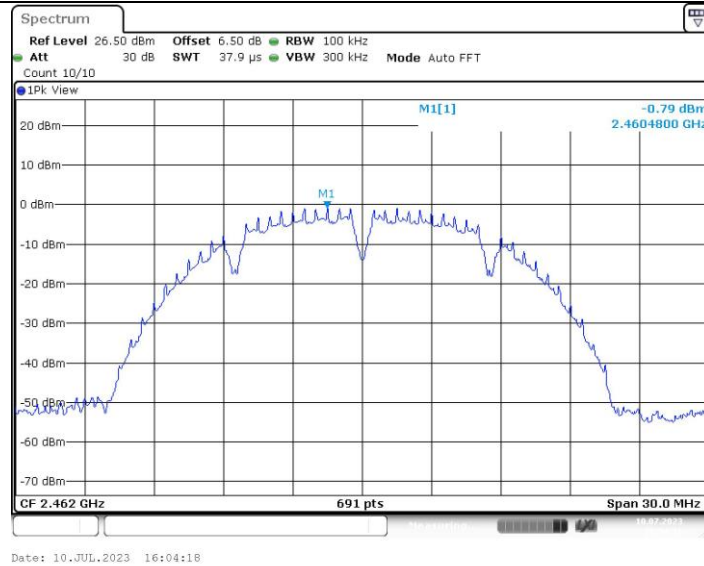
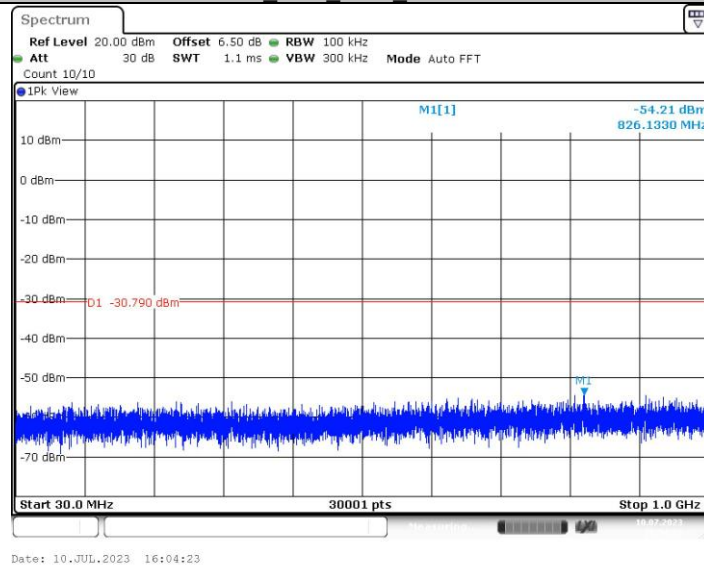
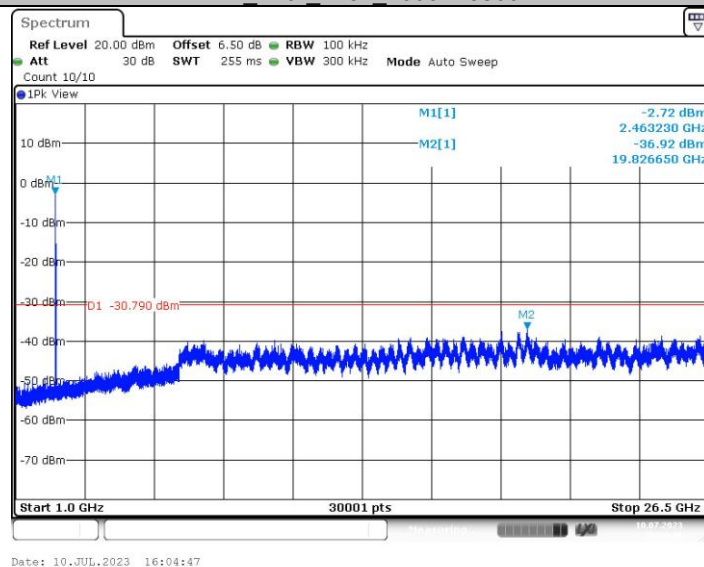




11B Ant2 2462 30-1000



11B Ant2 2462 1000-26500



11G Ant1 2412 0-Reference

CTC Laboratories, Inc.

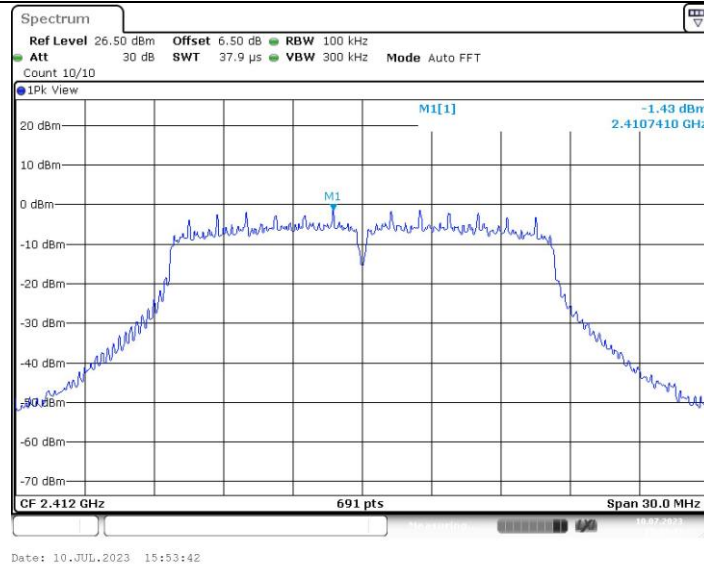
2/F., Building 1 and 1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Longhua District, Shenzhen, Guangdong, China

Tel.: (86)755-27521059

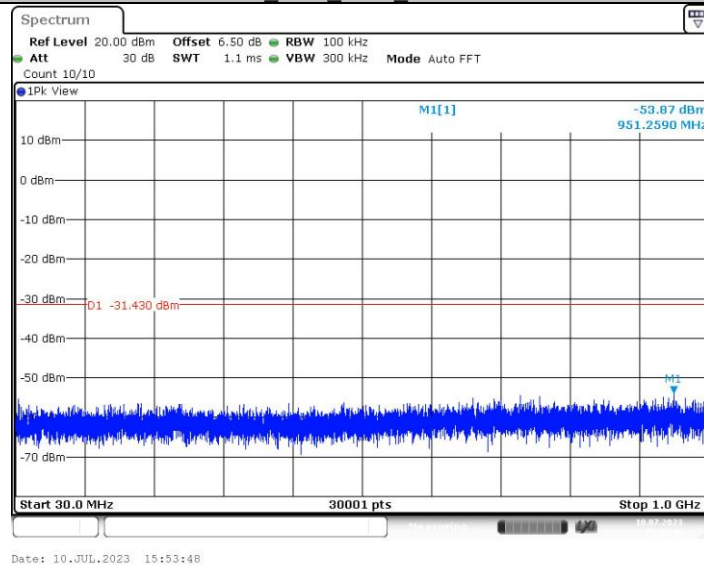
Fax: (86)755-27521011

Http://www.sz-ctc.org.cn

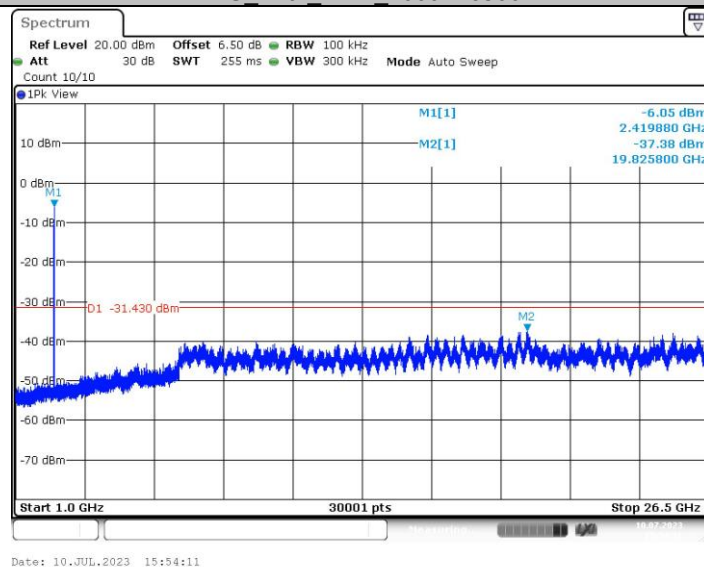
For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : <http://yz.cnca.cn>



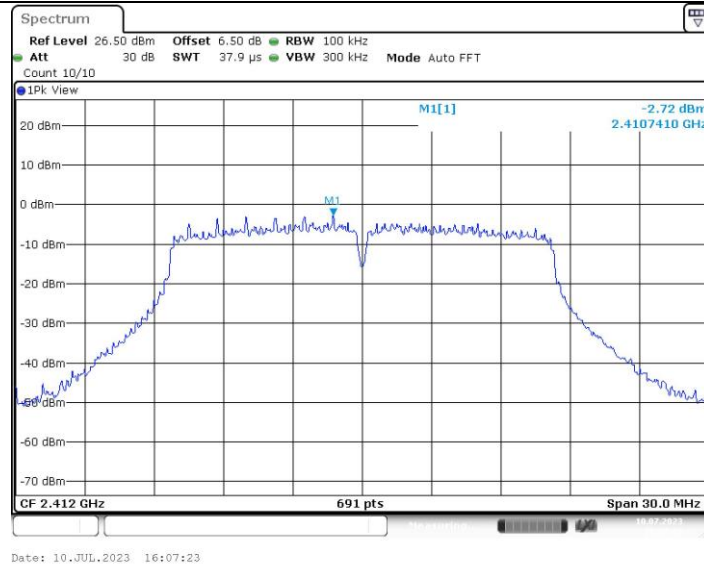
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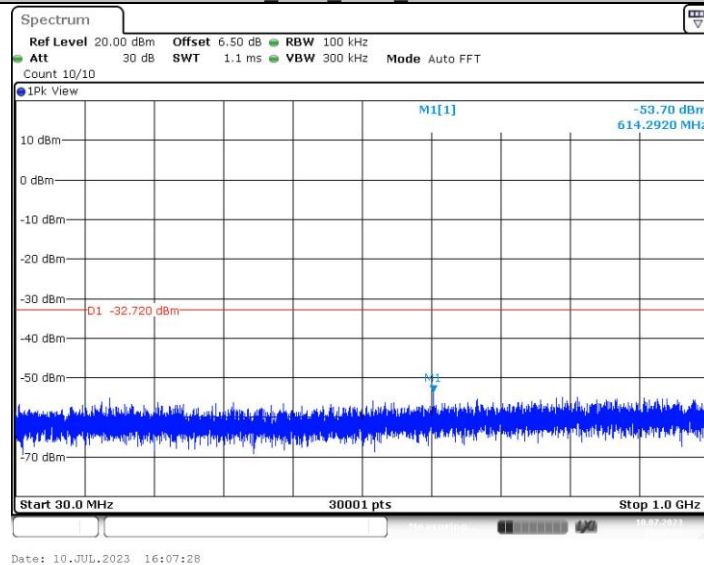
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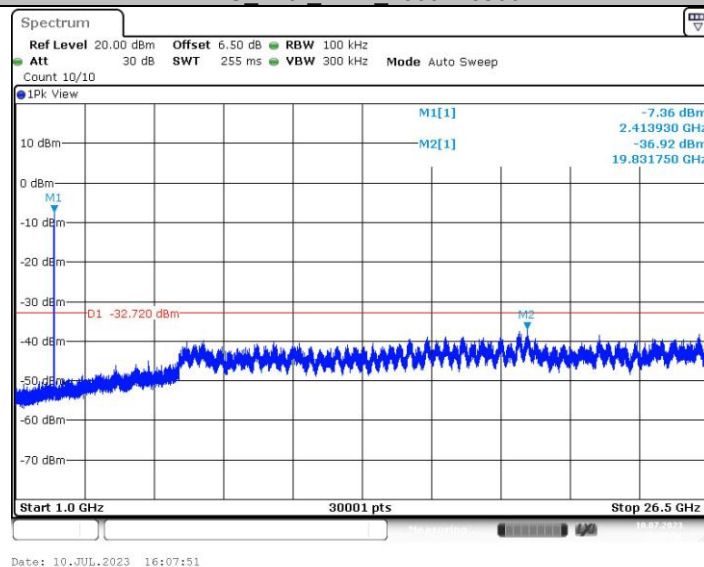
11G_Ant2_2412_0~Reference



11G_Ant2_2412_30~1000



11G_Ant2_2412_1000~26500



11G_Ant1_2437_0~Reference

CTC Laboratories, Inc.

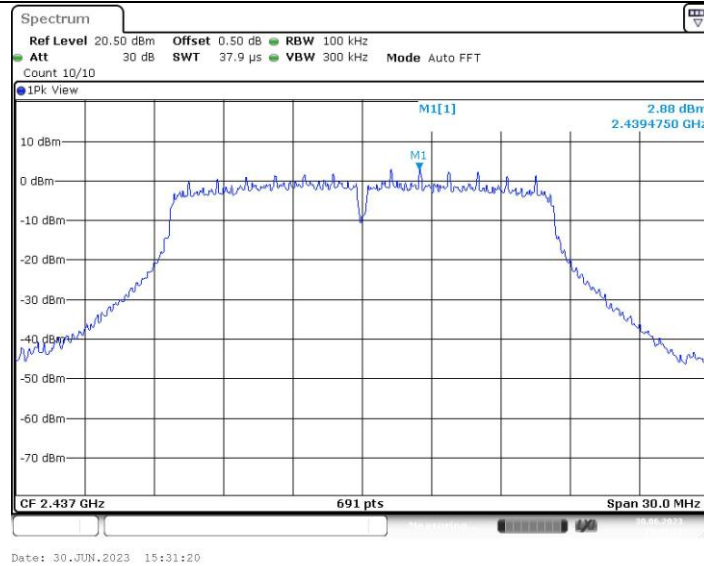
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Tel.: (86)755-27521059

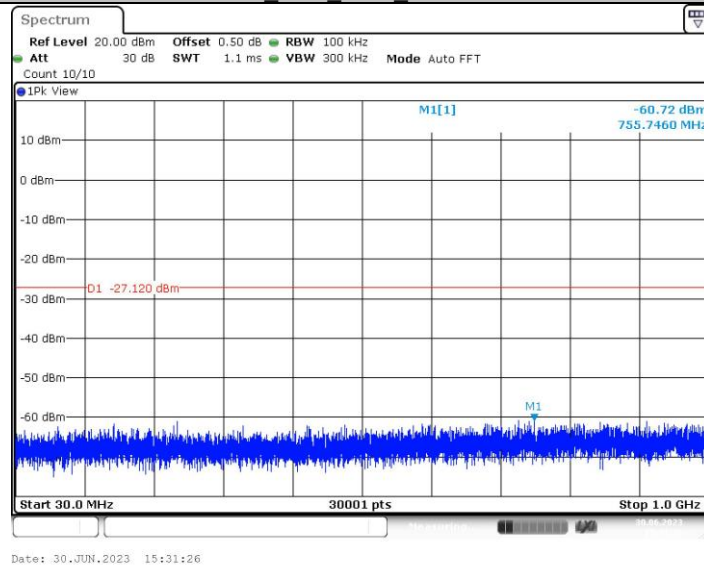
Fax: (86)755-27521011

Http://www.sz-ctc.org.cn

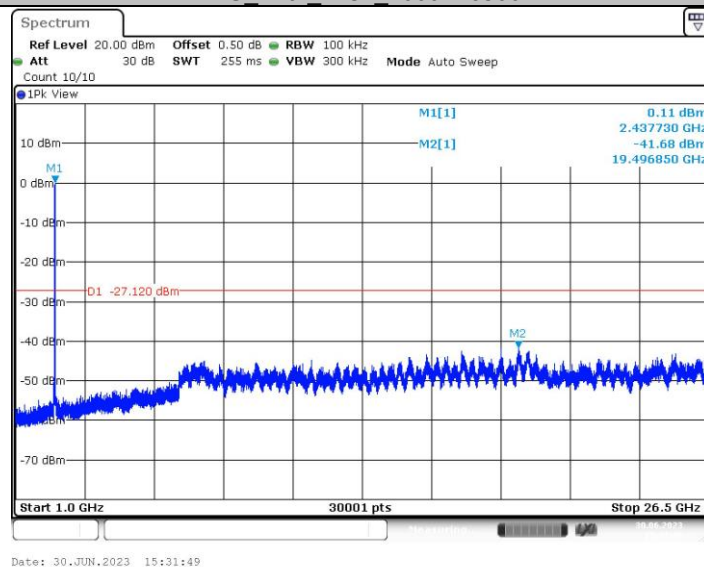
For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : <http://yz.cnca.cn>



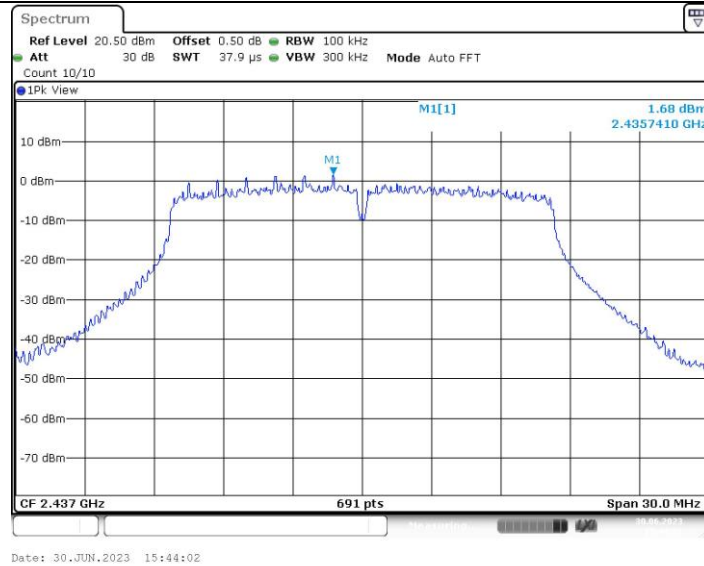
11G_Ant1_2437_30~1000



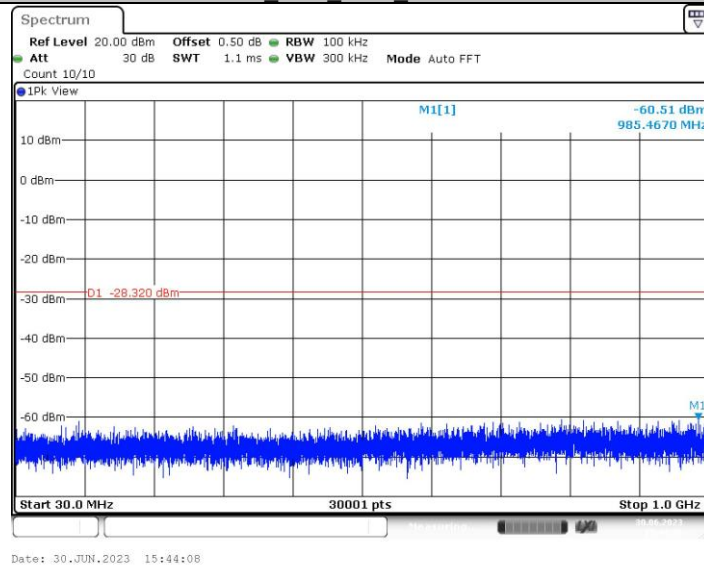
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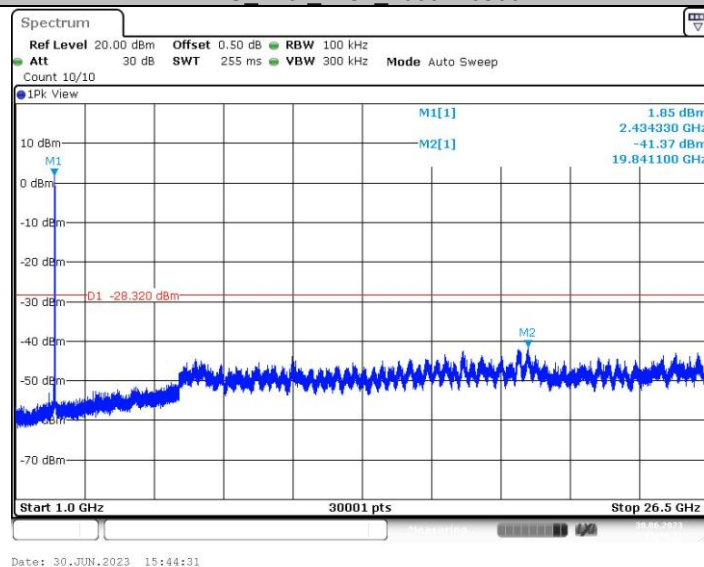
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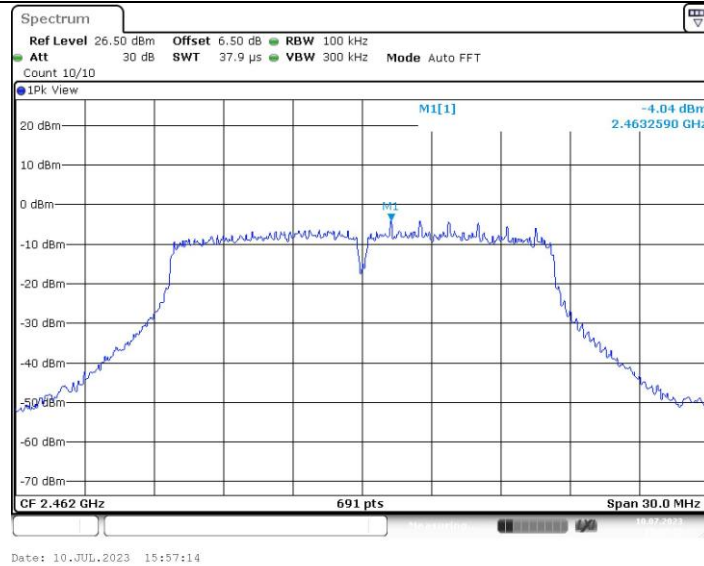
11G_Ant2_2437_30~1000



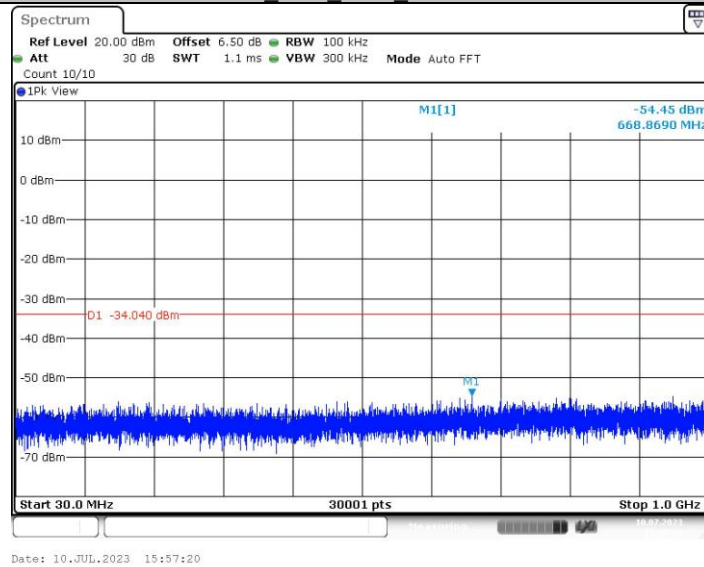
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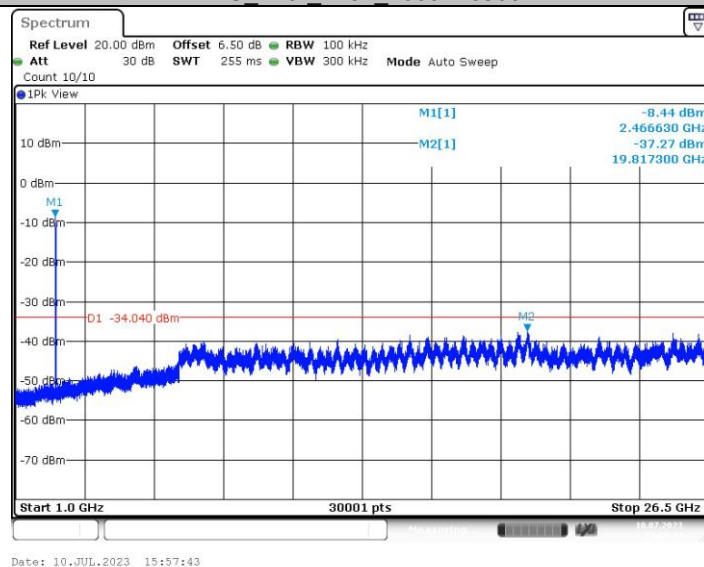
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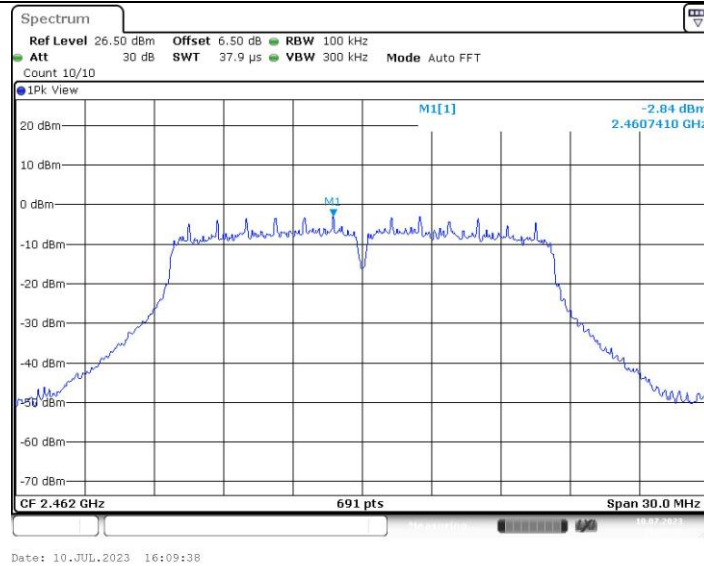
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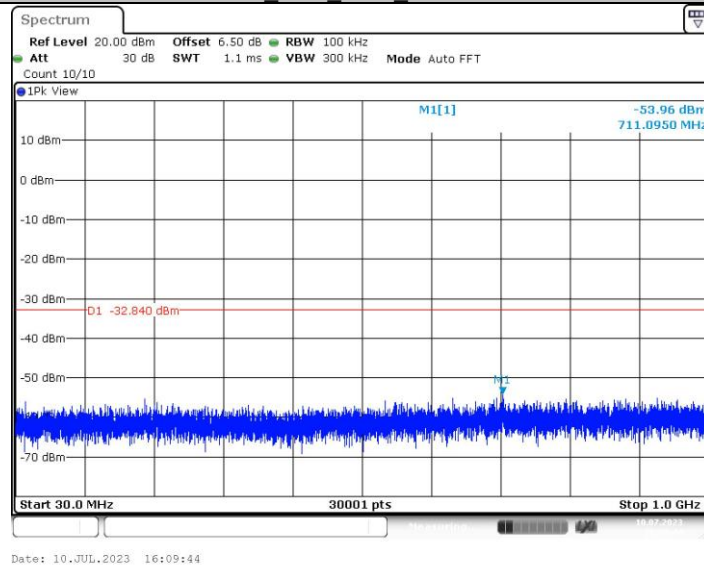
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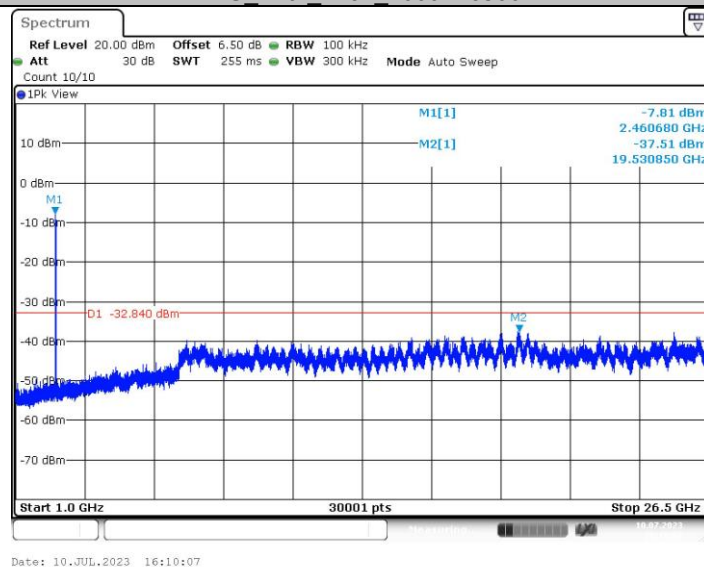
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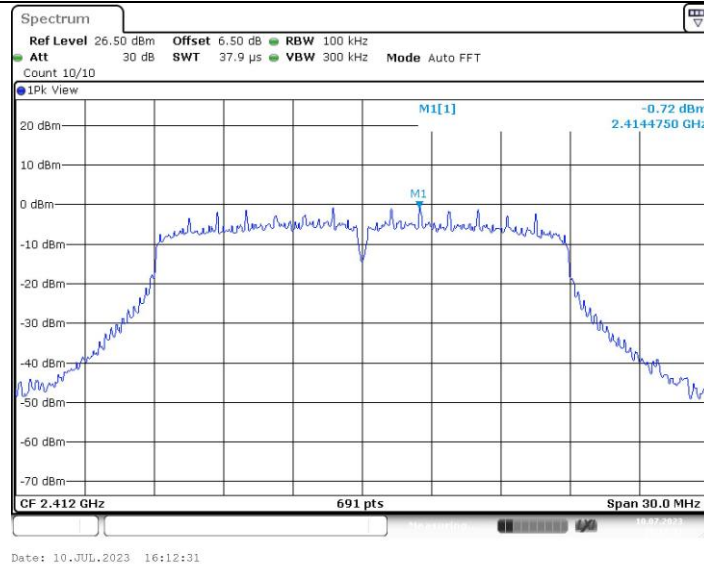
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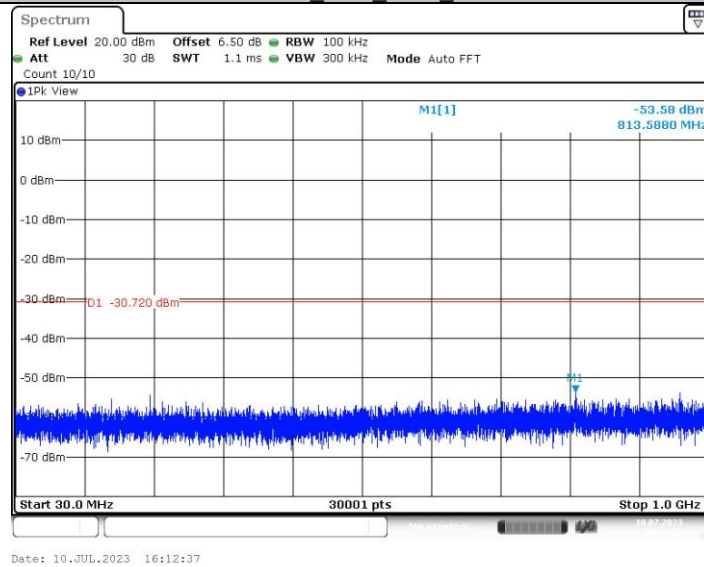
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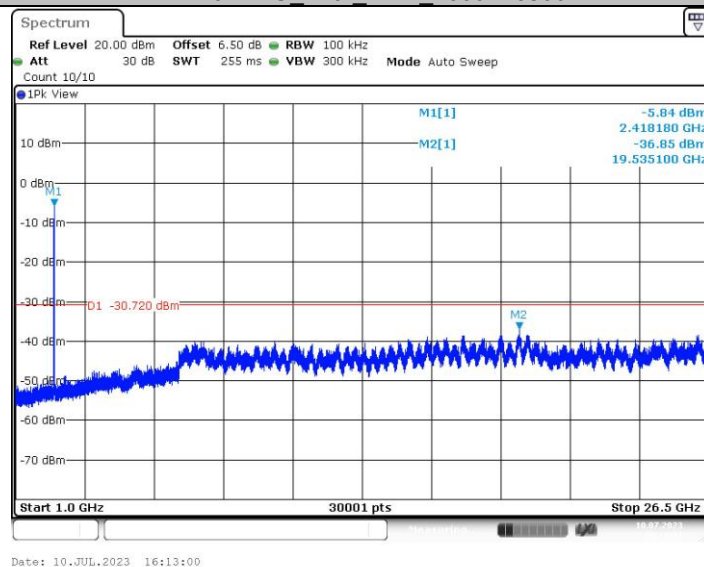
11N20MIMO_Ant1_2412_0~Reference



11N20MIMO_Ant1_2412_30-1000



11N20MIMO_Ant1_2412_1000-26500



11N20MIMO_Ant2_2412_0-Reference

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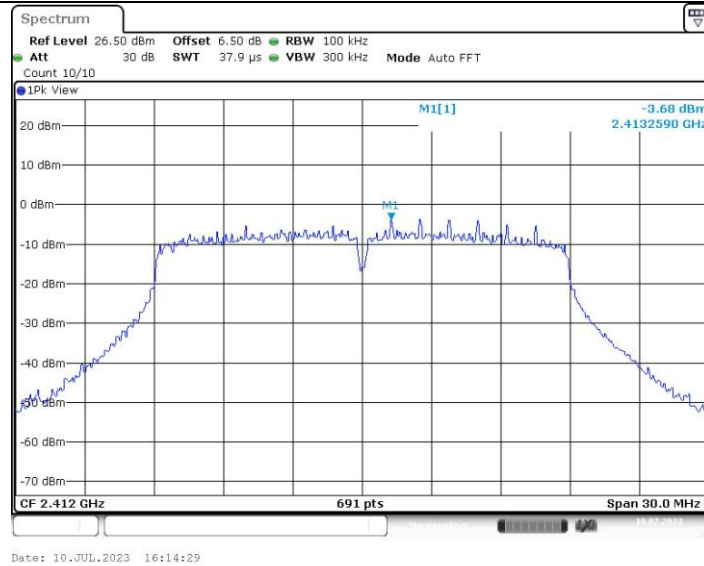
2/F., Building 1 and 1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Longhua District, Shenzhen, Guangdong, China

Tel.: (86)755-27521059

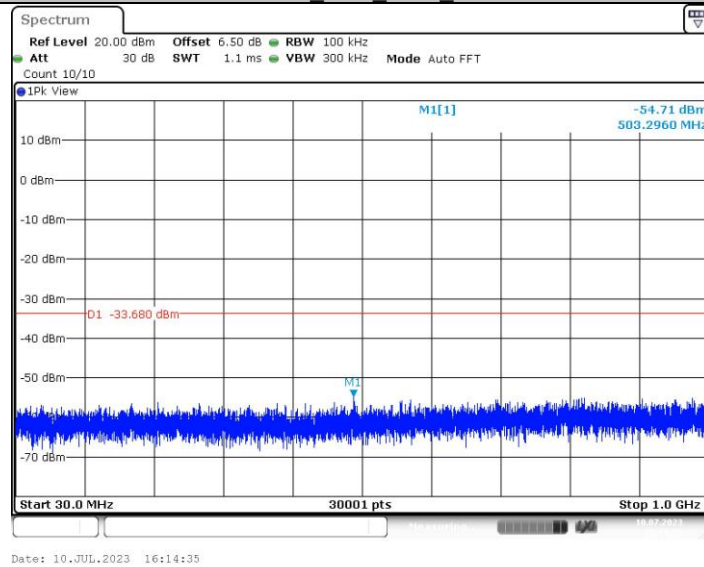
Fax: (86)755-27521011

Http://www.sz-ctc.org.cn

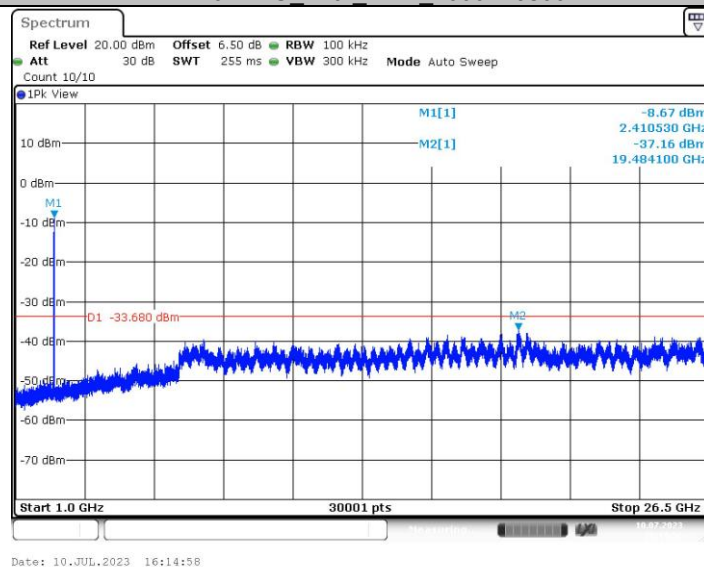
For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : <http://yz.cnca.cn>



11N20MIMO_Ant2_2412_30-1000



11N20MIMO_Ant2_2412_1000-26500



11N20MIMO_Ant1_2437_0-Reference

CTC Laboratories, Inc.

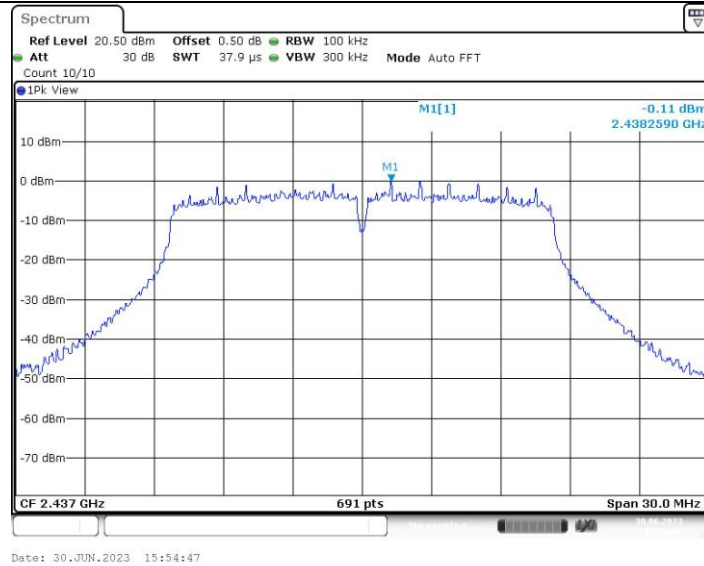
2/F., Building 1 and 1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Longhua District, Shenzhen, Guangdong, China

Tel.: (86)755-27521059

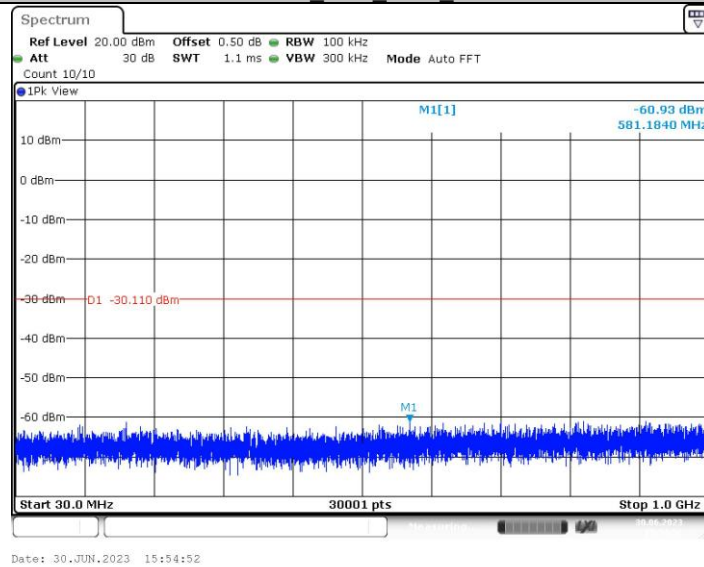
Fax: (86)755-27521011

Http://www.sz-ctc.org.cn

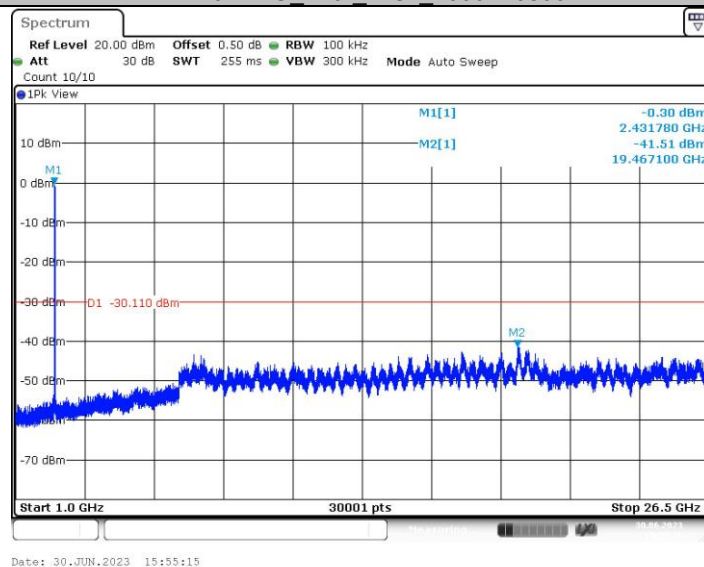
For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : <http://yz.cnca.cn>



11N20MIMO_Ant1_2437_30-1000



11N20MIMO_Ant1_2437_1000-26500



11N20MIMO_Ant2_2437_0-Reference

CTC Laboratories, Inc.

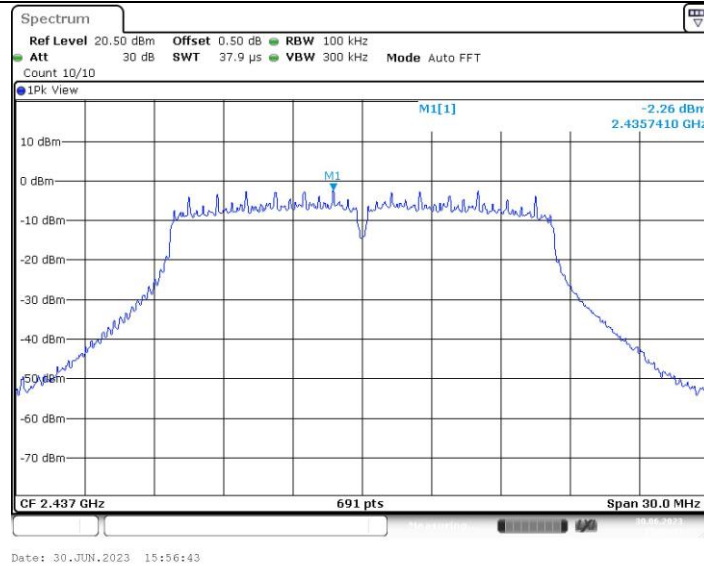
2/F., Building 1 and 1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Longhua District, Shenzhen, Guangdong, China

Tel.: (86)755-27521059

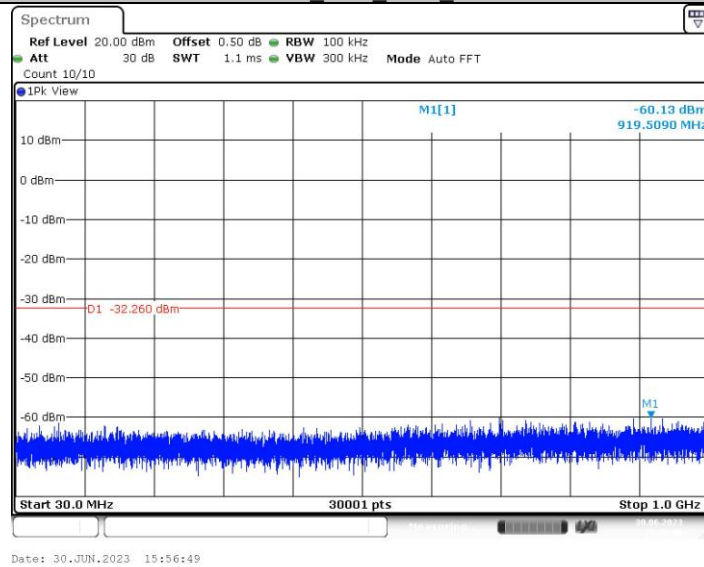
Fax: (86)755-27521011

Http://www.sz-ctc.org.cn

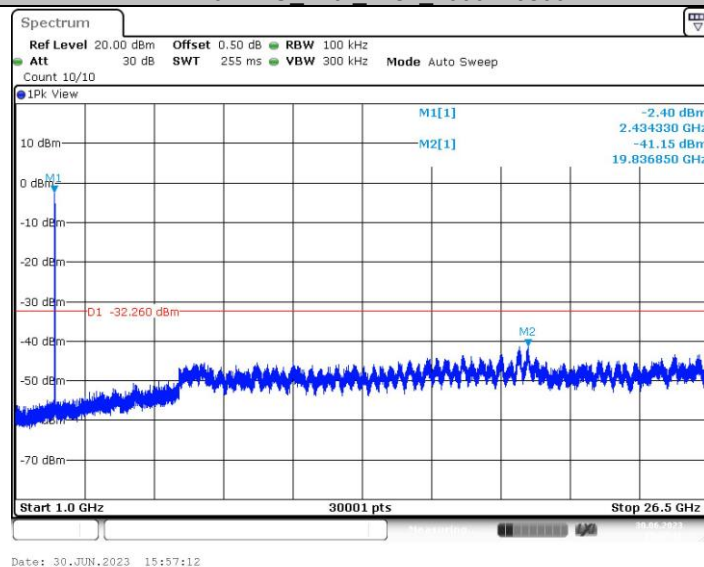
For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : <http://yz.cnca.cn>



11N20MIMO_Ant2_2437_30-1000



11N20MIMO_Ant2_2437_1000-26500



11N20MIMO_Ant1_2462_0-Reference

CTC Laboratories, Inc.

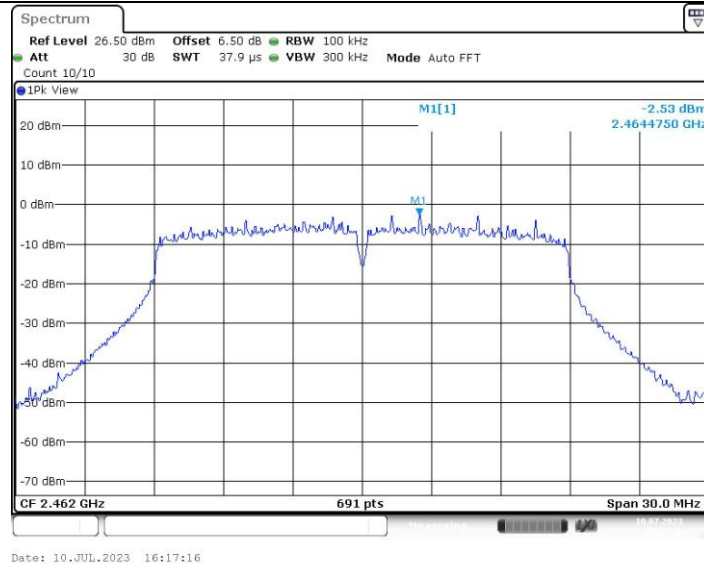
2/F., Building 1 and 1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Longhua District, Shenzhen, Guangdong, China

Tel.: (86)755-27521059

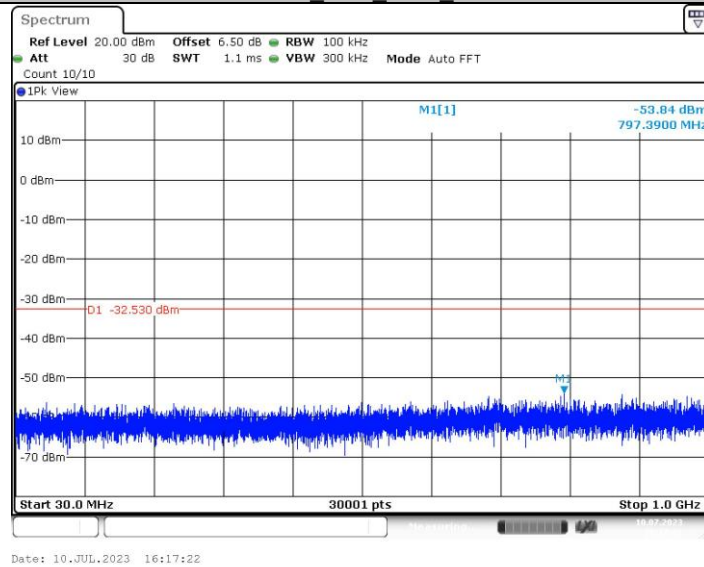
Fax: (86)755-27521011

Http://www.sz-ctc.org.cn

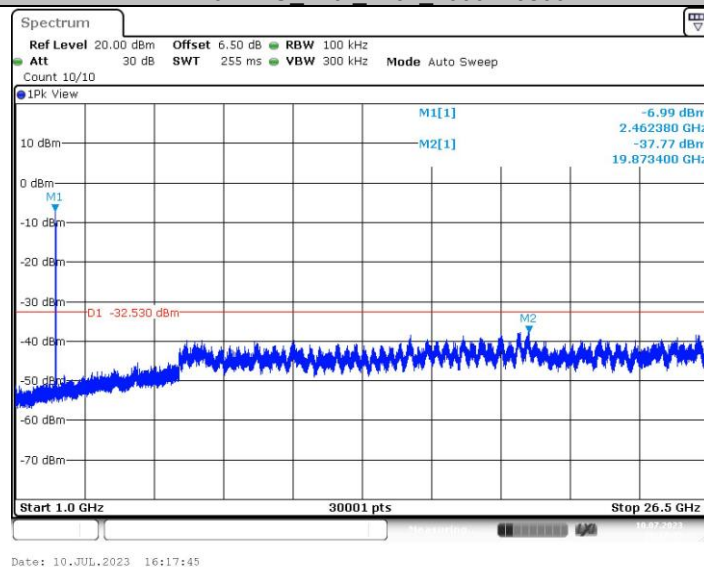
For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : <http://yz.cnca.cn>



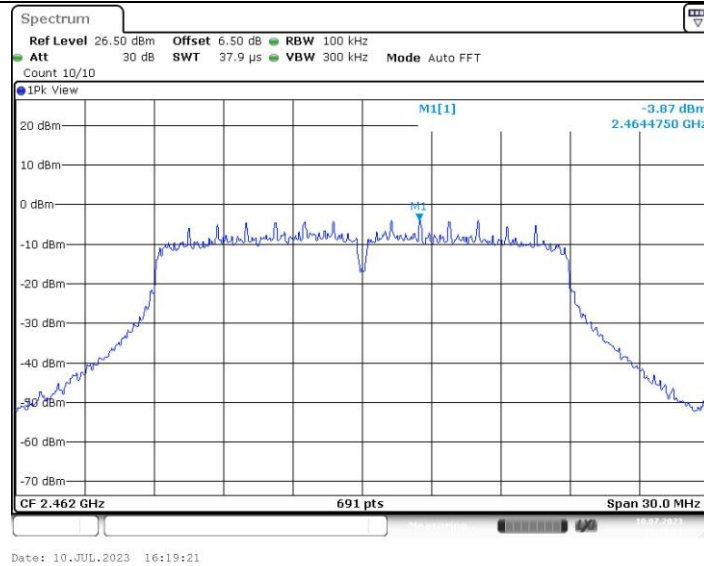
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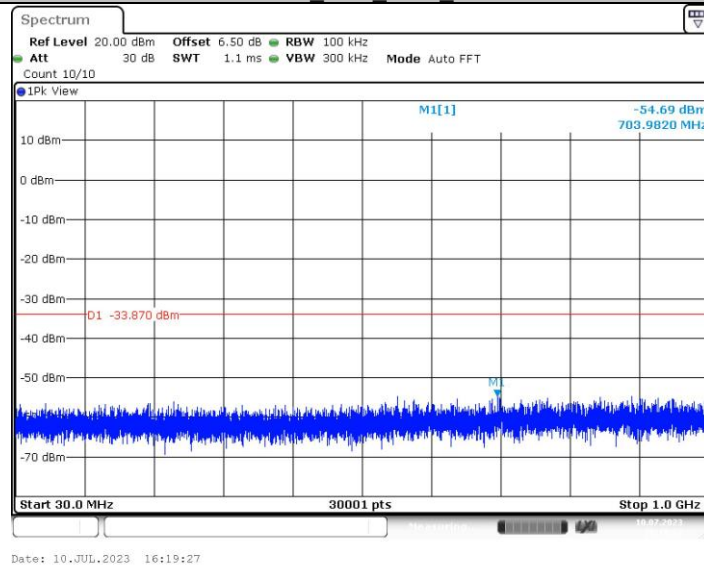
11N20MIMO_Ant1_2462_1000~26500



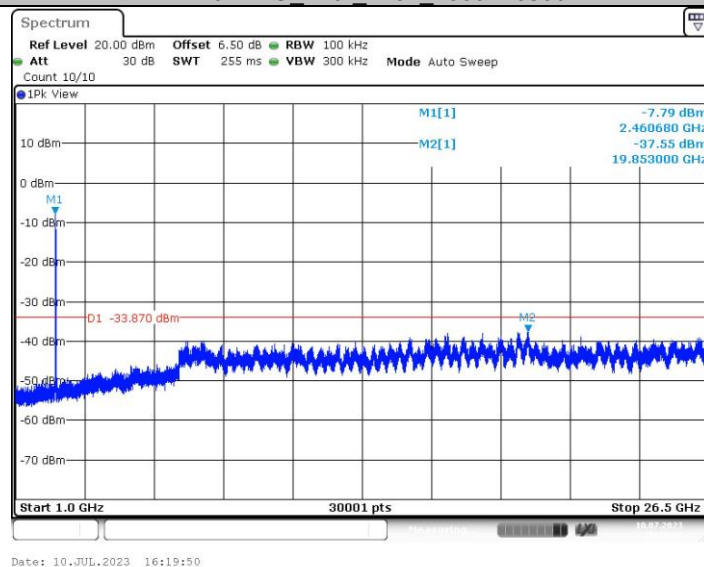
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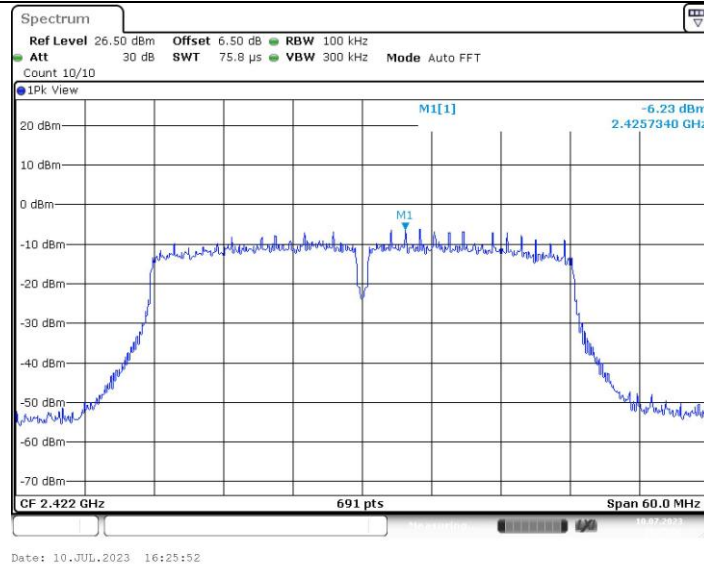
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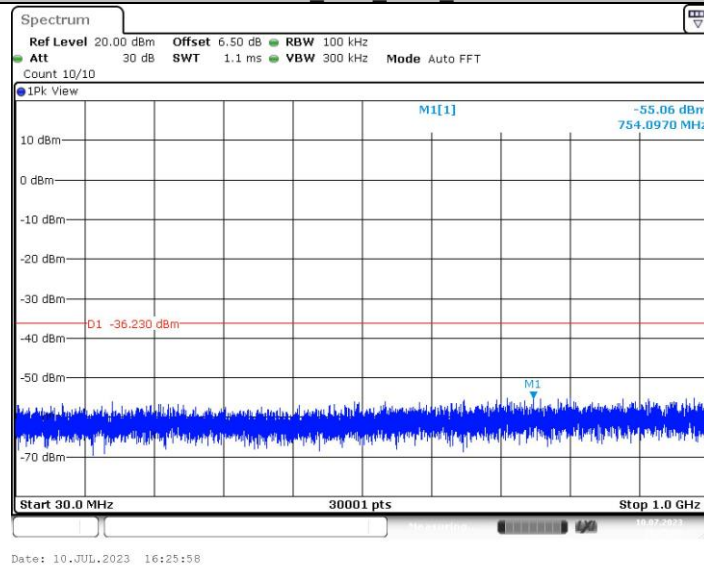
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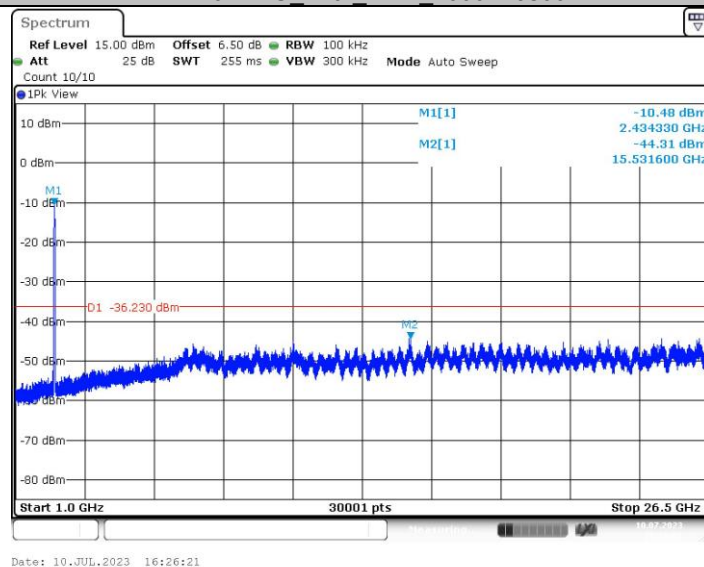
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11N40MIMO_Ant1_2422_30-1000



11N40MIMO_Ant1_2422_1000-26500



11N40MIMO_Ant2_2422_0-Reference

CTC Laboratories, Inc.

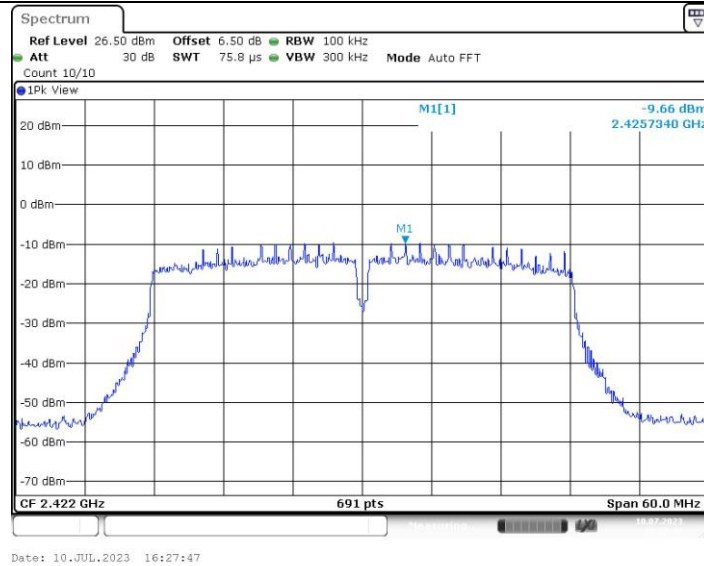
2/F., Building 1 and 1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Longhua District, Shenzhen, Guangdong, China

Tel.: (86)755-27521059

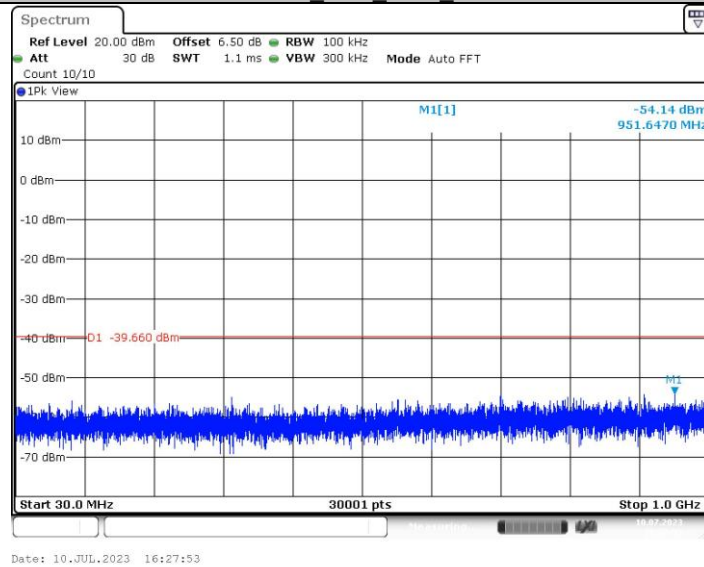
Fax: (86)755-27521011

Http://www.sz-ctc.org.cn

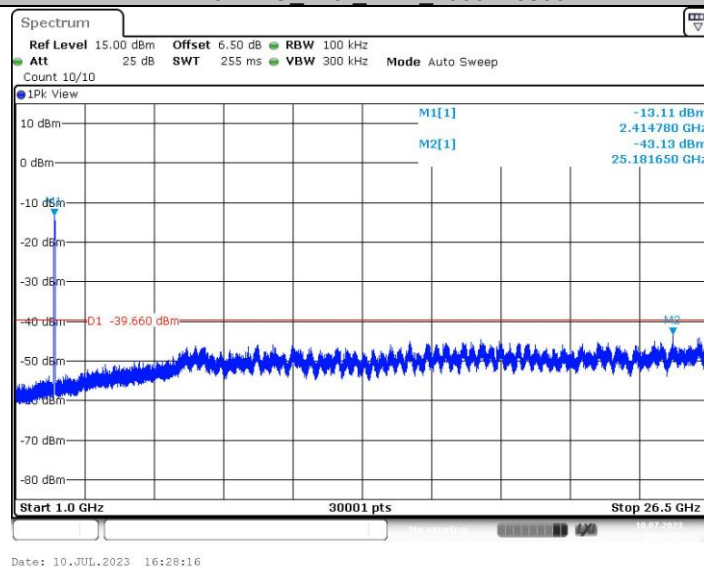
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11N40MIMO_Ant2_2422_30-1000



11N40MIMO_Ant2_2422_1000-26500



11N40MIMO_Ant1_2437_0-Reference

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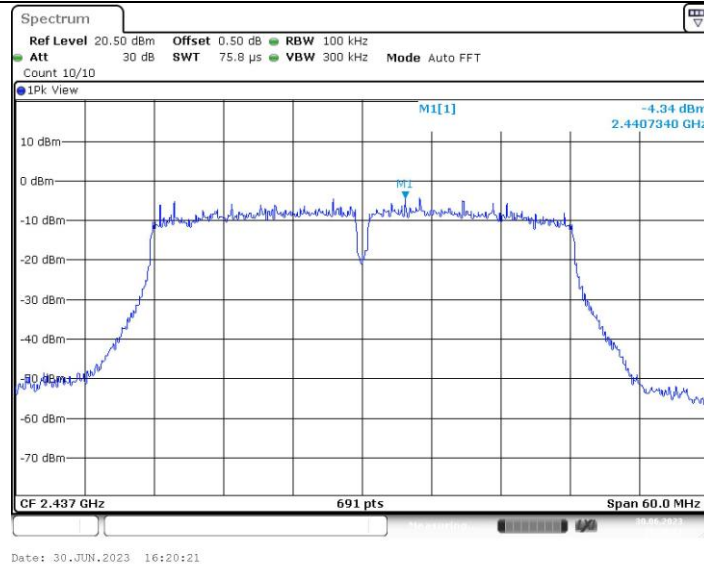
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Tel.: (86)755-27521059

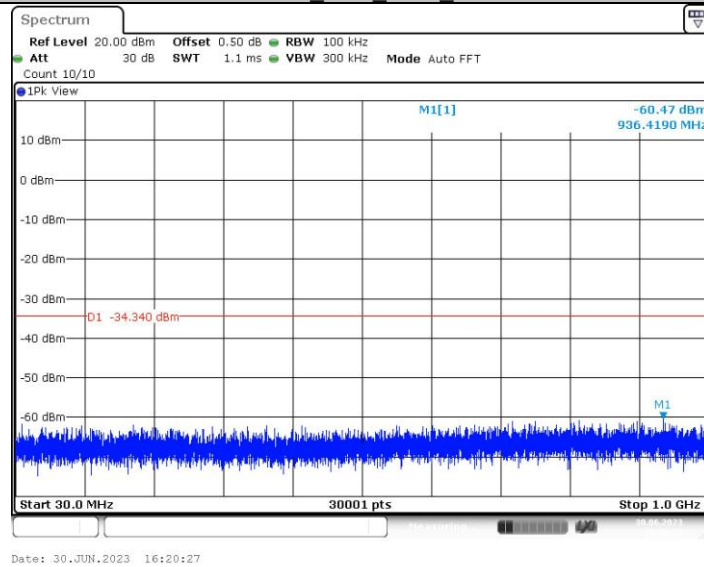
Fax: (86)755-27521011

Http://www.sz-ctc.org.cn

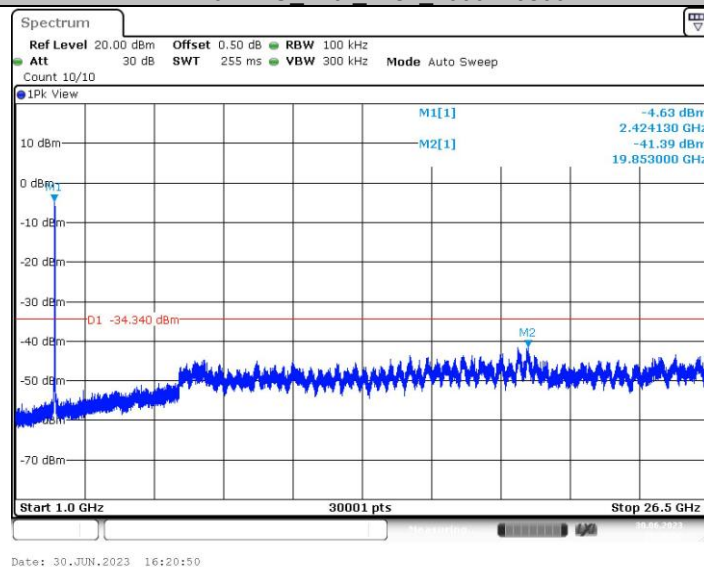
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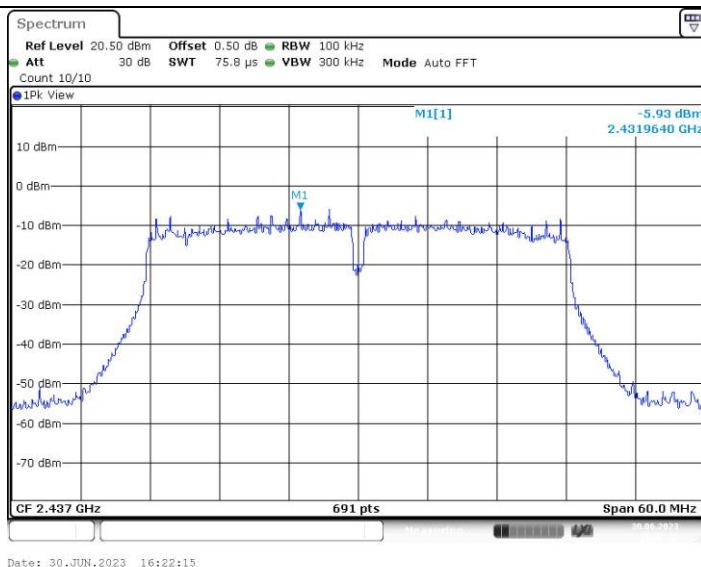
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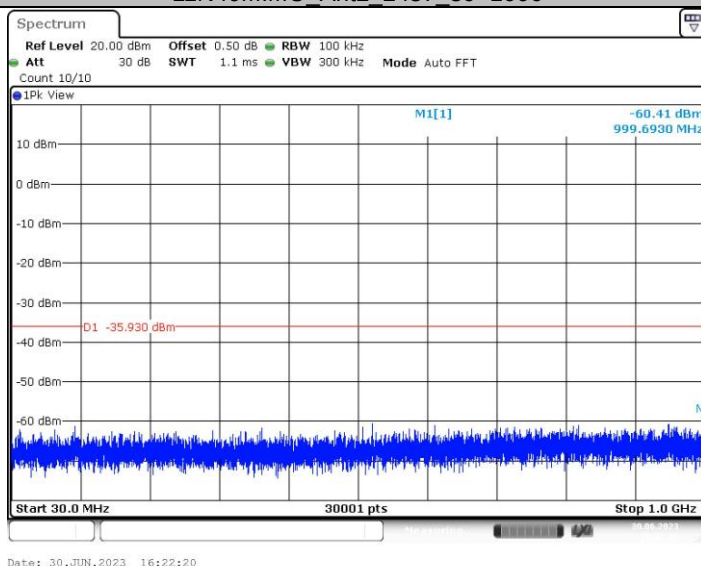
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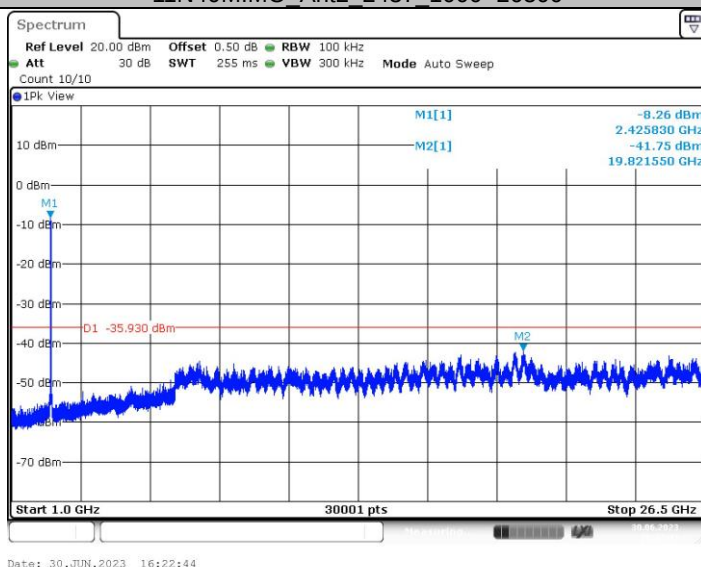
11N40MIMO_Ant2_2437_0~Reference



11N40MIMO_Ant2_2437_30-1000



11N40MIMO_Ant2_2437_1000-26500



11N40MIMO_Ant1_2452_0-Reference

CTC Laboratories, Inc.

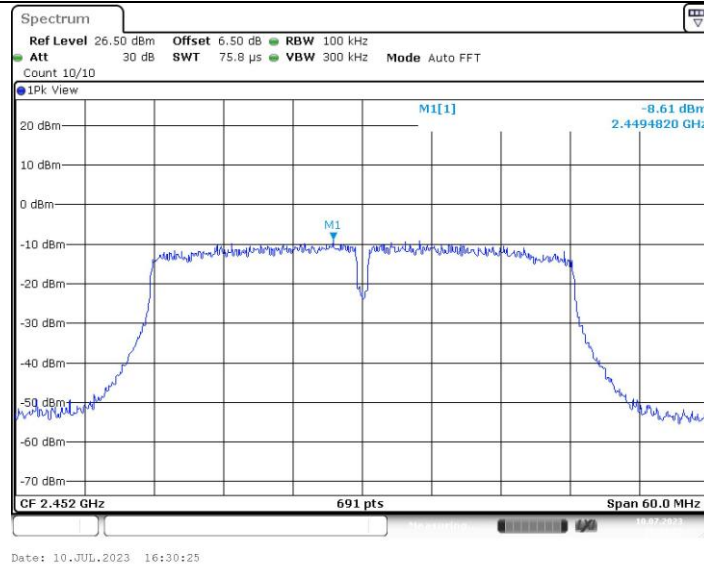
2/F., Building 1 and 1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Longhua District, Shenzhen, Guangdong, China

Tel.: (86)755-27521059

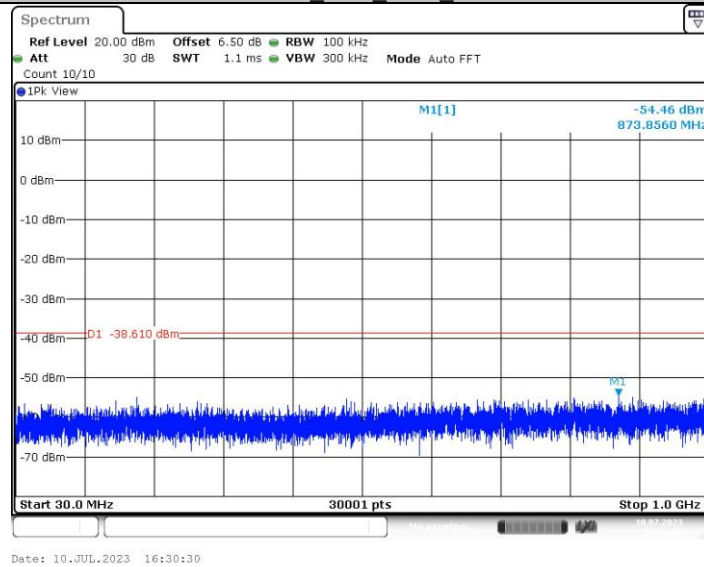
Fax: (86)755-27521011

Http://www.sz-ctc.org.cn

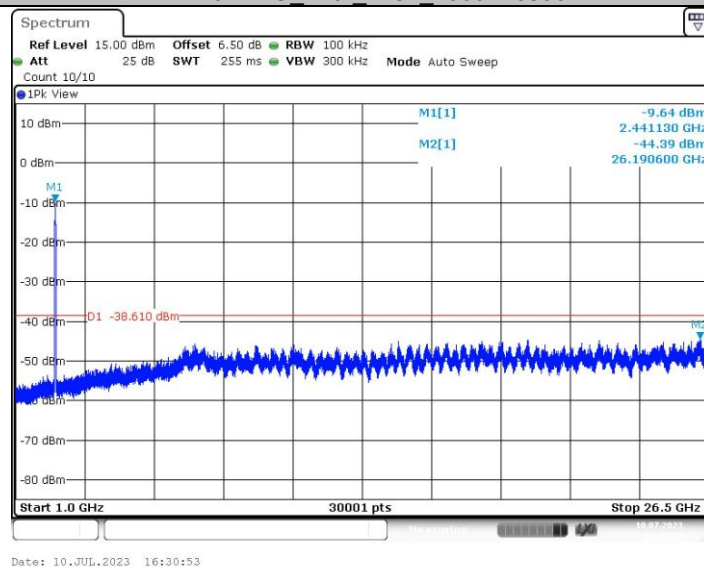
For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : <http://yz.cnca.cn>



11N40MIMO_Ant1_2452_30-1000



11N40MIMO_Ant1_2452_1000-26500



11N40MIMO_Ant2_2452_0-Reference

CTC Laboratories, Inc.

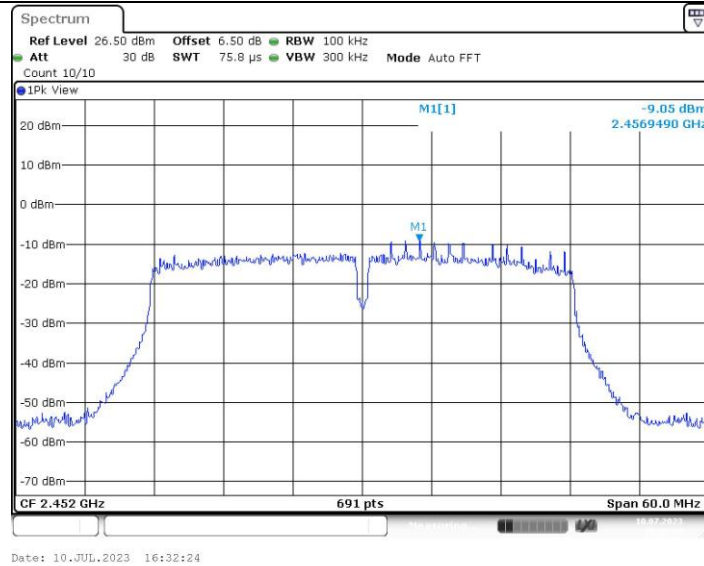
2/F., Building 1 and 1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Longhua District, Shenzhen, Guangdong, China

Tel.: (86)755-27521059

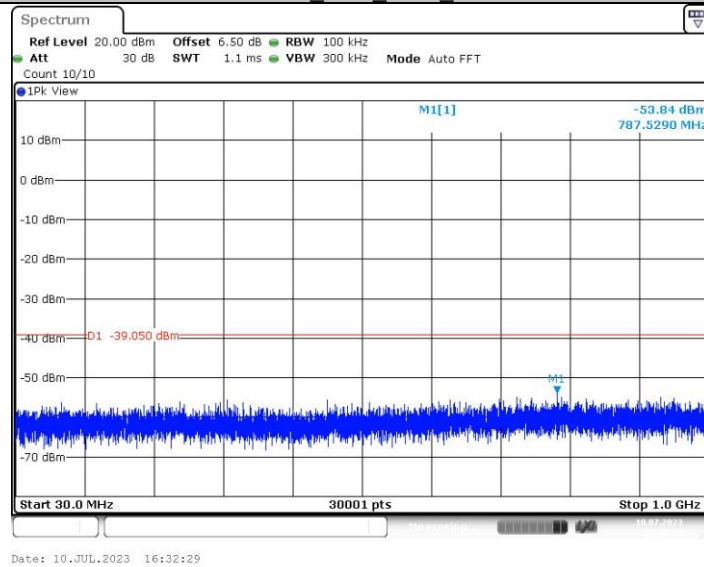
Fax: (86)755-27521011

Http://www.sz-ctc.org.cn

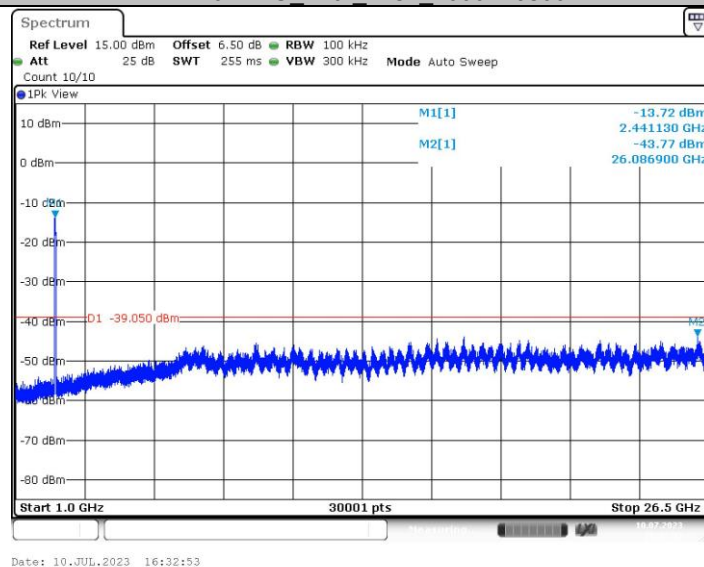
For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : <http://yz.cnca.cn>



11N40MIMO_Ant2_2452_30-1000



11N40MIMO_Ant2_2452_1000-26500



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2/F., Building 1 and 1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Longhua District, Shenzhen, Guangdong, China

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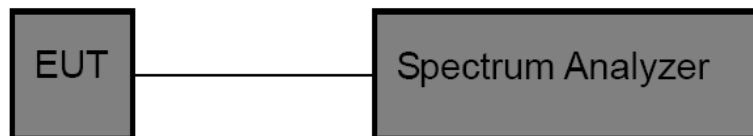
3.5. DTS Bandwidth

Limit

FCC CFR Title 47 Part 15 Subpart C Section 15.247 (a)(2)

Test Item	Limit	Frequency Range (MHz)
DTS Bandwidth	≥ 500 kHz (6dB bandwidth)	2400~2483.5

Test Configuration



Test Procedure

1. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above.
2. DTS Spectrum Setting:
 - (1) Set RBW = 100 kHz.
 - (2) Set the video bandwidth (VBW) ≥ 3 RBW.
 - (3) Detector = Peak.
 - (4) Trace mode = Max hold.
 - (5) Sweep = Auto couple.OCB Spectrum Setting:
 - (1) Set RBW = 1% ~ 5% occupied bandwidth.
 - (2) Set the video bandwidth (VBW) ≥ 3 RBW.
 - (3) Detector = Peak.
 - (4) Trace mode = Max hold.
 - (5) Sweep = Auto couple.

NOTE: The EUT was set to continuously transmitting in each mode and low, Middle and high channel for the test.

Test Mode

Please refer to the clause 2.4.

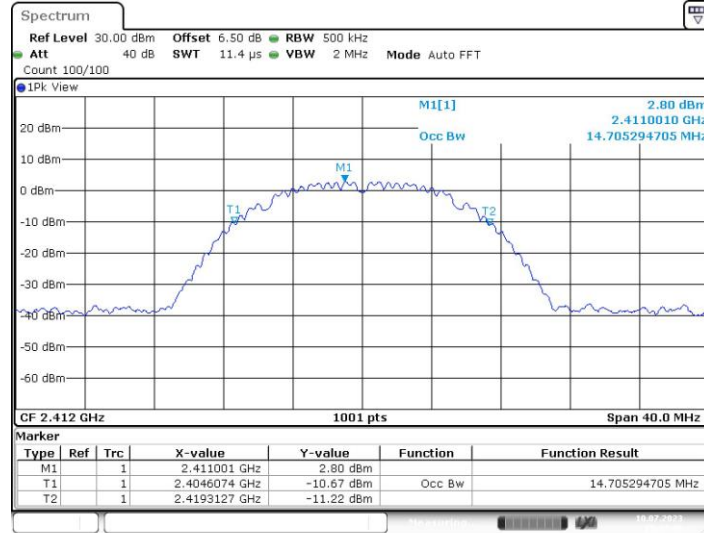
**Test Result**

TestMode	Antenna	Channel	99% Bandwidth (MHz)	DTS BW [MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.705	10.08	0.5	PASS
	Ant2	2412	14.705	10.08	0.5	PASS
	Ant1	2437	14.705	10.08	0.5	PASS
	Ant2	2437	14.585	10.08	0.5	PASS
	Ant1	2462	14.745	10.08	0.5	PASS
	Ant2	2462	14.745	10.08	0.5	PASS
11G	Ant1	2412	16.703	16.28	0.5	PASS
	Ant2	2412	16.903	15.80	0.5	PASS
	Ant1	2437	16.863	16.32	0.5	PASS
	Ant2	2437	16.823	16.04	0.5	PASS
	Ant1	2462	16.863	16.04	0.5	PASS
	Ant2	2462	16.823	16.36	0.5	PASS
11N20MIMO	Ant1	2412	17.862	17.56	0.5	PASS
	Ant2	2412	17.942	17.56	0.5	PASS
	Ant1	2437	16.943	16.28	0.5	PASS
	Ant2	2437	16.703	16.36	0.5	PASS
	Ant1	2462	17.902	16.64	0.5	PASS
	Ant2	2462	18.022	16.28	0.5	PASS
11N40MIMO	Ant1	2422	36.284	35.20	0.5	PASS
	Ant2	2422	36.284	35.20	0.5	PASS
	Ant1	2437	36.763	35.04	0.5	PASS
	Ant2	2437	36.204	35.52	0.5	PASS
	Ant1	2452	36.284	35.12	0.5	PASS
	Ant2	2452	36.204	35.20	0.5	PASS

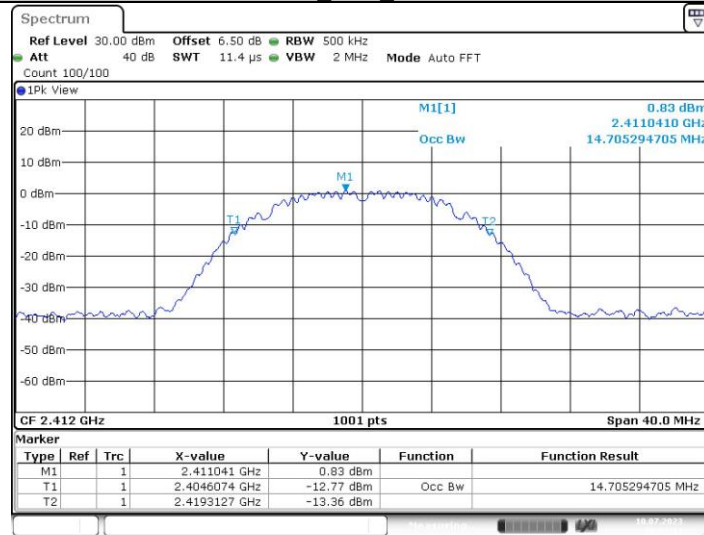


99% Bandwidth:

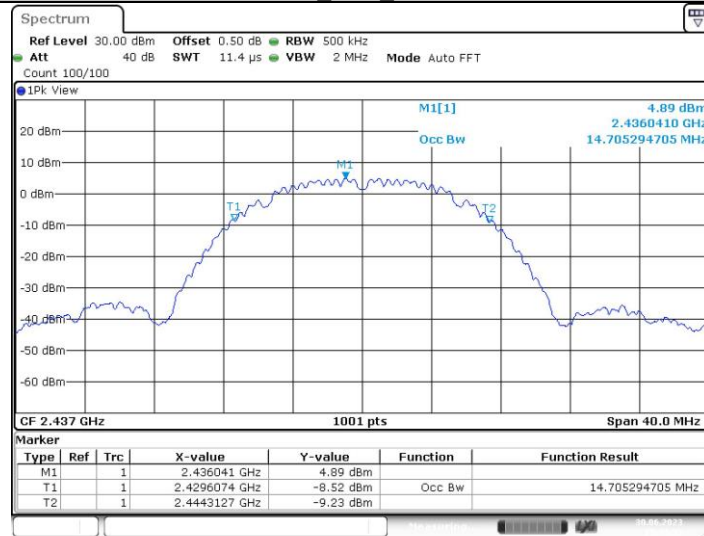
11B_Ant1_2412



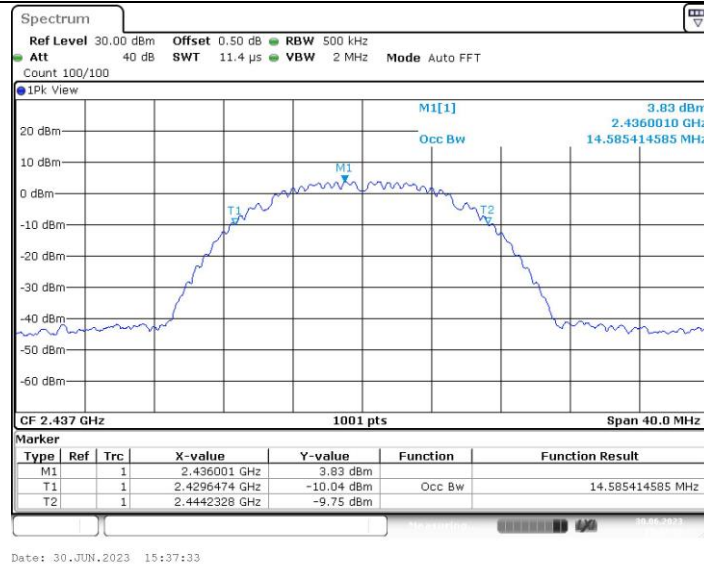
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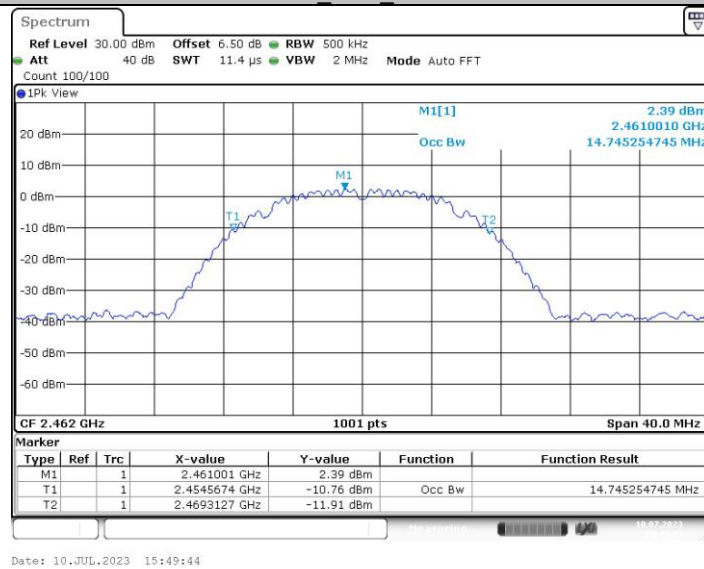
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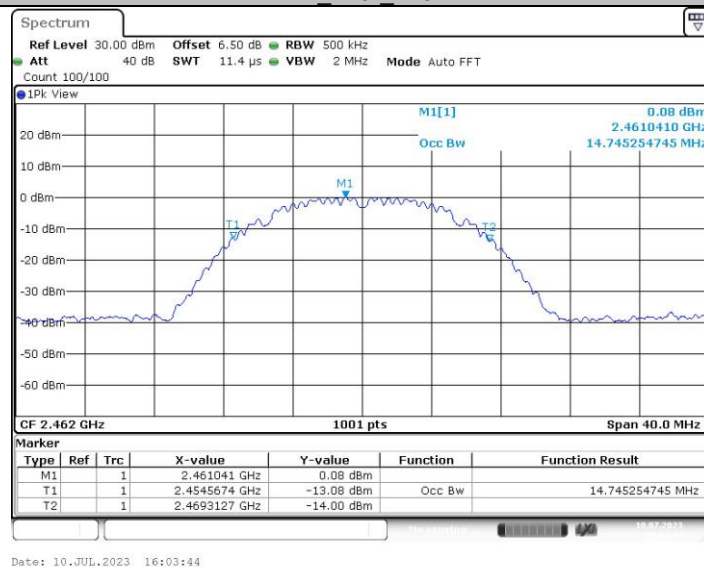
11B_Ant2_2437



11B_Ant1_2462



11B_Ant2_2462



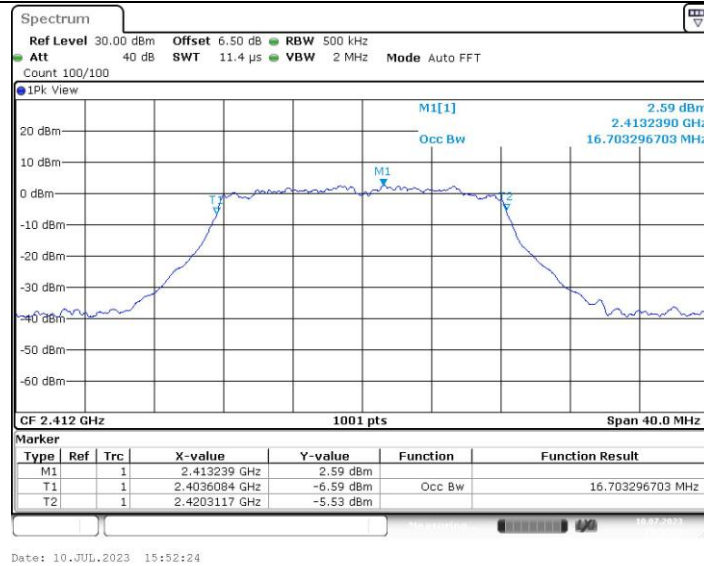
11G_Ant1_2412

CTC Laboratories, Inc.

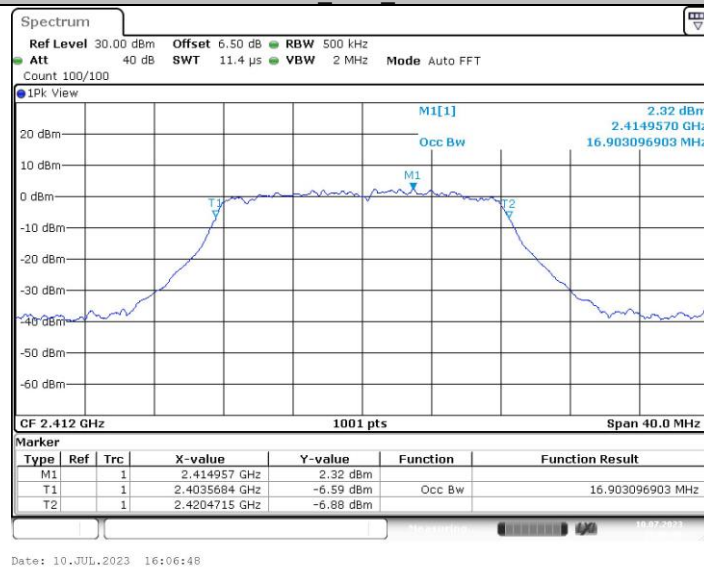
2/F., Building 1 and 1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Longhua District, Shenzhen, Guangdong, China
Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn



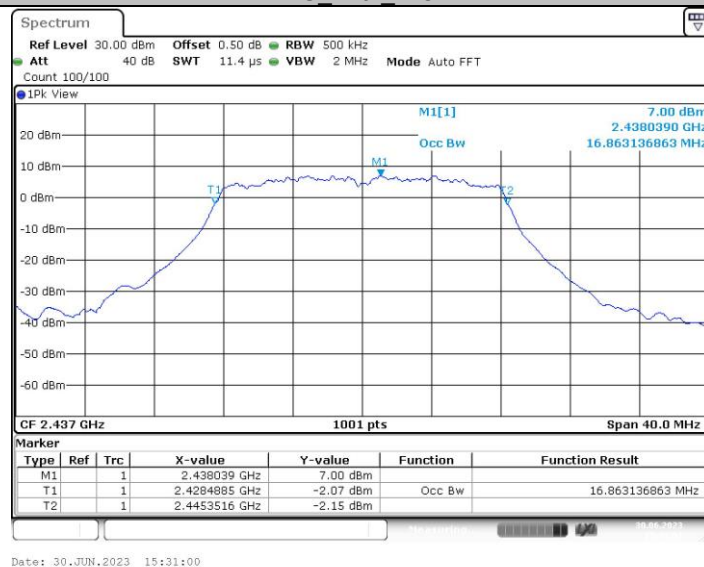
For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : <http://yz.cnca.cn>



11G_Ant2_2412



11G_Ant1_2437



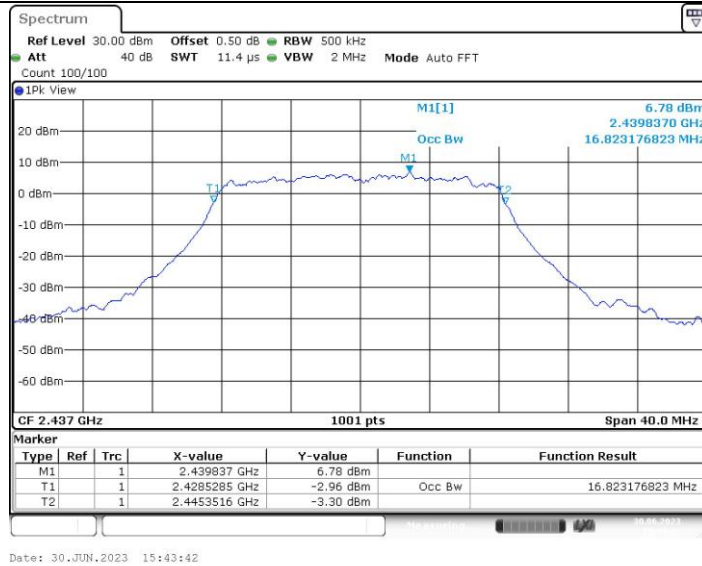
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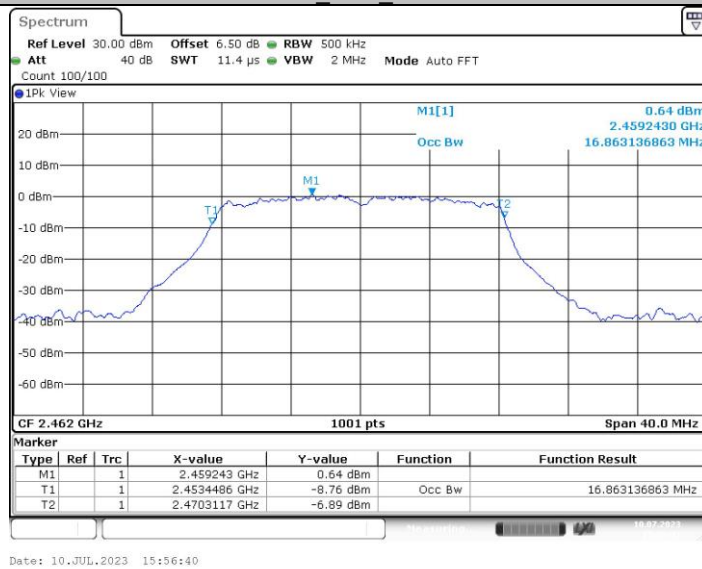
2/F., Building 1 and 1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Longhua District, Shenzhen, Guangdong, China
Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn



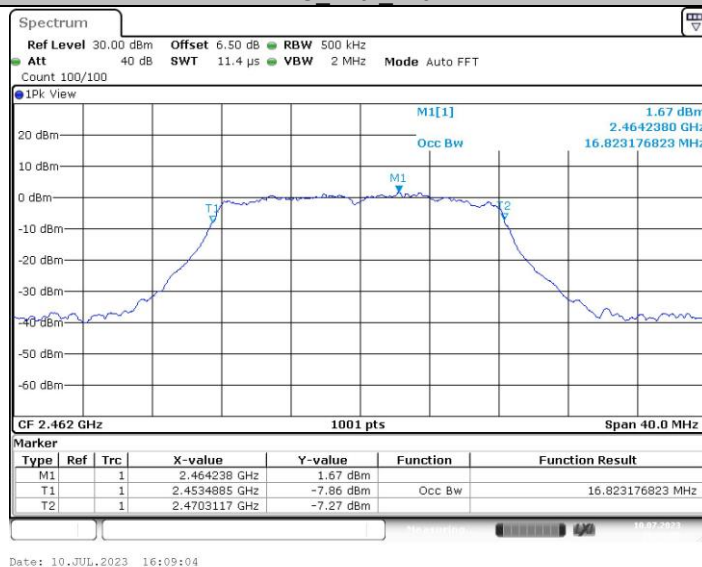
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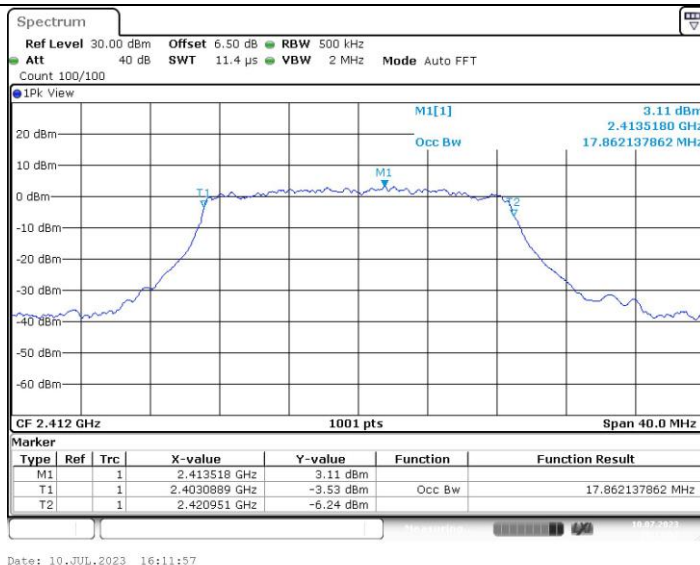
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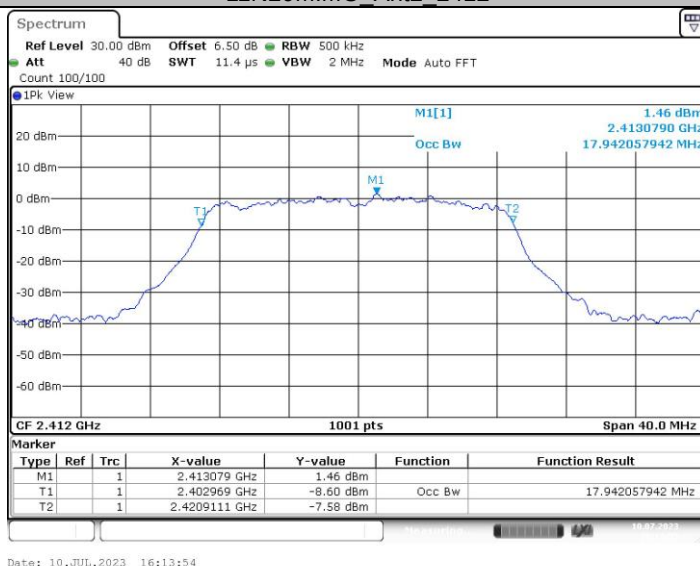
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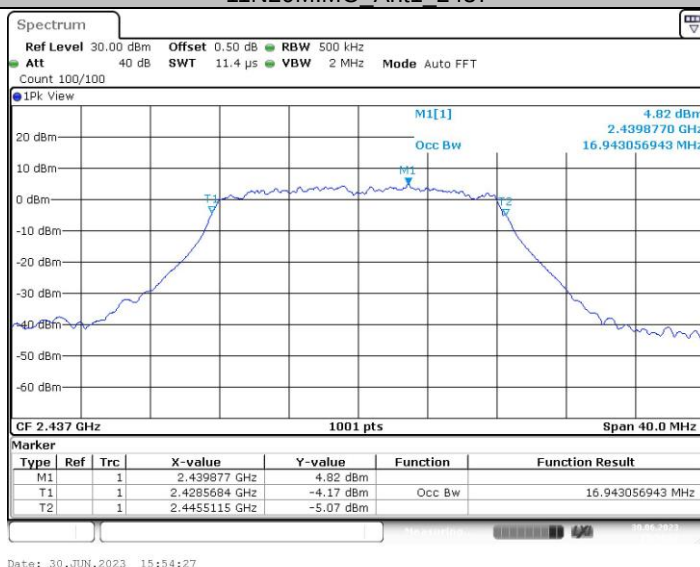
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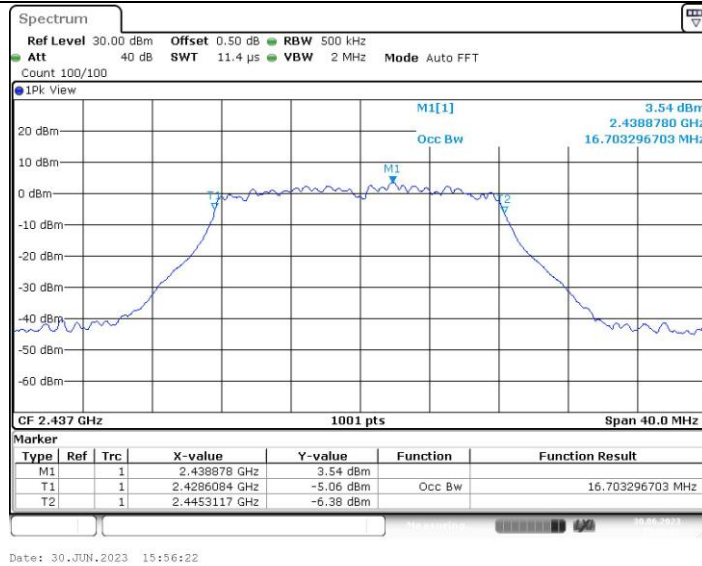
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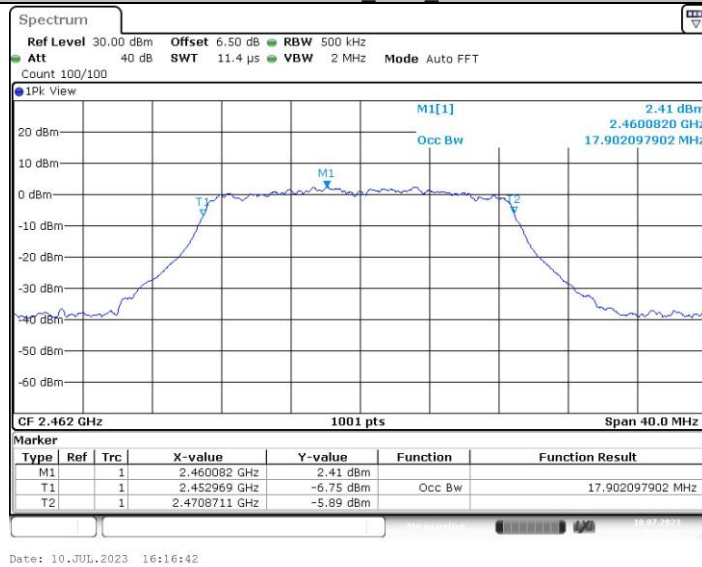
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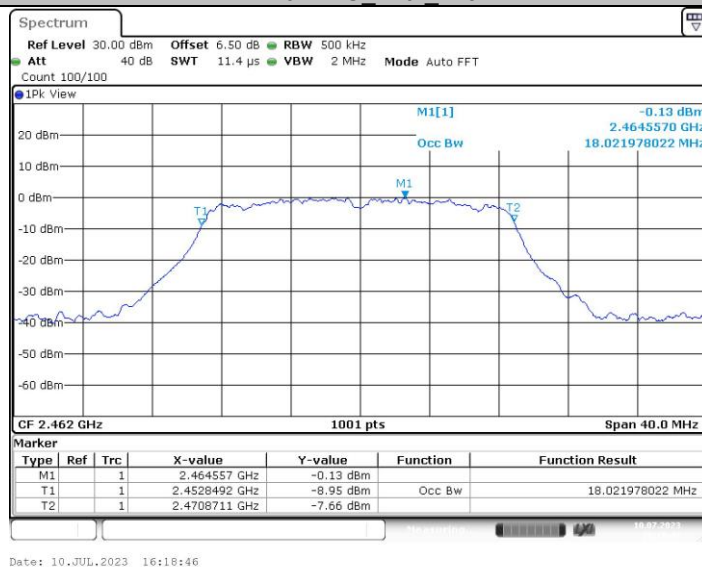
11N20MIMO_Ant2_2437



11N20MIMO_Ant1_2462



11N20MIMO_Ant2_2462



11N40MIMO_Ant1_2422