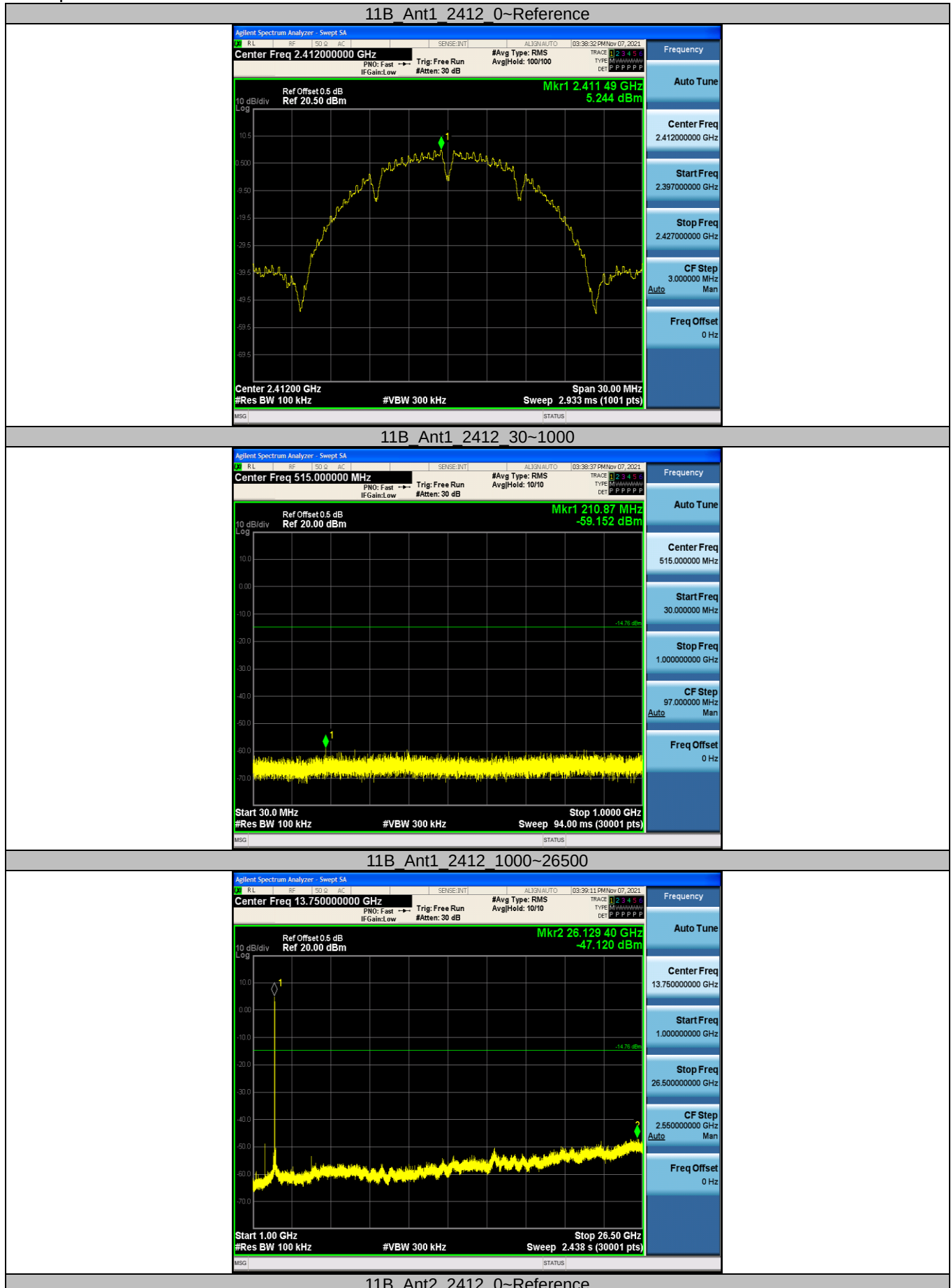




			1000~26500	2.49	-46.18	<=-17.51	PASS
11N40MIMO	Ant1	2422	Reference	-2.10	-2.10	---	PASS
			30~1000	-2.10	-59.73	<=-22.10	PASS
			1000~26500	-2.10	-46.51	<=-22.10	PASS
	Ant2	2422	Reference	-1.81	-1.81	---	PASS
			30~1000	-1.81	-57.24	<=-21.81	PASS
			1000~26500	-1.81	-46.02	<=-21.81	PASS
	Ant1	2437	Reference	-2.07	-2.07	---	PASS
			30~1000	-2.07	-60.07	<=-22.07	PASS
			1000~26500	-2.07	-46.22	<=-22.07	PASS
	Ant2	2437	Reference	-1.81	-1.81	---	PASS
			30~1000	-1.81	-60.10	<=-21.81	PASS
			1000~26500	-1.81	-46.25	<=-21.81	PASS
	Ant1	2452	Reference	-1.95	-1.95	---	PASS
			30~1000	-1.95	-59.34	<=-21.95	PASS
			1000~26500	-1.95	-46.60	<=-21.95	PASS
	Ant2	2452	Reference	-1.90	-1.90	---	PASS
			30~1000	-1.90	-58.76	<=-21.90	PASS
			1000~26500	-1.90	-46.03	<=-21.90	PASS



Test plot as follows:



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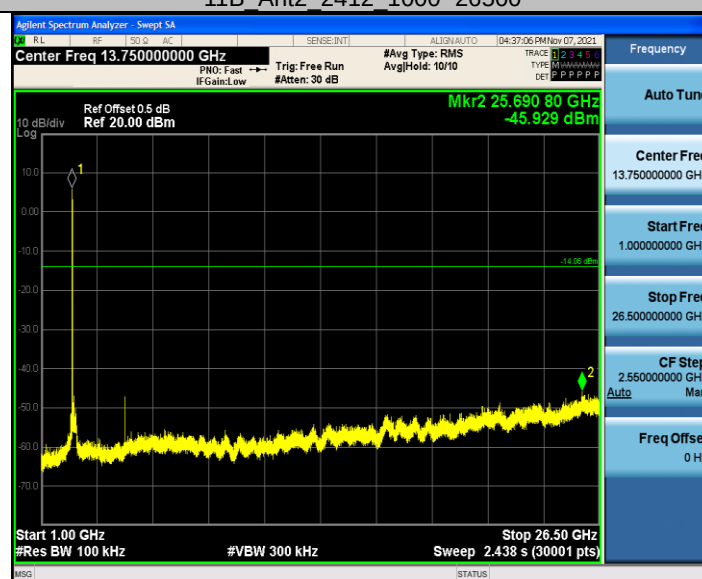
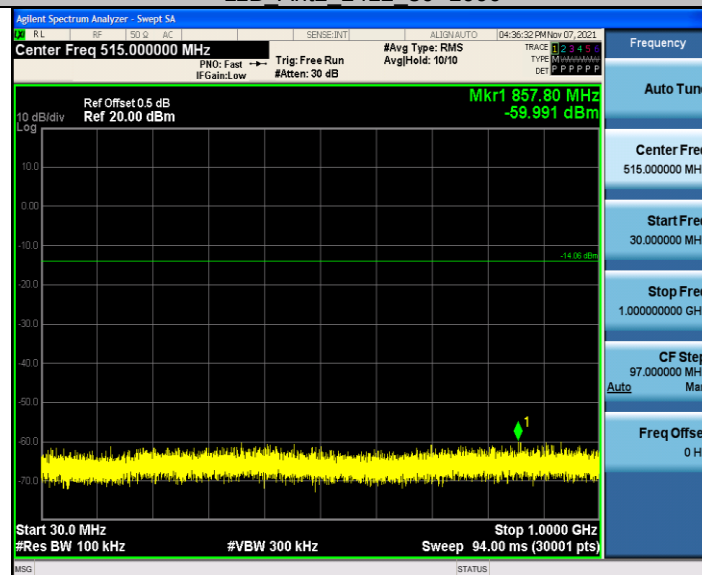
1-2/F, Building 2, Jiaquan Building, Guanlan High-Tech Park, Shenzhen, Guangdong, China

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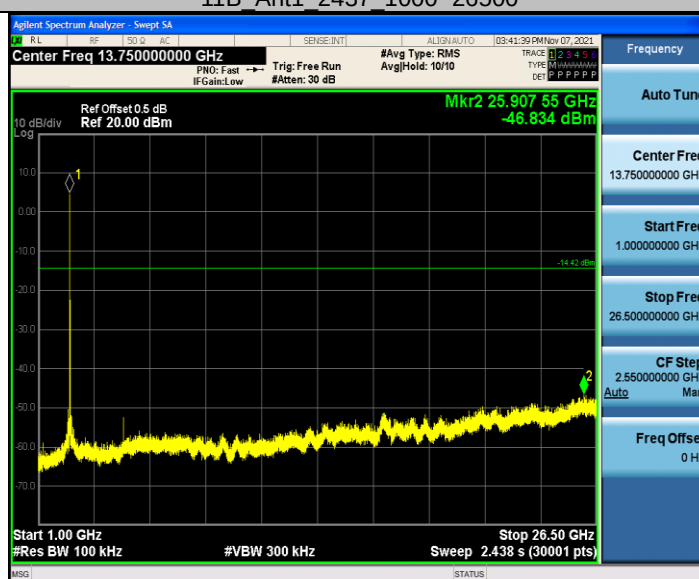
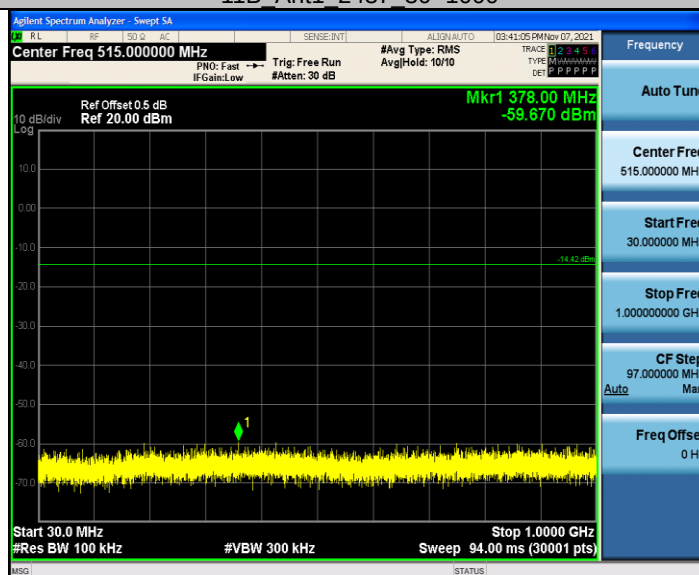
1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Shenzhen, Guangdong, China

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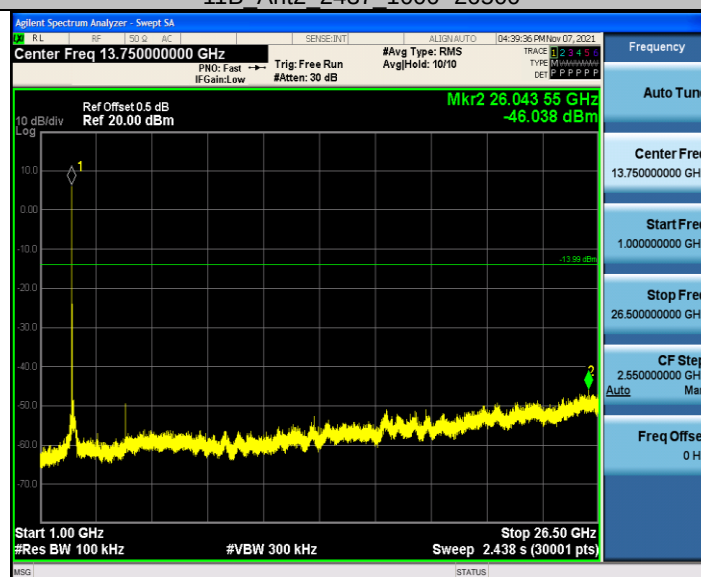
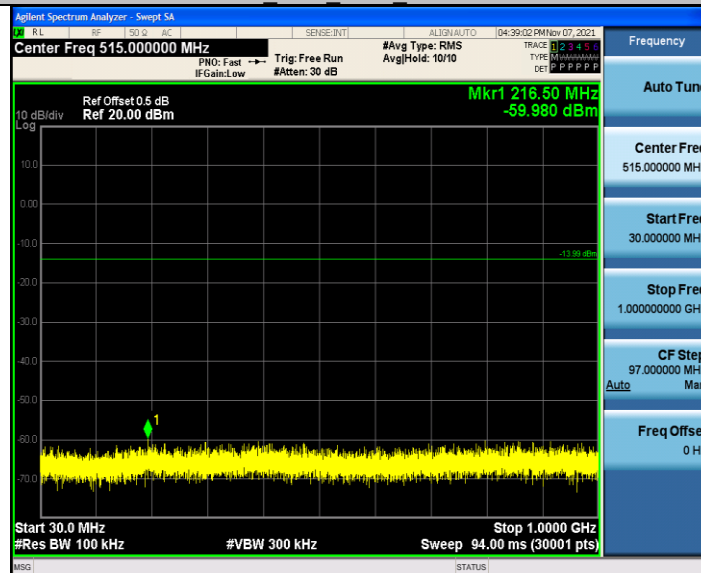
1-2/F, Building 2, Jiaquan Building, Guanlan High-Tech Park, Shenzhen, Guangdong, China

Tel.: (86)755-27521059

Fax: (86)755-27521011

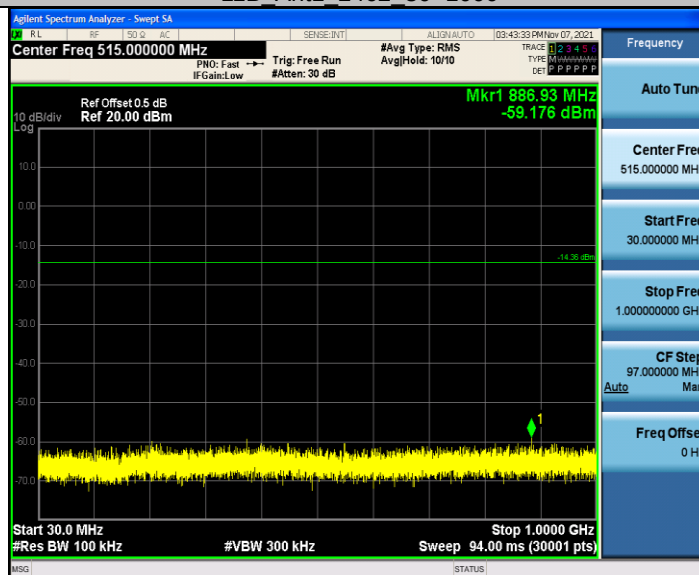
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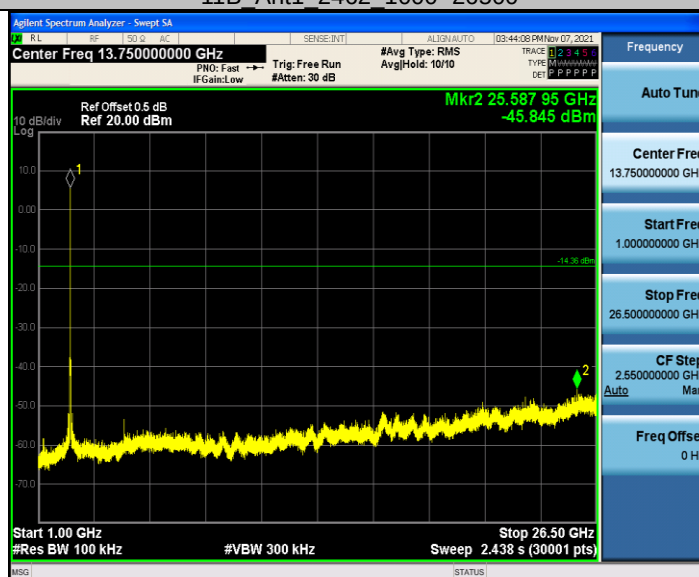




11B_Ant1_2462_30~1000



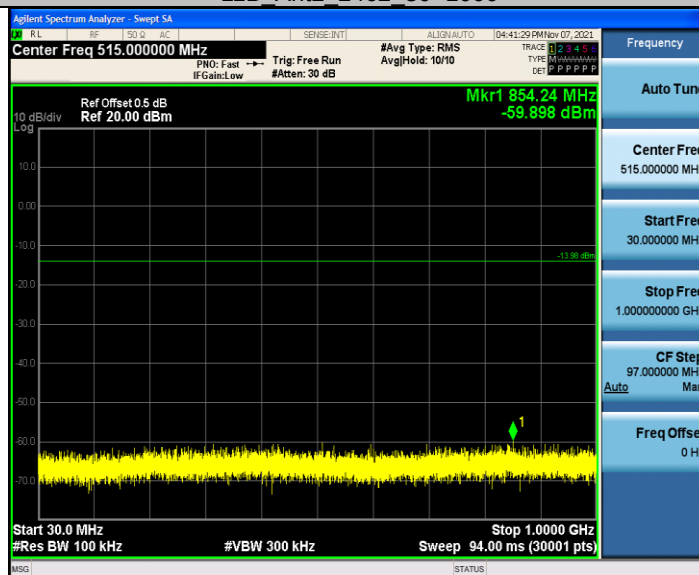
11B_Ant1_2462_1000~26500



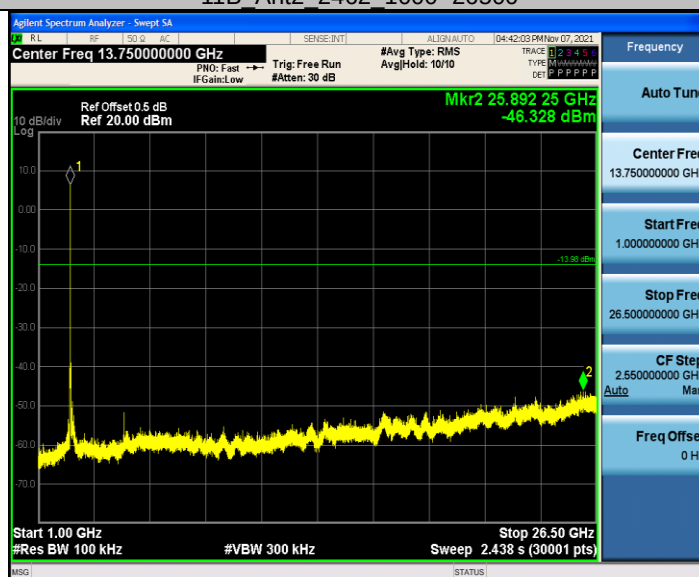
11B_Ant2_2462_0~Reference



11B Ant2 2462 30~1000



11B Ant2 2462 1000~26500



11G Ant1 2412 0~Reference

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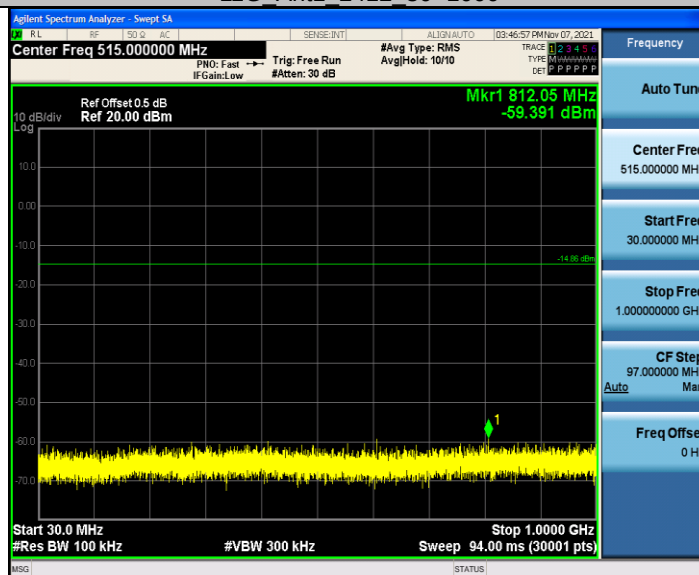
Fax: (86)755-27521011

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

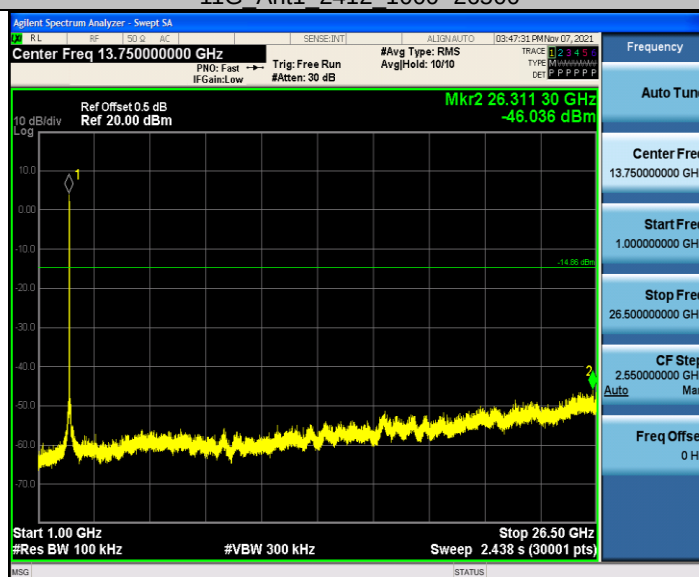
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11G_Ant1_2412_30~1000



11G_Ant1_2412_1000~26500



11G_Ant2_2412_0~Reference

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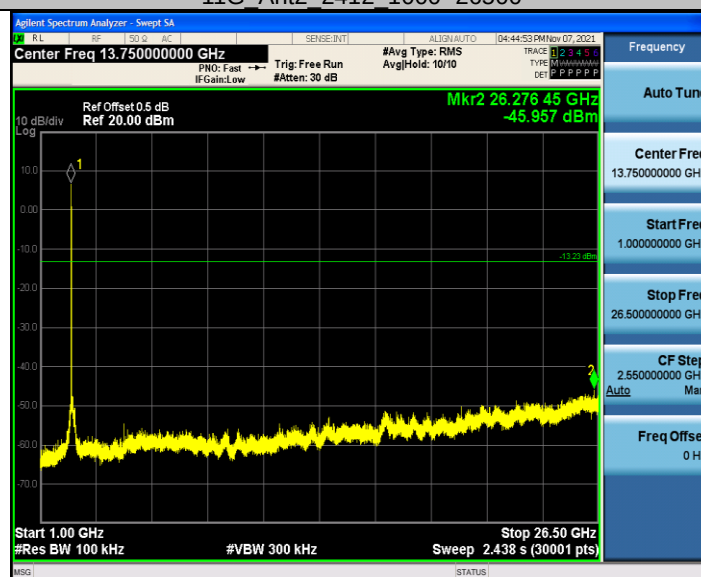
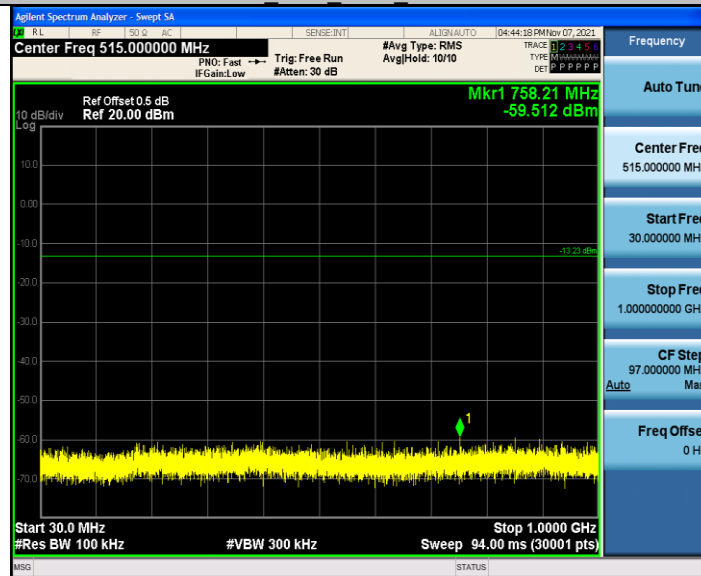
1-2/F, Building 2, Jiaquan Building, Guanlan High-Tech Park, Shenzhen, Guangdong, China

Tel.: (86)755-27521059

Fax: (86)755-27521011

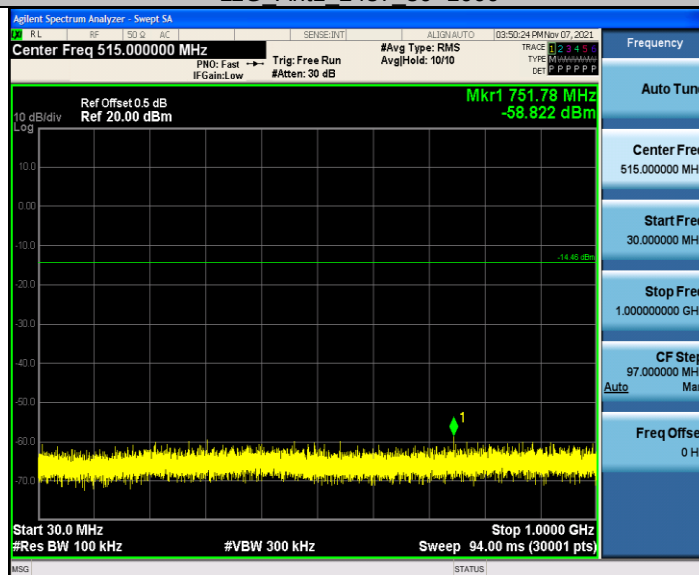
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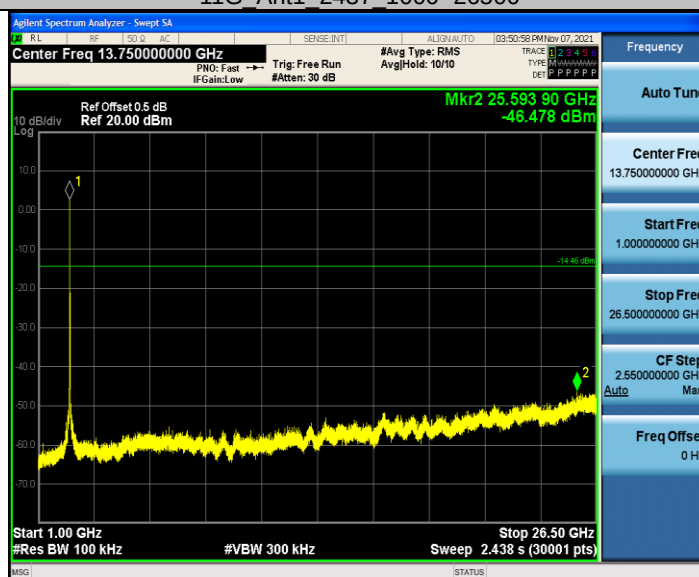




11G Ant1 2437 30~1000



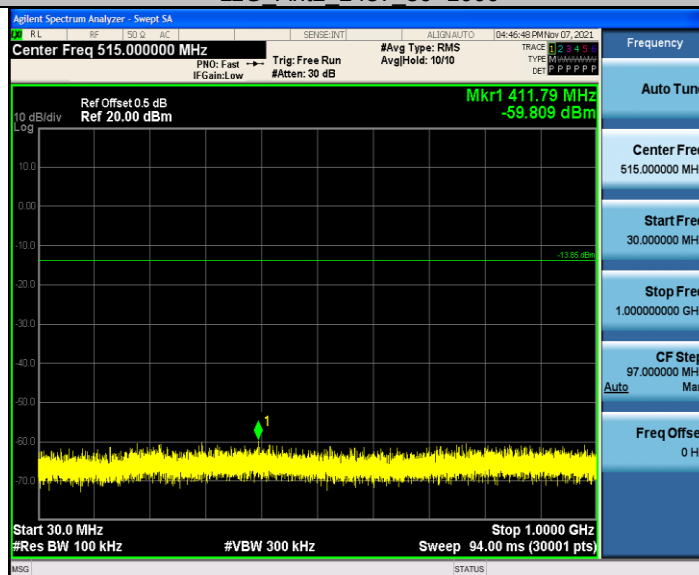
11G Ant1 2437 1000~26500



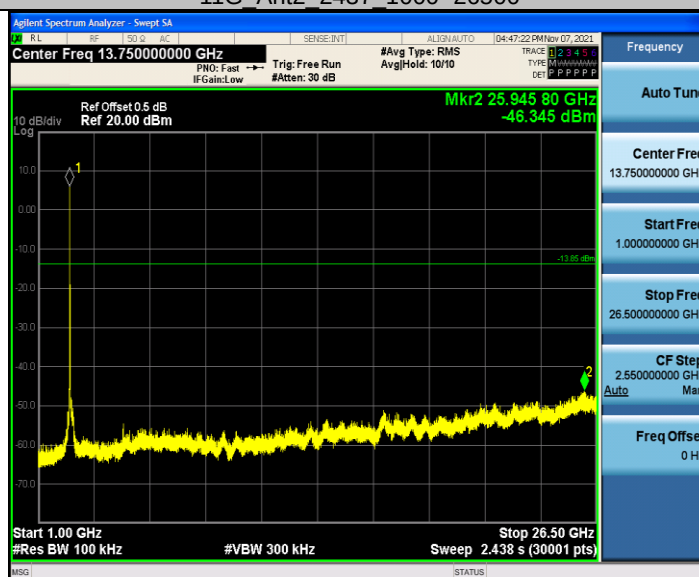
11G Ant2 2437 0~Reference



11G_Ant2_2437_30~1000



11G_Ant2_2437_1000~26500



11G_Ant1_2462_0~Reference

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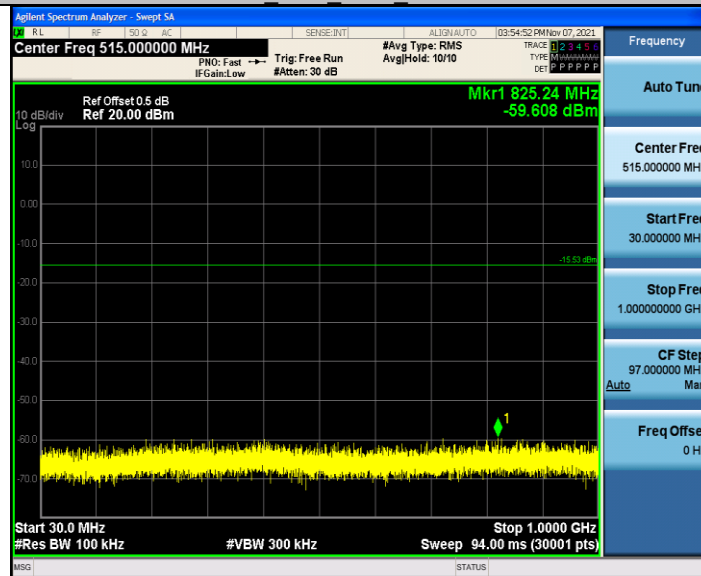
Fax: (86)755-27521011

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

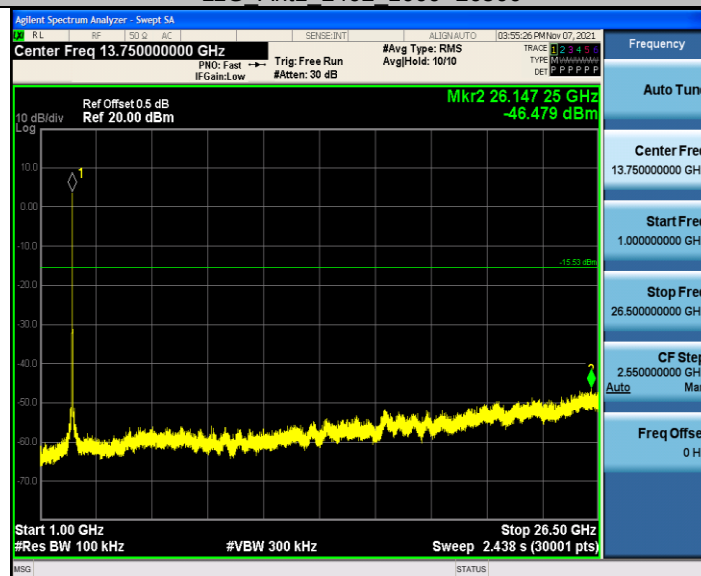
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11G_Ant1_2462_30~1000



11G_Ant1_2462_1000~26500



11G_Ant2_2462_0~Reference

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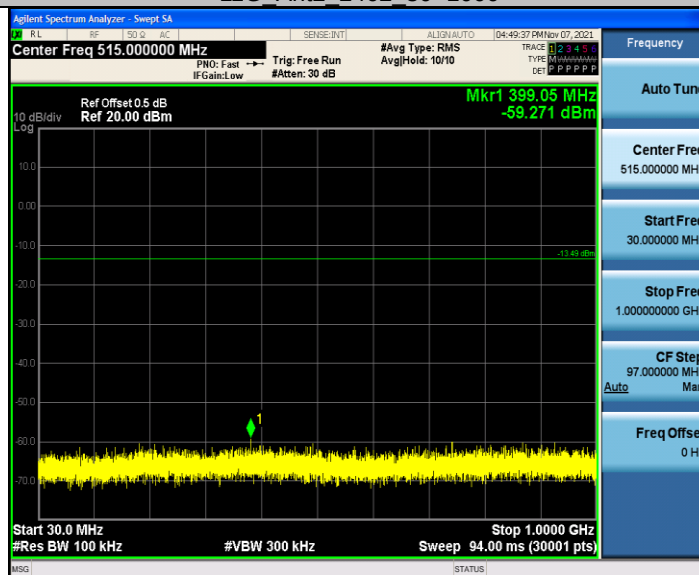
Fax: (86)755-27521011

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

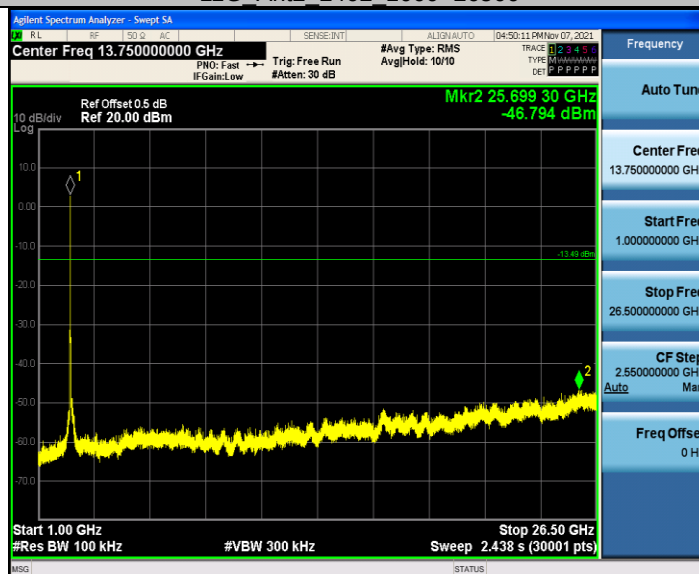
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11G_Ant2_2462_30~1000



11G_Ant2_2462_1000~26500



11N20MIMO_Ant1_2412_0~Reference

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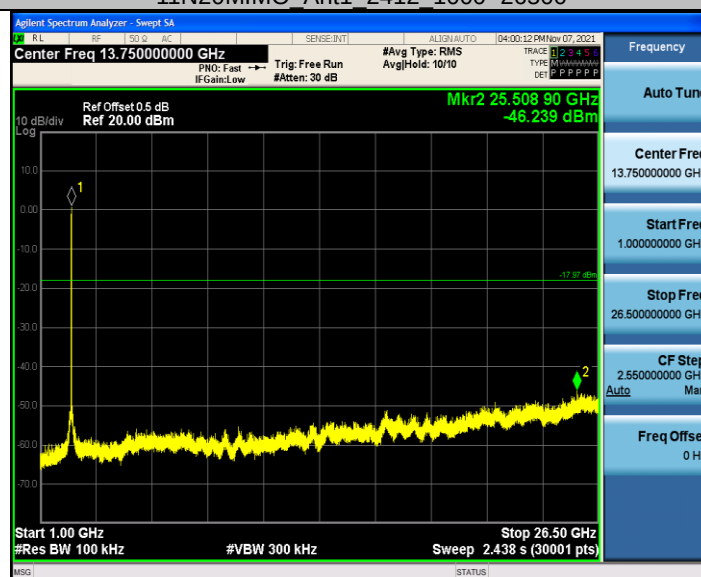
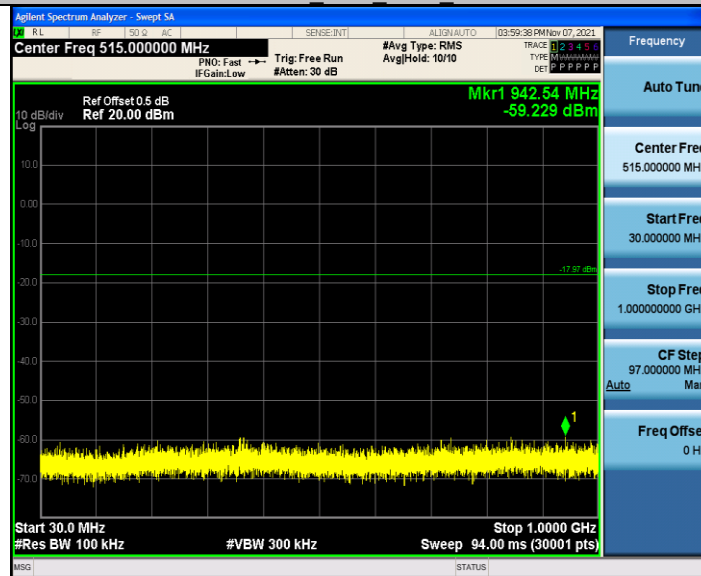
1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Shenzhen, Guangdong, China

Tel.: (86)755-27521059

Fax: (86)755-27521011

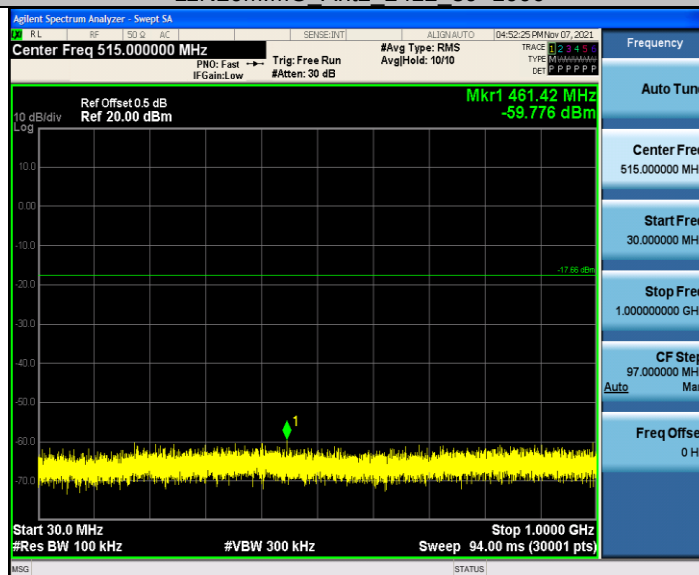
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For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : yz.cnca.cn

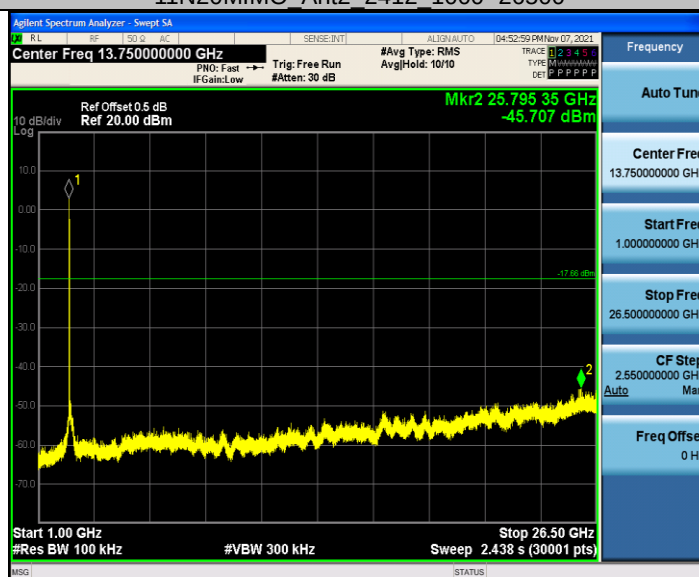




11N20MIMO_Ant2_2412_30~1000



11N20MIMO_Ant2_2412_1000~26500



11N20MIMO_Ant1_2437_0~Reference

CTC Laboratories, Inc.

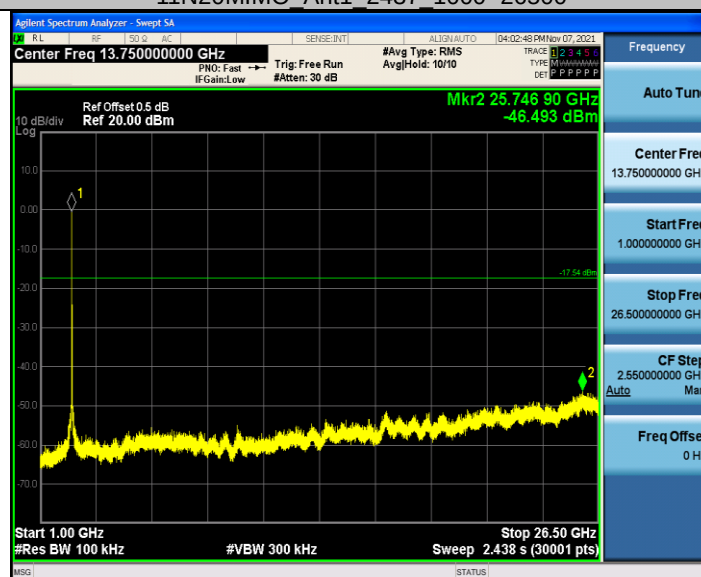
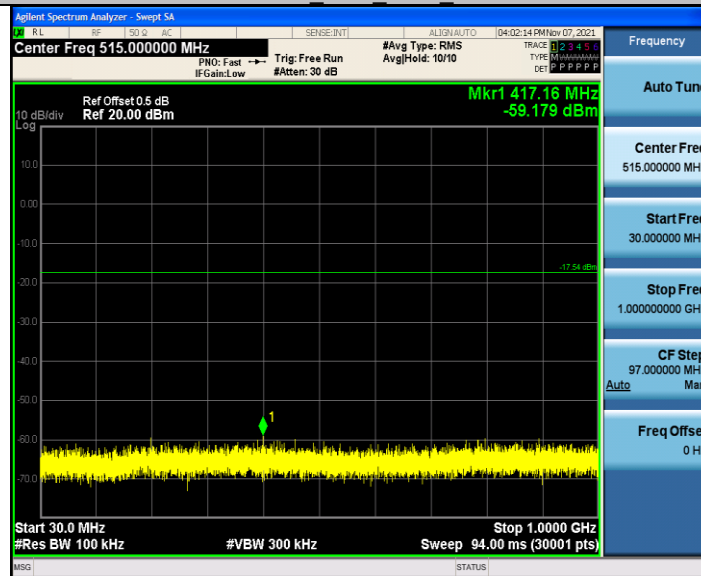
1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Shenzhen, Guangdong, China

Tel.: (86)755-27521059

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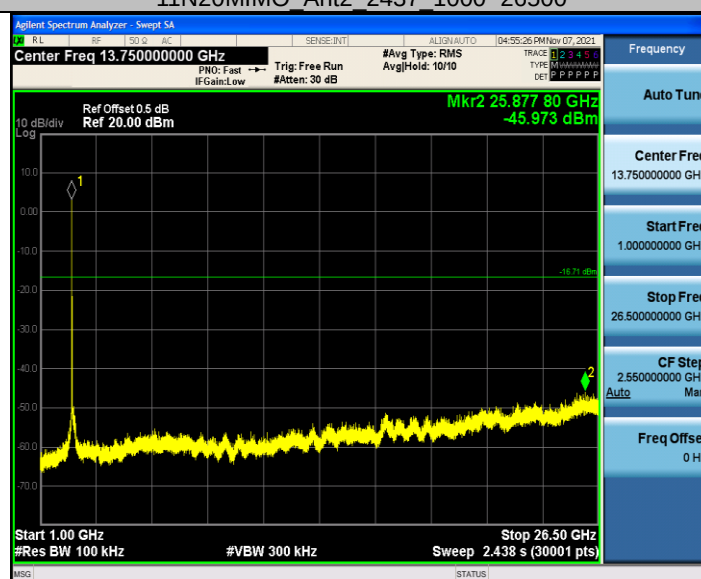
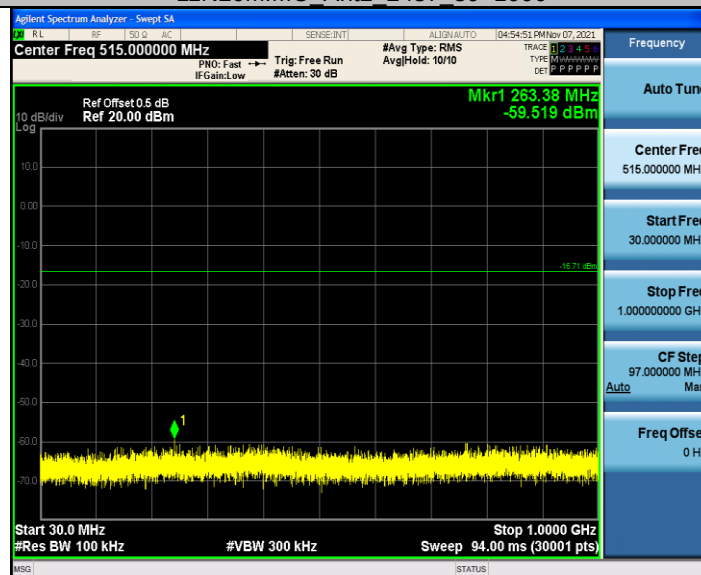
1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Shenzhen, Guangdong, China

Tel.: (86)755-27521059

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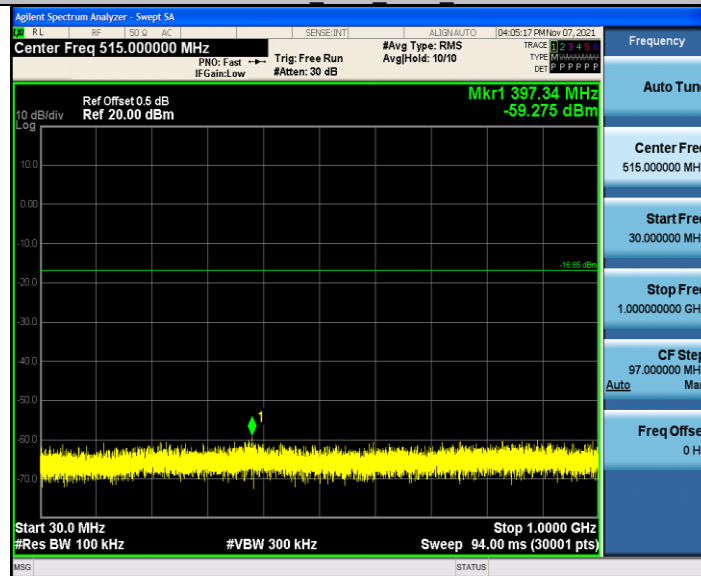
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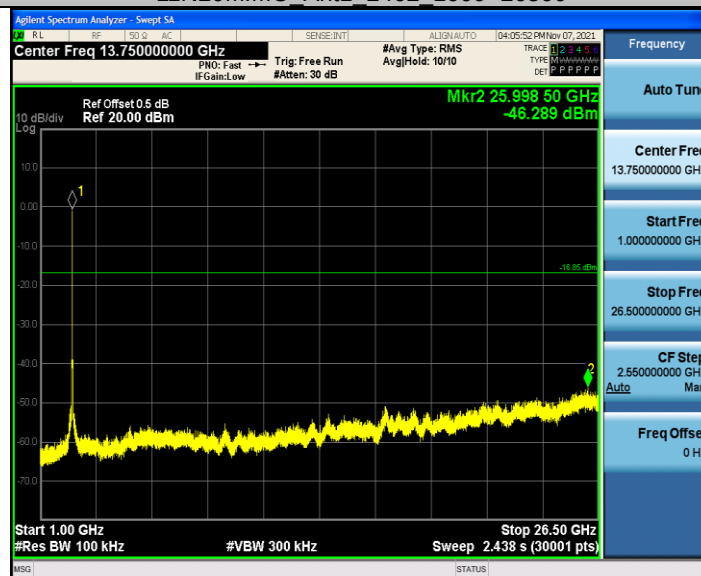




11N20MIMO_Ant1_2462_30~1000



11N20MIMO_Ant1_2462_1000~26500



11N20MIMO_Ant2_2462_0~Reference

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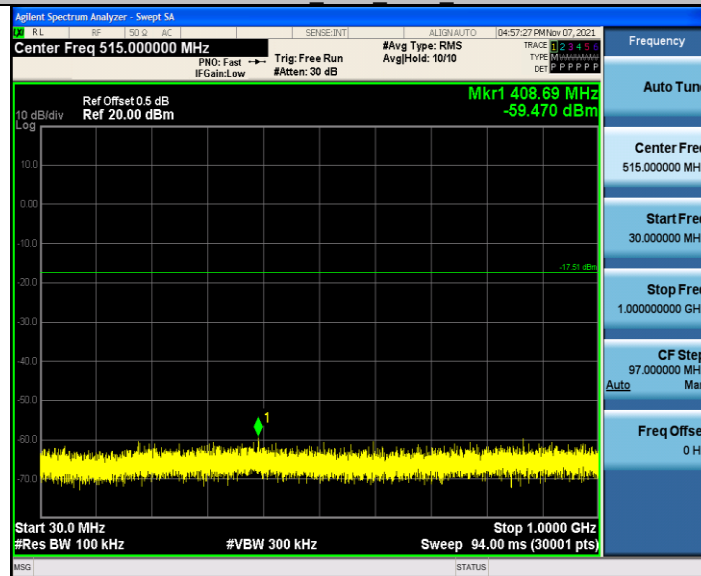
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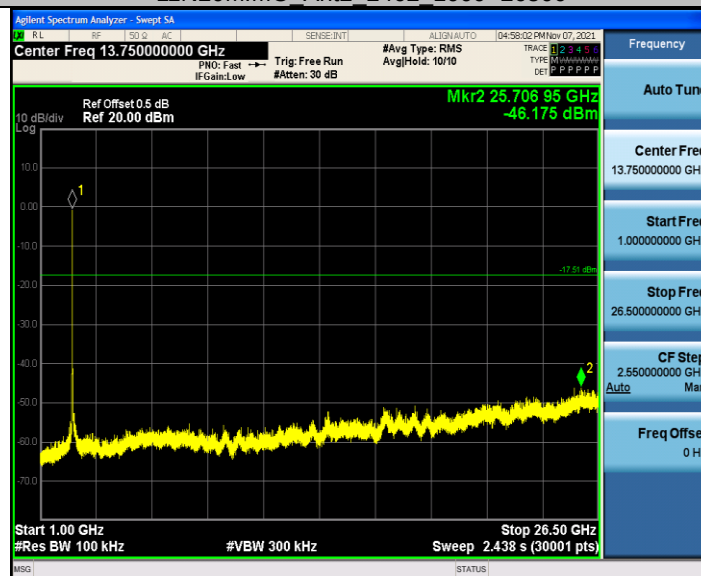
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11N20MIMO_Ant2_2462_30~1000



11N20MIMO_Ant2_2462_1000~26500



11N40MIMO_Ant1_2422_0~Reference

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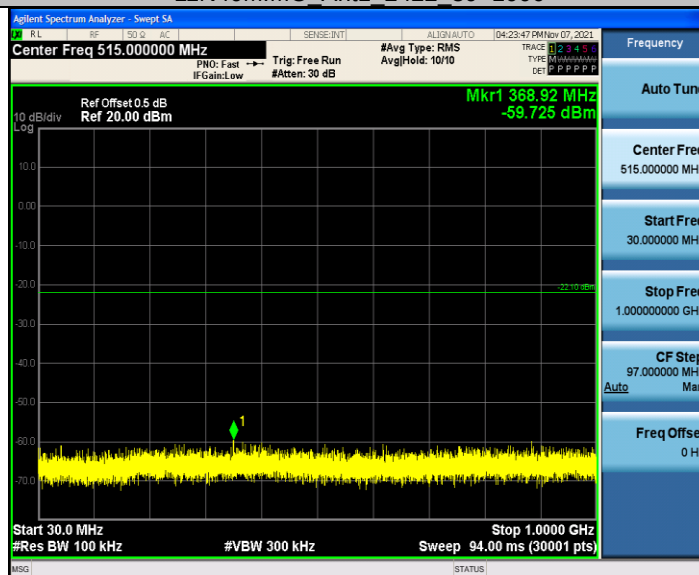
Fax: (86)755-27521011

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

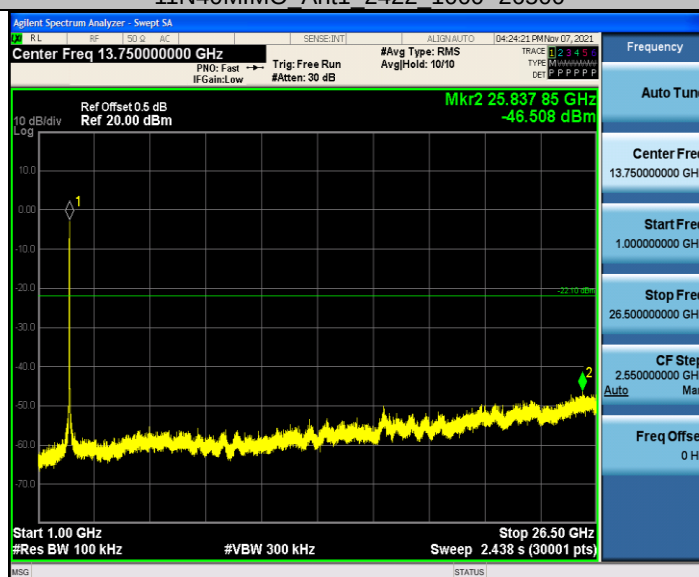
For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : yz.cnca.cn



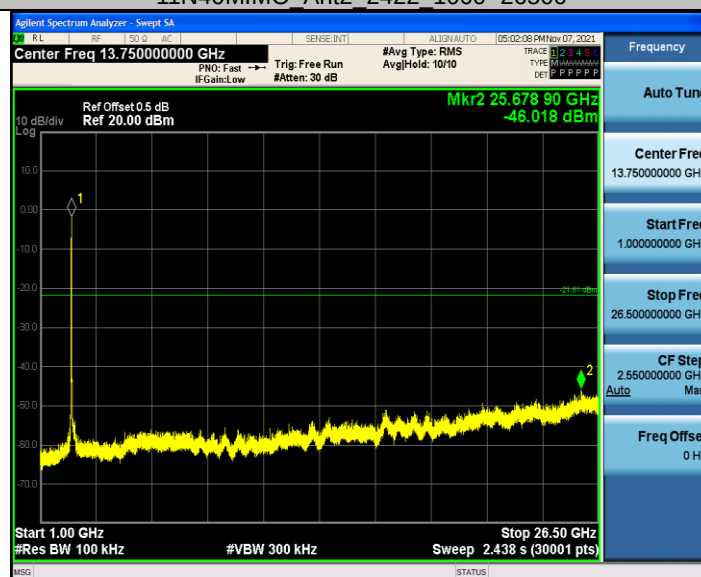
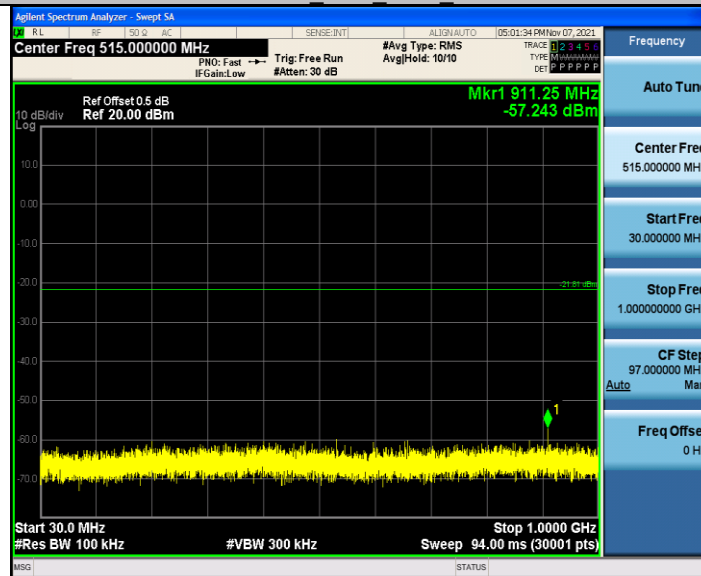
11N40MIMO_Ant1_2422_30~1000



11N40MIMO_Ant1_2422_1000~26500



11N40MIMO_Ant2_2422_0~Reference



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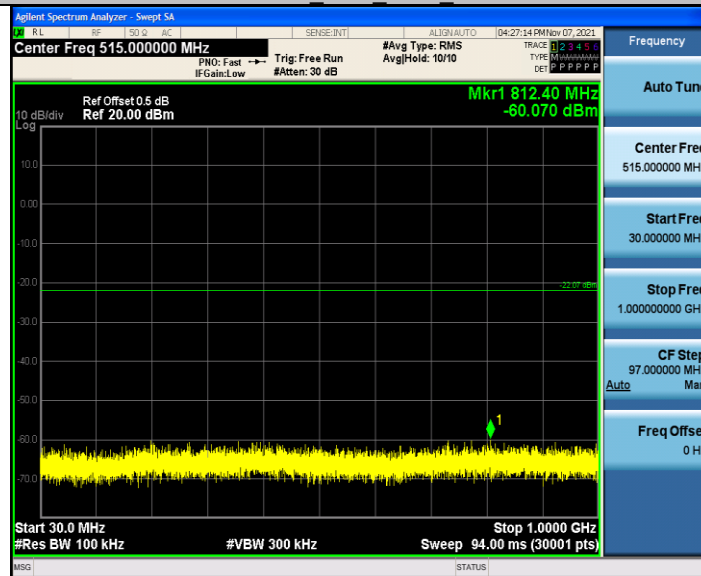
Fax: (86)755-27521011

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

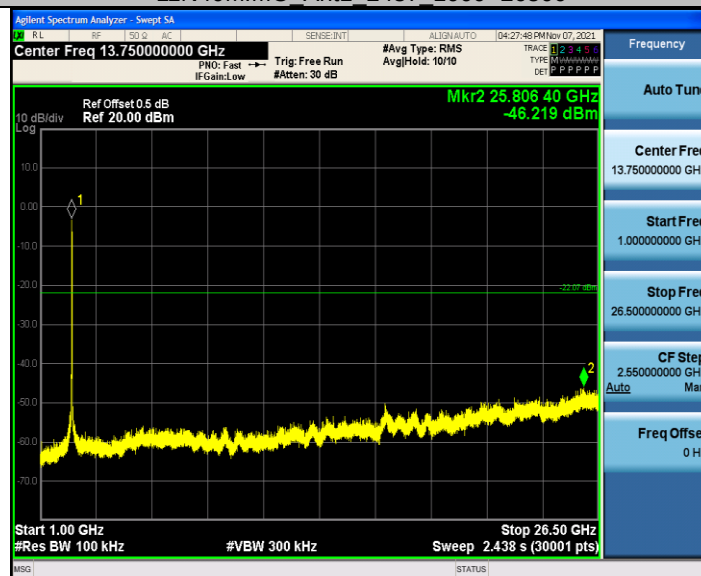
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11N40MIMO_Ant1_2437_30~1000



11N40MIMO_Ant1_2437_1000~26500



11N40MIMO_Ant2_2437_0~Reference

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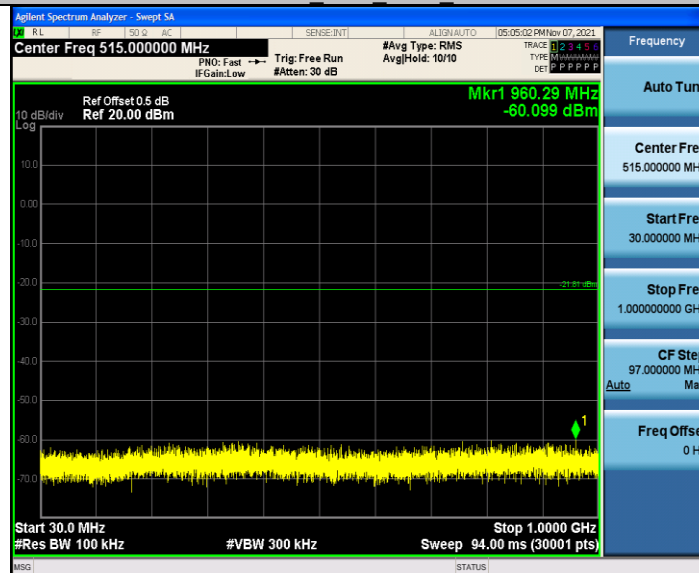
Fax: (86)755-27521011

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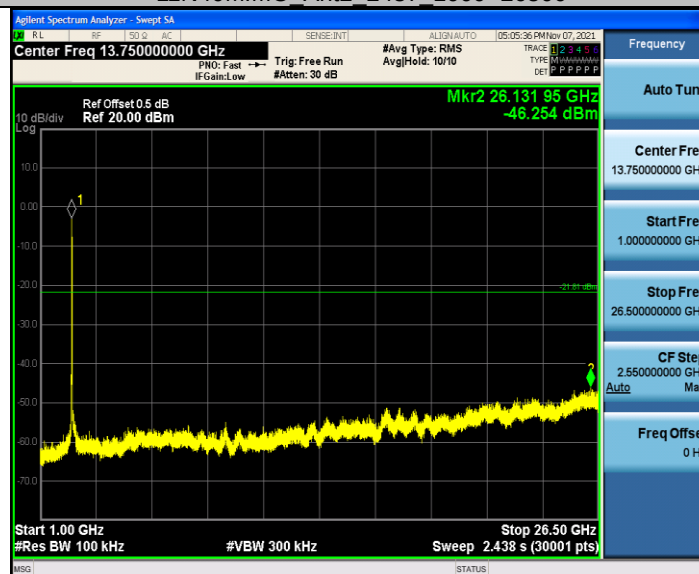
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11N40MIMO_Ant2_2437_30~1000



11N40MIMO_Ant2_2437_1000~26500



11N40MIMO_Ant1_2452_0~Reference

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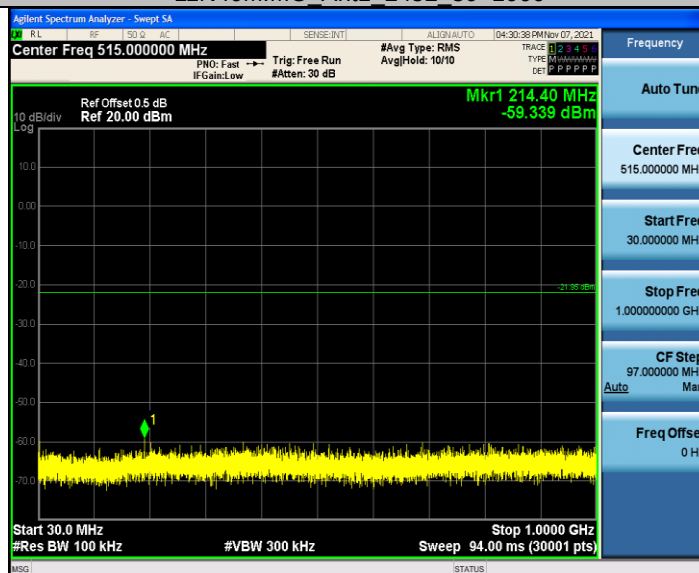
Fax: (86)755-27521011

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

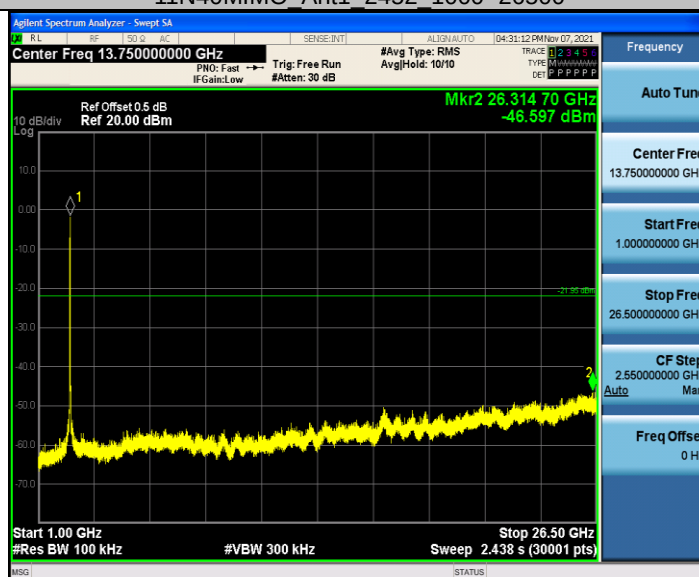
For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : yz.cnca.cn



11N40MIMO_Ant1_2452_30~1000



11N40MIMO_Ant1_2452_1000~26500



11N40MIMO_Ant2_2452_0~Reference

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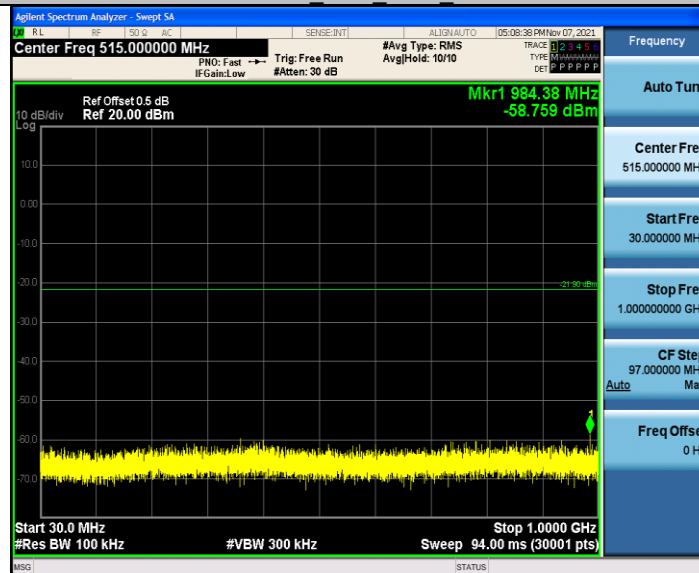
Fax: (86)755-27521011

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

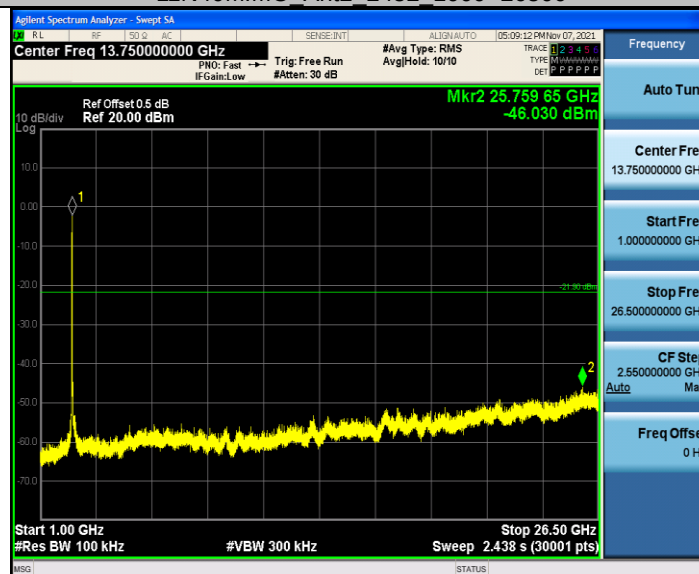
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11N40MIMO_Ant2_2452_30~1000



11N40MIMO_Ant2_2452_1000~26500





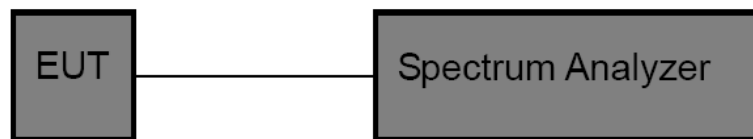
3.5. Bandwidth

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	14.330	10.080	0.5	PASS
	Ant2	2412	14.253	9.600	0.5	PASS
	Ant1	2437	14.316	10.080	0.5	PASS
	Ant2	2437	14.222	9.640	0.5	PASS
	Ant1	2462	14.291	9.120	0.5	PASS
	Ant2	2462	14.230	9.640	0.5	PASS
11G	Ant1	2412	16.826	12.320	0.5	PASS
	Ant2	2412	16.891	15.080	0.5	PASS
	Ant1	2437	16.876	13.560	0.5	PASS
	Ant2	2437	16.869	15.160	0.5	PASS
	Ant1	2462	16.822	13.960	0.5	PASS
	Ant2	2462	16.847	12.360	0.5	PASS
11N20MIMO	Ant1	2412	17.744	13.240	0.5	PASS
	Ant2	2412	17.722	14.240	0.5	PASS
	Ant1	2437	17.741	15.120	0.5	PASS
	Ant2	2437	17.676	13.920	0.5	PASS
	Ant1	2462	17.729	15.040	0.5	PASS
	Ant2	2462	17.720	15.160	0.5	PASS
11N40MIMO	Ant1	2422	35.914	31.520	0.5	PASS
	Ant2	2422	35.922	35.200	0.5	PASS
	Ant1	2437	35.944	34.000	0.5	PASS
	Ant2	2437	35.906	30.320	0.5	PASS
	Ant1	2452	35.880	35.200	0.5	PASS
	Ant2	2452	35.905	34.000	0.5	PASS



DTS Bandwidth:

11B_Ant1_2412



11B_Ant2_2412



11B_Ant1_2437



11B_Ant2_2437

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