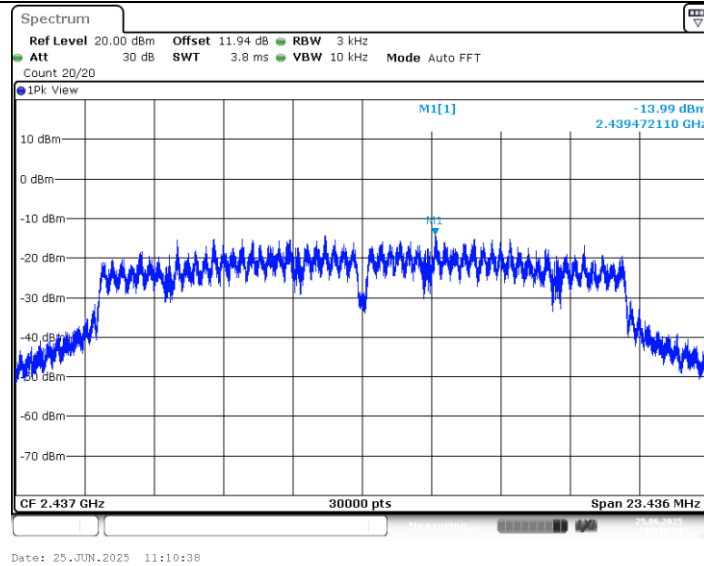
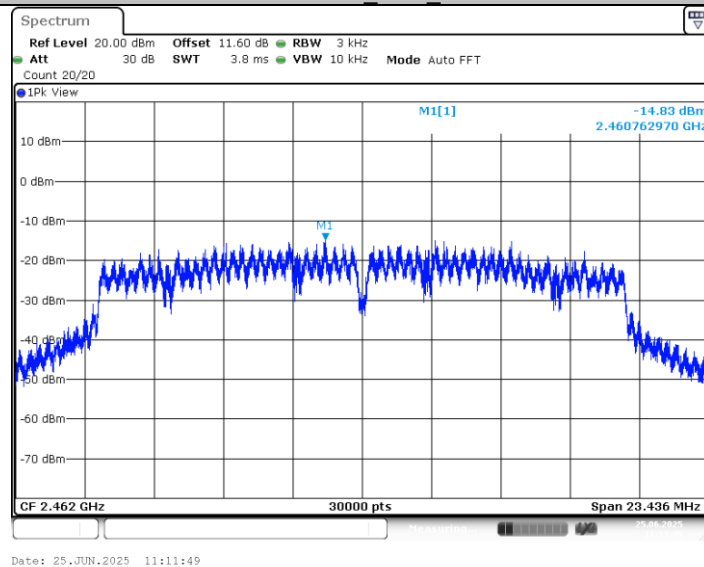
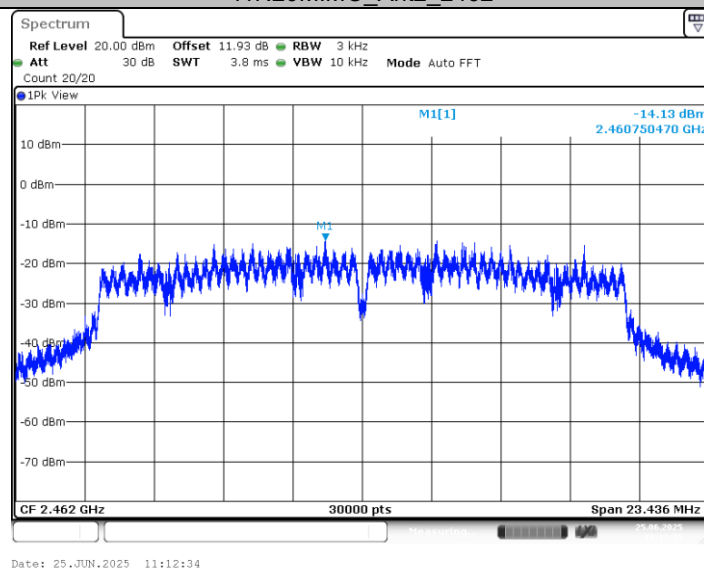




11N20MIMO_Ant1_2462



11N20MIMO_Ant2_2462



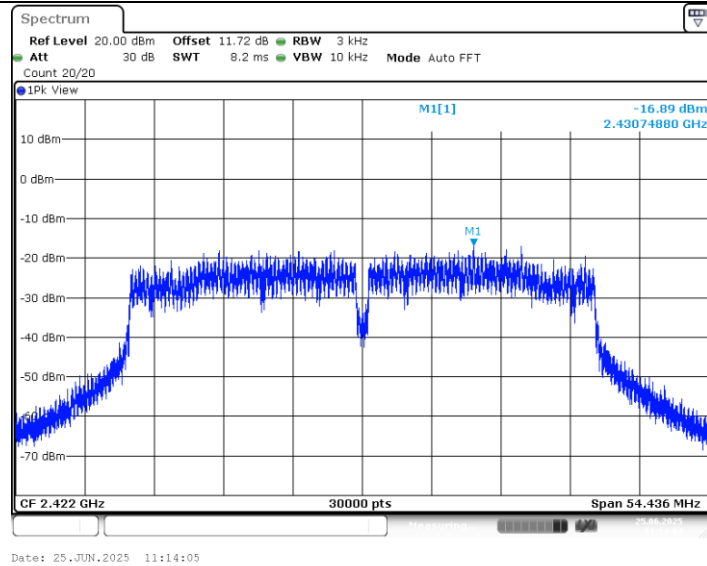
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CTC Laboratories, Inc.

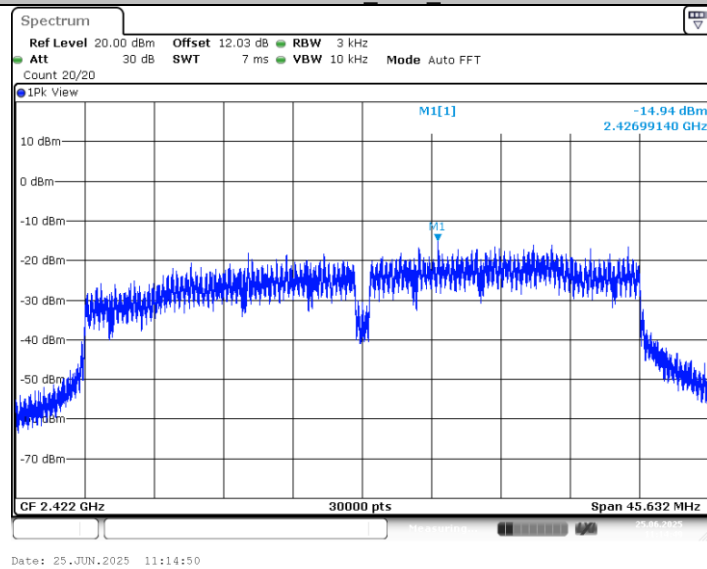
Room 107, 108, 207, 208, 303 of Building A, Room 101 of Building B, No.7, Lanqing 1st Road, Luhua Community, Guanhu Subdistrict,
Longhua District, Shenzhen, Guangdong, China Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

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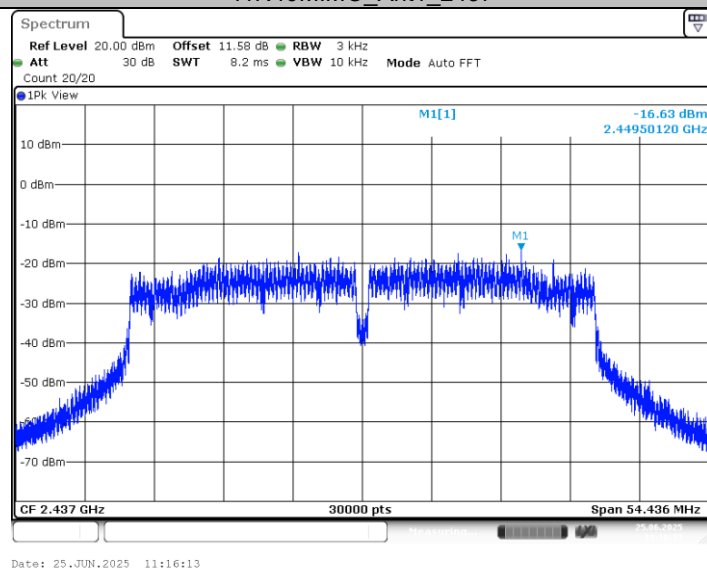
For anti-fake verification, please visit the official website of China Inspection And Testing
Society : yz.cncaq.com



11N40MIMO_Ant2_2422



11N40MIMO_Ant1_2437



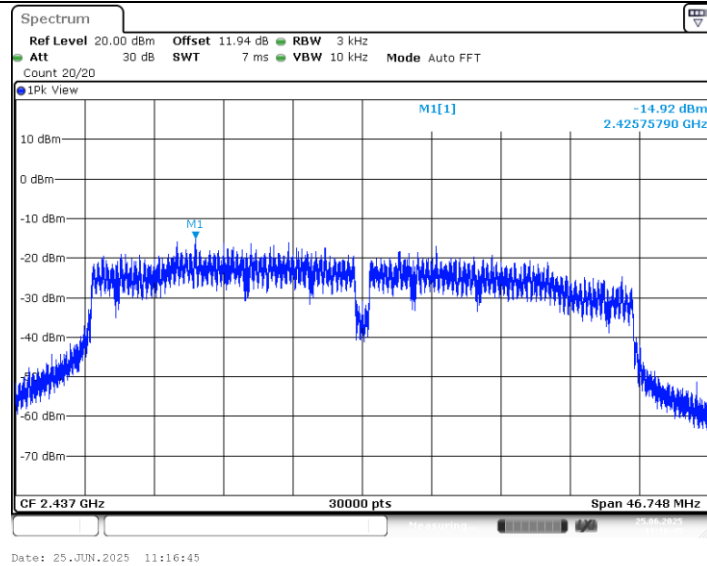
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CTC Laboratories, Inc.

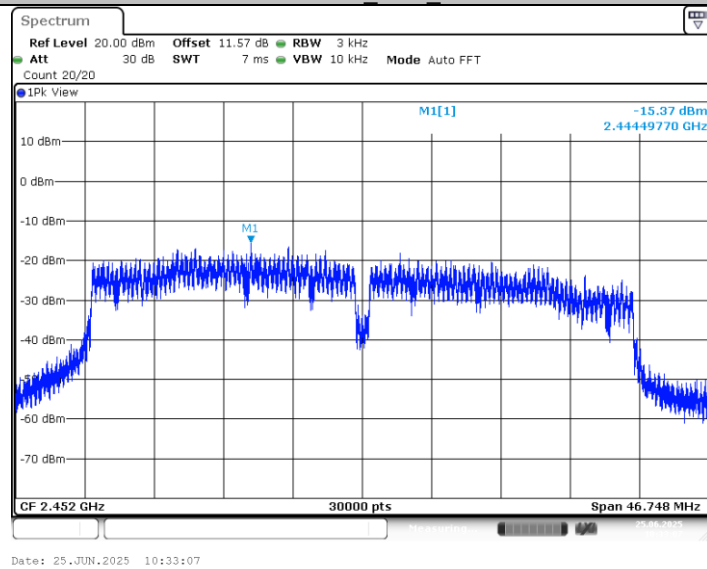
Room 107, 108, 207, 208, 303 of Building A, Room 101 of Building B, No.7, Lanqing 1st Road, Luhua Community, Guanhu Subdistrict,
Longhua District, Shenzhen, Guangdong, China Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

TRF No: CTC-TR-057_A2

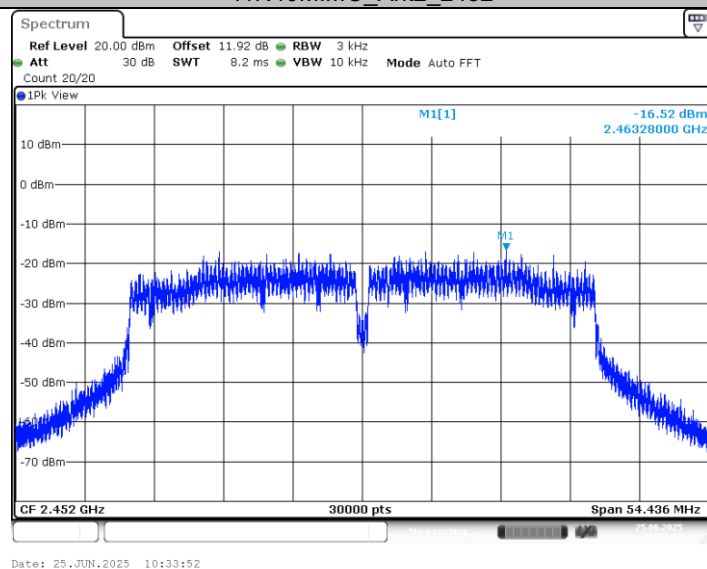
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Society : yz.cncaq.com



11N40MIMO_Ant1_2452



11N40MIMO_Ant2_2452



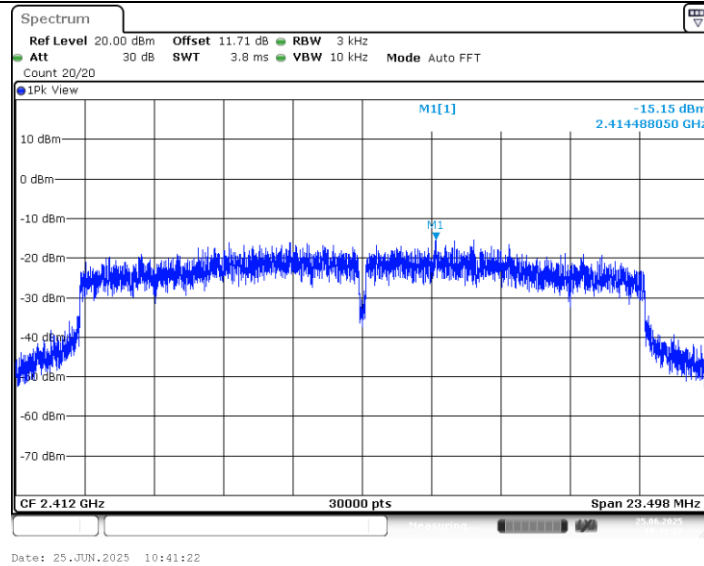
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CTC Laboratories, Inc.

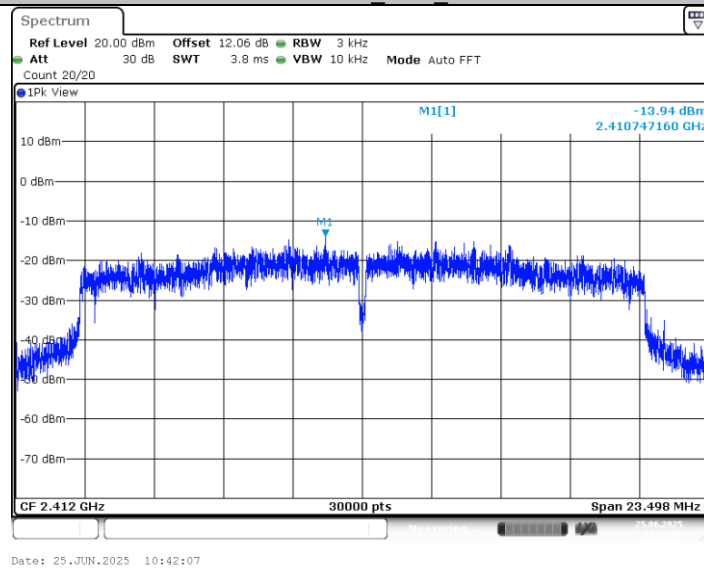
Room 107, 108, 207, 208, 303 of Building A, Room 101 of Building B, No.7, Lanqing 1st Road, Luhua Community, Guanhu Subdistrict,
Longhua District, Shenzhen, Guangdong, China Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

TRF No: CTC-TR-057_A2

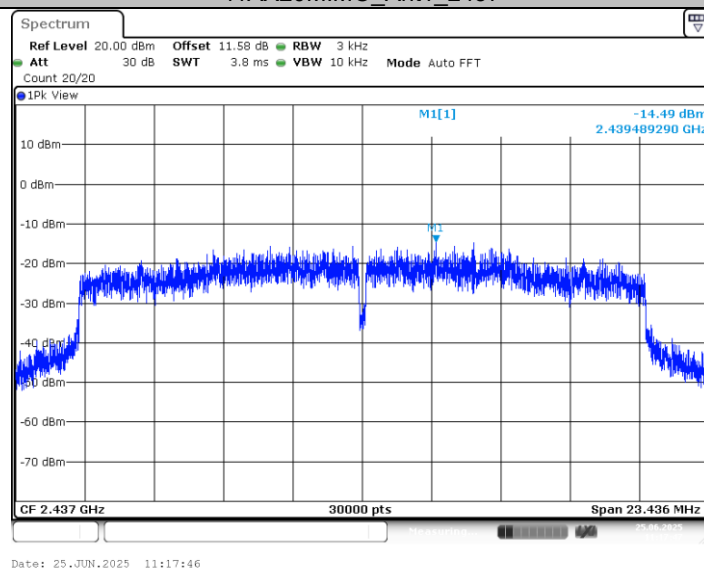
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Society : yz.cncaq.com



11AX20MIMO_Ant2_2412



11AX20MIMO_Ant1_2437



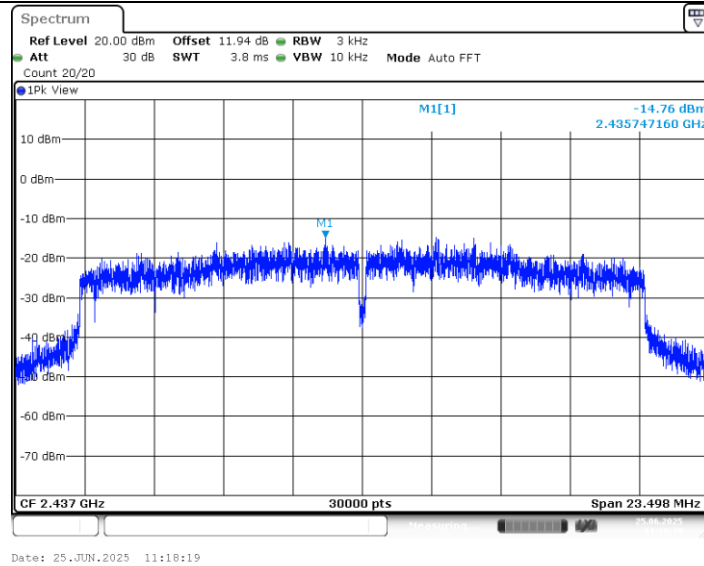
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CTC Laboratories, Inc.

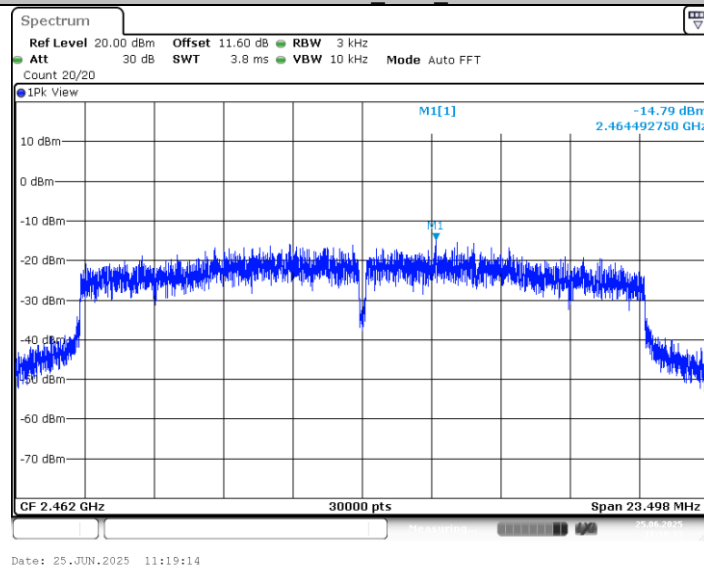
Room 107, 108, 207, 208, 303 of Building A, Room 101 of Building B, No.7, Lanqing 1st Road, Luhua Community, Guanhu Subdistrict,
Longhua District, Shenzhen, Guangdong, China Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

TRF No: CTC-TR-057_A2

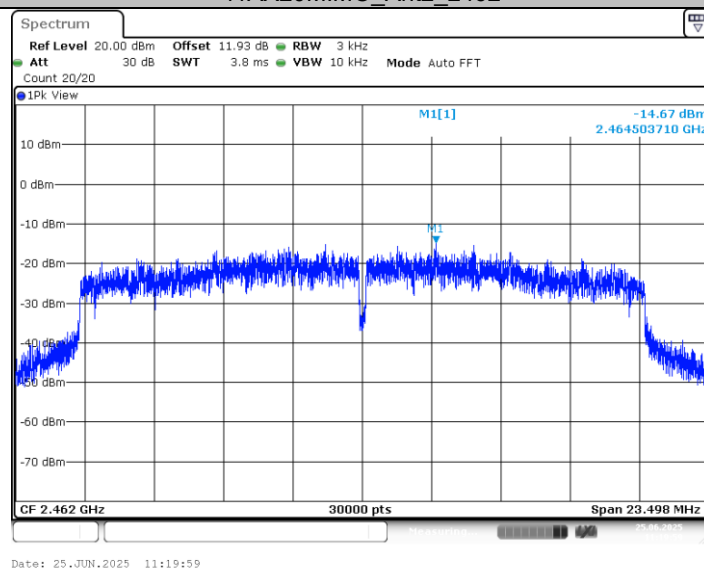
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Society : yz.cncaq.com



11AX20MIMO_Ant1_2462



11AX20MIMO_Ant2_2462



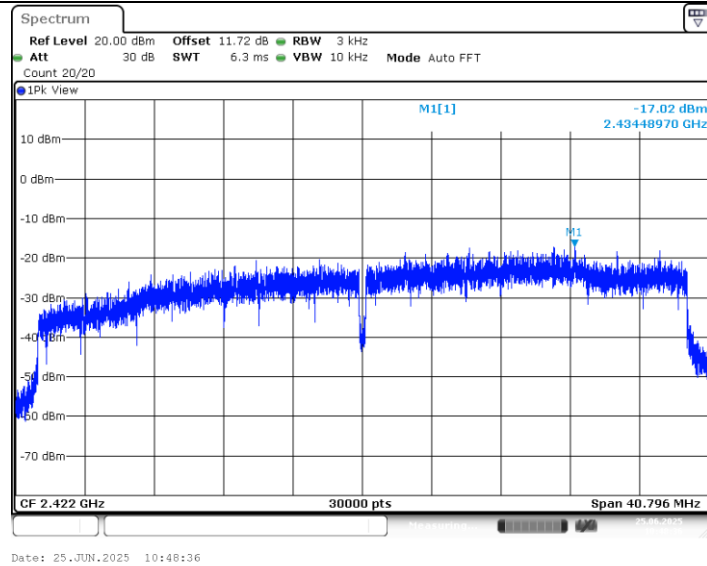
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CTC Laboratories, Inc.

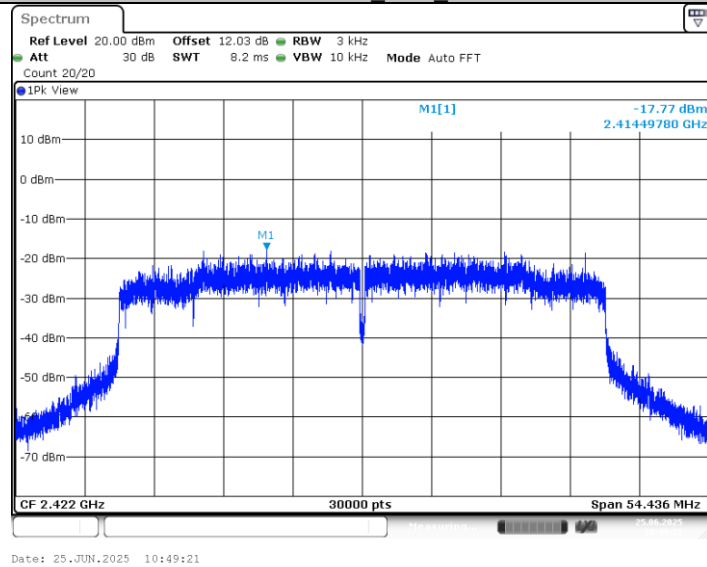
Room 107, 108, 207, 208, 303 of Building A, Room 101 of Building B, No.7, Lanqing 1st Road, Luhua Community, Guanhu Subdistrict,
Longhua District, Shenzhen, Guangdong, China Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

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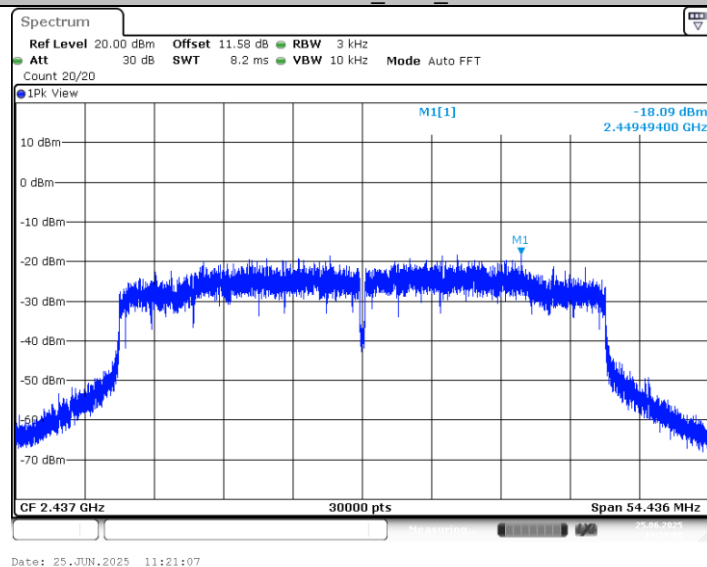
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Society : yz.cncaq.com



11AX40MIMO_Ant2_2422



11AX40MIMO_Ant1_2437



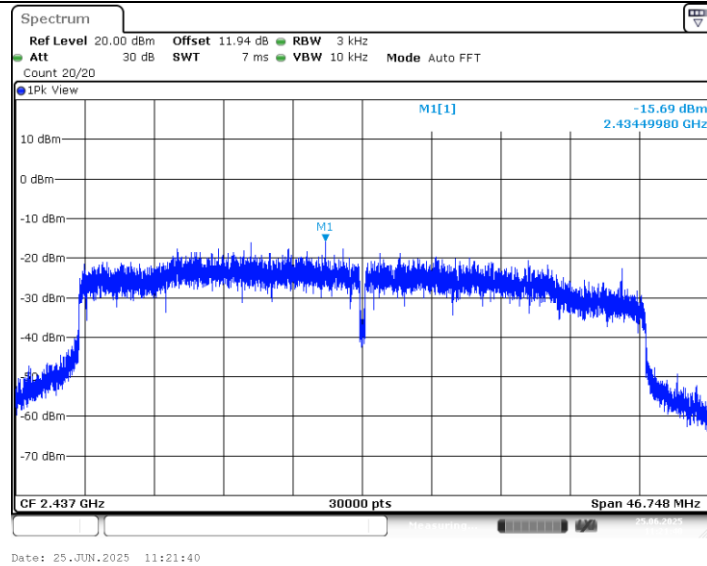
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CTC Laboratories, Inc.

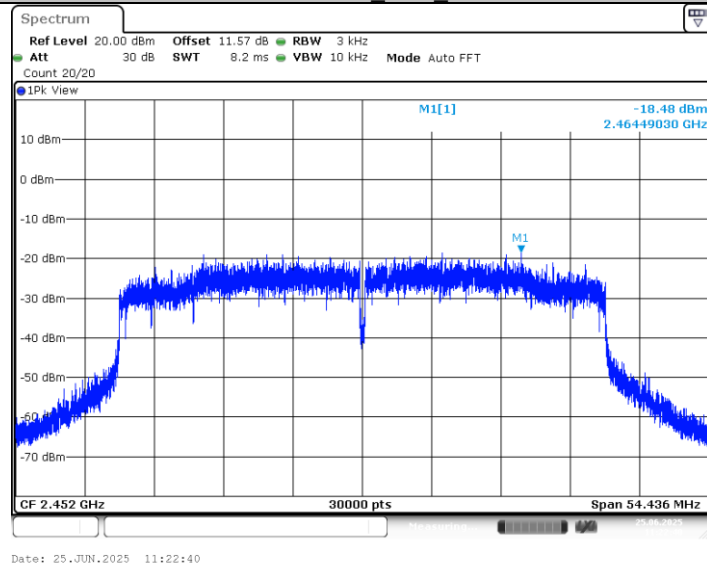
Room 107, 108, 207, 208, 303 of Building A, Room 101 of Building B, No.7, Lanqing 1st Road, Luhua Community, Guanhu Subdistrict,
Longhua District, Shenzhen, Guangdong, China Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

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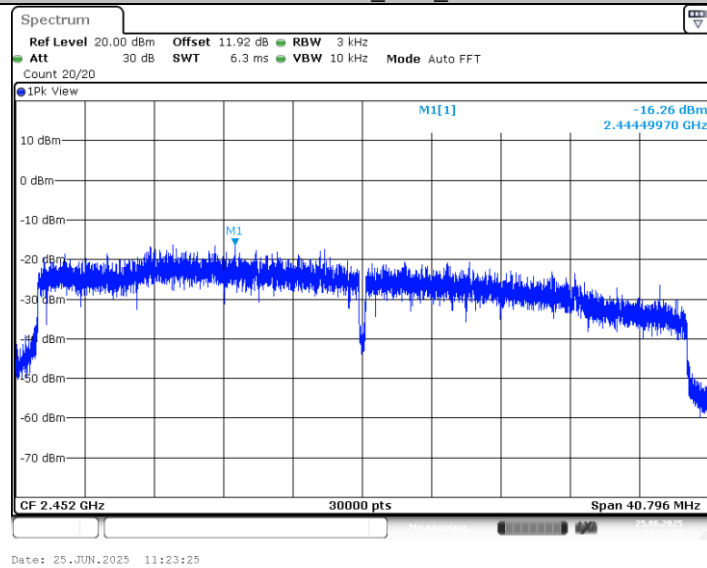
For anti-fake verification, please visit the official website of China Inspection And Testing
Society : yz.cncaq.com



11AX40MIMO_Ant1_2452



11AX40MIMO_Ant2_2452



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Society : yz.cncaq.com

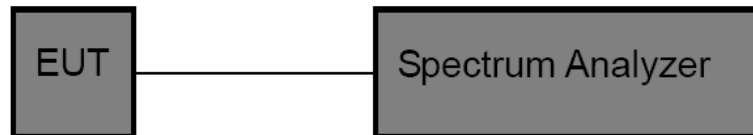


3.8. Duty Cycle

Limit

None, for report purposes only.

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. The EUT was directly connected to the Spectrum Analyzer and antenna output port as show in the block diagram above. The measurement according to section 10.2 of KDB 558074 D01 DTS Meas Guidance v05r02.
3. Spectrum Setting:
Set analyzer center frequency to test channel center frequency.
Set the span to 0Hz.
Set the RBW to 10MHz.
Set the VBW to 10MHz.
Detector: Peak.
Sweep time: Auto.
Allow trace to fully stabilize. Then use the peak marker function to determine the maximum amplitude level.

Test Mode

Please refer to the clause 2.4.

**Test Result**

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	1/T Minimum VBW (kHz)	Final Setting for VBW (kHz)
11B	Ant1	2412	8.35	8.40	99.40	0.12	1
	Ant2	2412	8.35	8.39	99.52	0.12	1
	Ant1	2437	8.35	8.40	99.40	0.12	1
	Ant2	2437	8.36	8.40	99.52	0.12	1
	Ant1	2462	8.36	8.40	99.52	0.12	1
	Ant2	2462	8.35	8.40	99.40	0.12	1
11G	Ant1	2412	0.15	0.20	75.00	6.67	7
	Ant2	2412	0.15	0.19	78.95	6.67	7
	Ant1	2437	0.15	0.20	75.00	6.67	7
	Ant2	2437	0.15	0.20	75.00	6.67	7
	Ant1	2462	0.15	0.20	75.00	6.67	7
	Ant2	2462	0.15	0.20	75.00	6.67	7
11N20MIMO	Ant1	2412	0.18	0.24	75.00	5.56	7
	Ant2	2412	0.18	0.23	78.26	5.56	7
	Ant1	2437	0.18	0.23	78.26	5.56	7
	Ant2	2437	0.18	0.23	78.26	5.56	7
	Ant1	2462	0.18	0.23	78.26	5.56	7
	Ant2	2462	0.18	0.23	78.26	5.56	7
11N40MIMO	Ant1	2422	0.18	0.23	78.26	5.56	7
	Ant2	2422	0.19	0.24	79.17	5.26	7
	Ant1	2437	0.19	0.24	79.17	5.26	7
	Ant2	2437	0.18	0.23	78.26	5.56	7
	Ant1	2452	0.19	0.24	79.17	5.26	7
	Ant2	2452	0.19	0.24	79.17	5.26	7
11AX20MIMO	Ant1	2412	0.18	0.23	78.26	5.56	7
	Ant2	2412	0.17	0.23	73.91	5.88	7
	Ant1	2437	0.17	0.22	77.27	5.88	7
	Ant2	2437	0.17	0.22	77.27	5.88	7
	Ant1	2462	0.18	0.23	78.26	5.56	7
	Ant2	2462	0.18	0.23	78.26	5.56	7
11AX40MIMO	Ant1	2422	0.17	0.22	77.27	5.88	7
	Ant2	2422	0.18	0.23	78.26	5.56	7
	Ant1	2437	0.18	0.23	78.26	5.56	7
	Ant2	2437	0.18	0.23	78.26	5.56	7
	Ant1	2452	0.18	0.23	78.26	5.56	7
	Ant2	2452	0.18	0.23	78.26	5.56	7

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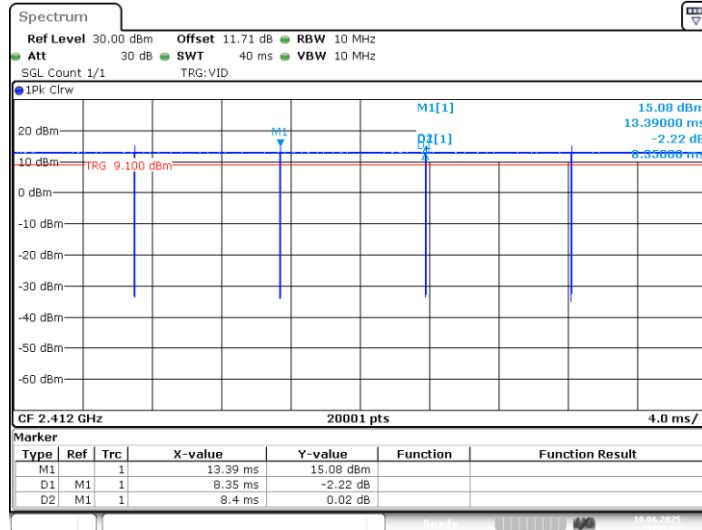
Room 107, 108, 207, 208, 303 of Building A, Room 101 of Building B, No.7, Lanqing 1st Road, Luhui Community, Guanhu Subdistrict, Longhua District, Shenzhen, Guangdong, China Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

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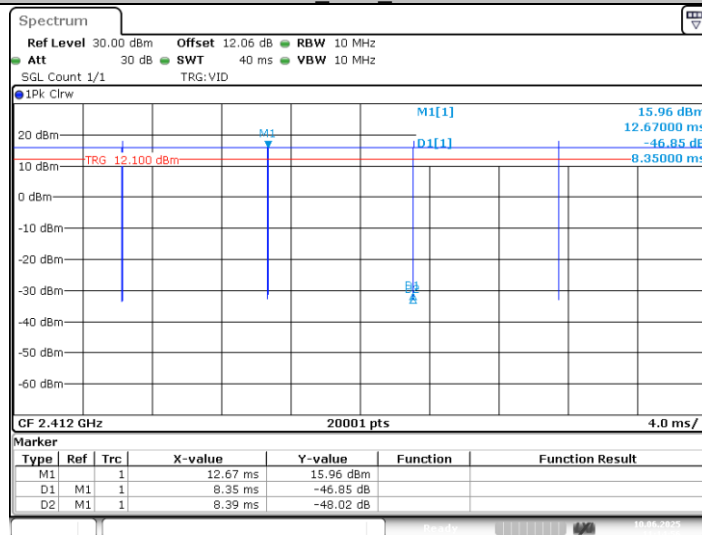


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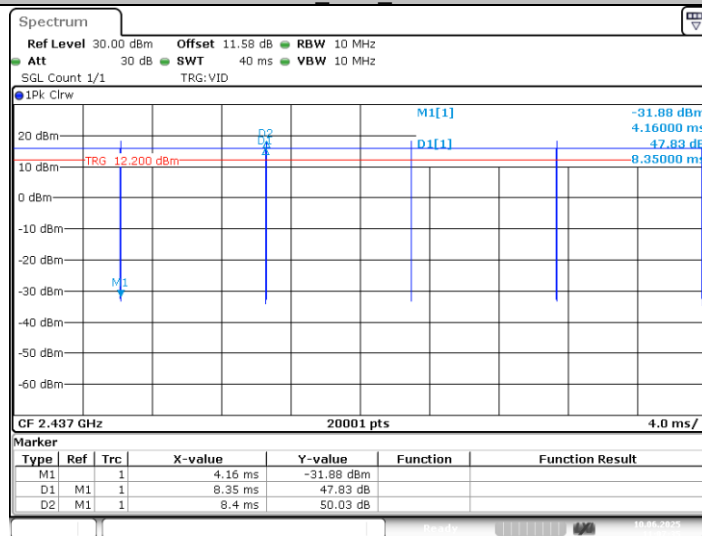
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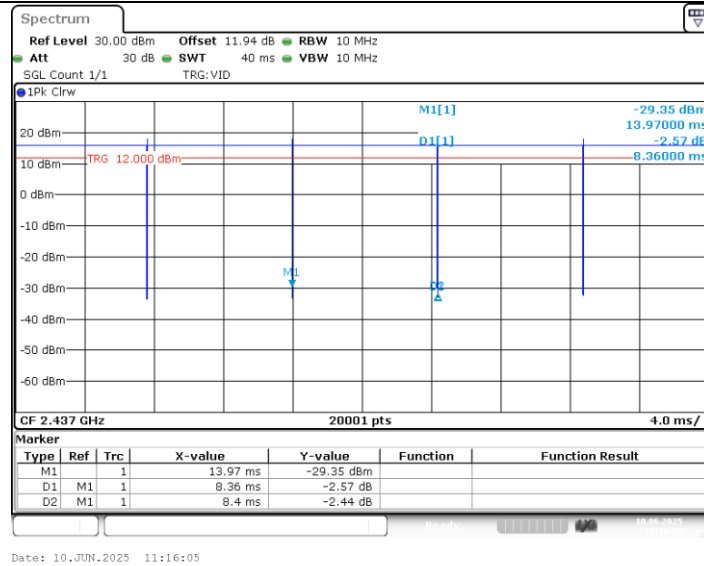
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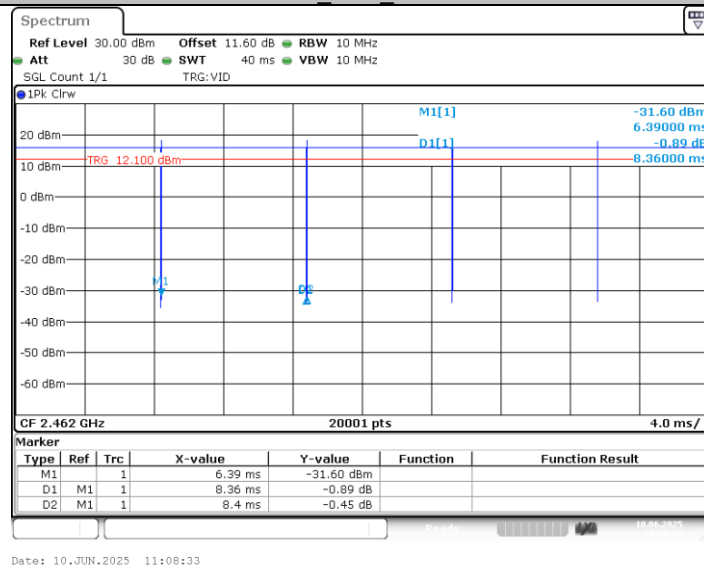


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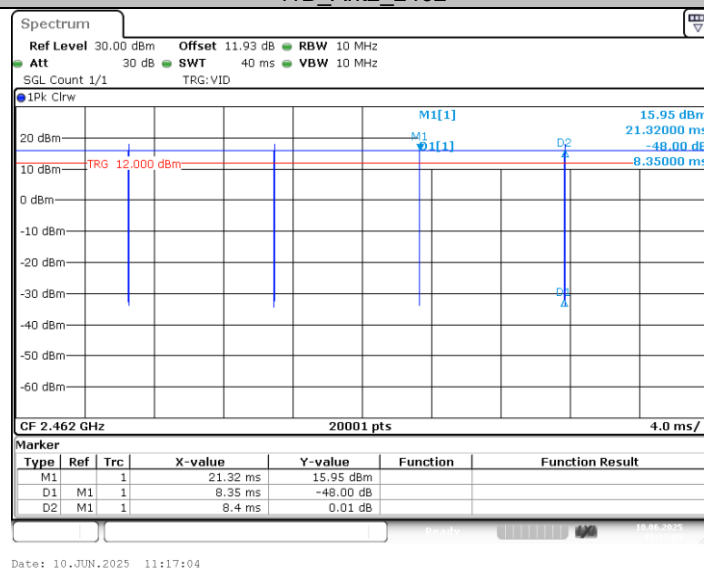
11B_Ant2_2437



11B_Ant1_2462



11B_Ant2_2462



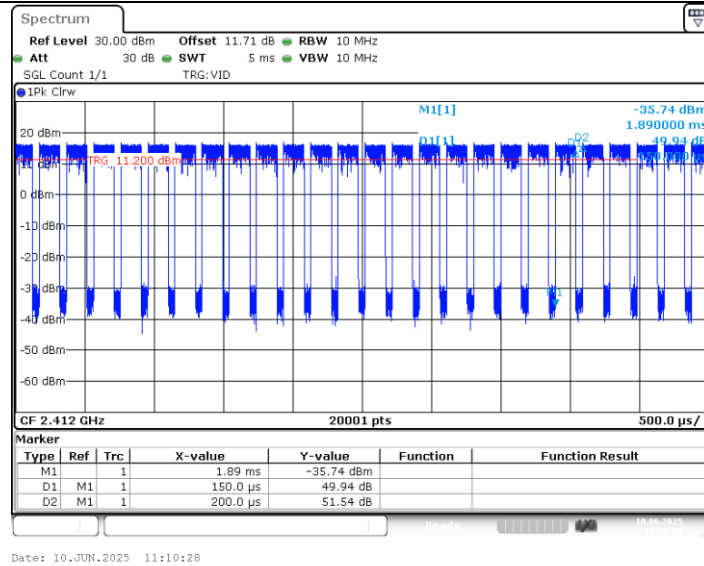
11G_Ant1_2412

CTC Laboratories, Inc.

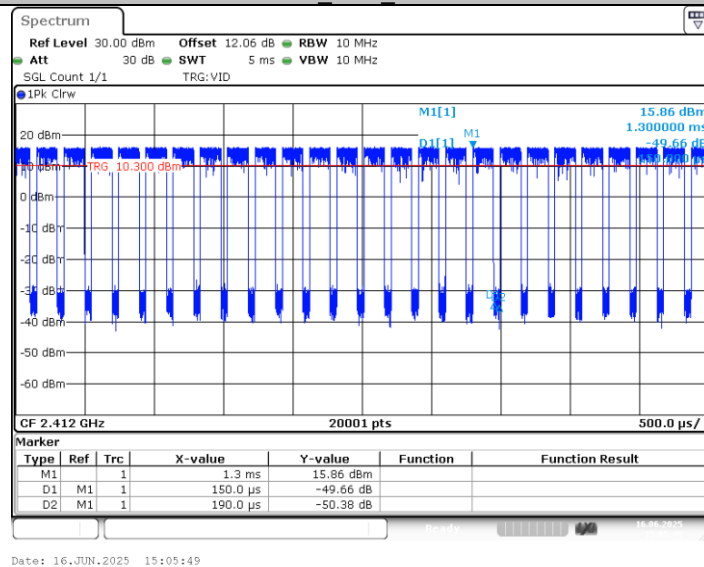
Room 107, 108, 207, 208, 303 of Building A, Room 101 of Building B, No.7, Lanqing 1st Road, Luhu Community, Guanhu Subdistrict, Longhua District, Shenzhen, Guangdong, China Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

TRF No: CTC-TR-057_A2

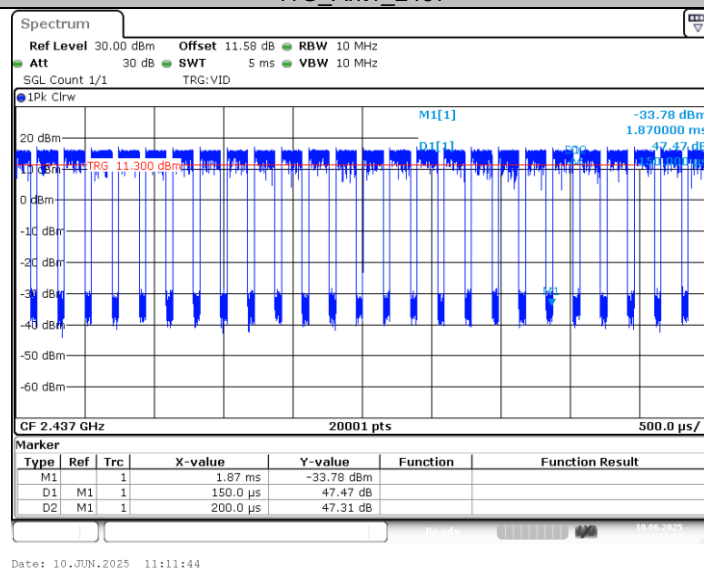
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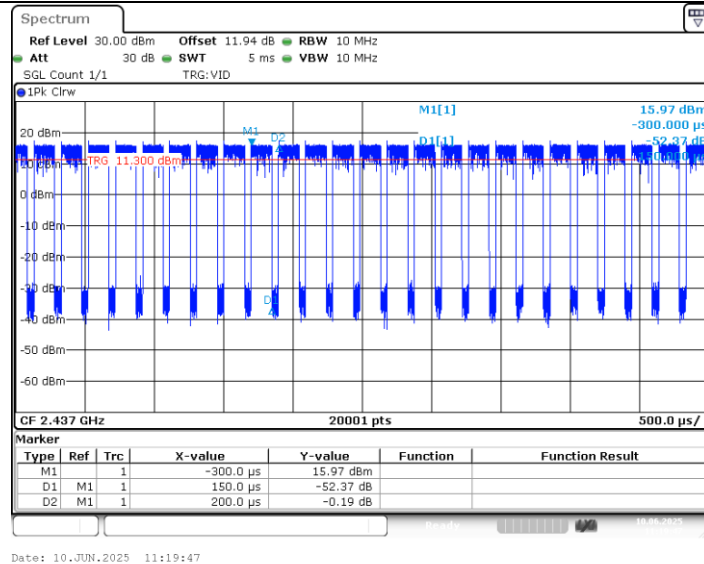
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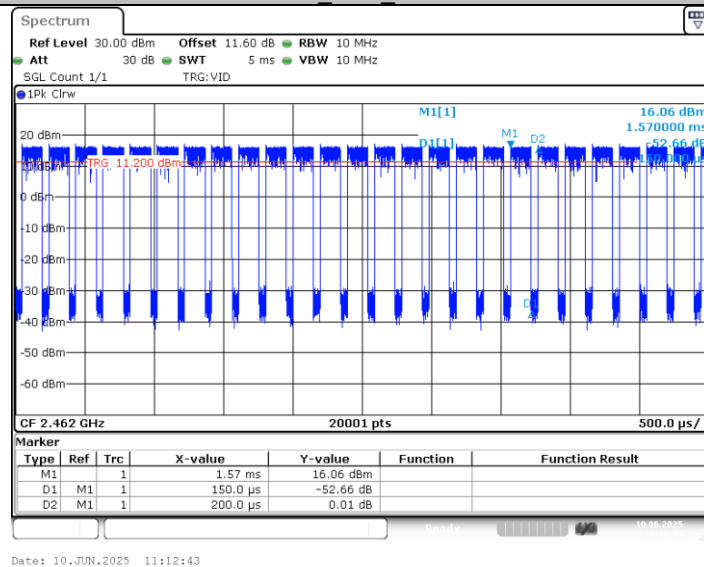
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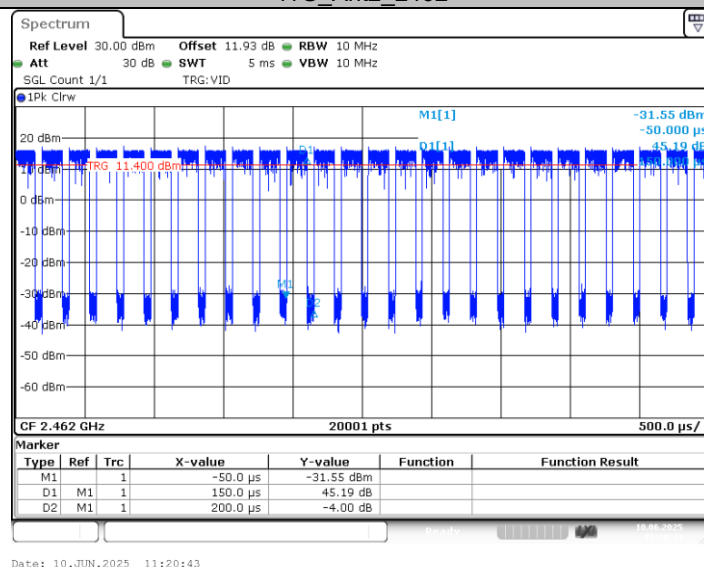
11G_Ant2_2437



11G_Ant1_2462



11G_Ant2_2462



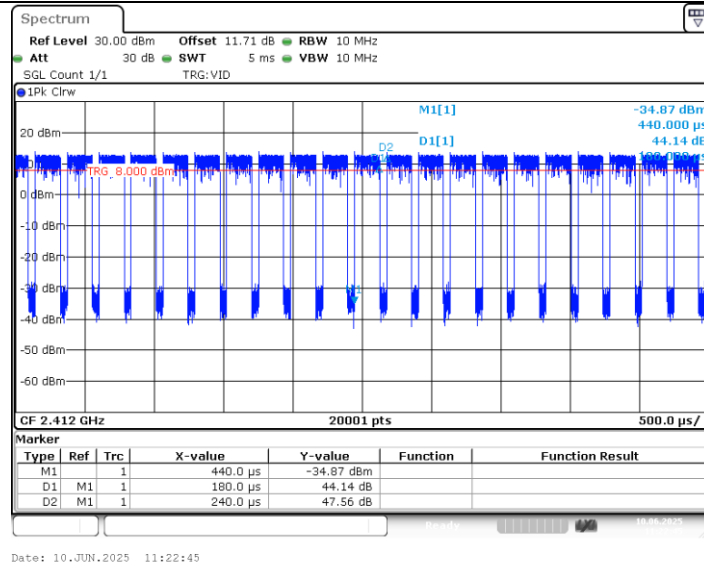
11N20MIMO_Ant1_2412

CTC Laboratories, Inc.

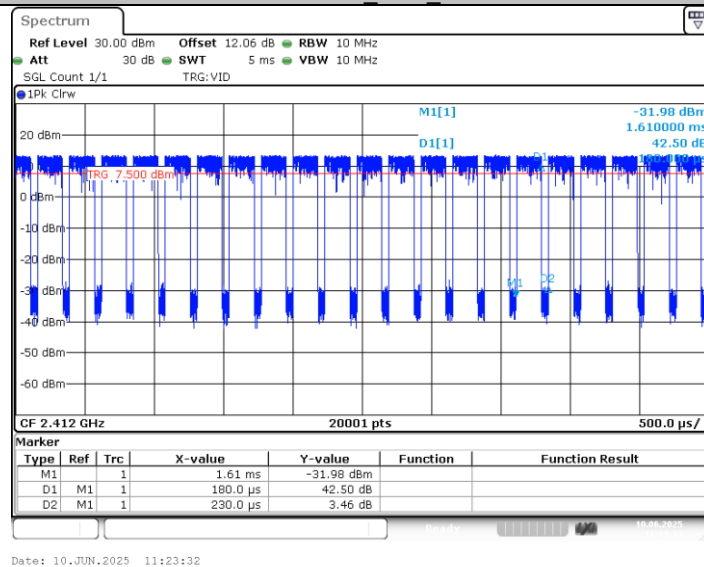
Room 107, 108, 207, 208, 303 of Building A, Room 101 of Building B, No.7, Lanqing 1st Road, Luhu Community, Guanhu Subdistrict, Longhua District, Shenzhen, Guangdong, China Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

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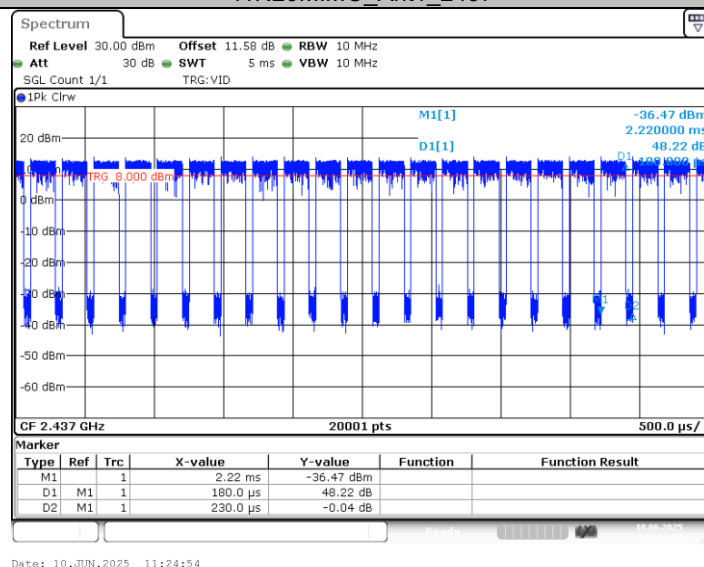
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11N20MIMO_Ant2_2412



11N20MIMO_Ant1_2437



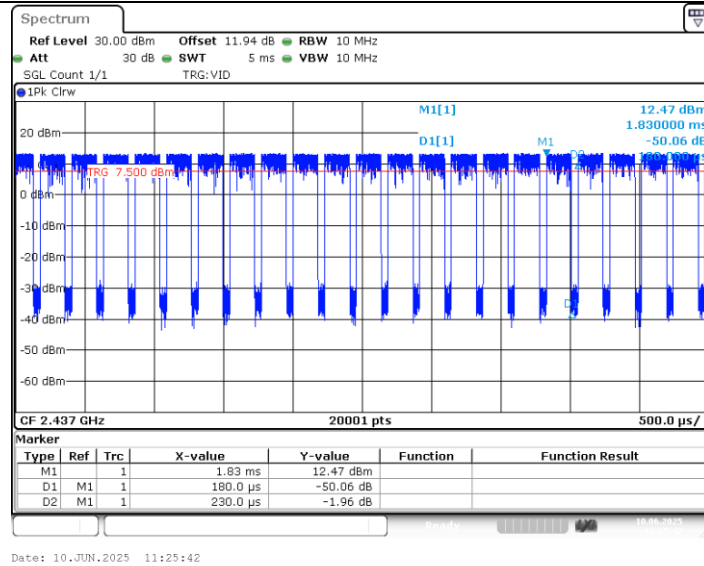
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CTC Laboratories, Inc.

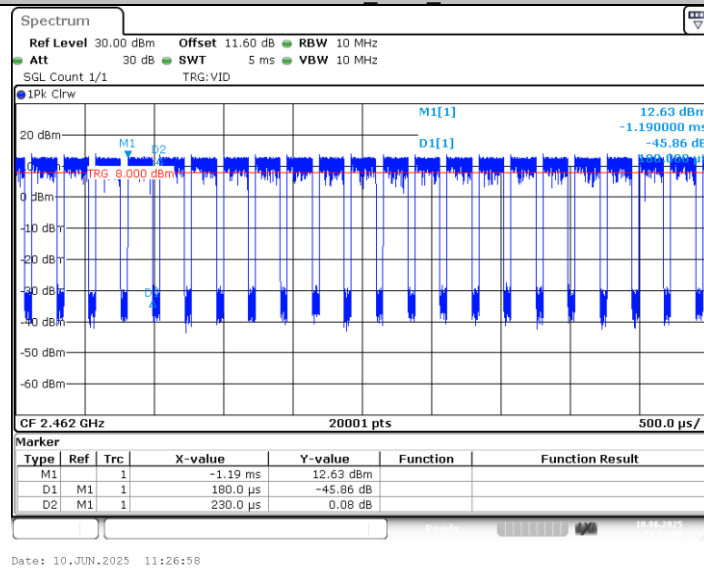
Room 107, 108, 207, 208, 303 of Building A, Room 101 of Building B, No.7, Lanqing 1st Road, Luhu Community, Guanhu Subdistrict, Longhua District, Shenzhen, Guangdong, China Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

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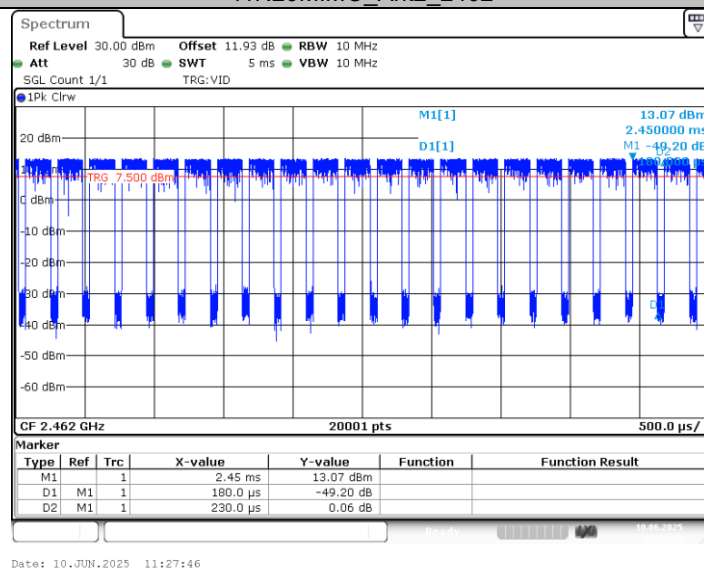
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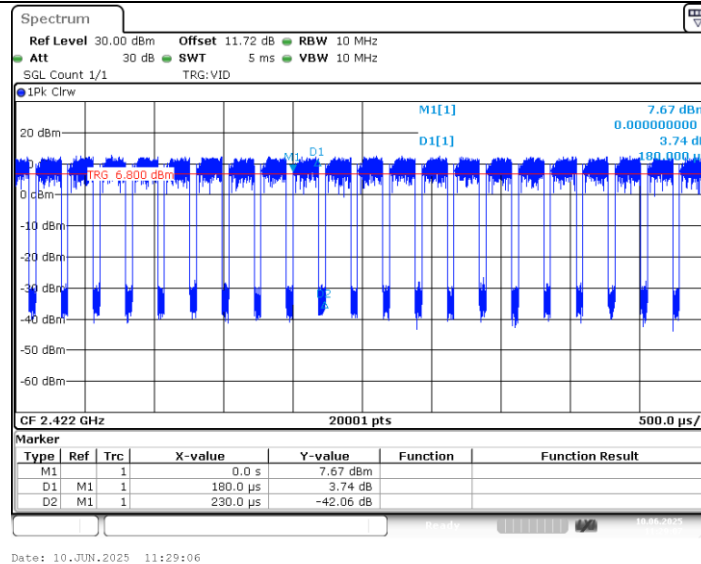
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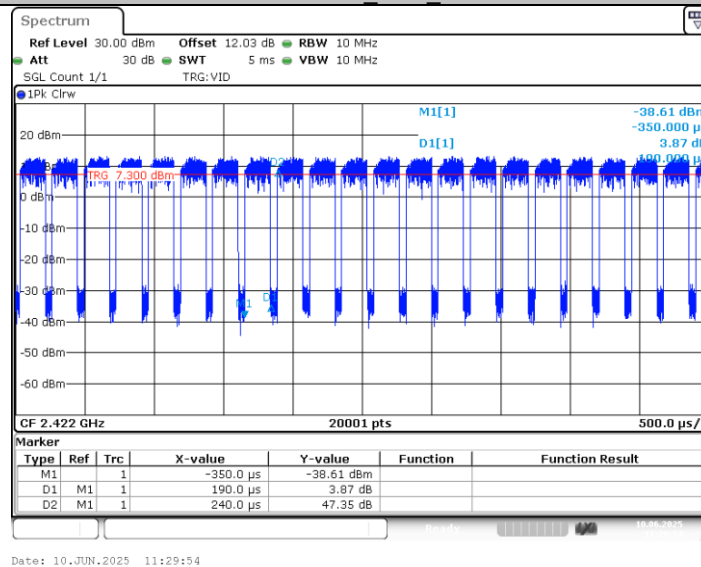
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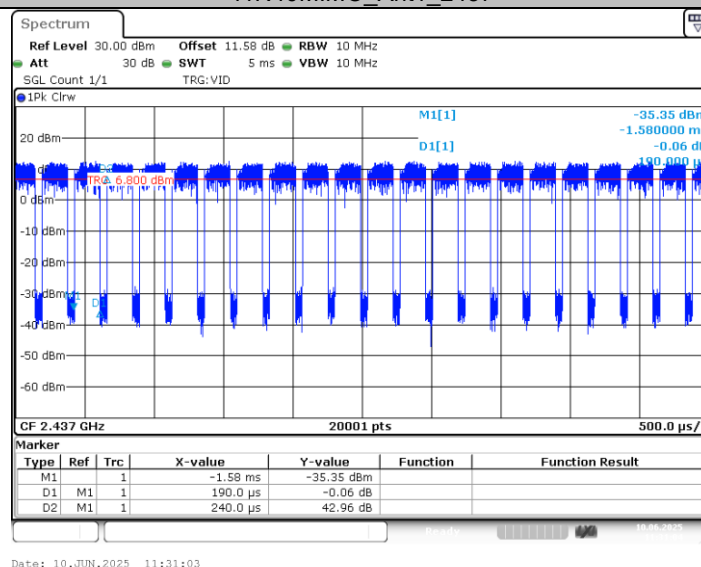
11N40MIMO_Ant1_2422



11N40MIMO_Ant2_2422



11N40MIMO_Ant1_2437



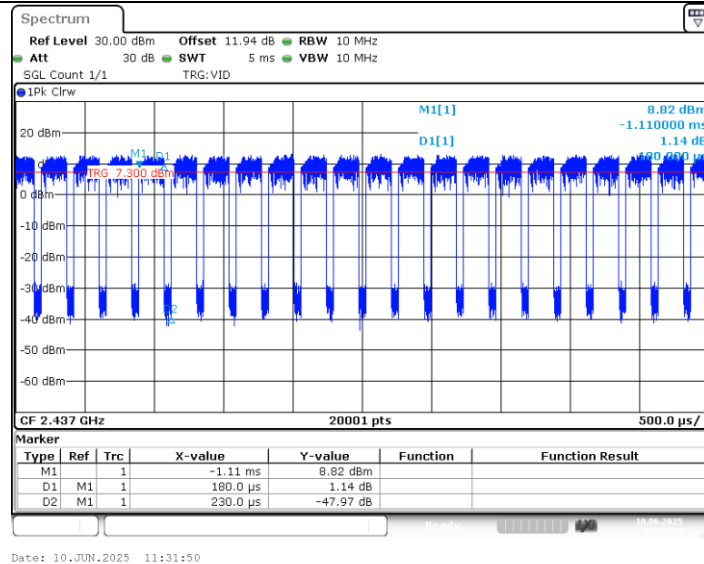
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CTC Laboratories, Inc.

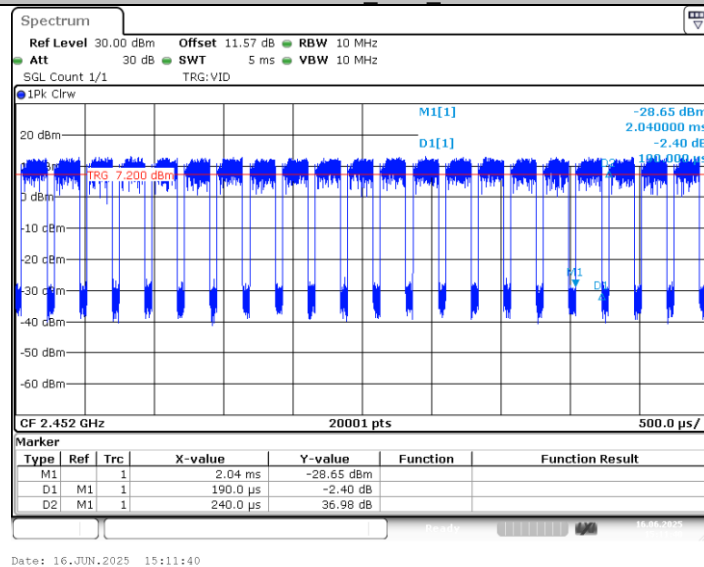
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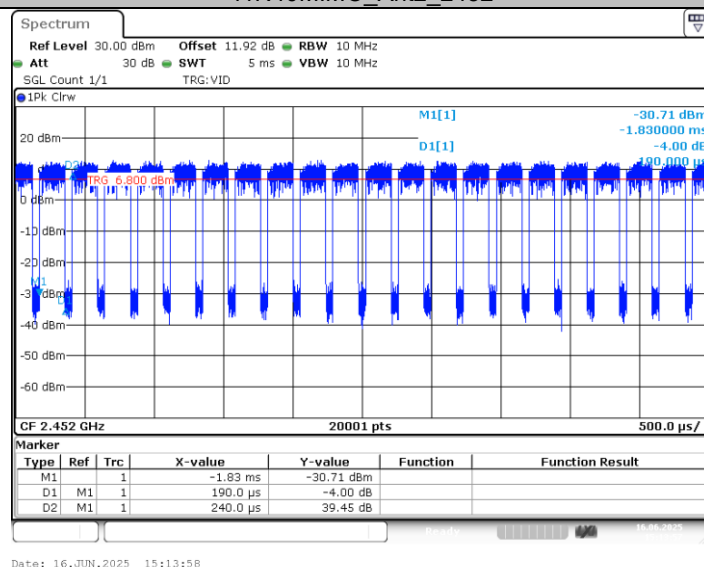
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Society : yz.cncaq.com



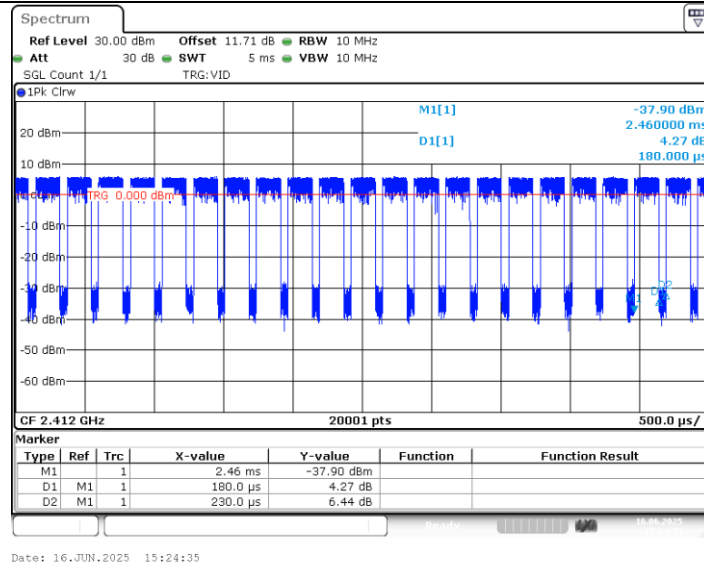
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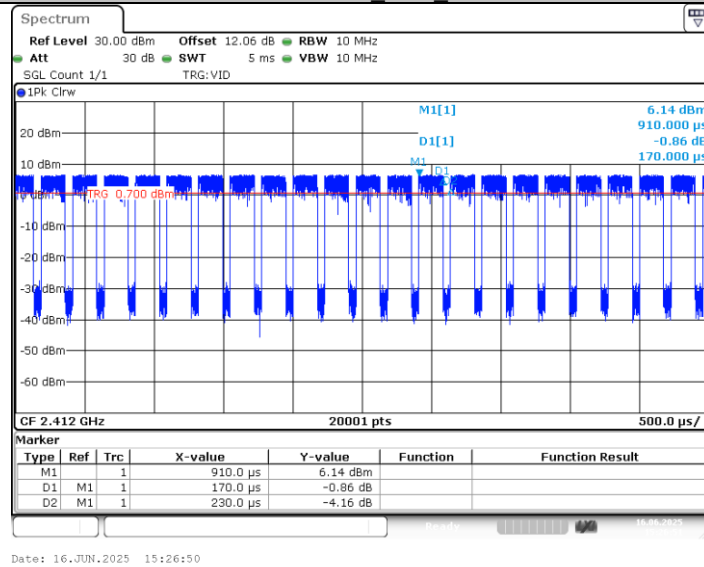
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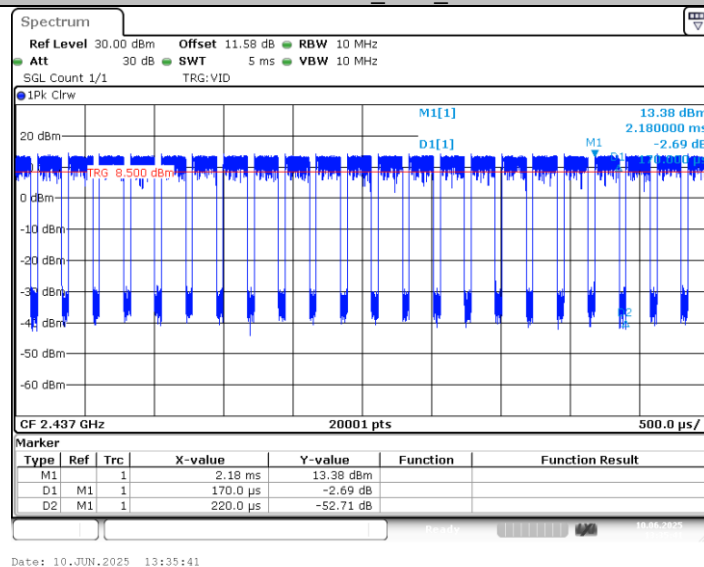
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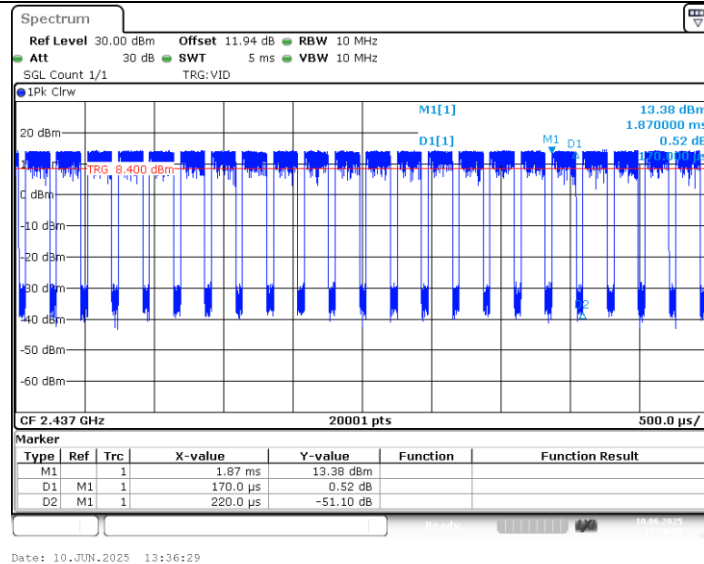
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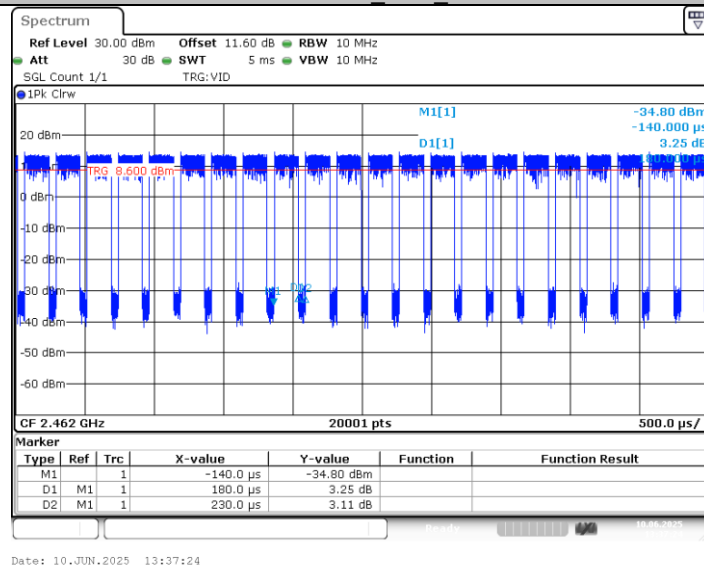
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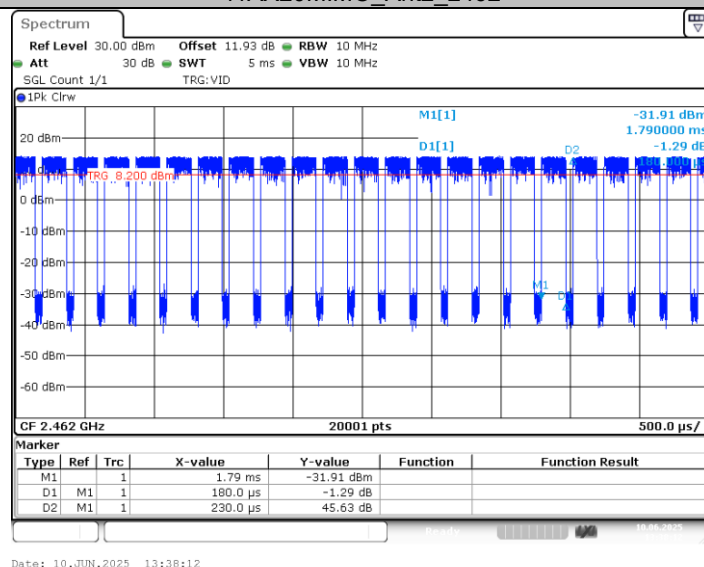
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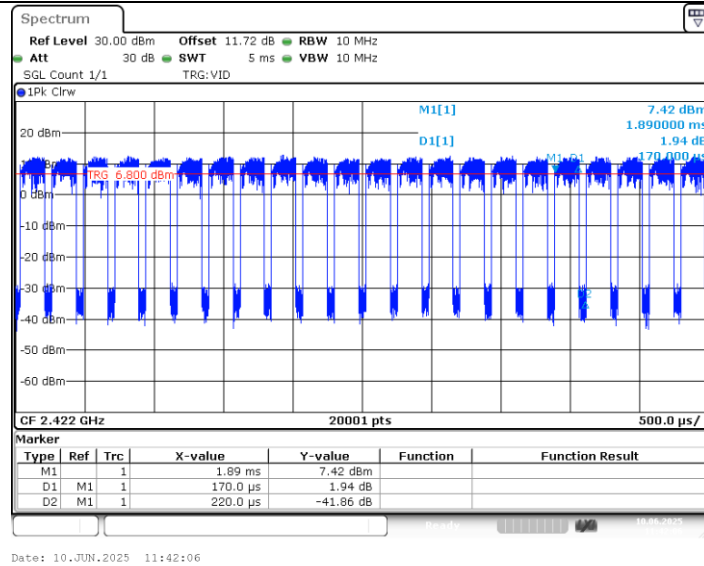
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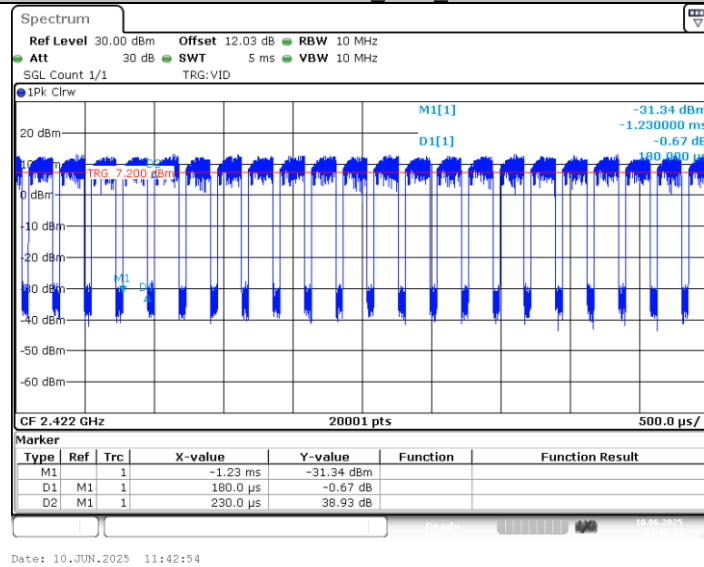
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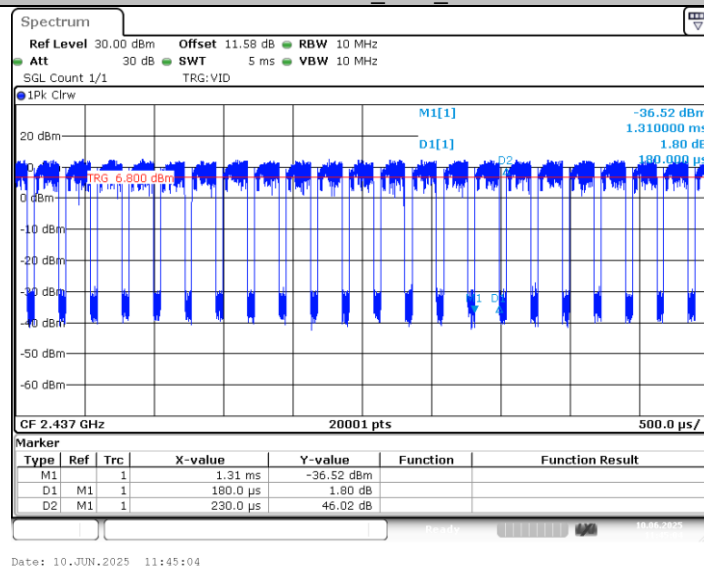
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11AX40MIMO_Ant2_2422



11AX40MIMO_Ant1_2437



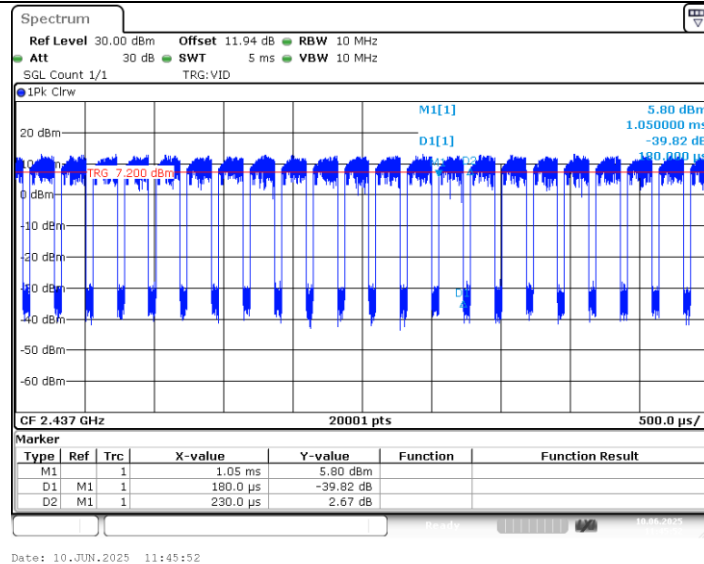
11AX40MIMO_Ant2_2437

CTC Laboratories, Inc.

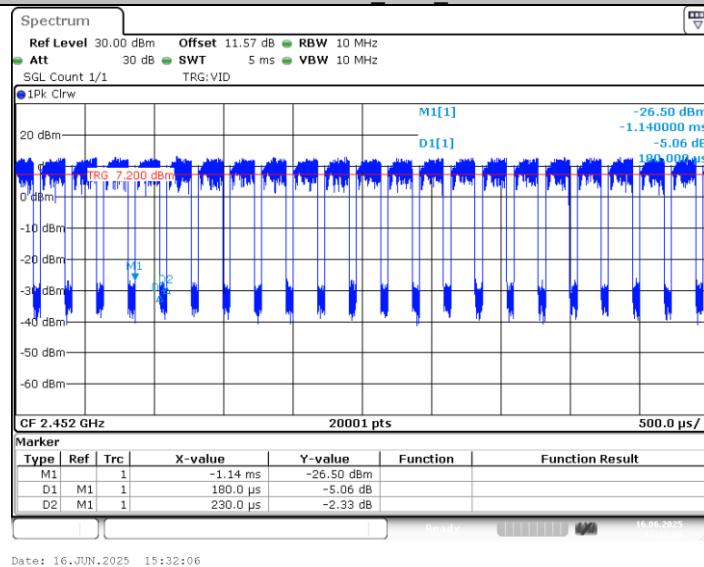
Room 107, 108, 207, 208, 303 of Building A, Room 101 of Building B, No.7, Lanqing 1st Road, Luhua Community, Guanhu Subdistrict, Longhua District, Shenzhen, Guangdong, China Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

TRF No: CTC-TR-057_A2

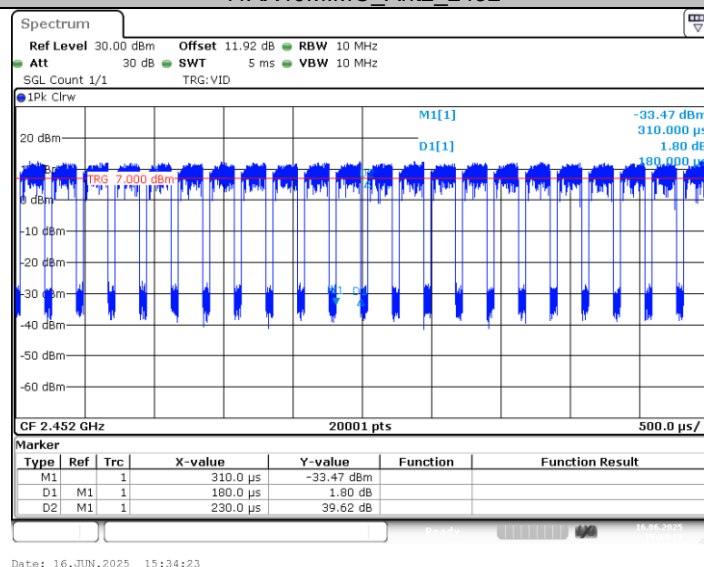
For anti-fake verification, please visit the official website of China Inspection And Testing Society : yz.cncaq.com



11AX40MIMO_Ant1_2452



11AX40MIMO_Ant2_2452



CTC Laboratories, Inc.

Room 107, 108, 207, 208, 303 of Building A, Room 101 of Building B, No.7, Lanqing 1st Road, Luhu Community, Guanhu Subdistrict, Longhua District, Shenzhen, Guangdong, China Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

TRF No: CTC-TR-057_A2

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3.9. Antenna Requirement

Requirement

FCC CFR Title 47 Part 15 Subpart C Section 15.203

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

FCC CFR Title 47 Part 15 Subpart C Section 15.247(b) (4)

(4)The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Test Result

Pass.

*****THE END OF REPORT*****