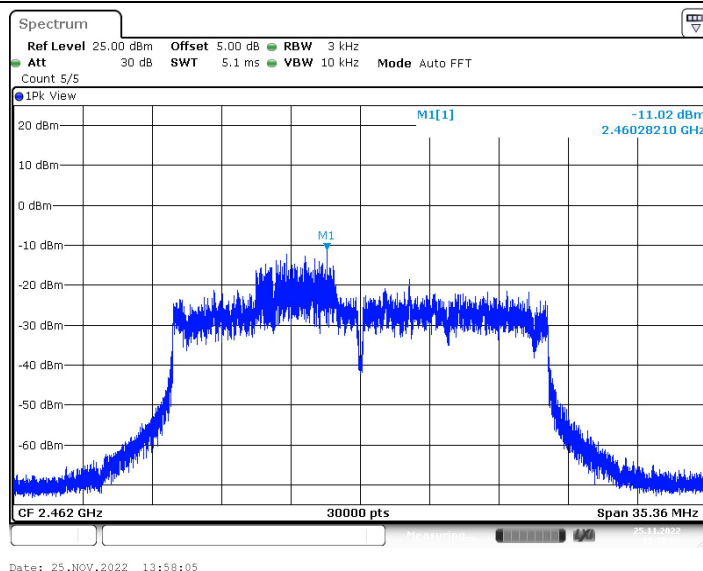
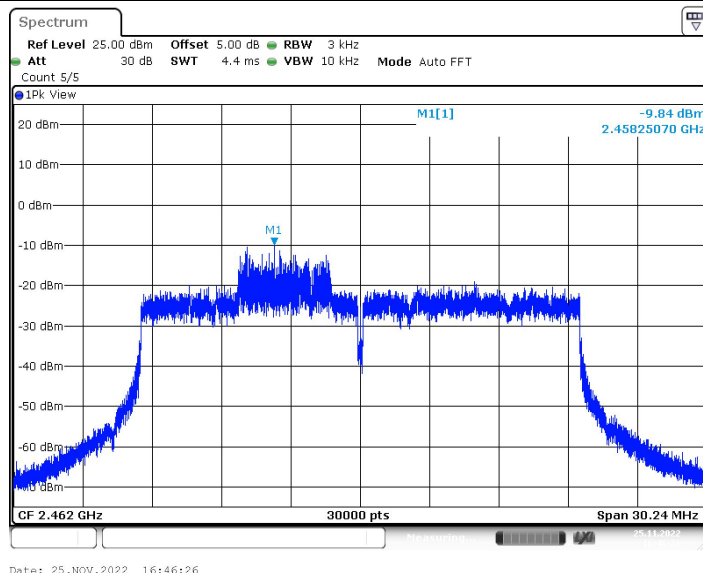
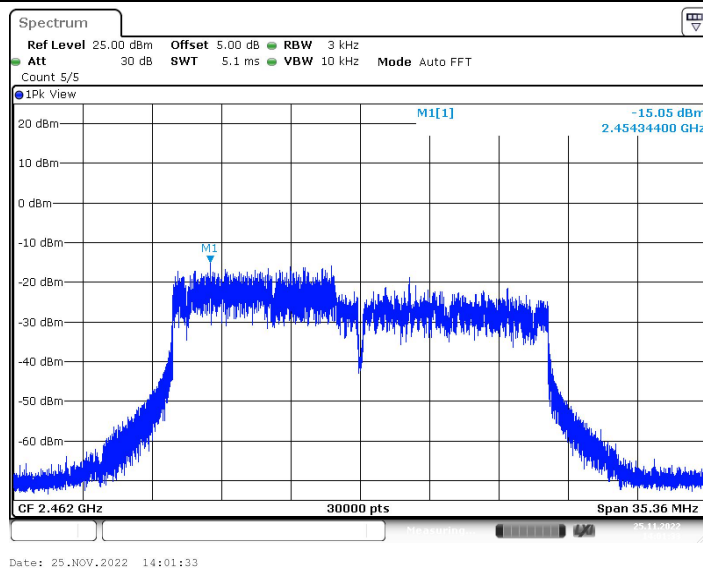




802.11ax(HE20)_Ant2_2462 52/38



802.11ax(HE20)_Ant1_2462 106/53



802.11ax(HE20)_Ant2_2462 106/53

CTC Laboratories, Inc.

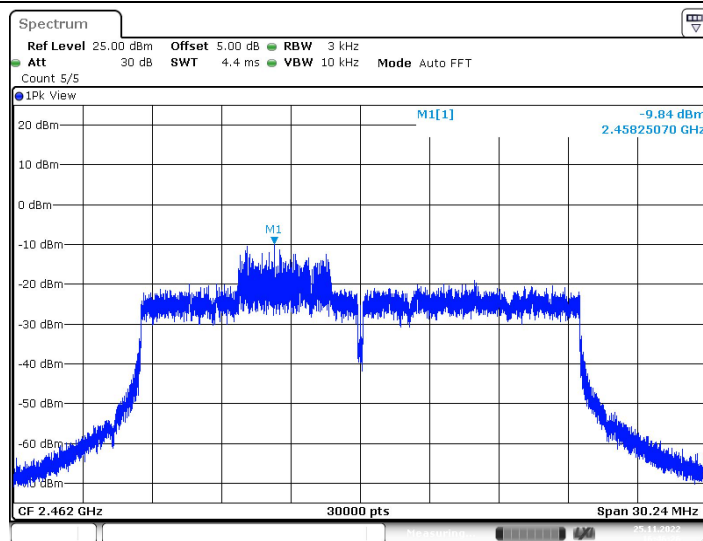
1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Shenzhen, Guangdong, China

Tel.: (86)755-27521059

Fax: (86)755-27521011

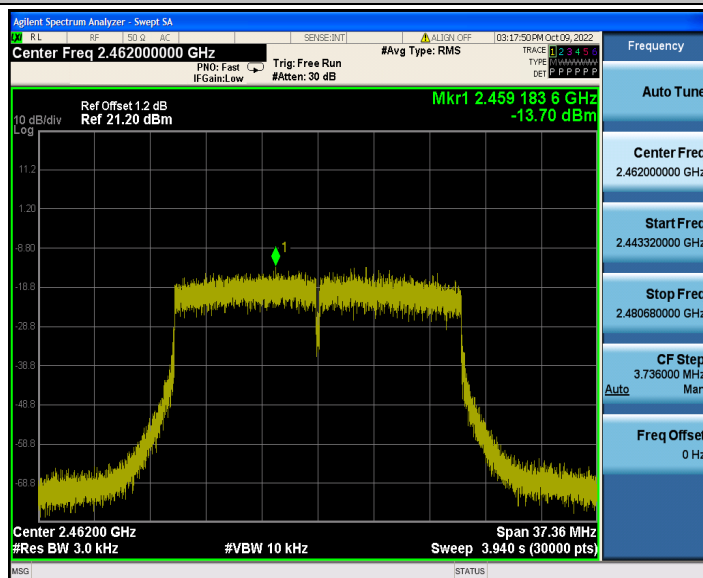
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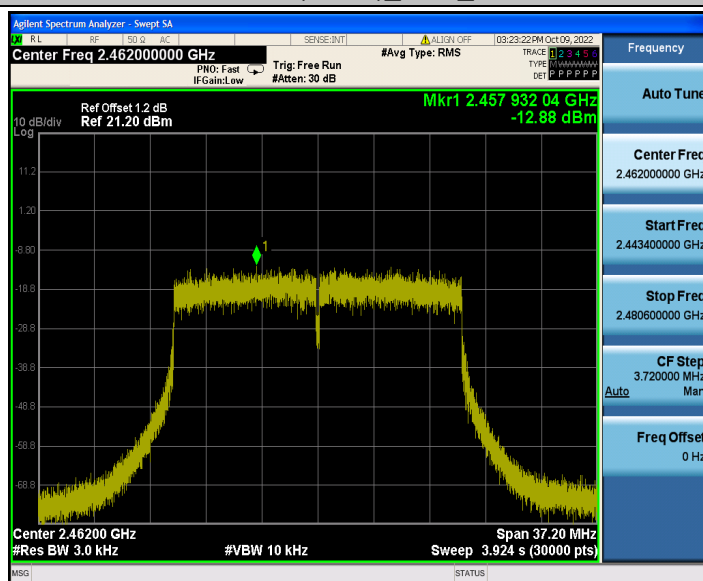


Date: 25.NOV.2022 16:46:26

802.11ax(HE20)_Ant1_2462



802.11ax(HE20)_Ant2_2462



802.11ax(HE40)_Ant1_2422 26/8

CTC Laboratories, Inc.

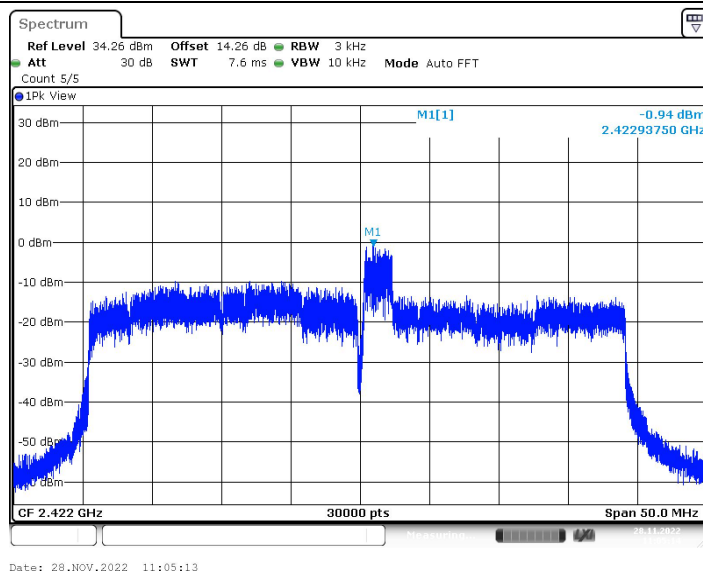
1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Shenzhen, Guangdong, China

Tel.: (86)755-27521059

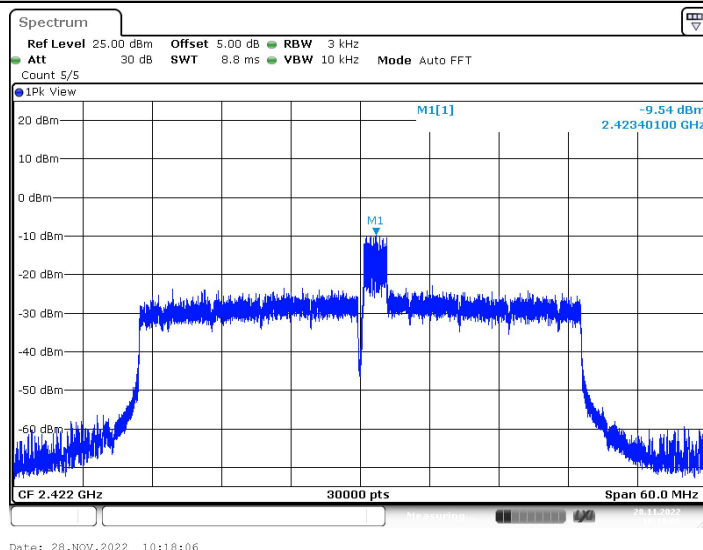
Fax: (86)755-27521011

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

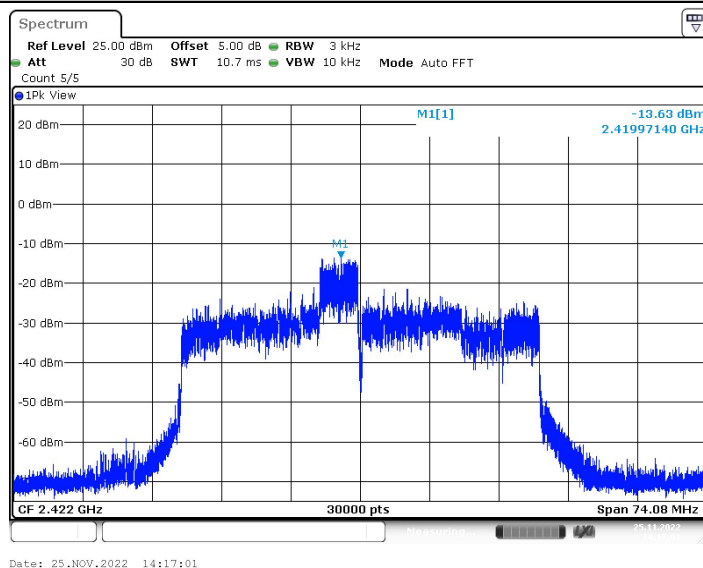
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802.11ax(HE40)_Ant2_2422 26/8



802.11ax(HE40)_Ant1_2422 52/40



802.11ax(HE40)_An2_2422 52/40

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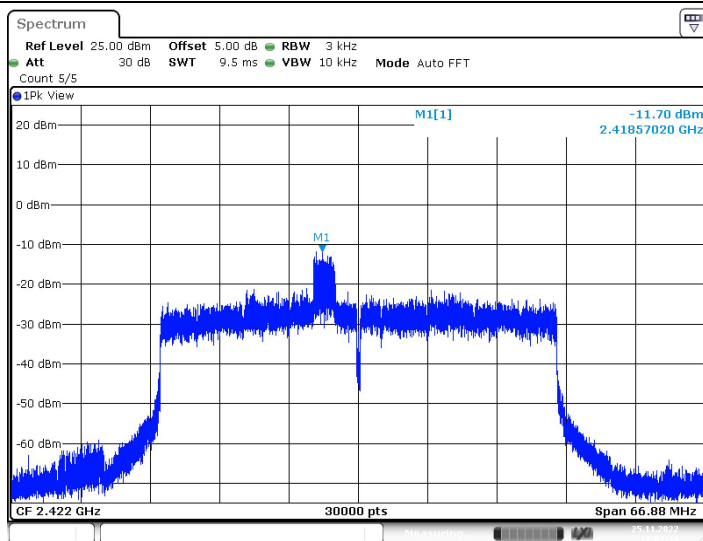
1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Shenzhen, Guangdong, China

Tel.: (86)755-27521059

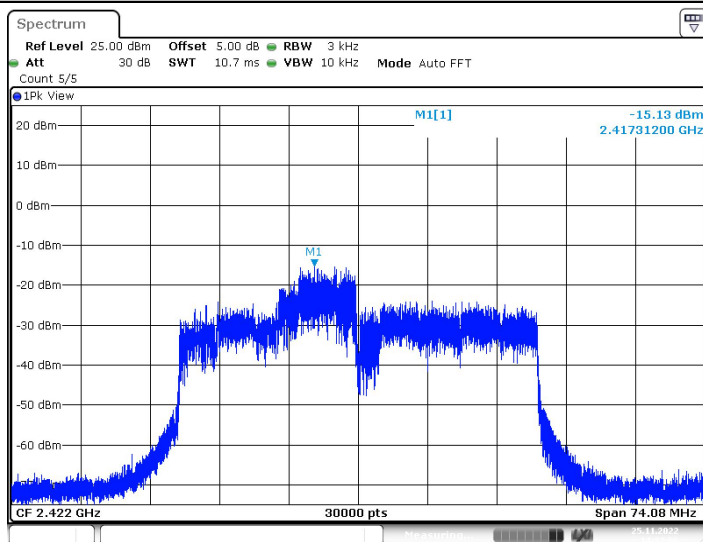
Fax: (86)755-27521011

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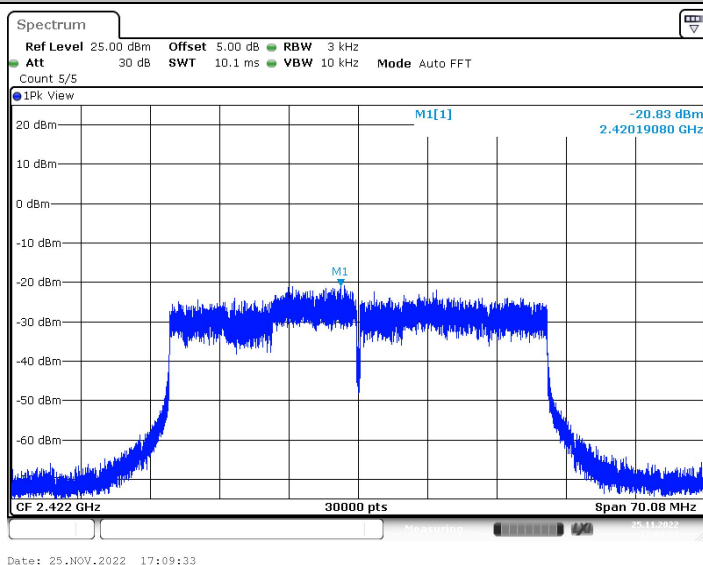
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802.11ax(HE40)_Ant1_2422 106/54



802.11ax(HE40)_Ant2_2422 106/54



802.11ax(HE40)_Ant1_2422 242/61

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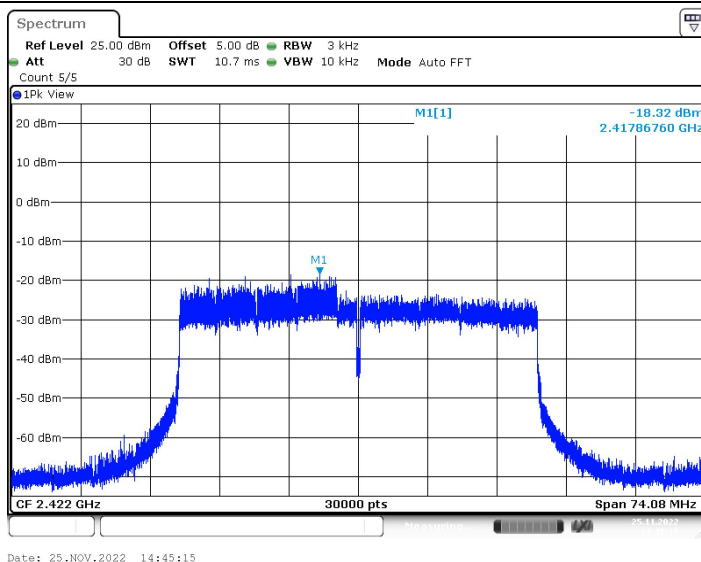
1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Shenzhen, Guangdong, China

Tel.: (86)755-27521059

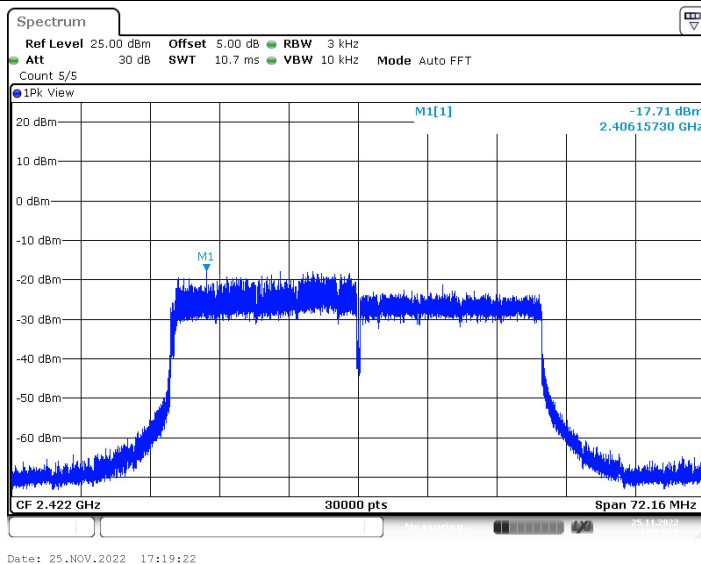
Fax: (86)755-27521011

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

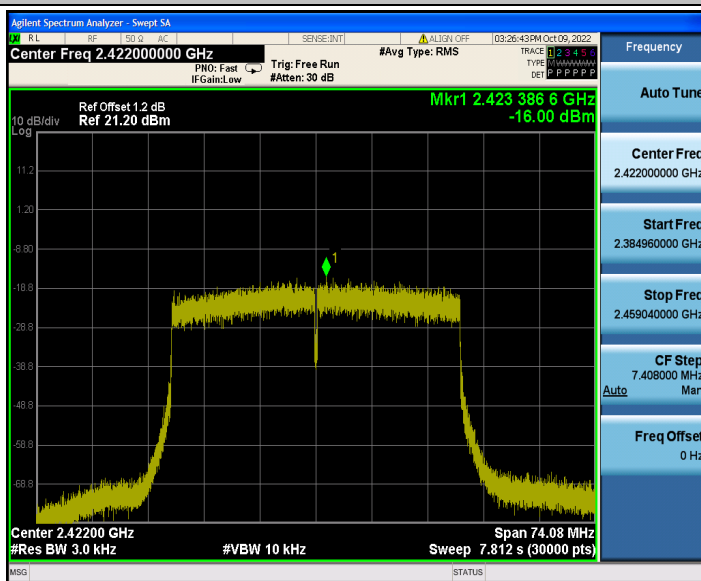
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802.11ax(HE40)_Ant2_2422 242/61



802.11ax(HE40)_Ant1_2422 484/65



802.11ax(HE40)_Ant2_2422 484/65

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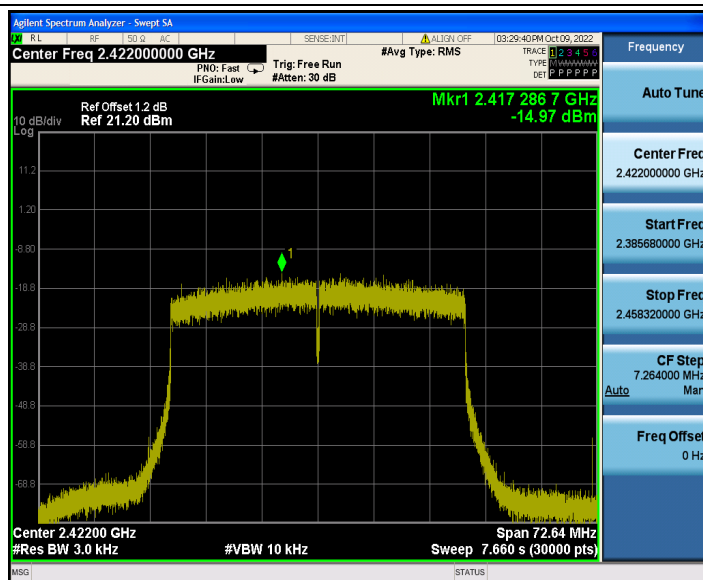
1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Shenzhen, Guangdong, China

Tel.: (86)755-27521059

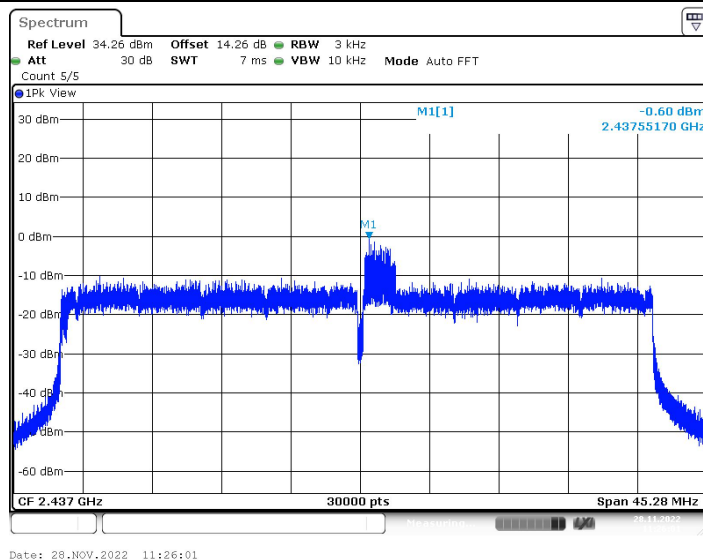
Fax: (86)755-27521011

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

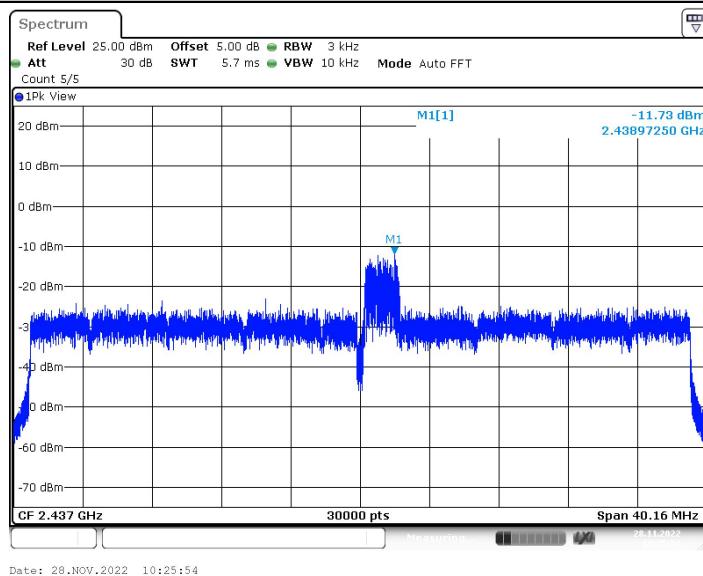
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802.11ax(HE40)_Ant1_2437 26/8



802.11ax(HE40)_Ant2_2437 26/8



802.11ax(HE40)_Ant1_2437 52/40

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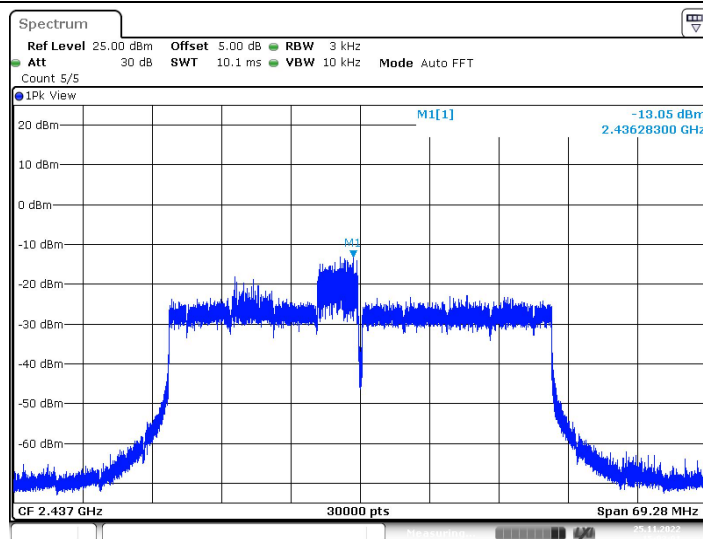
1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Shenzhen, Guangdong, China

Tel.: (86)755-27521059

Fax: (86)755-27521011

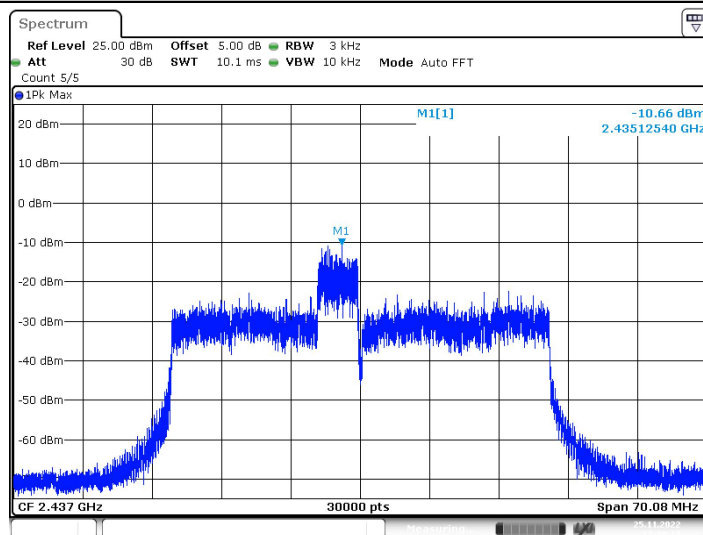
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For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China: yz.cnca.cn



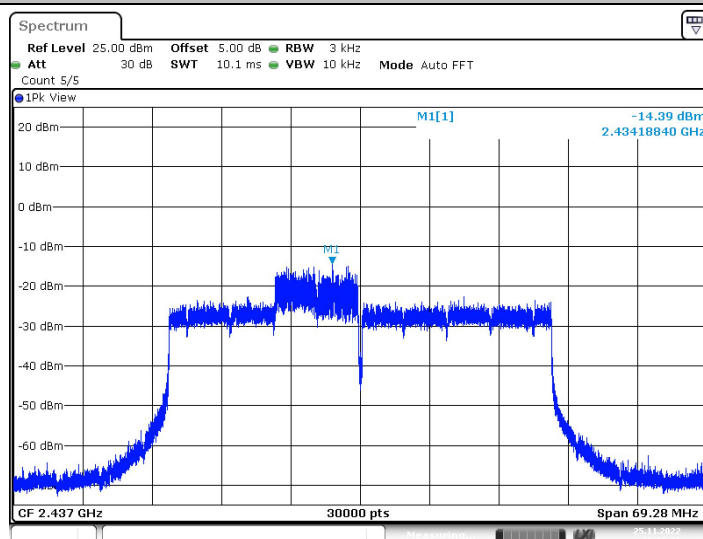
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802.11ax(HE40)_An2_2437 52/40



Date: 25.NOV.2022 17:29:17

802.11ax(HE40)_Ant1_2437 106/54



Date: 25.NOV.2022 15:08:09

802.11ax(HE40)_Ant2_2437 106/54

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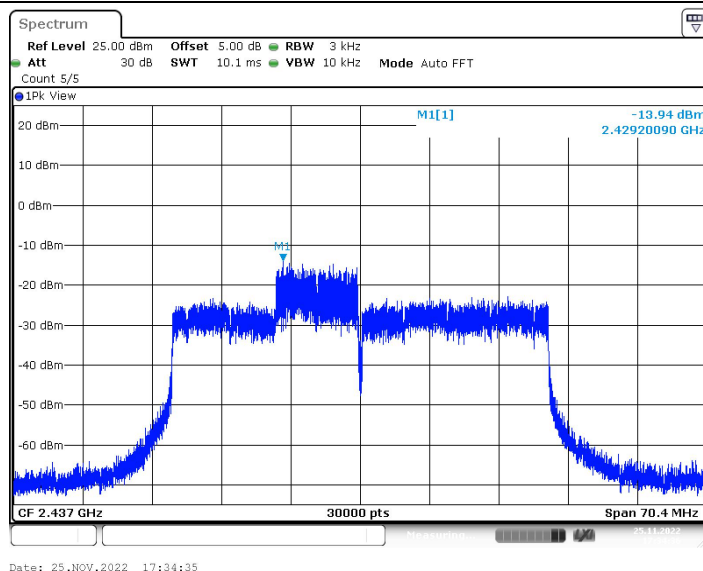
1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Shenzhen, Guangdong, China

Tel.: (86)755-27521059

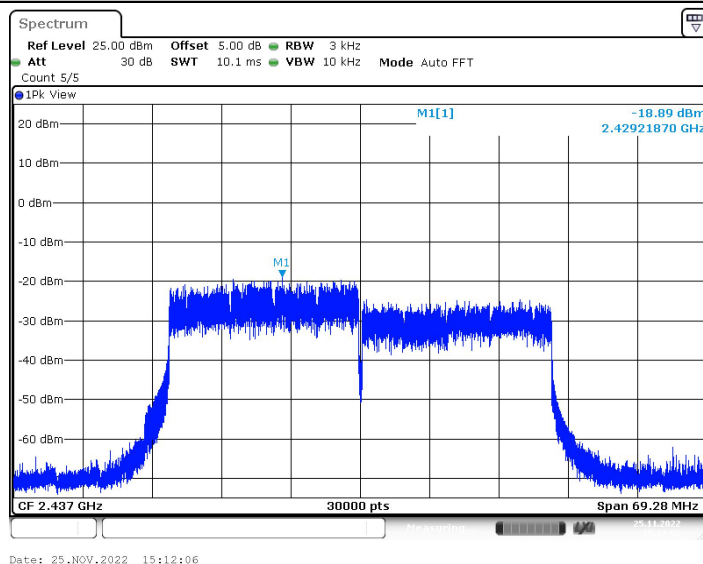
Fax: (86)755-27521011

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

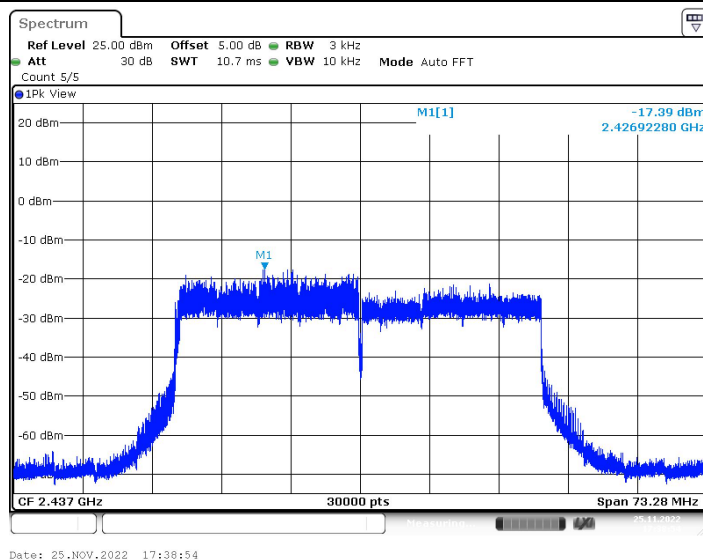
For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China: yz.cnca.cn



802.11ax(HE40)_Ant1_2437 242/61



802.11ax(HE40)_Ant2_2437 242/61



802.11ax(HE40)_Ant1_2437 484/65

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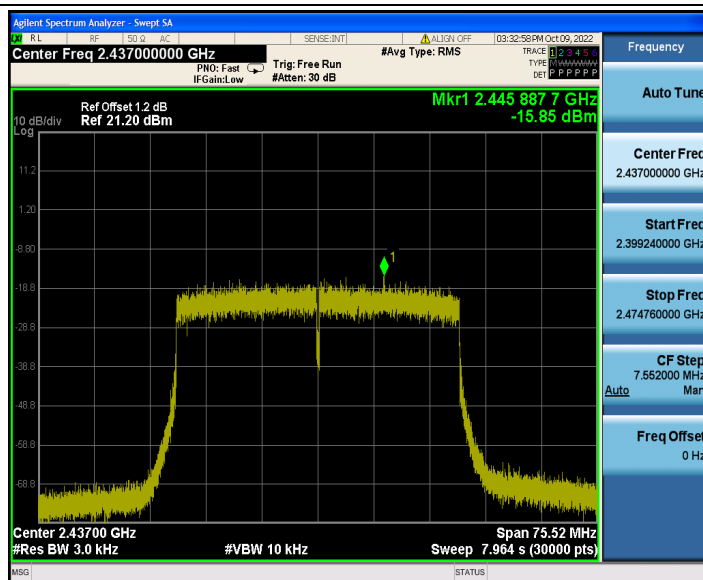
1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Shenzhen, Guangdong, China

Tel.: (86)755-27521059

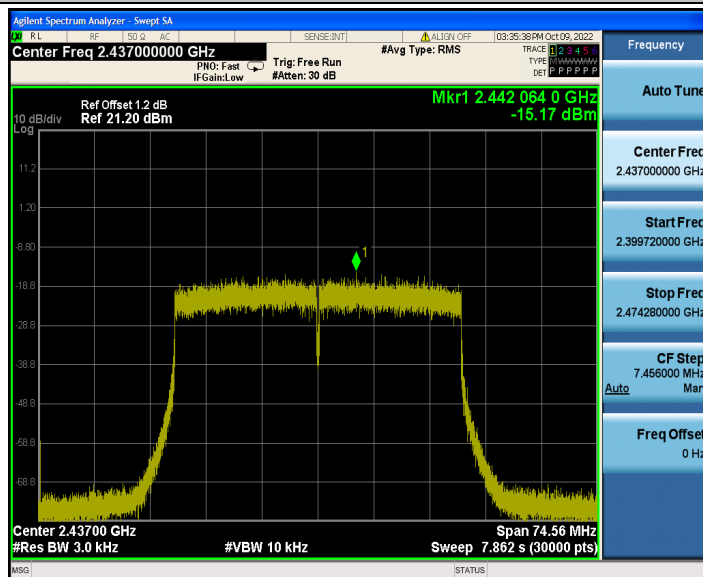
Fax: (86)755-27521011

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

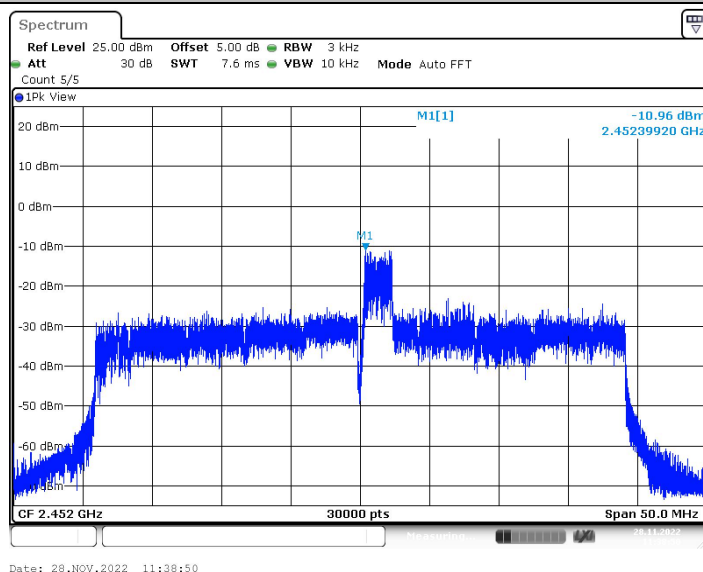
For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China: yz.cnca.cn



802.11ax(HE40)_Ant2_2437 484/65



802.11ax(HE40)_Ant1_2452 26/8



802.11ax(HE40)_Ant2_2452 26/8

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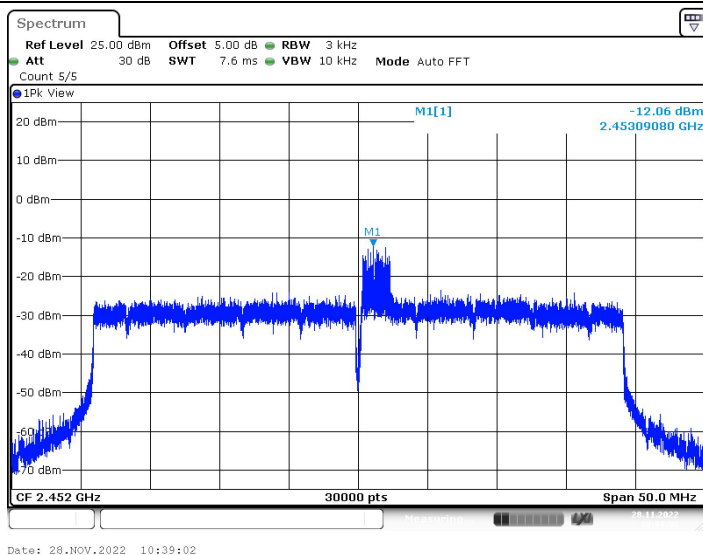
1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Shenzhen, Guangdong, China

Tel.: (86)755-27521059

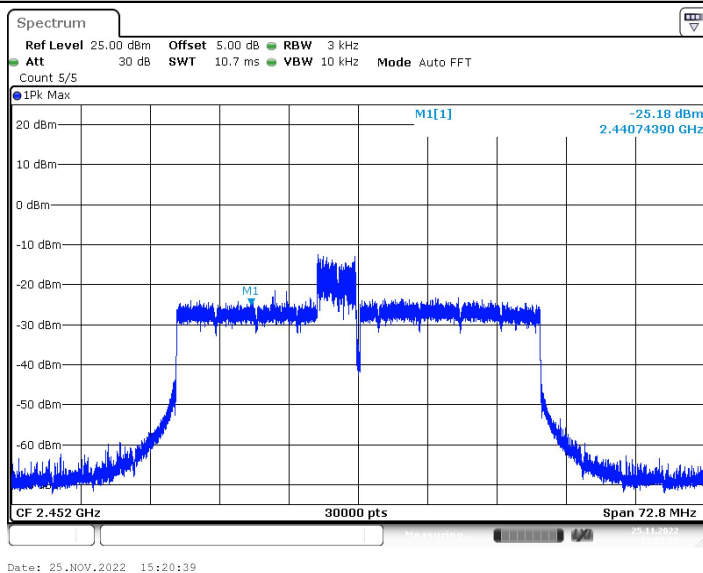
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Http://www.sz-ctc.org.cn

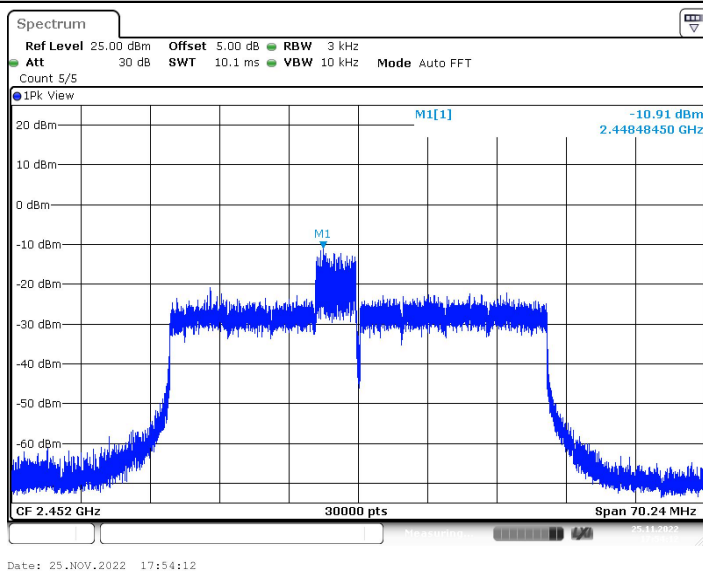
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802.11ax(HE40)_Ant1_2452 52/40



802.11ax(HE40)_An2_2452 52/40



802.11ax(HE40)_Ant1_2452 106/54

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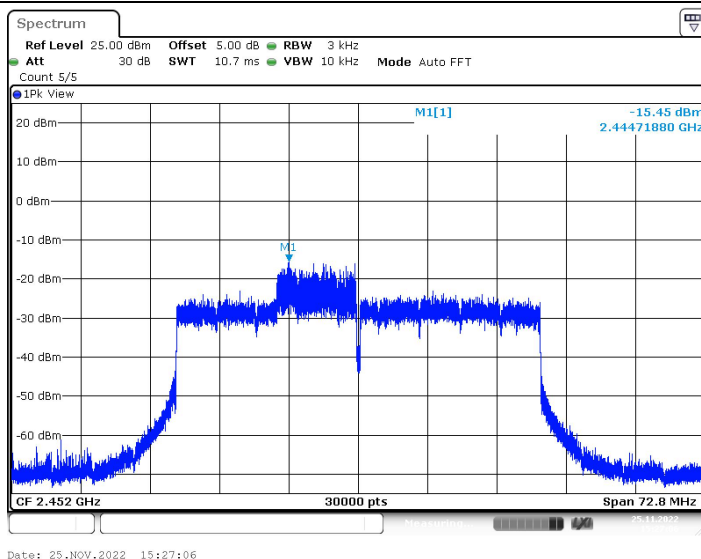
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Tel.: (86)755-27521059

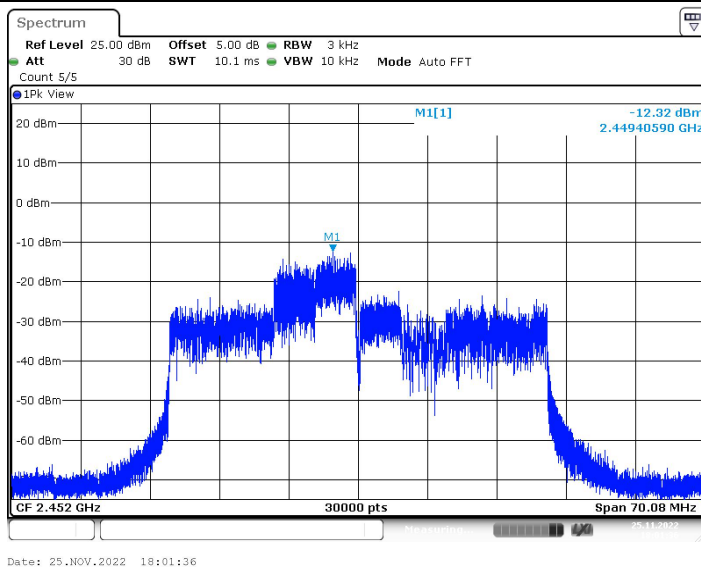
Fax: (86)755-27521011

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

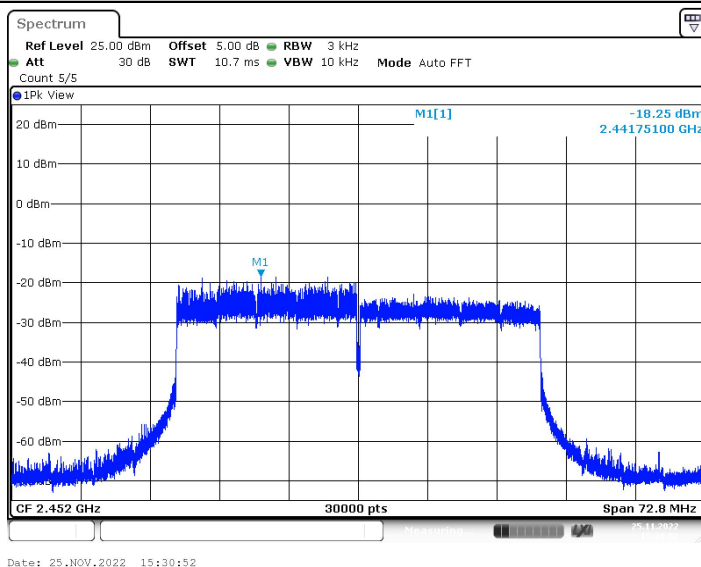
For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China: yz.cnca.cn



802.11ax(HE40)_Ant2_2452 106/54



802.11ax(HE40)_Ant1_2452 242/61



802.11ax(HE40)_Ant2_2452 242/61

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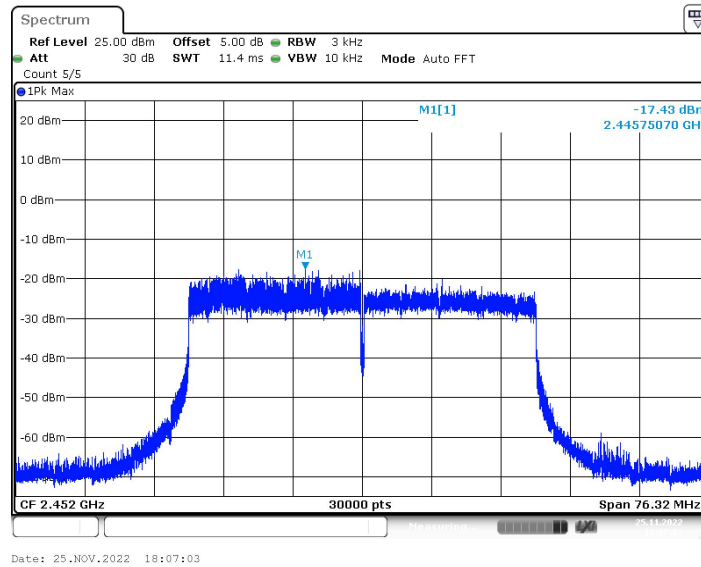
1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Shenzhen, Guangdong, China

Tel.: (86)755-27521059

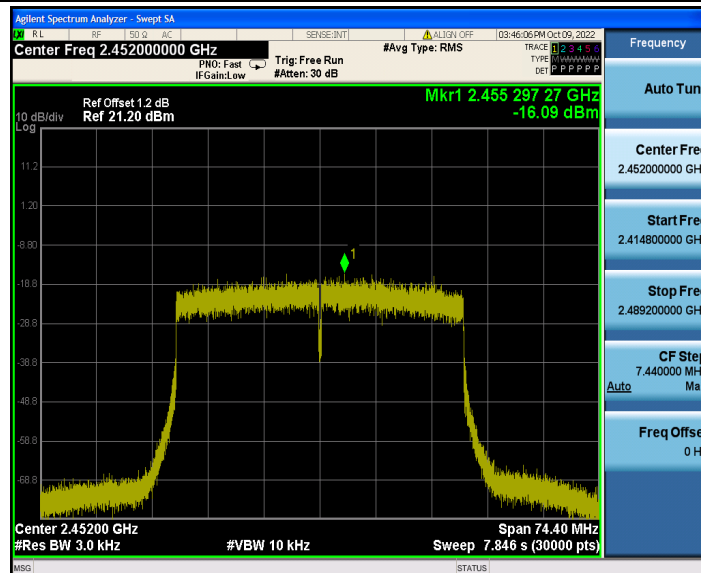
Fax: (86)755-27521011

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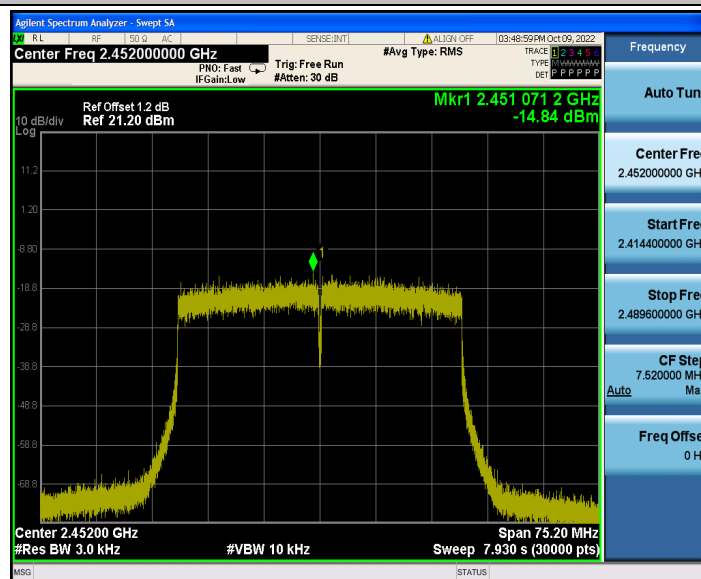
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802.11ax(HE40)_Ant1_2452 484/65



802.11ax(HE40)_Ant2_2452 484/65



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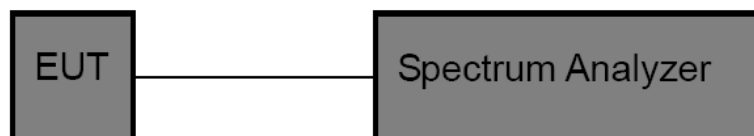
For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China: yz.cnca.cn

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 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.

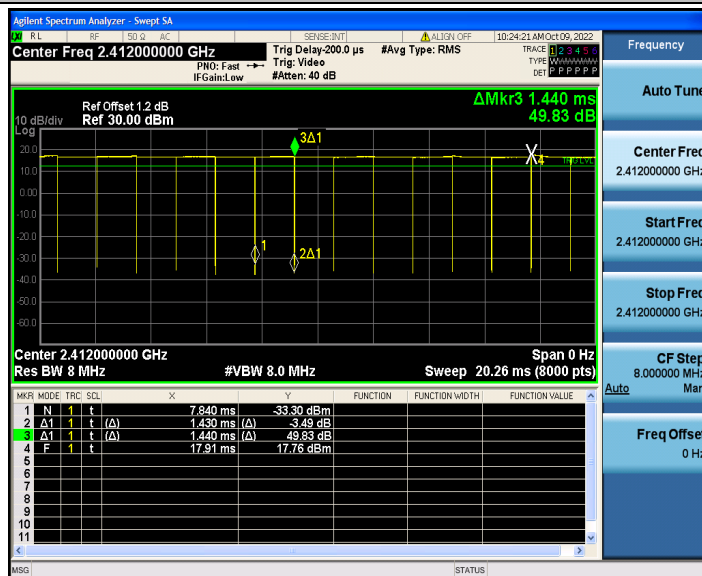
**Test Result**

Test Mode	Antenna	Frequency [MHz]	RU Configuration	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
802.11b	Ant1	2412	/	1.43	1.44	99.31	0.03	0.699	1
	Ant2	2412	/	1.43	1.44	99.31	0.03	0.699	1
	Ant1	2437	/	1.43	1.44	99.31	0.03	0.699	1
	Ant2	2437	/	1.42	1.44	98.61	0.06	0.704	1
	Ant1	2462	/	1.43	1.44	99.31	0.03	0.699	1
	Ant2	2462	/	1.43	1.44	99.31	0.03	0.699	1
802.11g	Ant1	2412	/	2.10	2.12	99.06	0.04	0.476	1
	Ant2	2412	/	2.10	2.12	99.06	0.04	0.476	1
	Ant1	2437	/	2.10	2.12	99.06	0.04	0.476	1
	Ant2	2437	/	2.10	2.12	99.06	0.04	0.476	1
	Ant1	2462	/	2.09	2.11	99.05	0.04	0.478	1
	Ant2	2462	/	2.09	2.11	99.05	0.04	0.478	1
802.11n (HT20)	Ant1	2412	/	5.43	5.45	99.63	0.02	0.184	1
	Ant2	2412	/	5.43	5.45	99.63	0.02	0.184	1
	Ant1	2437	/	5.43	5.44	99.82	0.01	0.184	1
	Ant2	2437	/	5.43	5.45	99.63	0.02	0.184	1
	Ant1	2462	/	5.43	5.44	99.82	0.01	0.184	1
	Ant2	2462	/	5.43	5.45	99.63	0.02	0.184	1
802.11n (HT40)	Ant1	2422	/	5.43	5.45	99.63	0.02	0.184	1
	Ant2	2422	/	5.43	5.44	99.82	0.01	0.184	1
	Ant1	2437	/	5.43	5.45	99.63	0.02	0.184	1
	Ant2	2437	/	5.42	5.44	99.63	0.02	0.185	1
	Ant1	2452	/	5.43	5.44	99.82	0.01	0.184	1
	Ant2	2452	/	5.42	5.44	99.63	0.02	0.185	1
802.11ax (HE20)	Ant1	2412	242/61	5.44	5.46	99.63	0.02	0.184	1
	Ant2	2412	242/61	5.44	5.46	99.63	0.02	0.184	1
	Ant1	2437	242/61	5.45	5.46	99.82	0.01	0.183	1
	Ant2	2437	242/61	5.45	5.46	99.82	0.01	0.183	1
	Ant1	2462	242/61	5.44	5.46	99.63	0.02	0.184	1
	Ant2	2462	242/61	5.45	5.46	99.82	0.01	0.183	1
802.11ax (HE40)	Ant1	2422	484/65	5.44	5.46	99.63	0.02	0.184	1
	Ant2	2422	484/65	5.44	5.46	99.63	0.02	0.184	1
	Ant1	2437	484/65	5.45	5.46	99.82	0.01	0.183	1
	Ant2	2437	484/65	5.44	5.46	99.63	0.02	0.184	1
	Ant1	2452	484/65	5.45	5.46	99.82	0.01	0.183	1
	Ant2	2452	484/65	5.44	5.46	99.63	0.02	0.184	1

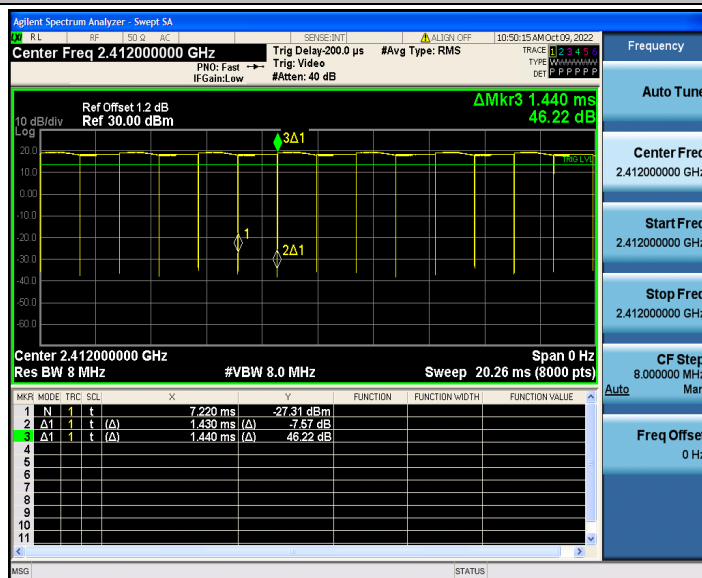
Note: Duty Cycle factor = $10 \cdot \log_{10}(1/\text{Duty Cycle})$



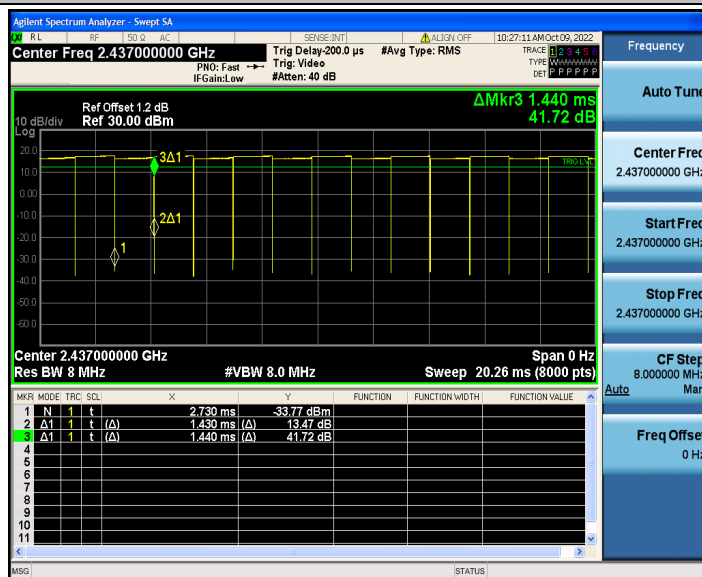
802.11b_Ant1_2412



802.11b_Ant2_2412



802.11b_Ant1_2437



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