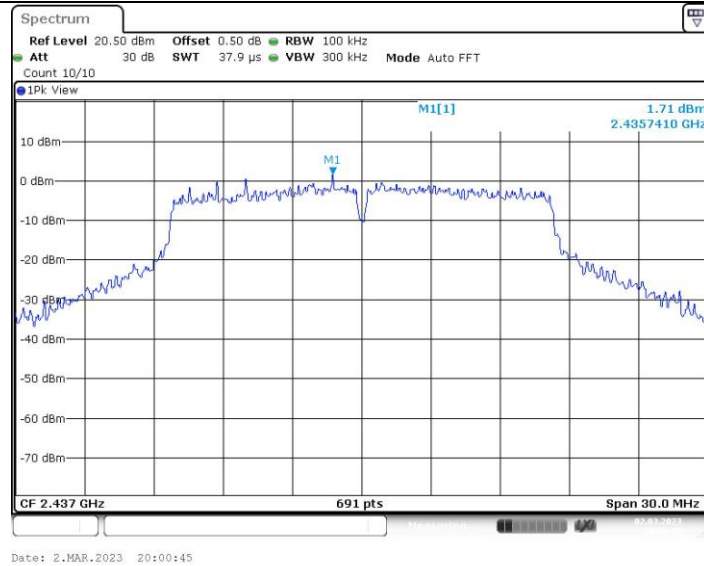
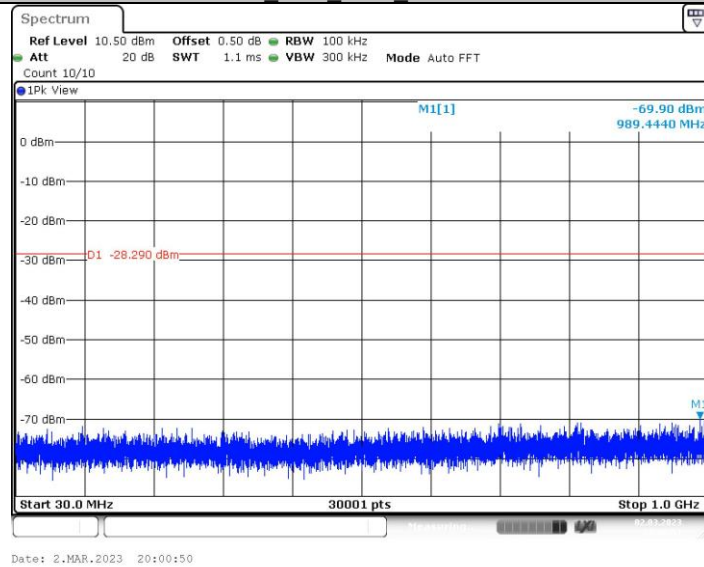
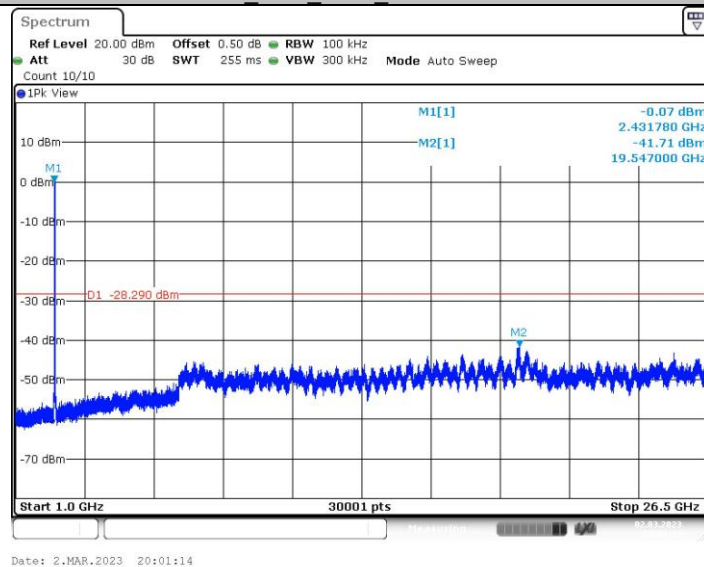




11G_Ant2_2437_30~1000



11G_Ant2_2437_1000~26500



11G_Ant1_2462_0~Reference

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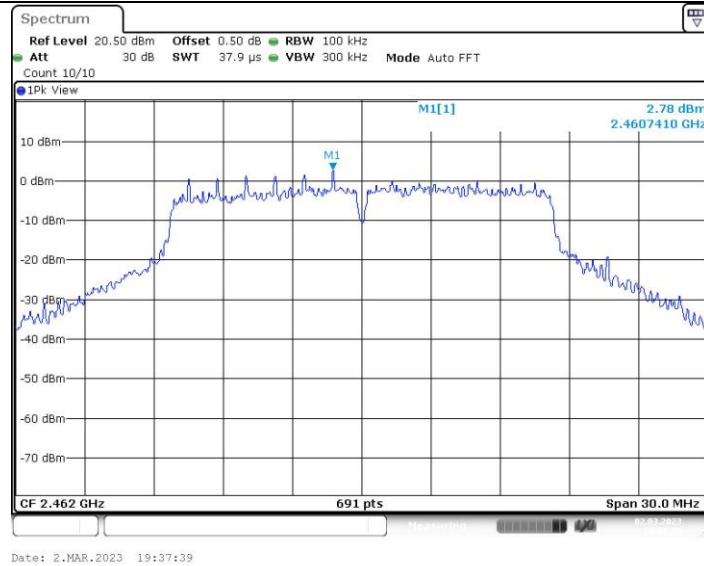
1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Shenzhen, Guangdong, China

Tel.: (86)755-27521059

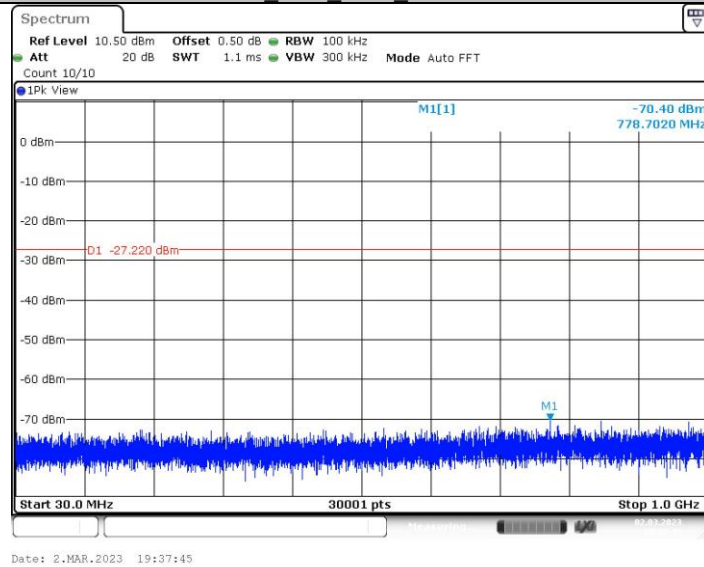
Fax: (86)755-27521011

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

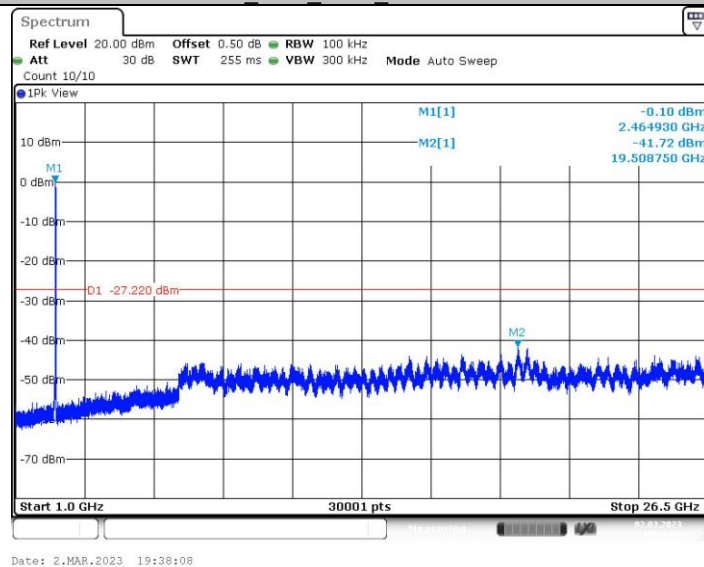
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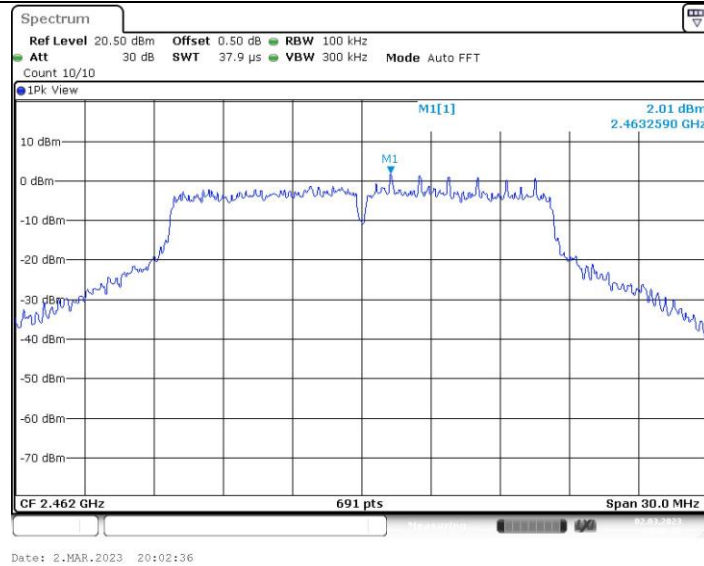
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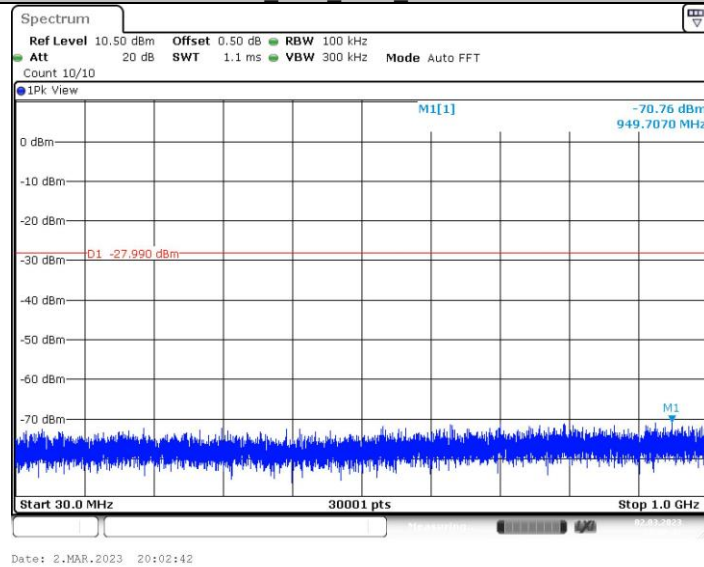
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CTC Laboratories, Inc.

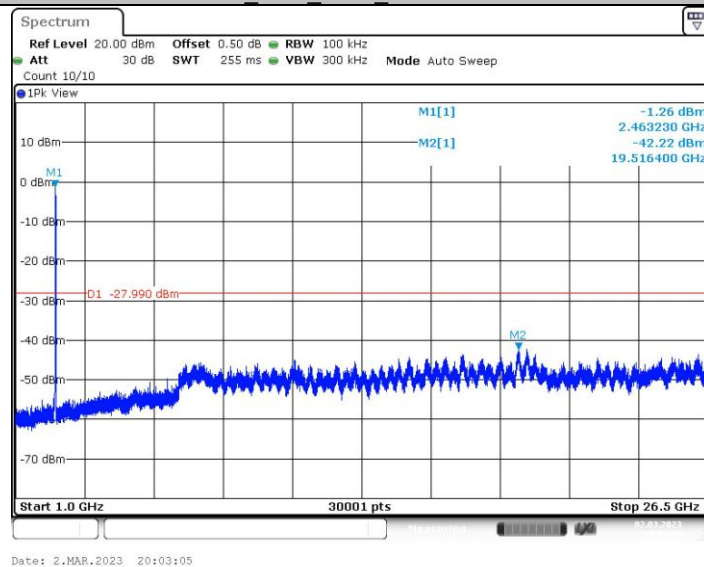
1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Shenzhen, Guangdong, China
Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cnFor anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : yz.cnca.cn



11G_Ant2_2462_30~1000



11G_Ant2_2462_1000~26500



11N20MIMO_Ant1_2412_0-Reference

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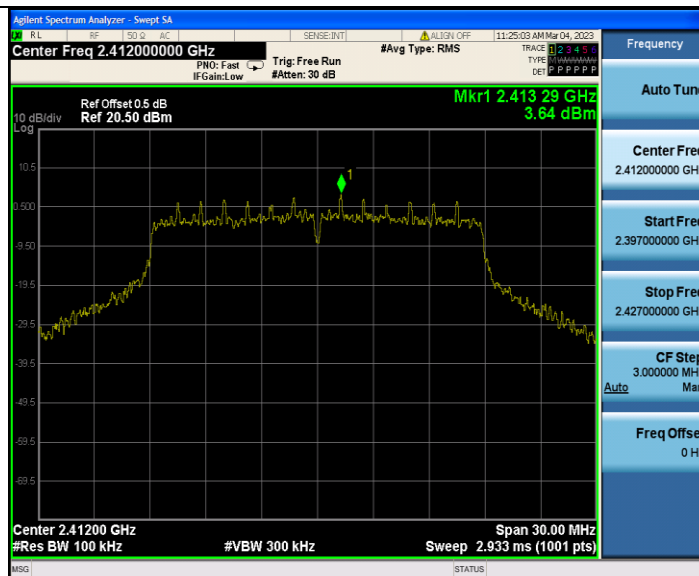
1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Shenzhen, Guangdong, China

Tel.: (86)755-27521059

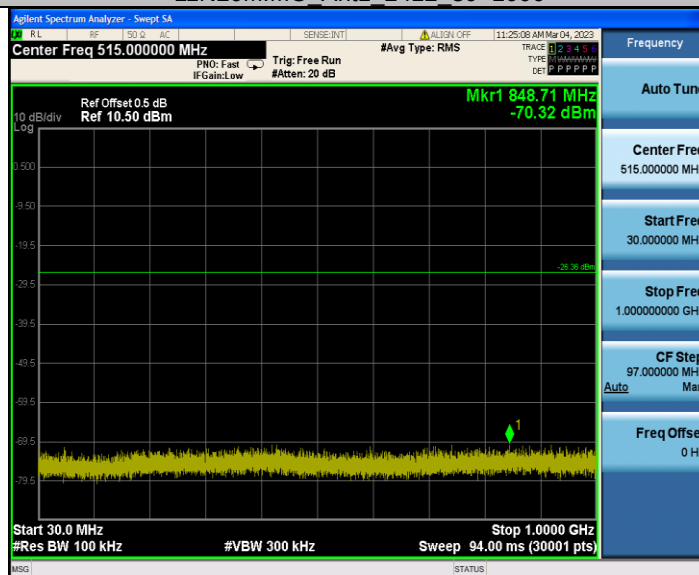
Fax: (86)755-27521011

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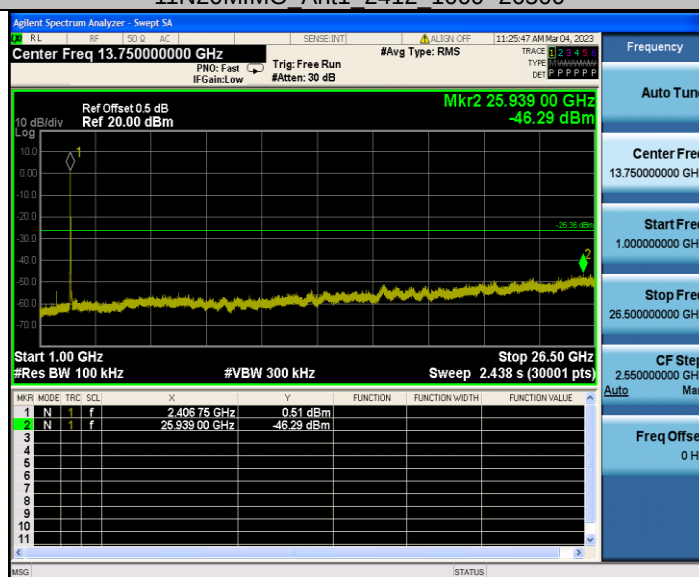
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11N20MIMO_Ant1_2412_30-1000



11N20MIMO_Ant1_2412_1000-26500



11N20MIMO_Ant2_2412_0-Reference

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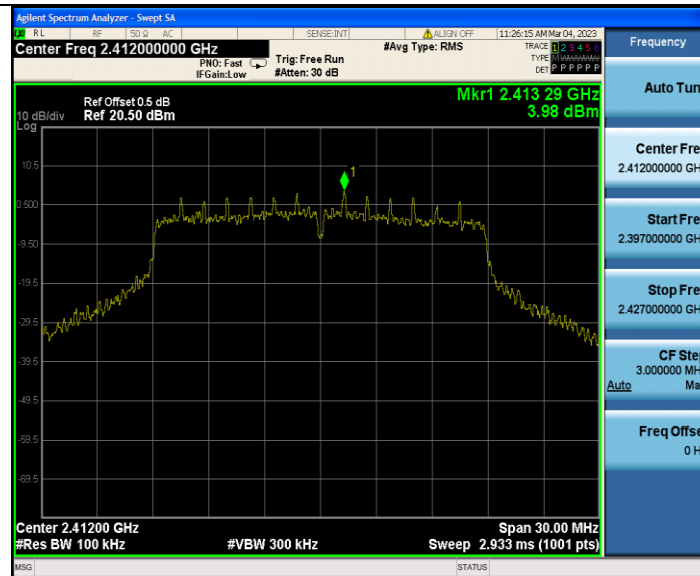
1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Shenzhen, Guangdong, China

Tel.: (86)755-27521059

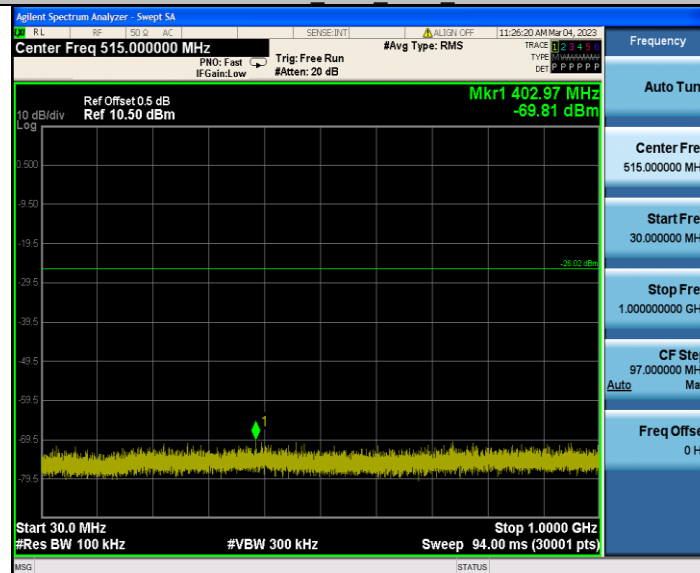
Fax: (86)755-27521011

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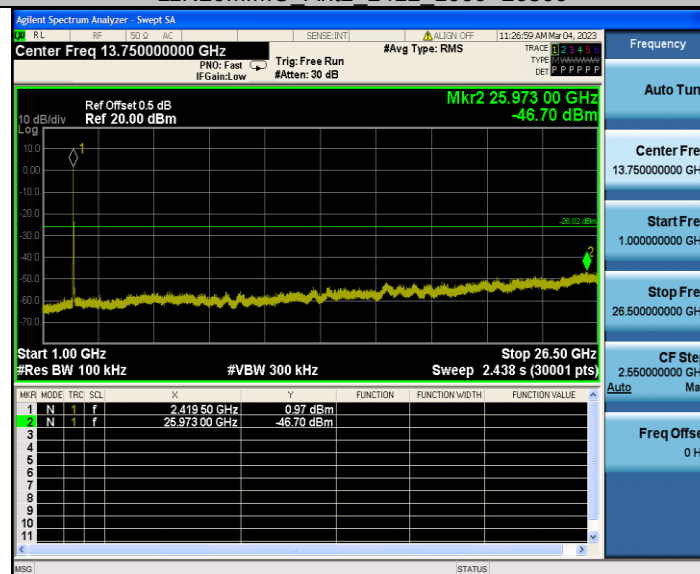
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11N20MIMO_Ant2_2412_30-1000



11N20MIMO_Ant2_2412_1000-26500



11N20MIMO_Ant1_2437_0-Reference

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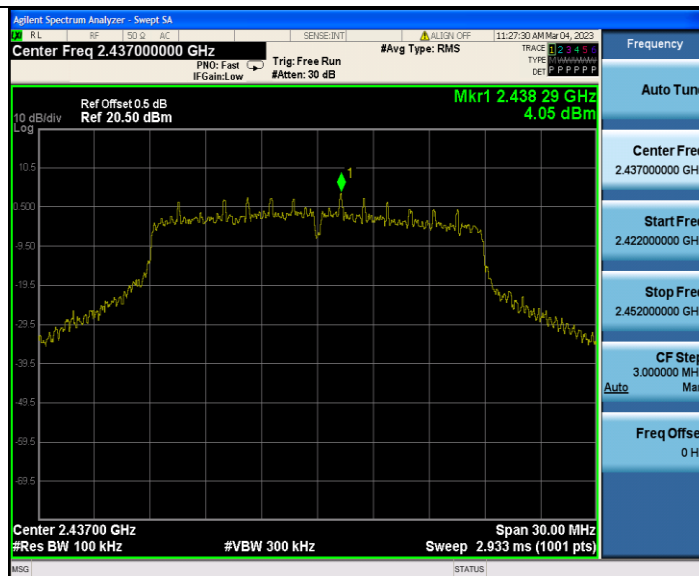
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Tel.: (86)755-27521059

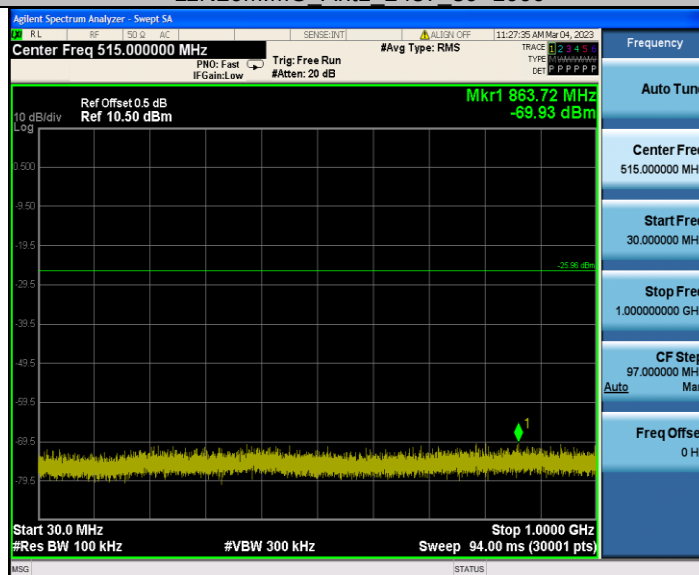
Fax: (86)755-27521011

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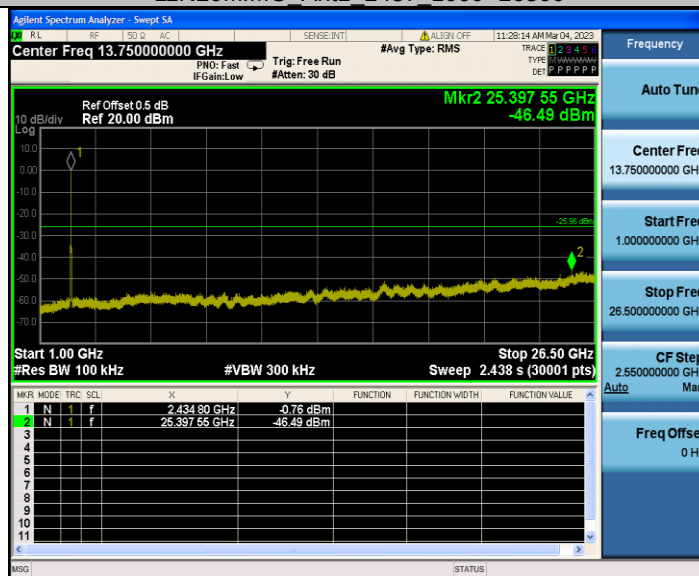
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11N20MIMO_Ant1_2437_30-1000



11N20MIMO_Ant1_2437_1000-26500



11N20MIMO_Ant2_2437_0-Reference

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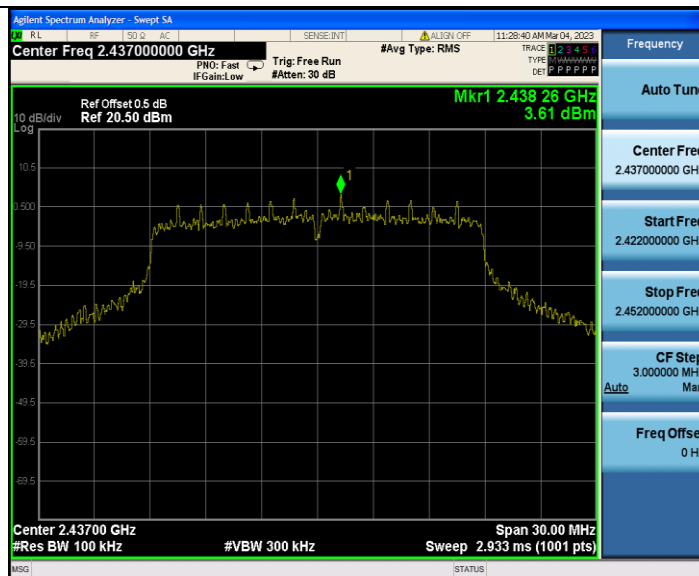
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Tel.: (86)755-27521059

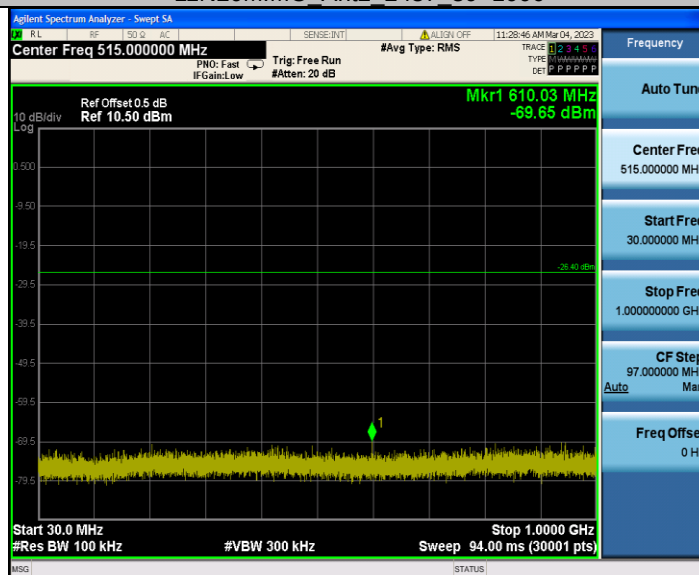
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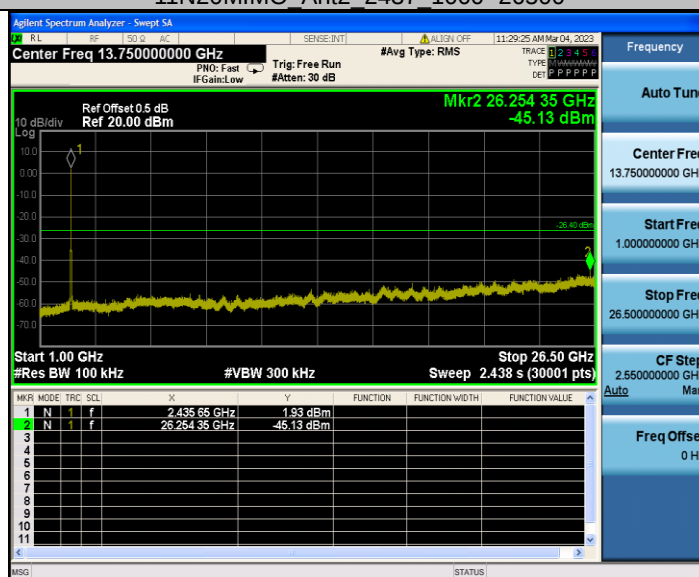
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11N20MIMO_Ant2_2437_30-1000



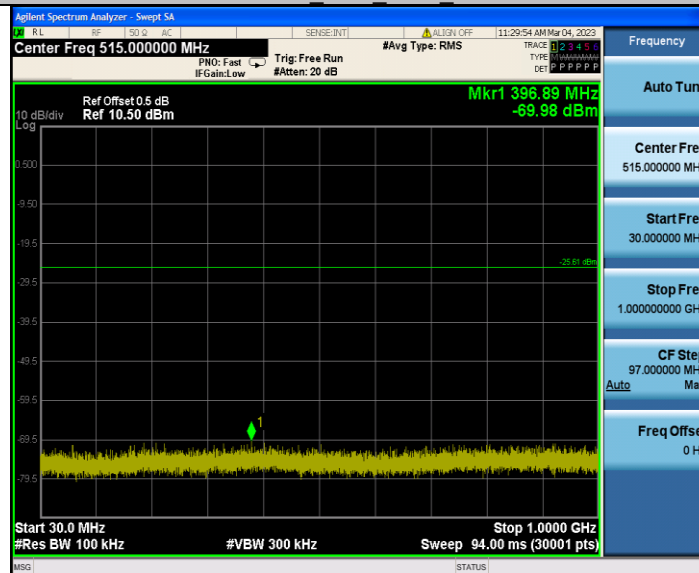
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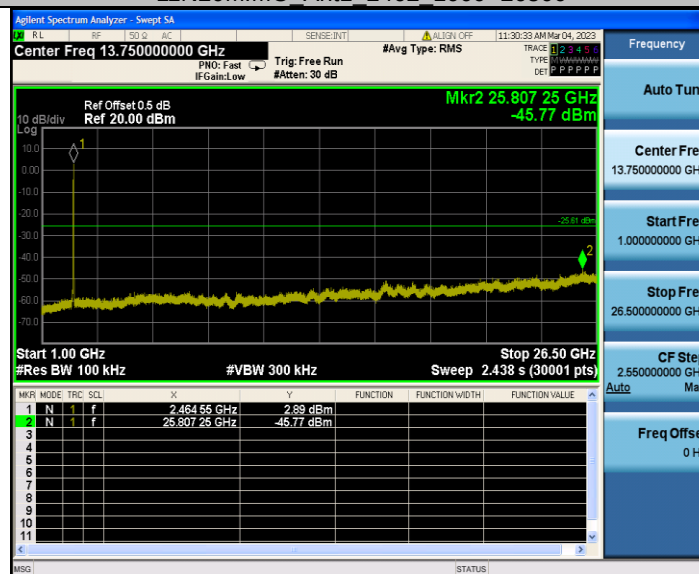
11N20MIMO_Ant1_2462_0-Reference



11N20MIMO_Ant1_2462_30-1000



11N20MIMO_Ant1_2462_1000-26500



11N20MIMO_Ant2_2462_0-Reference

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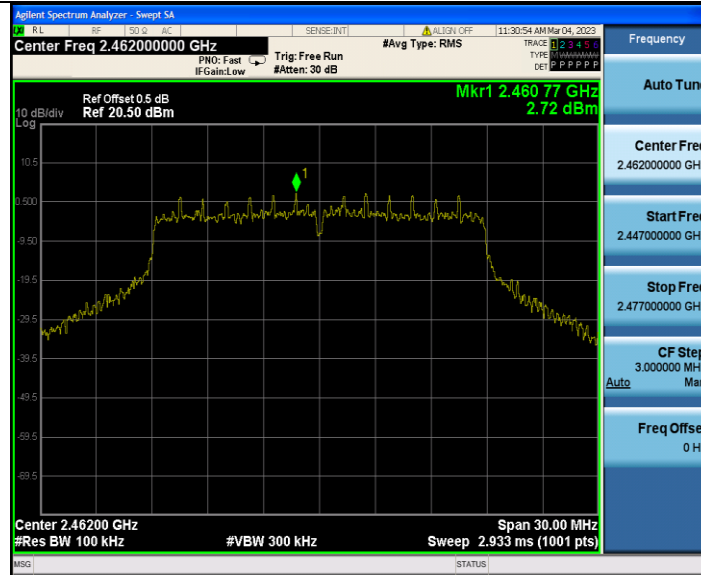
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Tel.: (86)755-27521059

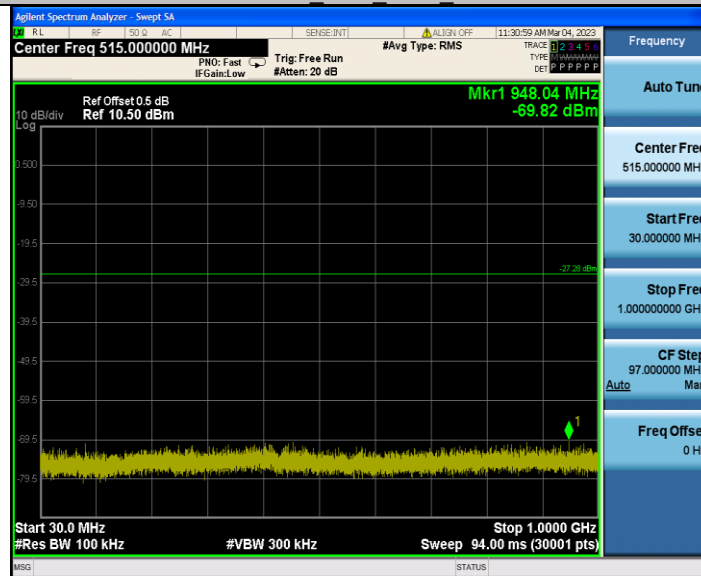
Fax: (86)755-27521011

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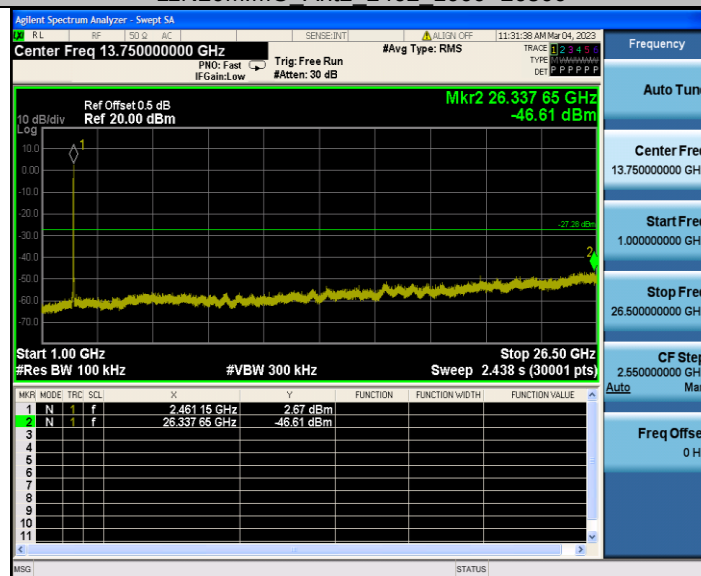
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11N20MIMO_Ant2_2462_30-1000



11N20MIMO_Ant2_2462_1000-26500



11N40MIMO_Ant1_2422_0-Reference

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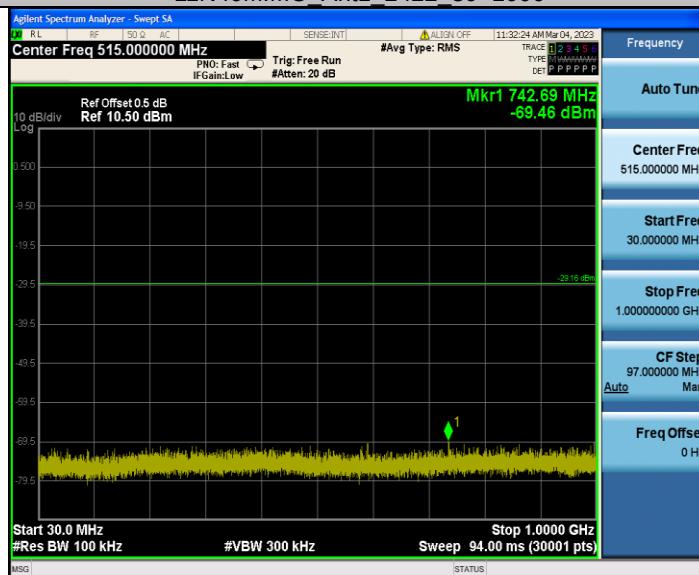
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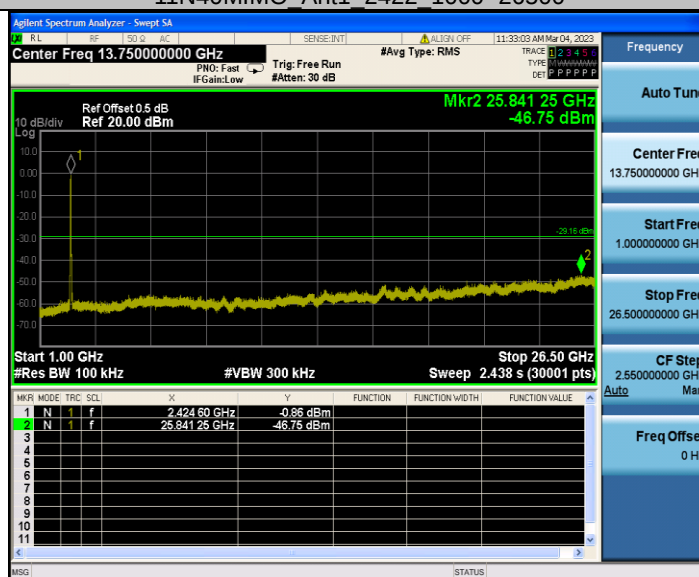
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11N40MIMO_Ant1_2422_30-1000



11N40MIMO_Ant1_2422_1000-26500



11N40MIMO_Ant2_2422_0-Reference

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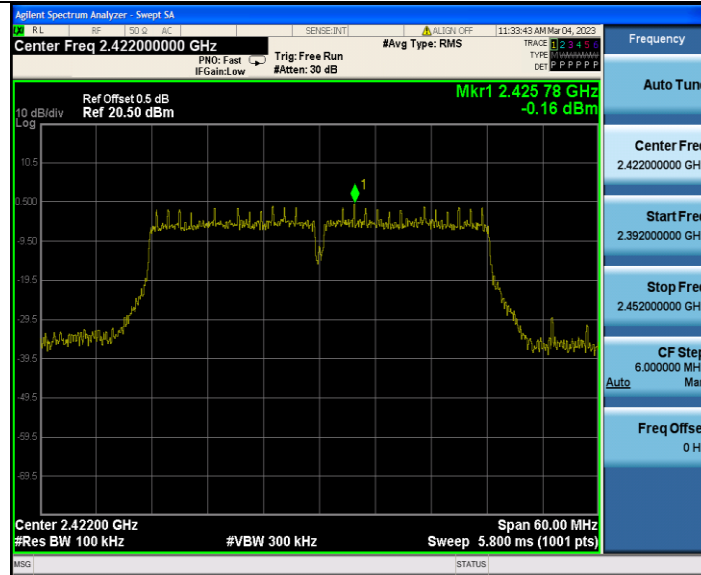
1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Shenzhen, Guangdong, China

Tel.: (86)755-27521059

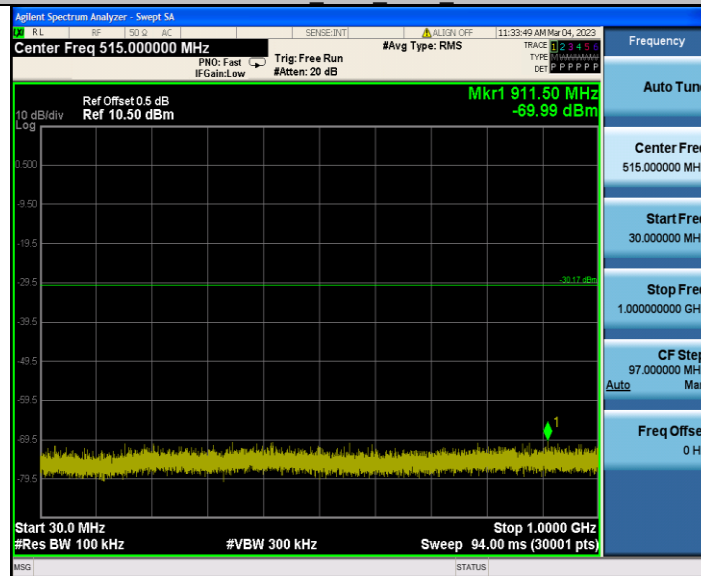
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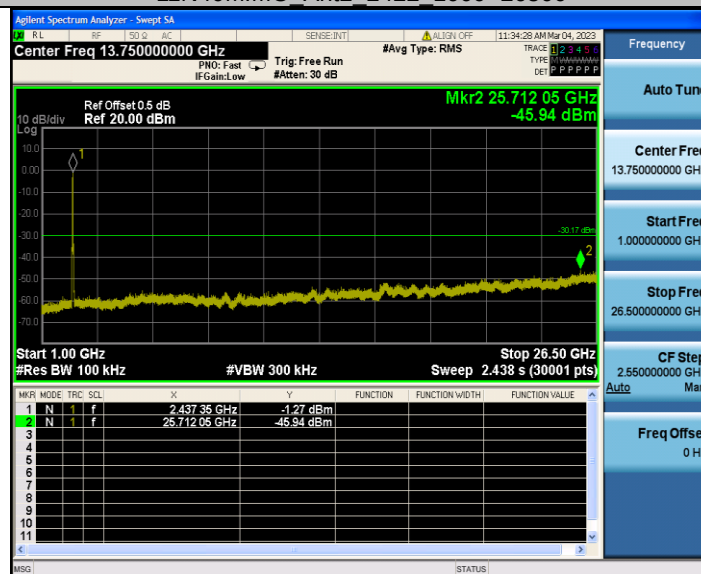
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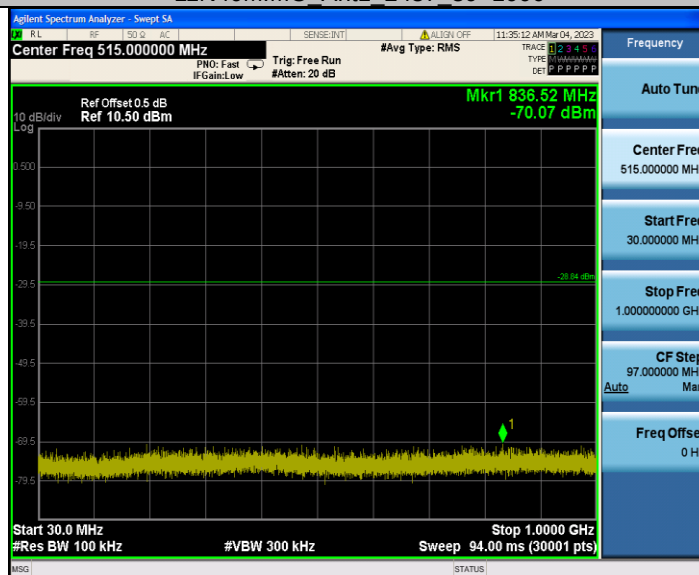
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11N40MIMO_Ant1_2437_0-Reference



11N40MIMO_Ant1_2437_30-1000



11N40MIMO_Ant1_2437_1000-26500



11N40MIMO_Ant2_2437_0-Reference

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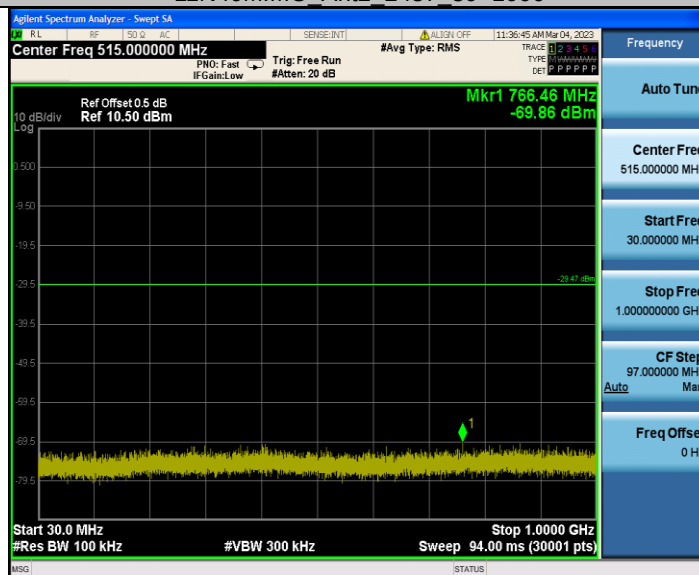
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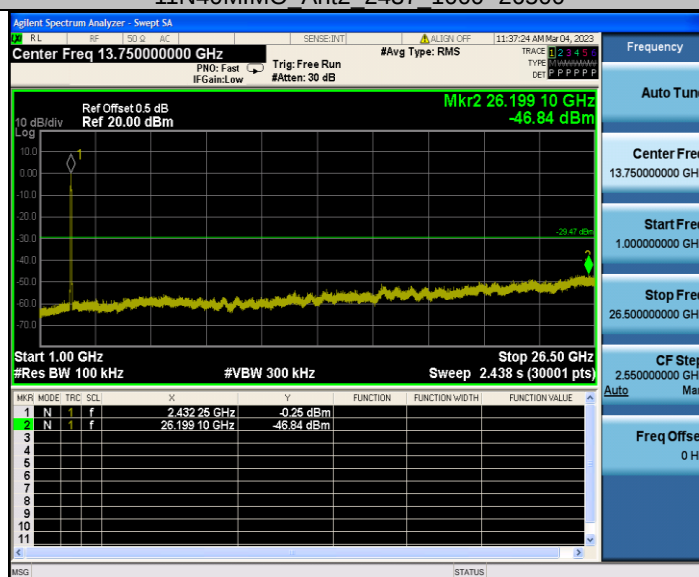
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11N40MIMO_Ant2_2437_30-1000



11N40MIMO_Ant2_2437_1000-26500



11N40MIMO_Ant1_2452_0-Reference

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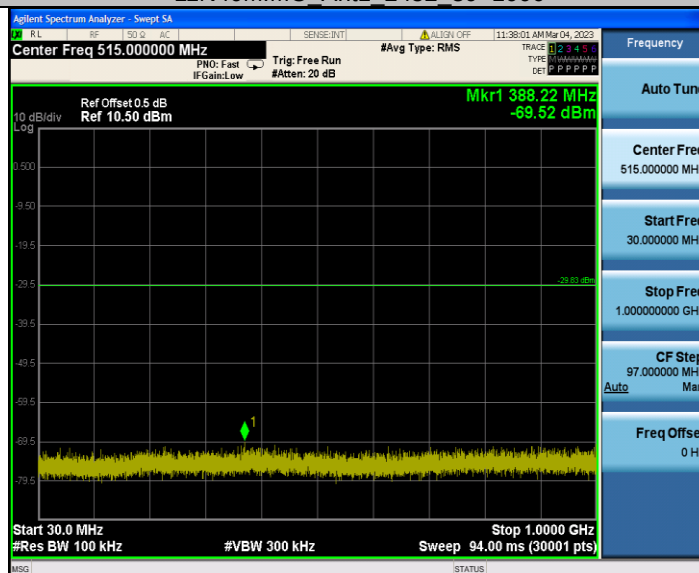
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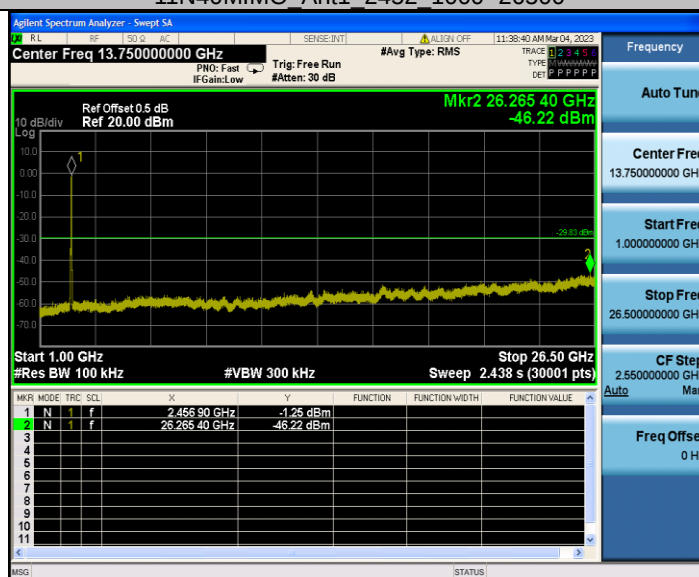
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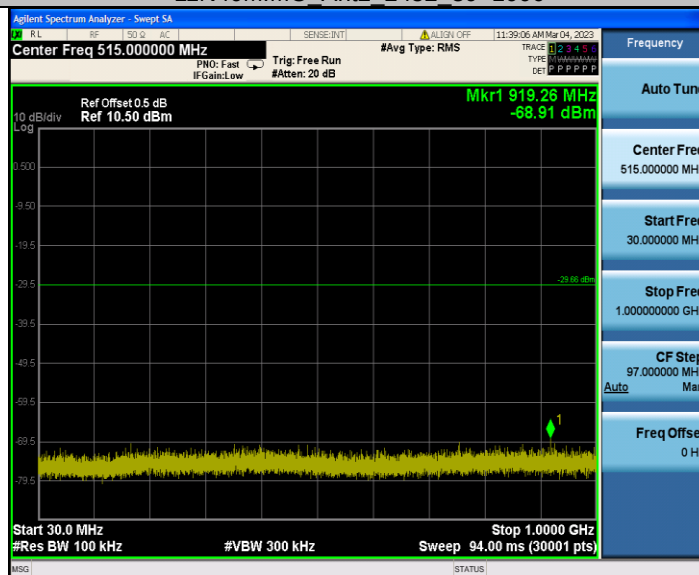
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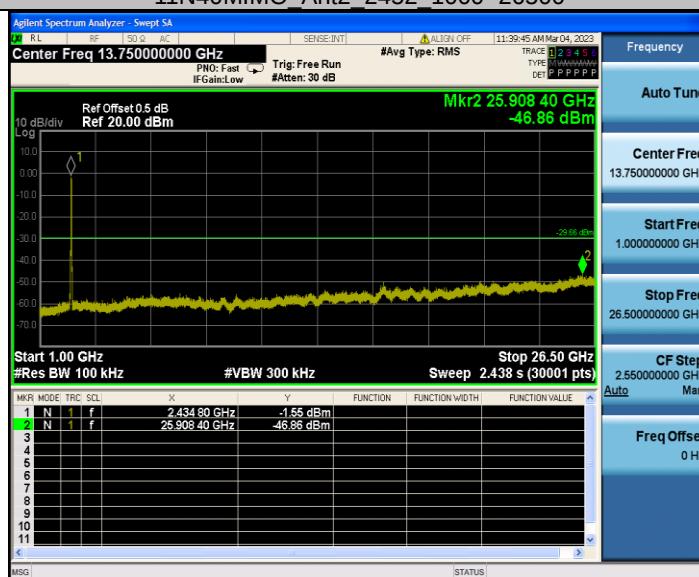
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11N40MIMO_Ant2_2452_30-1000



11N40MIMO_Ant2_2452_1000-26500





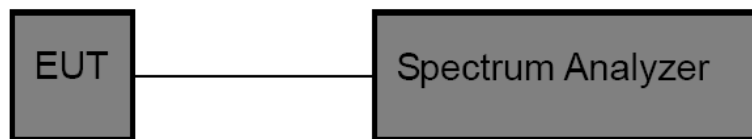
3.5. Bandwidth

Limit

FCC CFR Title 47 Part 15 Subpart C Section 15.247 (a)(2)/ RSS-247 5.2 a:

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

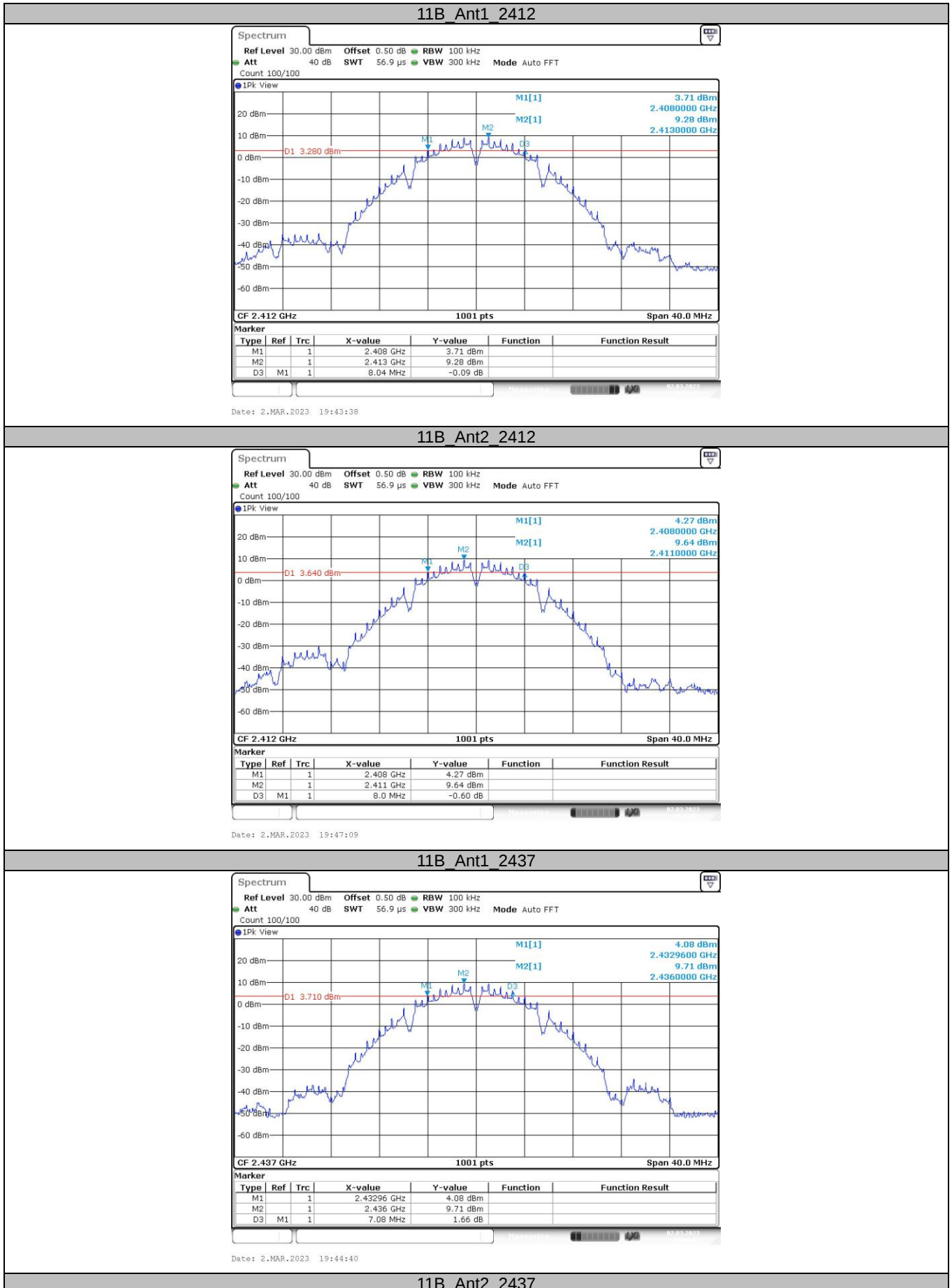
Please refer to the clause 2.4.

**Test Results**

Test Mode	Antenna	Frequency (MHz)	OCB [MHz]	DTS BW [MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.907	8.04	0.5	PASS
	Ant2	2412	12.707	8.00	0.5	PASS
	Ant1	2437	13.107	7.08	0.5	PASS
	Ant2	2437	13.666	8.04	0.5	PASS
	Ant1	2462	13.027	8.04	0.5	PASS
	Ant2	2462	12.867	8.04	0.5	PASS
11G	Ant1	2412	17.223	16.32	0.5	PASS
	Ant2	2412	16.983	15.28	0.5	PASS
	Ant1	2437	16.863	15.76	0.5	PASS
	Ant2	2437	17.063	15.12	0.5	PASS
	Ant1	2462	17.183	16.36	0.5	PASS
	Ant2	2462	17.143	16.32	0.5	PASS
11N20MIMO	Ant1	2412	18.176	16.92	0.5	PASS
	Ant2	2412	18.027	15.92	0.5	PASS
	Ant1	2437	17.956	16.04	0.5	PASS
	Ant2	2437	17.983	15.08	0.5	PASS
	Ant1	2462	18.021	15.08	0.5	PASS
	Ant2	2462	18.061	16.04	0.5	PASS
11N40MIMO	Ant1	2422	36.256	35.12	0.5	PASS
	Ant2	2422	36.533	36.32	0.5	PASS
	Ant1	2437	36.237	35.04	0.5	PASS
	Ant2	2437	36.202	35.04	0.5	PASS
	Ant1	2452	36.626	36.32	0.5	PASS
	Ant2	2452	36.315	35.12	0.5	PASS



DTS Bandwidth:



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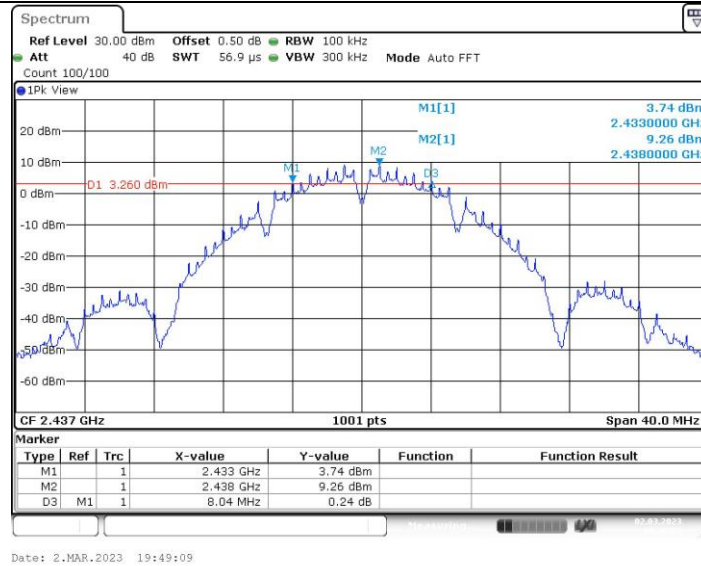
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Fax: (86)755-27521011

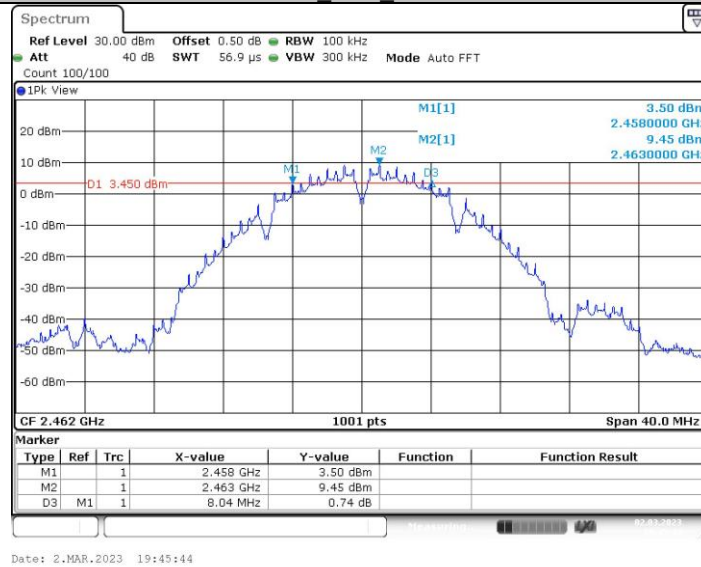
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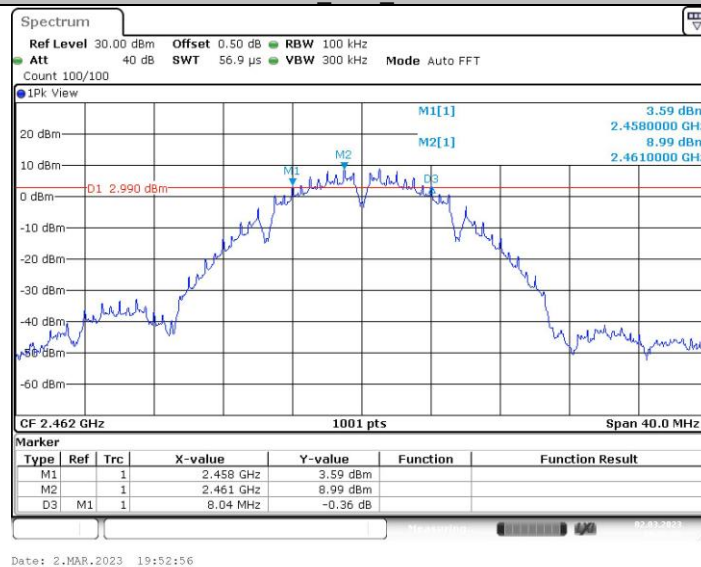
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11B_Ant1_2462



11B_Ant2_2462



11G_Ant1_2412

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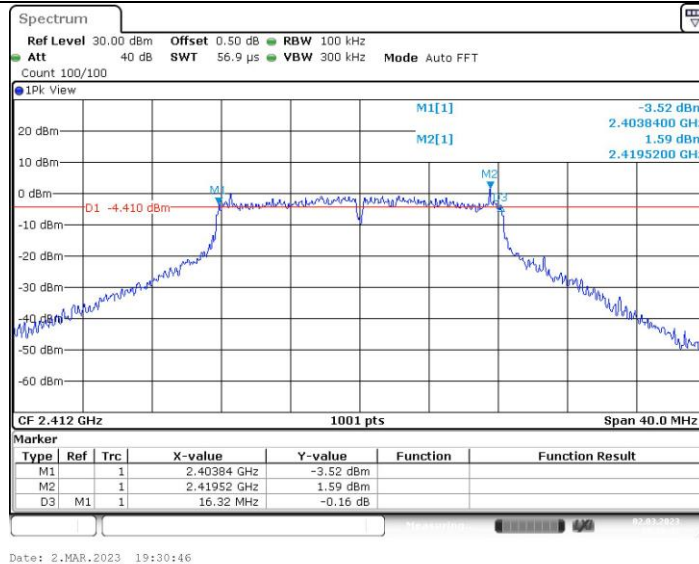
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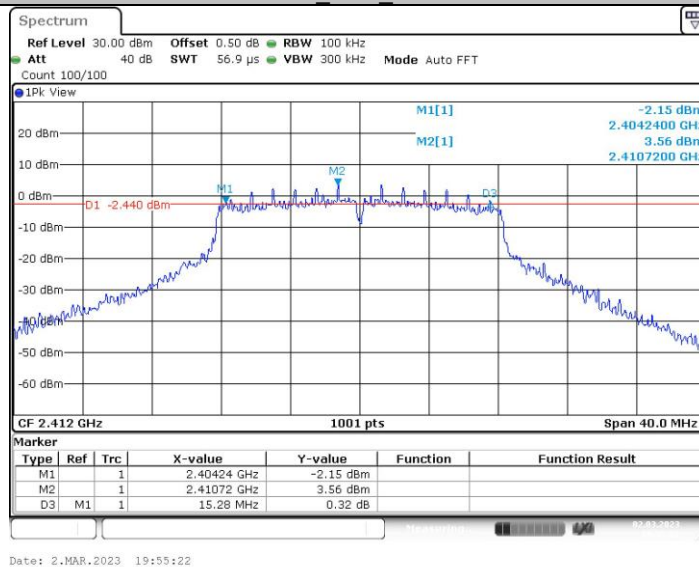
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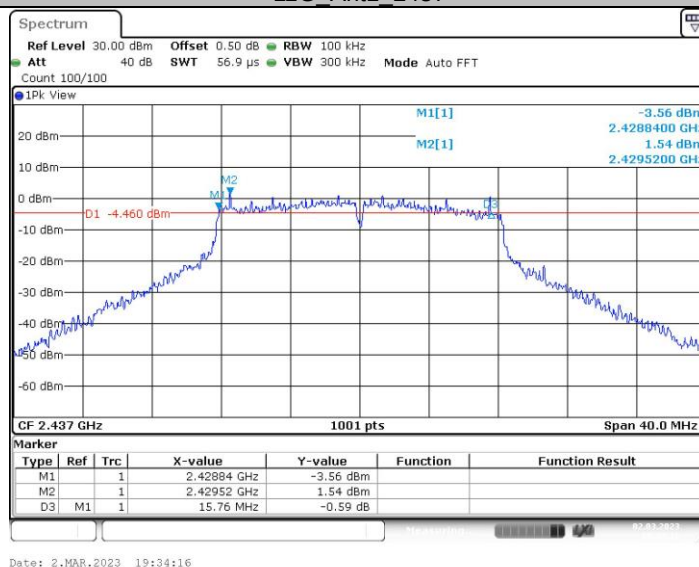
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11G_Ant2_2412



11G_Ant1_2437



11G_Ant2_2437

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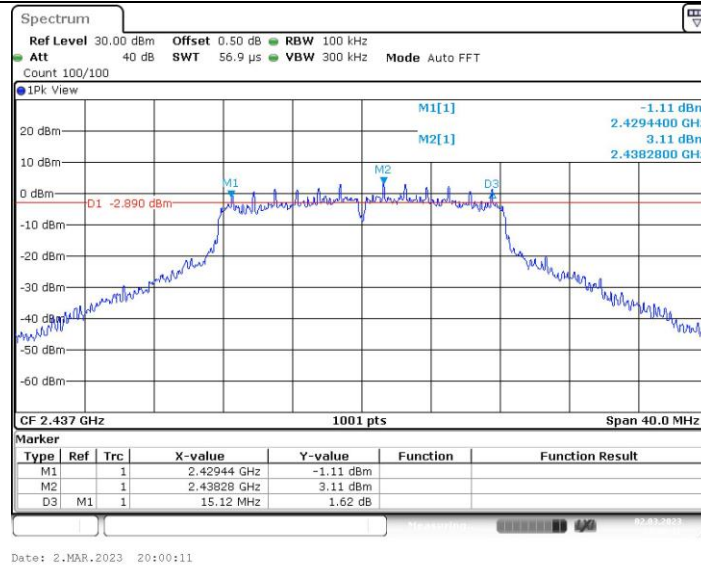
Tel.: (86)755-27521059

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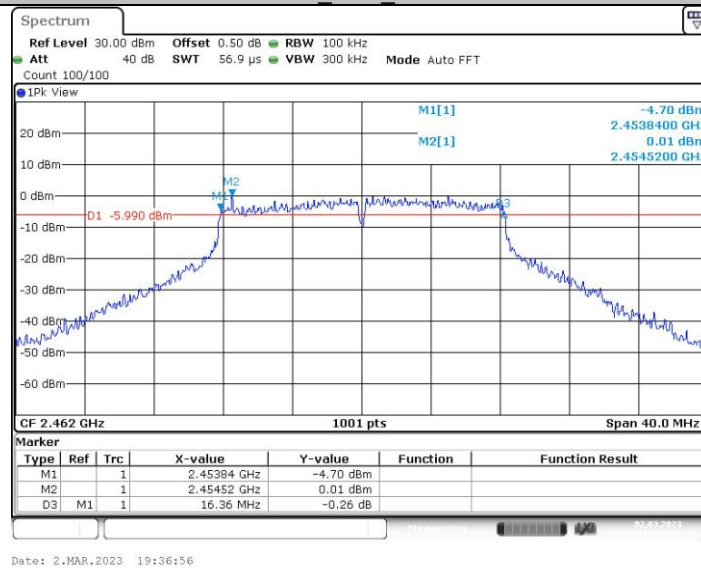
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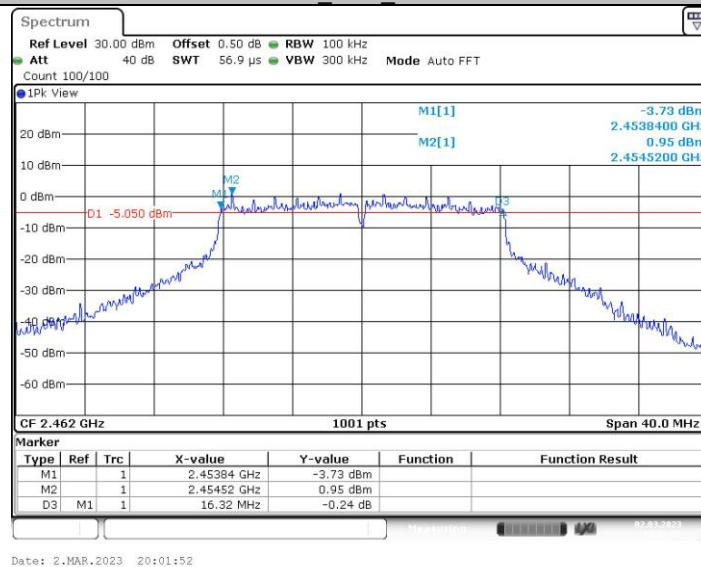
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11G_Ant1_2462



11G_Ant2_2462



11N20MIMO_Ant1_2412

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11N20MIMO_Ant2_2412



11N20MIMO_Ant1_2437



11N20MIMO_Ant2_2437

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11N20MIMO_Ant1_2462



11N20MIMO_Ant2_2462



11N40MIMO_Ant1_2422

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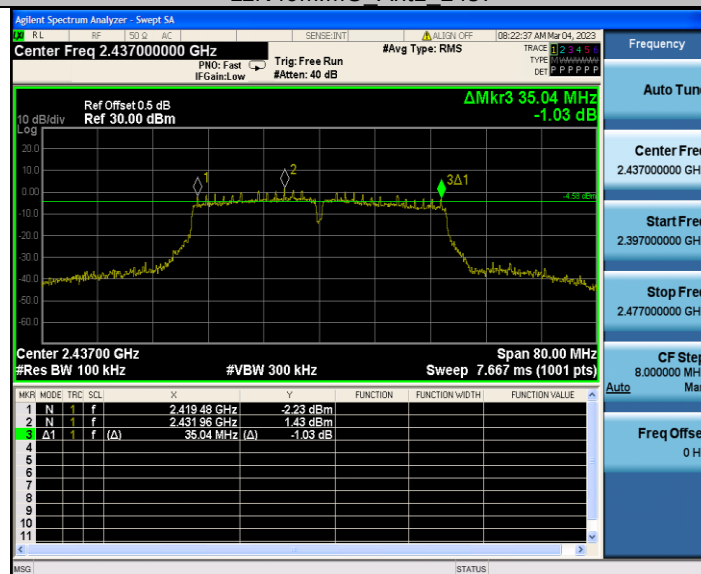
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11N40MIMO_Ant2_2422



11N40MIMO_Ant1_2437



11N40MIMO_Ant2_2437

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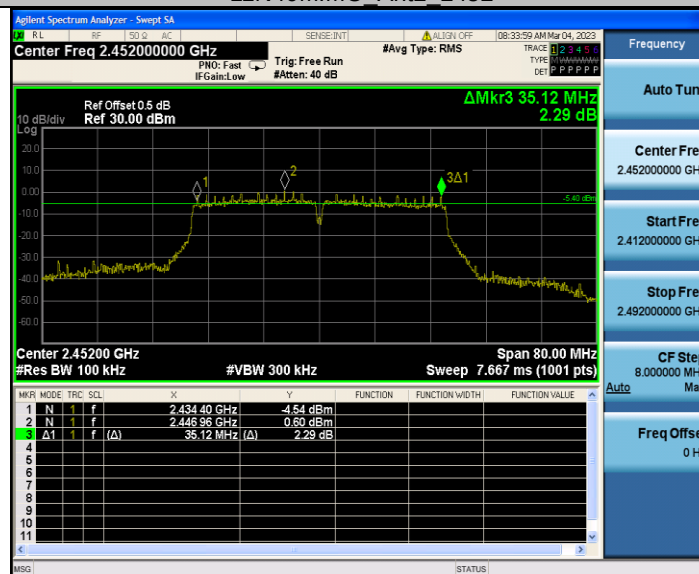
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