



6.3 CONDUCTED OUTPUT POWER

6.3.1 Test Result

PK

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	16.28	≤30	PASS
	Ant1	2437	16.96	≤30	PASS
	Ant1	2462	17.47	≤30	PASS
11G	Ant1	2412	19.95	≤30	PASS
	Ant1	2437	20.00	≤30	PASS
	Ant1	2462	20.50	≤30	PASS
11N20SISO	Ant1	2412	20.25	≤30	PASS
	Ant1	2437	20.19	≤30	PASS
	Ant1	2462	20.76	≤30	PASS
11N40SISO	Ant1	2422	20.06	≤30	PASS
	Ant1	2437	19.99	≤30	PASS
	Ant1	2452	20.30	≤30	PASS

AV

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	15.15	≤30	PASS
	Ant1	2437	15.18	≤30	PASS
	Ant1	2462	15.29	≤30	PASS
11G	Ant1	2412	14.58	≤30	PASS
	Ant1	2437	14.32	≤30	PASS
	Ant1	2462	14.51	≤30	PASS
11N20SISO	Ant1	2412	14.37	≤30	PASS
	Ant1	2437	14.24	≤30	PASS
	Ant1	2462	14.21	≤30	PASS
11N40SISO	Ant1	2422	14.16	≤30	PASS
	Ant1	2437	14.13	≤30	PASS
	Ant1	2452	14.11	≤30	PASS



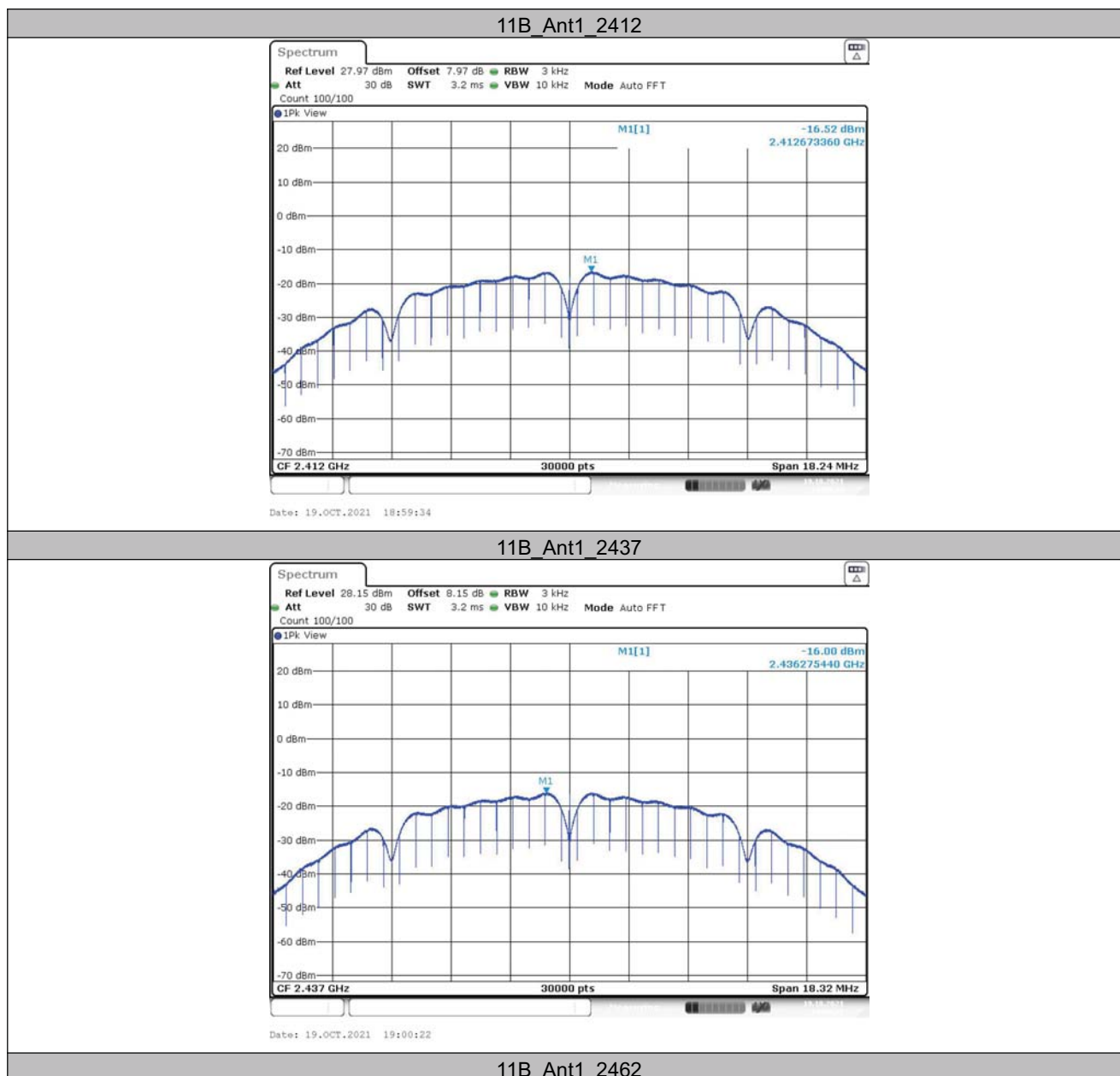
6.4 POWER SPECTRAL DENSITY MEASUREMENT

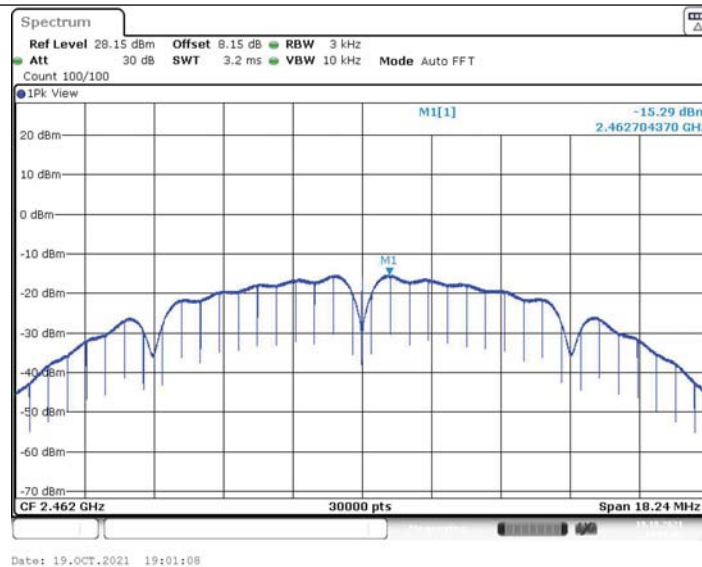
6.4.1 Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-16.52	≤8	PASS
		2437	-16	≤8	PASS
		2462	-15.29	≤8	PASS
11G	Ant1	2412	-13.83	≤8	PASS
		2437	-11.98	≤8	PASS
		2462	-11.15	≤8	PASS
11N20SISO	Ant1	2412	-13.82	≤8	PASS
		2437	-11.99	≤8	PASS
		2462	-11.19	≤8	PASS
11N40SISO	Ant1	2422	-12.63	≤8	PASS
		2437	-12.01	≤8	PASS
		2452	-11.58	≤8	PASS

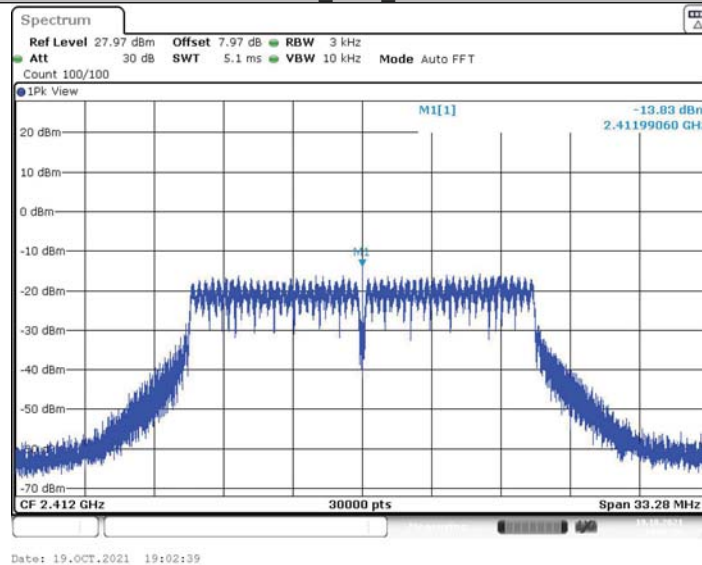


6.4.2 Test Graphs

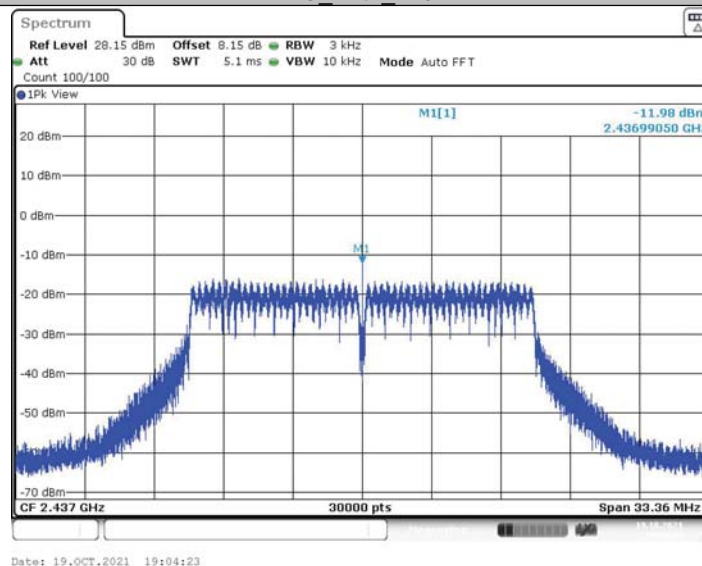




11G_Ant1_2412

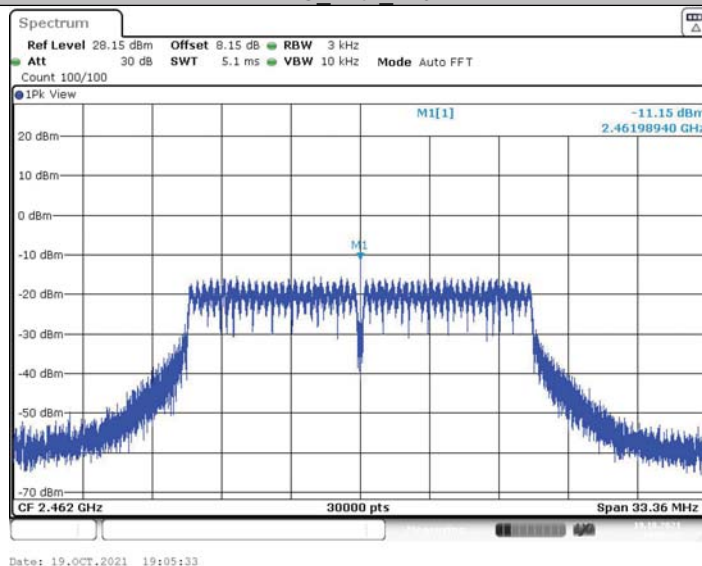


11G_Ant1_2437

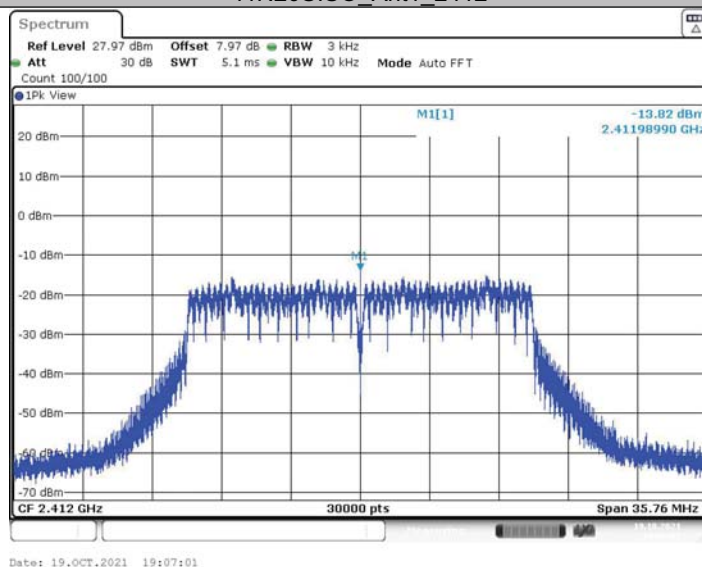




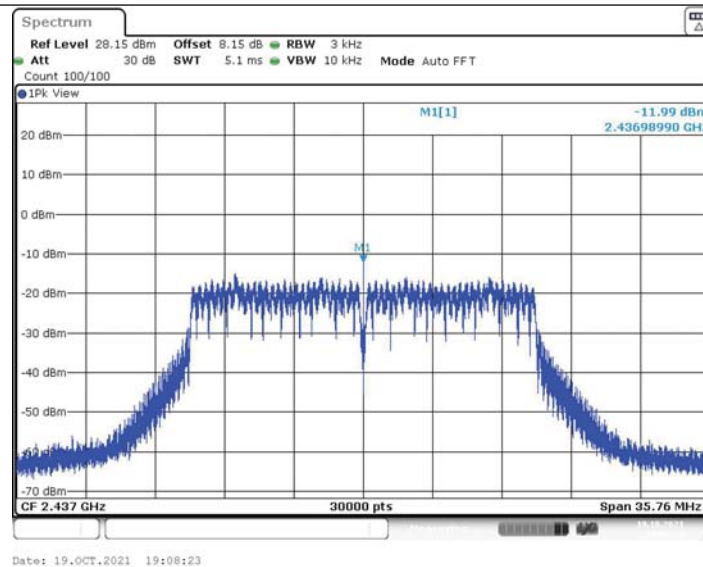
11G_Ant1_2462



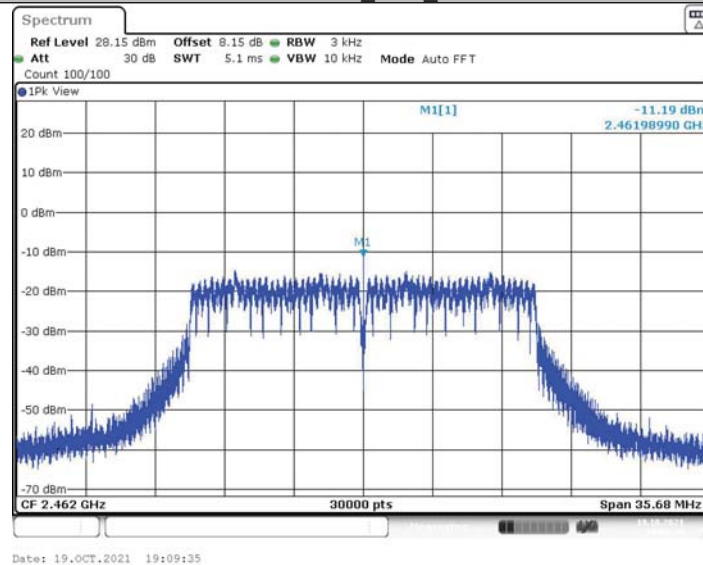
11N20SISO_Ant1_2412



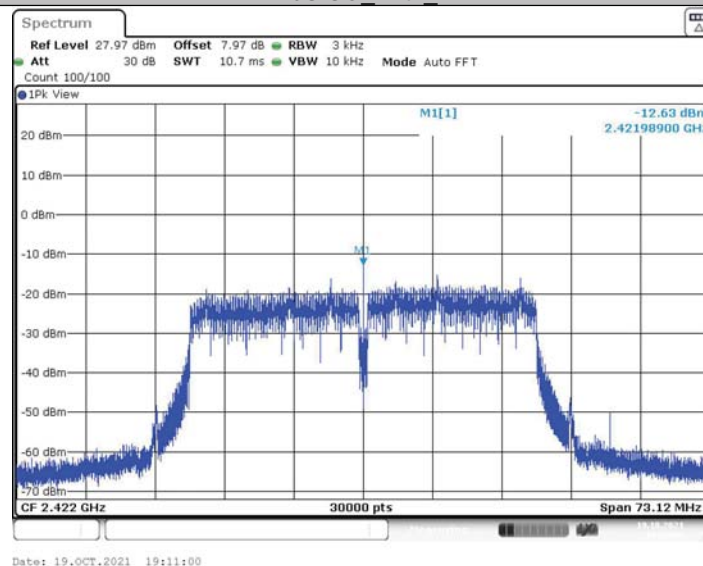
11N20SISO_Ant1_2437



11N20SISO_Ant1_2462

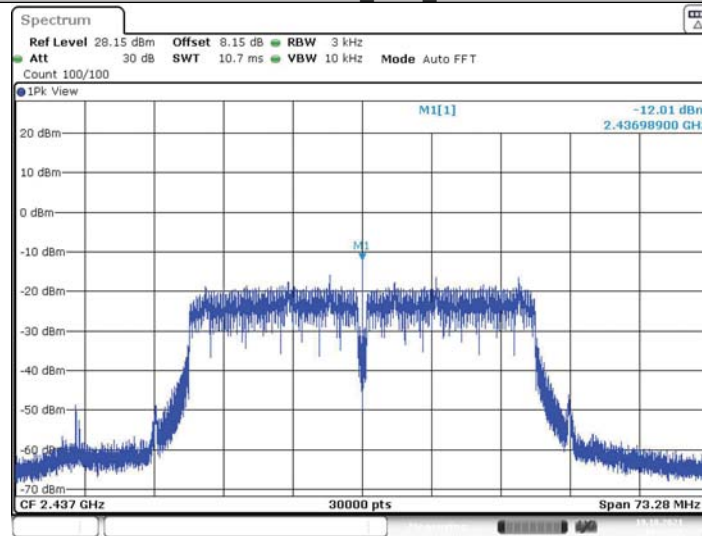


11N40SISO_Ant1_2422



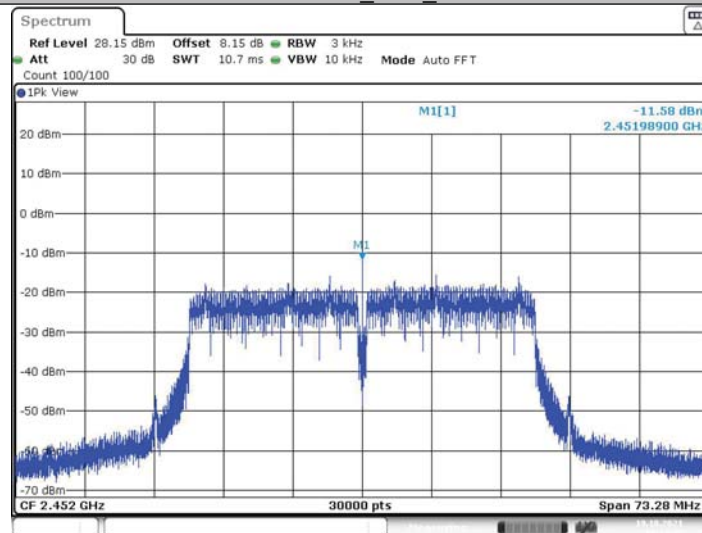


11N40SISO_Ant1_2437



Date: 19.OCT.2021 19:12:17

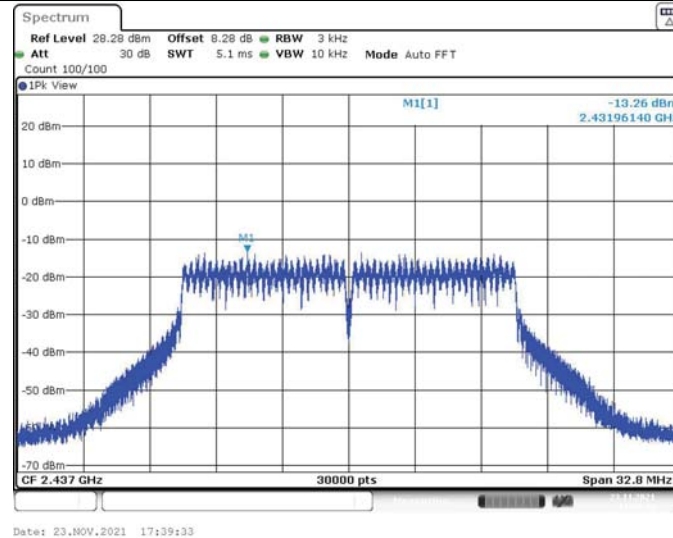
11N40SISO_Ant1_2452



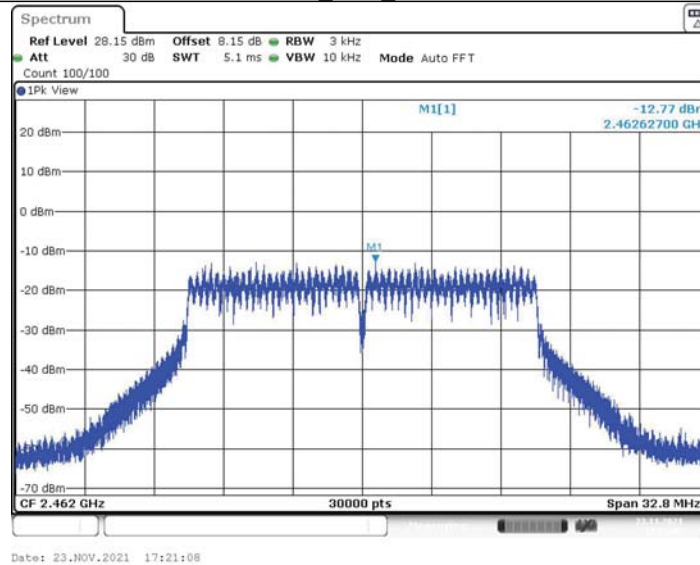
Date: 19.OCT.2021 19:13:33



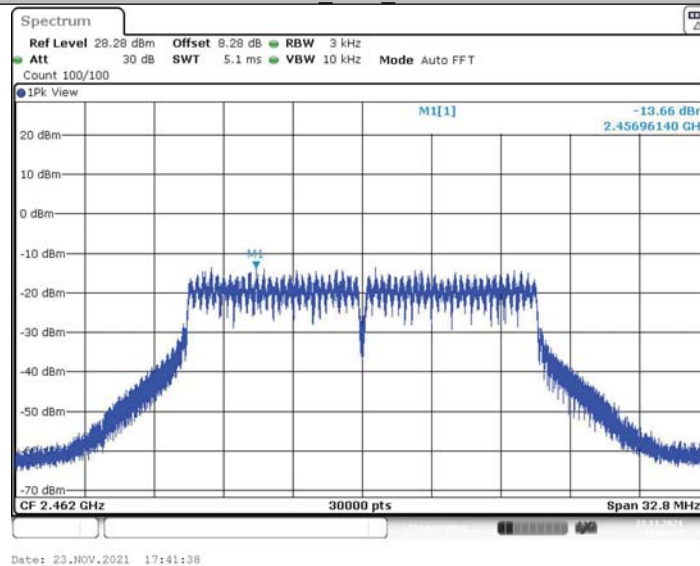
11G_Ant2_2437



11G_Ant1_2462

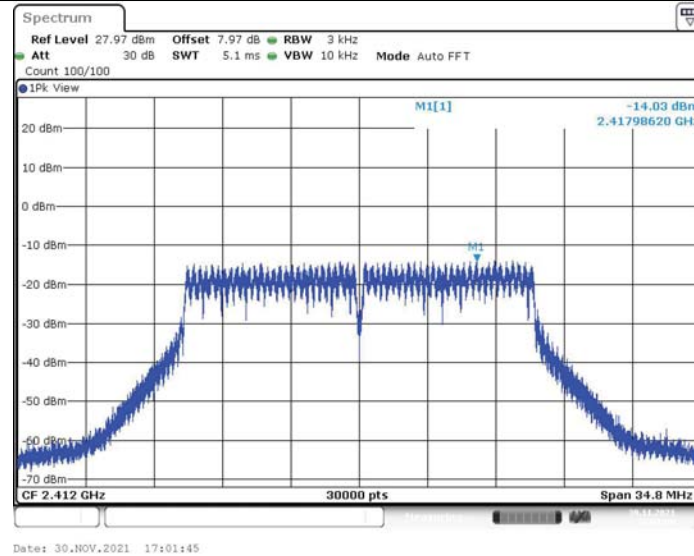


11G_Ant2_2462

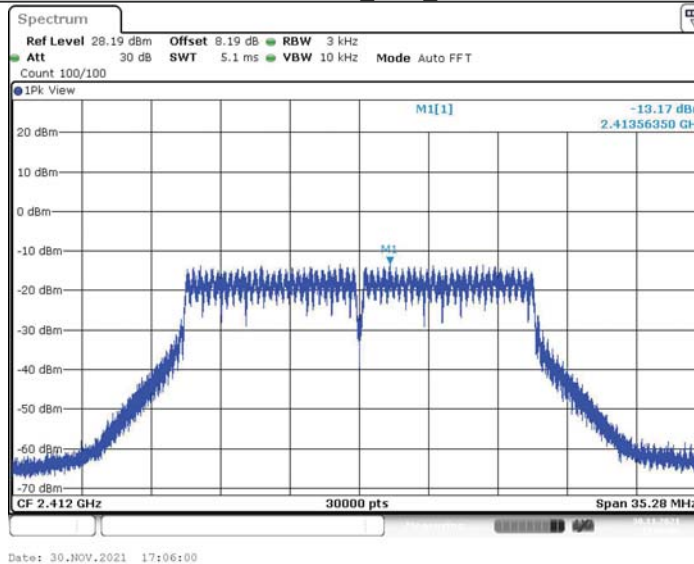




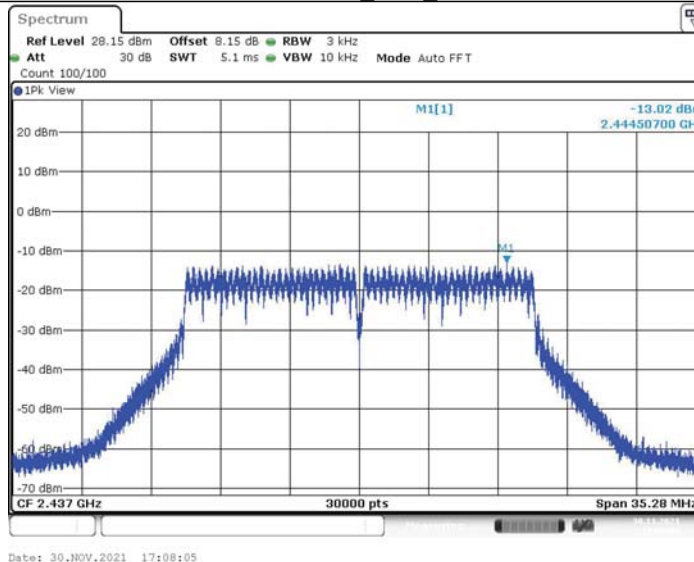
11N20MIMO_Ant1_2412



11N20MIMO_Ant2_2412

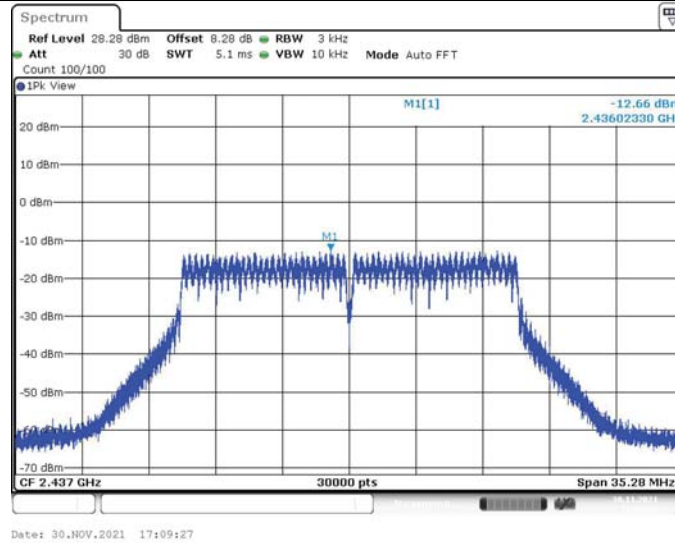


11N20MIMO_Ant1_2437

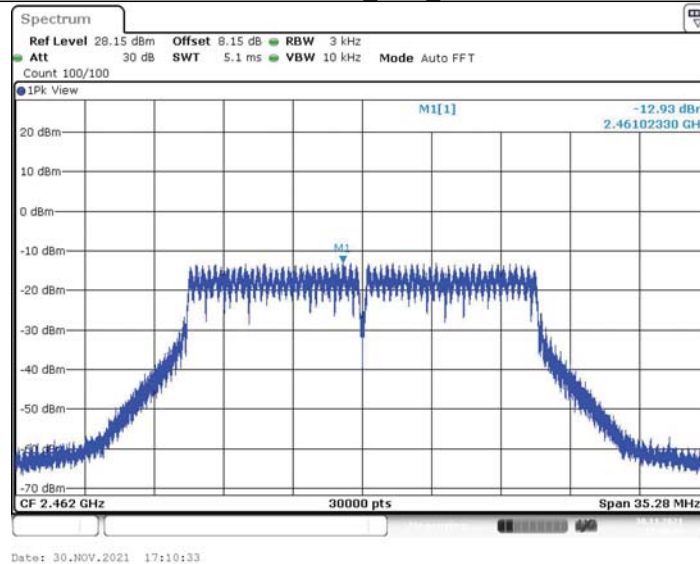




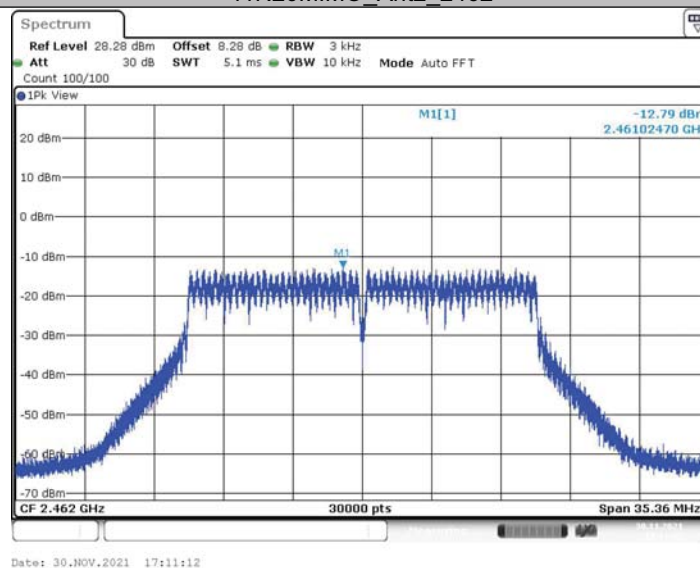
11N20MIMO_Ant2_2437



11N20MIMO_Ant1_2462



11N20MIMO_Ant2_2462





6.5 Band edge measurements

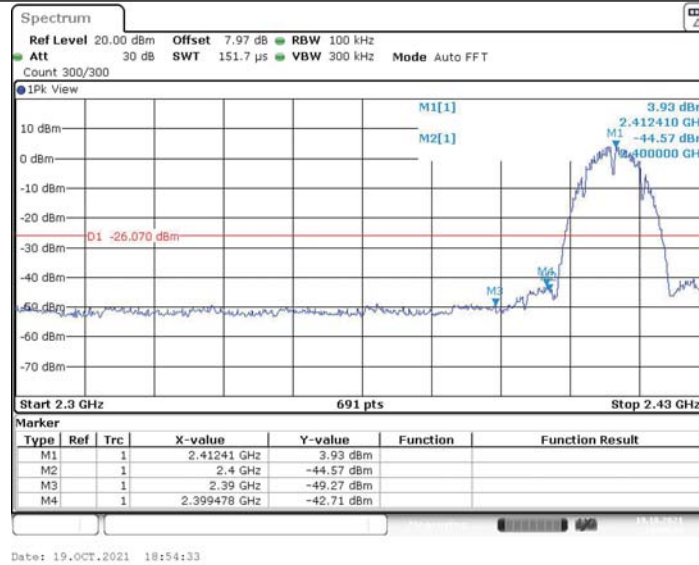
6.5.1 Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	3.93	-42.71	≤-26.07	PASS
		High	2462	5.19	-47.24	≤-24.81	PASS
11G	Ant1	Low	2412	-1.22	-36.41	≤-31.22	PASS
		High	2462	-0.97	-46.49	≤-30.97	PASS
11N20SISO	Ant1	Low	2412	-1.26	-37.25	≤-31.26	PASS
		High	2462	-0.56	-45.89	≤-30.56	PASS
11N40SISO	Ant1	Low	2422	-4.14	-39.1	≤-34.14	PASS
		High	2452	-4.26	-43.65	≤-34.26	PASS

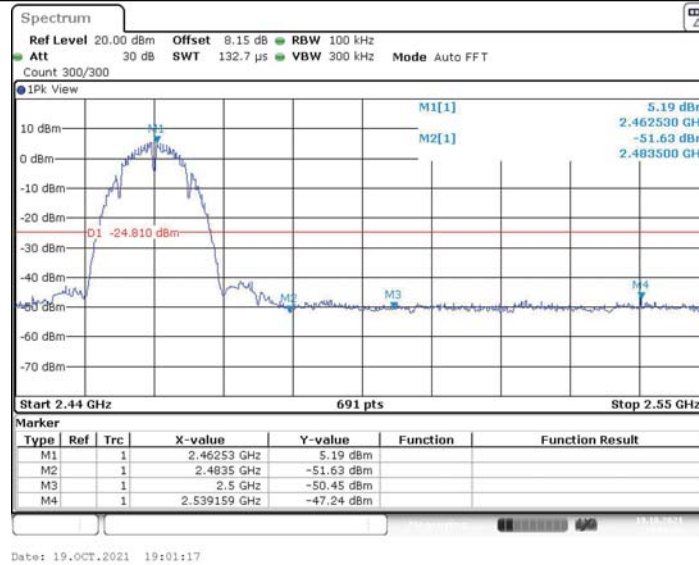


6.5.2 Test Graphs

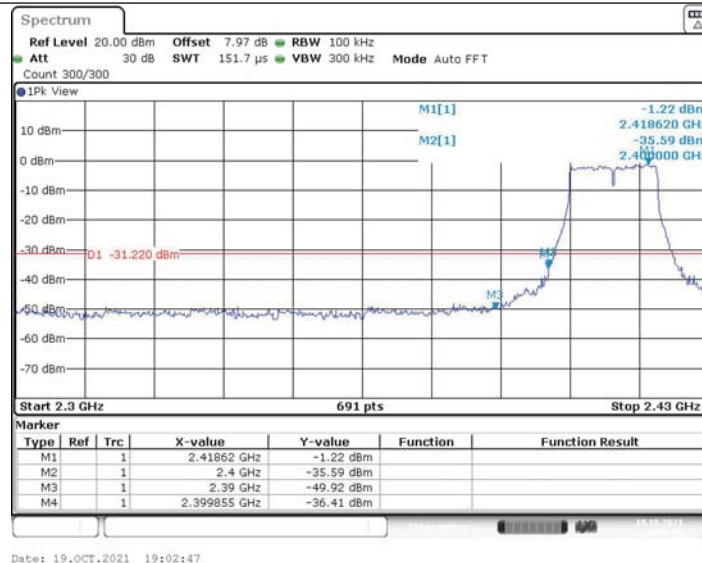
11B_Ant1_Low_2412



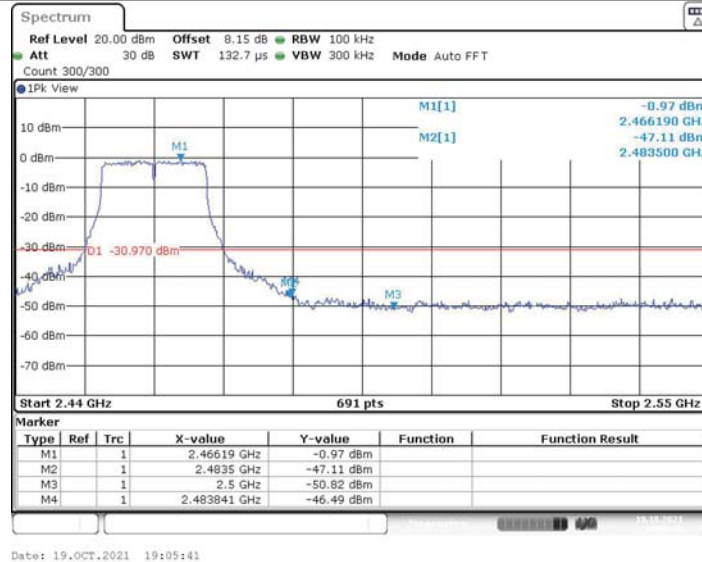
11B_Ant1_High_2462



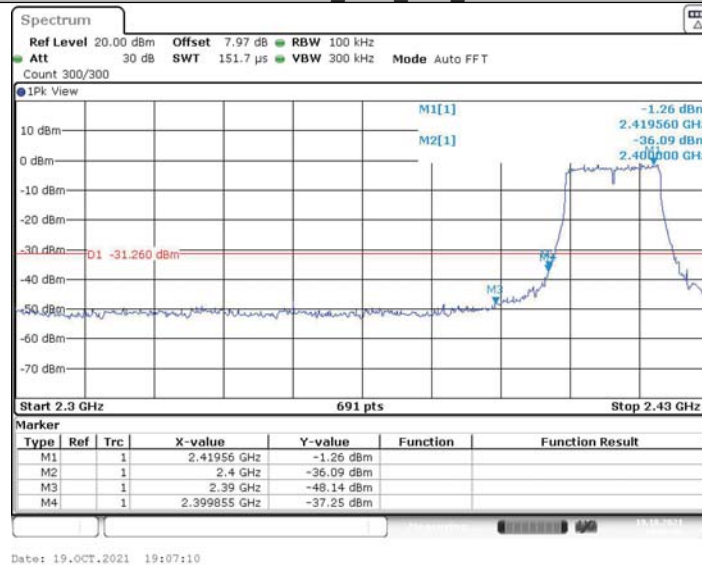
11G_Ant1_Low_2412



11G_Ant1_High_2462

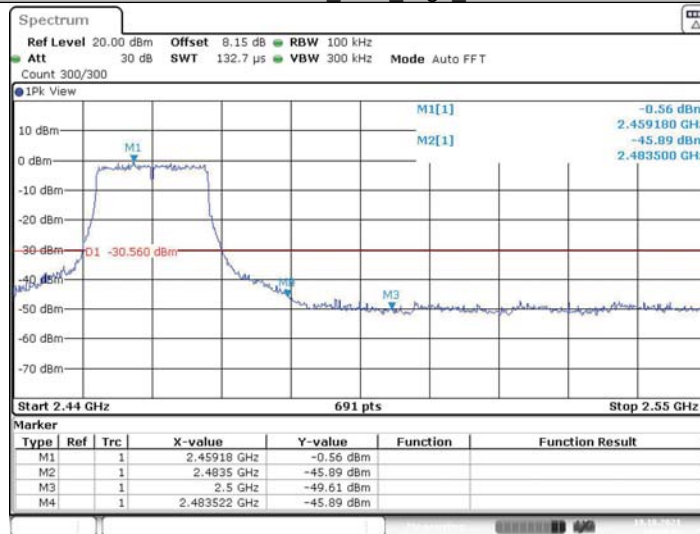


11N20SISO_Ant1_Low_2412

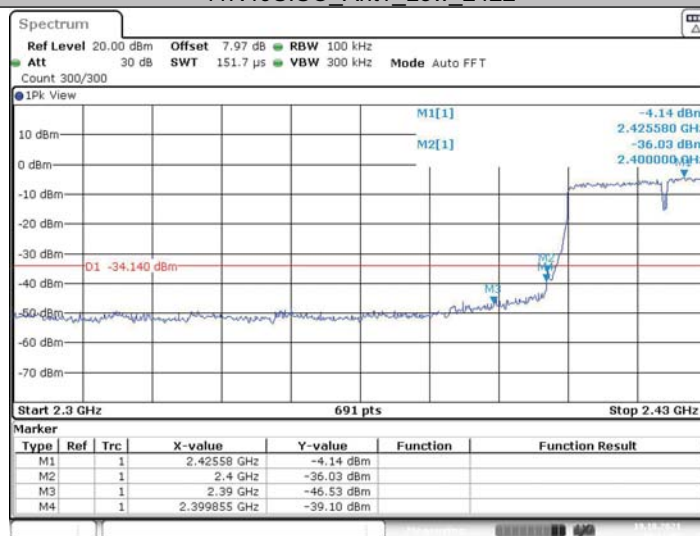




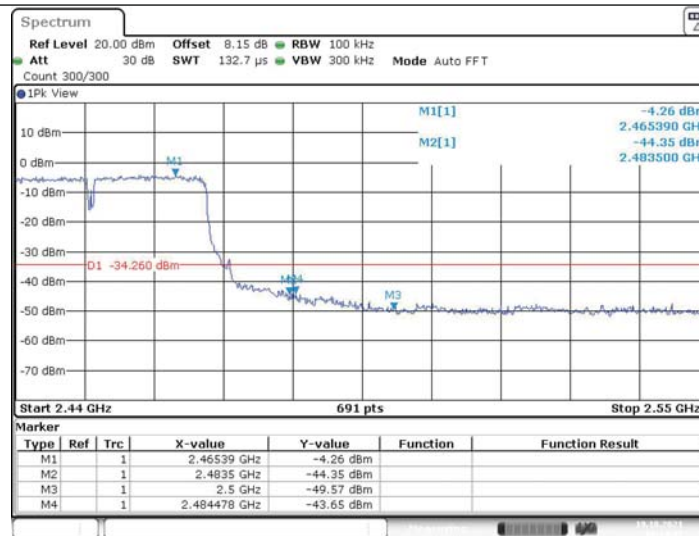
11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



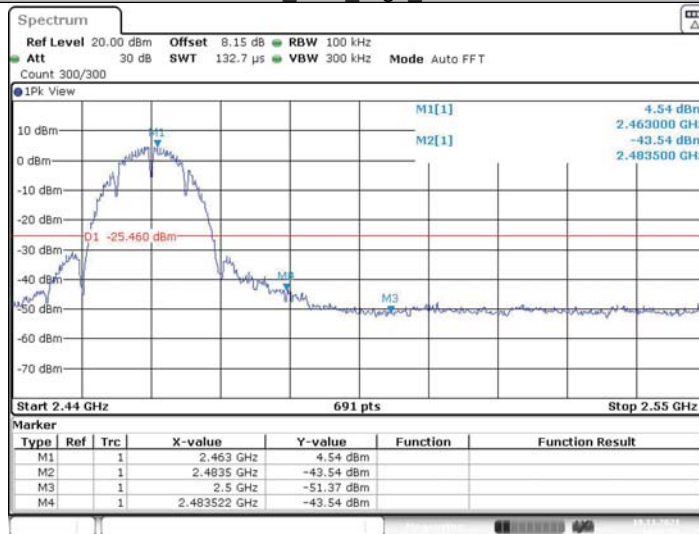
11N40SISO_Ant1_High_2452



Date: 19.OCT.2021 19:13:41

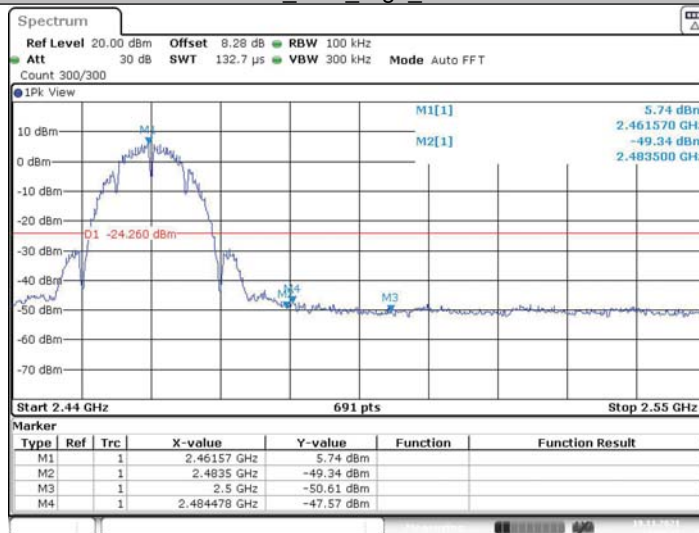


11B_Ant1_High_2462



Date: 19.NOV.2021 13:27:19

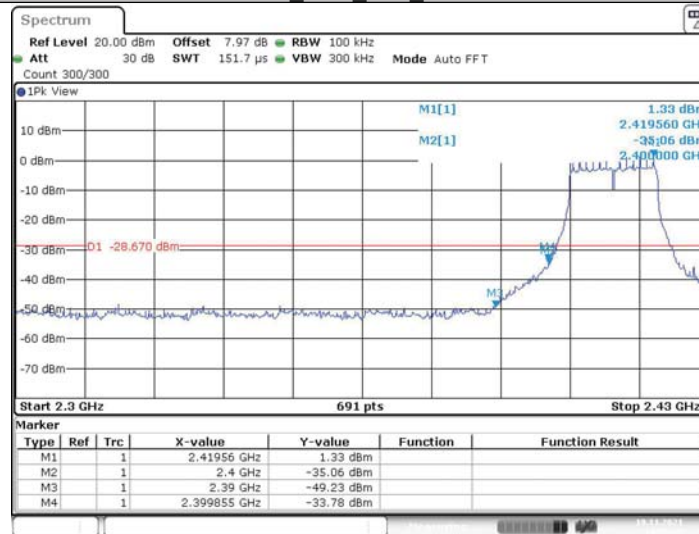
11B_Ant2_High_2462



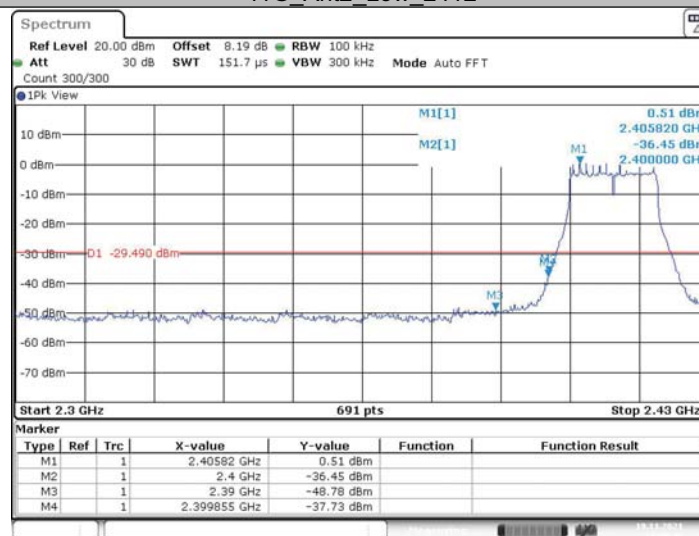
Date: 19.NOV.2021 13:44:21



11G_Ant1_Low_2412

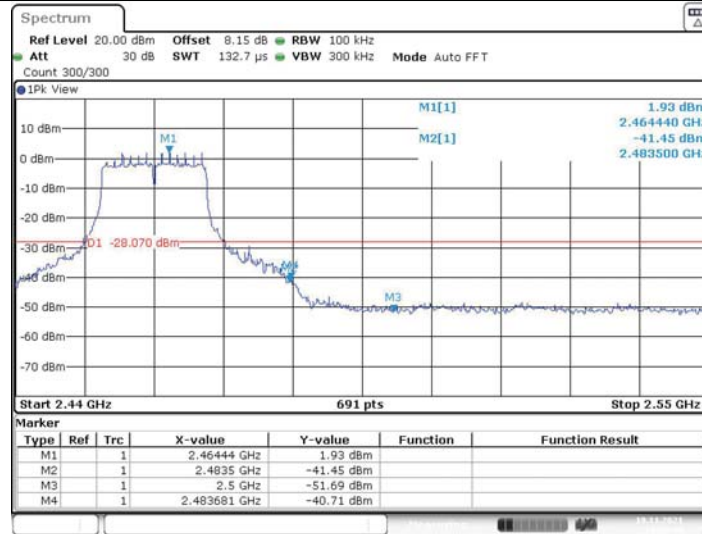


11G_Ant2_Low_2412

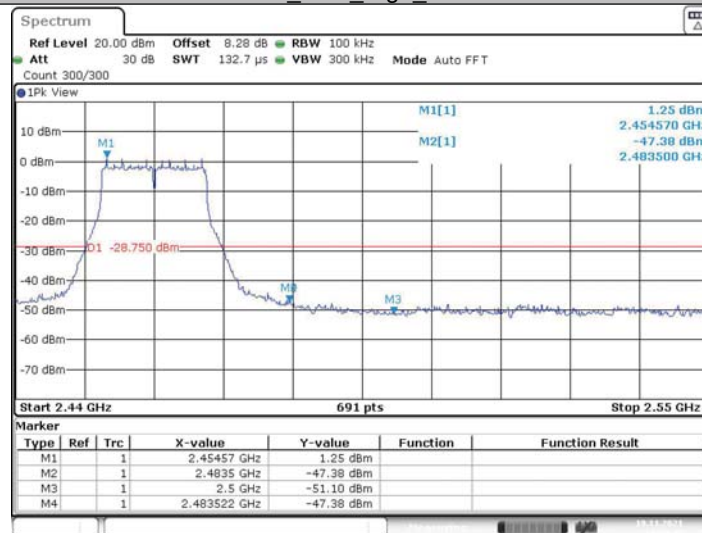




11G_Ant1_High_2462

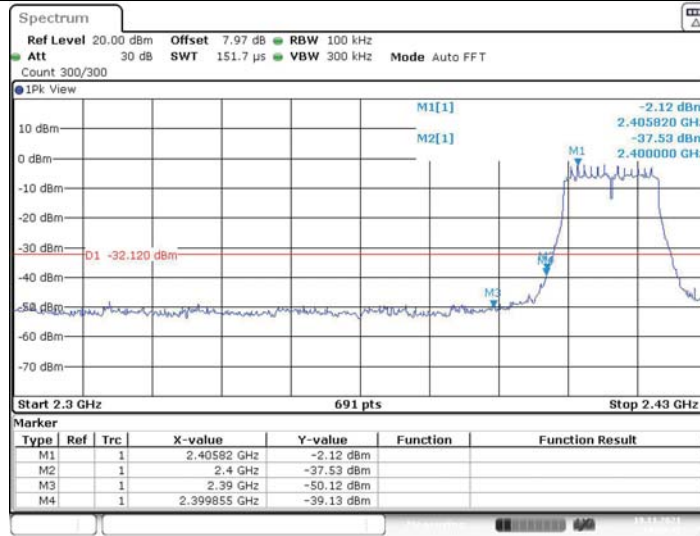


11G_Ant2_High_2462

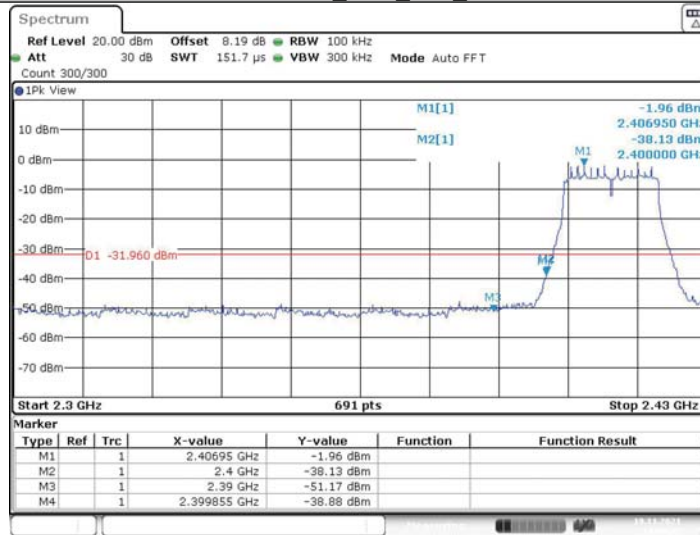




11N20MIMO_Ant1_Low_2412

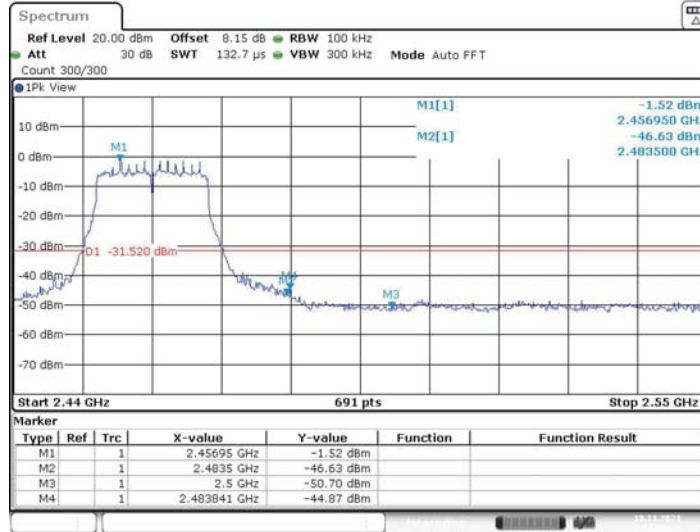


11N20MIMO_Ant2_Low_2412



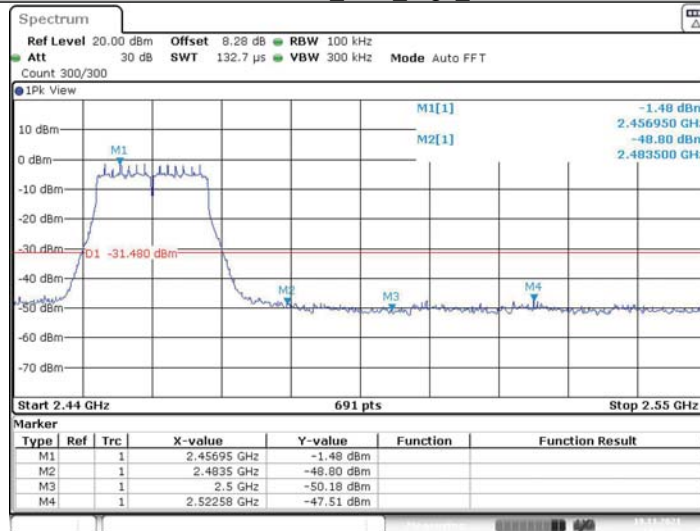


11N20MIMO_Ant1_High_2462



Date: 19.NOV.2021 14:35:29

11N20MIMO_Ant2_High_2462



Date: 19.NOV.2021 14:37:17



6.6 OUT OF BAND EMISSION MEASUREMENT

6.6.1 Test Result

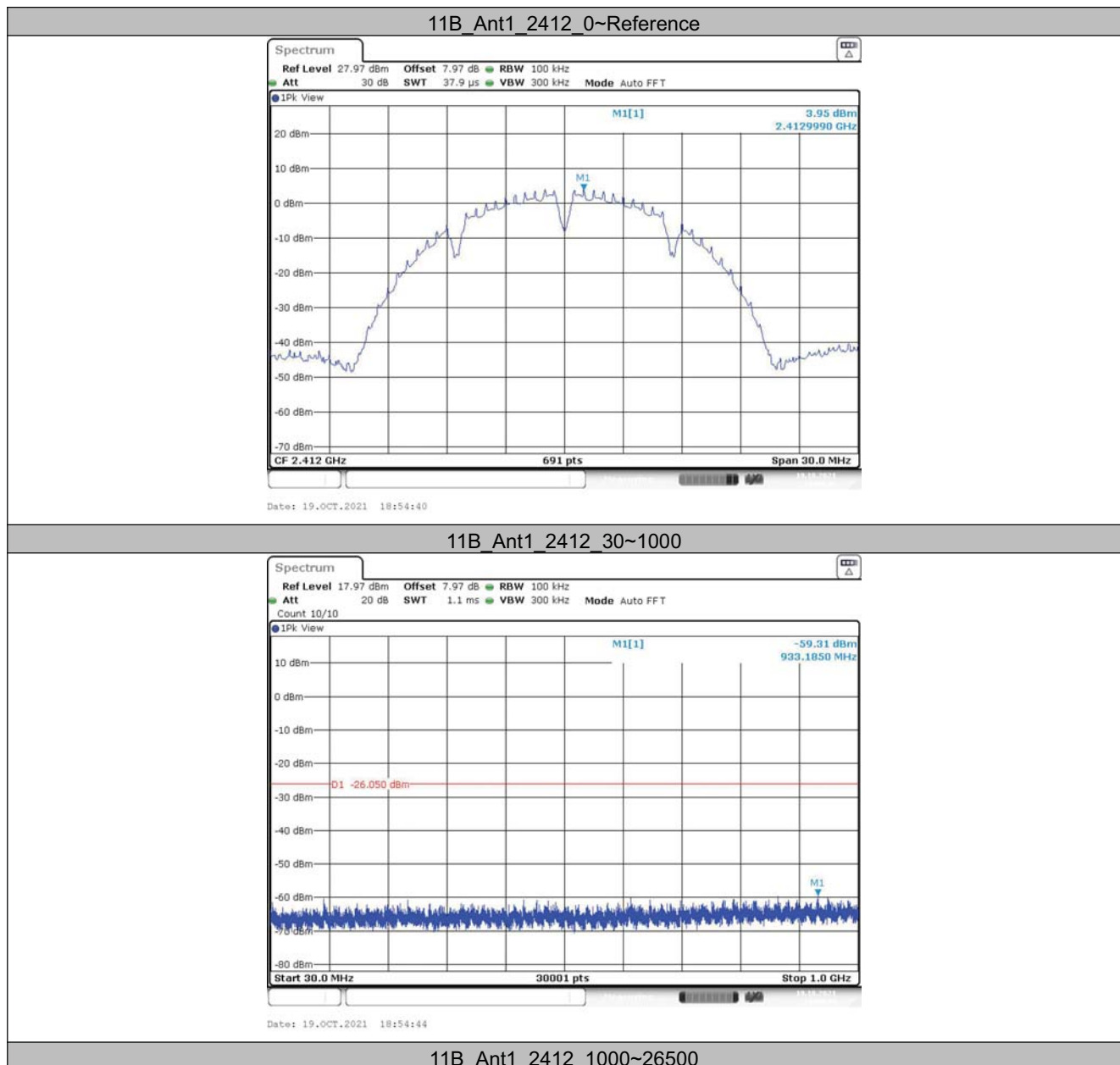
TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	3.95	3.95	---	PASS
			30~1000	3.95	-59.31	≤-26.05	PASS
			1000~26500	3.95	-35.59	≤-26.05	PASS
		2437	Reference	4.49	4.49	---	PASS
			30~1000	4.49	-59.79	≤-25.51	PASS
			1000~26500	4.49	-35.43	≤-25.51	PASS
		2462	Reference	5.18	5.18	---	PASS
			30~1000	5.18	-58.87	≤-24.82	PASS
			1000~26500	5.18	-34.39	≤-24.82	PASS
11G	Ant1	2412	Reference	-1.11	-1.11	---	PASS
			30~1000	-1.11	-60.37	≤-31.11	PASS
			1000~26500	-1.11	-45.77	≤-31.11	PASS
		2437	Reference	-1.76	-1.76	---	PASS
			30~1000	-1.76	-58.94	≤-31.76	PASS
			1000~26500	-1.76	-44.28	≤-31.76	PASS
		2462	Reference	-0.94	-0.94	---	PASS
			30~1000	-0.94	-59.54	≤-30.94	PASS
			1000~26500	-0.94	-45.18	≤-30.94	PASS
11N20SISO	Ant1	2412	Reference	-1.29	-1.29	---	PASS
			30~1000	-1.29	-60.3	≤-31.29	PASS
			1000~26500	-1.29	-38.53	≤-31.29	PASS
		2437	Reference	-1.27	-1.27	---	PASS
			30~1000	-1.27	-59.78	≤-31.27	PASS
			1000~26500	-1.27	-39.34	≤-31.27	PASS
		2462	Reference	-0.78	-0.78	---	PASS
			30~1000	-0.78	-59.75	≤-30.78	PASS
			1000~26500	-0.78	-37.97	≤-30.78	PASS
11N40SISO	Ant1	2422	Reference	-4.27	-4.27	---	PASS
			30~1000	-4.27	-58.68	≤-34.27	PASS
			1000~26500	-4.27	-38.96	≤-34.27	PASS
		2437	Reference	-4.90	-4.90	---	PASS
			30~1000	-4.90	-60.21	≤-34.9	PASS
			1000~26500	-4.90	-47.61	≤-34.9	PASS
		2452	Reference	-4.37	-4.37	---	PASS
			30~1000	-4.37	-59.45	≤-34.37	PASS
			1000~26500	-4.37	-46.34	≤-34.37	PASS

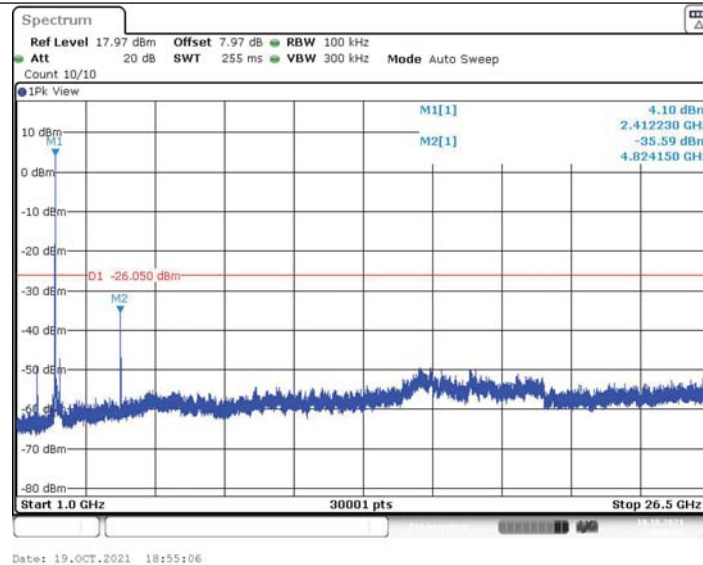


11N20MIMO	Ant1	2412	Reference	-1.63	-1.63	---	PASS
			30~1000	-1.63	-60.43	≤ -31.63	PASS
			1000~26500	-1.63	-49.62	≤ -31.63	PASS
	Ant2	2412	Reference	-1.61	-1.61	---	PASS
			30~1000	-1.61	-60.02	≤ -31.61	PASS
			1000~26500	-1.61	-48.2	≤ -31.61	PASS
	Ant1	2437	Reference	-2.24	-2.24	---	PASS
			30~1000	-2.24	-59.53	≤ -32.24	PASS
			1000~26500	-2.24	-49.05	≤ -32.24	PASS
	Ant2	2437	Reference	-0.89	-0.89	---	PASS
			30~1000	-0.89	-59.42	≤ -30.89	PASS
			1000~26500	-0.89	-48.78	≤ -30.89	PASS
	Ant1	2462	Reference	-1.50	-1.50	---	PASS
			30~1000	-1.50	-59.1	≤ -31.5	PASS
			1000~26500	-1.50	-47.58	≤ -31.5	PASS
	Ant2	2462	Reference	-1.14	-1.14	---	PASS
			30~1000	-1.14	-58.53	≤ -31.14	PASS
			1000~26500	-1.14	-48.76	≤ -31.14	PASS

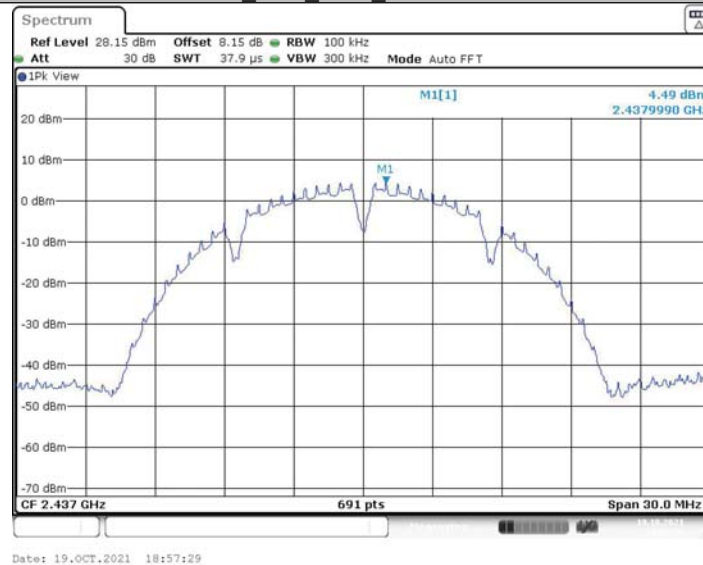


6.6.2 Test Graphs

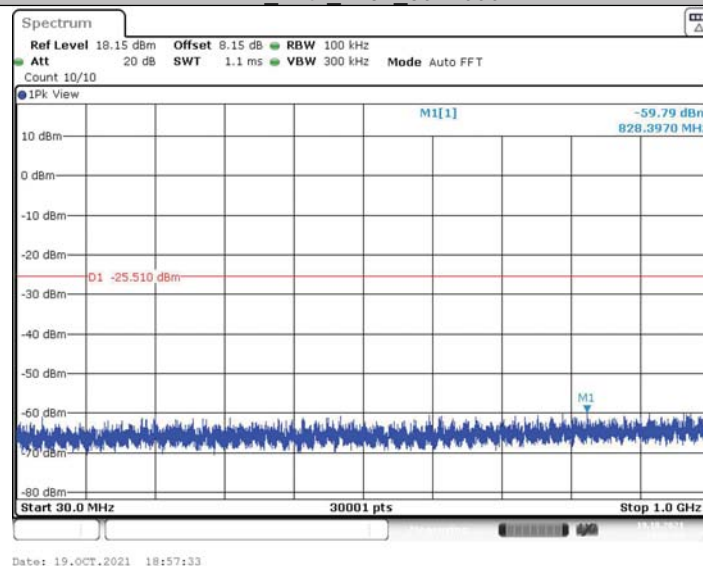




11B_Ant1_2437_0~Reference

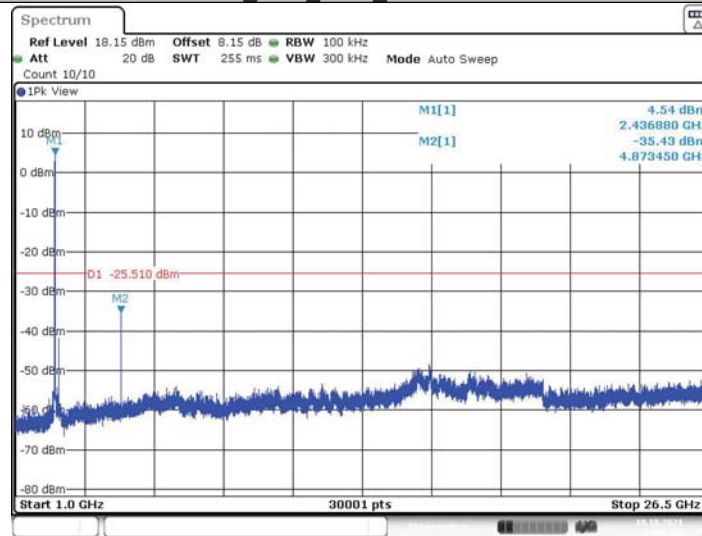


11B_Ant1_2437_30~1000



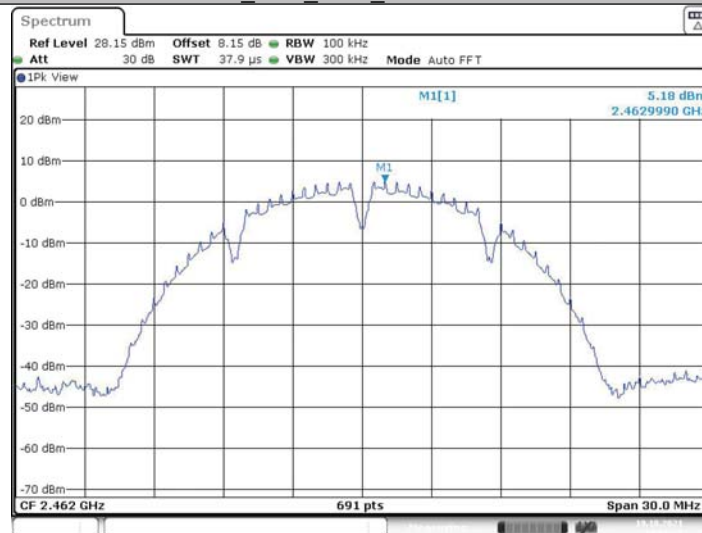


11B_Ant1_2437_1000~26500



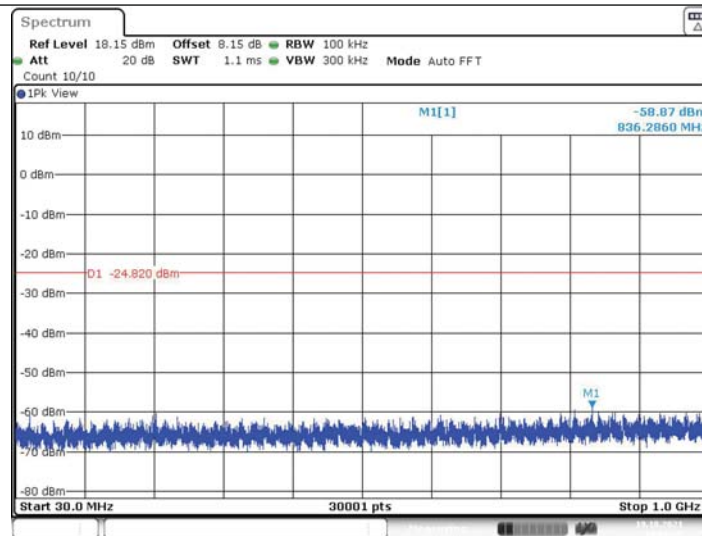
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11B_Ant1_2462_0~Reference



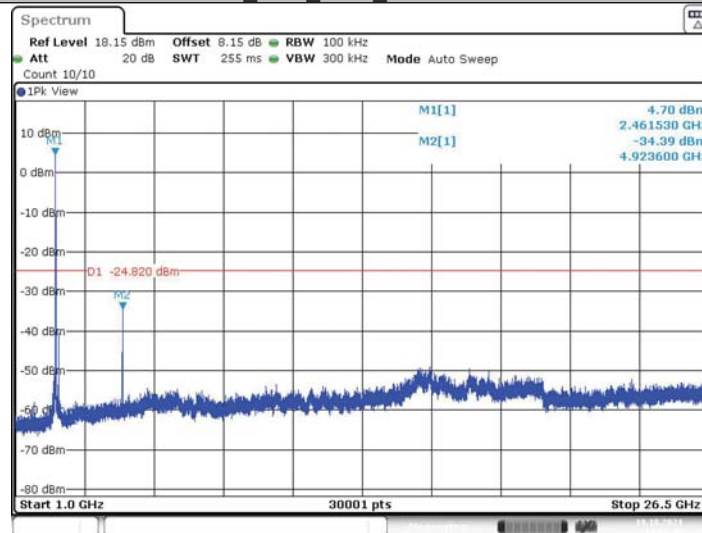
Date: 19.OCT.2021 19:01:22

11B_Ant1_2462_30~1000



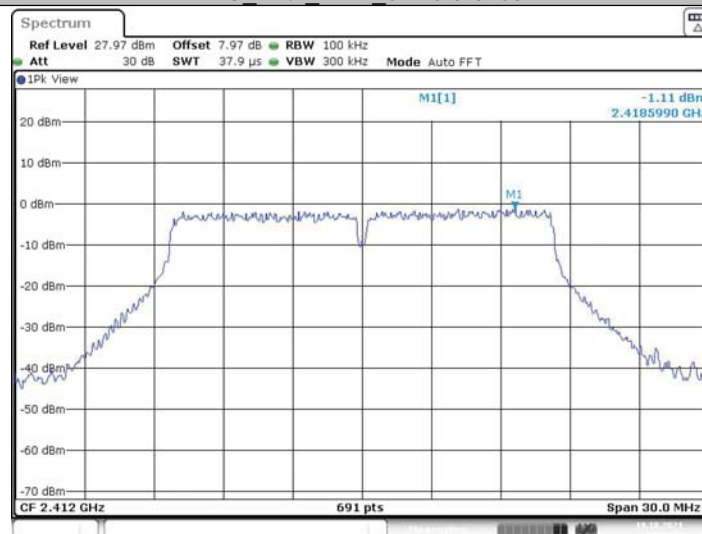
Date: 19.OCT.2021 19:01:26

11B_Ant1_2462_1000~26500



Date: 19.OCT.2021 19:01:48

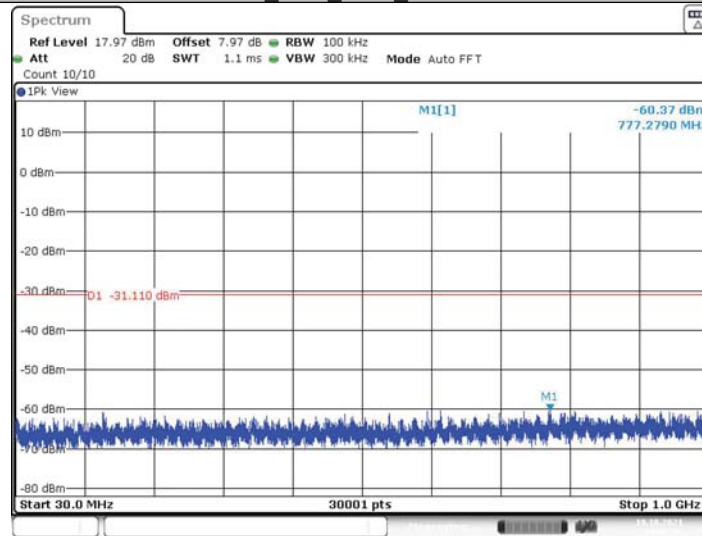
11G_Ant1_2412_0~Reference



Date: 19.OCT.2021 19:02:53

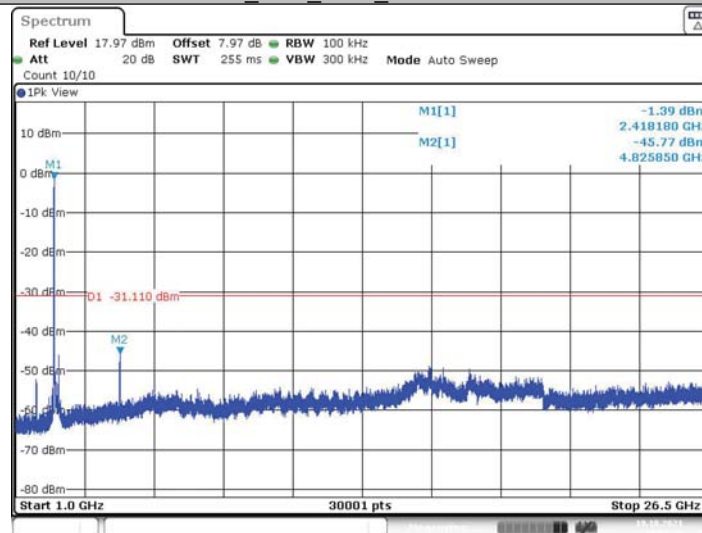


11G_Ant1_2412_30~1000



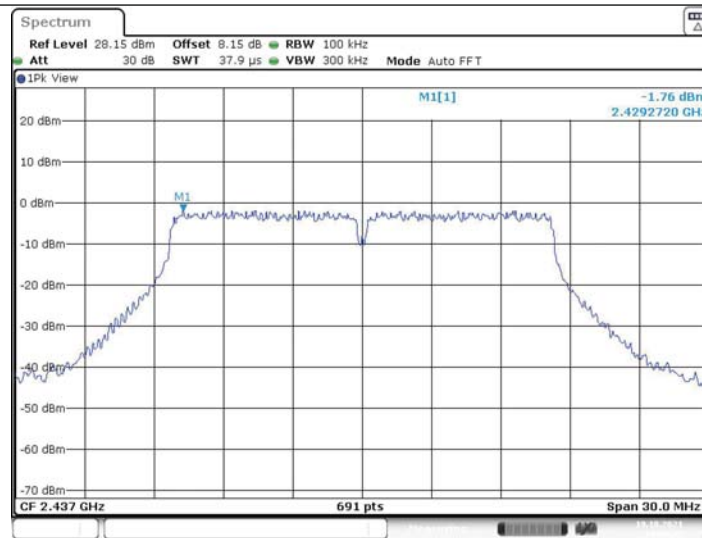
Date: 19.OCT.2021 19:02:57

11G_Ant1_2412_1000~26500



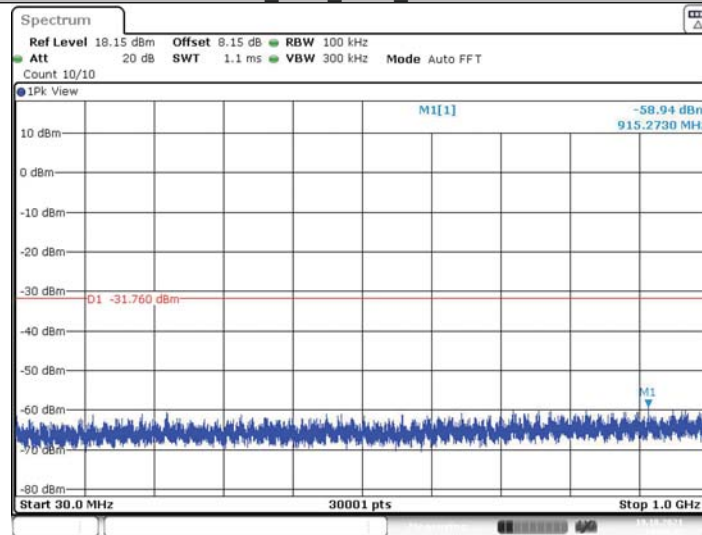
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11G_Ant1_2437_0~Reference



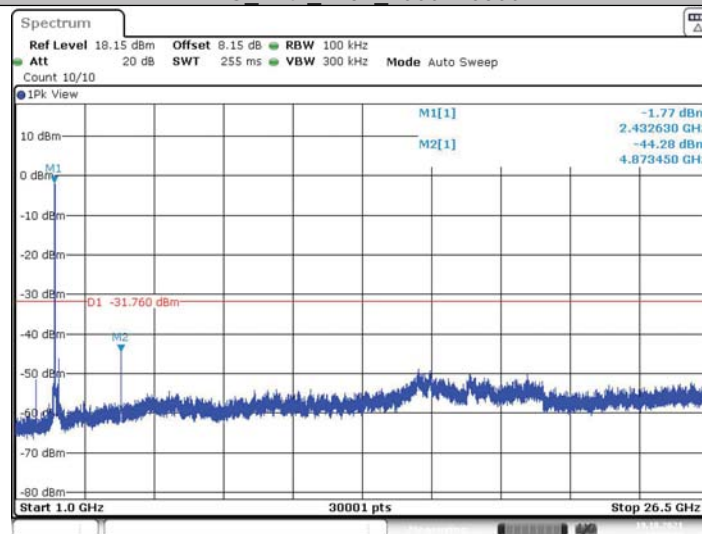
Date: 19.OCT.2021 19:04:28

11G_Ant1_2437_30~1000



Date: 19.OCT.2021 19:04:32

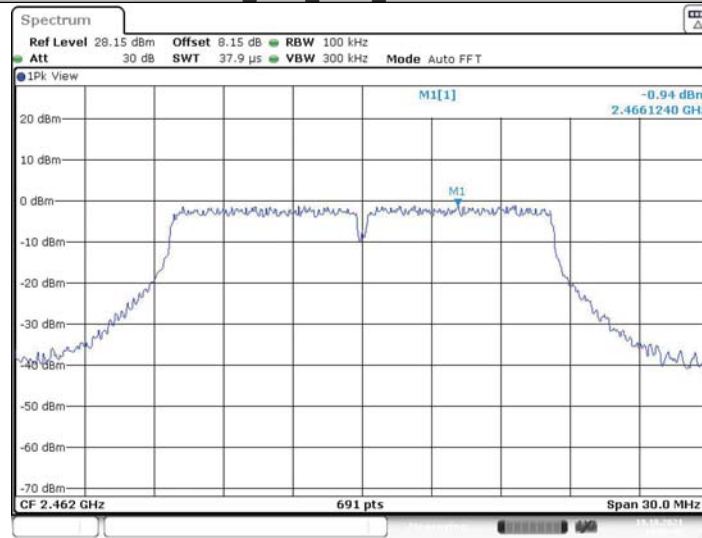
11G_Ant1_2437_1000~26500



Date: 19.OCT.2021 19:04:54

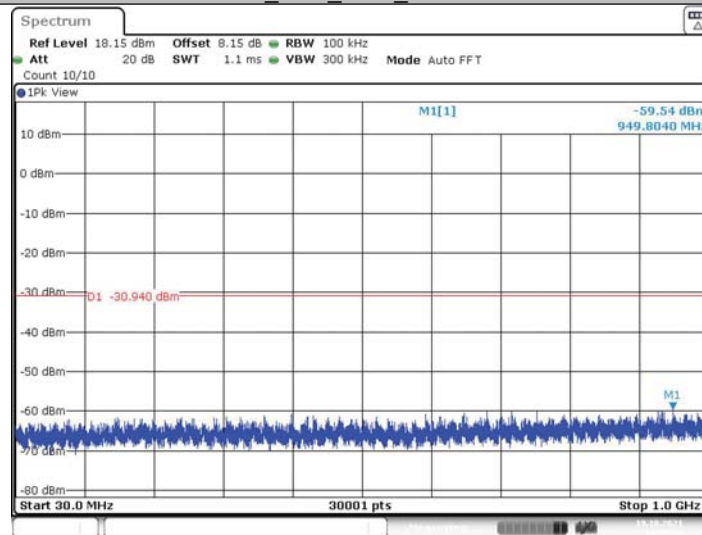


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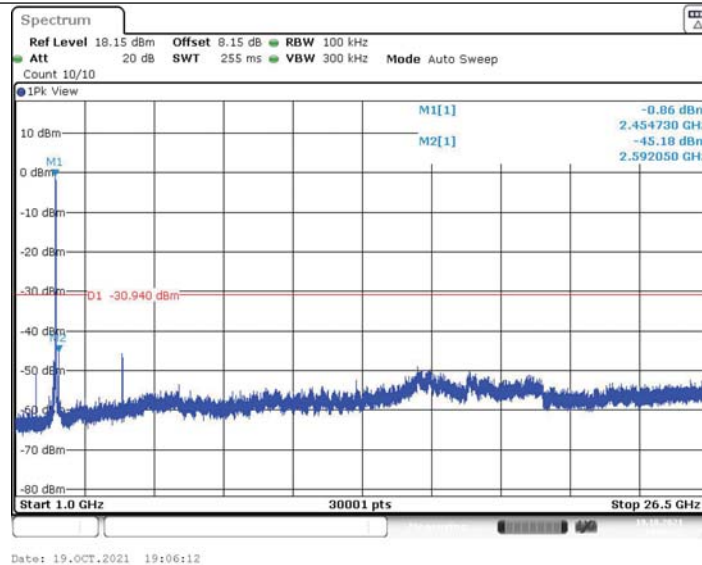
Date: 19.OCT.2021 19:05:46

11G_Ant1_2462_30~1000

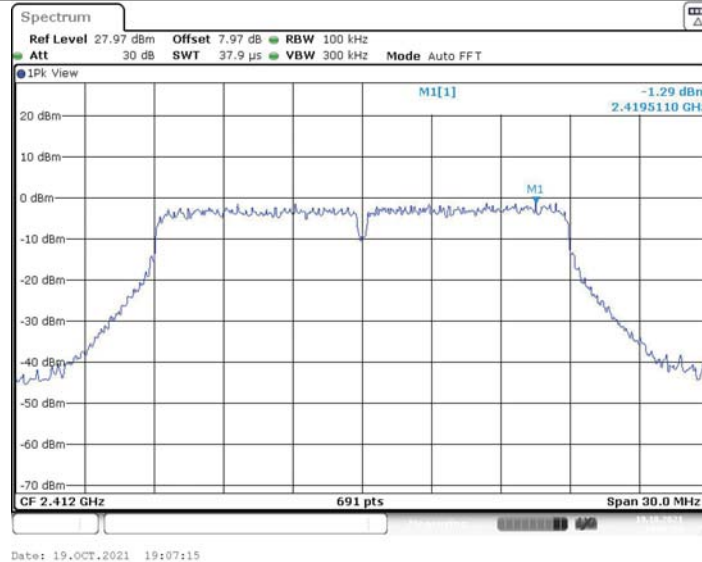


Date: 19.OCT.2021 19:05:50

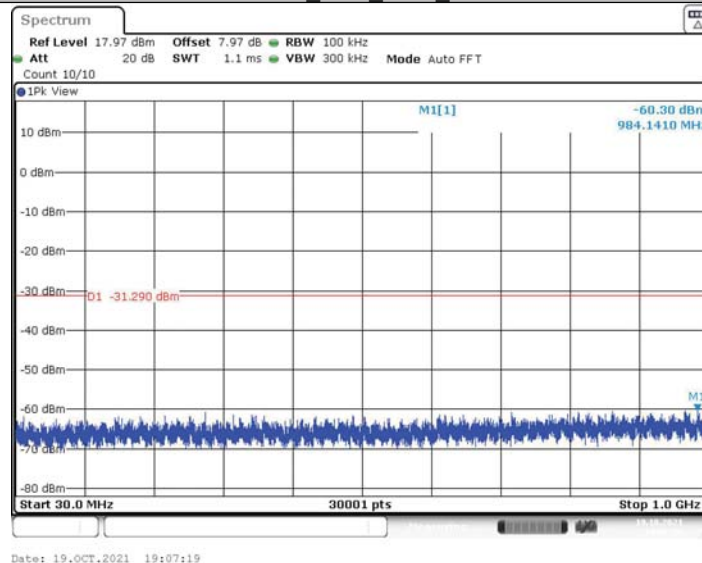
11G_Ant1_2462_1000~26500



11N20SISO_Ant1_2412_0~Reference

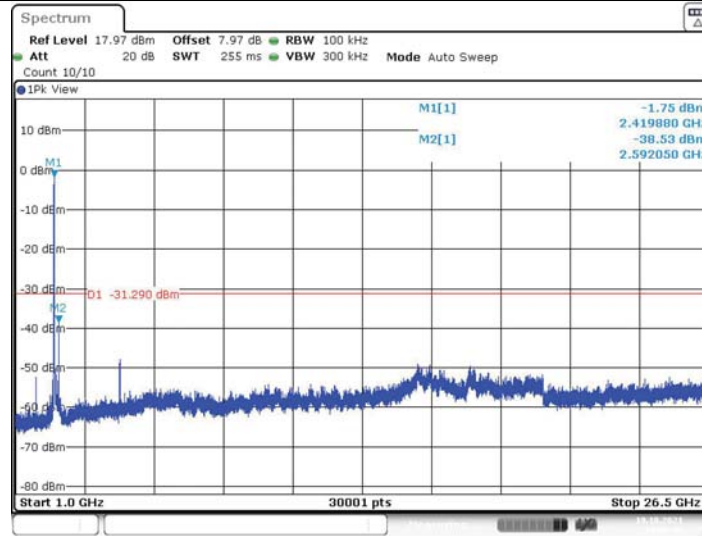


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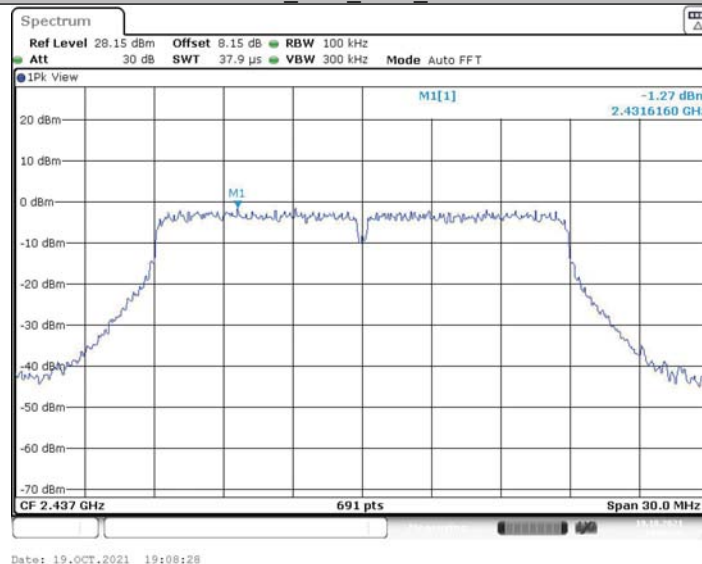




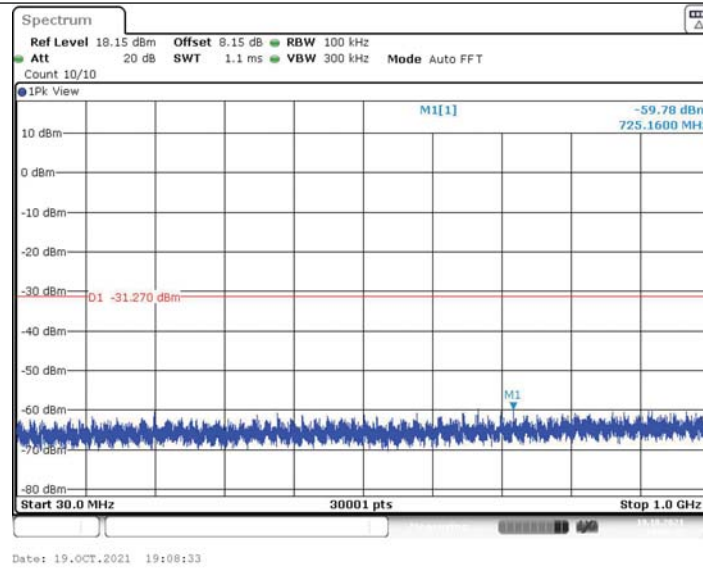
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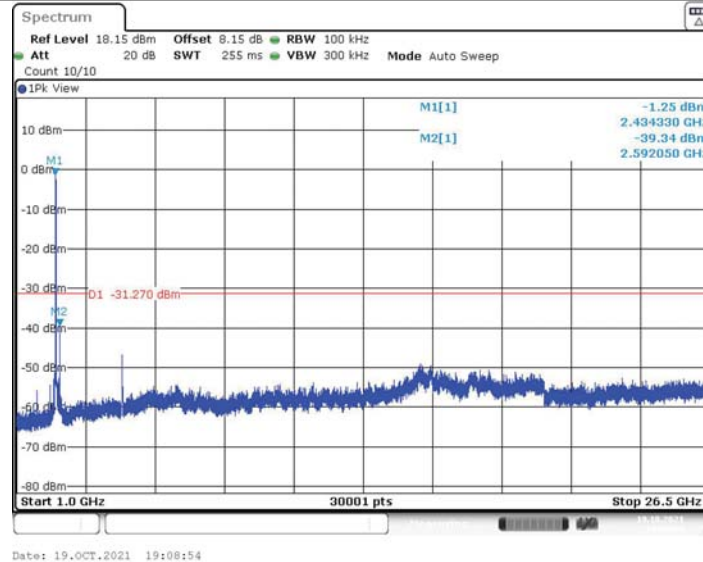
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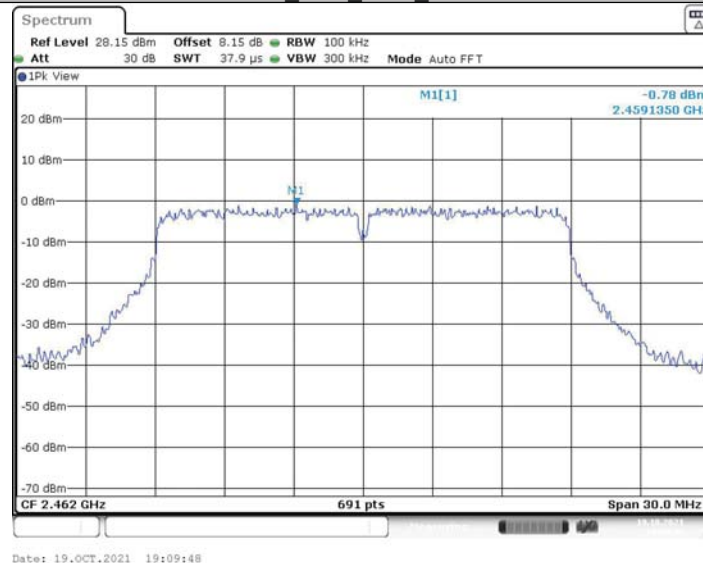
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11N20SISO_Ant1_2437_1000~26500

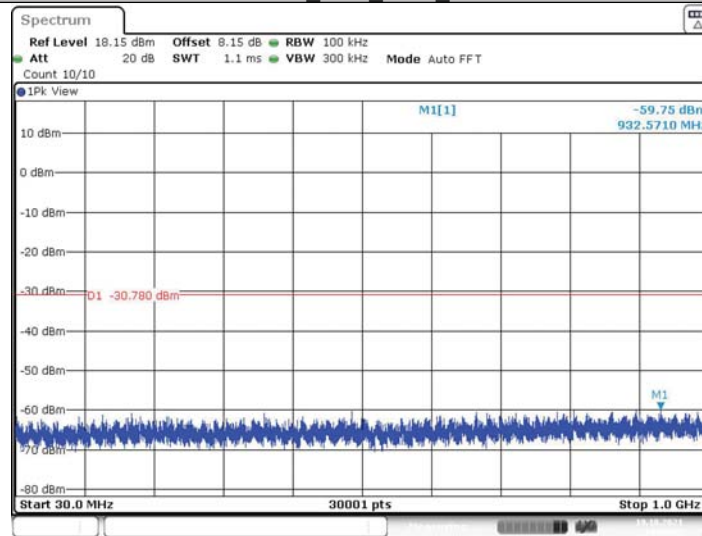


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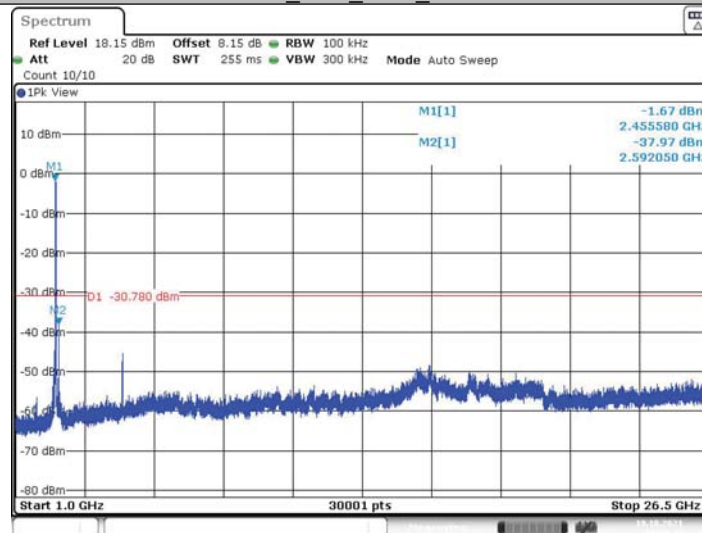


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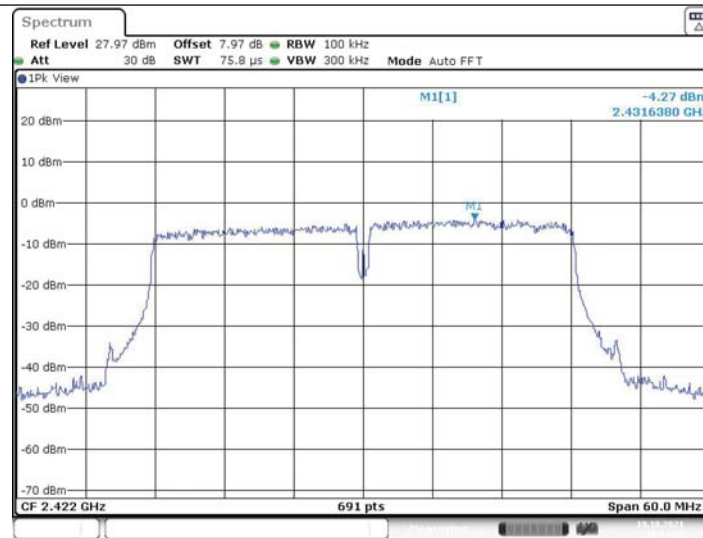
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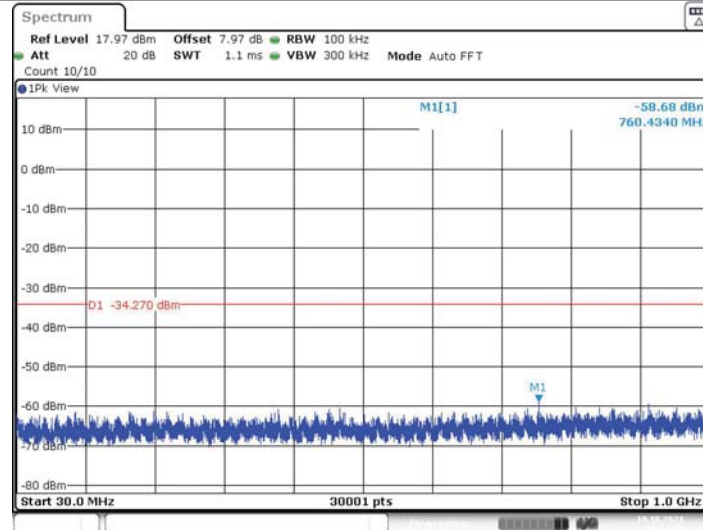
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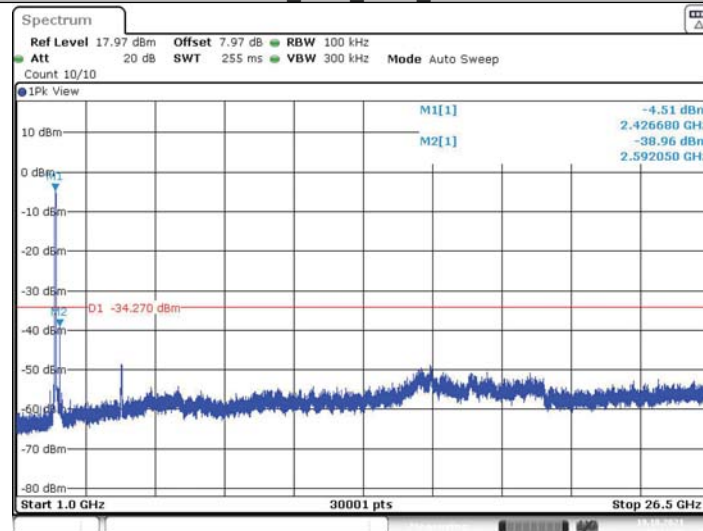
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11N40SISO_Ant1_2422_30~1000



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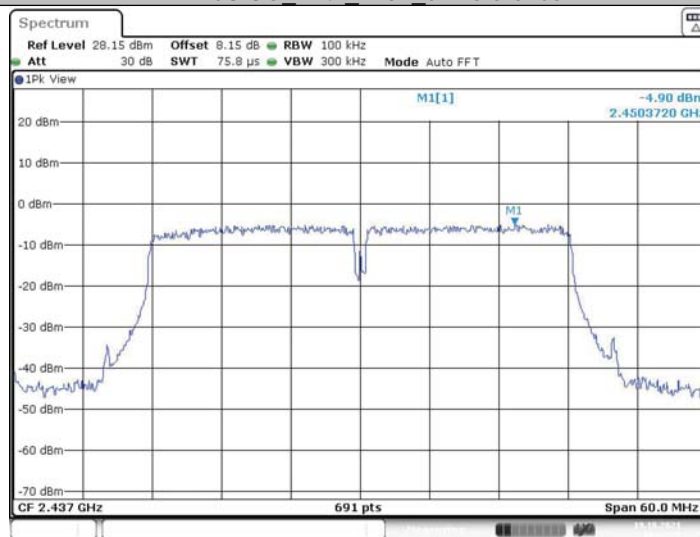
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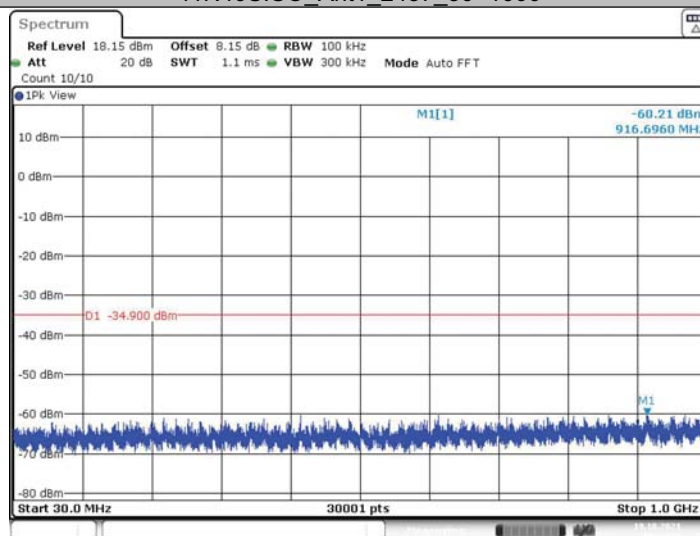


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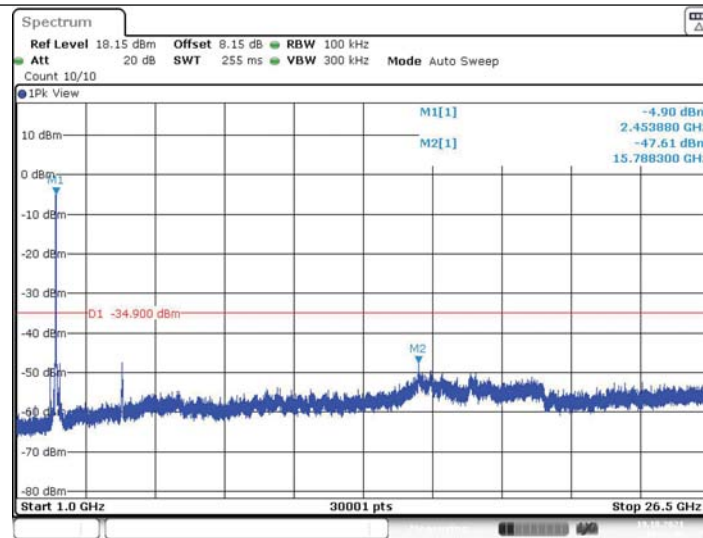
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11N40SISO Ant1 2437 30~1000



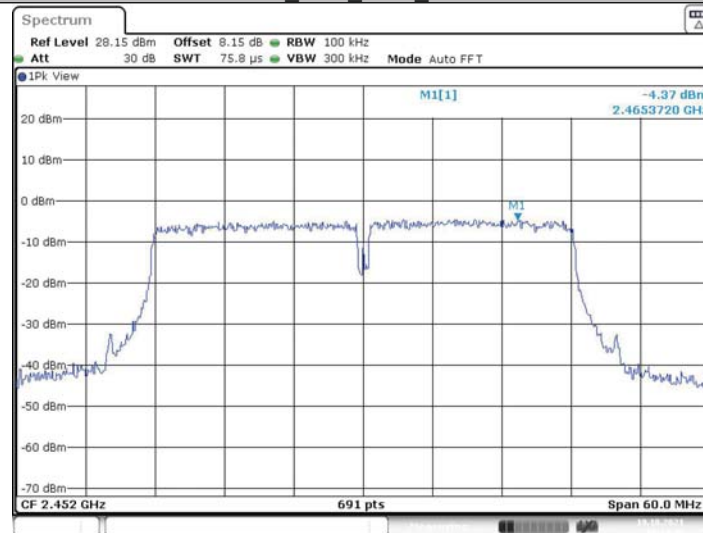
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11N40SISO Ant1 2437 1000~26500



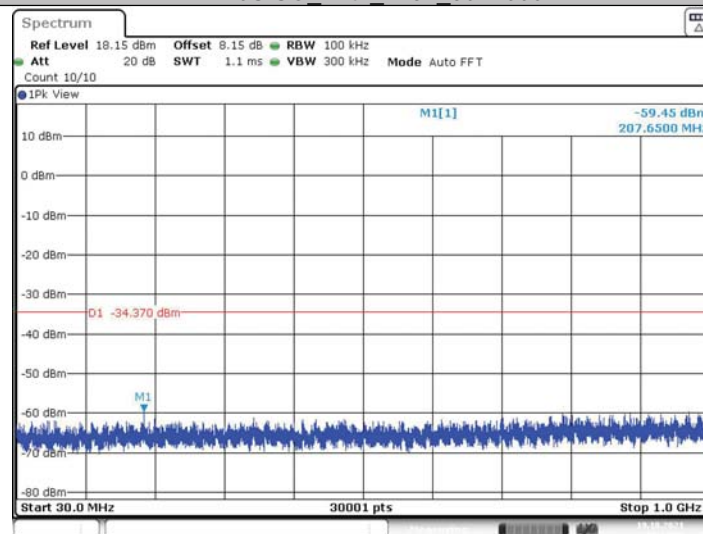
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11N40SISO_Ant1_2452_0~Reference

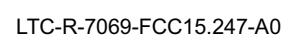


Date: 19.OCT.2021 19:13:47

11N40SISO_Ant1_2452_30~1000

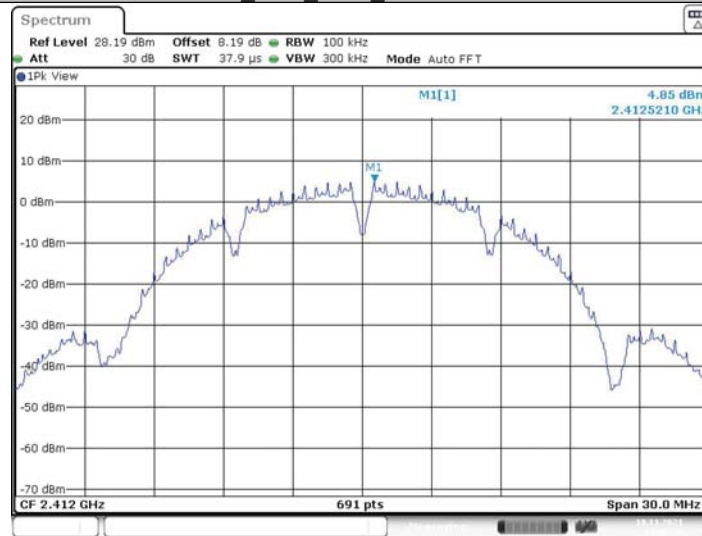


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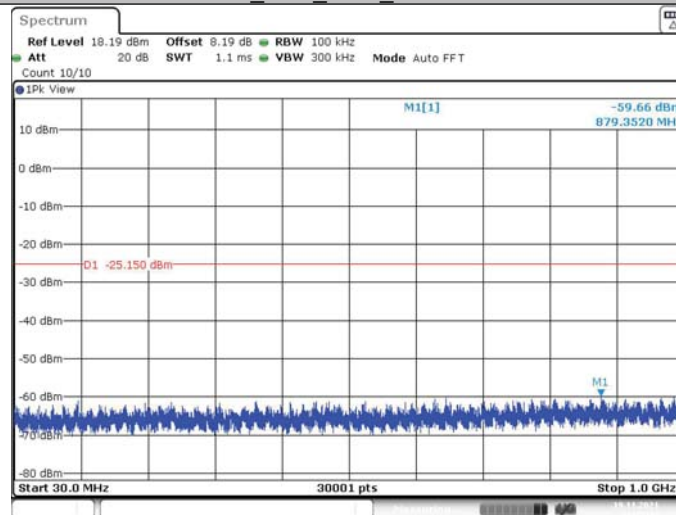


11B_Ant2_2412_0~Reference



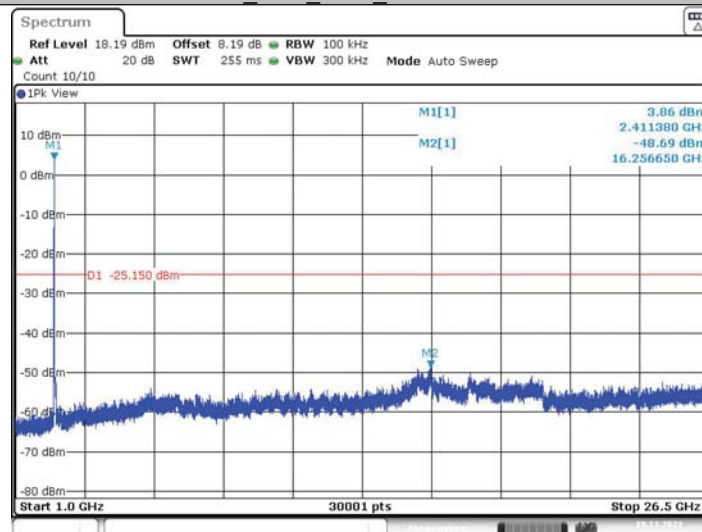
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11B_Ant2_2412_30~1000



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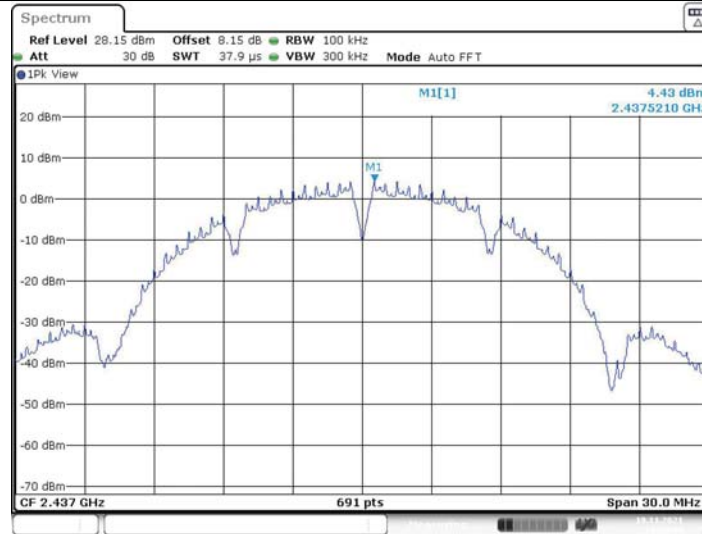
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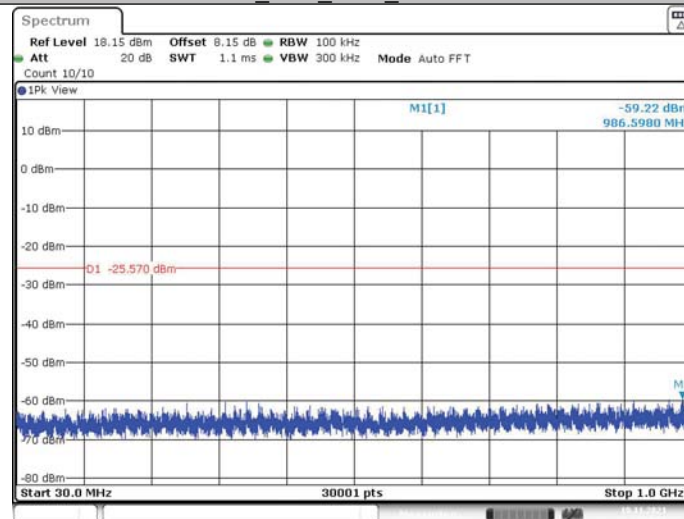


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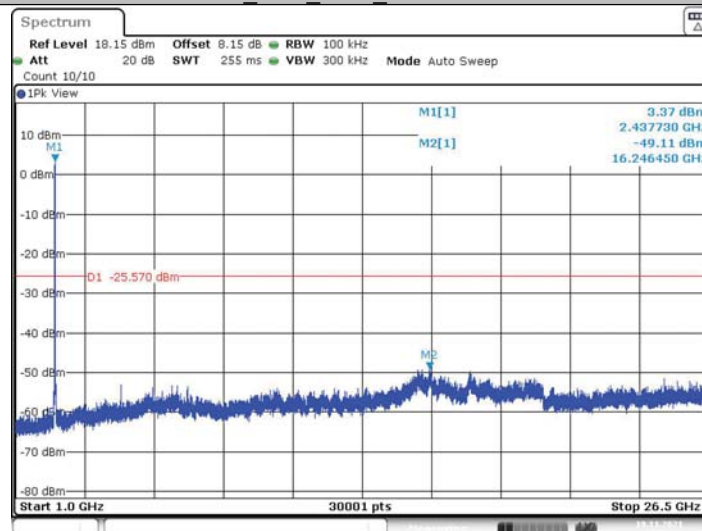
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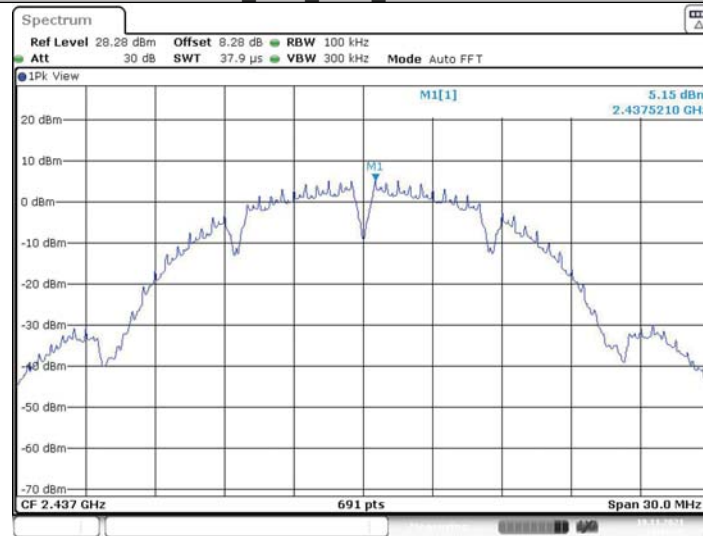
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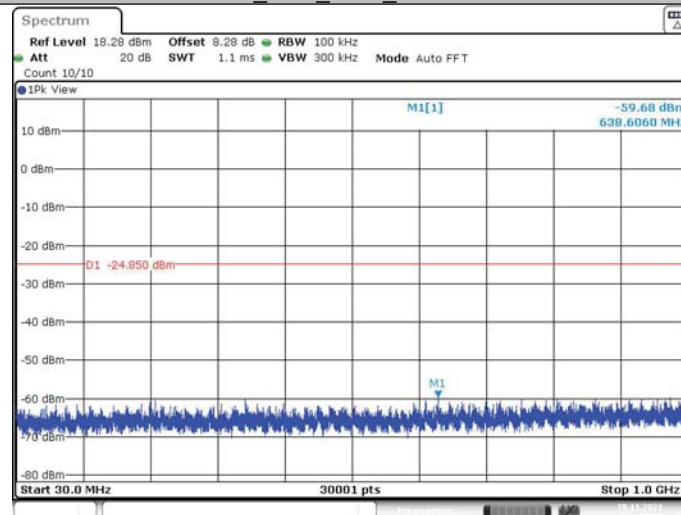


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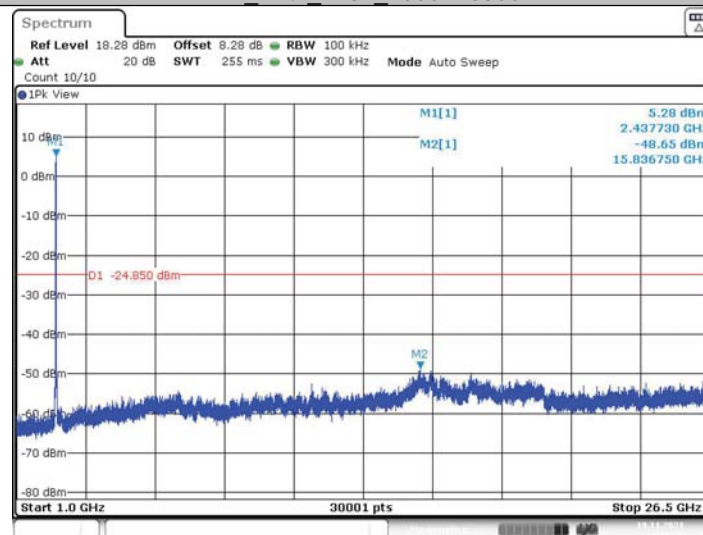
Date: 19.NOV.2021 13:41:26

11B_Ant2_2437_30~1000



Date: 19.NOV.2021 13:41:30

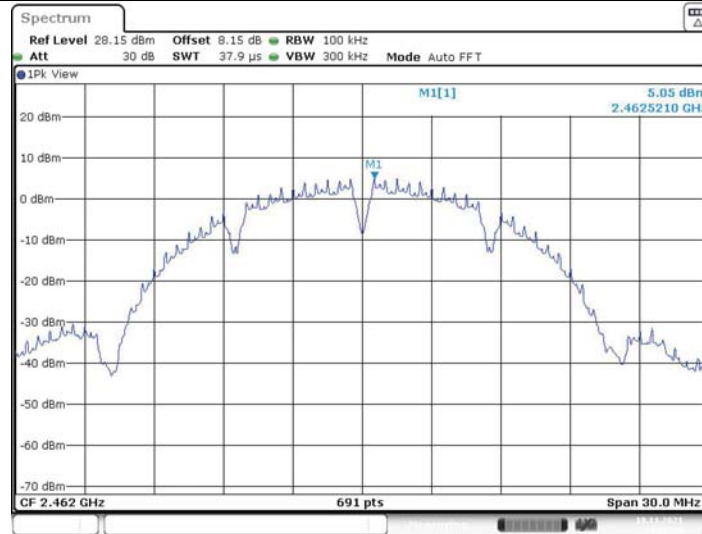
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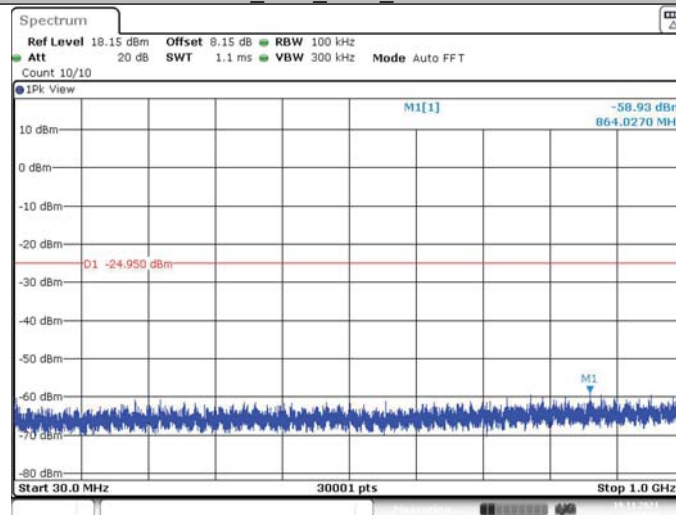


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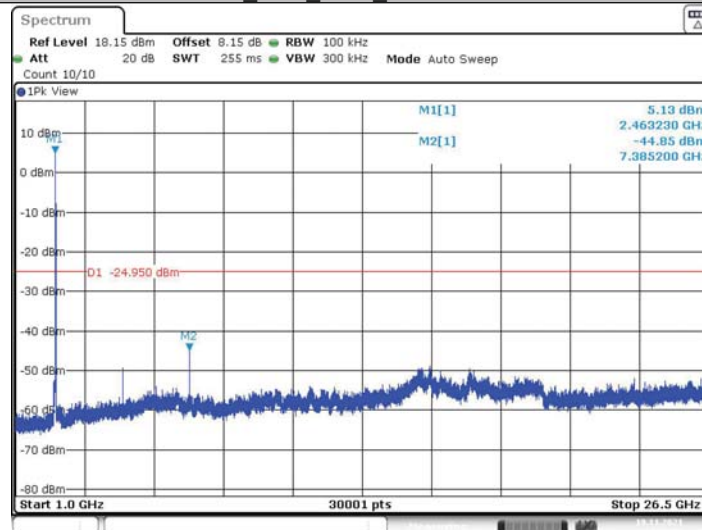
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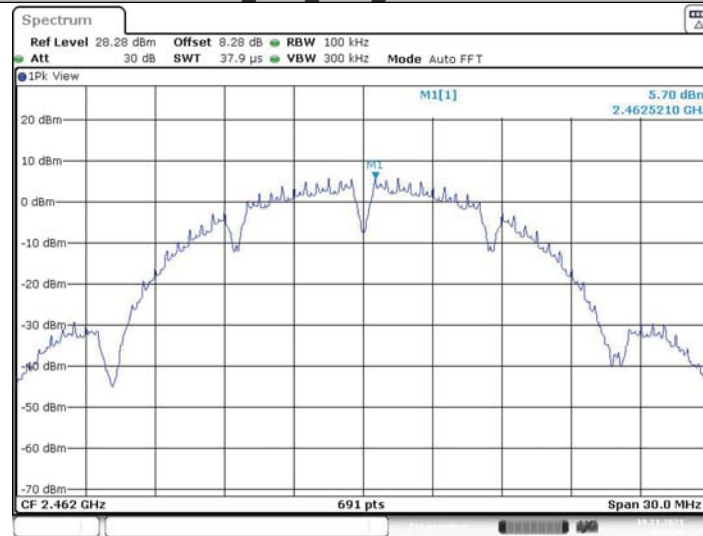
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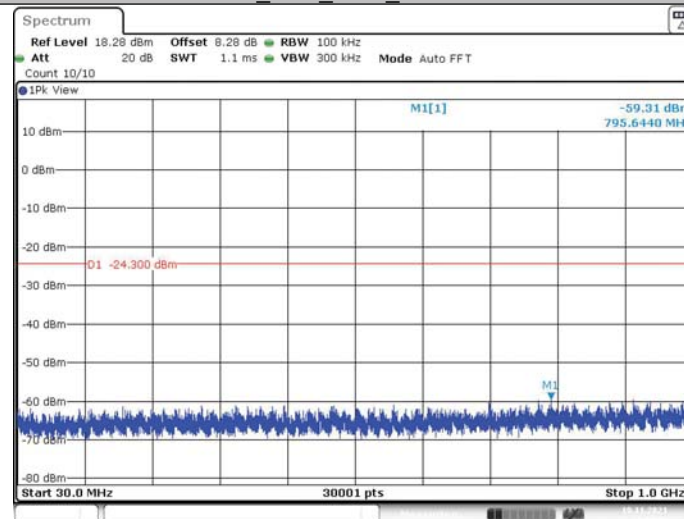


11B_Ant2_2462_0~Reference



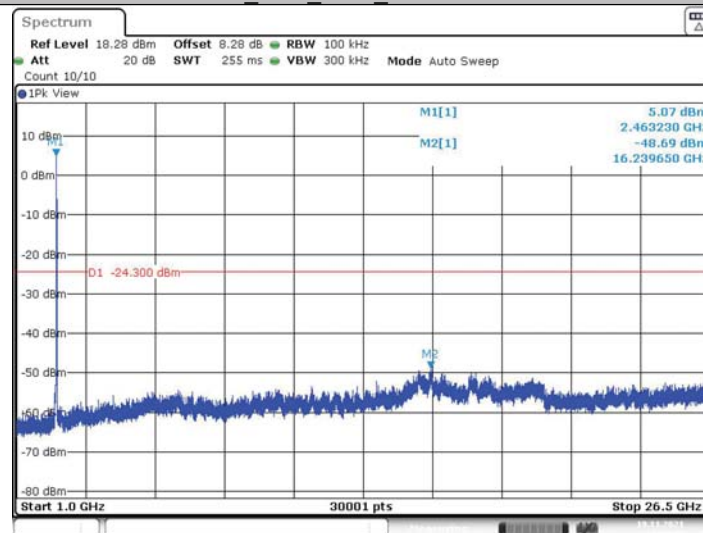
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11B_Ant2_2462_30~1000



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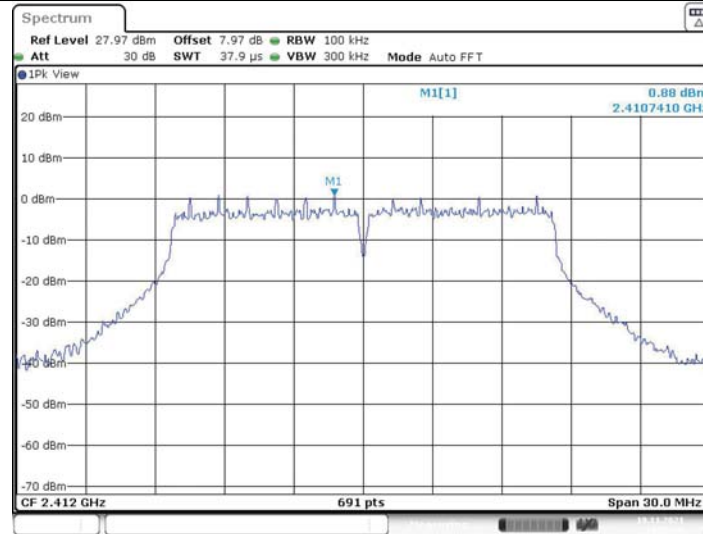
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Date: 19.NOV.2021 13:44:53

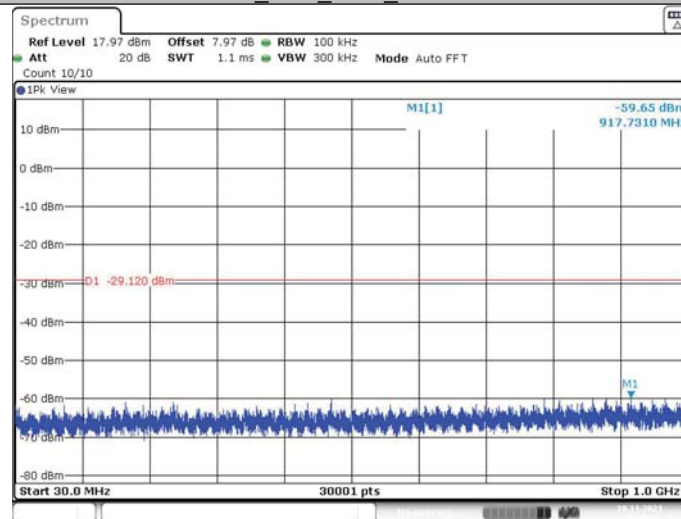


11G_Ant1_2412_0~Reference



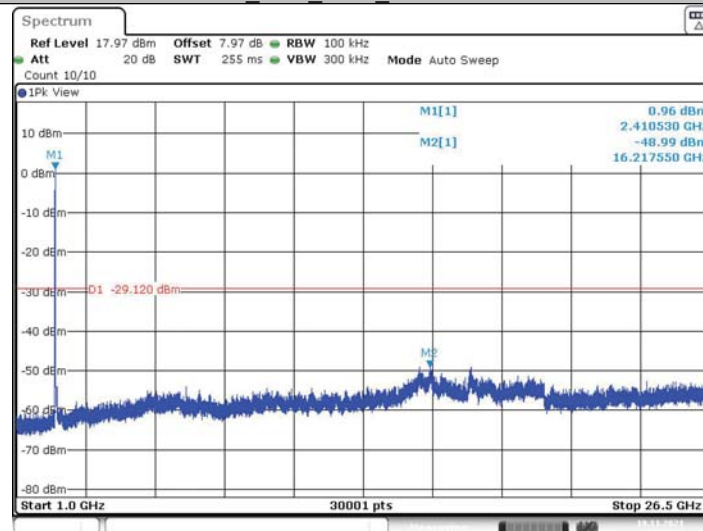
Date: 19.NOV.2021 13:29:28

11G_Ant1_2412_30~1000



Date: 19.NOV.2021 13:29:32

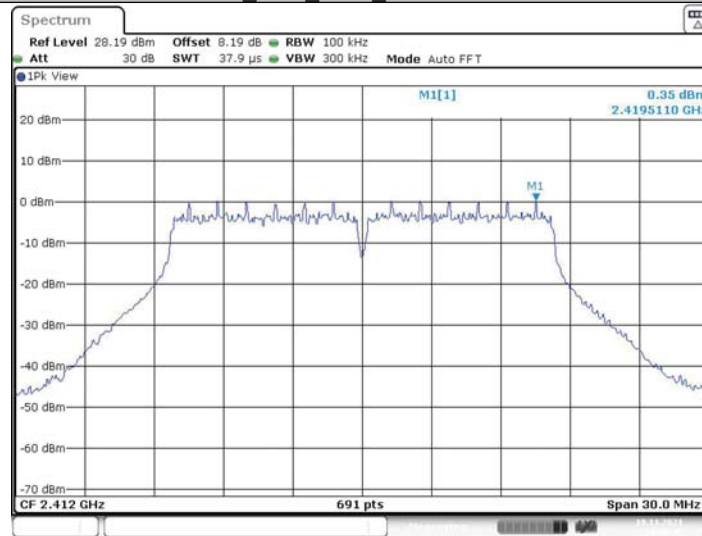
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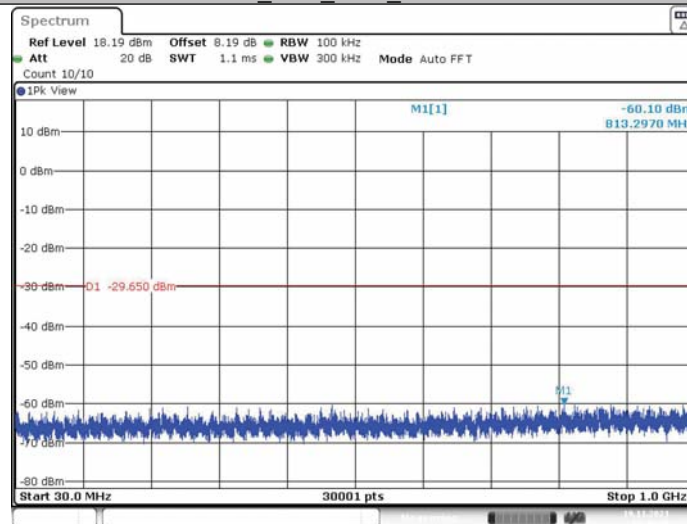


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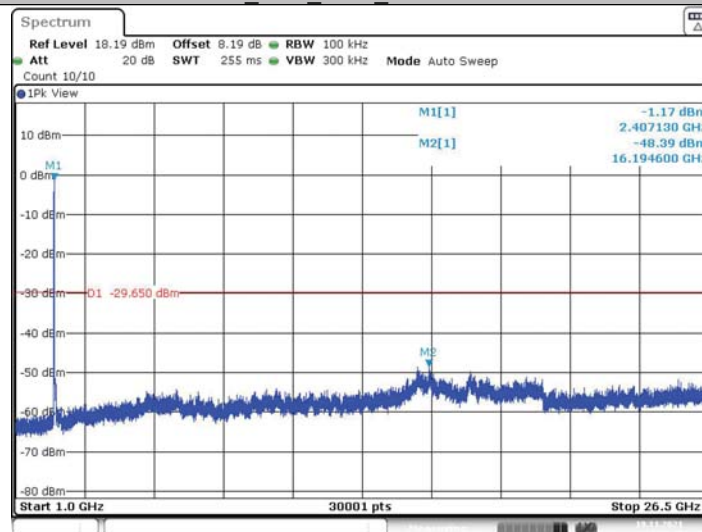
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11G_Ant2_2412_30~1000



Date: 19.NOV.2021 13:48:49

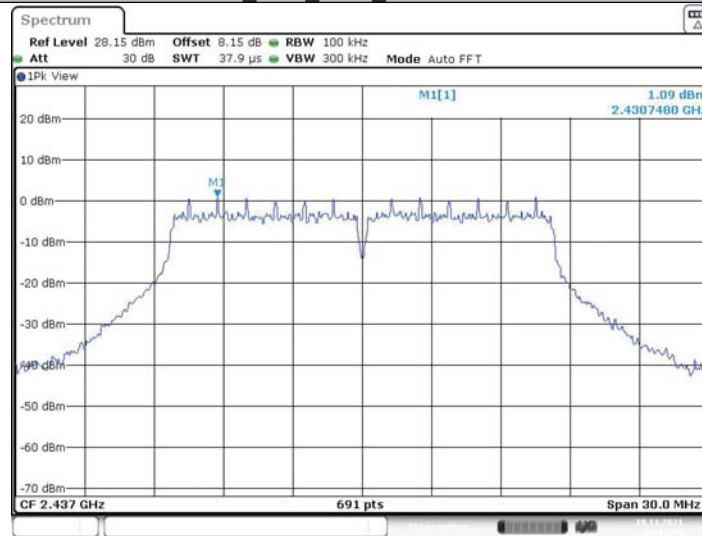
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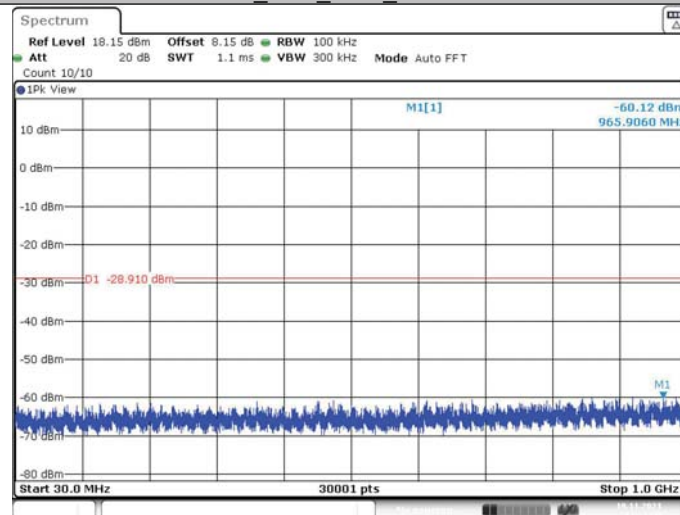


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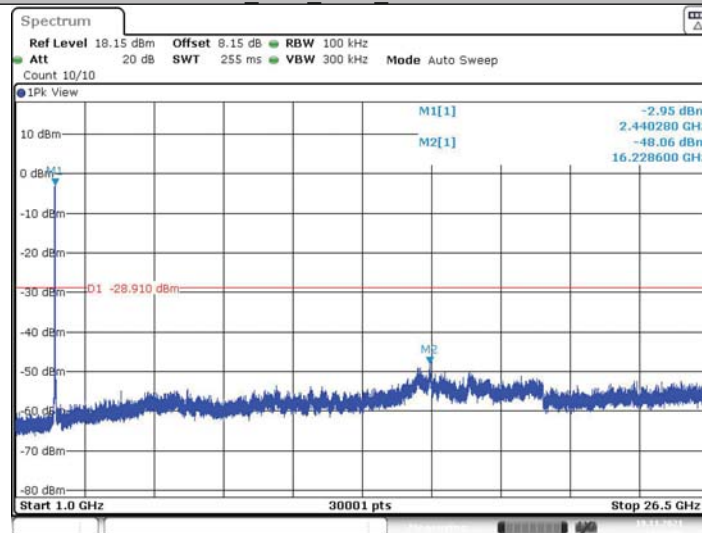
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Date: 19.NOV.2021 13:31:46

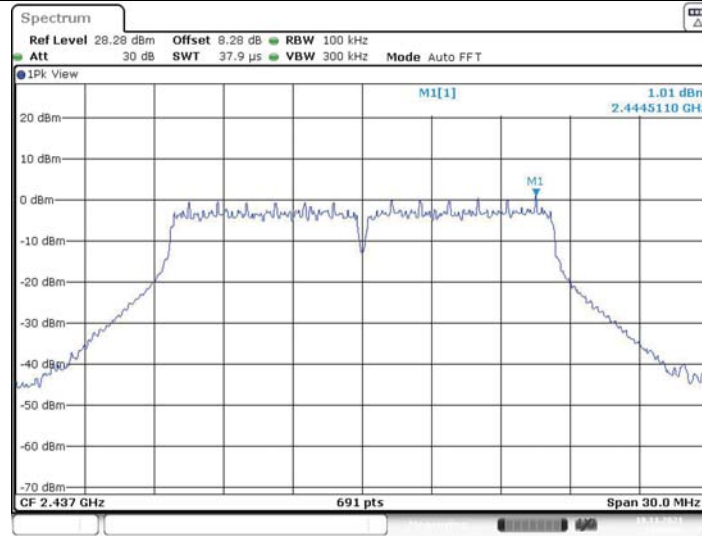
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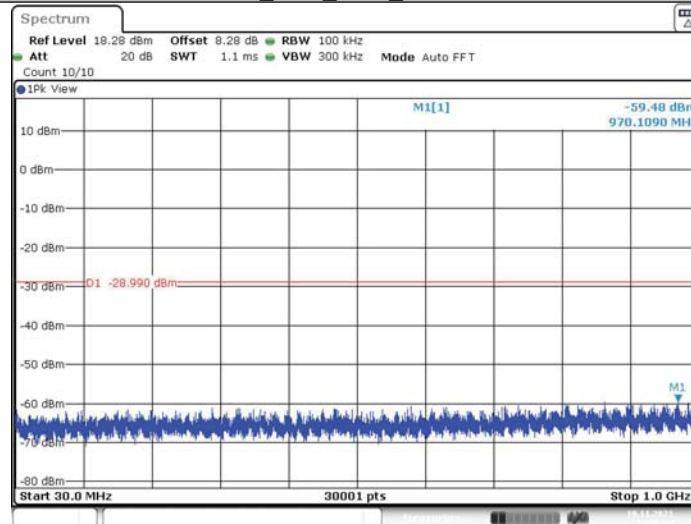


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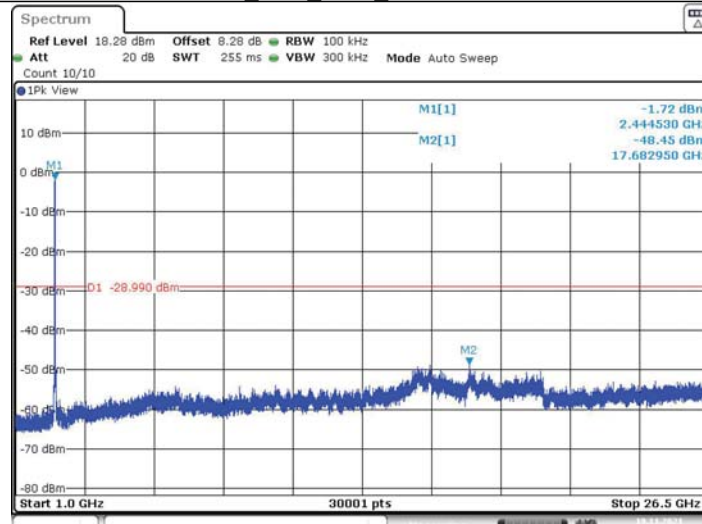
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11G_Ant2_2437_30~1000



Date: 19.NOV.2021 13:50:54

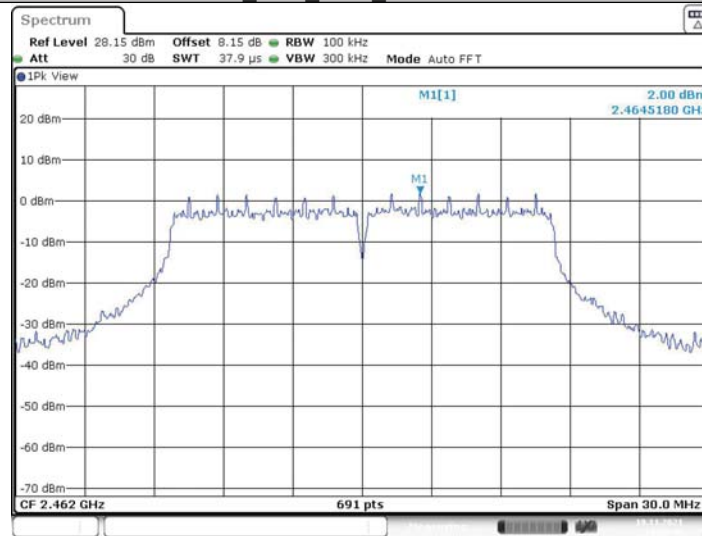
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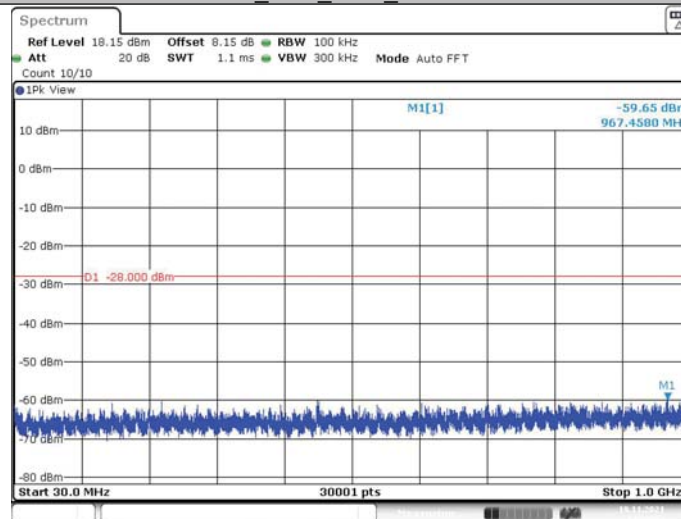


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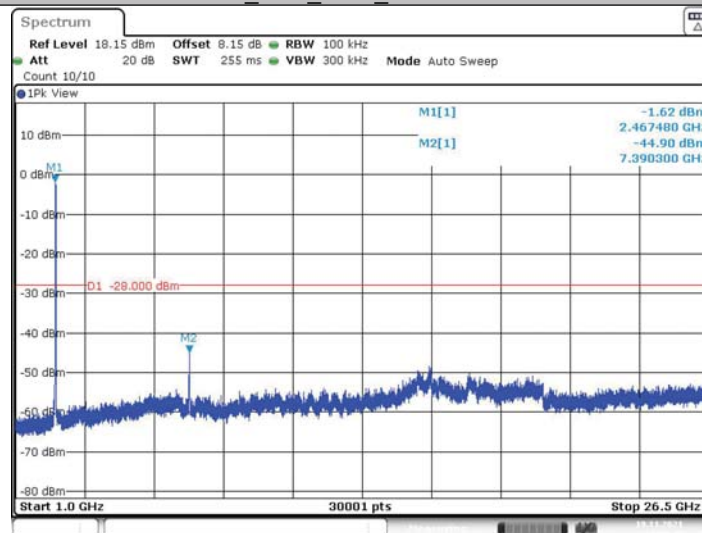
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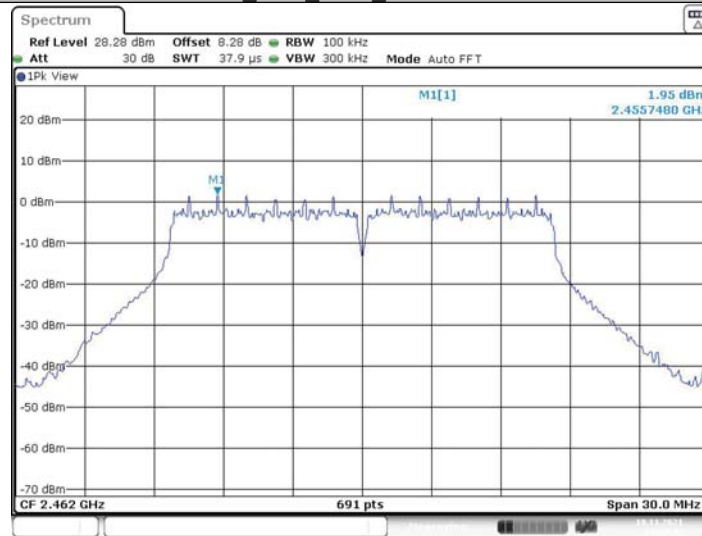
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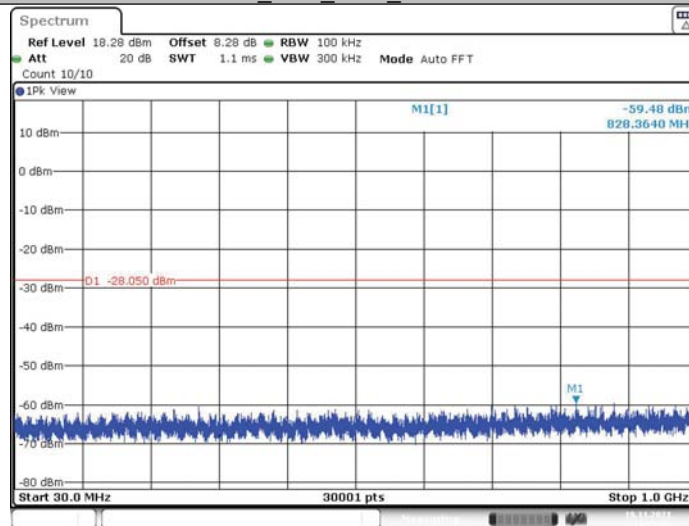


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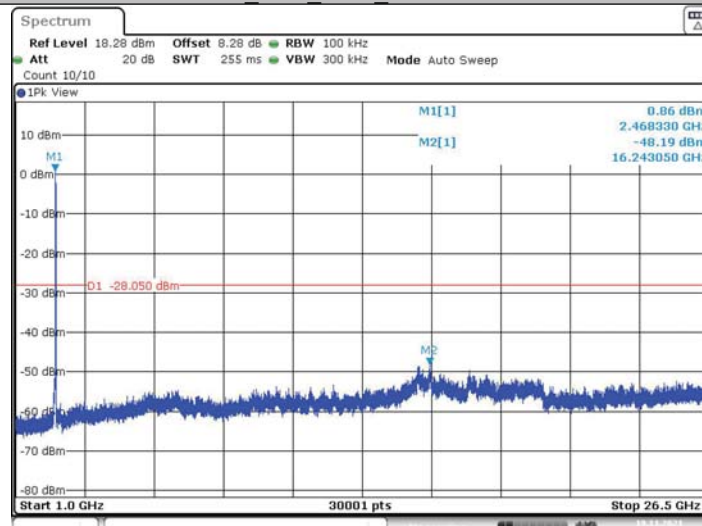
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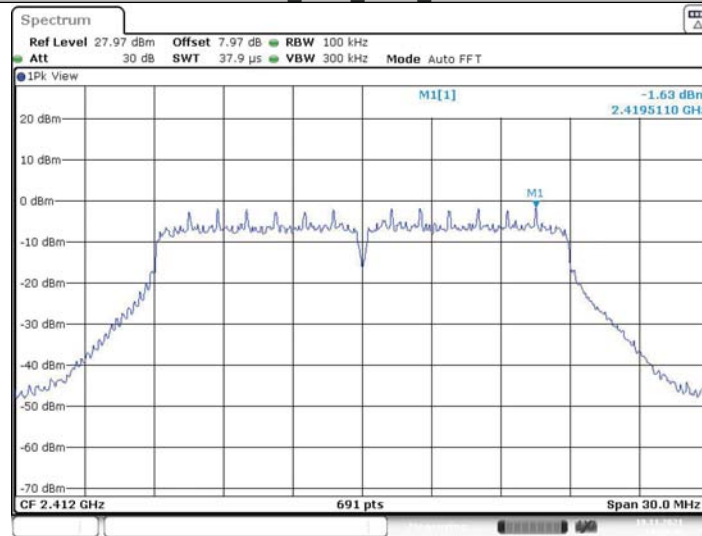
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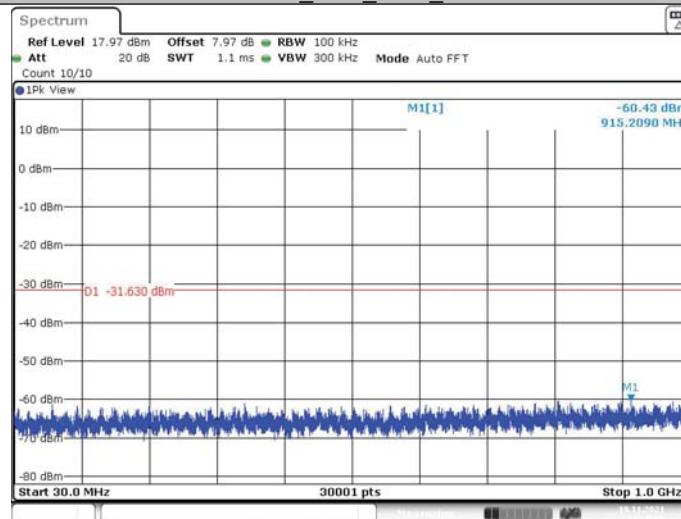


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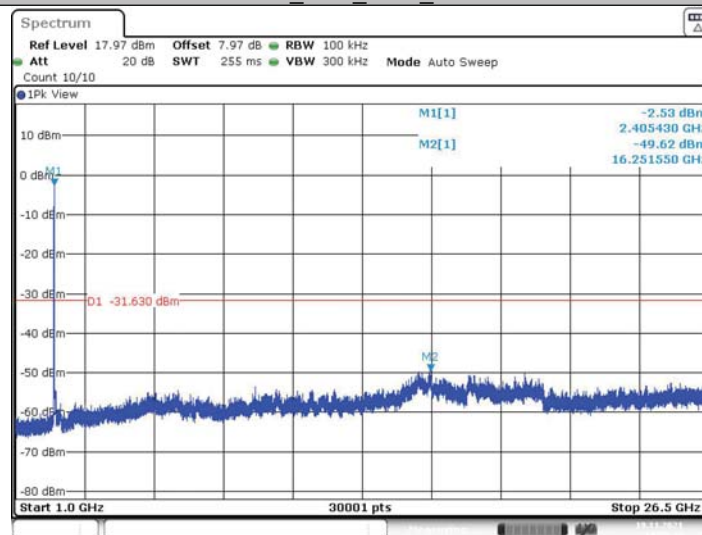
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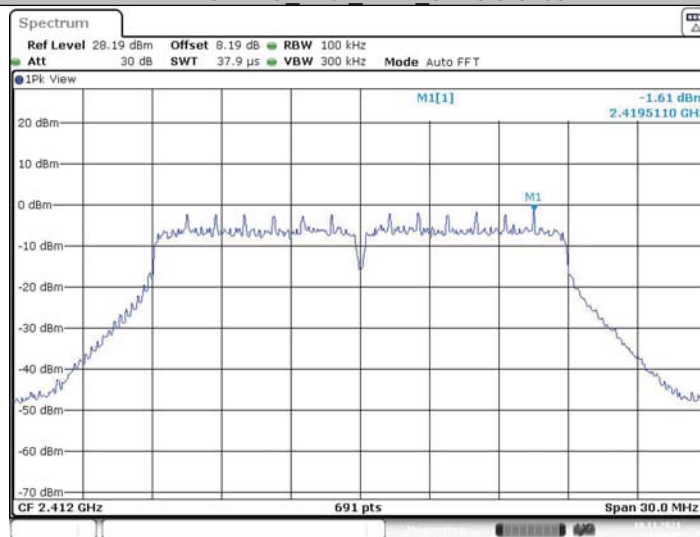
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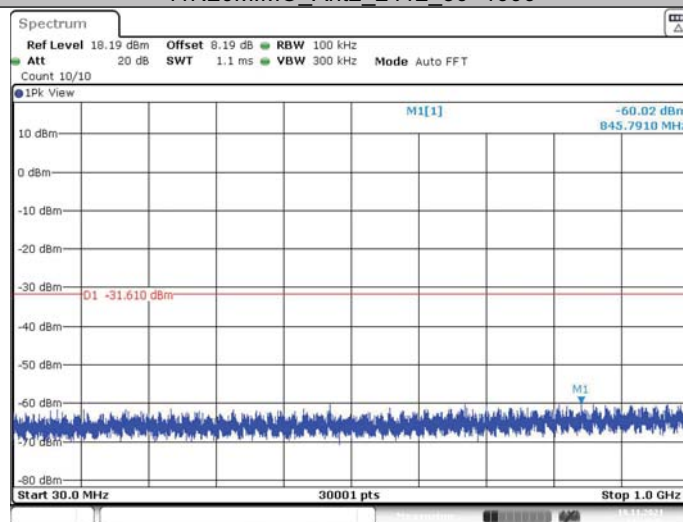


11N20MIMO Ant2 2412 0~Reference



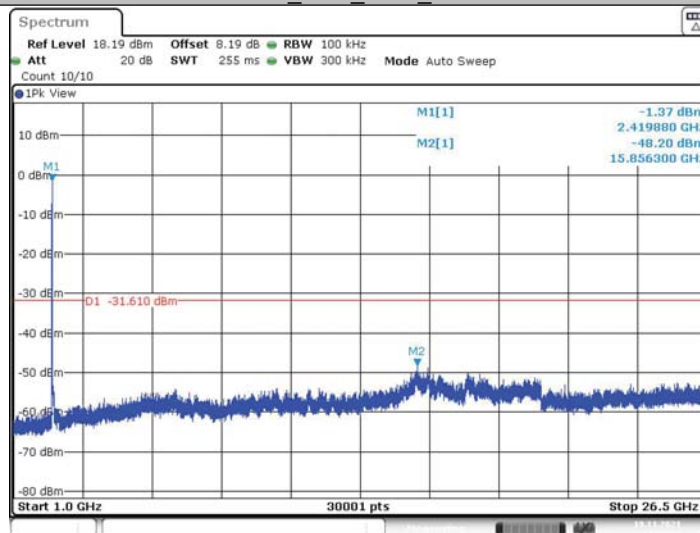
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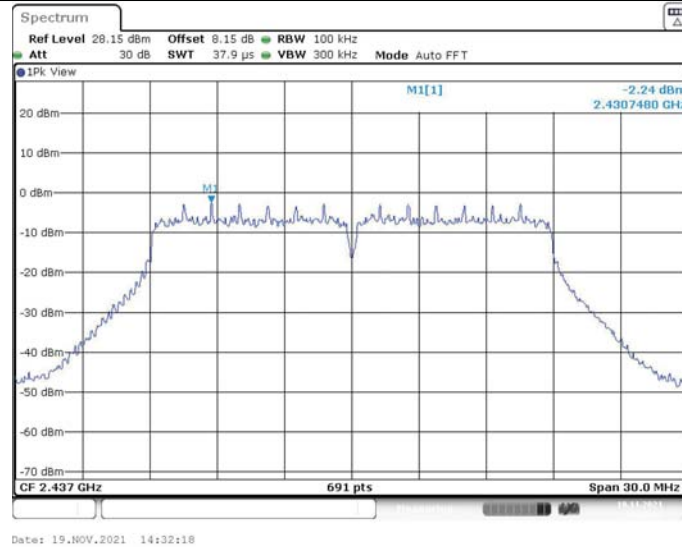
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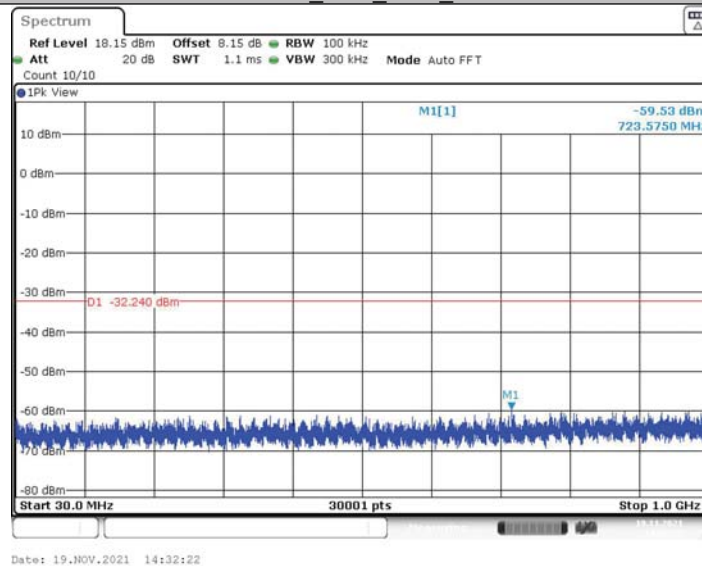
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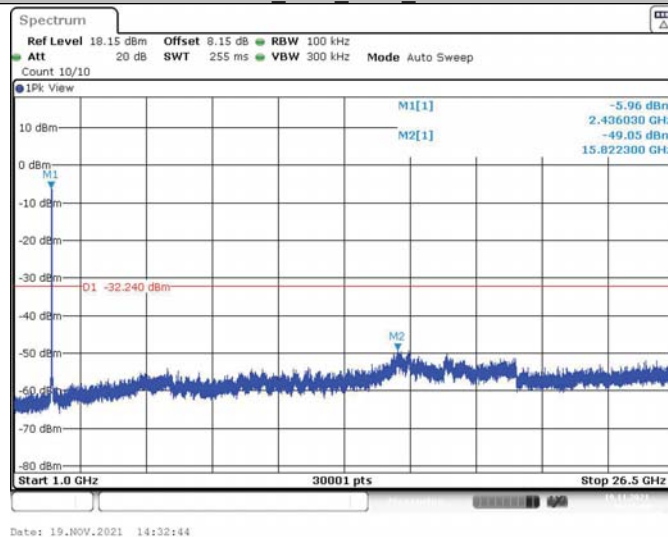
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11N20MIMO_Ant1_2437_30~1000

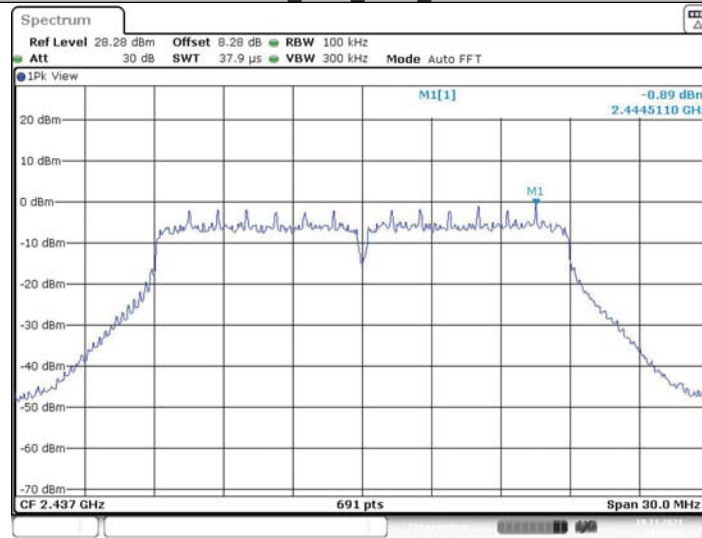


11N20MIMO_Ant1_2437_1000~26500



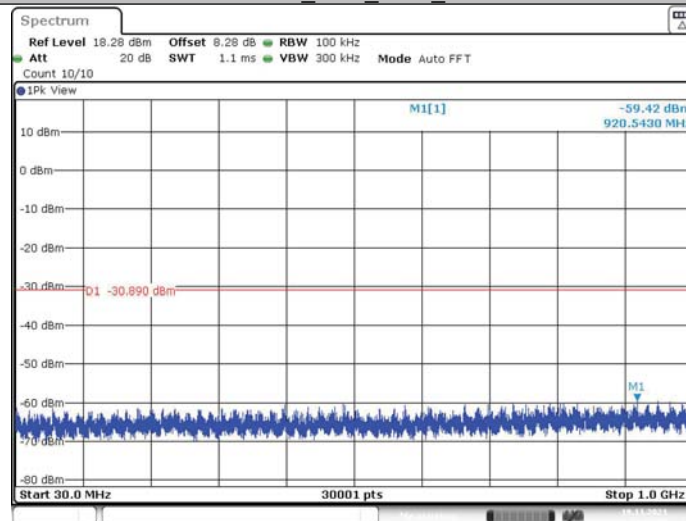


11N20MIMO_Ant2_2437_0~Reference



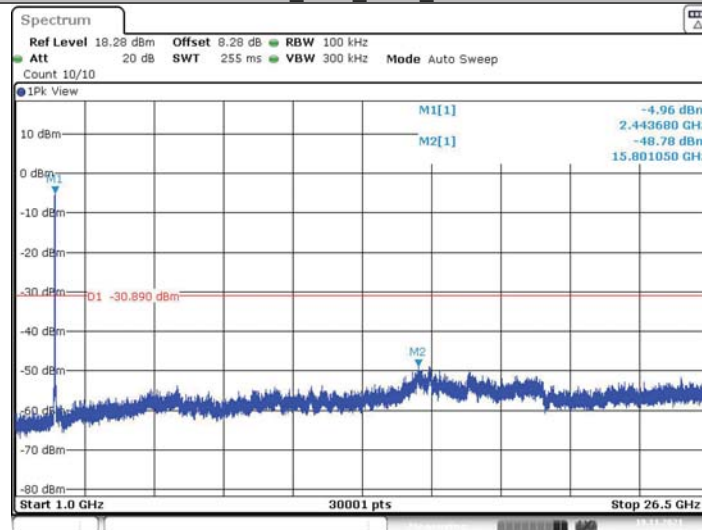
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11N20MIMO_Ant2_2437_30~1000

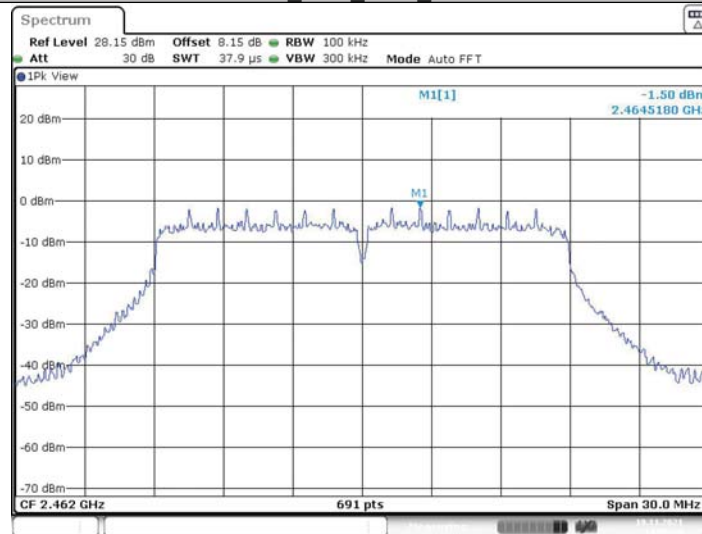
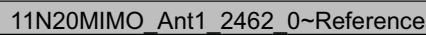


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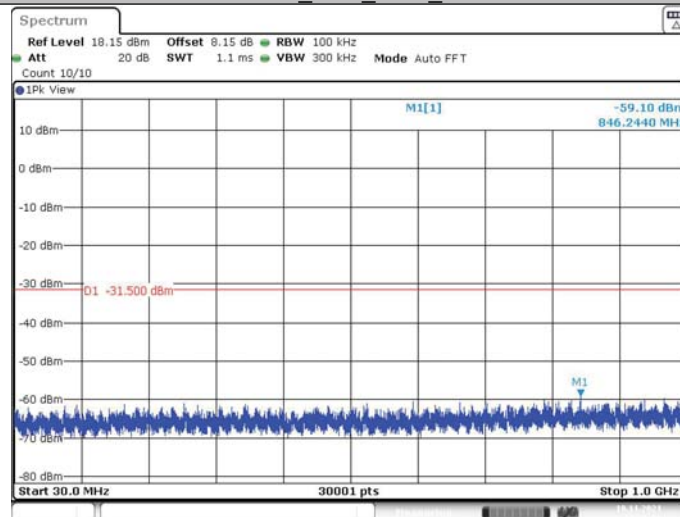
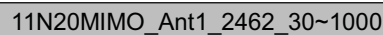
11N20MIMO_Ant2_2437_1000~26500



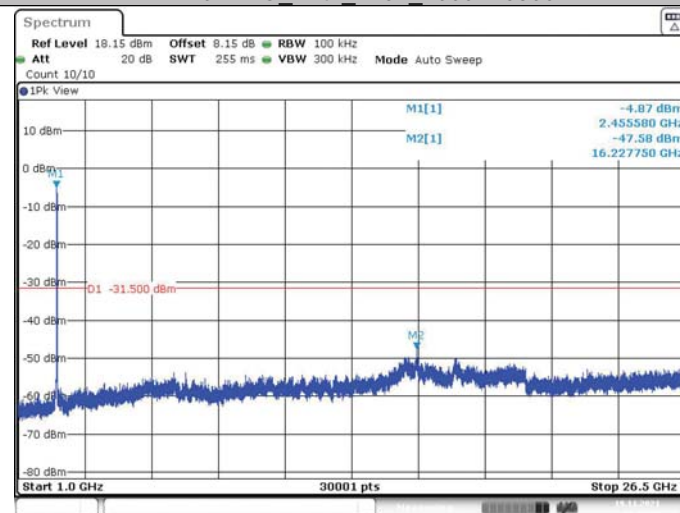
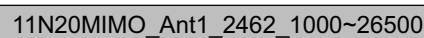
Date: 19.NOV.2021 14:34:21



Date: 19.NOV.2021 14:35:34



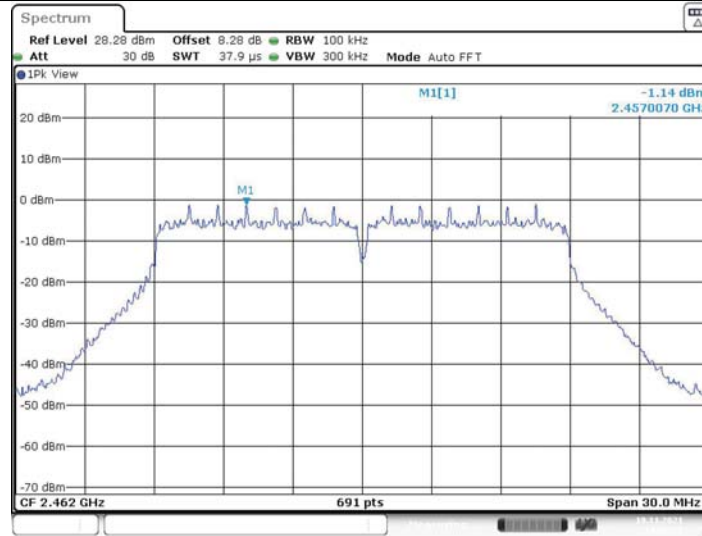
Date: 19.NOV.2021 14:35:38



Date: 19.NOV.2021 14:36:00

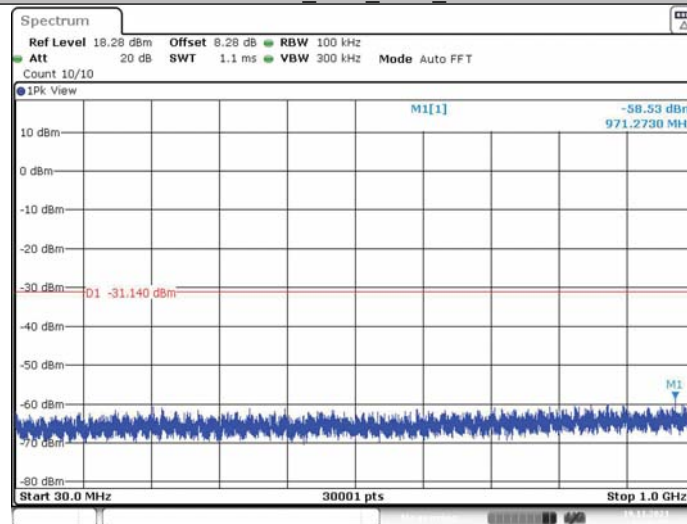


11N20MIMO_Ant2_2462_0~Reference



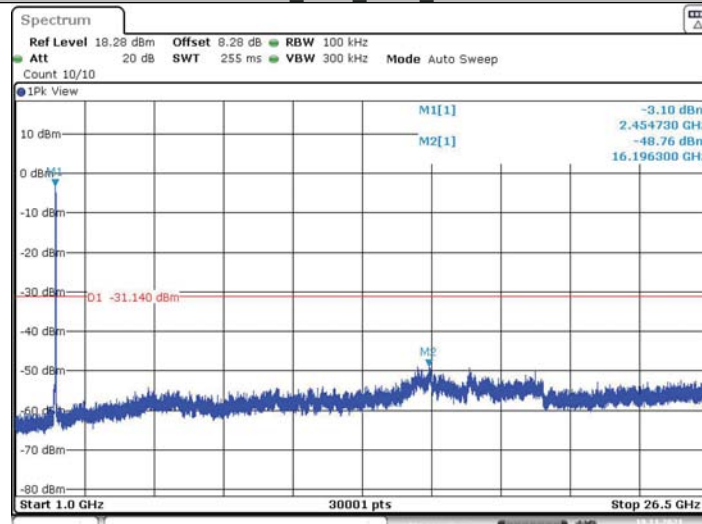
Date: 19.NOV.2021 14:37:22

11N20MIMO_Ant2_2462_30~1000



Date: 19.NOV.2021 14:37:26

11N20MIMO_Ant2_2462_1000~26500



Date: 19.NOV.2021 14:37:48



Important

- (1) The test report is valid with the official seal of the laboratory and the signatures of Test engineer, Author and Reviewer simultaneously.
- (2) The test report is invalid if altered.
- (3) Any photocopies or part photocopies in the test report are forbidden without the written permission from the laboratory.
- (4) Objections to the test report must be submitted to the laboratory within 15 days.
- (5) Generally, commission test is responsible for the tested samples only.

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