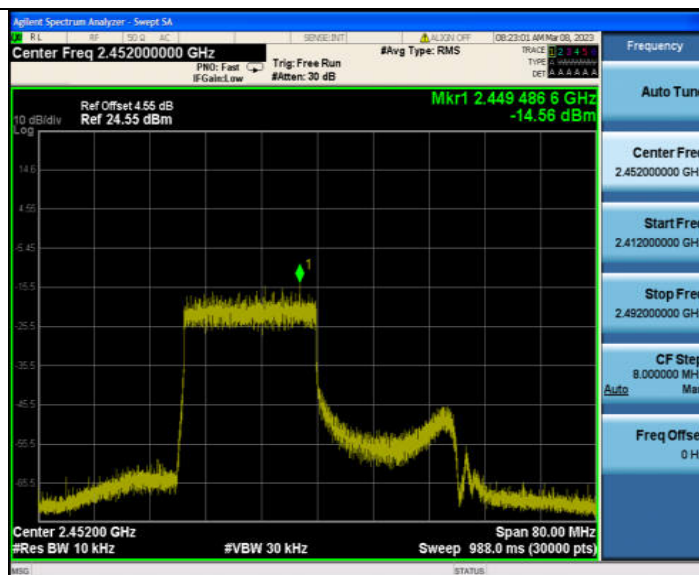
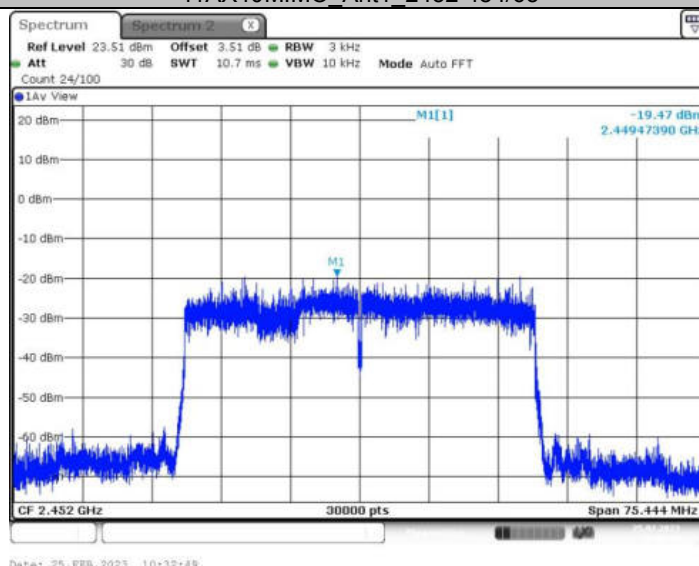
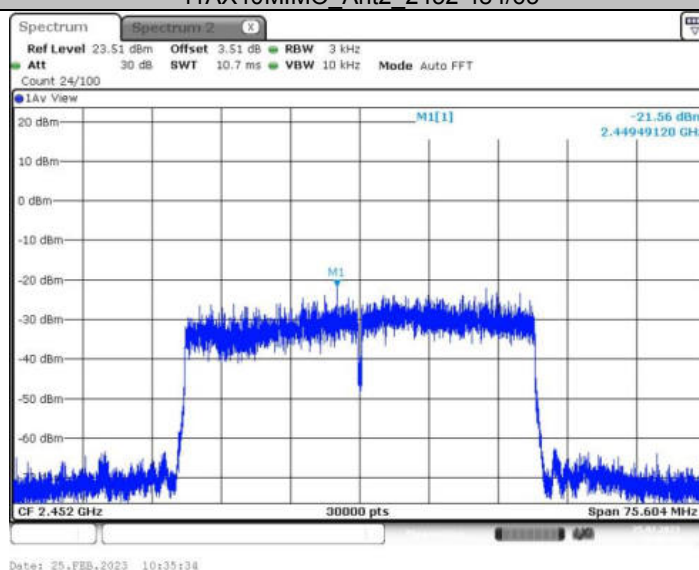




11AX40MIMO_Ant1_2452 484/65



11AX40MIMO_Ant2_2452 484/65

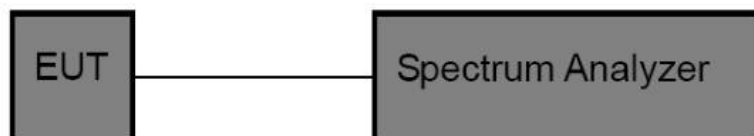


c) Duty Cycle

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 DTS 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

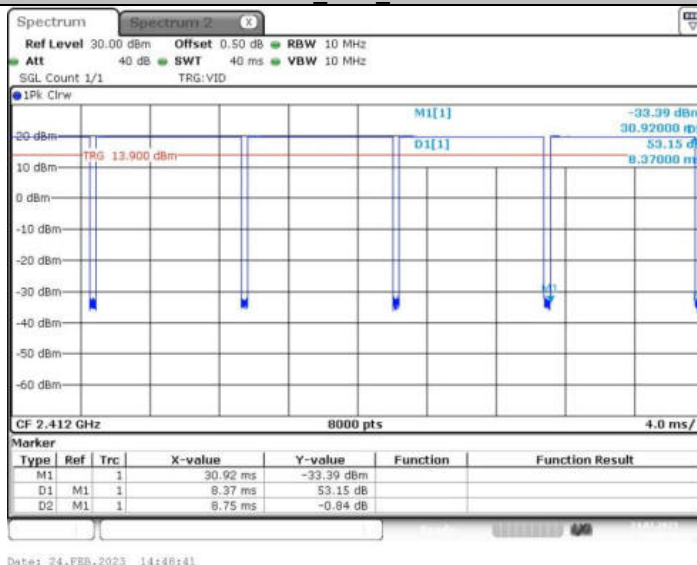
Please refer to the clause 2.4.

**Test Result**

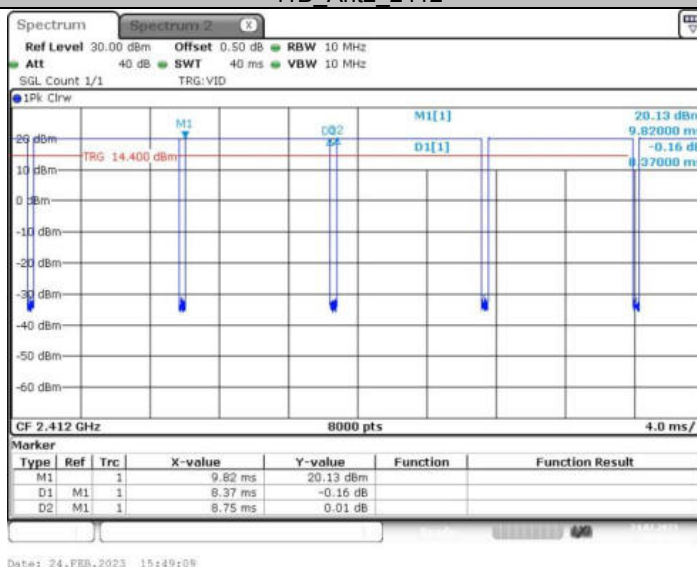
Test Mode	Antenna	Frequency [MHz]	RU Configuration	Transmission Duration[ms]	Transmission Period[ms]	Duty Cycle[%]	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
802.11b	Ant1	2412	/	8.37	8.75	95.66	0.12	1
	Ant2	2412	/	8.37	8.75	95.66	0.12	1
	Ant1	2437	/	8.37	8.75	95.66	0.12	1
	Ant2	2437	/	8.37	8.75	95.66	0.12	1
	Ant1	2462	/	8.37	8.75	95.66	0.12	1
	Ant2	2462	/	8.37	8.75	95.66	0.12	1
802.11g	Ant1	2412	/	1.39	1.77	78.53	0.72	1
	Ant2	2412	/	1.39	2.71	51.29	0.72	1
	Ant1	2437	/	1.39	1.77	78.53	0.72	1
	Ant2	2437	/	1.39	1.79	77.65	0.72	1
	Ant1	2462	/	1.39	1.77	78.53	0.72	1
	Ant2	2462	/	1.39	1.78	78.09	0.72	1
802.11n (HT20)	Ant1	2412	/	1.28	1.69	75.74	0.78	1
	Ant2	2412	/	1.29	1.69	76.33	0.78	1
	Ant1	2437	/	1.29	1.68	76.79	0.78	1
	Ant2	2437	/	1.28	1.68	76.19	0.78	1
	Ant1	2462	/	1.28	1.68	76.19	0.78	1
	Ant2	2462	/	1.28	1.68	76.19	0.78	1
802.11n (HT40)	Ant1	2422	/	0.64	1.03	62.14	1.56	3
	Ant2	2422	/	0.63	1.01	62.38	1.59	3
	Ant1	2437	/	0.64	1.02	62.75	1.56	3
	Ant2	2437	/	0.63	1.03	61.17	1.59	3
	Ant1	2452	/	0.63	1.01	62.38	1.59	3
	Ant2	2452	/	0.64	1.03	62.14	1.56	3
802.11ax (HE20)	Ant1	2412	242/61	0.56	0.96	58.33	1.79	3
	Ant2	2412	242/61	0.56	0.95	58.95	1.79	3
	Ant1	2437	242/61	0.55	0.95	57.89	1.82	3
	Ant2	2437	242/61	0.55	0.95	57.89	1.82	3
	Ant1	2462	242/61	0.56	0.95	58.95	1.79	3
	Ant2	2462	242/61	0.56	0.95	58.95	1.79	3
802.11ax (HE40)	Ant1	2422	484/65	0.20	0.40	50.00	5.00	5
	Ant2	2422	484/65	0.20	0.40	50.00	5.00	5
	Ant1	2437	484/65	0.20	0.40	50.00	5.00	5
	Ant2	2437	484/65	0.20	0.43	46.51	5.00	5
	Ant1	2452	484/65	0.20	0.40	50.00	5.00	5
	Ant2	2452	484/65	0.20	0.40	50.00	5.00	5



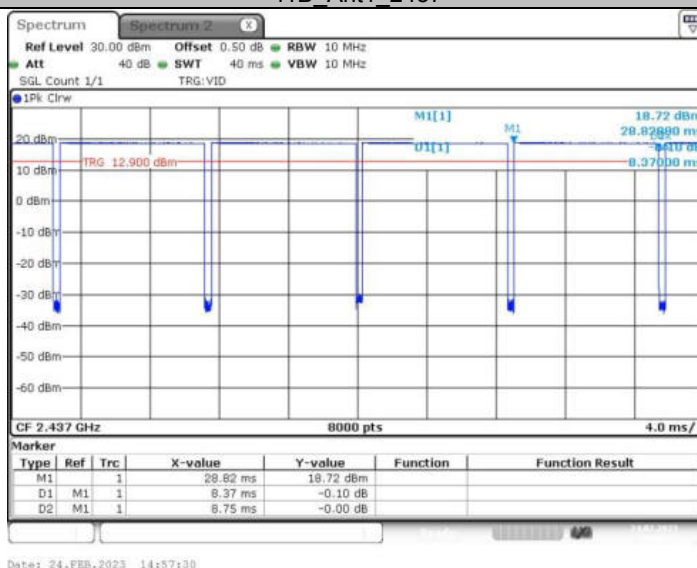
11B_Ant1_2412



11B_Ant2_2412



11B_Ant1_2437



11B_Ant2_2437

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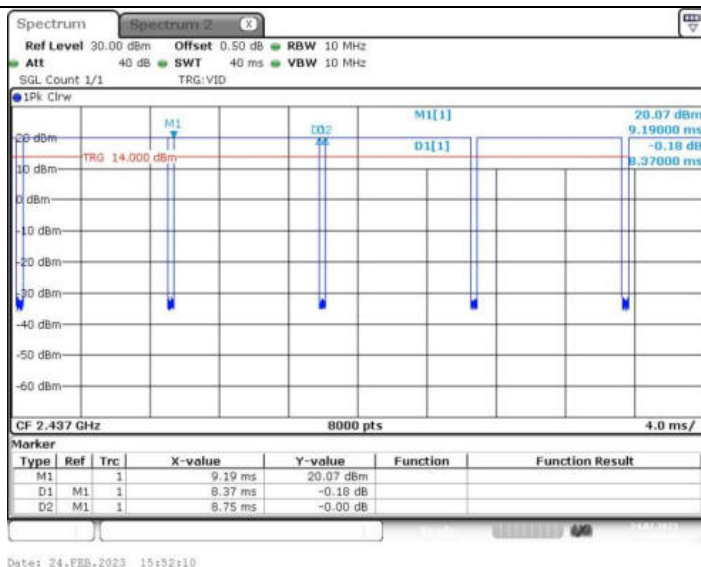
1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Shenzhen, Guangdong, China

Tel.: (86)755-27521059

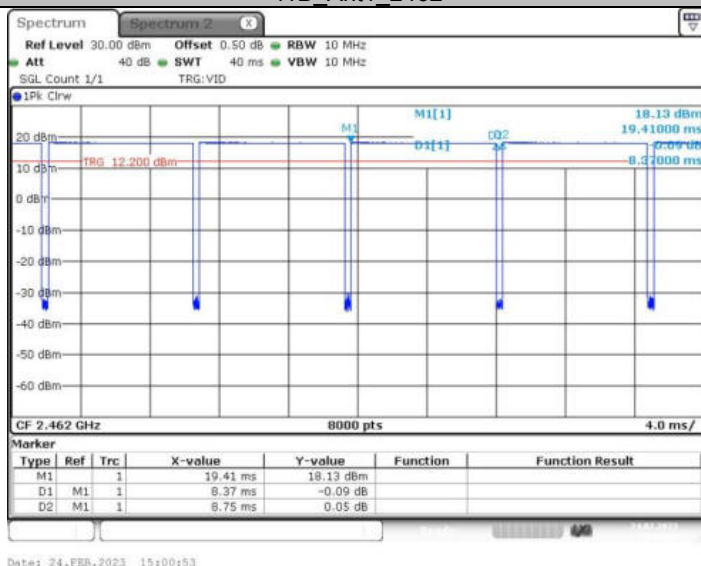
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Http://www.sz-ctc.org.cn

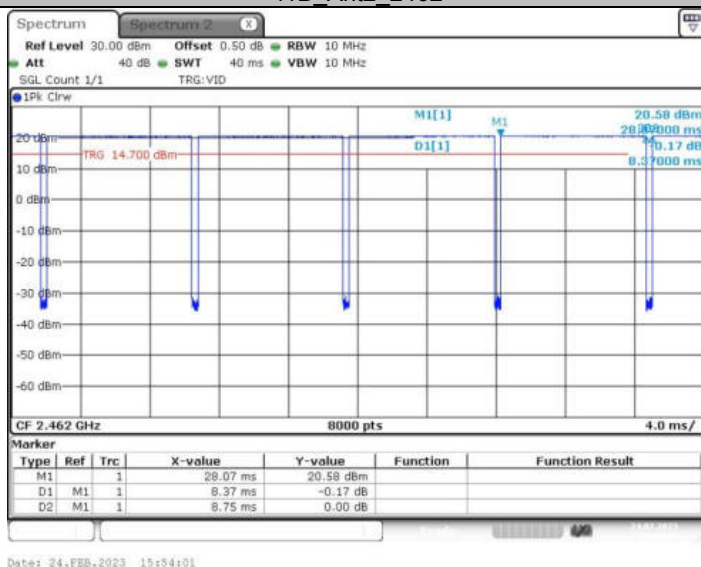
For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : yz.cnca.cn



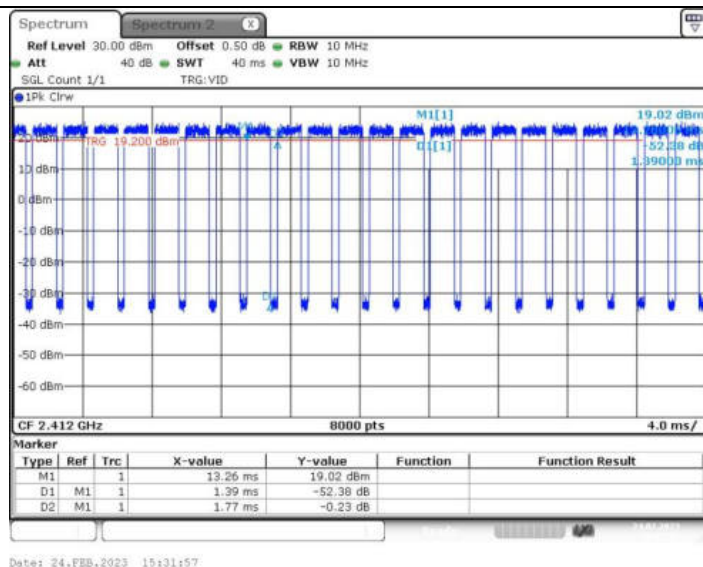
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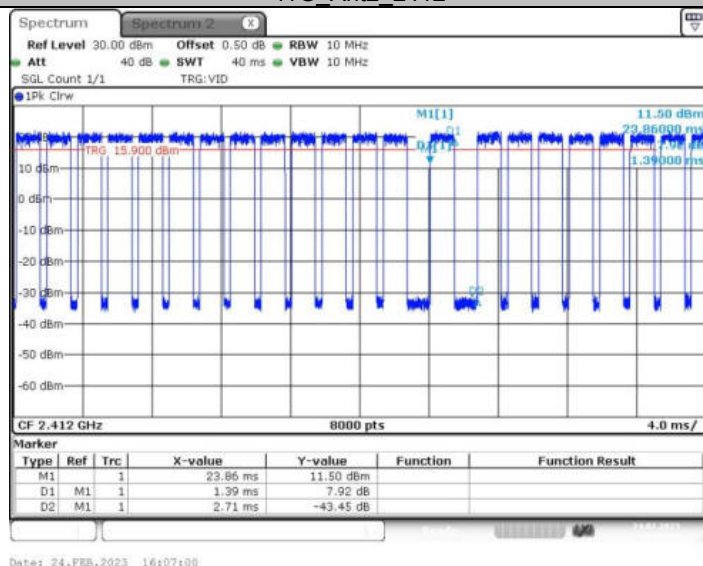
11B_Ant2_2462



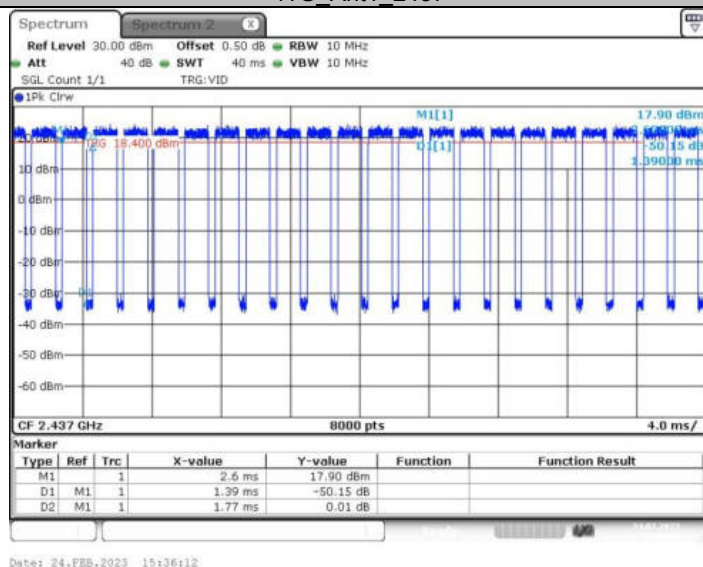
11G_Ant1_2412



11G_Ant2_2412



11G_Ant1_2437



11G_Ant2_2437

CTC Laboratories, Inc.

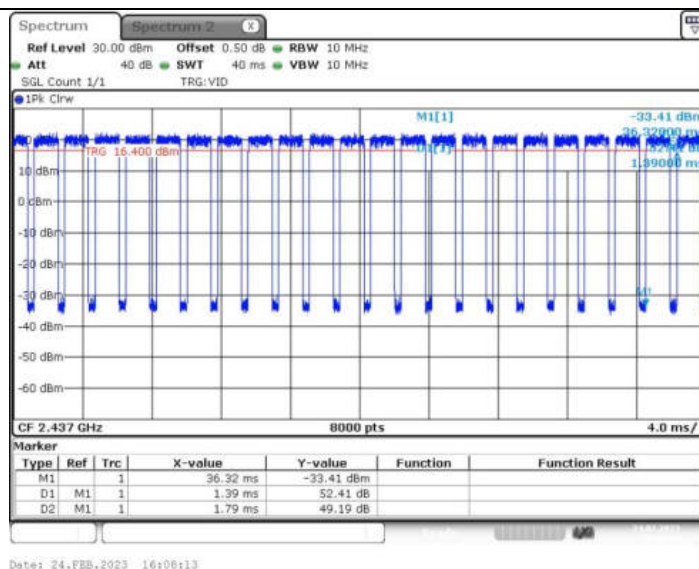
1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Shenzhen, Guangdong, China

Tel.: (86)755-27521059

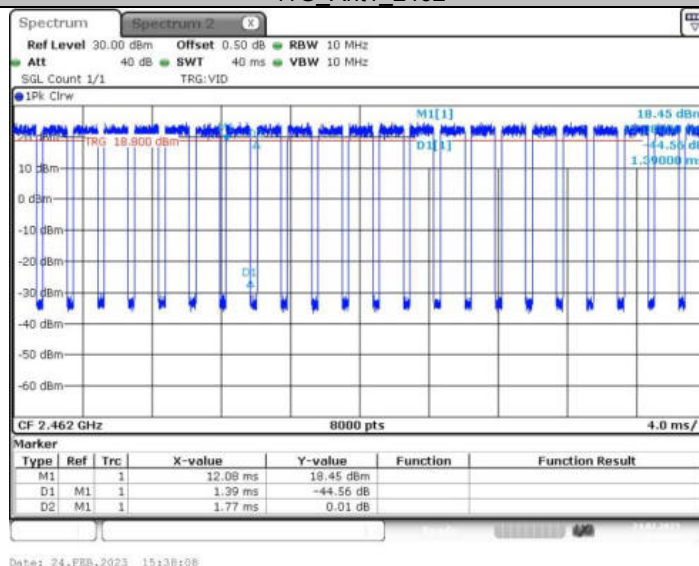
Fax: (86)755-27521011

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

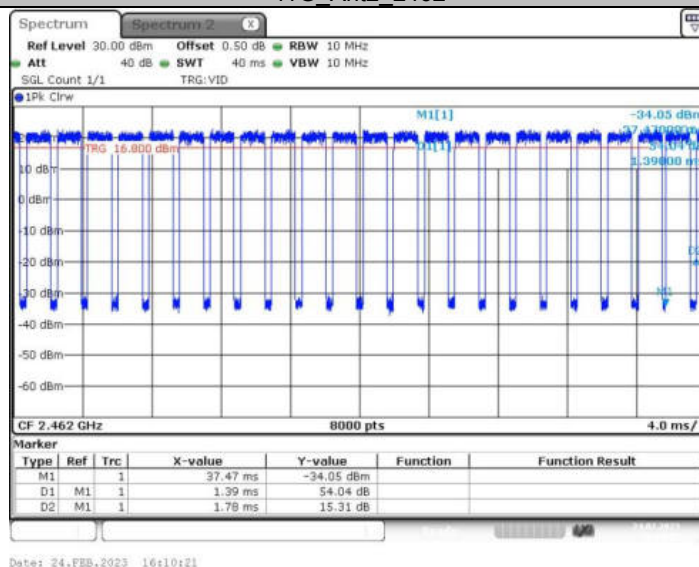
For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : yz.cnca.cn



11G_Ant1_2462



11G_Ant2_2462



11N20MIMO_Ant1_2412

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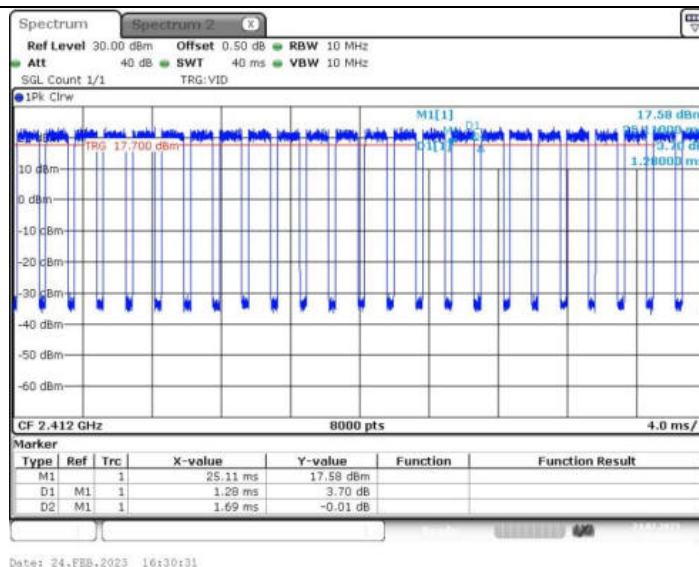
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Tel.: (86)755-27521059

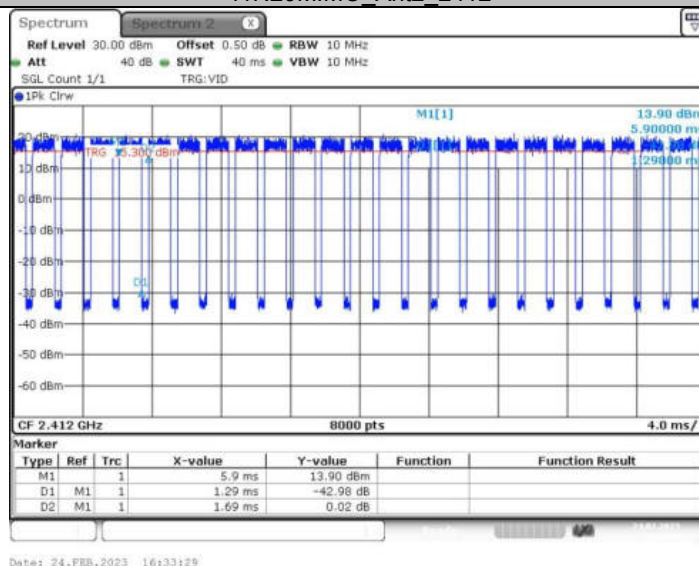
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Http://www.sz-ctc.org.cn

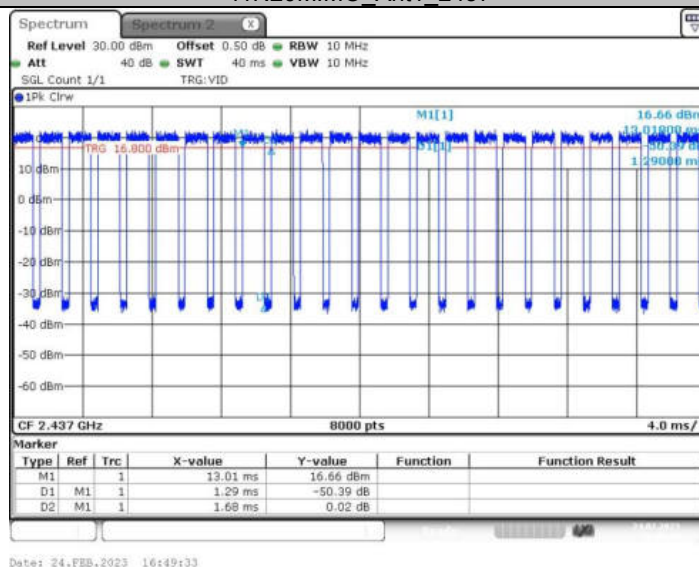
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11N20MIMO_Ant2_2412



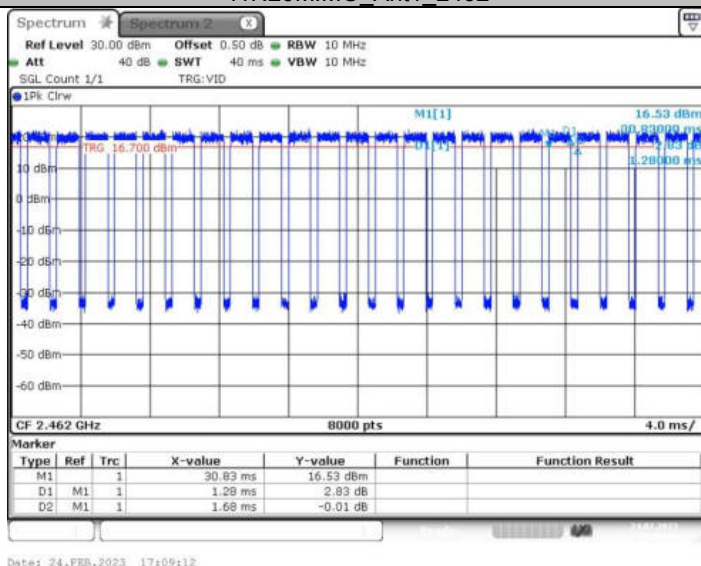
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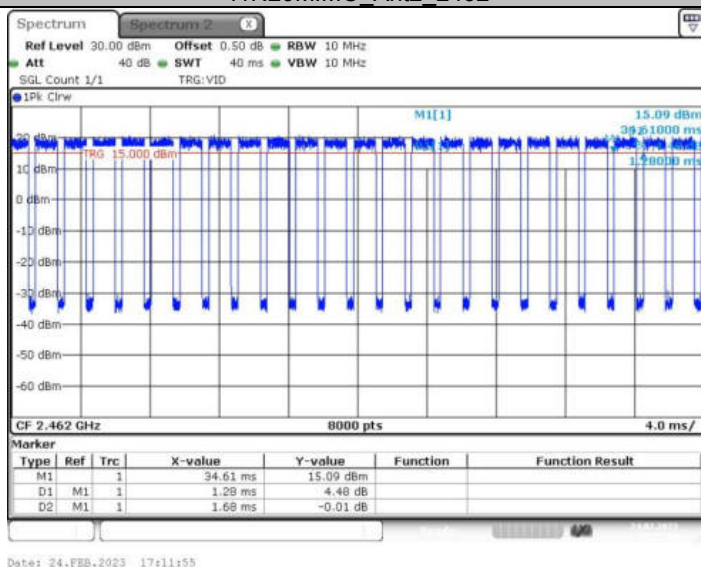
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11N20MIMO_Ant1_2462



11N20MIMO_Ant2_2462



11N40MIMO_Ant1_2422

CTC Laboratories, Inc.

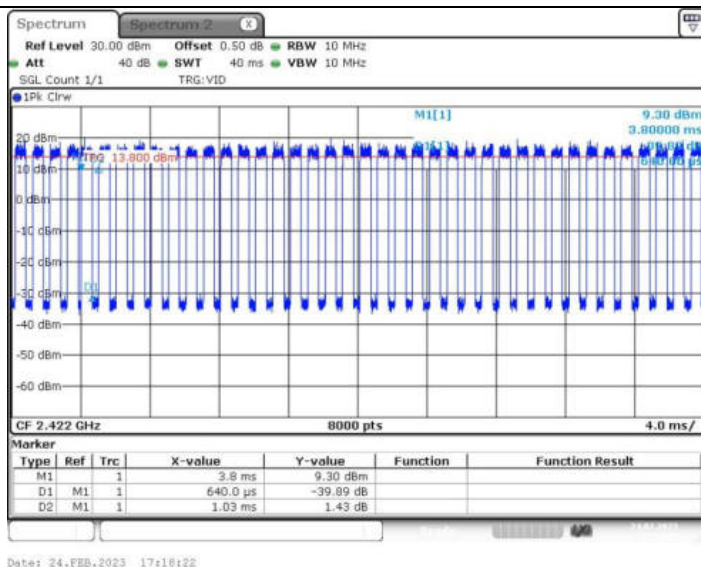
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Tel.: (86)755-27521059

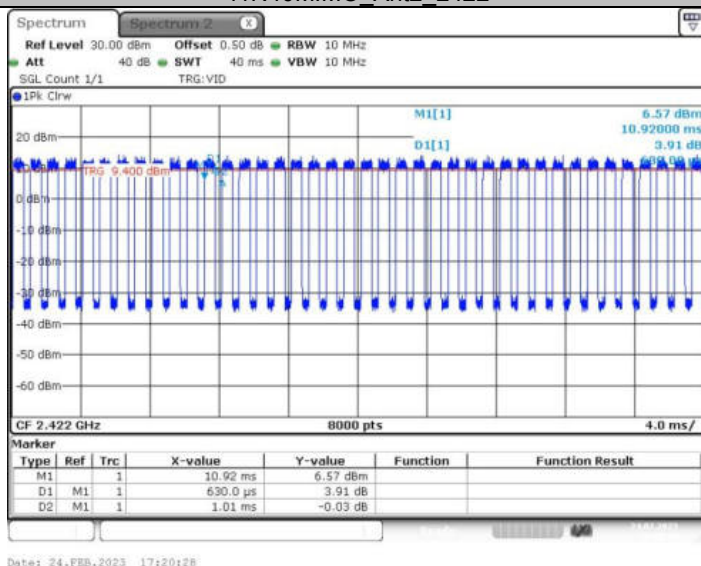
Fax: (86)755-27521011

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

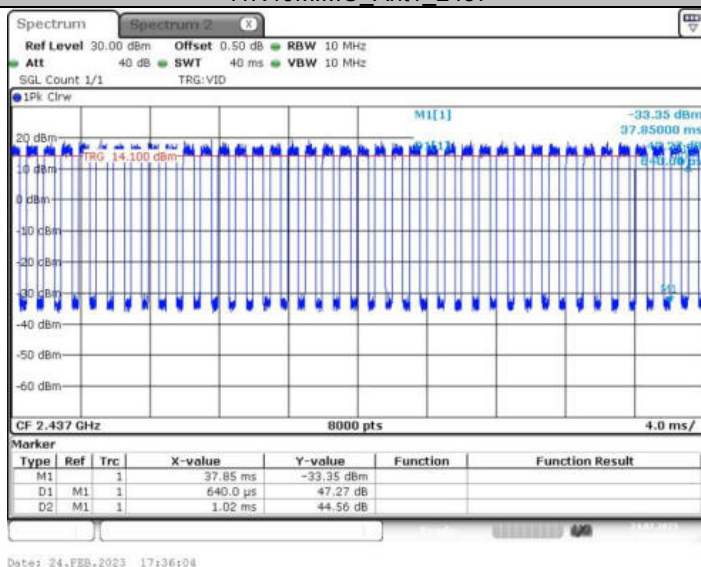
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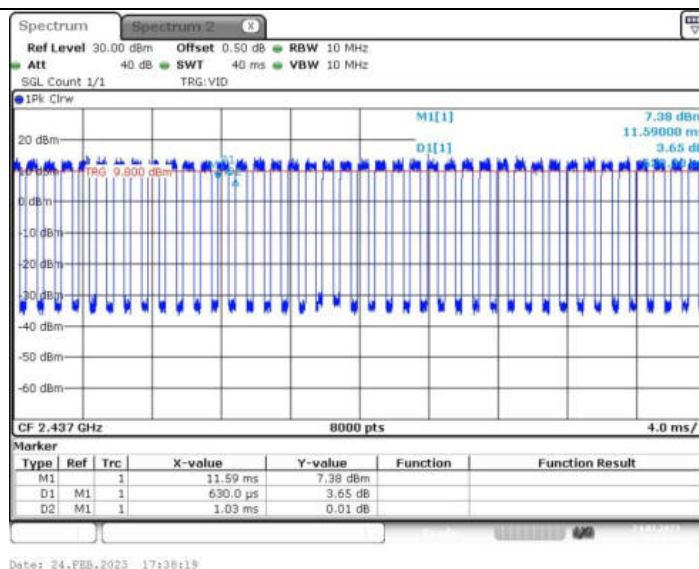
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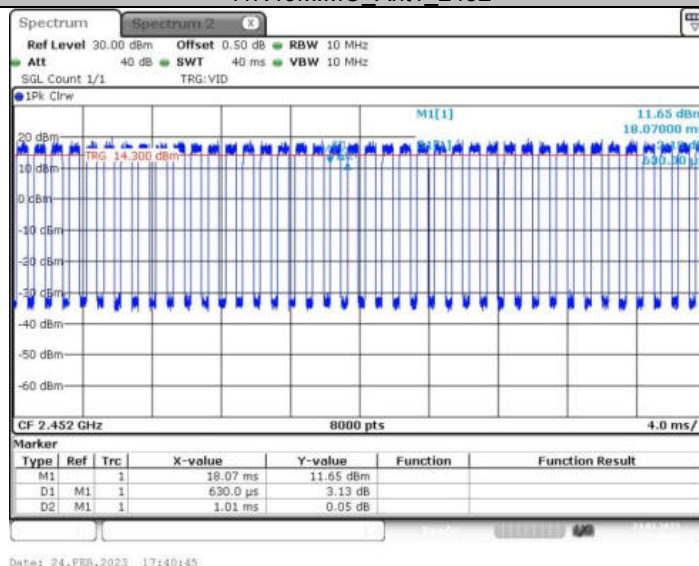
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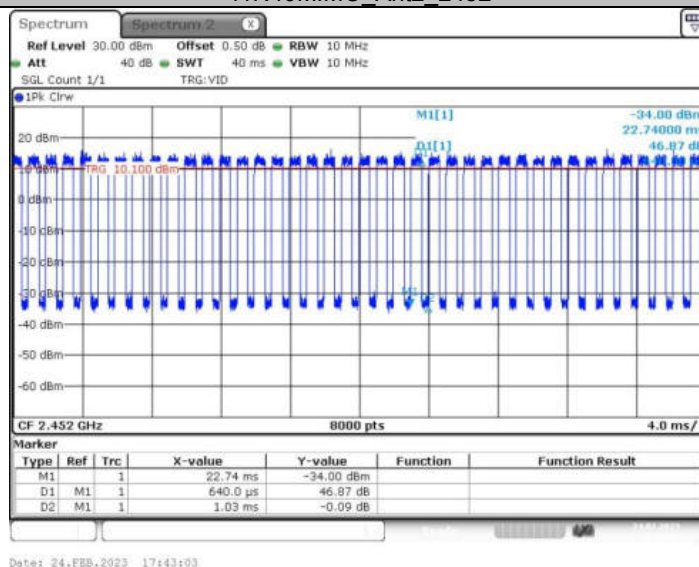
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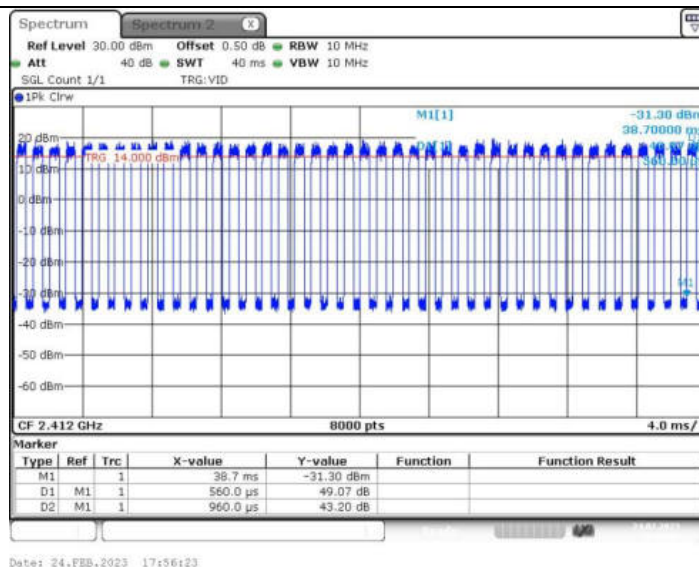
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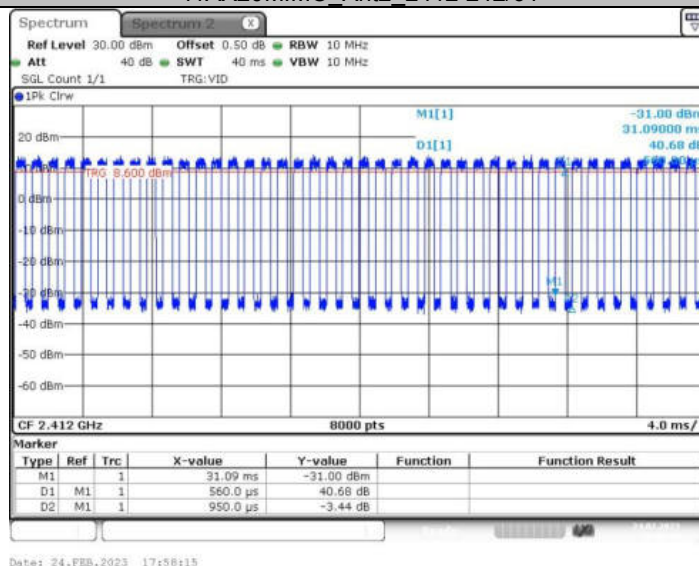
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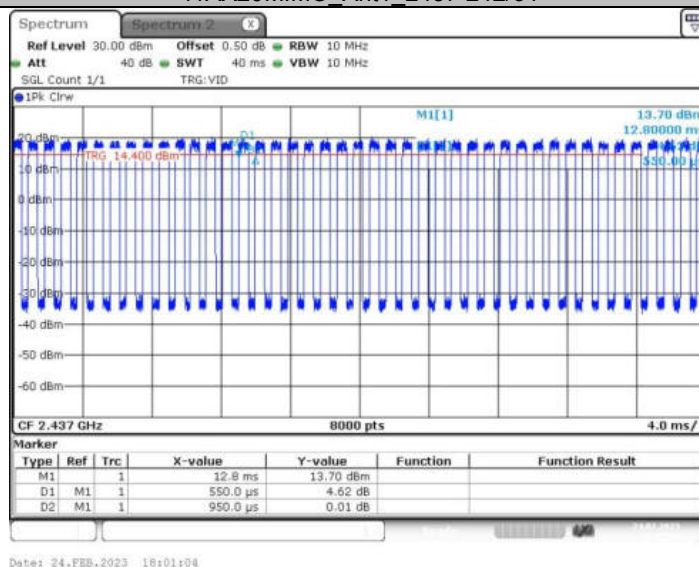
11AX20MIMO_Ant1_2412 242/61



11AX20MIMO_Ant2_2412 242/61



11AX20MIMO_Ant1_2437 242/61



11AX20MIMO_Ant2_2437 242/61

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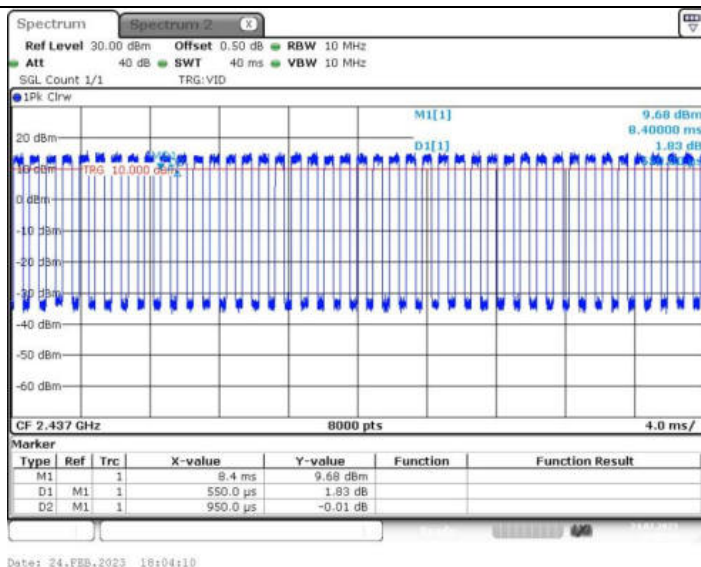
1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Shenzhen, Guangdong, China

Tel.: (86)755-27521059

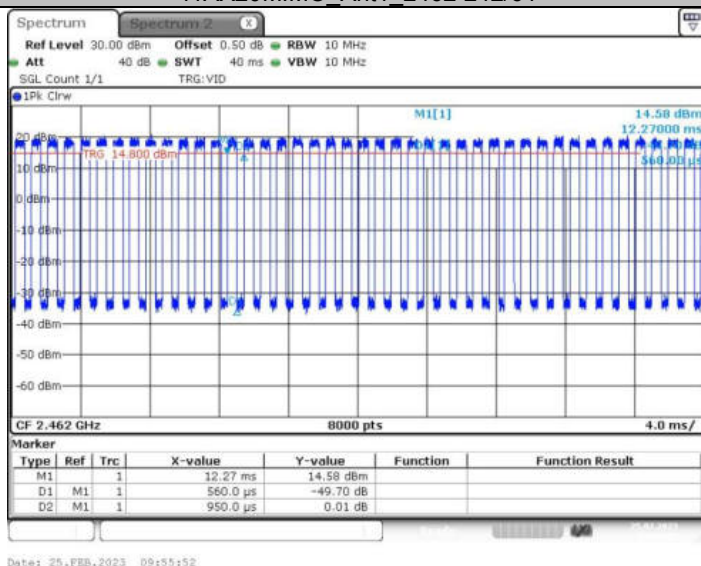
Fax: (86)755-27521011

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

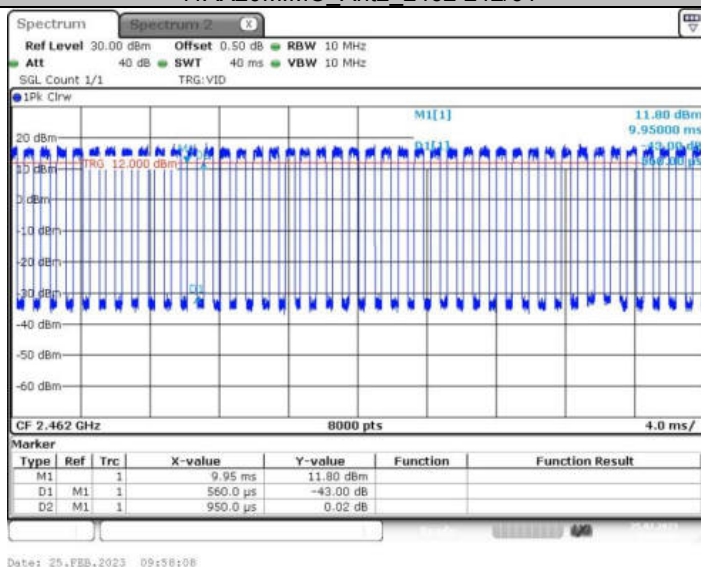
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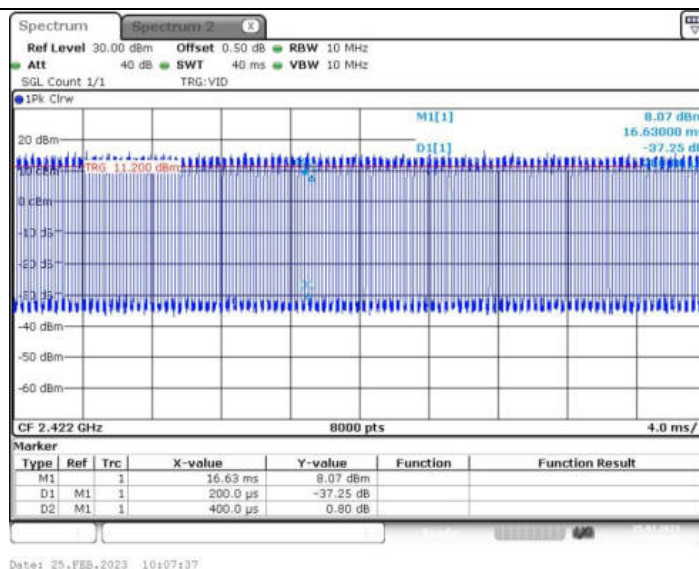
11AX20MIMO_Ant1_2462 242/61



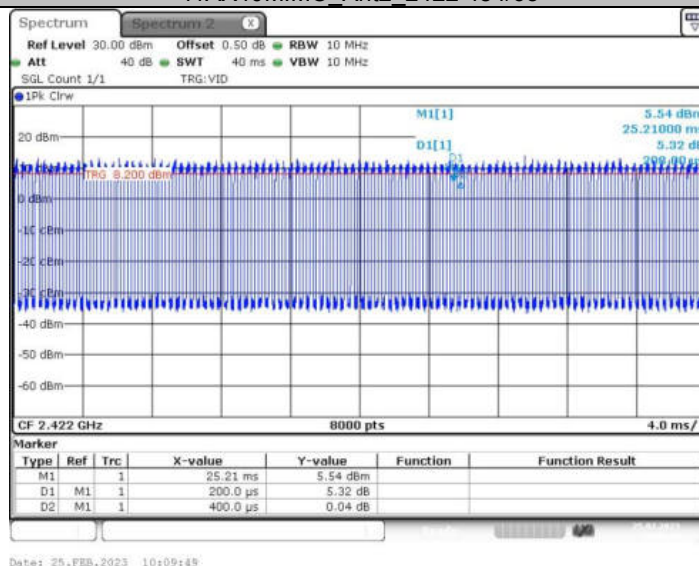
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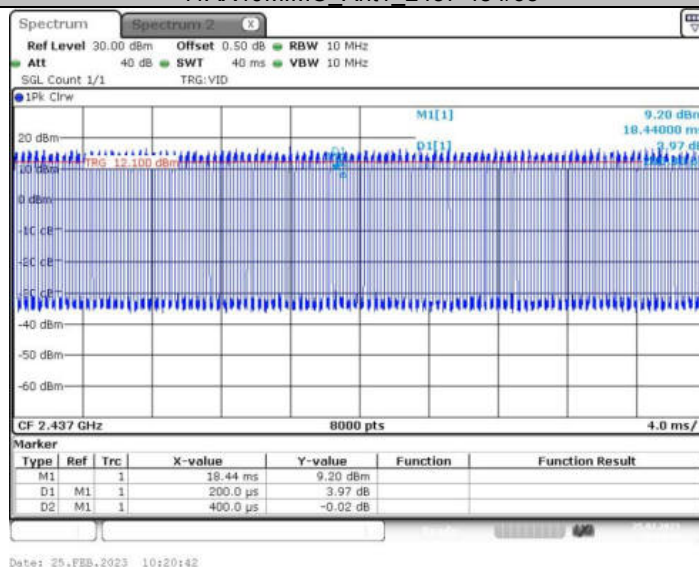
11AX40MIMO_Ant1_2422 484/65



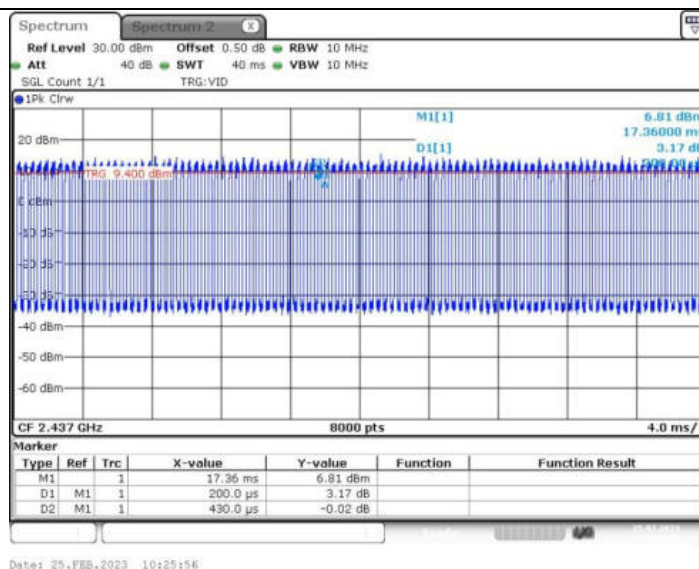
11AX40MIMO_Ant2_2422 484/65



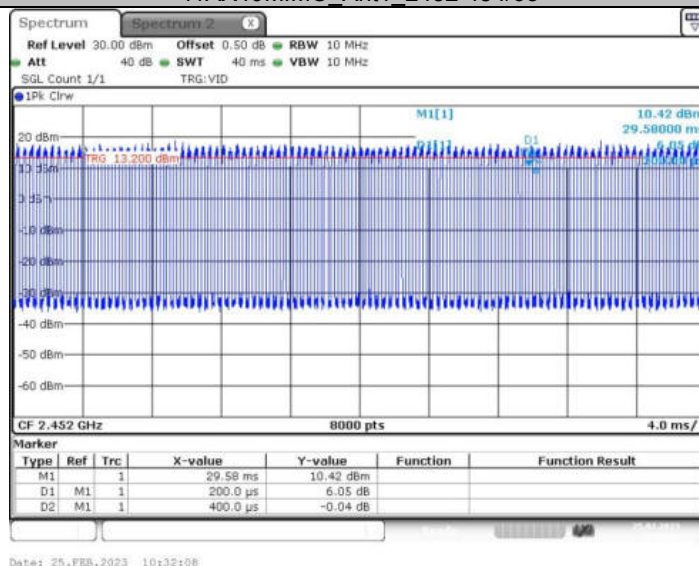
11AX40MIMO_Ant1_2437 484/65



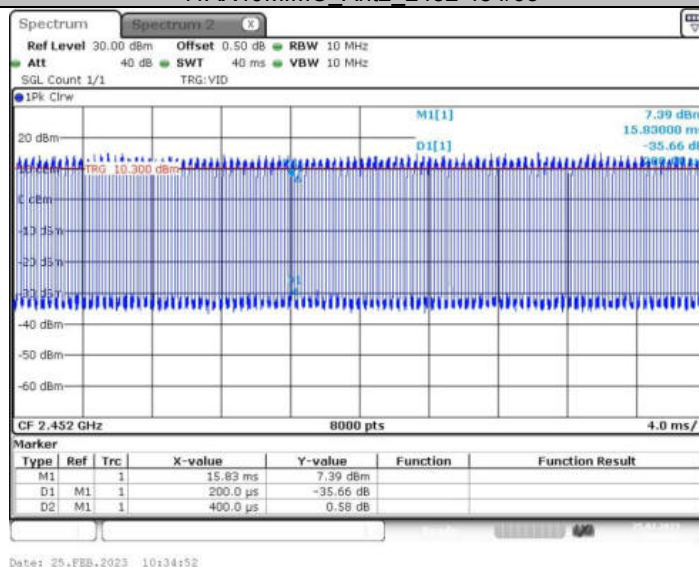
11AX40MIMO_Ant2_2437 484/65



11AX40MIMO_Ant1_2452 484/65



11AX40MIMO_Ant2_2452 484/65





d) 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(c) (1)(i):

(i) Systems operating in the 2400~2483.5 MHz band that is used exclusively for fixed. Point-to-point operations may employ transmitting antennas with directional gain greater than 6dBi provided the maximum conducted output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6dBi.

Test Result

The directional gain of the antenna is 6.11dBi, please refer to the EUT external photos.

*****THE END*****