



## 6.5 Band edge measurements

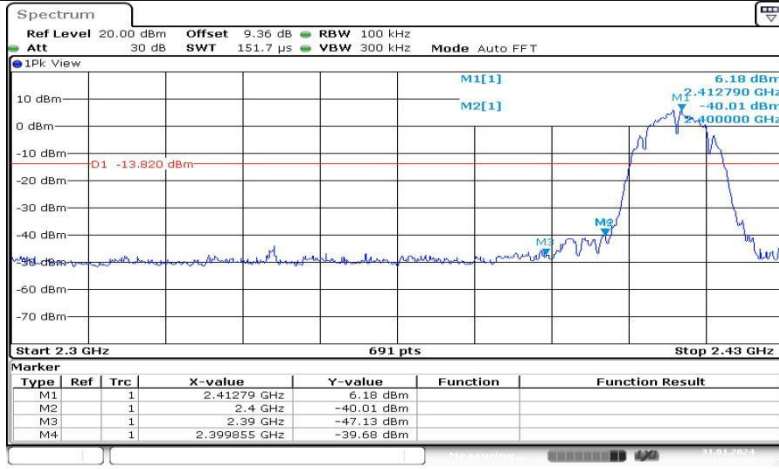
### 6.5.1 Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.18	-39.68	≤-13.82	PASS
11B	Ant1	High	2462	6.76	-45.1	≤-13.24	PASS
11G	Ant1	Low	2412	-0.98	-35.32	≤-20.98	PASS
11G	Ant1	High	2462	-1.02	-45.21	≤-21.02	PASS
11N20SISO	Ant1	Low	2412	-1.17	-36.16	≤-21.17	PASS
11N20SISO	Ant1	High	2462	-0.62	-45.21	≤-20.62	PASS

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	6.68	-43.29	≤-13.32	PASS
BLE_1M	Ant1	High	2480	7.58	-46.21	≤-12.42	PASS

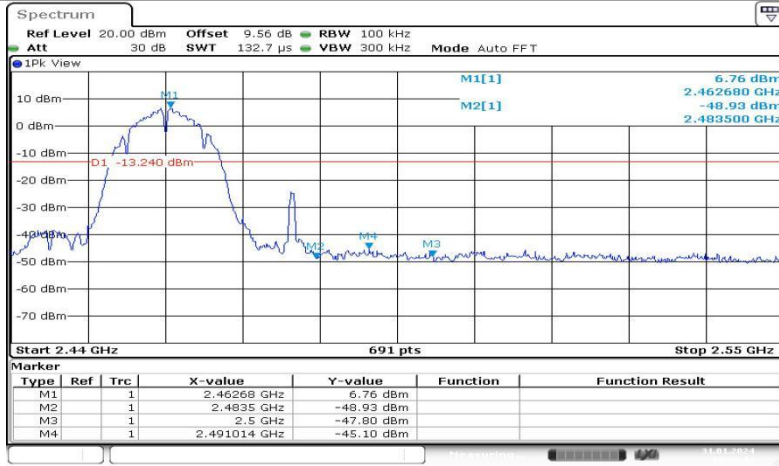


## 6.5.2 Test Graphs



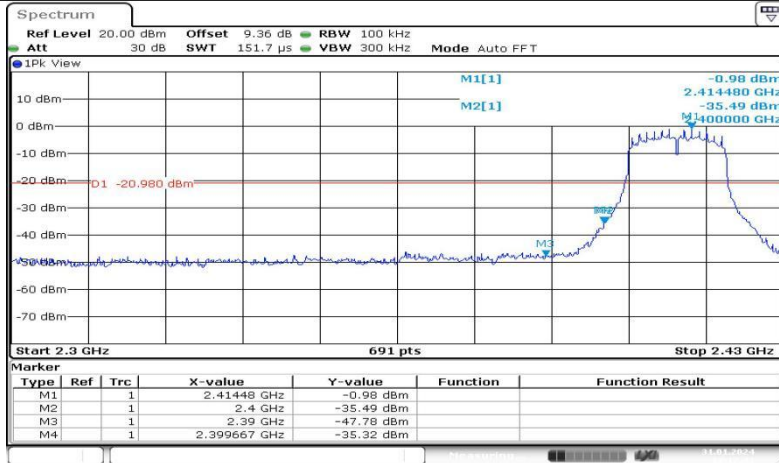
Date: 31.JAN.2024 12:57:07

11B-Ant1-Low-2412-6.18



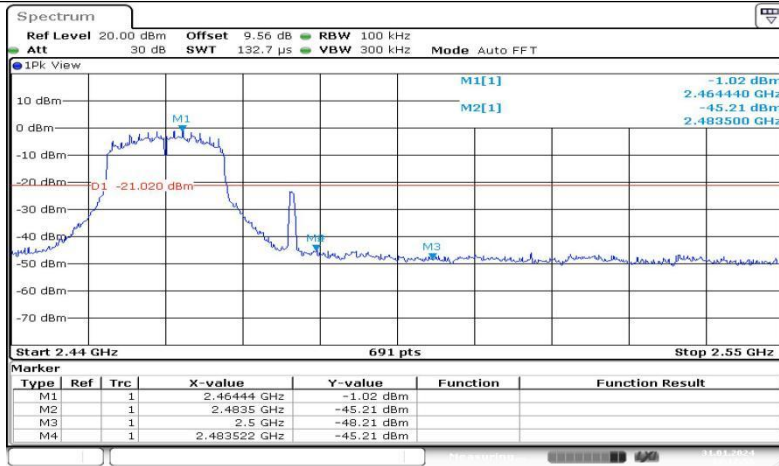
Date: 31.JAN.2024 13:06:44

11B-Ant1-High-2462-6.76



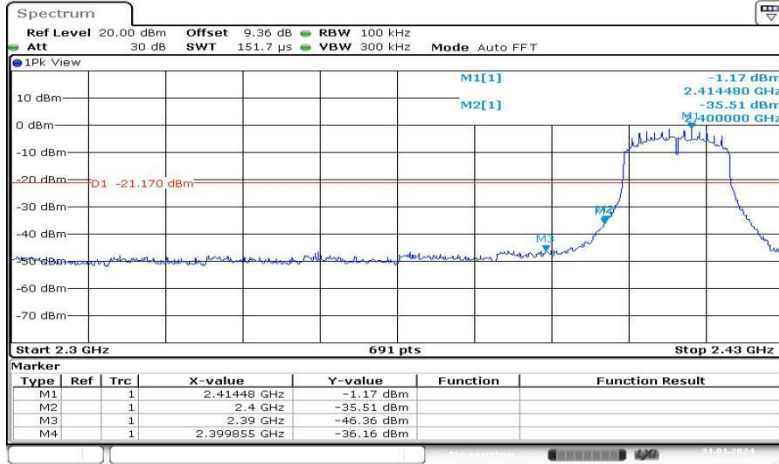
Date: 31.JAN.2024 13:12:44

11G-Ant1-Low-2412--0.98



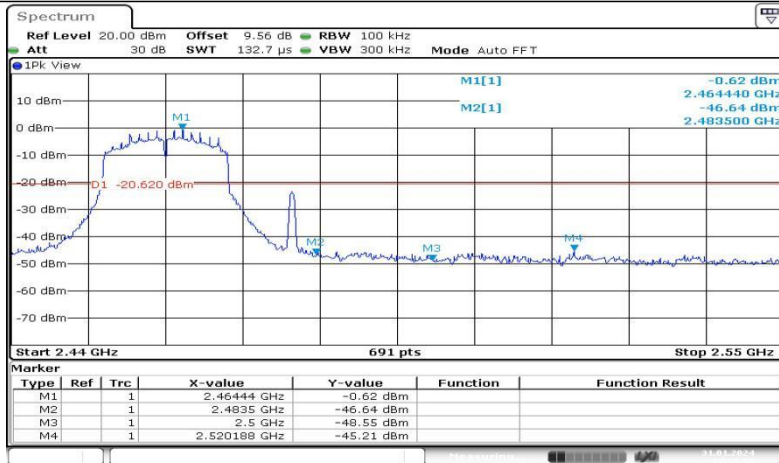
Date: 31.JAN.2024 13:17:56

11G-Ant1-High-2462--1.02



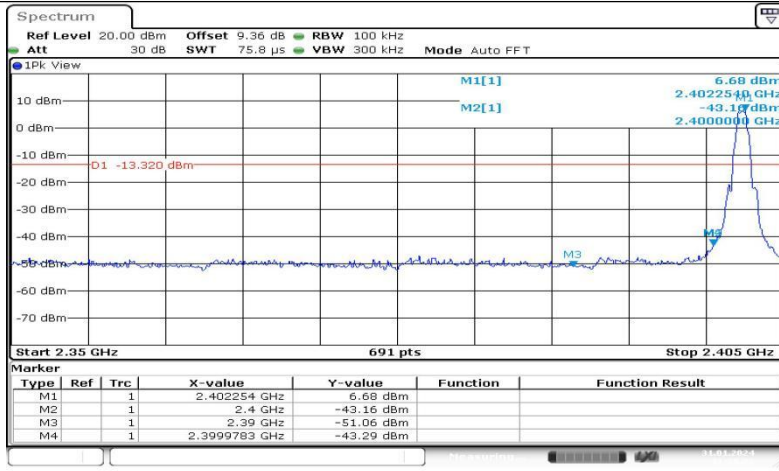
Date: 31.JAN.2024 13:23:08

11N20SISO-Ant1-Low-2412--1.17

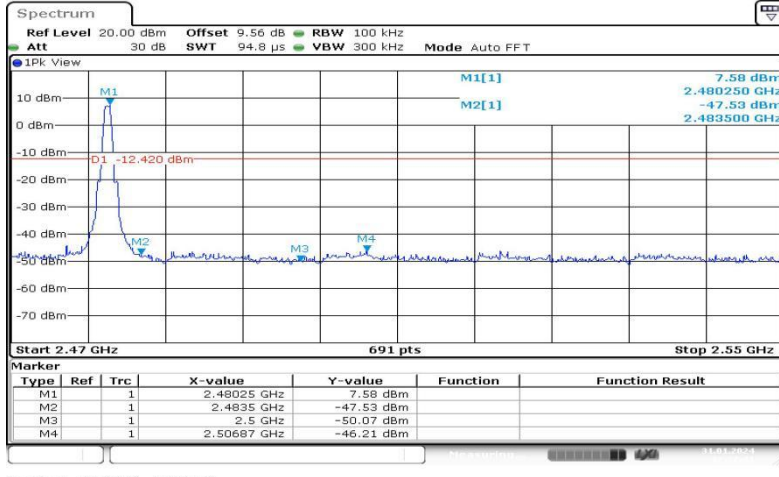


Date: 31.JAN.2024 13:29:56

11N20SISO-Ant1-High-2462--0.62



BLE\_1M-Ant1-Low-2402-6.68



BLE\_1M-Ant1-High-2480-7.58



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	0~Reference	6.07	6.07	---	PASS
11B	Ant1	2412	30~1000	6.07	-56.9	≤-13.93	PASS
11B	Ant1	2412	1000~26500	6.07	-46.33	≤-13.93	PASS
11B	Ant1	2437	0~Reference	6.55	6.55	---	PASS
11B	Ant1	2437	30~1000	6.55	-57.87	≤-13.45	PASS
11B	Ant1	2437	1000~26500	6.55	-47.24	≤-13.45	PASS
11B	Ant1	2462	0~Reference	7.52	7.52	---	PASS
11B	Ant1	2462	30~1000	7.52	-56.34	≤-12.48	PASS
11B	Ant1	2462	1000~26500	7.52	-46.43	≤-12.48	PASS
11G	Ant1	2412	0~Reference	-0.68	-0.68	---	PASS
11G	Ant1	2412	30~1000	-0.68	-58.23	≤-20.68	PASS
11G	Ant1	2412	1000~26500	-0.68	-47.13	≤-20.68	PASS
11G	Ant1	2437	0~Reference	-0.86	-0.86	---	PASS
11G	Ant1	2437	30~1000	-0.86	-57.69	≤-20.86	PASS
11G	Ant1	2437	1000~26500	-0.86	-46.73	≤-20.86	PASS
11G	Ant1	2462	0~Reference	-0.39	-0.39	---	PASS
11G	Ant1	2462	30~1000	-0.39	-57.91	≤-20.39	PASS
11G	Ant1	2462	1000~26500	-0.39	-46.87	≤-20.39	PASS
11N20SISO	Ant1	2412	0~Reference	-1.05	-1.05	---	PASS
11N20SISO	Ant1	2412	30~1000	-1.05	-58.09	≤-21.05	PASS
11N20SISO	Ant1	2412	1000~26500	-1.05	-47.27	≤-21.05	PASS
11N20SISO	Ant1	2437	0~Reference	-0.93	-0.93	---	PASS
11N20SISO	Ant1	2437	30~1000	-0.93	-57.1	≤-20.93	PASS
11N20SISO	Ant1	2437	1000~26500	-0.93	-46.9	≤-20.93	PASS
11N20SISO	Ant1	2462	0~Reference	-0.05	-0.05	---	PASS
11N20SISO	Ant1	2462	30~1000	-0.05	-57.92	≤-20.05	PASS
11N20SISO	Ant1	2462	1000~26500	-0.05	-47.24	≤-20.05	PASS

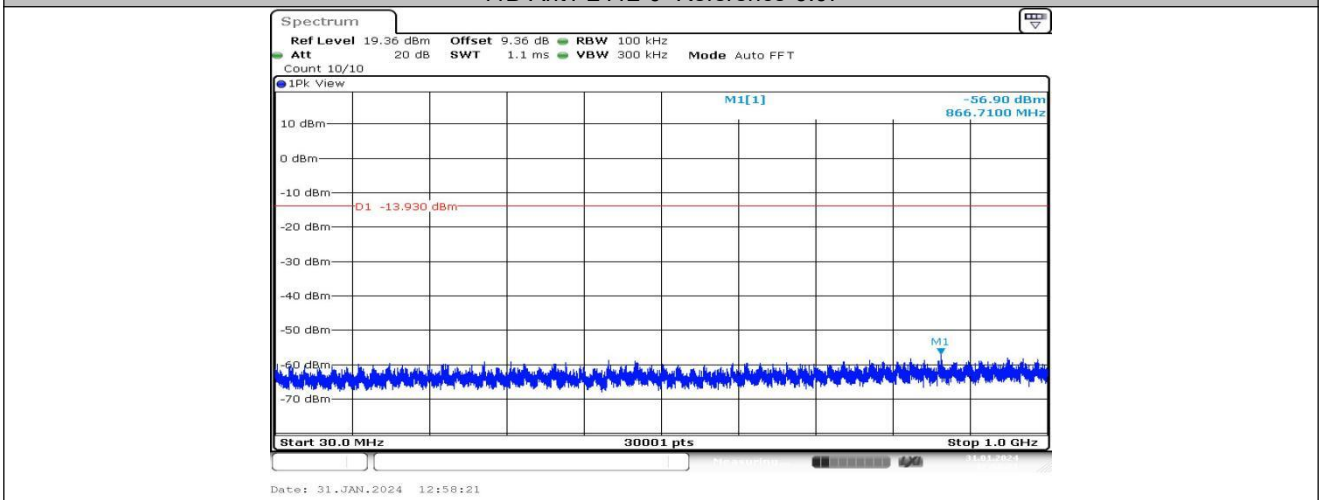
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	6.80	6.80	---	PASS
BLE_1M	Ant1	2402	30~1000	6.80	-45.32	≤-13.2	PASS
BLE_1M	Ant1	2402	1000~26500	6.80	-46.96	≤-13.2	PASS
BLE_1M	Ant1	2440	0~Reference	6.98	6.98	---	PASS
BLE_1M	Ant1	2440	30~1000	6.98	-58.06	≤-13.02	PASS
BLE_1M	Ant1	2440	1000~26500	6.98	-47.31	≤-13.02	PASS
BLE_1M	Ant1	2480	0~Reference	7.62	7.62	---	PASS
BLE_1M	Ant1	2480	30~1000	7.62	-58.21	≤-12.38	PASS
BLE_1M	Ant1	2480	1000~26500	7.62	-46.74	≤-12.38	PASS



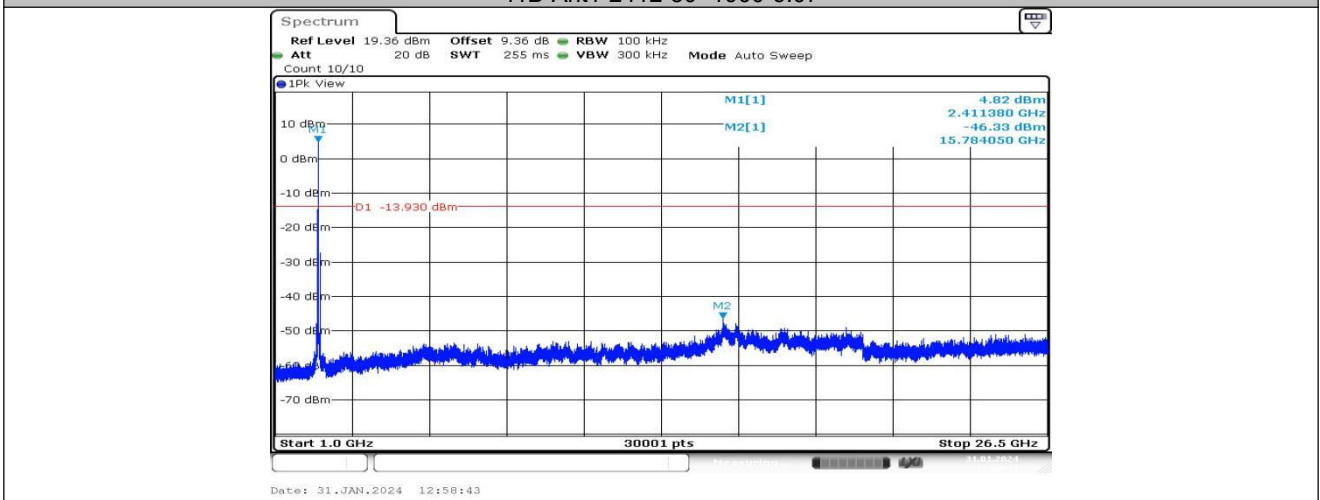
6.6.2 Test Graphs



11B-Ant1-2412-0~Reference-6.07



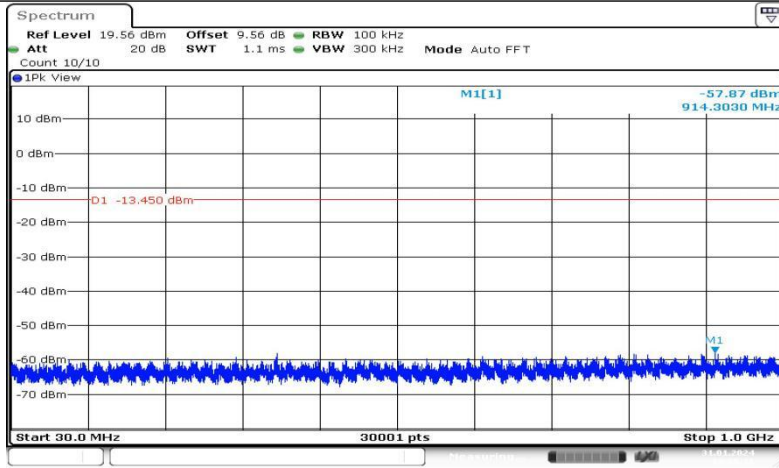
11B-Ant1-2412-30~1000-6.07



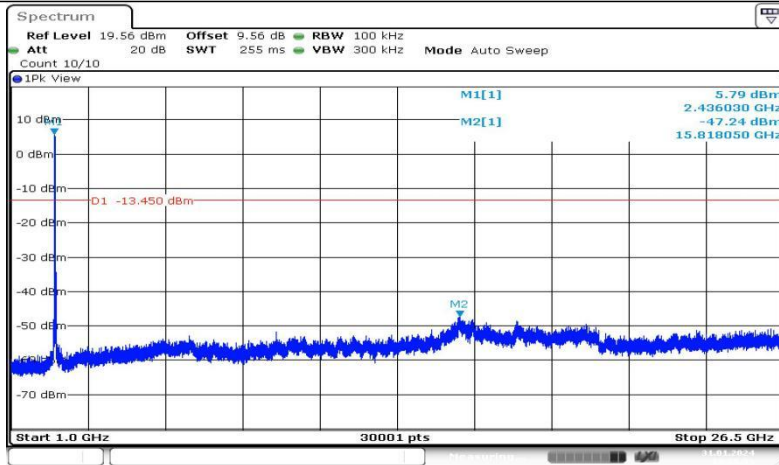
11B-Ant1-2412-1000~26500-6.07



11B-Ant1-2437-0~Reference-6.55



11B-Ant1-2437-30~1000-6.55

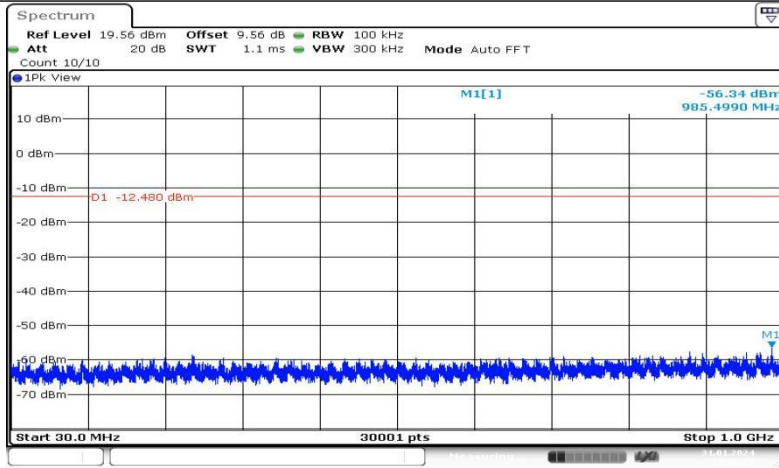


11B-Ant1-2437-1000~26500-6.55



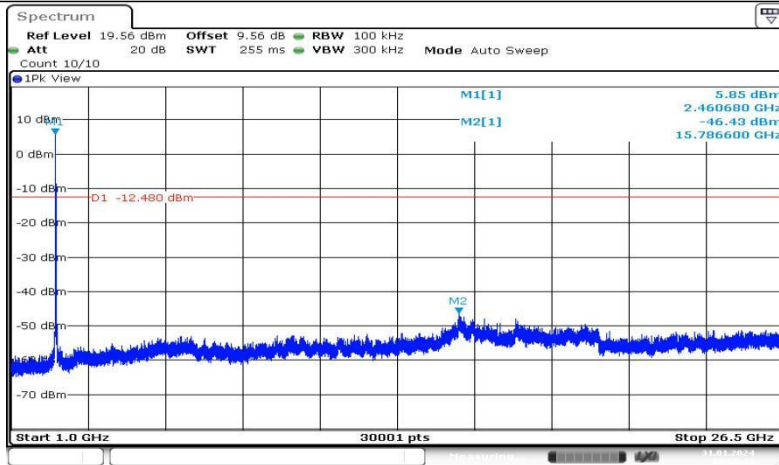
Date: 31.JAN.2024 13:08:21

11B-Ant1-2462-0~Reference-7.52



Date: 31.JAN.2024 13:08:27

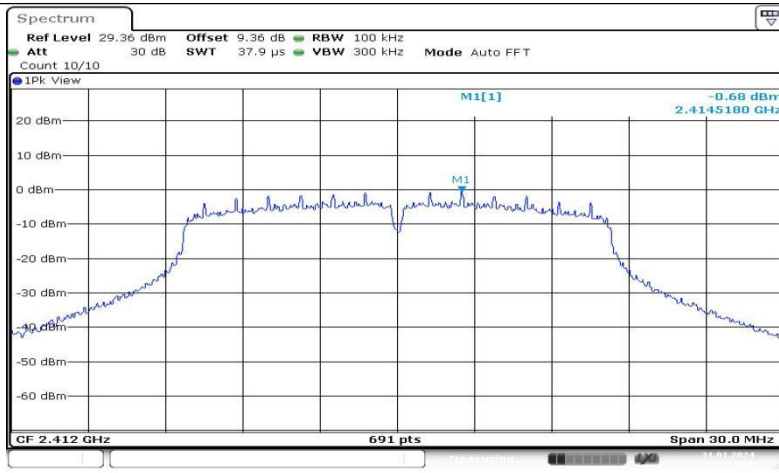
11B-Ant1-2462-30~1000-7.52



Date: 31.JAN.2024 13:08:49

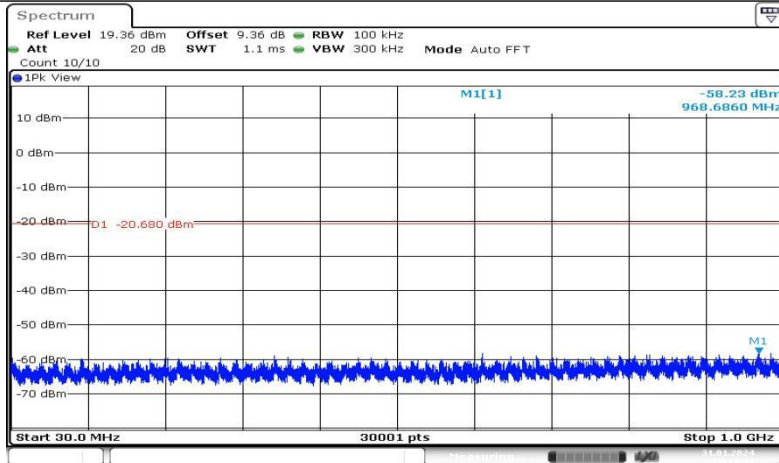
11B-Ant1-2462-1000~26500-7.52





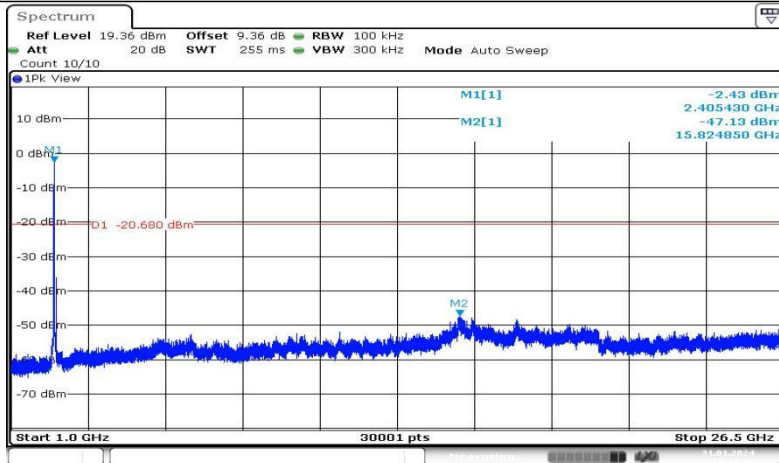
Date: 31.JAN.2024 13:14:28

11G-Ant1-2412-0~Reference--0.68



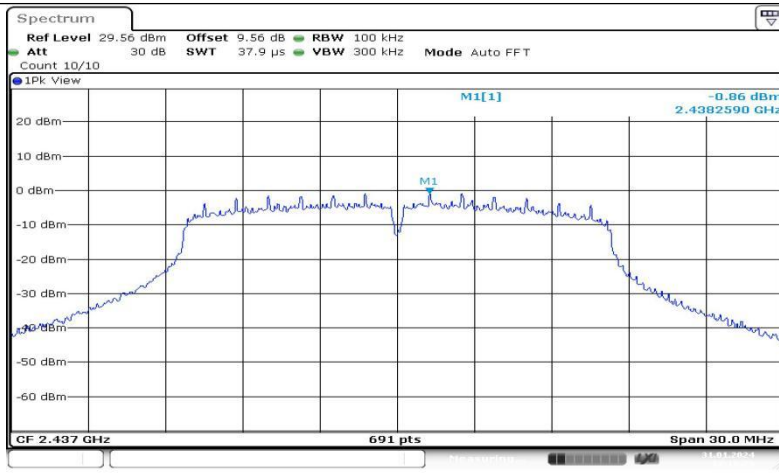
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11G-Ant1-2412-30~1000--0.68



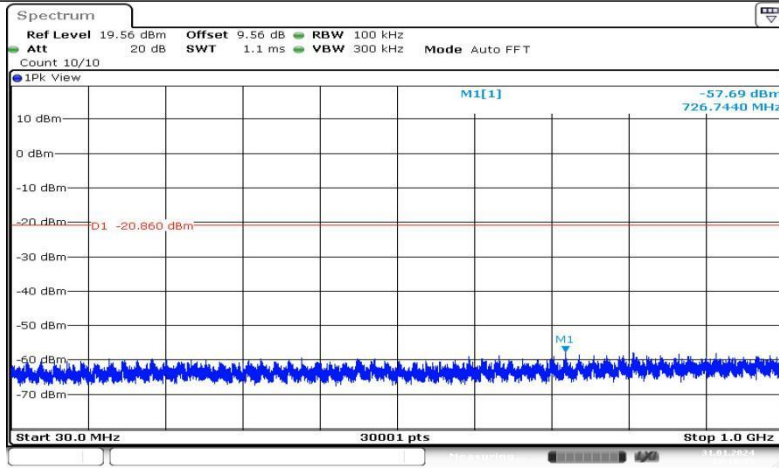
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11G-Ant1-2412-1000~26500--0.68



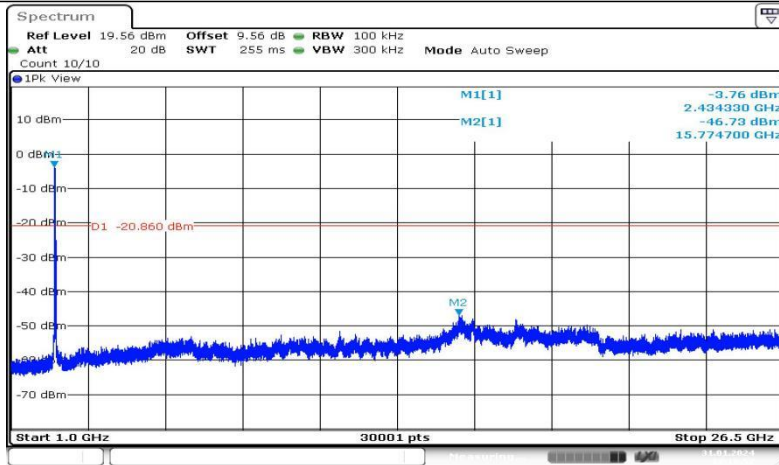
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11G-Ant1-2437-0~Reference--0.86



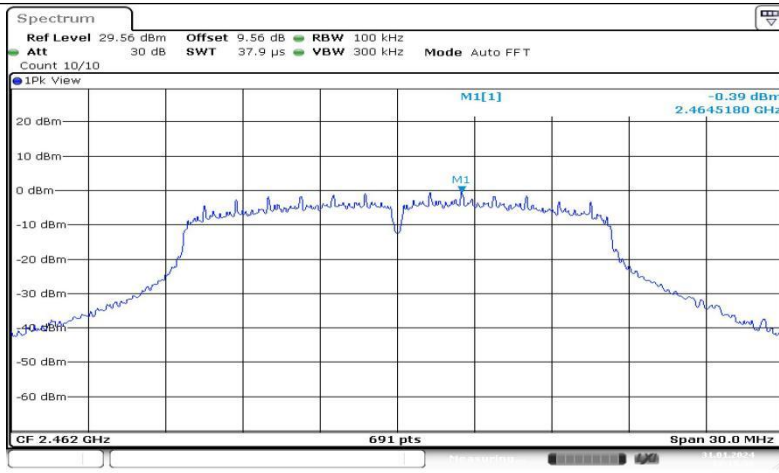
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11G-Ant1-2437-30~1000--0.86



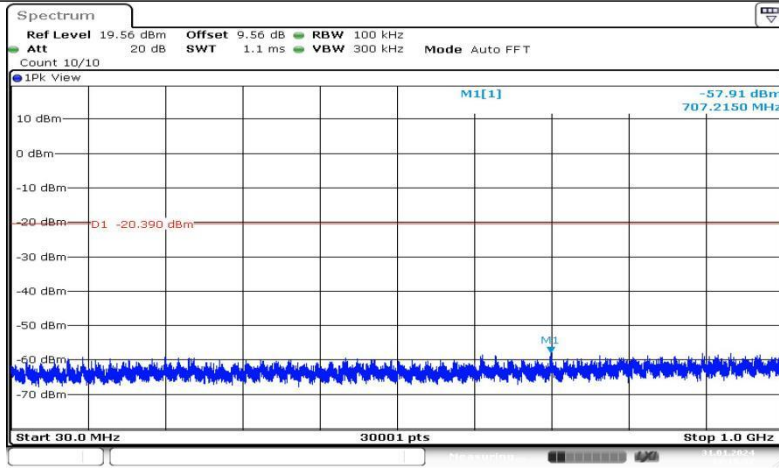
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11G-Ant1-2437-1000~26500--0.86



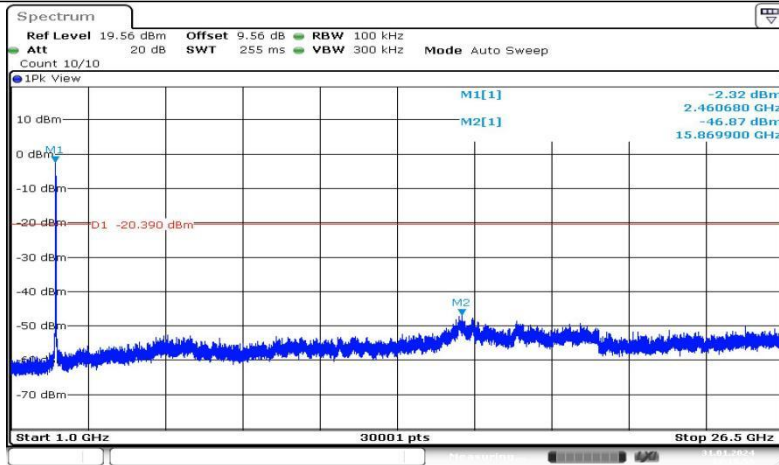
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11G-Ant1-2462-0~Reference--0.39



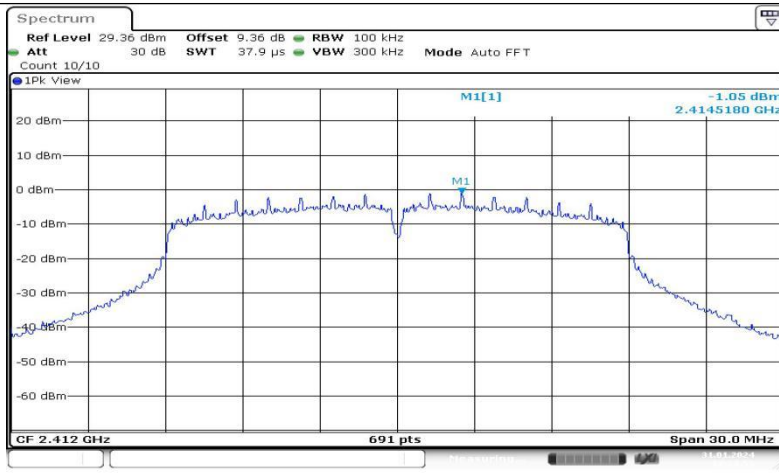
Date: 31.JAN.2024 13:19:38

11G-Ant1-2462-30~1000--0.39



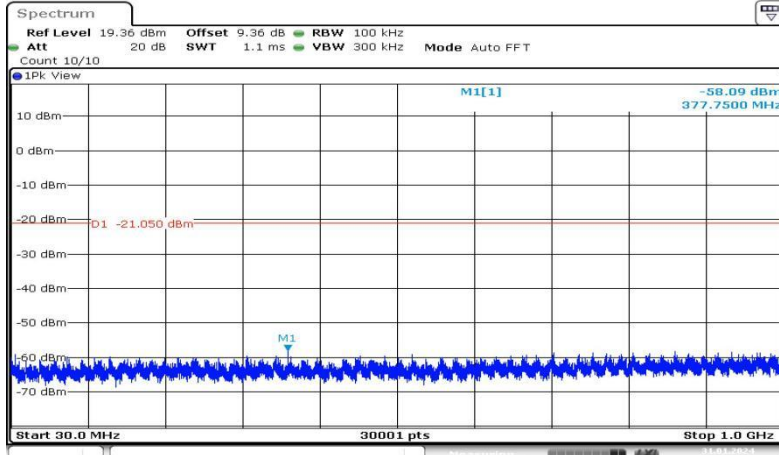
Date: 31.JAN.2024 13:20:00

11G-Ant1-2462-1000~26500--0.39



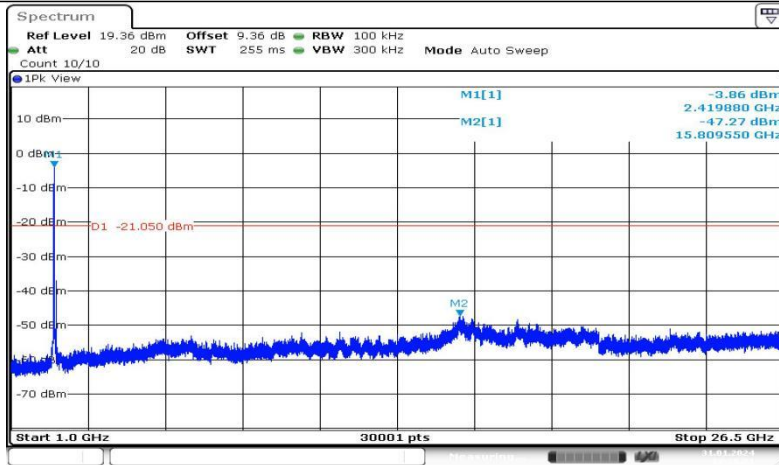
Date: 31.JAN.2024 13:24:53

11N20SISO-Ant1-2412-0~Reference--1.05



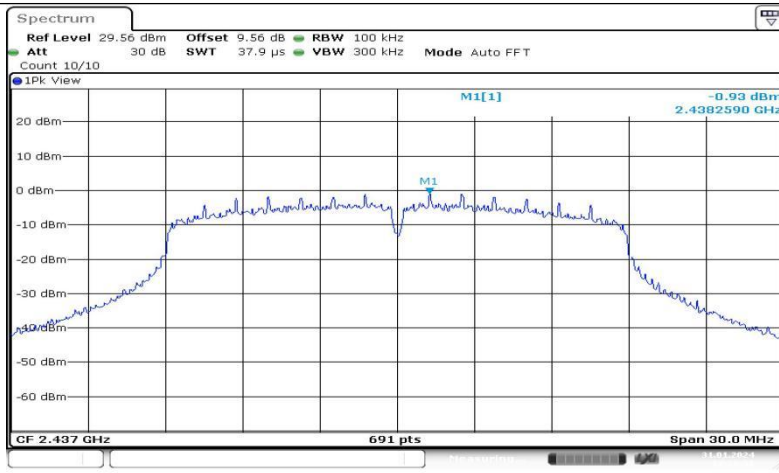
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11N20SISO-Ant1-2412-30~1000--1.05



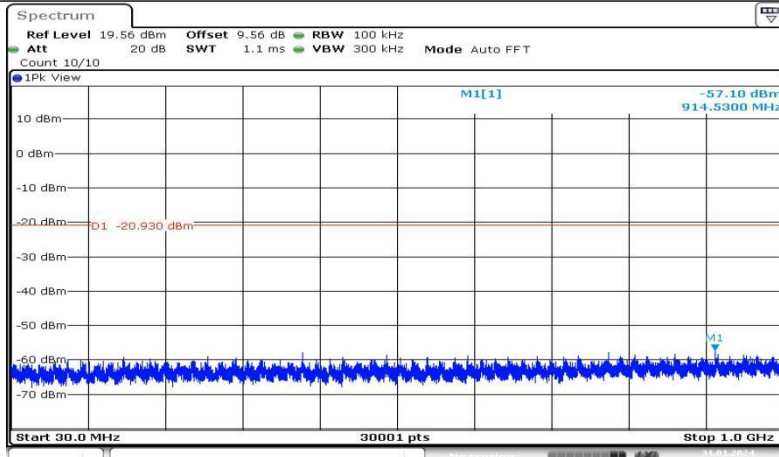
Date: 31.JAN.2024 13:25:21

11N20SISO-Ant1-2412-1000~26500--1.05



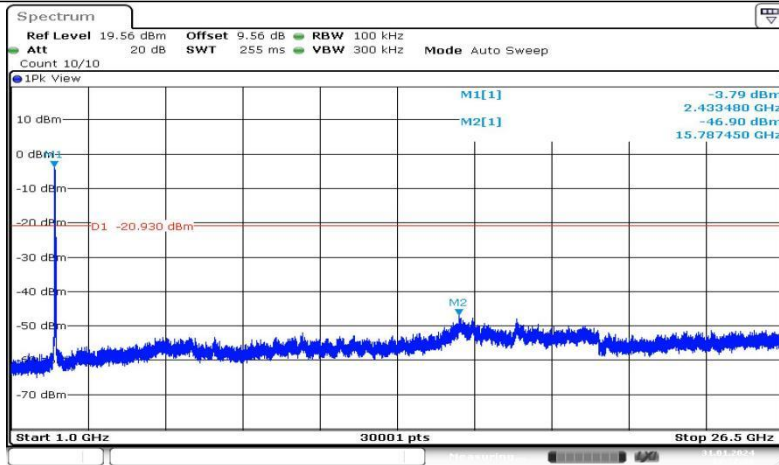
Date: 31.JAN.2024 13:26:38

11N20SISO-Ant1-2437-0~Reference--0.93



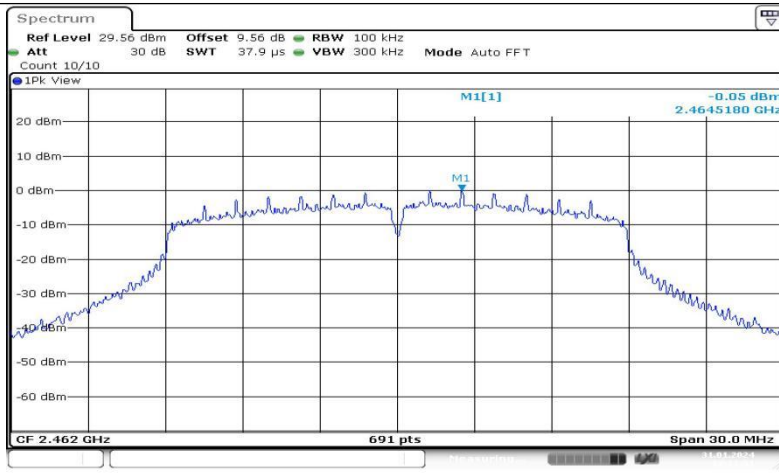
Date: 31.JAN.2024 13:26:44

11N20SISO-Ant1-2437-30~1000--0.93



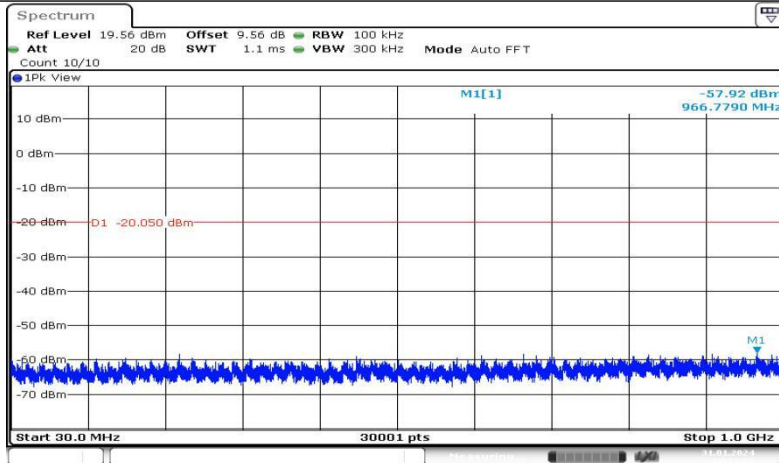
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11N20SISO-Ant1-2437-1000~26500--0.93



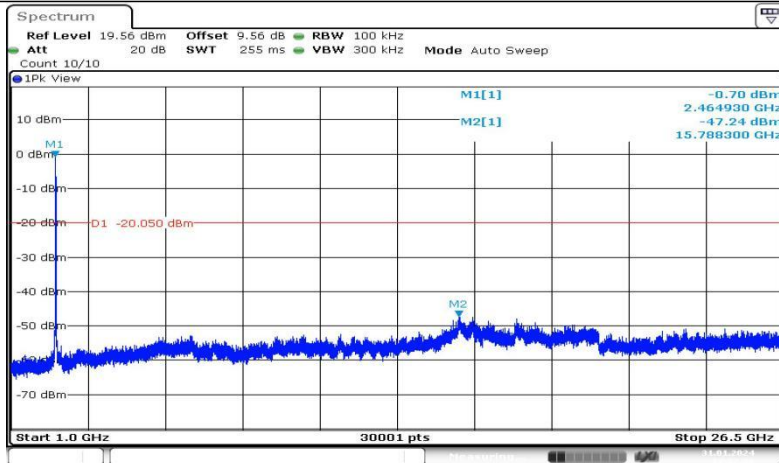
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11N20SISO-Ant1-2462-0~Reference--0.05



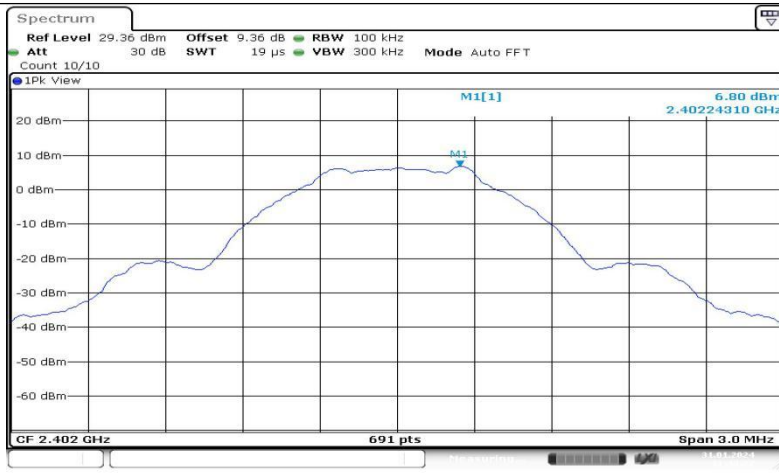
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11N20SISO-Ant1-2462-30~1000--0.05



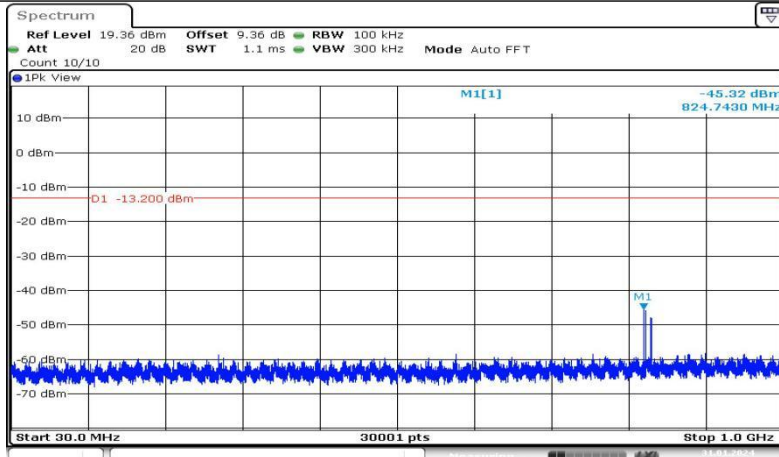
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11N20SISO-Ant1-2462-1000~26500--0.05



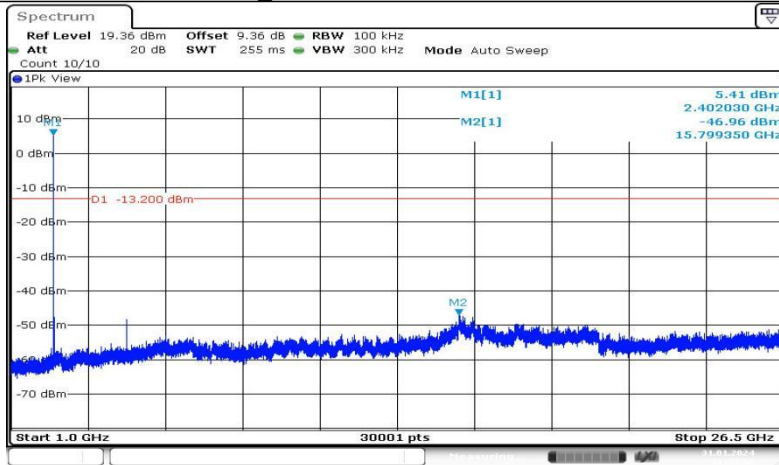
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BLE\_1M-Ant1-2402-0~Reference-6.80



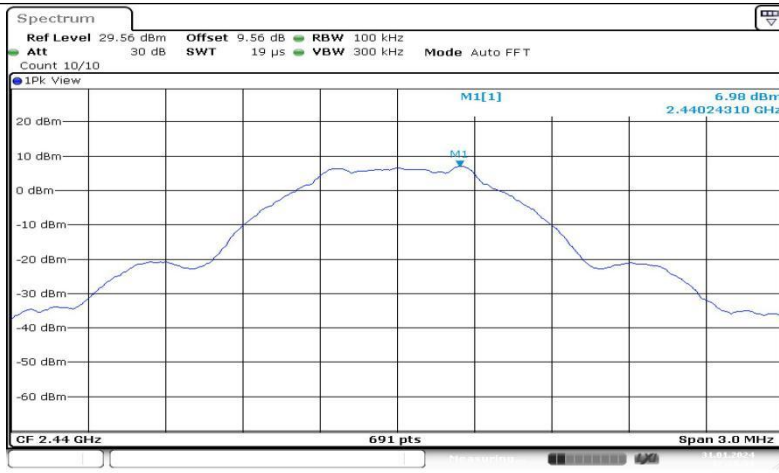
Date: 31.JAN.2024 11:40:34

BLE\_1M-Ant1-2402-30~1000-6.80



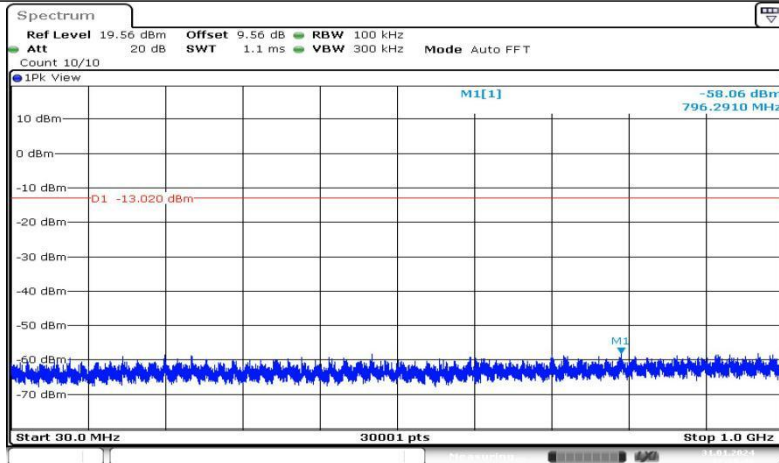
Date: 31.JAN.2024 11:40:56

BLE\_1M-Ant1-2402-1000~26500-6.80



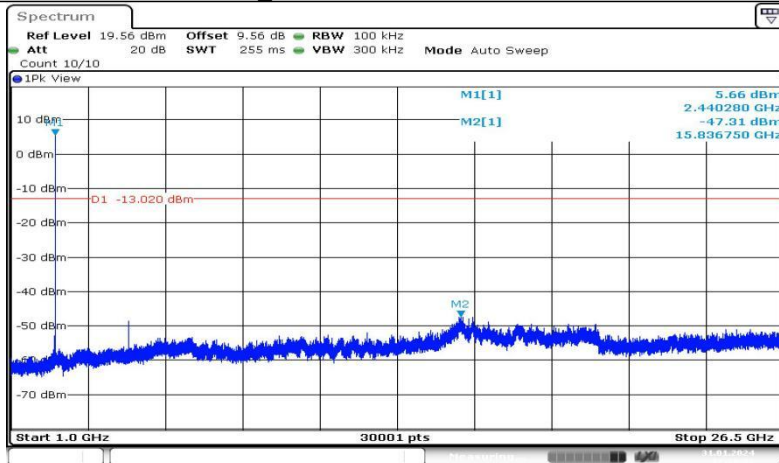
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BLE\_1M-Ant1-2440-0~Reference-6.98



Date: 31.JAN.2024 12:25:41

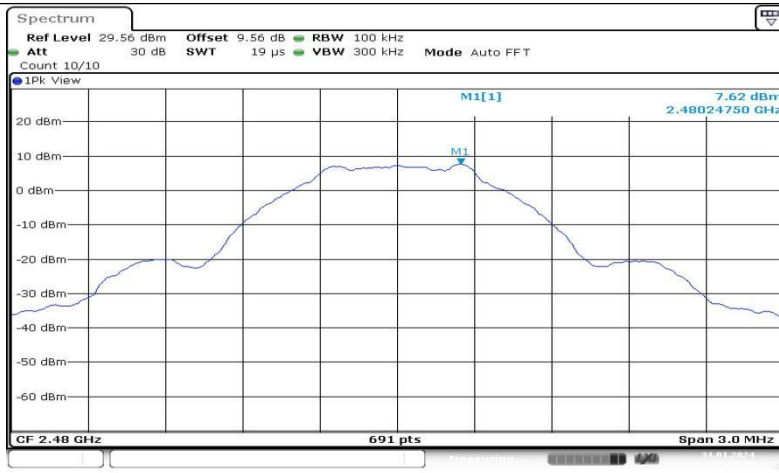
BLE\_1M-Ant1-2440-30~1000-6.98



Date: 31.JAN.2024 12:26:03

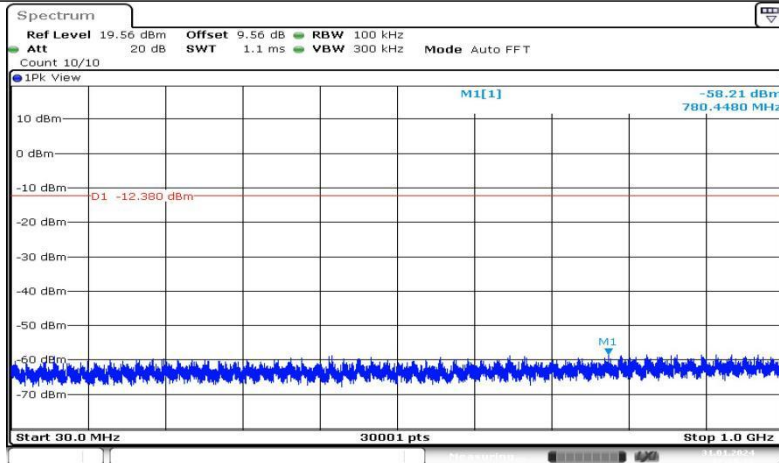
BLE\_1M-Ant1-2440-1000~26500-6.98





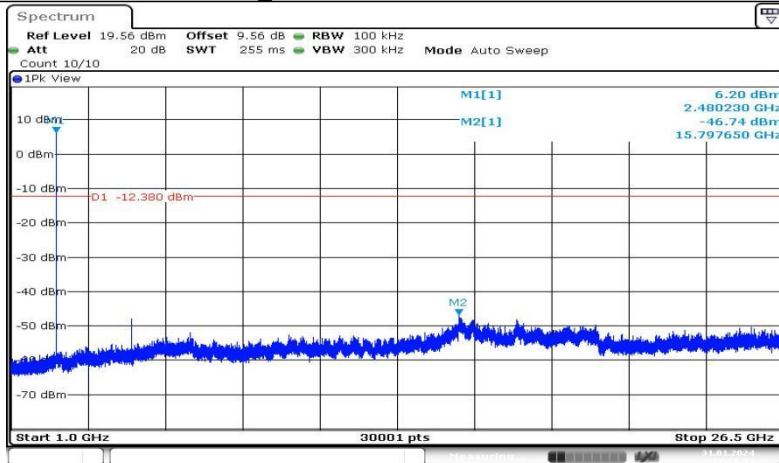
Date: 31.JAN.2024 12:29:07

BLE\_1M-Ant1-2480-0~Reference-7.62



Date: 31.JAN.2024 12:29:13

BLE\_1M-Ant1-2480-30~1000-7.62



Date: 31.JAN.2024 12:29:35

BLE\_1M-Ant1-2480-1000~26500-7.62

----- End of the Report -----



## Important

- (1) The test report is invalid without the official stamp of CVC;
- (2) Any part photocopies of the test report are forbidden without the written permission from CVC;
- (3) The test report is invalid without the signatures of Approval and Reviewer;
- (4) The test report is invalid if altered;
- (5) Objections to the test report must be submitted to CVC within 15 days.
- (6) Generally, commission test is responsible for the tested samples only.
- (7) As for the test result “-” or “N” means “not applicable”, “/” means “not test”, “P” means “pass” and “F” means “fail”

*\*\*The test data and test results given in this test report should only be used for purposes of scientific research, teaching and internal quality control when the CMA symbol is not presented.\*\**

Address: No. 1301, Guanguang Road, Xinlan Community, Guanlan Street,  
Longhua District, Shenzhen, Guangdong, 518110, P. R. China

Post Code: 518110 Tel: 0755-23763060-8805

Fax: 0755-23763060 E-mail: sz-kf@cvc.org.cn

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