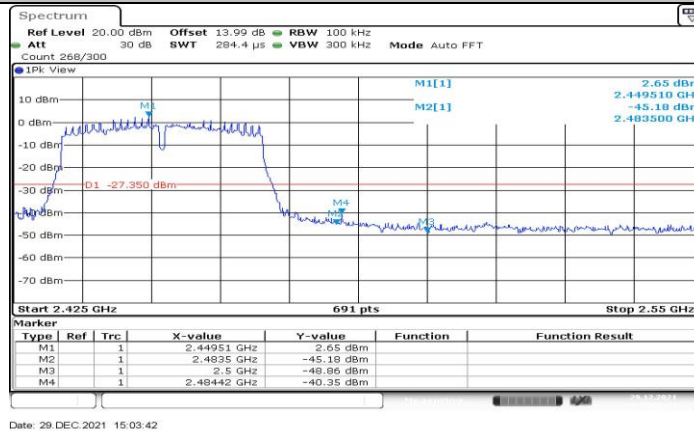
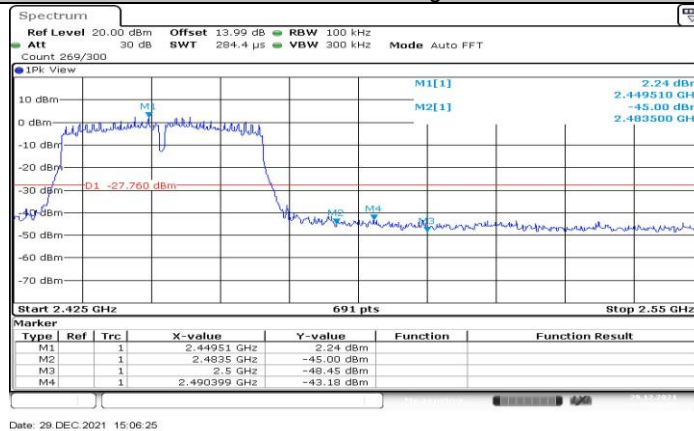


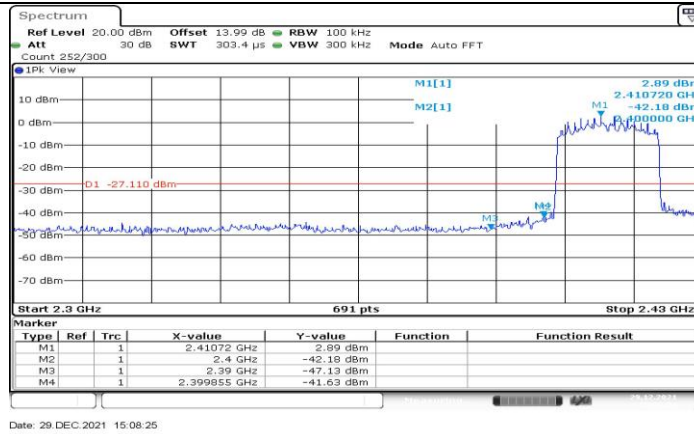
11N40MIMO_Ant2_Low_2422



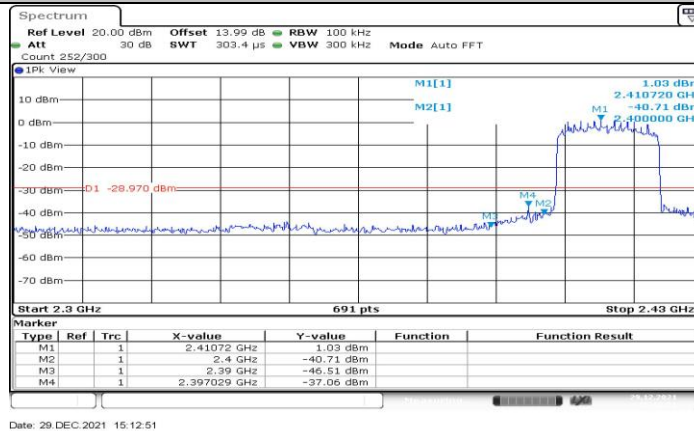
11N40MIMO_Ant1_High_2452



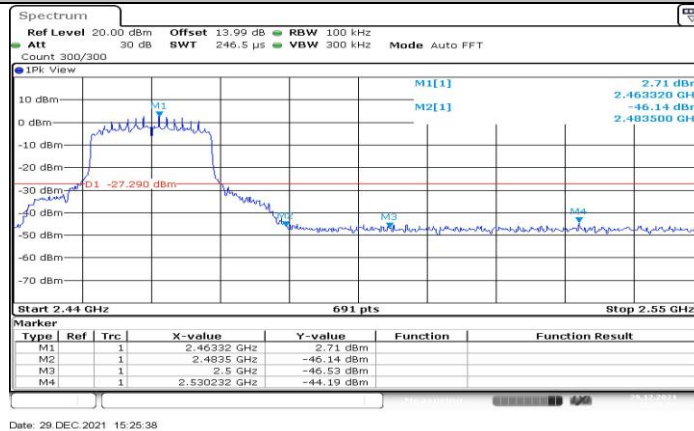
11N40MIMO_Ant2_High_2452



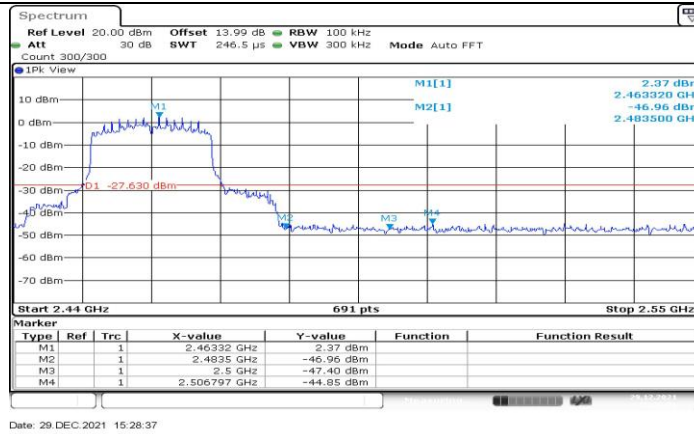
11AX20MIMO_Ant1_Low_2412



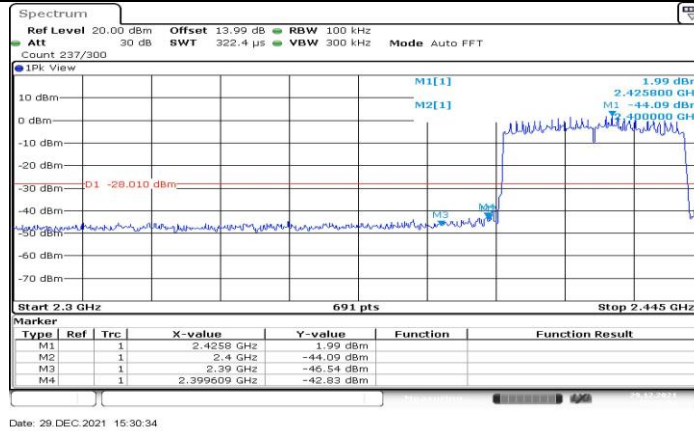
11AX20MIMO_Ant2_Low_2412



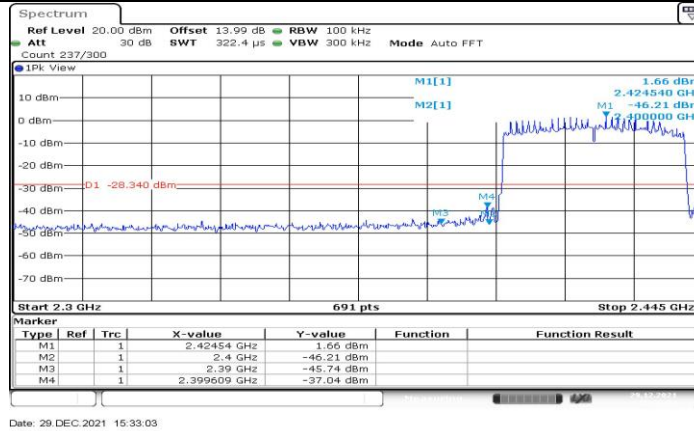
11AX20MIMO_Ant1_High_2462



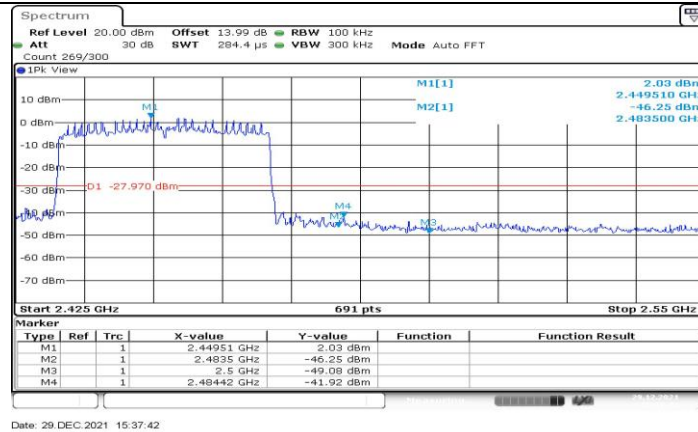
11AX20MIMO_Ant2_High_2462



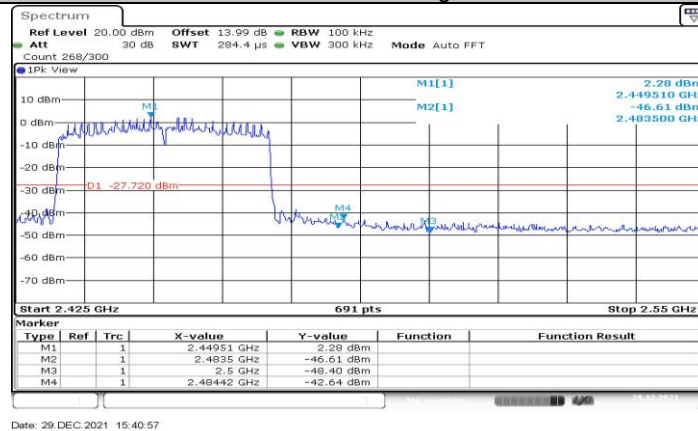
11AX40MIMO_Ant1_Low_2422



11AX40MIMO_Ant2_Low_2422



11AX40MIMO_Ant1_High_2452



11AX40MIMO_Ant2_High_2452

11.6. Appendix F: Conducted Spurious Emission

11.6.1. Test Result

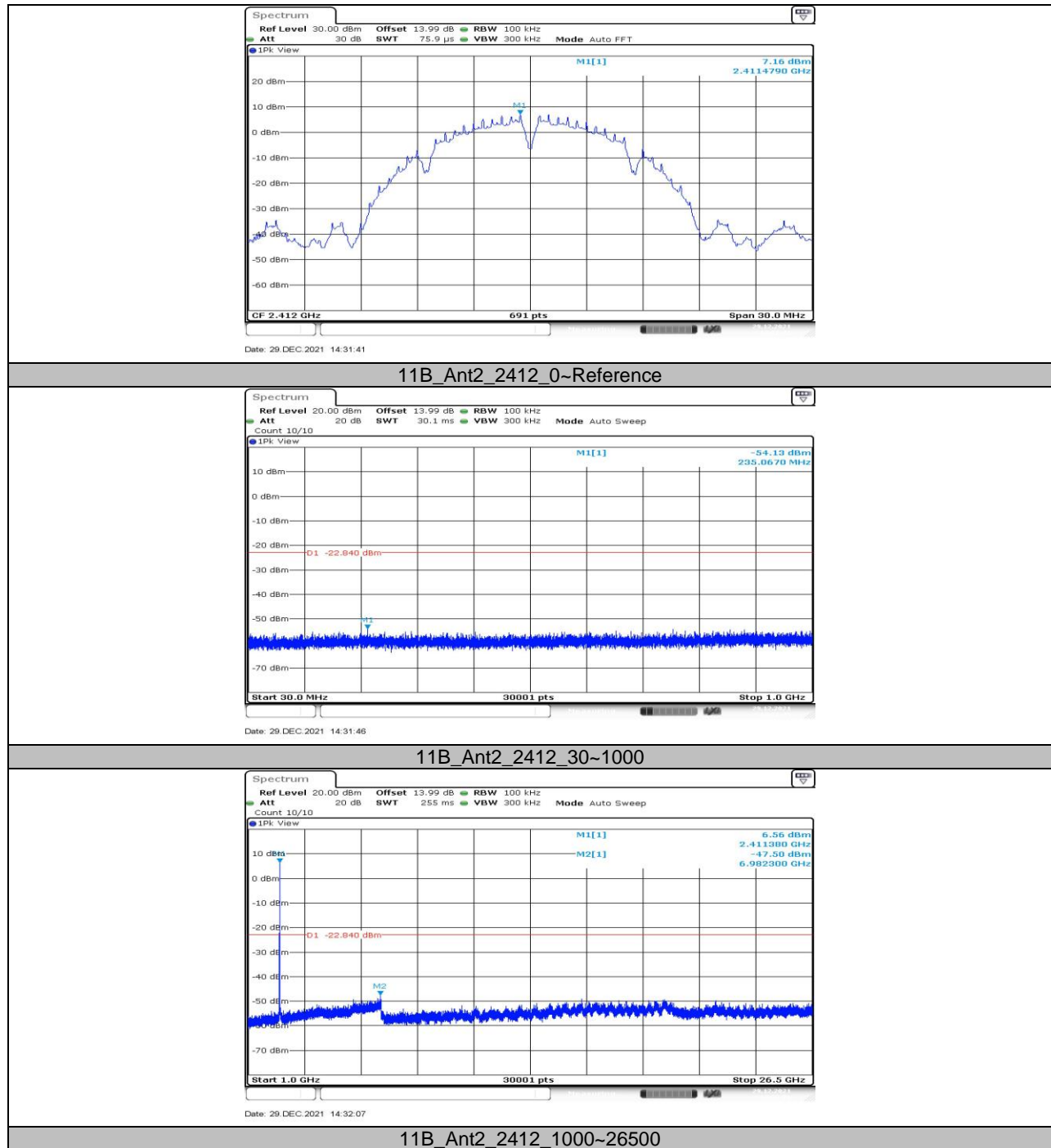
Test Mode	Antenna	Channel	FreqRange [Mhz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant2	2412	Reference	7.16	---	PASS
			30~1000	-54.13	≤-22.84	PASS
			1000~26500	-47.5	≤-22.84	PASS
		2437	Reference	7.05	---	PASS
			30~1000	-54.17	≤-22.95	PASS
			1000~26500	-49.14	≤-22.95	PASS
		2462	Reference	7.26	---	PASS
			30~1000	-53.72	≤-22.74	PASS
			1000~26500	-48.72	≤-22.74	PASS
11G	Ant2	2412	Reference	4.75	---	PASS
			30~1000	-54.04	≤-25.25	PASS
			1000~26500	-48.57	≤-25.25	PASS
		2437	Reference	4.67	---	PASS
			30~1000	-53.81	≤-25.33	PASS
			1000~26500	-46.75	≤-25.33	PASS
		2462	Reference	4.28	---	PASS
			30~1000	-53.91	≤-25.72	PASS
			1000~26500	-48.12	≤-25.72	PASS
11N20MIMO	Ant1	2412	Reference	4.78	---	PASS
			30~1000	-54.05	≤-25.22	PASS
			1000~26500	-48.92	≤-25.22	PASS
	Ant2	2412	Reference	4.39	---	PASS
			30~1000	-53.95	≤-25.61	PASS
			1000~26500	-48.06	≤-25.61	PASS
	Ant1	2437	Reference	5.00	---	PASS
			30~1000	-54.3	≤-25	PASS
			1000~26500	-48.63	≤-25	PASS
	Ant2	2437	Reference	4.80	---	PASS
			30~1000	-54.03	≤-25.2	PASS
			1000~26500	-46.87	≤-25.2	PASS
	Ant1	2462	Reference	5.08	---	PASS
			30~1000	-54.19	≤-24.92	PASS
			1000~26500	-47.56	≤-24.92	PASS
	Ant2	2462	Reference	5.08	---	PASS
			30~1000	-53.74	≤-24.92	PASS
			1000~26500	-45.23	≤-24.92	PASS
11N40MIMO	Ant1	2422	Reference	2.18	---	PASS
			30~1000	-54.01	≤-27.82	PASS
			1000~26500	-48.29	≤-27.82	PASS
	Ant2	2422	Reference	1.92	---	PASS
			30~1000	-54.66	≤-28.08	PASS
			1000~26500	-48.79	≤-28.08	PASS
	Ant1	2437	Reference	2.25	---	PASS
			30~1000	-53.5	≤-27.75	PASS
			1000~26500	-48.34	≤-27.75	PASS
	Ant2	2437	Reference	2.41	---	PASS
			30~1000	-54.16	≤-27.59	PASS
			1000~26500	-48.49	≤-27.59	PASS
	Ant1	2452	Reference	2.56	---	PASS
			30~1000	-54.24	≤-27.44	PASS
			1000~26500	-48.35	≤-27.44	PASS
	Ant2	2452	Reference	2.17	---	PASS
			30~1000	-54.59	≤-27.83	PASS



			1000~26500	-48.49	≤ -27.83	PASS
11AX20MIMO	Ant1	2412	Reference	2.99	---	PASS
			30~1000	-54.21	≤ -27.01	PASS
			1000~26500	-47.82	≤ -27.01	PASS
	Ant2	2412	Reference	2.45	---	PASS
			30~1000	-52.78	≤ -27.55	PASS
			1000~26500	-48.56	≤ -27.55	PASS
	Ant1	2437	Reference	2.60	---	PASS
			30~1000	-53.33	≤ -27.4	PASS
			1000~26500	-48.62	≤ -27.4	PASS
	Ant2	2437	Reference	2.44	---	PASS
			30~1000	-53.78	≤ -27.56	PASS
			1000~26500	-48.13	≤ -27.56	PASS
	Ant1	2462	Reference	2.68	---	PASS
			30~1000	-53.81	≤ -27.32	PASS
			1000~26500	-48.5	≤ -27.32	PASS
	Ant2	2462	Reference	2.21	---	PASS
			30~1000	-53.29	≤ -27.79	PASS
			1000~26500	-48.47	≤ -27.79	PASS
11AX40MIMO	Ant1	2422	Reference	1.60	---	PASS
			30~1000	-53.74	≤ -28.4	PASS
			1000~26500	-48.98	≤ -28.4	PASS
	Ant2	2422	Reference	2.11	---	PASS
			30~1000	-53.73	≤ -27.89	PASS
			1000~26500	-48.86	≤ -27.89	PASS
	Ant1	2437	Reference	1.57	---	PASS
			30~1000	-54.24	≤ -28.43	PASS
			1000~26500	-48.47	≤ -28.43	PASS
	Ant2	2437	Reference	2.00	---	PASS
			30~1000	-54.05	≤ -28	PASS
			1000~26500	-48.87	≤ -28	PASS
	Ant1	2452	Reference	1.99	---	PASS
			30~1000	-53.76	≤ -28.01	PASS
			1000~26500	-48.07	≤ -28.01	PASS
	Ant2	2452	Reference	2.31	---	PASS
			30~1000	-53.4	≤ -27.69	PASS
			1000~26500	-48.21	≤ -27.69	PASS

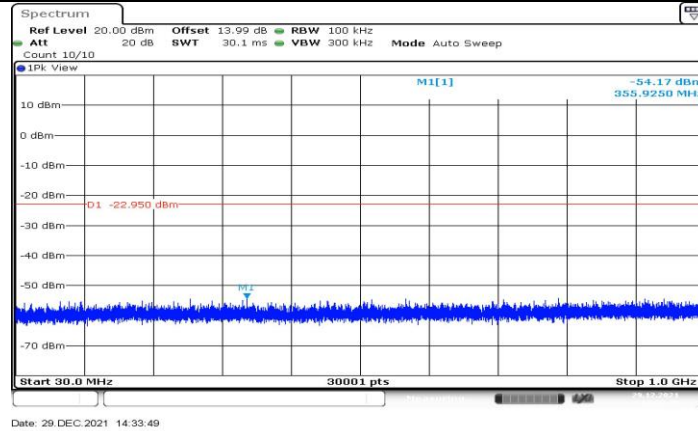
Note: For 802.11b and g modes, both the two antennas had been tested, but only the worst data was recorded in the report.

11.6.2. Test Graphs

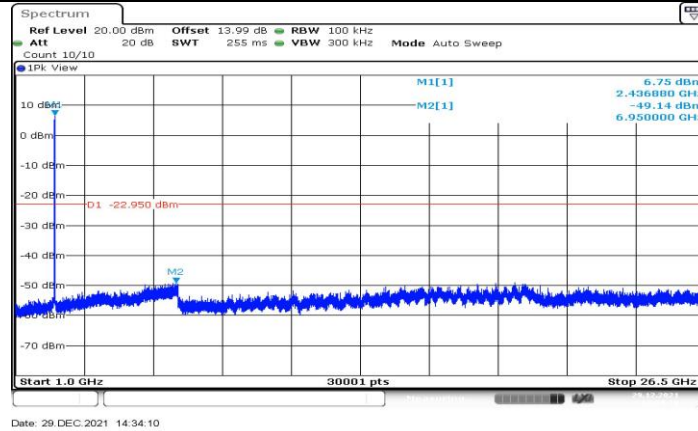




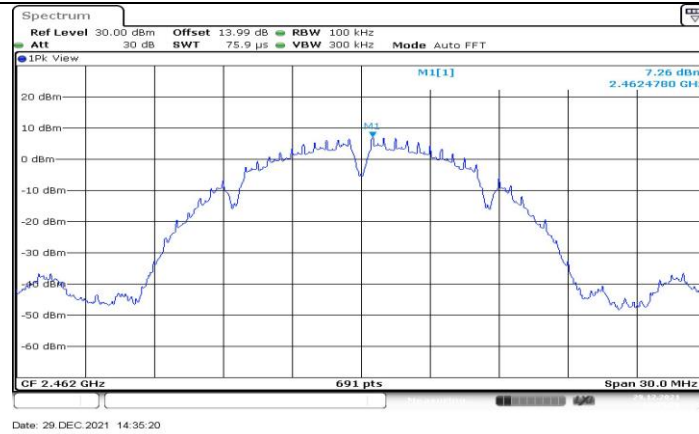
11B_Ant2_2437_0~Reference



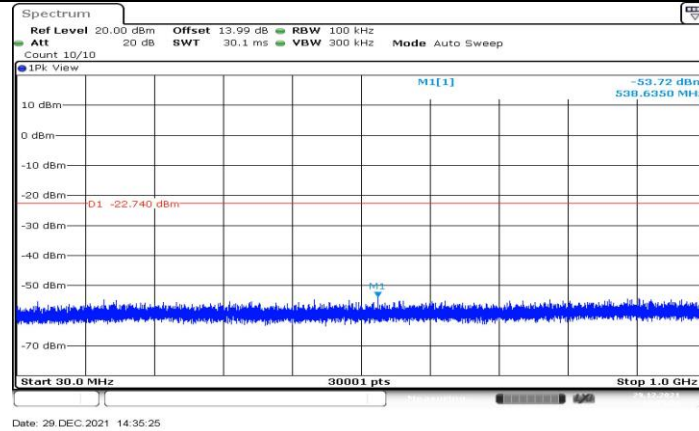
11B_Ant2_2437_30~1000



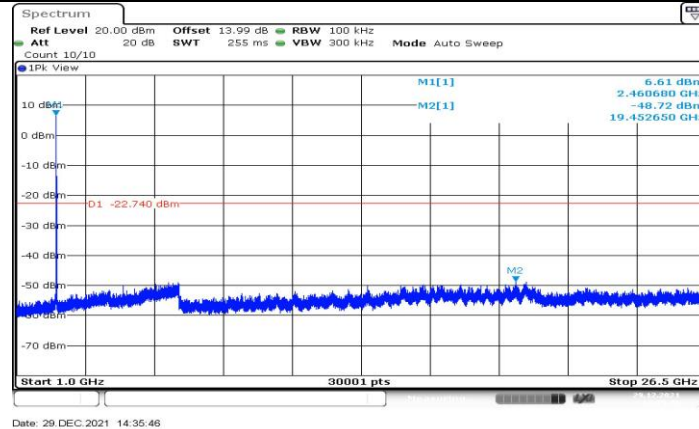
11B_Ant2_2437_1000~26500



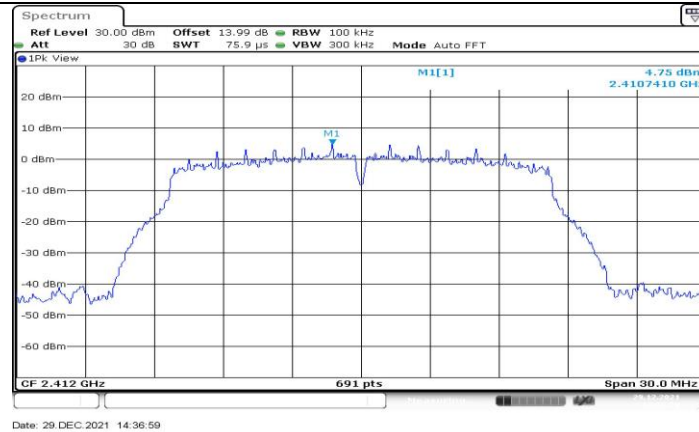
11B_Ant2_2462_0~Reference



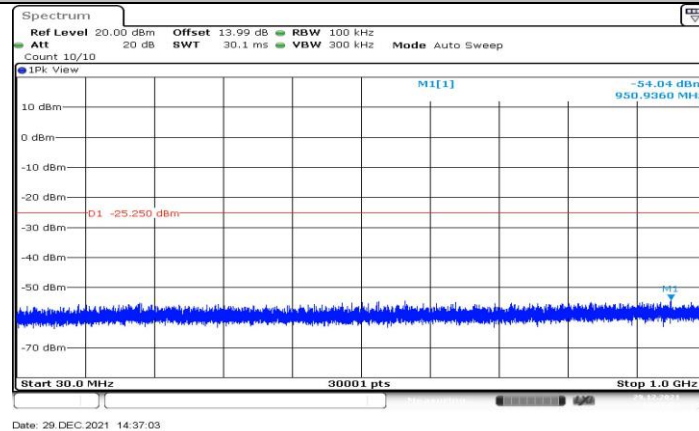
11B_Ant2_2462_30~1000



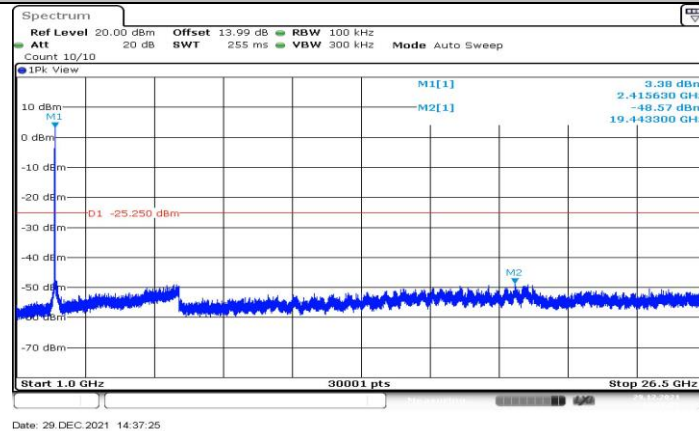
11B_Ant2_2462_1000~26500



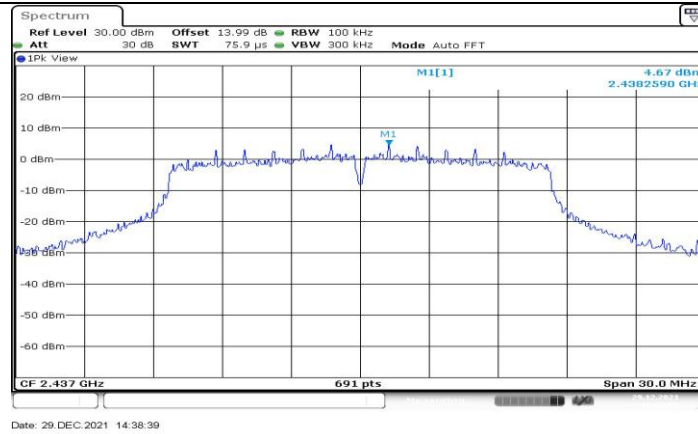
11G_Ant2_2412_0~Reference



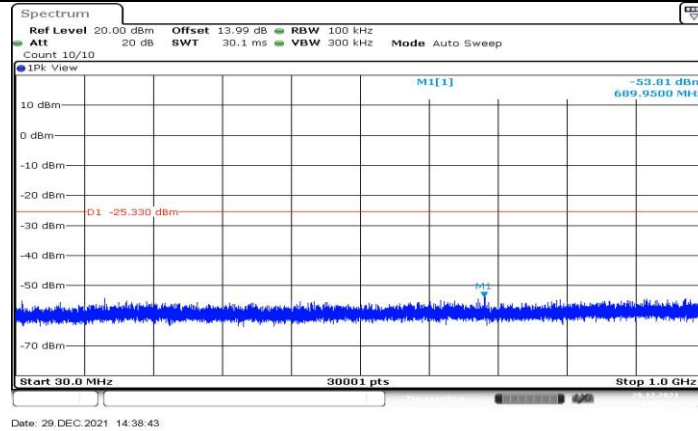
11G_Ant2_2412_30~1000



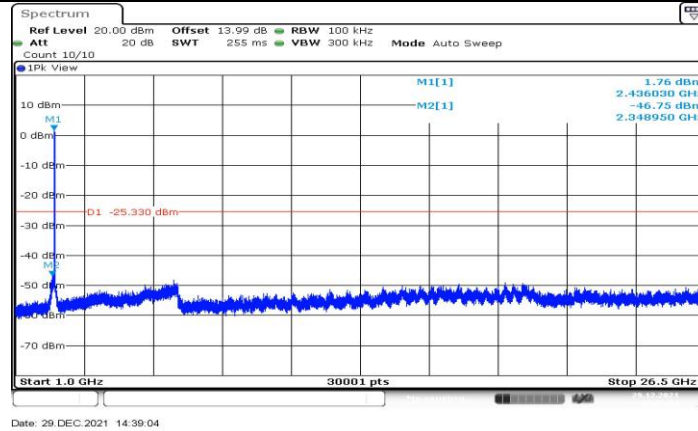
11G_Ant2_2412_1000~26500



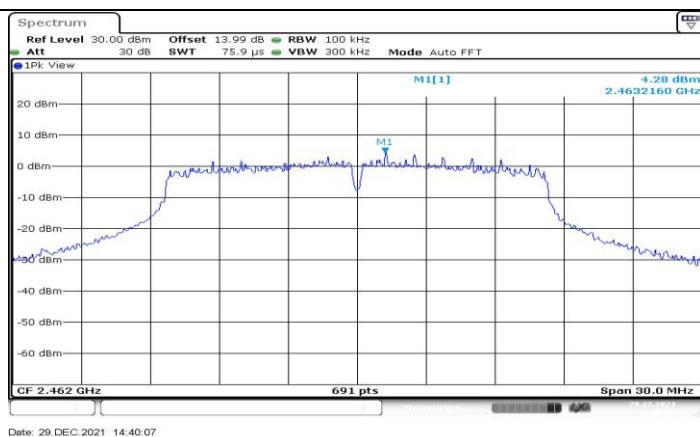
11G_Ant2_2437_0~Reference



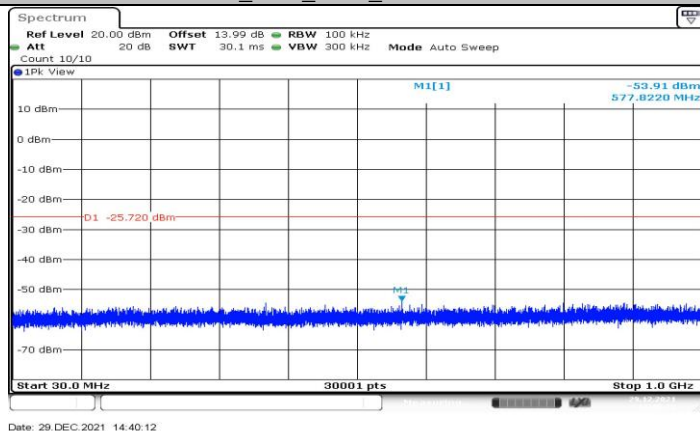
11G_Ant2_2437_30~1000



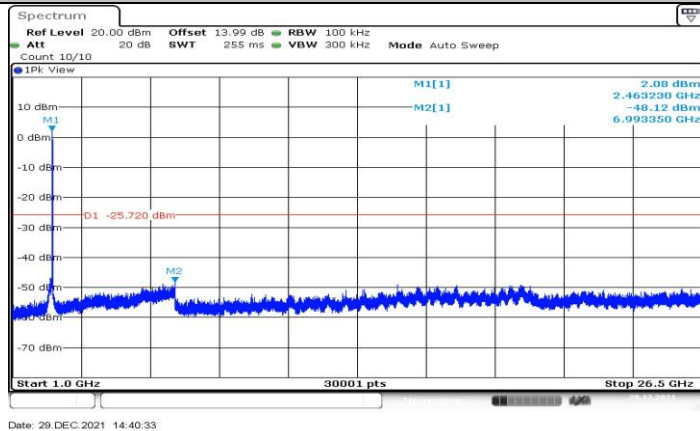
11G_Ant2_2437_1000~26500



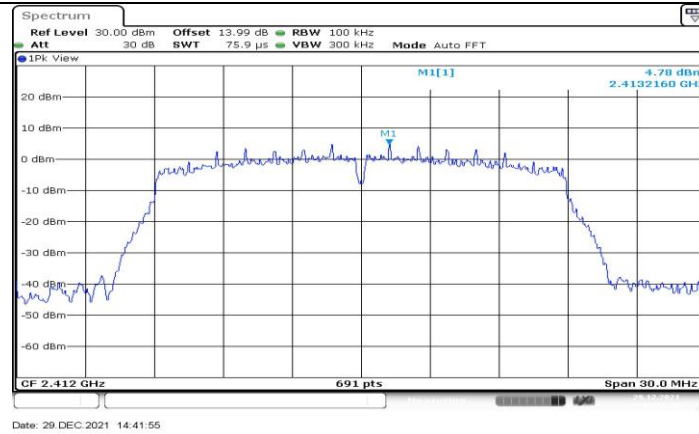
11G_Ant2_2462_0~Reference



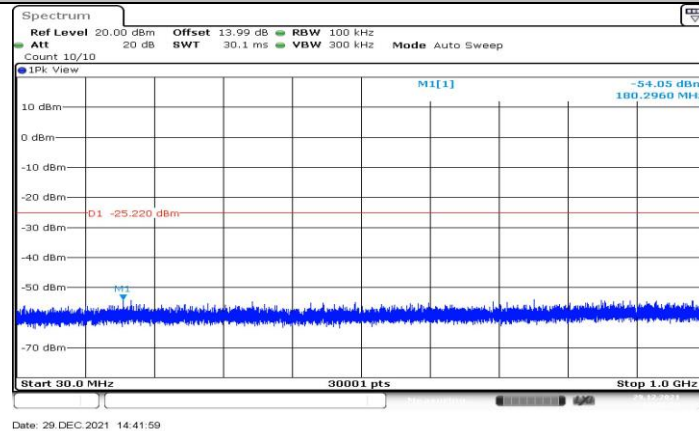
11G_Ant2_2462_30~1000



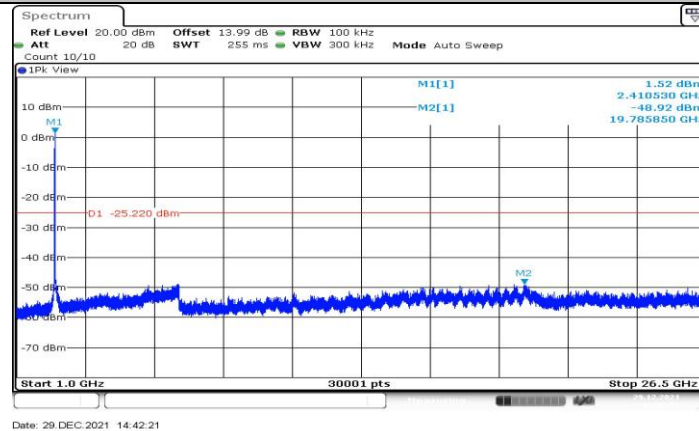
11G_Ant2_2462_1000~26500



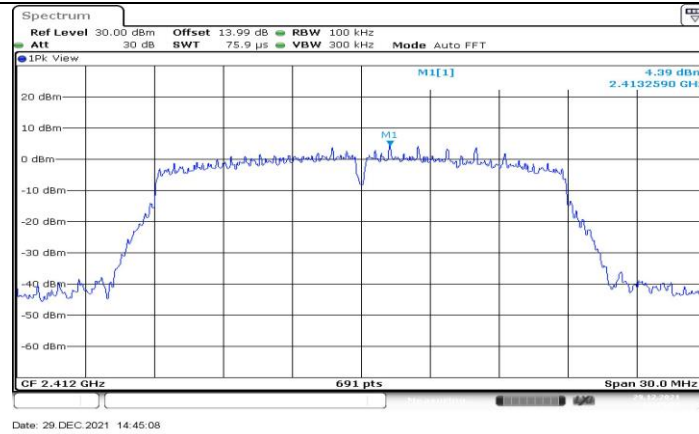
11N20MIMO_Ant1_2412_0~Reference



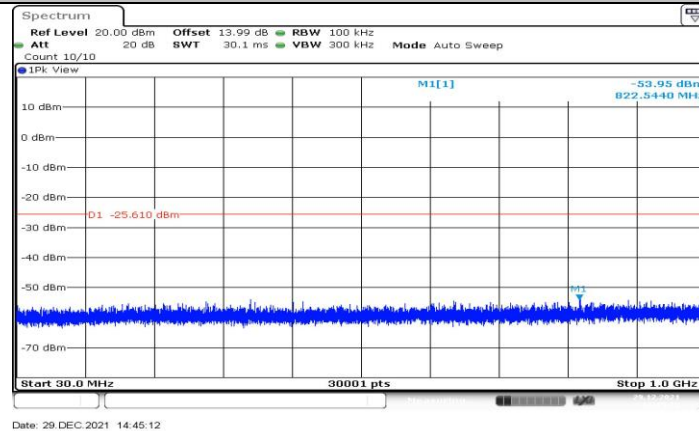
11N20MIMO_Ant1_2412_30~1000



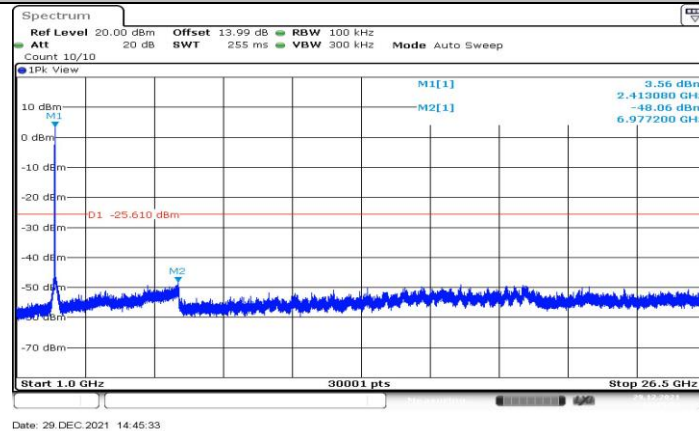
11N20MIMO_Ant1_2412_1000~26500



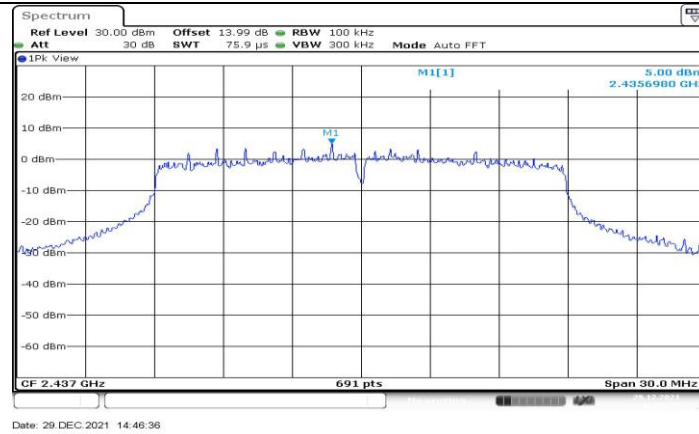
11N20MIMO_Ant2_2412_0~Reference



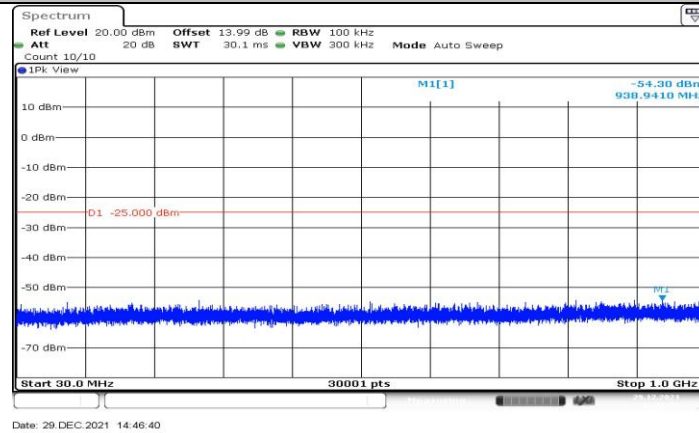
11N20MIMO_Ant2_2412_30~1000



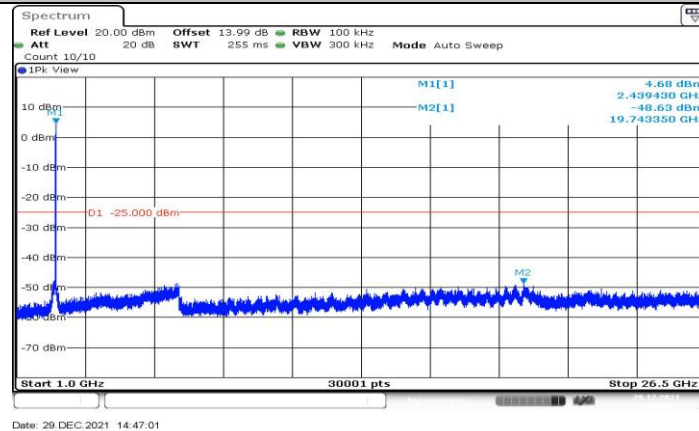
11N20MIMO_Ant2_2412_1000~26500



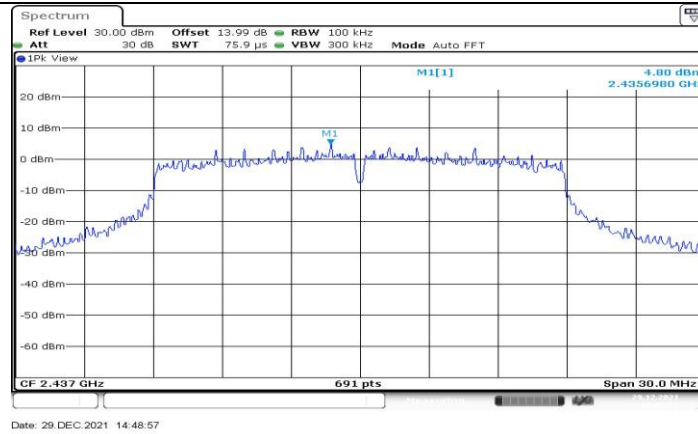
11N20MIMO_Ant1_2437_0~Reference



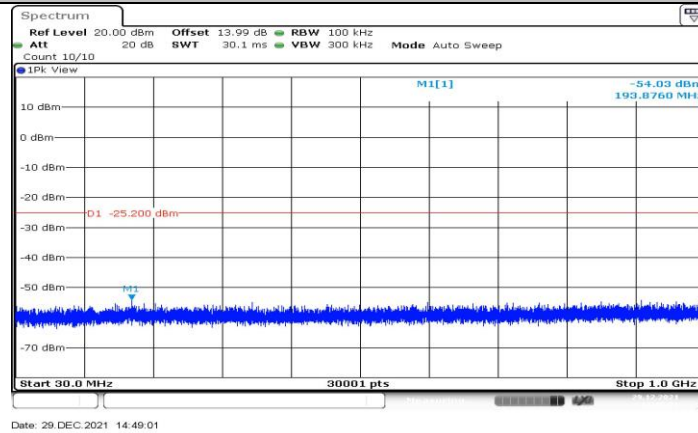
11N20MIMO_Ant1_2437_30~1000



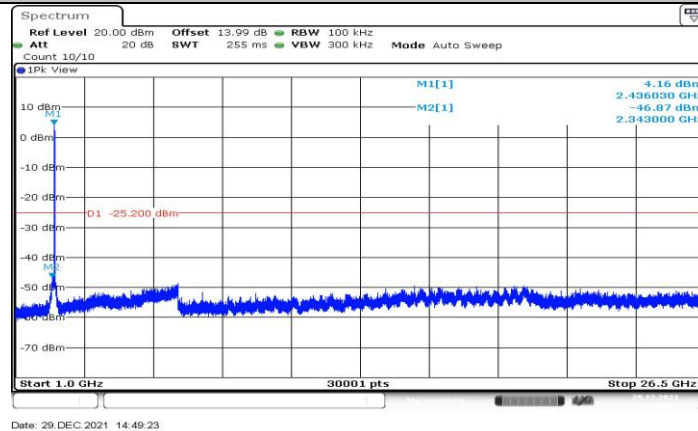
11N20MIMO_Ant1_2437_1000~26500



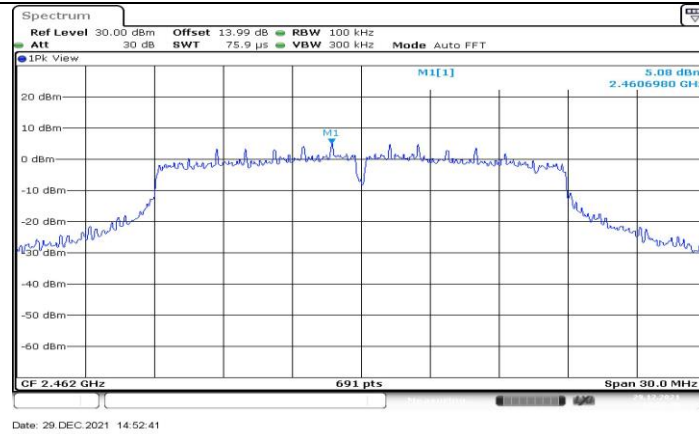
11N20MIMO_Ant2_2437_0~Reference



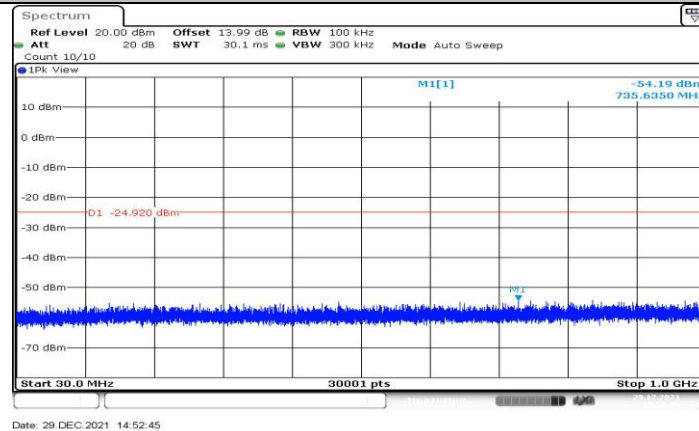
11N20MIMO_Ant2_2437_30~1000



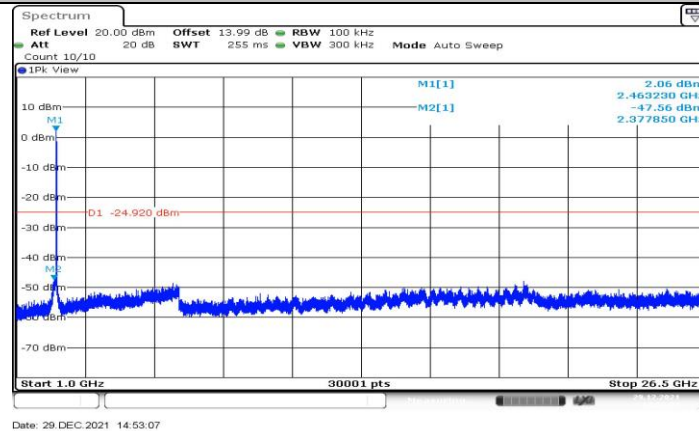
11N20MIMO_Ant2_2437_1000~26500



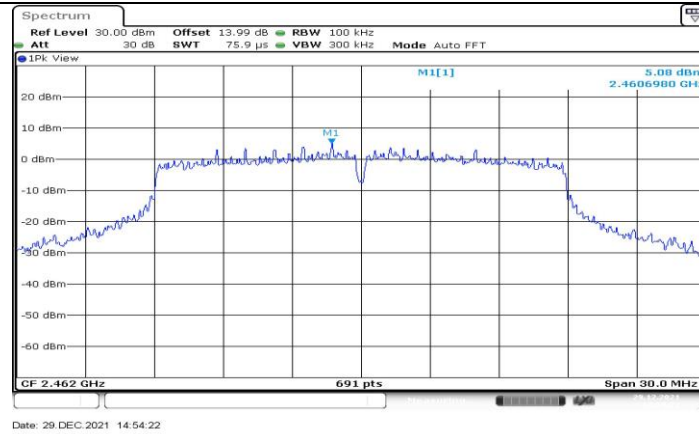
11N20MIMO_Ant1_2462_0~Reference



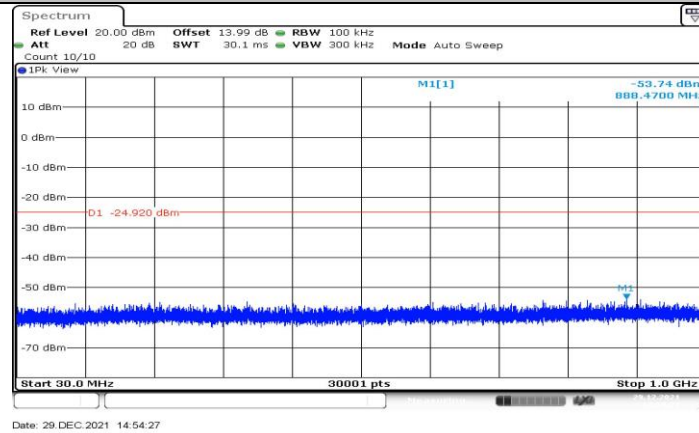
11N20MIMO_Ant1_2462_30~1000



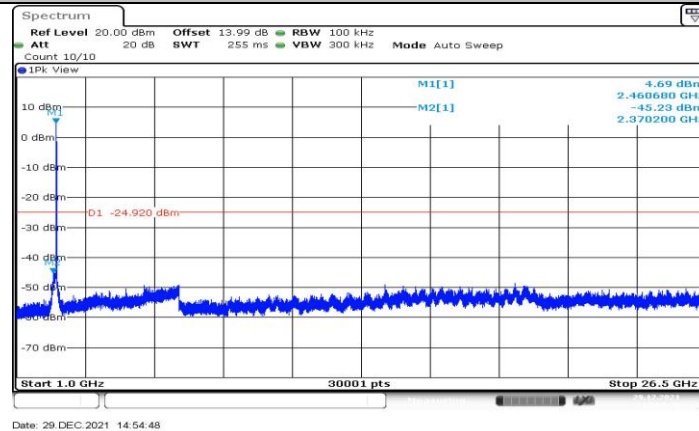
11N20MIMO_Ant1_2462_1000~26500



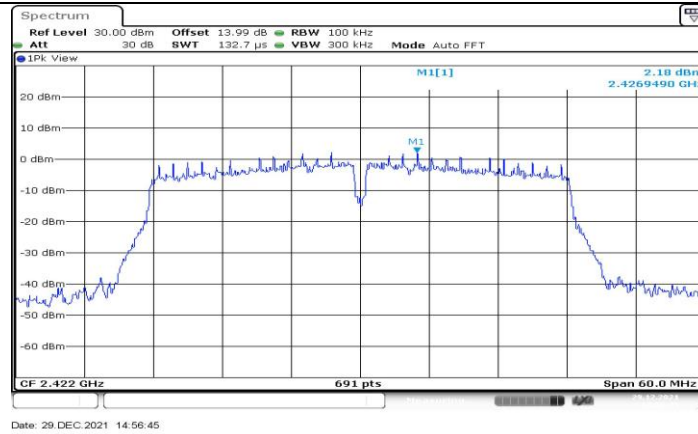
11N20MIMO_Ant2_2462_0~Reference



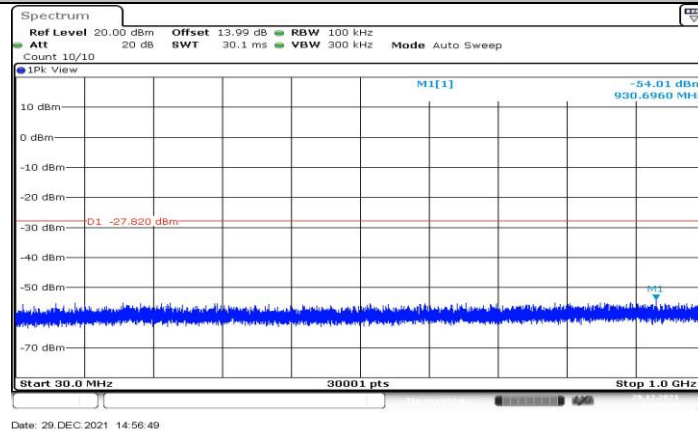
11N20MIMO_Ant2_2462_30~1000



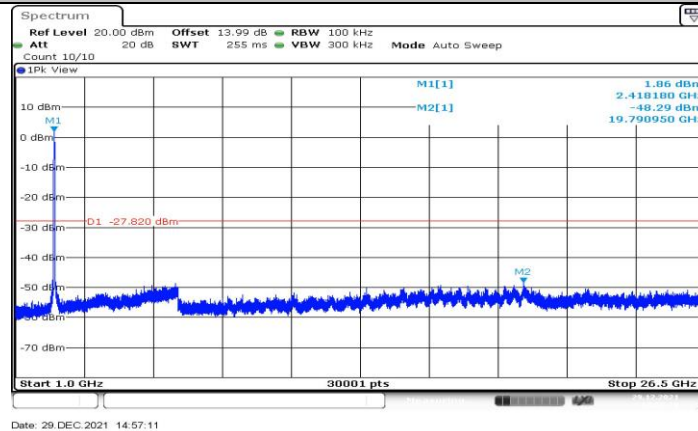
11N20MIMO_Ant2_2462_1000~26500



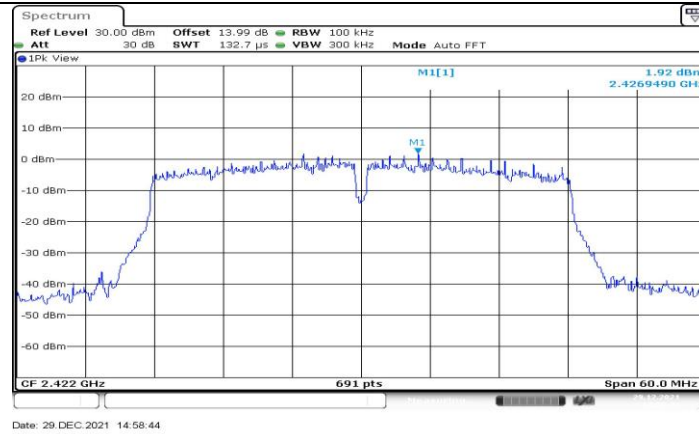
11N40MIMO_Ant1_2422_0~Reference



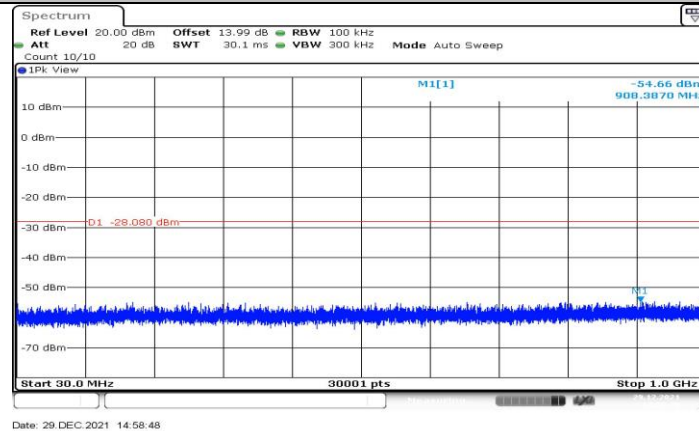
11N40MIMO_Ant1_2422_30~1000



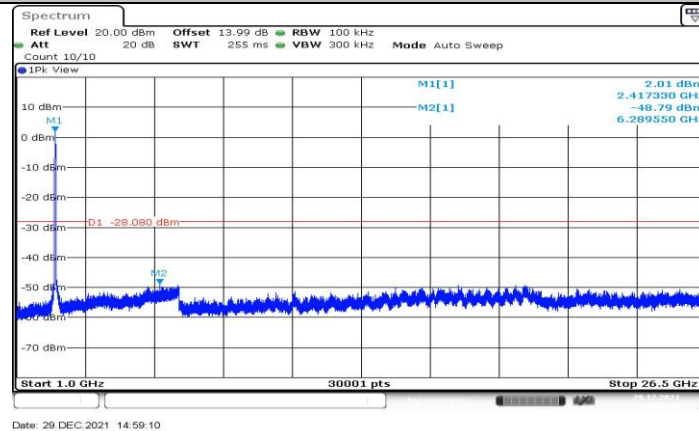
11N40MIMO_Ant1_2422_1000~26500



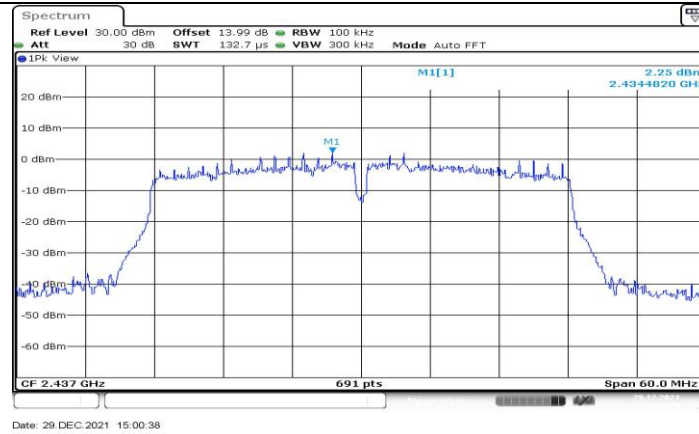
11N40MIMO_Ant2_2422_0~Reference



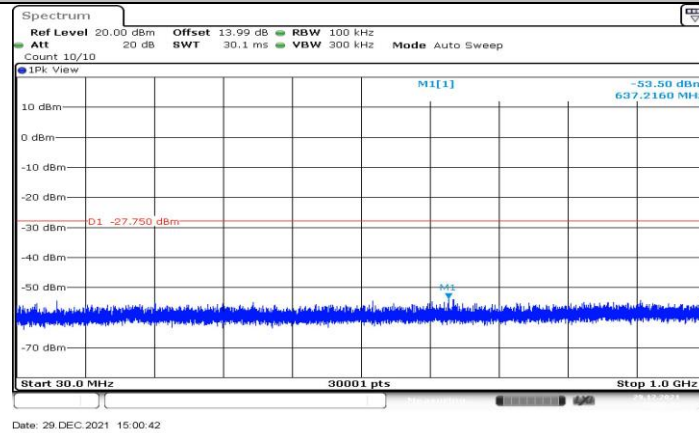
11N40MIMO_Ant2_2422_30~1000



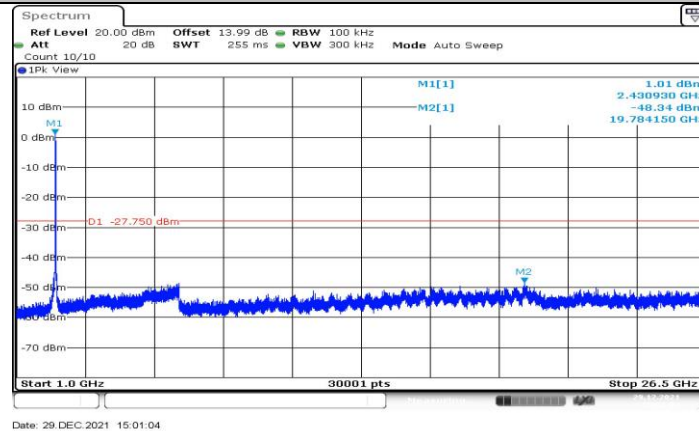
11N40MIMO_Ant2_2422_1000~26500



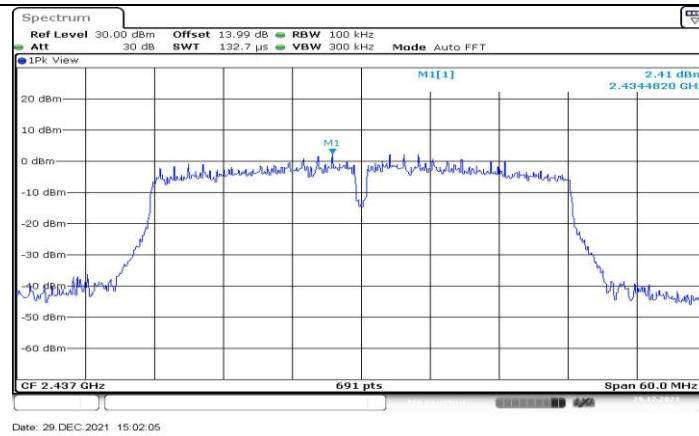
11N40MIMO_Ant1_2437_0~Reference



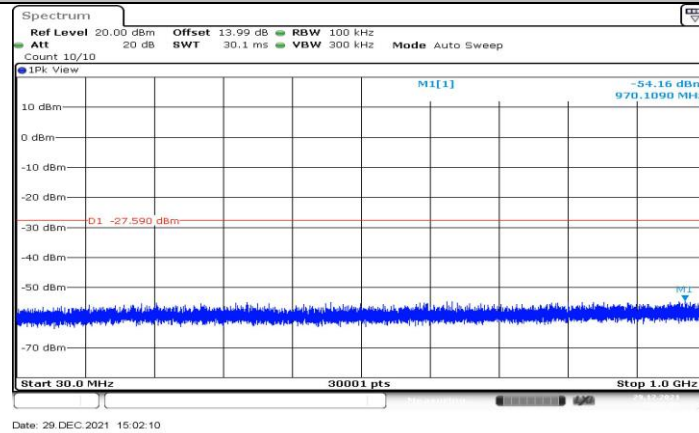
11N40MIMO_Ant1_2437_30~1000



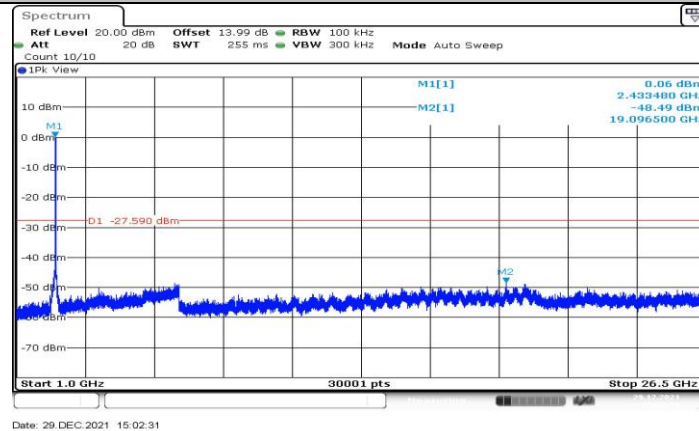
11N40MIMO_Ant1_2437_1000~26500



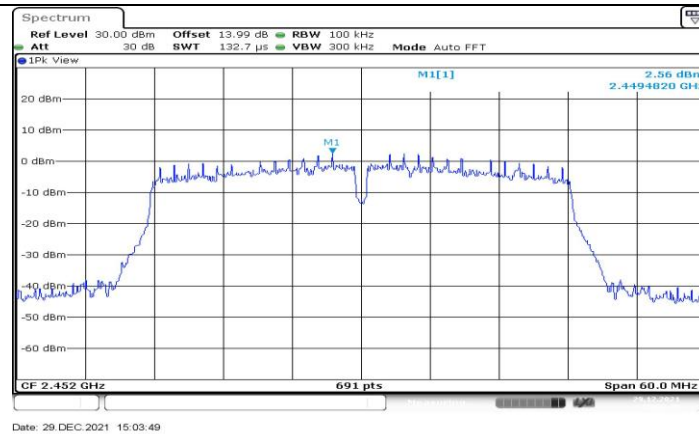
11N40MIMO_Ant2_2437_0~Reference



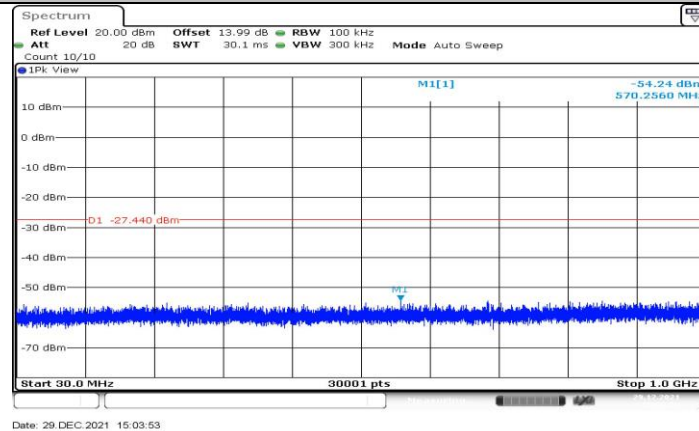
11N40MIMO_Ant2_2437_30~1000



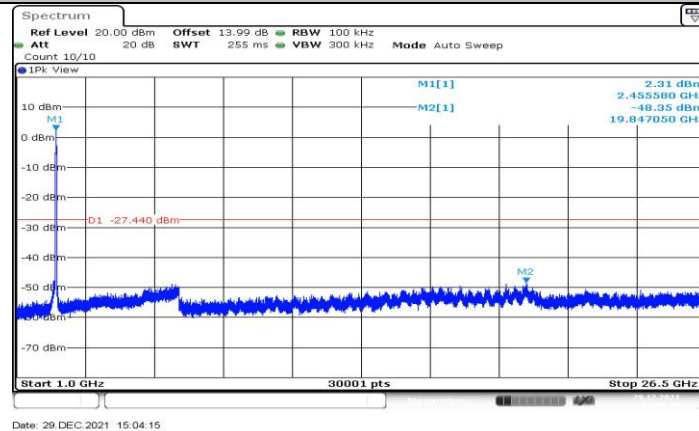
11N40MIMO_Ant2_2437_1000~26500



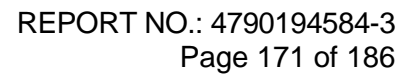
11N40MIMO_Ant1_2452_0~Reference



11N40MIMO_Ant1_2452_30~1000



11N40MIMO_Ant1_2452_1000~26500



Spectrum

Ref Level 20.00 dBm Offset 13.99 dB RBW 100 kHz
 Att 20 dB SWT 30.1 ms VBW 300 kHz Mode Auto Sweep
 Count 10/10

1PK View

M1[1] -54.59 dBm
 199.7610 MHz

10 dBm
 0 dBm
 -10 dBm
 -20 dBm
 -30 dBm
 -40 dBm
 -50 dBm
 -60 dBm
 -70 dBm

01 -27.830 dBm

Start 30.0 MHz 30001 pts Stop 1.0 GHz

Date: 29 DEC 2021 15:06:41

Spectrum

Ref Level 20.00 dBm Offset 13.99 dB RBW 100 kHz
 Att 20 dB SWT 255 ms VBW 300 kHz Mode Auto Sweep

Count 10/10

• LPK View

10 dBm
 0 dBm
 -10 dBm
 -20 dBm
 -30 dBm
 -40 dBm
 -50 dBm
 -60 dBm
 -70 dBm

M1
 M2

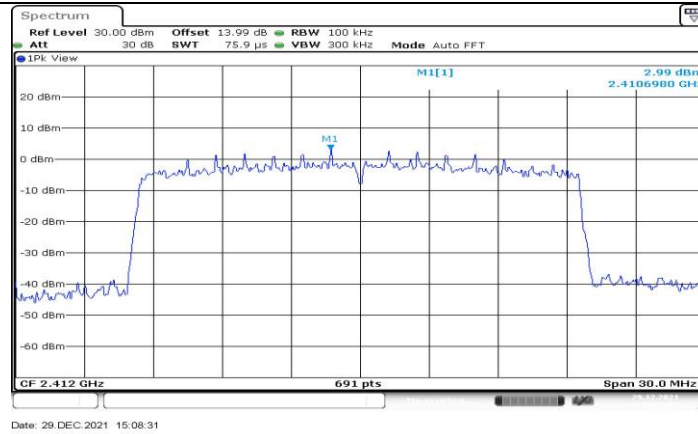
01 -27.830 dBm

M1[1] 2.15 dBm
 M2[1] 2.455580 GHz
 -48.49 dBm
 19.778200 GHz

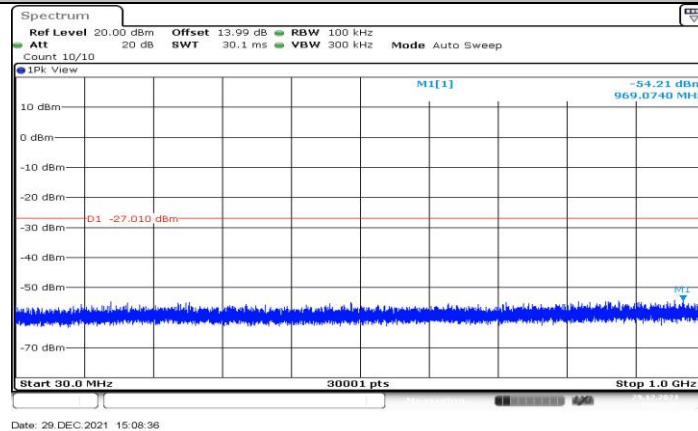
Start 1.0 GHz 30001 pts Stop 26.5 GHz

Date: 29.DEC.2021 15:07:02

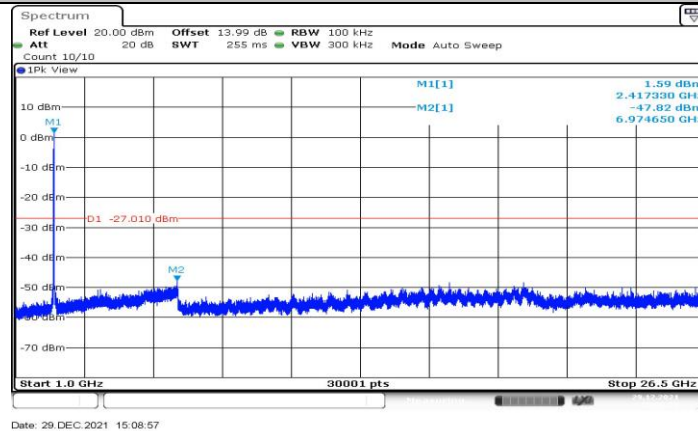
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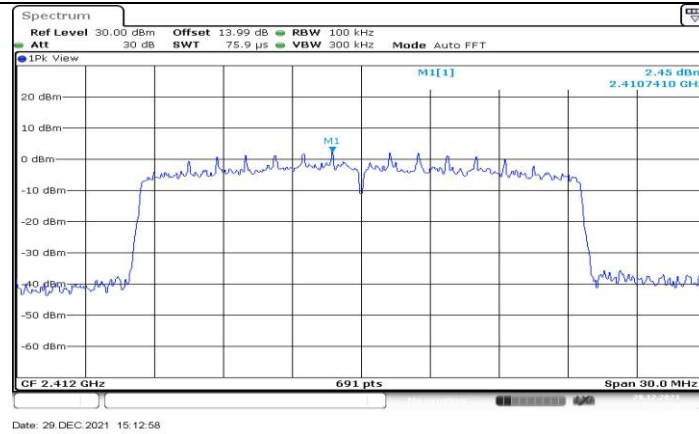
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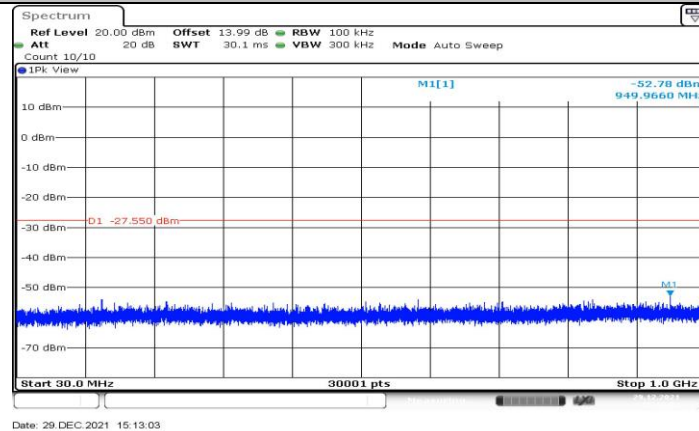
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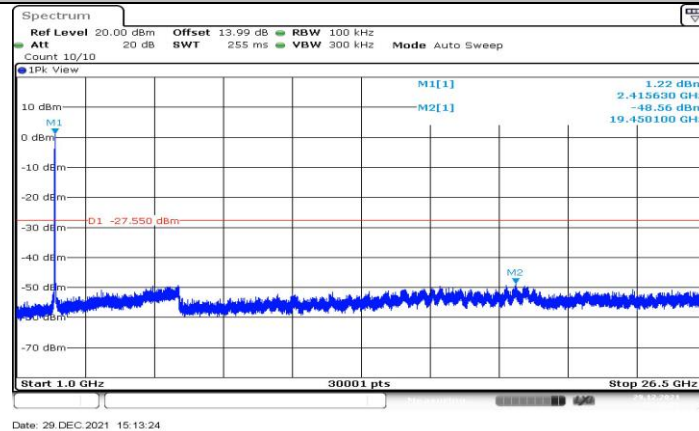
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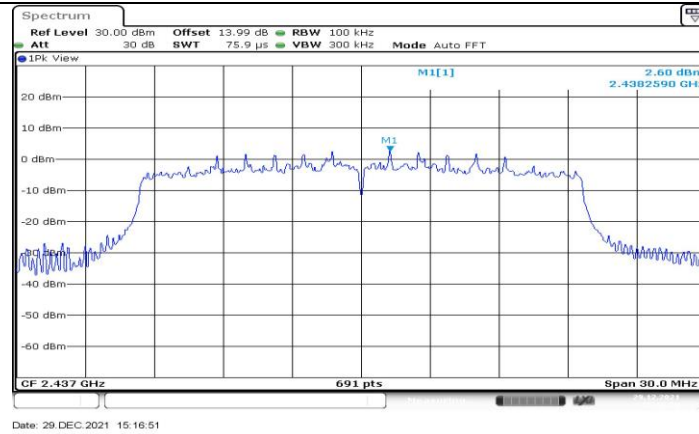
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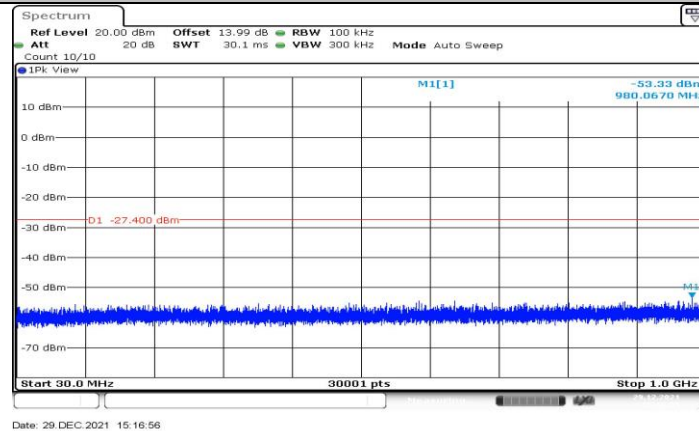
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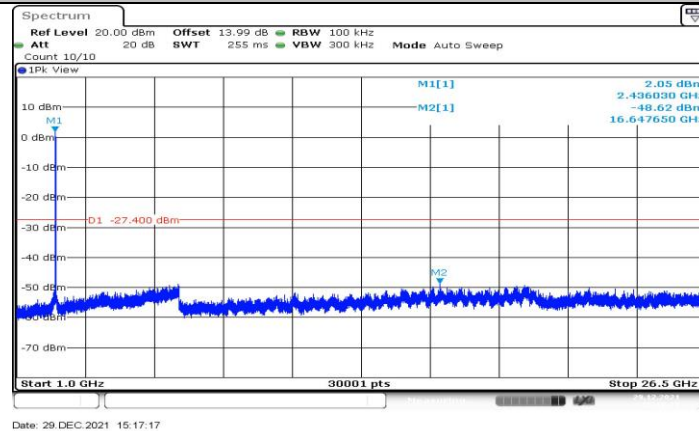
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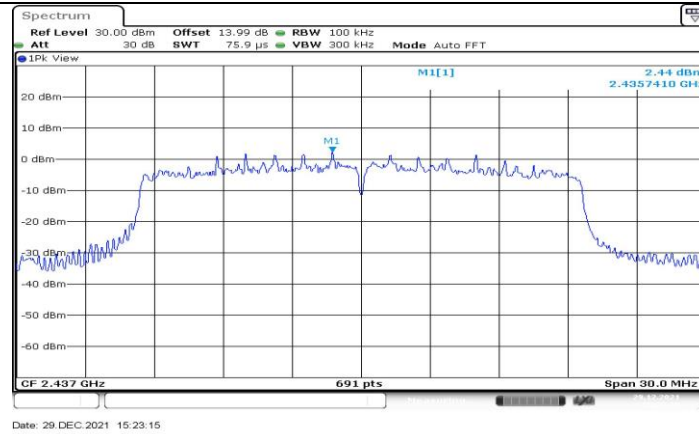
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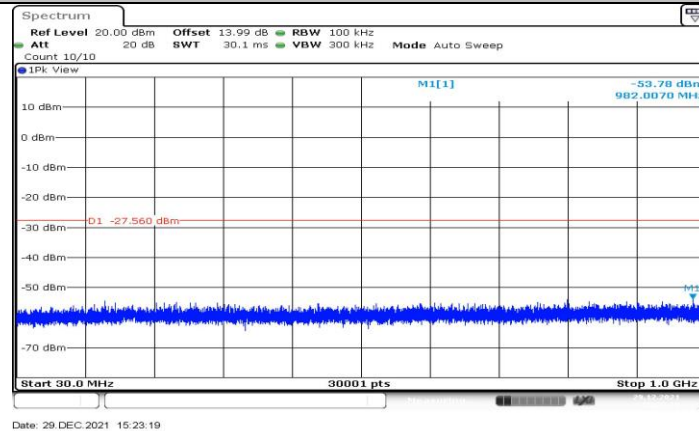
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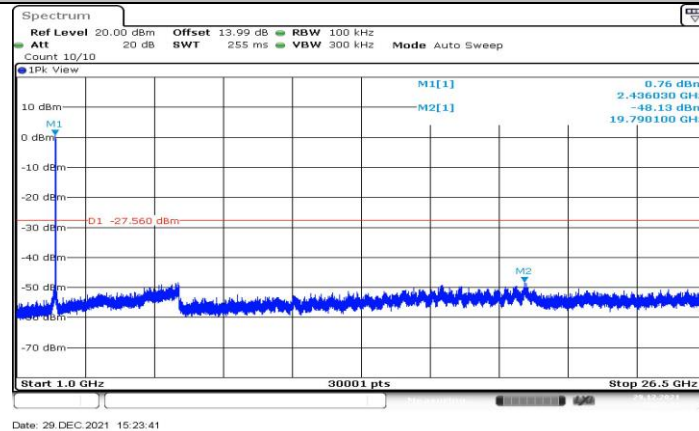
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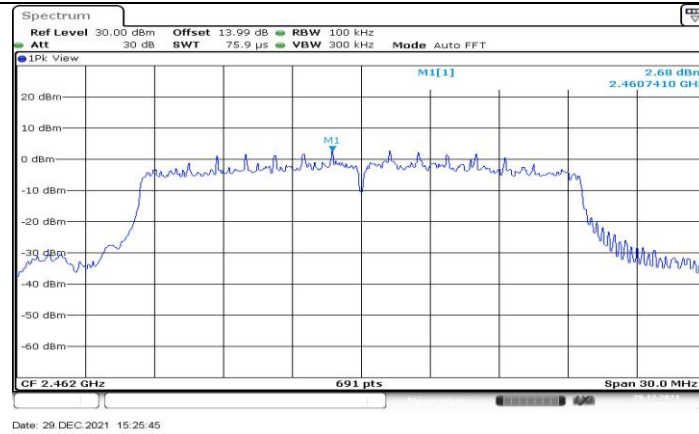
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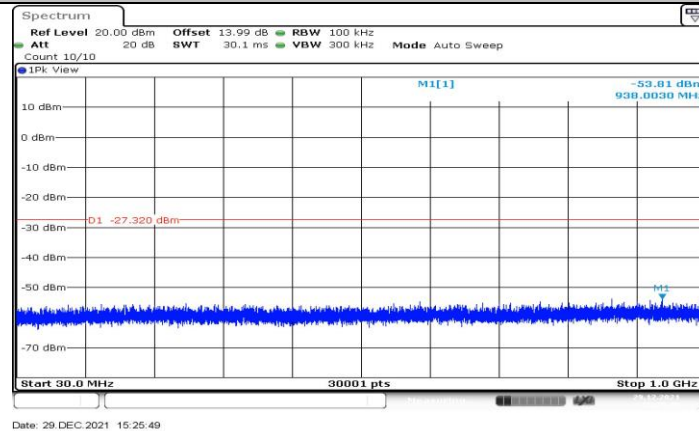
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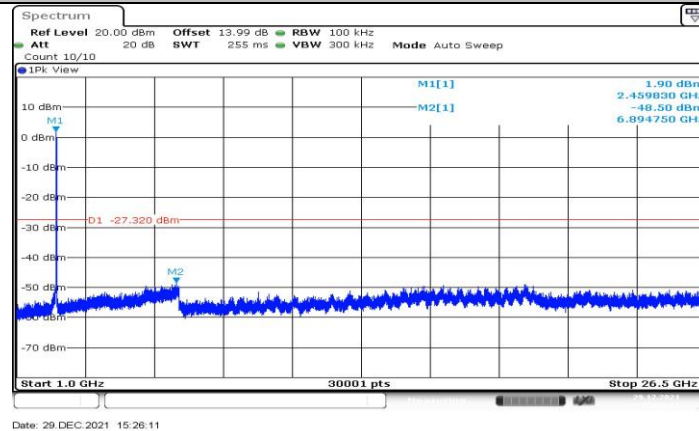
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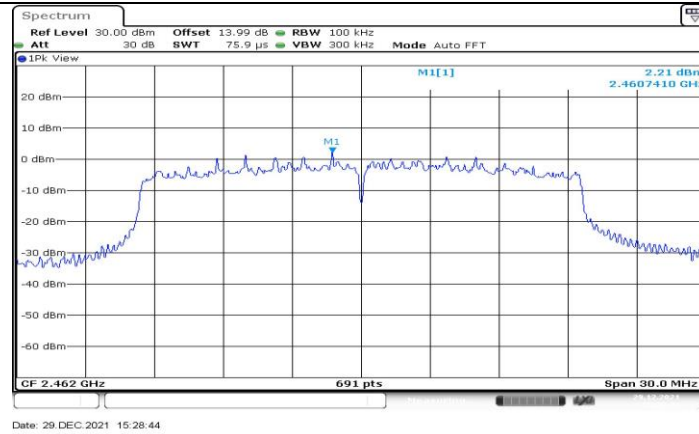
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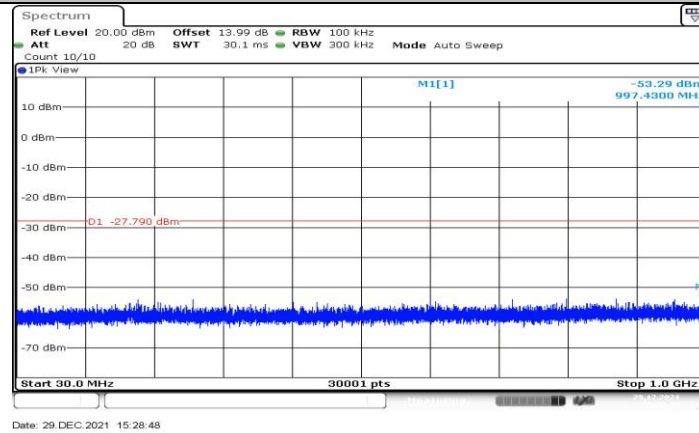
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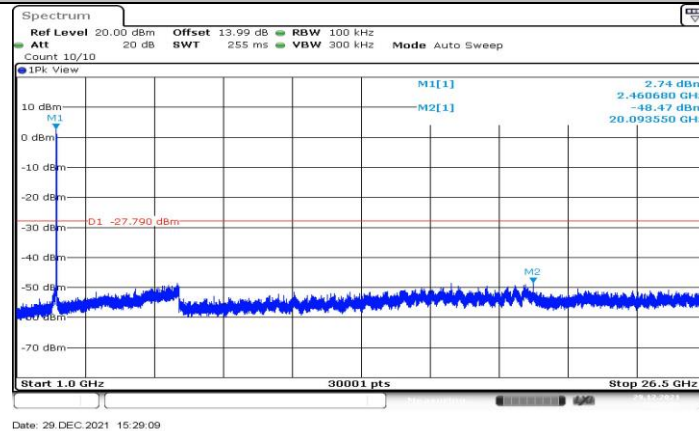
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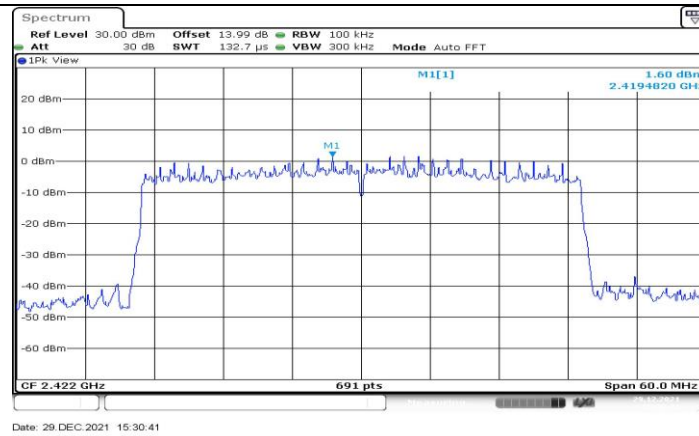
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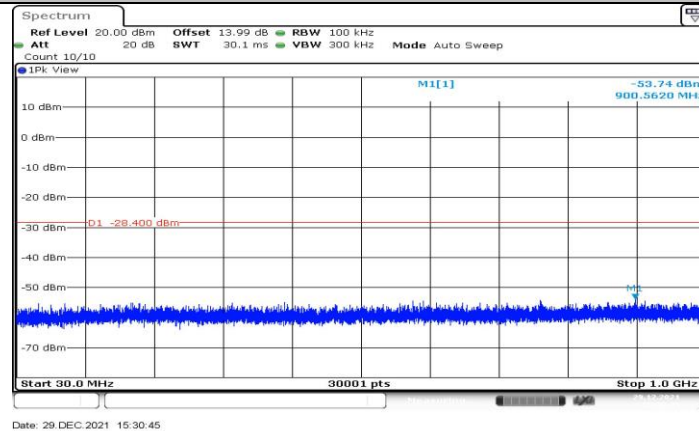
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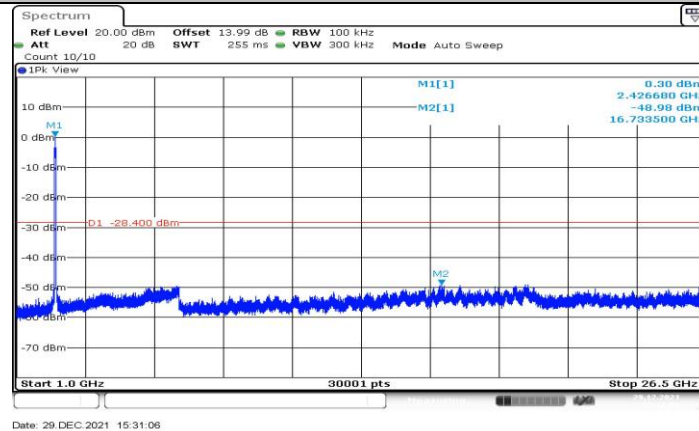
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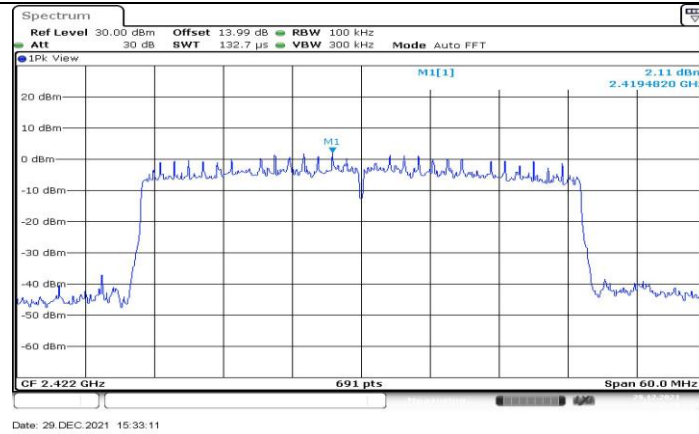
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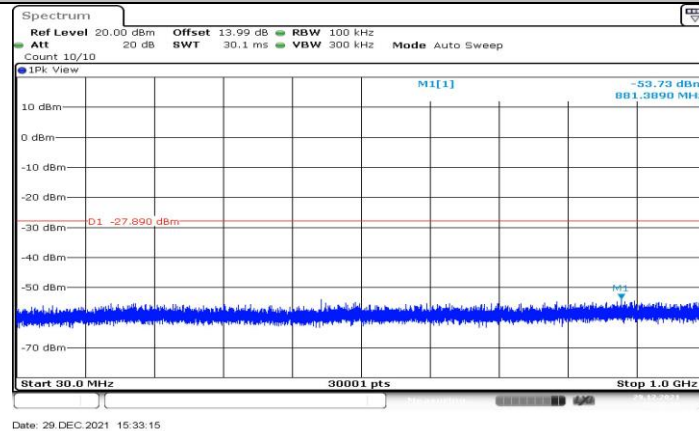
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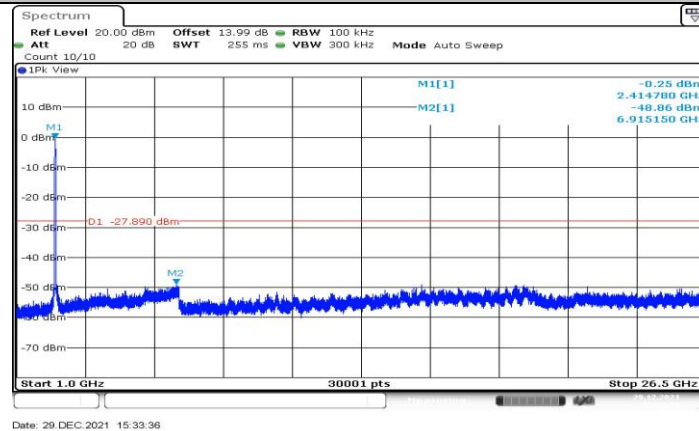
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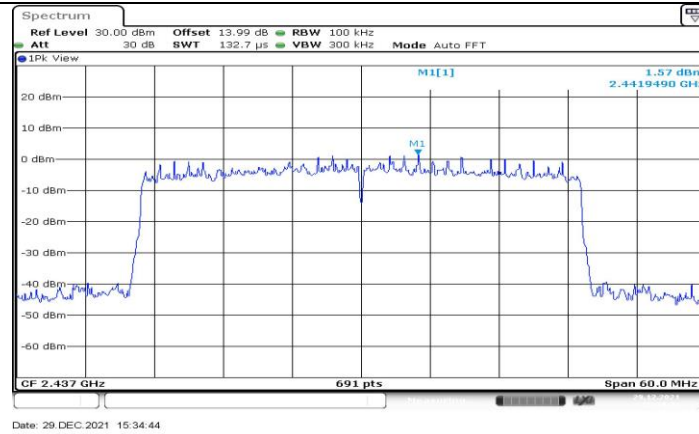
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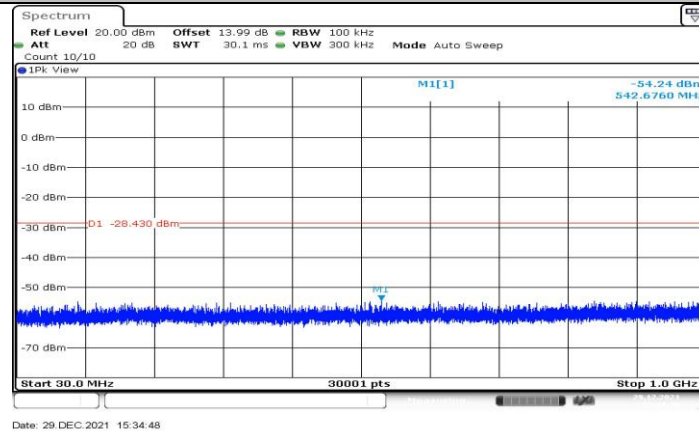
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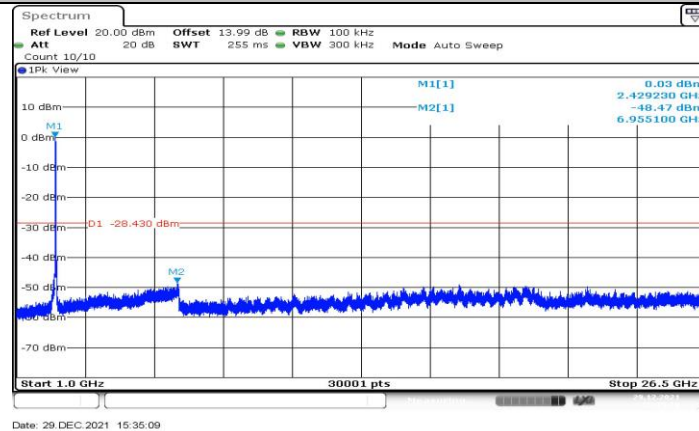
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11AX40MIMO_Ant1_2437_0~Reference



11AX40MIMO_Ant1_2437_30~1000



11AX40MIMO_Ant1_2437_1000~26500