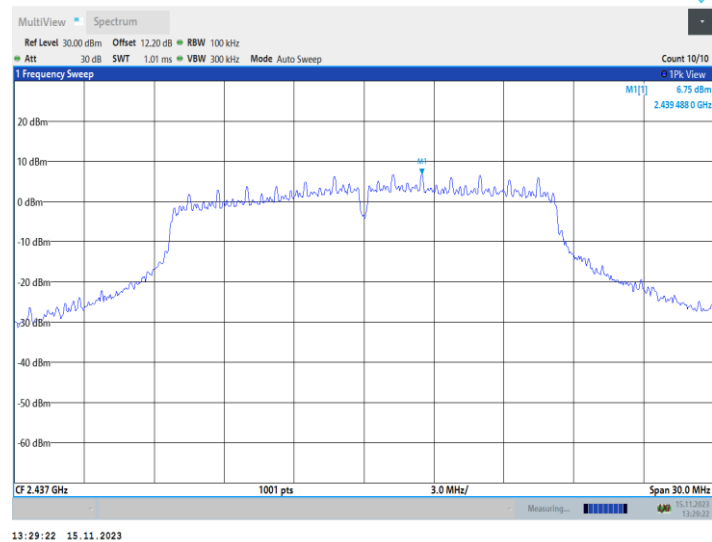
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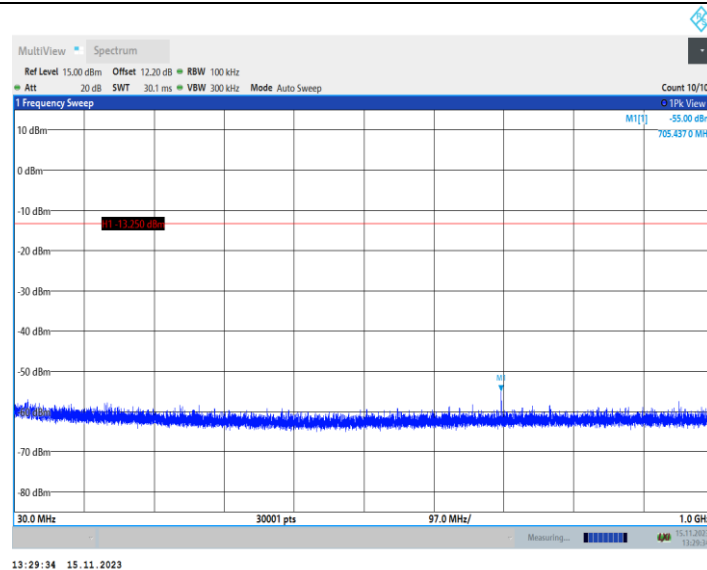
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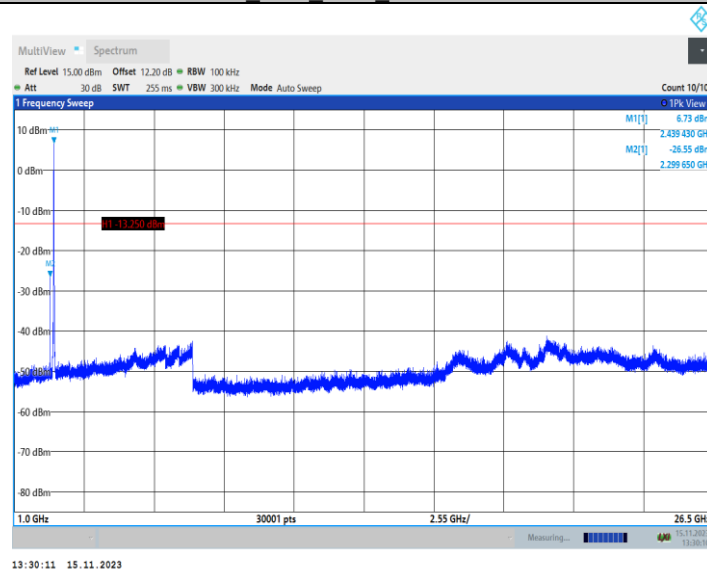
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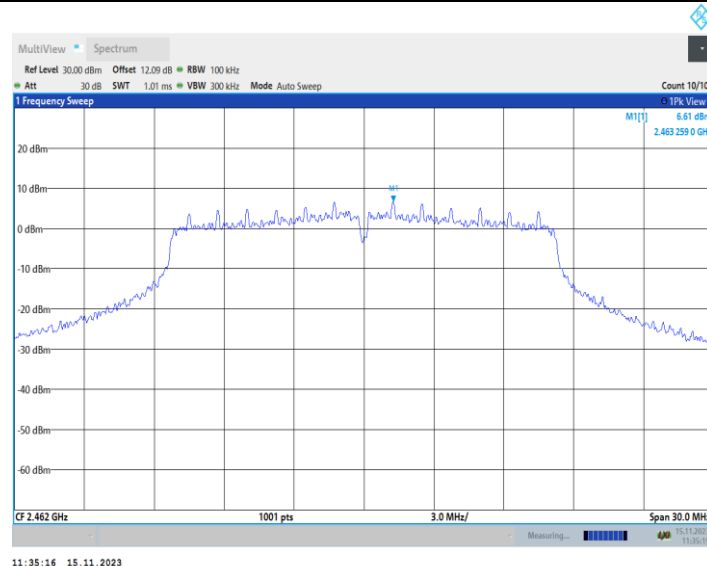
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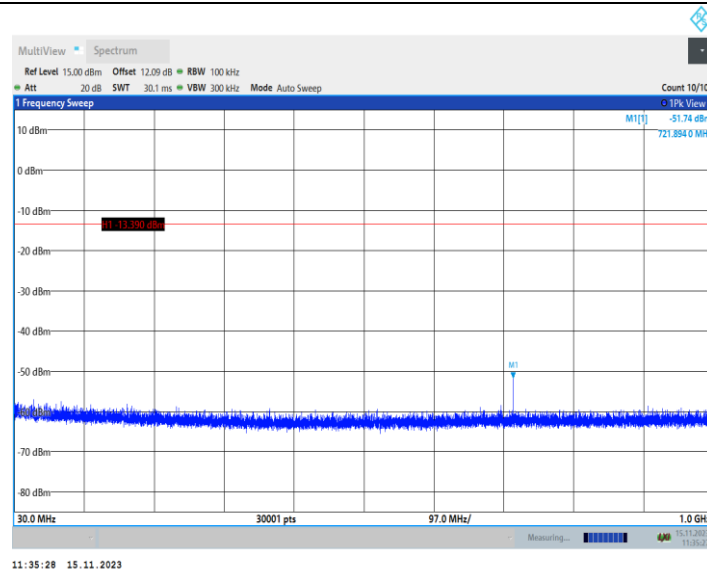
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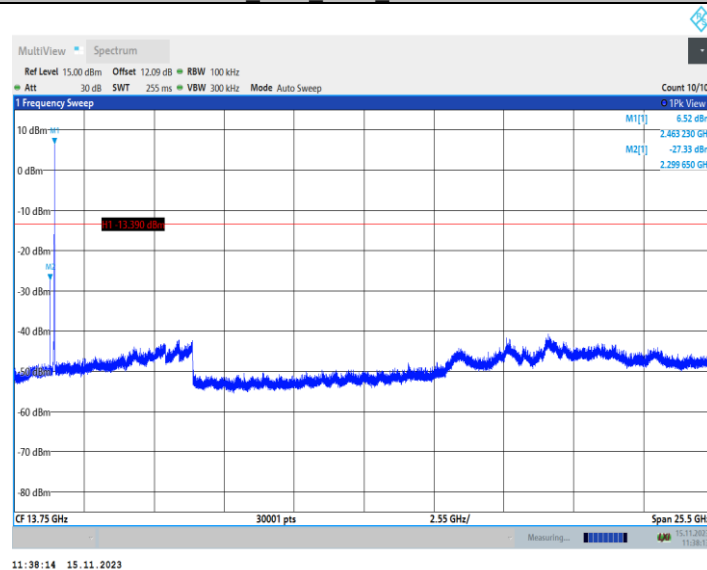
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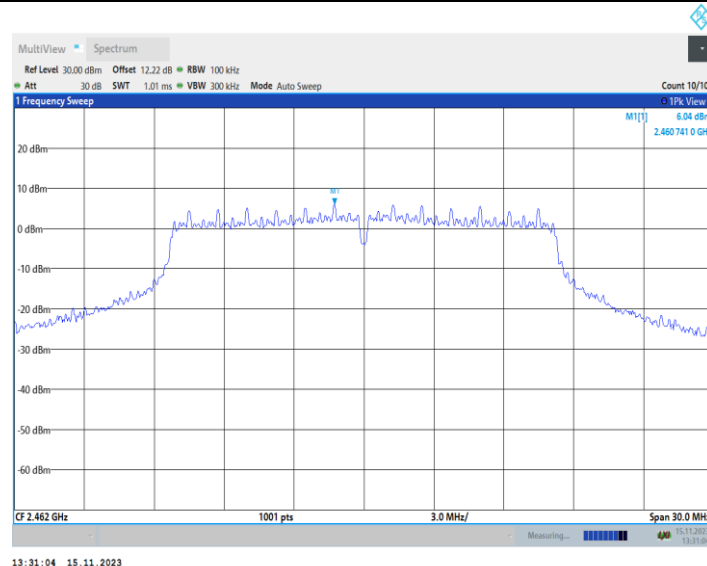
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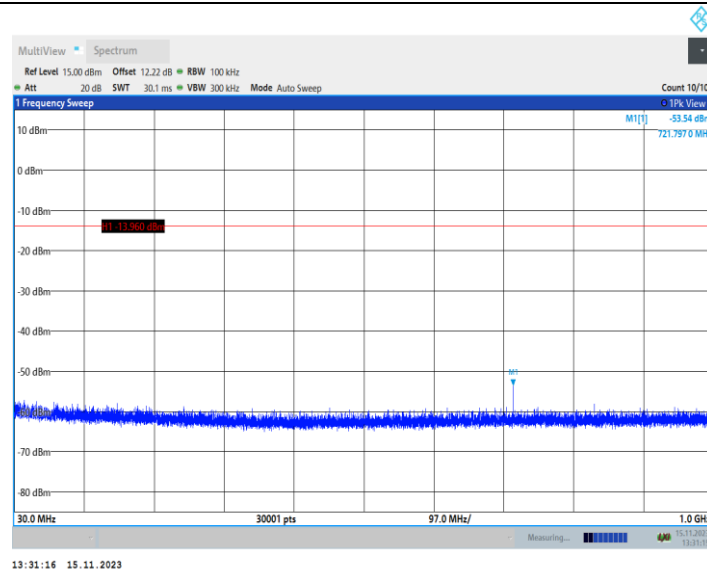
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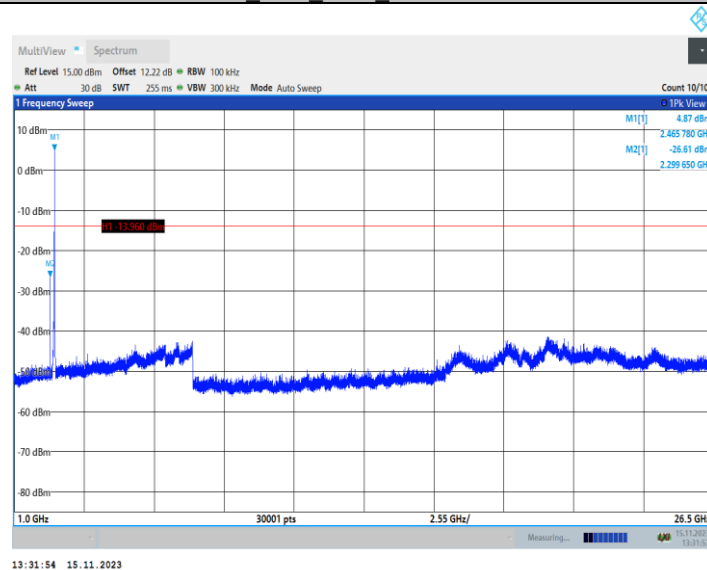
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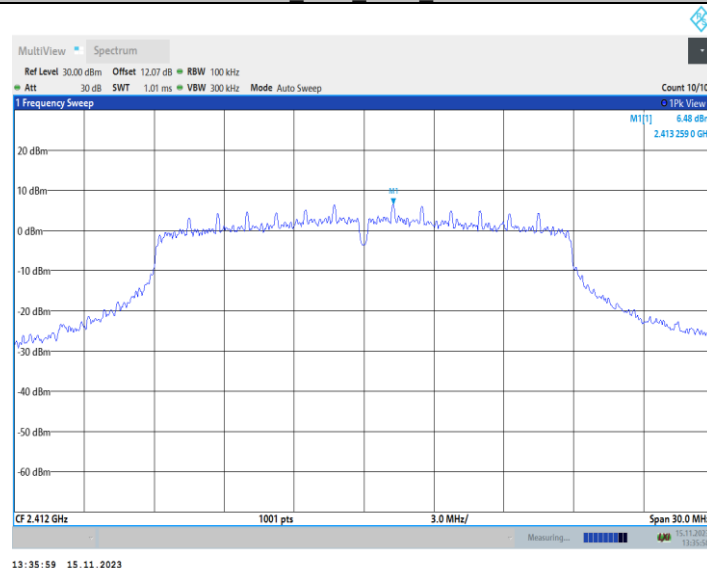
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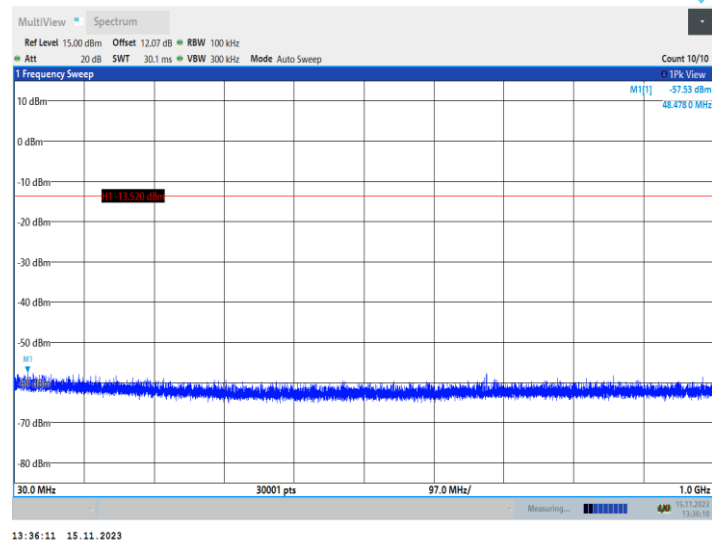
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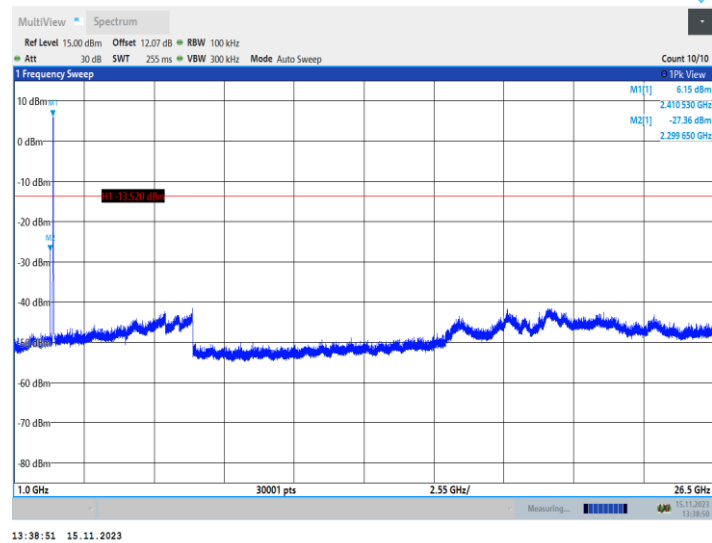
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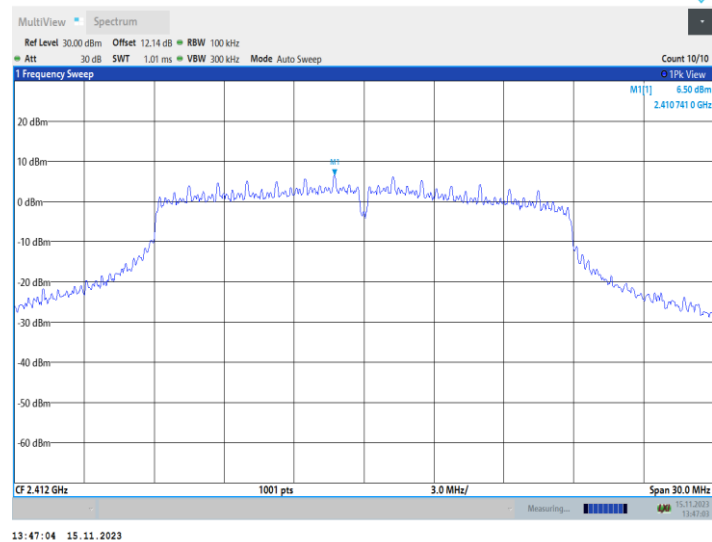
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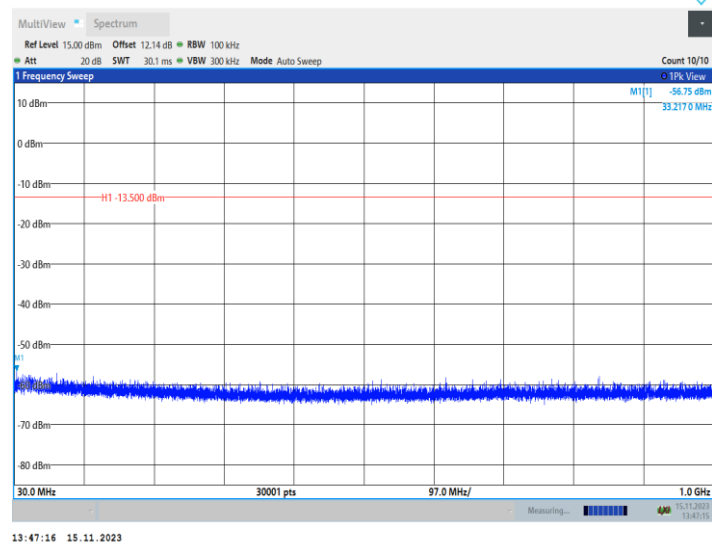
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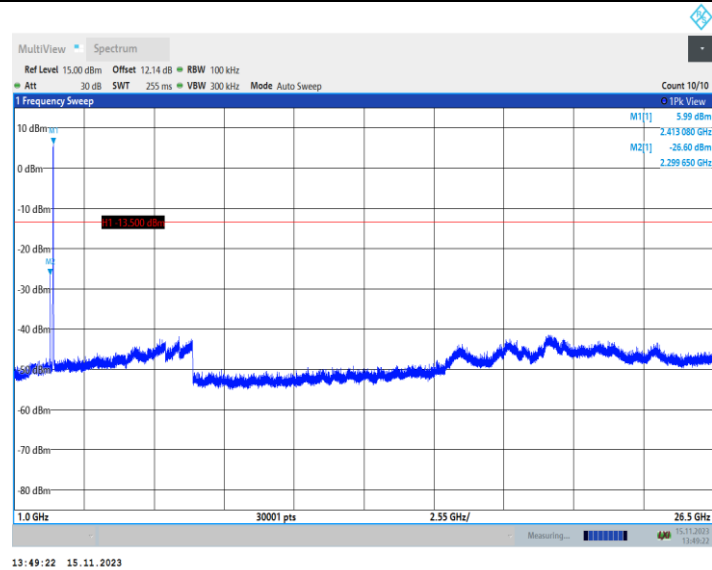
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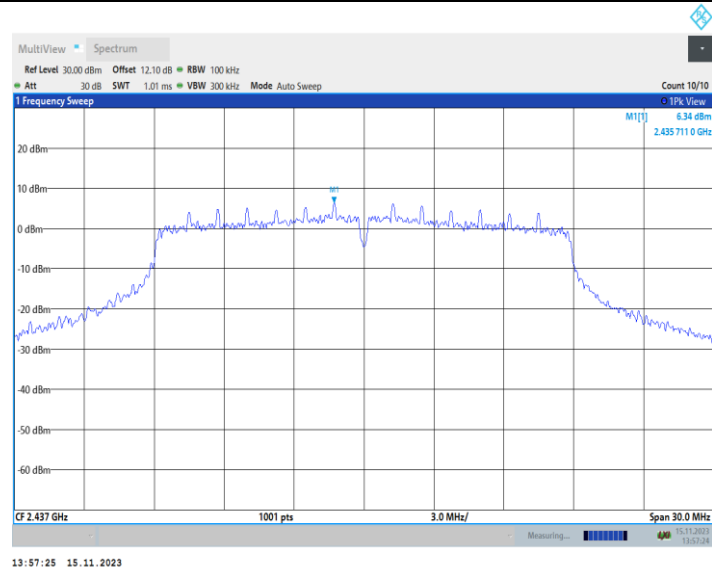
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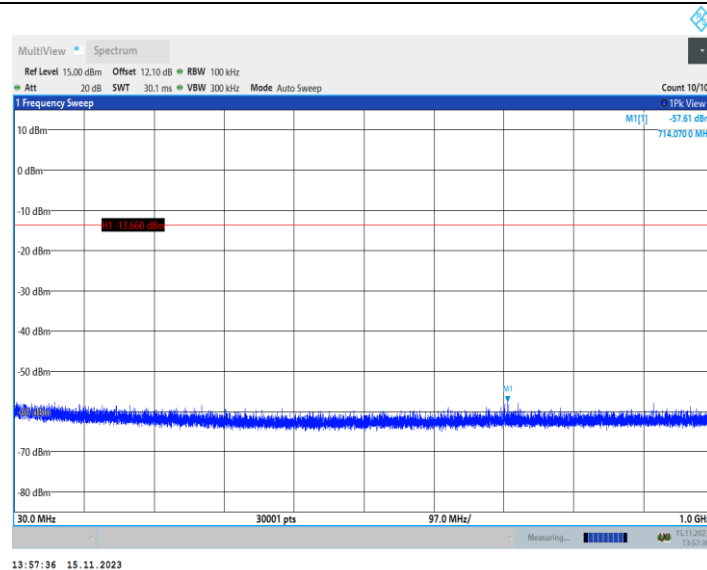
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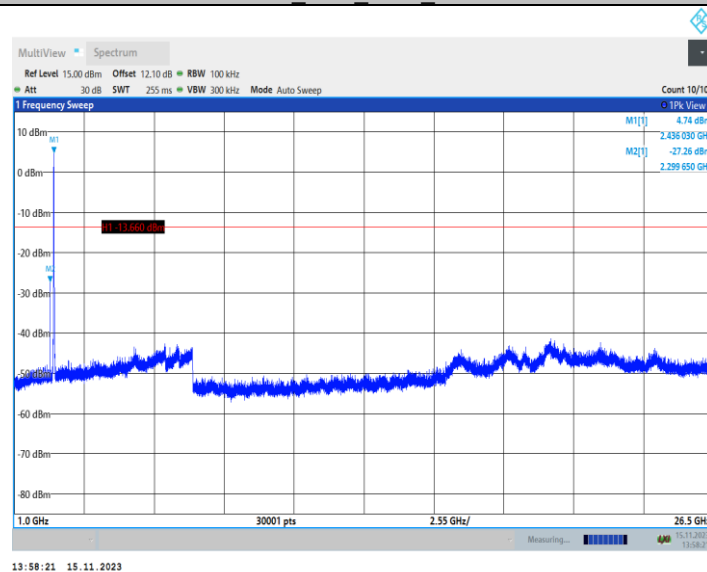
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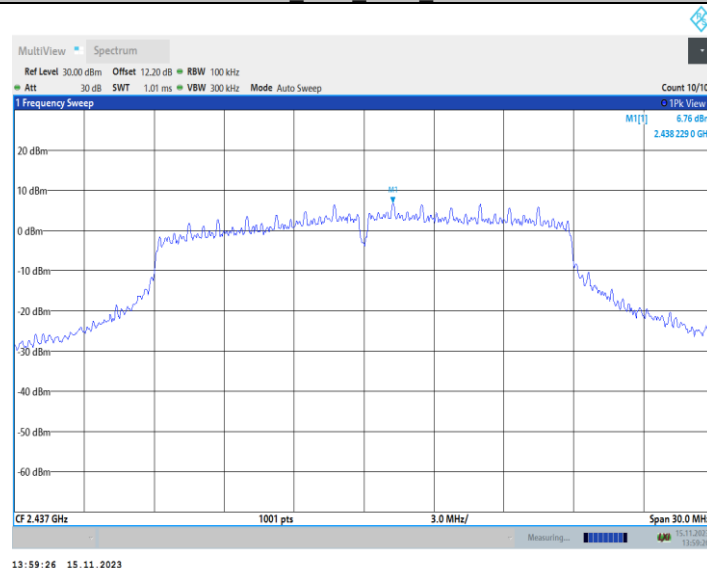
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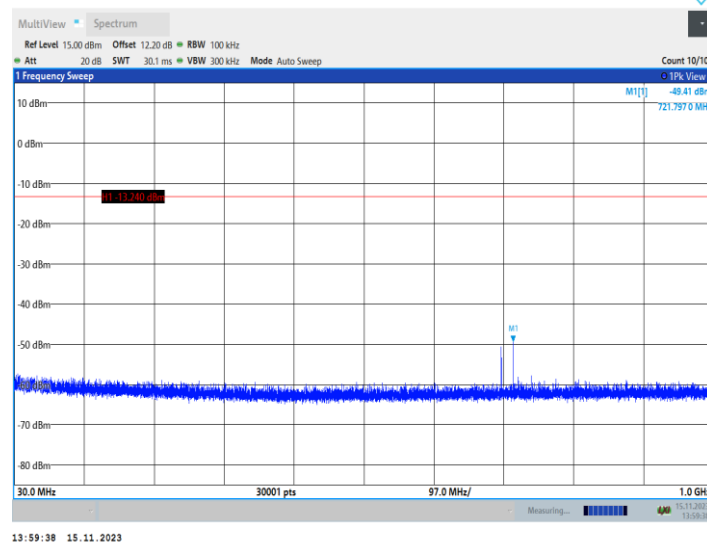
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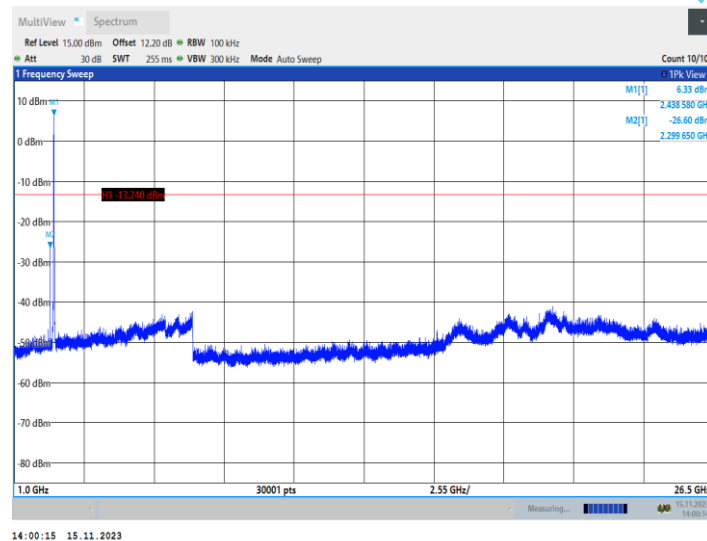
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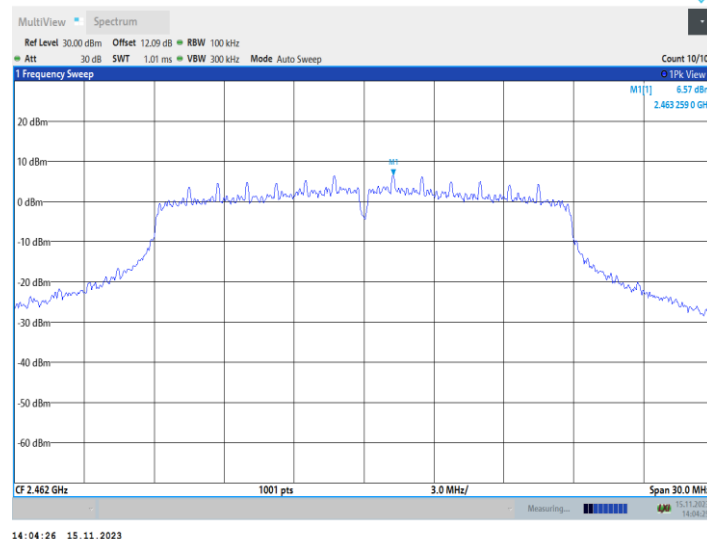
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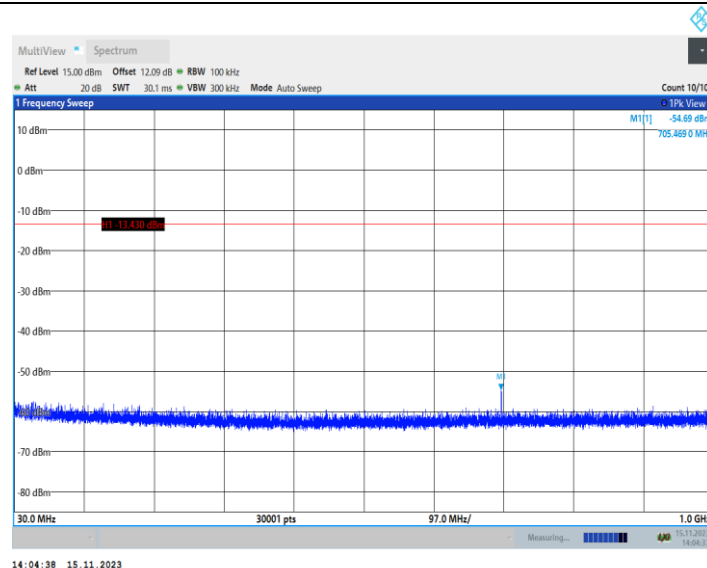
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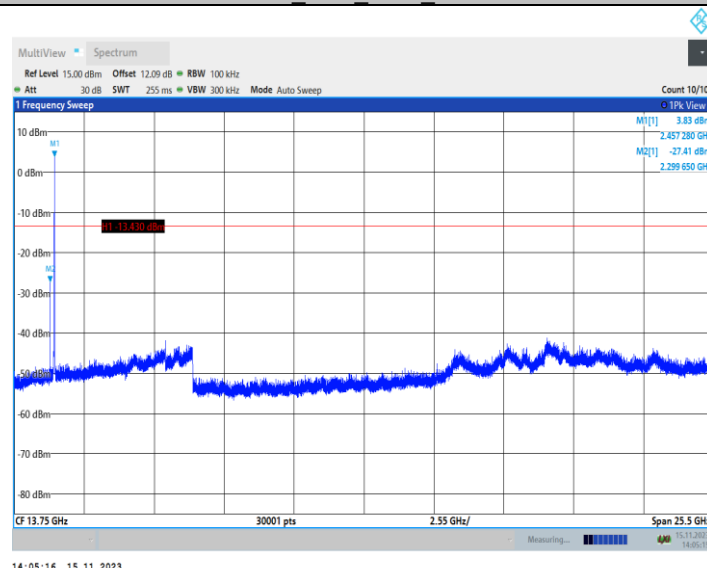
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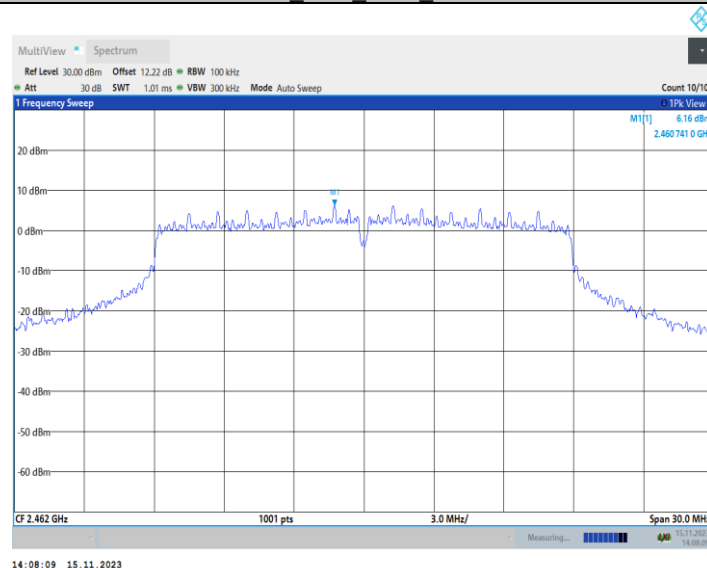
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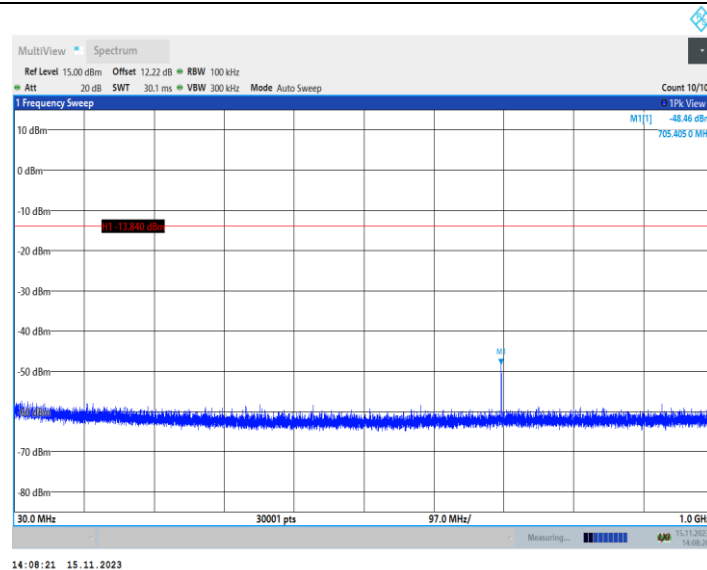
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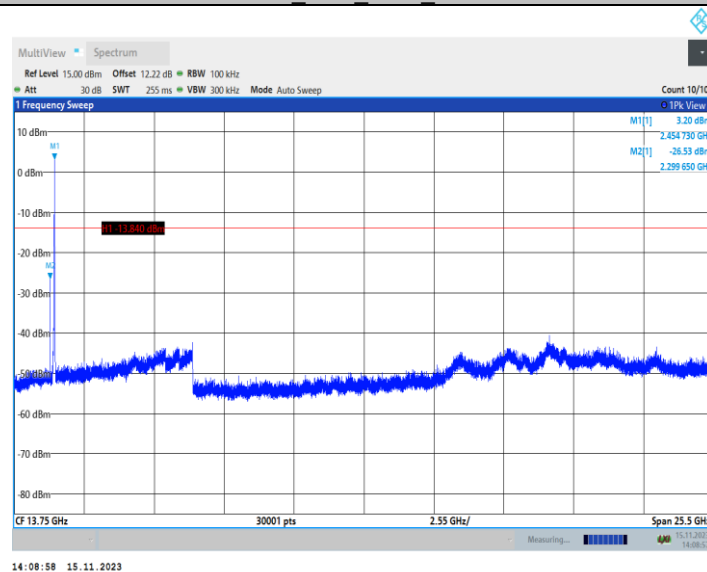
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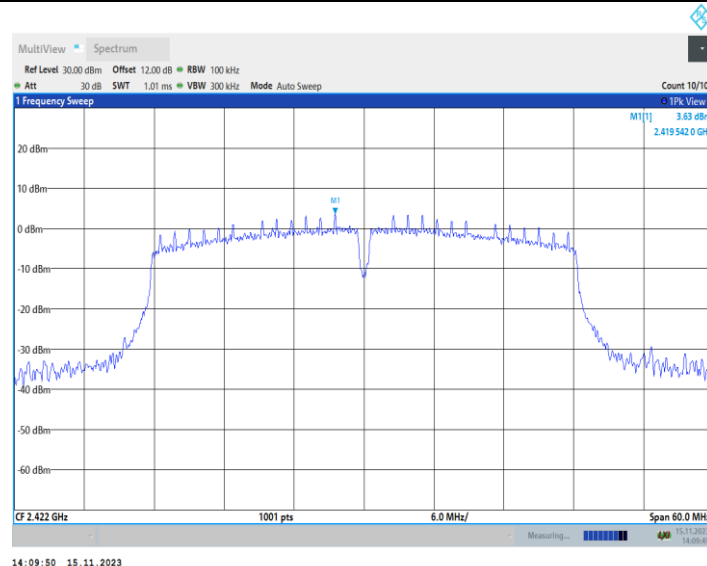
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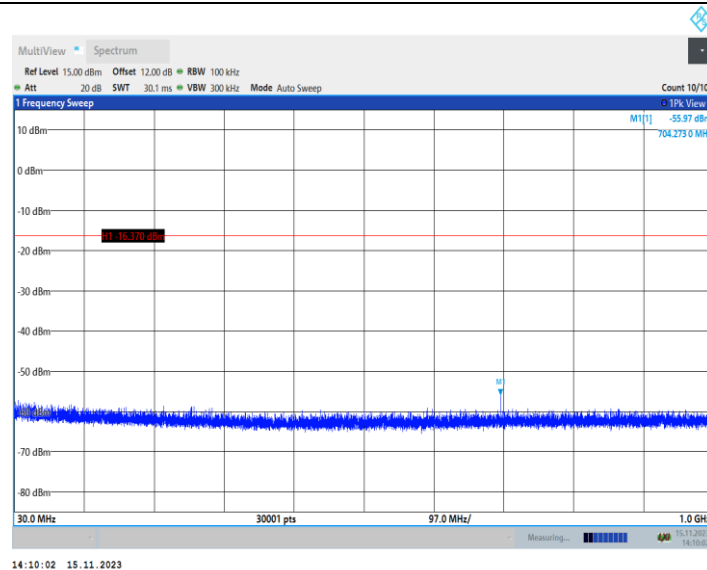
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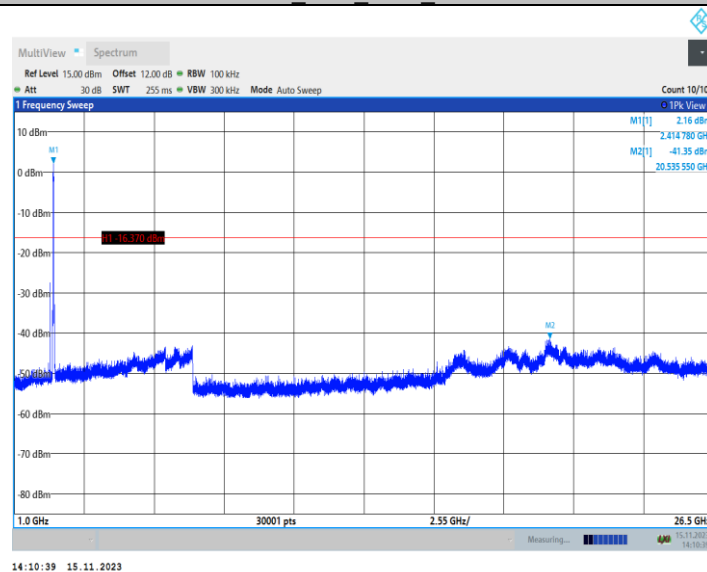
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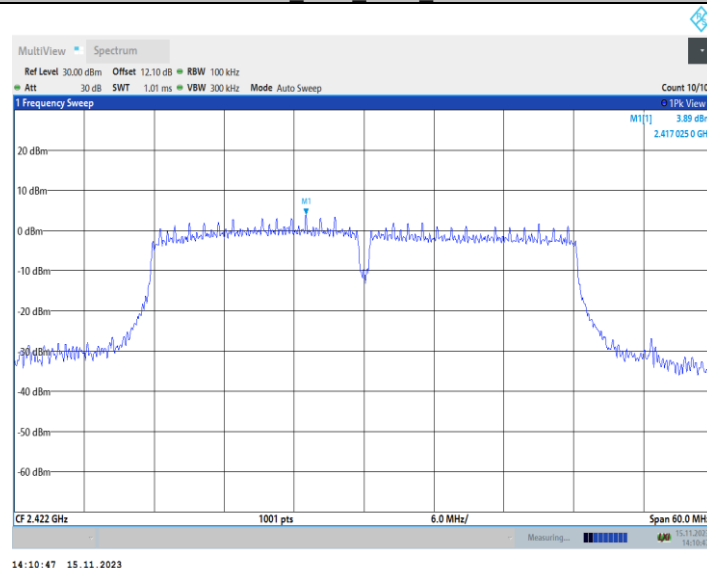
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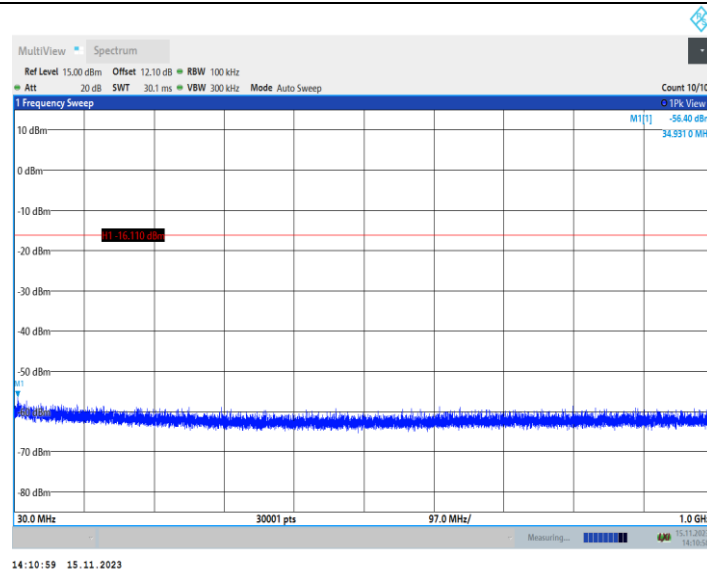
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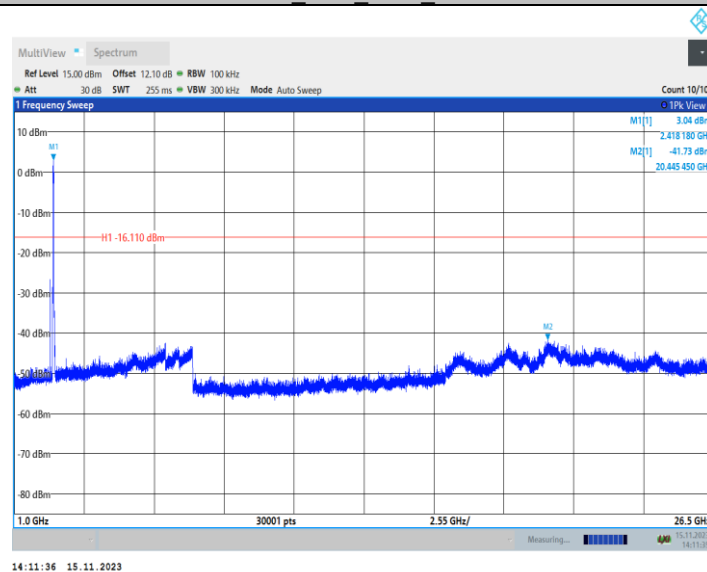
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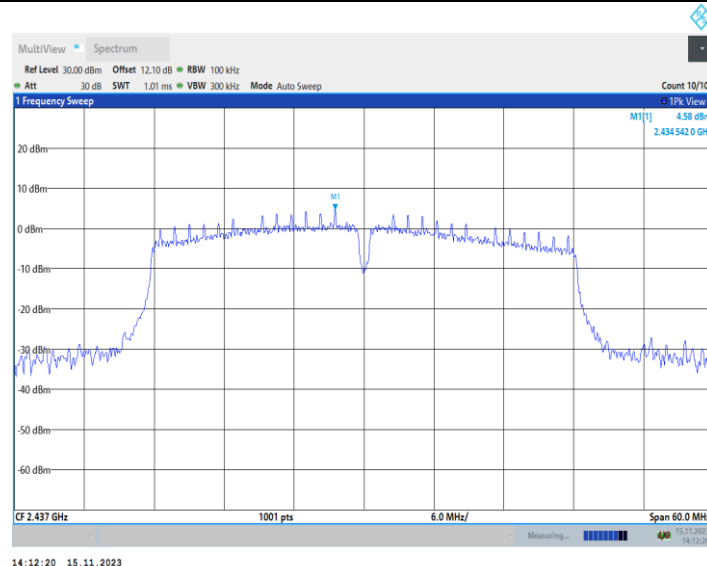
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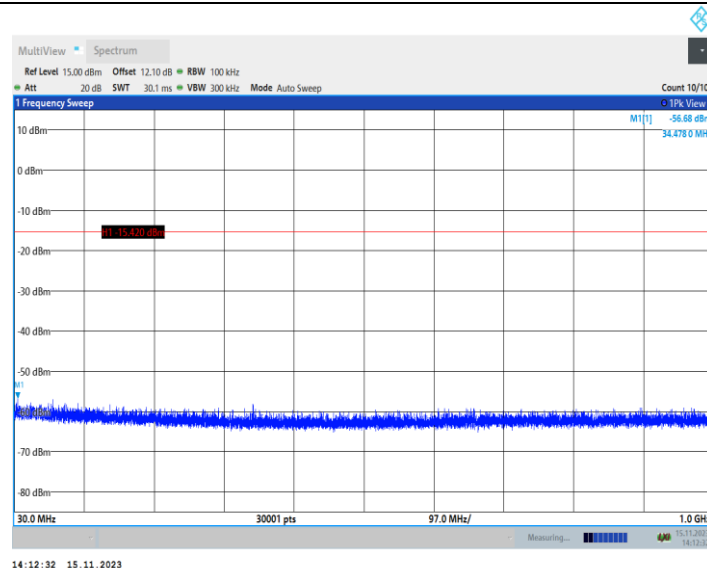
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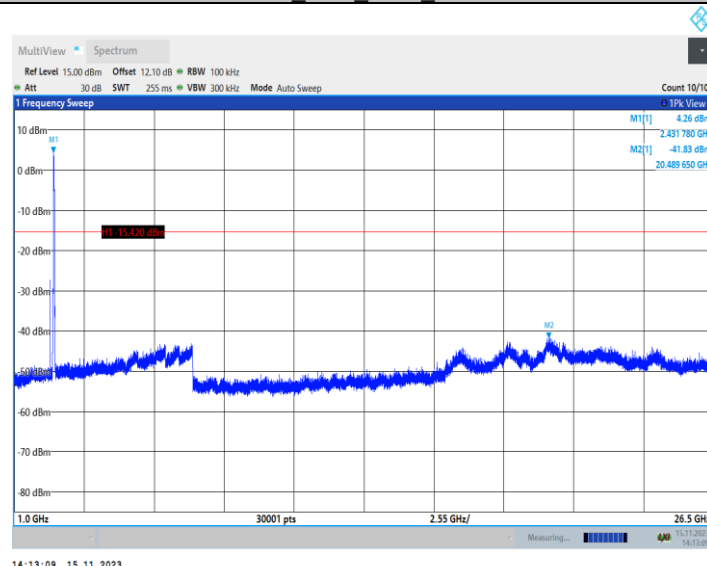
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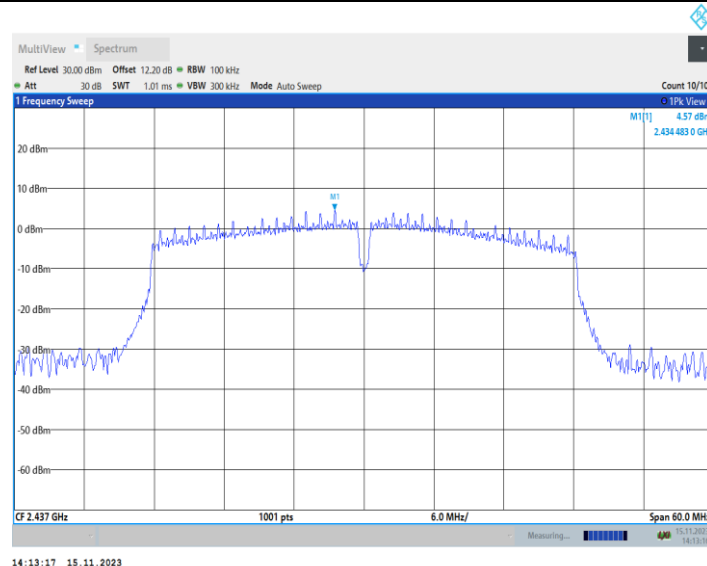
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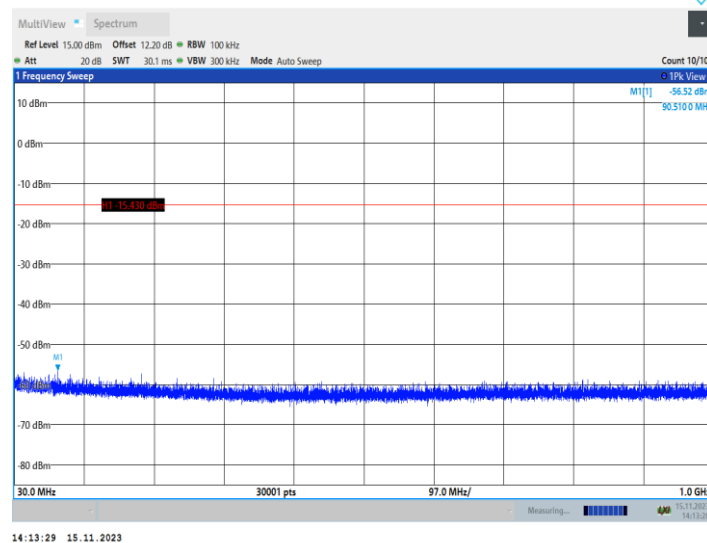
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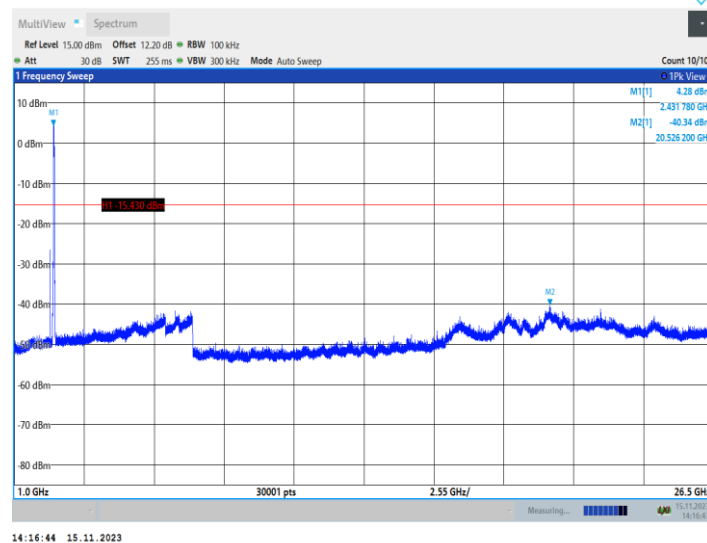
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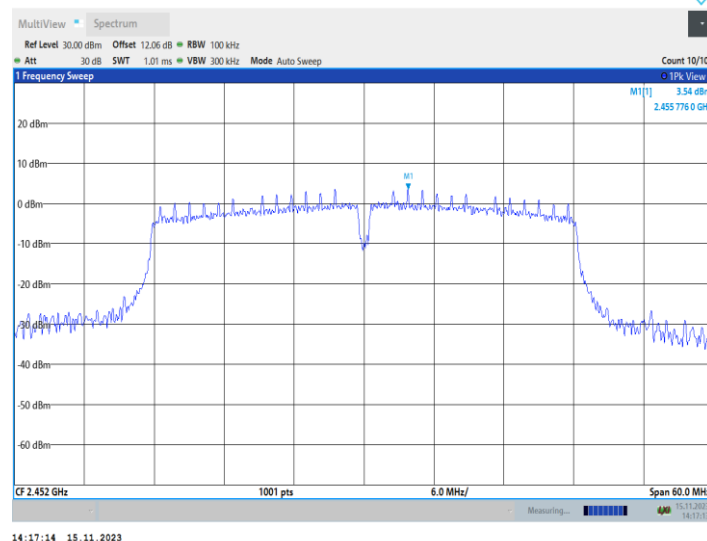
11N40MIMO Ant2 2437 30-1000



11N40MIMO_Ant2_2437_1000-26500



11N40MIMO_Ant1_2452_0-Reference



11N40MIMO_Ant1_2452_30-1000