



REPORT No.: SZ26030132W03

TEST REPORT

APPLICANT : Nubia Technology Co., Ltd.

PRODUCT NAME : REDMAGIC Astra 2 Gaming Tablet

MODEL NAME : NP06J

BRAND NAME : REDMAGIC

STANDARD(S) : MIC Notice No.88 Annex 43

RECEIPT DATE : 2026-03-19

TEST DATE : 2026-03-23 to 2026-05-19

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Edited by:

Zeng Xiaoying
Zeng Xiaoying (Rapporteur)

Approved by:

Shen Junsheng
Shen Junsheng (Supervisor)

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MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen, GuangDong Province, P. R. China

Tel: 86-755-36698555
Http://www.morlab.cn

Fax: 86-755-36698525
E-mail: service@morlab.cn





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Notes 48

Change History		
Version	Date	Reason for change
1.0	2026-06-05	First edition

1. Summary of Test Results

No.	Description of Test	Test Engineer	Result	Remark
1	Frequency Error	Lin Haoyang	PASS	/
2	Occupied Bandwidth	Lin Haoyang	PASS	/
3	Unwanted Emission Intensity	Lin Haoyang	PASS	/
4	Antenna Power Error	Lin Haoyang	PASS	/
5	Limitation of Collateral Emission of Receiver	Lin Haoyang	PASS	/
6	E.I.R.P.	N/A	N/A _{Note1}	/
7	Radiation Angle of Antenna	N/A	N/A _{Note1}	/
8	Radio Interference Prevention Capability	Lin Haoyang	PASS	/
9	Carrier Sense Function	Lin Haoyang	PASS	/
10	Construction Protection Confirmation	N/A	PASS	/

Note 1: The test item will not be applied to the transmission antenna which has a gain of 2.14dBi or less.

Note 2: Any additions, deviation, or exclusions from the method shall be noted in the "Remark".

1.1. Testing Applied Methods

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- MIC Notice No.88 Annex 43
- Certification of technical standard conformity for specified radio equipment, etc. Article 2 Paragraph 1 of Item 19
- Radio Equipment Regulations Article 49-20



1.2. Test Equipment List

1.2.1 Conducted Test Equipment

Description	Manufacturer	Model	Serial No.	Cal. Date	Due Date	Cal. Body	Cal. Method
EXA Signal Analyzer	Agilent	N9010A	MY53470836	2025.12.23	2026.12.22	GRG	c
DC Power Supply	IVYTECH	IV3610	1709D361010	2025.09.03	2026.09.02	CCIC	c
Power Sensor	Agilent	U2021XA	MY54180008	2025.09.03	2026.09.02	CCIC	c
Radio Communication Tester	R&S	CMW500	108950	2025.12.23	2026.12.22	GRG	c

Note 1: The equipment were calibrated by CCIC (Shenzhen) Metrology&Testing Service Co.,Ltd, and GRG METROLOGY & TEST GROUP Co.,LTD.

Note 2: Calibration Method:

- Calibration conducted by the National Institute of Information and Communications Technology (NICT) (hereinafter referred to as "NICT") or a designated calibration agency under Article 102-18 paragraph (1);
- Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Law (Law No. 51 of 1992);
- Calibration conducted in foreign countries, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18 paragraph (1);
- Calibration conducted by using measuring instruments and other equipment listed in the right column of Table No. 3 attached hereto, which shall have been given any of calibration, etc. listed above from a) to c).



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1.3. Measurement Uncertainty

No.	Test Items	Uncertainty	Remark
1	Frequency Error / 99% Bandwidth	$\pm 1.75 \times 10^{-6}$	Confidence levels of 95%
2	Antenna Power	$\pm 1.14\text{dB}$	Confidence levels of 95%
3	Spurious Emissions(<1GHz)	$\pm 2.23\text{dB}$	Confidence levels of 95%
4	Spurious Emissions(>1GHz)	$\pm 1.72\text{dB}$	Confidence levels of 95%
5	Transmission Antenna Gain	$\pm 2.49\text{dB}$	Confidence levels of 95%

1.4. Testing Laboratory

Laboratory Name	Shenzhen Morlab Communications Technology Co., Ltd.
Laboratory Address	FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road, Block 67, BaoAn District, ShenZhen, GuangDong Province, P. R. China
Telephone	+86 755 36698555
Facsimile	+86 755 36698525

2. General Description

2.1. Information of Applicant and Manufacturer

Applicant	Nubia Technology Co., Ltd.
Applicant Address	Room 1801, Building 2, Chongwen Park, Nanshan Zhiyuan, No.3370, Liuxian Rd, Nanshan District, Shenzhen City, Guangdong Province, P. R. China
Manufacturer	Nubia Technology Co., Ltd.
Manufacturer Address	Room 1801, Building 2, Chongwen Park, Nanshan Zhiyuan, No.3370, Liuxian Rd, Nanshan District, Shenzhen City, Guangdong Province, P. R. China

2.2. Information of EUT

Product Name	REDMAGIC Astra 2 Gaming Tablet		
Sample No.	1#		
Hardware Version	NP06JHW1.0		
Software Version	RedMagicOS11.5.x_NP06J_GB		
Modulation Technology	DSSS, OFDM, OFDMA		
Modulation Type and Data Rate	Refer to 2.5.2		
Wireless Technology	802.11b, 802.11g, 802.11n (HT20), 802.11n (HT40), 802.11ax (HE20), 802.11ax (HE40), 802.11be (EHT20), 802.11be (EHT40)		
Operating Frequency Range	2412MHz–2472MHz		
Channel List	Please refer as chapter 2.4 in this report.		
Power Supply	Type	Battery	
	Voltage (V)	Low	3.6
		Rated	3.92
		High	4.5

Note 1: The black bold voltage values were selected for test, about the voltage fluctuation evaluation, please refer as chapter 2.6.2 in this report.

Note 2: The EUT supports a MIMO function. Physically, the EUT provides two completed transmitters and two receivers for 802.11n, 802.11ax and 802.11be modulation mode. For the test item Antenna Power Error, we recorded the test result of two antennas separately, for other test items both of the two antennas were tested separately, we only recorded the worst test result (ANT 3) in this report.



Note 3: The EUT description presented in the report are provided by applicant and/or manufacturer, and the test laboratory is not responsible for the accuracy of the information. For a more detailed description, please refer to Specification or User's Manual supplied by the applicant and/or manufacturer.

2.3. Information of Antenna

Antenna Manufacturer	N/A
Brand Name	N/A
Part No.	N/A
Antenna Type	Cavity Antenna
Antenna Gain	ANT 2: -0.42dBi; ANT 3: -1.76dBi

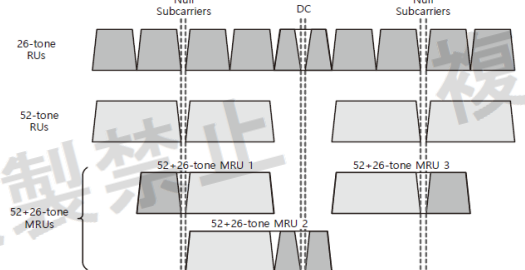
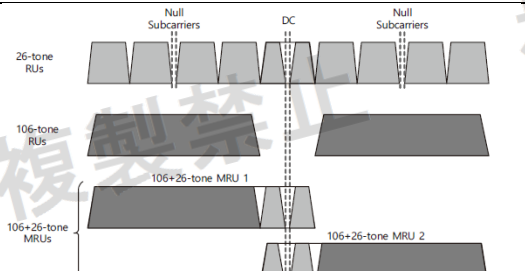
2.4. Channel List of EUT

Nominal Channel Bandwidth	Channel	Frequency (MHz)	Channel	Frequency (MHz)
20MHz	1	2412	8	2447
	2	2417	9	2452
	3	2422	10	2457
	4	2427	11	2462
	5	2432	12	2467
	6	2437	13	2472
	7	2442		
Nominal Channel Bandwidth	Channel	Frequency (MHz)	Channel	Frequency (MHz)
40MHz	3	2422	8	2447
	4	2427	9	2452
	5	2432	10	2457
	6	2437	11	2462
	7	2442		

Note 1: The black bold channels were selected for test.

2.5.MRUs Information

For 802.11be, small size MRUs are supported as below:

BW (MHz)	MRU Type	MRU Index	MRU Combination	Allowed MRUs
20	52+26-Tone	MRU1	52-tone RU 2 + 26-tone RU 2	
		MRU2	52-tone RU 2 + 26-tone RU 5	
		MRU3	52-tone RU 3 + 26-tone RU 8	
	106+26-Tone	MRU1	106-tone RU 1 + 26-tone RU 5	

Note 1: Only the worst cases are shown in this report.

2.6. Test Configuration of EUT

2.6.1. Evaluation of The Worst Case

Investigation has been done on all the possible configurations for searching the worst cases. The following table is a list of the test modes shown in this test report.

Test Items	Mode	Channel
Frequency Error	Unmodulated Single Carrier	1/7/13
Occupied Bandwidth	CCK	1/7/13
Unwanted Emission Intensity	CCK	1/7/13
Antenna Power and Antenna Power Error	CCK	1/7/13
Limitation of Collateral Emission of Receiver	CCK	1/7/13
Transmission Radiation Angle Width	CCK	1/7/13
Carrier Sense Function	OFDM	Normal Use
Radio Interference Prevention Capability	CCK	Normal Use

The evaluation of the ru allocation just as below

Test Mode		Items	Power	OBW	Tx CSE	Rx CSE	Carrier Sense	Freq. Error
Full_RU		HE20/EHT20	O	O	O	O	X	O
		HE40/EHT40	O	O	O	O	O	X
Partial_RU	Single RU	HE20/EHT20	O	X	O	X	X	X
		HE40/EHT40	O	X	X	X	X	X
	MRU (Small)	EHT20	O	X	O	X	X	X
		EHT40	O	X	X	X	X	X

Note: "O" indicates that this report contains test data, "X" indicated that the mode does not need to be tested or is not the worst case.

2.6.2. Modulation Type and Data Rate of EUT

Modulation Technology	Modulation Type	Data Rate (Mbps)
DSSS (802.11b)	DBPSK	1
	DQPSK	2
	CCK	5.5 / 11
OFDM (802.11g)	BPSK	6 / 9
	QPSK	12 / 18
	16QAM	24 / 36
	64QAM	48 / 54
OFDM (802.11n (HT20))	BPSK	6.5
	QPSK	13 / 19.5
	16QAM	26 / 39
	64QAM	52 / 58.5 / 65
OFDM/OFDMA (802.11ax (HE20))	BPSK	8.6
	QPSK	17.2 / 25.8
	16QAM	34.4 / 51.6
	64QAM	68.8 / 77.4 / 86
	256QAM	103.2 / 114.7
	1024QAM	129 / 143.4
OFDM/OFDMA (802.11ax (HE40))	BPSK	17.2
	QPSK	34.4 / 51.6
	16QAM	68.8 / 103.2
	64QAM	137.6 / 154.9 / 172.1
	256QAM	206.5 / 229.4
	1024QAM	258.1 / 286.8
OFDM/OFDMA (802.11be (EHT20))	BPSK	8.6
	QPSK	17.2/25.8
	16QAM	34.4/51.6
	64QAM	68.8/77.4/86
	256QAM	103.2/114.7
	1024QAM	129/143.4
	4096QAM	154.9/172.1
OFDM/OFDMA (802.11be (EHT40))	BPSK	17.2
	QPSK	34.4/51.6
	16QAM	68.8/103.2
	64QAM	137.6/154.9/172.1



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	256QAM	206.5/229.4
	1024QAM	258.1/286.8
	4096QAM	309.7/344.1

RU Allocation:

BW (MHz)	RU Size		User	RU Offset	
	Full (Tone)	Partial			
		(Tone)			BW (MHz)
20	242	26	2	9	@0/1/2/3/4/5/6/7/8
		52	4	4	@37/38/39/40
		106	8	2	@53/54
40	484	26	2	18	@0/1/2.....15/16/17
		52	4	8	@37/38/39/40/41/42/43/44
		106	8	4	@53/54/55/56

Note 1: The black bold modes were selected for test.



2.6.3.Operation and Transmitter Power Level Setting

The EUT was tested while in a continues transmitter/receiver mode under the control of tool which is provided by manufacturer, all the items of transmitter were tested under the power setting as below:

Modulation Technology	Power Setting		
	ANT 2	ANT 3	ANT 2+3
802.11b	18	18	-
802.11g	18	18	-
802.11n (HT20)	18	18	18
802.11ax (HE20)	18	18	18
802.11be (EHT20)	18	18	18
802.11n (HT40)	18	18	18
802.11ax (HE40)	18	18	18
802.11be (EHT40)	18	18	18

RU Allocation:

Modulation Technology	RU Size (Tone)		Power Setting		
	Full	Partial	ANT 2	ANT 3	ANT 2+3
802.11ax (HE20)	242	26	9	9	9
		52	12	12	12
		106	15	15	15
802.11be (EHT20)	242	26	9	9	9
		52	12	12	12
		106	15	15	15
802.11ax (HE40)	484	26	5	5	5
		52	8	8	8
		106	11	11	11
802.11be (EHT40)	484	26	5	5	5
		52	8	8	8
		106	11	11	11



2.7. Test Conditions

2.7.1. Environment Condition

Temperature (°C)	21.3
Relative Humidity (%)	68

2.7.2. Power Supply Voltage Fluctuation

During the input supply voltage to the EUT from the external power source is varied by +/- 10%, the output voltage had been confirmed that the fluctuation of power supply to the RF unit of EUT is equal to or less +/- 1%.

Power Supply		External Voltage $V_E(V)$			Internal Voltage V_I		
		V_{EN}	V_{EL}/V_{EH}		$V_{IN}(V)$	$V_{IE}(V)$	Variation of V_I
Type1	Battery	3.92	V_{EL}	3.600	1.8	1.792	0.44%
			V_{EH}	4.312		1.809	0.50%

V_{EN} : Normal Voltage

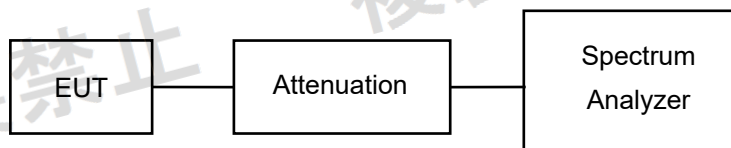
V_{EL} : V_{EL} is the declared low voltage provided that $V_{EN} \times 90\%$ is less than the declared low voltage, otherwise it is $V_{EN} \times 90\%$

V_{EH} : V_{EH} is the declared high voltage provided that $V_{EN} \times 110\%$ is larger than the declared high voltage, otherwise it is $V_{EN} \times 110\%$

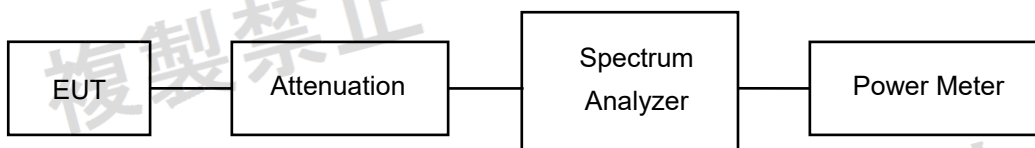
V_{IN} : The voltage supply to the radio unit.

2.8. Test Setup Layout Diagram

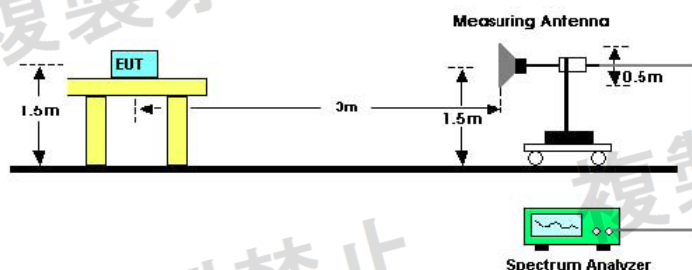
2.8.1. General Measurement



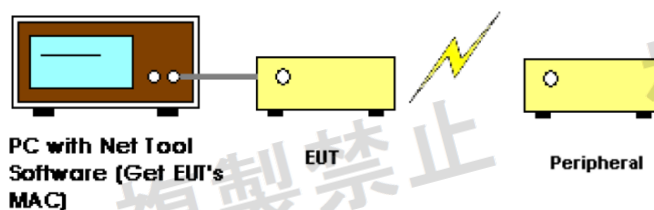
2.8.2. Antenna Power Measurement



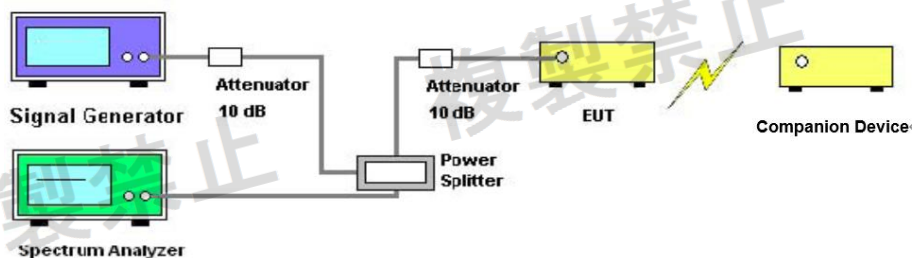
2.8.3. Radiation Angle of Antenna



2.8.4. Radio Interference Prevention Capability Measurement



2.8.5.Carrier Sense Function





3. Description of Test Items

3.1. Frequency Error

3.1.1. Limits

Within $\pm 50\text{ppm}$.

3.1.2. Test Procedures

According to MIC Notice No.88 Annex 43.

3.1.3. Test Setup Layout

Refer to chapter 2.7.1 in this report.

3.1.4. Test Deviation

There is no deviation with the original standard.

3.1.5. Test Results

Refer to Annex A.1 in this report.



3.2. Occupied Bandwidth

3.2.1. Limits

Item	Type	Limits
Occupied Bandwidth	FHSS	≤83.5MHz
	DSSS	≤26MHz
	OFDM	
	Other	

3.2.2. Test Procedures

According to MIC Notice No. 88 Annex 43.

3.2.3. Test Setup Layout

Refer to chapter 2.7.1 in this report.

3.2.4. Test Deviation

There is no deviation with the original standard.

3.2.5. Test Results

Refer to Annex A.2 in this report.

3.3. Unwanted Emission Intensity

3.3.1. Limits

Frequency Range	Limits
30MHz-1000MHz	$\leq 0.25 \mu\text{W}/100\text{kHz}$
1000MHz-2387MHz	$\leq 2.5 \mu\text{W}/\text{MHz}$
2387MHz-2400MHz	$\leq 25 \mu\text{W}/\text{MHz}$
2483.5MHz-2496.5MHz	$\leq 25 \mu\text{W}/\text{MHz}$
2496.5MHz-12500MHz	$\leq 2.5 \mu\text{W}/\text{MHz}$

3.3.2. Test Procedures

According to MIC Notice No. 88 Annex 43.

3.3.3. Test Setup Layout

Refer to chapter 2.7.1 in this report.

3.3.4. Test Deviation

There is no deviation with the original standard.

3.3.5. Test Results

Refer to Annex A.3 in this report.

Note1: The spurious emissions mask that displayed on the plots is composed of several frequency ranges below:

Range	Start Freq. (MHz)	Stop Freq. (MHz)	RBW	VBW	Detector Type	Trace Mode	Limit (μW)
1	30	1000	100kHz	100kHz	Peak	Max Hold	0.25
2	1000	2387	1MHz	1MHz	Peak	Max Hold	2.5
3	2387	2400	1MHz	1MHz	Peak	Max Hold	25
4	2400	2483.5	1MHz	1MHz	Peak	Max Hold	20000
5	2483.5	2496.5	1MHz	1MHz	Peak	Max Hold	25
6	2496.5	12500	1MHz	1MHz	Peak	Max Hold	2.5

Note 2: Only the spurious with the minimum margin from the limit line will be displayed in the mark table (The lower window on the test plots).



3.4. Antenna Power Error

3.4.1. Limits

Type	Frequency Range	Limits	
		Antenna Power Density	Antenna Power Error
FHSS	2427-2470.75 MHz	≤ 3 mW/MHz	$\leq +20\%$
	2400-2483.5 MHz (except 2427-2470.75 MHz)	≤ 10 mW/MHz	
DSSS	2400-2483.5 MHz	≤ 10 mW/MHz	
OFDM	2400-2483.5 MHz	≤ 10 mW/MHz (20MHz System) ≤ 5 mW/MHz (40MHz System)	
Other	2400-2483.5 MHz	≤ 10 mW	

3.4.1. Test Procedures

According to MIC Notice No. 88 Annex 43.

3.4.2. Test Setup Layout

Refer to chapter 2.7.2 in this report.

3.4.3. Test Deviation

There is no deviation with the original standard.

3.4.4. Test Results

Refer to Annex A.4 in this report.



3.5. Limitation of Collateral Emission of Receiver

3.5.1. Limits

Frequency Range	Limits
30MHz-1000MHz	$\leq 4\text{nW}/100\text{kHz}$
1000MHz-12500MHz	$\leq 20\text{nW}/\text{MHz}$

3.5.2. Test Procedures

According to MIC Notice No. 88 Annex 43.

3.5.3. Test Setup Layout

Refer to chapter 2.7.1 in this report.

3.5.4. Test Deviation

There is no deviation with the original standard.

3.5.5. Test Results

Refer to Annex A.5 in this report.

Note 1: The spurious emissions mask that displayed on the plots is composed of several frequency ranges below:

Range	Start Freq. (MHz)	Stop Freq. (MHz)	RBW	VBW	Detector Type	Trace Mode	Limit (nW)
1	30	1000	100kHz	100kHz	Peak	Max Hold	4
2	1000	12500	1MHz	1MHz	Peak	Max Hold	20

Note 2: Only the spurious with the minimum margin from the limit line will be displayed in the mark table (The lower window on the test plots).



3.6.E.I.R.P.

3.6.1.Limits

Type	Frequency Range	Limits
FHSS	2427-2470.75 MHz	6.91-16.91dBm/MHz
	2400-2483.5 MHz (except 2427-2470.75 MHz)	12.14-22.14dBm/MHz
DSSS	2400-2483.5 MHz	12.14-22.14dBm/MHz
OFDM	2400-2483.5 MHz	12.14-22.14dBm/MHz (20MHz System) 9.13-19.13dBm/MHz (40MHz System)
Other	2400-2483.5 MHz	12.14-22.14dBm (GFSK) 10dBm (except GFSK)

Note: This item not be applied to the transmission antenna which has a gain of 2.14dBi or less

3.6.2.Test Procedures

According to MIC Notice No. 88 Annex 43.

3.6.3.Test Setup Layout

Refer to chapter 2.7.2 in this report.

3.6.4.Test Deviation

There is no deviation with the original standard.

3.6.5.Test Results

Refer to Annex A.6 in this report.



3.7. Radiation Angle of Antenna

3.7.1. Limits

Type	Limits
FHSS	360° /A; (A= E.I.R.P./ 6.91, if A<1; then A=1)
DSSS	360° /A; (A= E.I.R.P./ 12.14, if A<1; then A=1)
OFDM	
Other	

Note: This item not be applied to the transmission antenna which has a gain of 2.14dBi or less

3.7.2. Test Procedures

According to MIC Notice No. 88 Annex 43.

3.7.3. Test Setup Layout

Refer to chapter 2.7.3 in this report.

3.7.4. Test Deviation

There is no deviation with the original standard.

3.7.5. Test Results

Refer to Annex A.7 in this report.

Note: Each of these EUT operation modes mentioned in clause 2.2 has been evaluated respectively in pre-scanning, only the data of worst case was included in this report.



3.8. Radio Interference Prevention Capability

3.8.1. Limits

The one automatically to transmit and to receive identification code with the wireless equipment of the wireless station used in the same premises.

3.8.2. Test Procedures

According to MIC Notice No. 88 Annex 43.

3.8.3. Test Setup Layout

Refer to chapter 2.7.4 in this report.

3.8.4. Test Deviation

There is no deviation with the original standard.

3.8.5. Test Results

Refer to Annex A.8 in this report.



3.9. Carrier Sense Function

3.9.1. Limits

Type	Requirements		
	BW	Required?	Note
FHSS	-	-	
OFDM	40MHz	Y	
	20MHz	-	When the E.I.R.P. shortage is compensated by the antenna power, the transmitter shall have a carrier sensing function. (Excluding "Other method" transmitters that switch frequencies within 4 seconds from the start of transmission)
DSSS	-	-	
Other	-	-	
Good – EUT stop RF transmission signal after carrier inject to EUT. (On 22.79 +AG-20*log(f) dBm) (AG: dBi; f:MHz) or 100mV/m)			

3.9.2. Test Procedures

According to MIC Notice No. 88 Annex 43.

3.9.3. Test Setup Layout

Refer to chapter 2.7.5 in this report.

3.9.4. Test Deviation

There is no deviation with the original standard.

3.9.5. Test Results

Refer to Annex A.9 in this report.

3.10. Construction Protection Confirmation Method

3.10.1.Limits

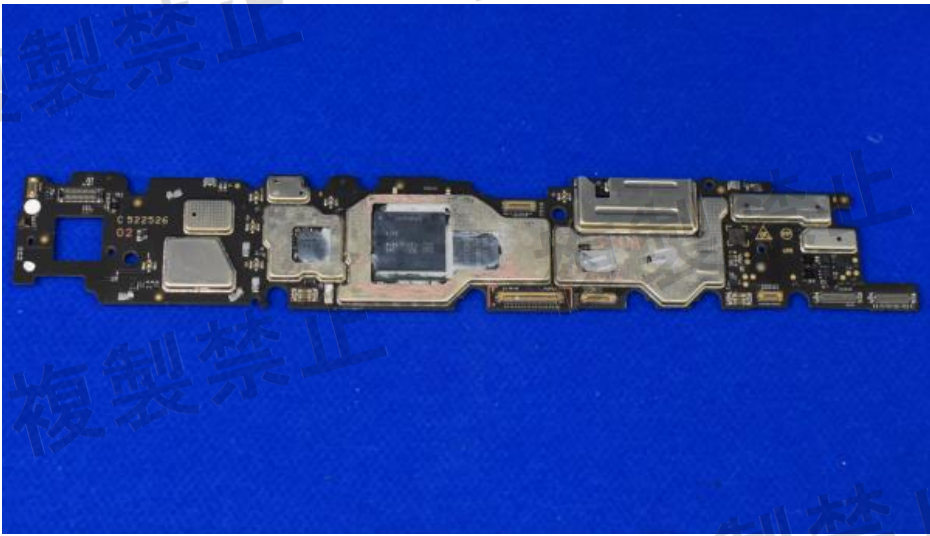
The high-frequency section and modulation section of the radio equipment except for the antenna system shall not be capable of being opened easily.

3.10.2.Confirmation Method

The RF and modulation portions are protected against illegal modification as following method:

Protected Method	Description
Shield	The RF module use a shield to protect the RF and modulation portions, if the shield is removed, the module will be damaged to the point that it will not work properly.

3.10.3.Reference Documents

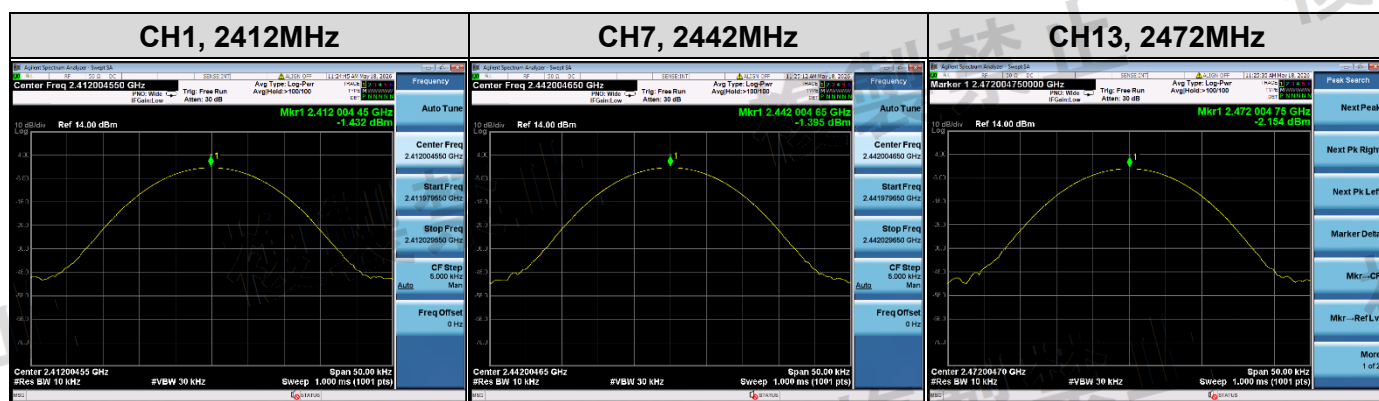
Reference Documents	Item
Photo	



Annex A Test Data and Results

A.1. Frequency Error

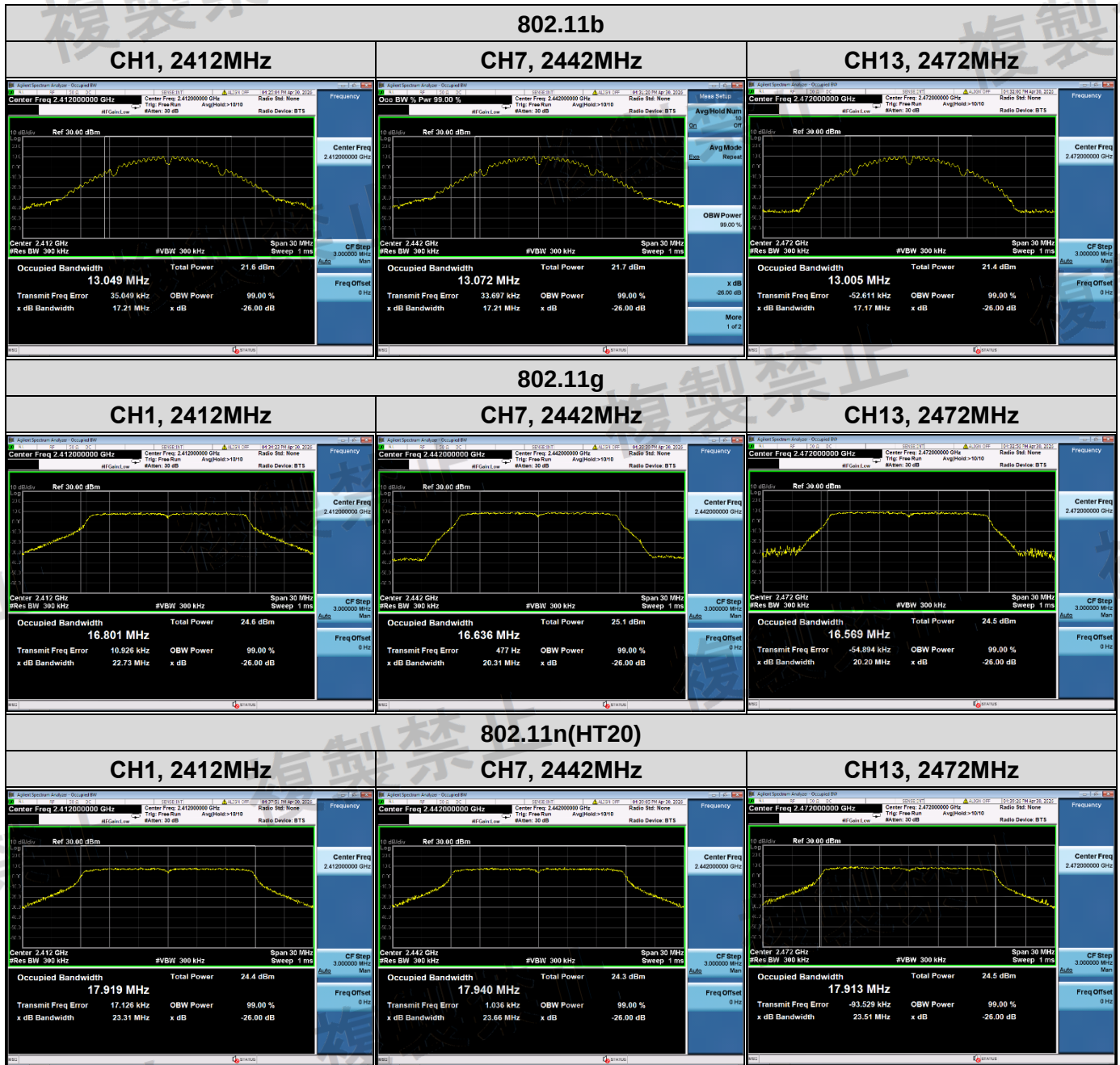
Channel	Frequency f_c (MHz)	Test Frequency f (MHz)	Frequency Error (ppm)	Verdict
1	2412	2412.0045	1.87	PASS
7	2442	2442.0047	1.92	PASS
13	2472	2472.0048	1.94	PASS

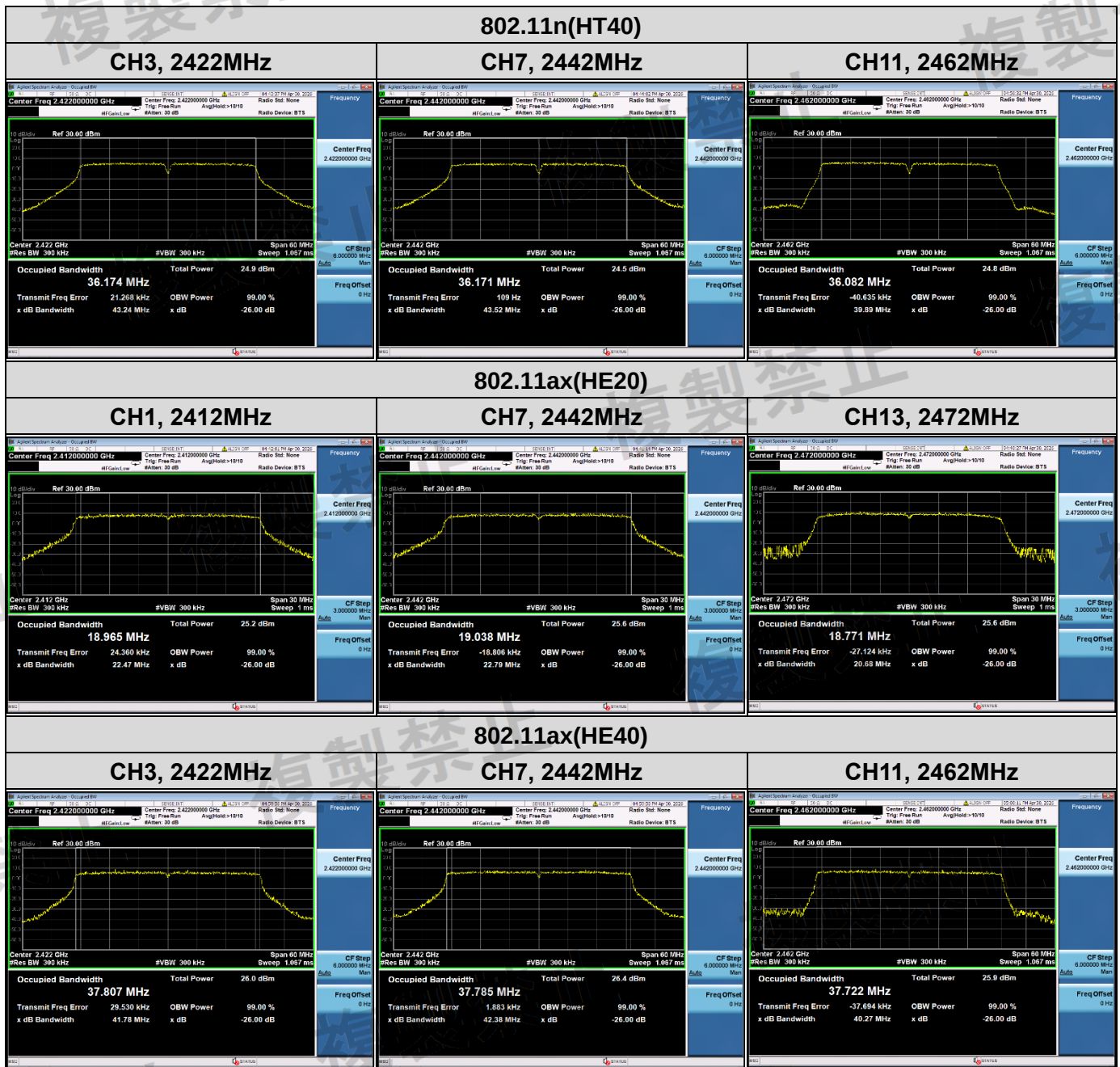


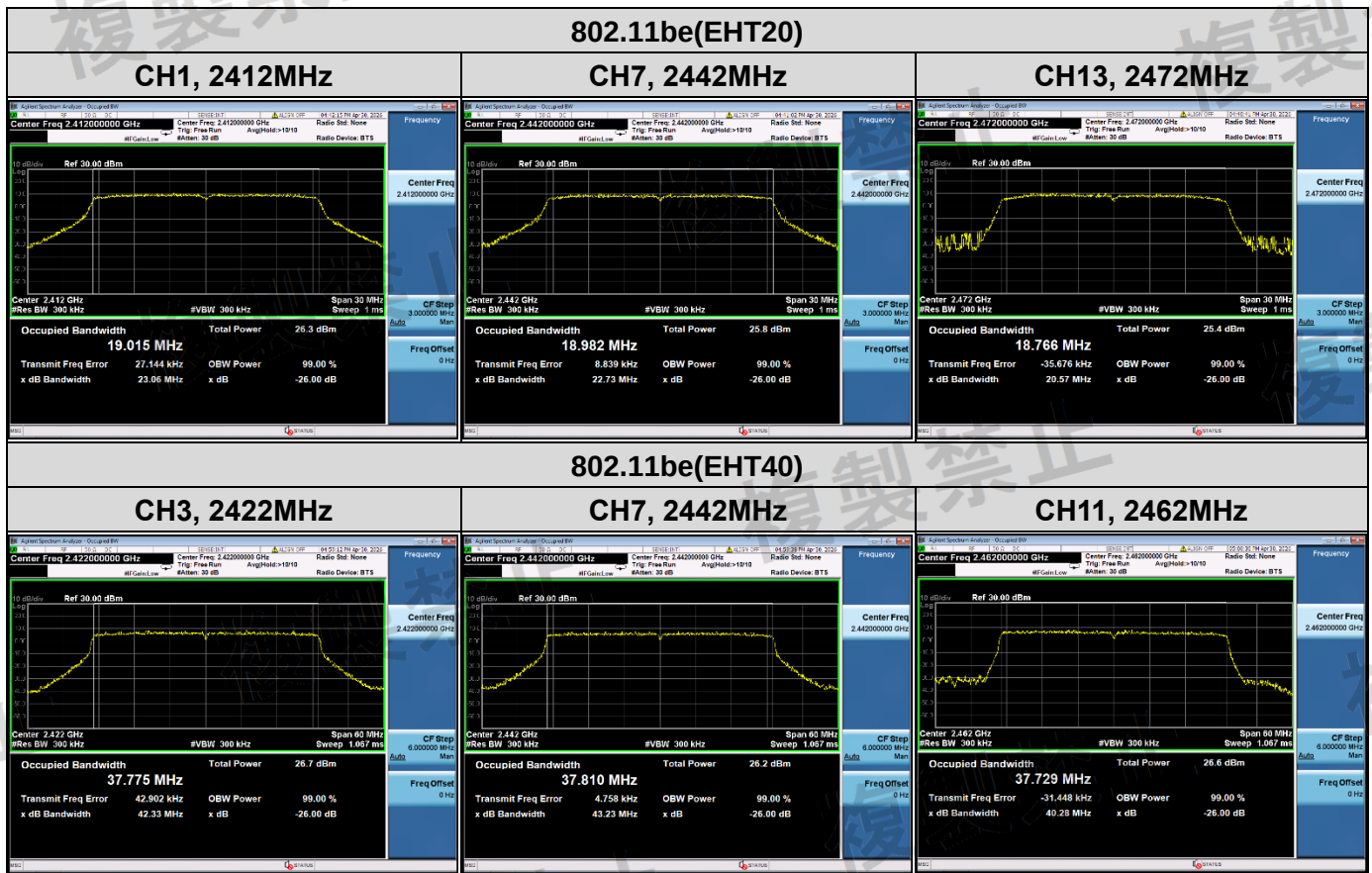


A.2. Occupied Bandwidth

Mode	Channel	Frequency (MHz)	99% OBW(MHz)	Verdict
802.11b	1	2412	13.049	PASS
	7	2442	13.072	PASS
	13	2472	13.005	PASS
802.11g	1	2412	16.801	PASS
	7	2442	16.636	PASS
	13	2472	16.569	PASS
802.11n(HT20)	1	2412	17.919	PASS
	7	2442	17.940	PASS
	13	2472	17.913	PASS
802.11n(HT40)	3	2422	36.174	PASS
	7	2442	36.171	PASS
	11	2462	36.082	PASS
802.11ax(HE20)	1	2412	18.965	PASS
	7	2442	19.038	PASS
	13	2472	18.771	PASS
802.11ax(HE40)	3	2422	37.807	PASS
	7	2442	37.785	PASS
	11	2462	37.722	PASS
802.11be(EHT20)	1	2412	19.015	PASS
	7	2442	18.982	PASS
	13	2472	18.766	PASS
802.11be(EHT40)	3	2422	37.775	PASS
	7	2442	37.810	PASS
	11	2462	37.729	PASS



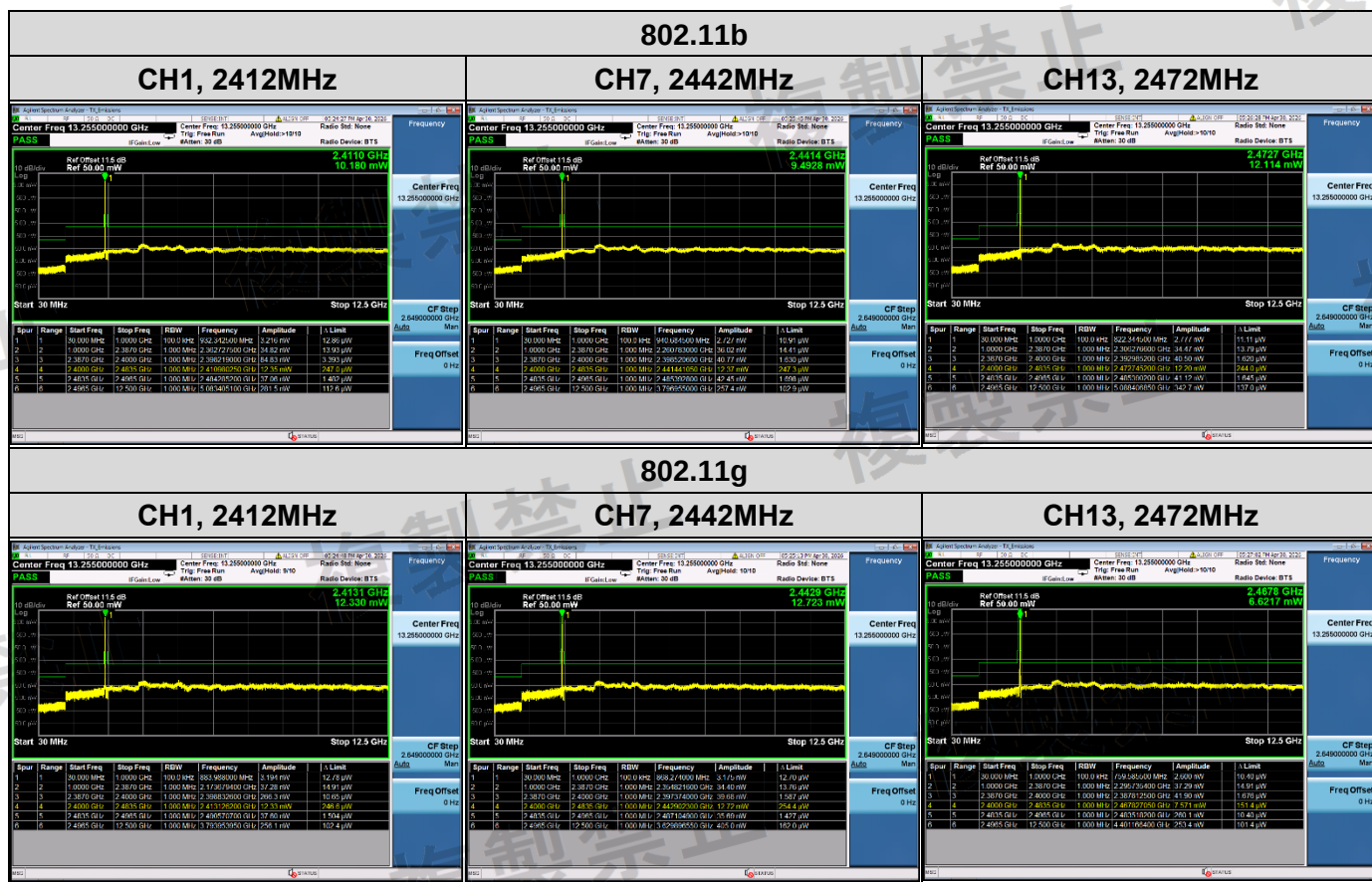


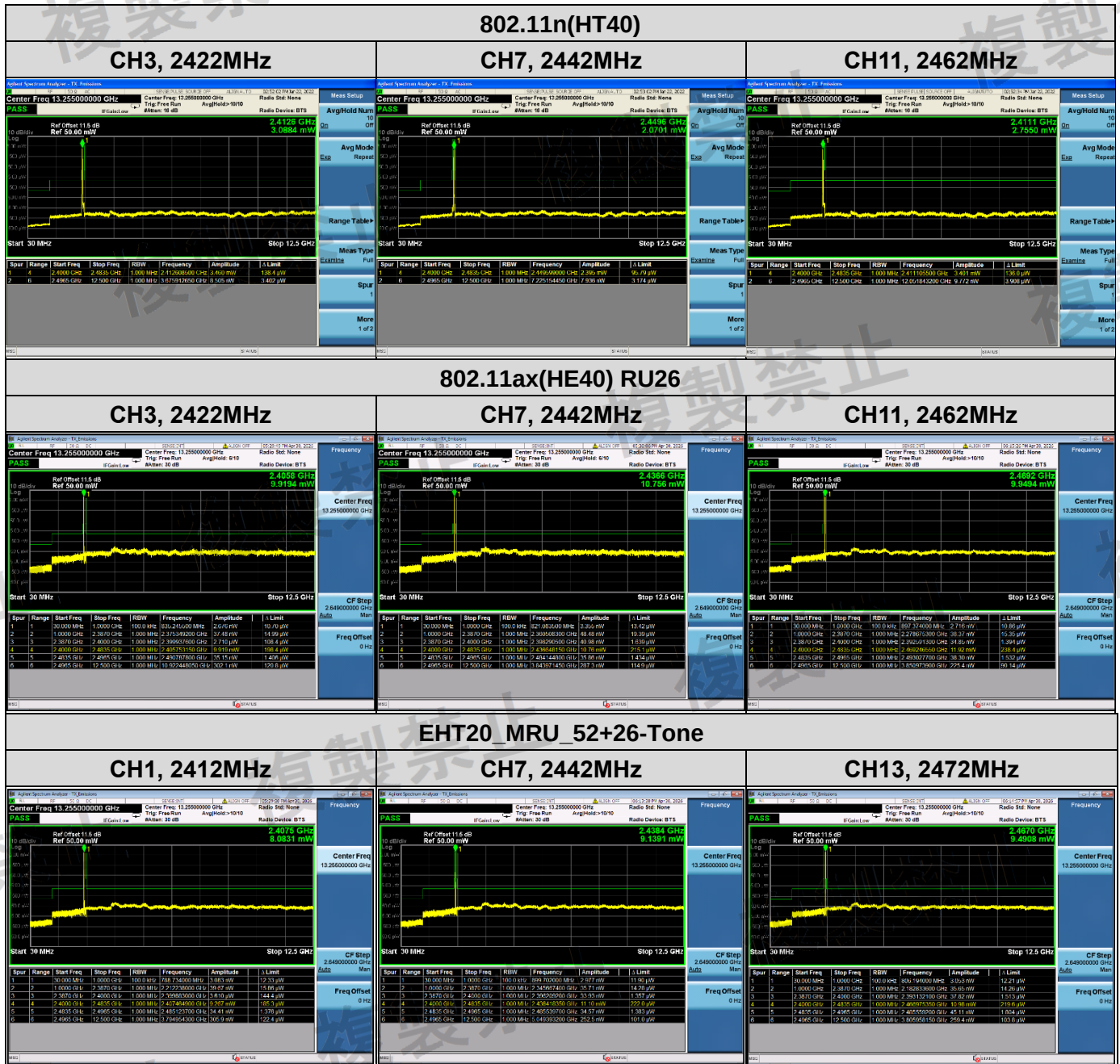




A.3. Unwanted Emission Intensity

Mode	Frequency Range (MHz)	Test Result Value	Limit	Verdict
802.11b/g/n/ax/be/ MRU_52+26-Tone/ MRU_106+26-Tone	30~1000	Refer to below plot	0.25μW/100kHz	PASS
	1000~2387		2.5μW/MHz	PASS
	2387~2400		25μW/MHz	PASS
	2483.5~2496.5		25μW/MHz	PASS
	2496.5~12500		2.5μW/MHz	PASS







A.4. Antenna Power Error

ANT 2

Mode	Channel	Test Value P _t (dBm/ MHz)	Duty Factor	Antenna Power P(dBm/ MHz)	Antenna Power P (mW/ MHz)	Declare Power (mW/ MHz)	Antenna Power Error	Verdict
802.11b	2412	9.70	0.00	9.70	9.33	9.50	-1.79%	PASS
	2442	9.86		9.86	9.68		1.89%	PASS
	2472	9.86		9.86	9.68		1.89%	PASS
802.11g	2412	6.00	0.00	6.00	3.98	4.50	-11.56%	PASS
	2442	6.19		6.19	4.16		-7.56%	PASS
	2472	6.66		6.66	4.63		2.89%	PASS
802.11n (HT20)	2412	5.72	0.00	5.72	3.73	4.50	-17.11%	PASS
	2442	5.96		5.96	3.94		-12.44%	PASS
	2472	6.25		6.25	4.22		-6.22%	PASS
802.11ax (HE20)	2412	5.96	0.00	5.96	3.94	4.50	-12.44%	PASS
	2442	6.24		6.24	4.21		-6.44%	PASS
	2472	6.33		6.33	4.30		-4.44%	PASS
HE20_ru26	2412	5.51	0.00	5.51	3.56	4.50	-20.89%	PASS
	2442	6.71		6.71	4.69		4.22%	PASS
	2472	6.42		6.42	4.39		-2.44%	PASS
HE20_ru52	2412	6.06	0.00	6.06	4.04	4.50	-10.22%	PASS
	2442	6.28		6.28	4.25		-5.56%	PASS
	2472	6.14		6.14	4.11		-8.67%	PASS
HE20_ru106	2412	6.26	0.00	6.26	4.23	4.50	-6.00%	PASS
	2442	6.71		6.71	4.69		4.22%	PASS
	2472	6.16		6.16	4.13		-8.22%	PASS
802.11be (EHT20)	2412	6.07	0.00	6.07	4.05	4.50	-10.00%	PASS
	2442	5.98		5.98	3.96		-12.00%	PASS
	2472	6.42		6.42	4.39		-2.44%	PASS
EHT20_ru26	2412	6.15	0.00	6.15	4.12	4.50	-8.44%	PASS
	2442	6.49		6.49	4.46		-0.89%	PASS
	2472	6.32		6.32	4.29		-4.67%	PASS
EHT20_ru52	2412	6.03	0.00	6.03	4.01	4.50	-10.89%	PASS
	2442	6.36		6.36	4.33		-3.78%	PASS
	2472	6.22		6.22	4.19		-6.89%	PASS
EHT20_ru10	2412	6.12	0.00	6.12	4.09	4.50	-9.11%	PASS



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6	2442	6.54		6.54	4.51		0.22%	PASS
	2472	6.22		6.22	4.19		-6.89%	PASS
802.11n (HT40)	2422	2.81	0.00	2.81	1.91	4.50	-57.56%	PASS
	2442	3.21		3.21	2.09		-53.56%	PASS
	2462	3.33		3.33	2.15		-52.22%	PASS
802.11ax (HE40)	2422	2.54	0.00	2.54	1.79	4.50	-60.22%	PASS
	2442	2.88		2.88	1.94		-56.89%	PASS
	2462	3.09		3.09	2.04		-54.67%	PASS
HE40_ru26	2422	3.07	0.00	3.07	2.03	4.50	-54.89%	PASS
	2442	3.45		3.45	2.21		-50.89%	PASS
	2462	2.66		2.66	1.85		-58.89%	PASS
HE40_ru52	2422	2.65	0.00	2.65	1.84	4.50	-59.11%	PASS
	2442	2.98		2.98	1.99		-55.78%	PASS
	2462	2.40		2.40	1.74		-61.33%	PASS
HE40_ru106	2422	2.25	0.00	2.25	1.68	4.50	-62.67%	PASS
	2442	2.53		2.53	1.79		-60.22%	PASS
	2462	2.17		2.17	1.65		-63.33%	PASS
802.11be (EHT40)	2422	2.82	0.00	2.82	1.91	4.50	-57.56%	PASS
	2442	2.85		2.85	1.93		-57.11%	PASS
	2462	3.06		3.06	2.02		-55.11%	PASS
EHT40_ru26	2422	2.39	0.00	2.39	1.73	4.50	-61.56%	PASS
	2442	2.66		2.66	1.85		-58.89%	PASS
	2462	2.17		2.17	1.65		-63.33%	PASS
EHT40_ru52	2422	2.19	0.00	2.19	1.66	4.50	-63.11%	PASS
	2442	2.55		2.55	1.80		-60.00%	PASS
	2462	2.01		2.01	1.59		-64.67%	PASS
EHT40_ru106	2422	2.48	0.00	2.48	1.77	4.50	-60.67%	PASS
	2442	2.76		2.76	1.89		-58.00%	PASS
	2462	2.35		2.35	1.72		-61.78%	PASS
EHT20_52+ 26-Tone	2412	5.57	0.00	5.57	3.61	4.00	-9.75%	PASS
	2442	5.83		5.83	3.83		-4.25%	PASS
	2472	5.71		5.71	3.72		-7.00%	PASS
EHT20_106 +26-Tone	2412	5.49	0.00	5.49	3.54	4.00	-11.50%	PASS
	2442	5.82		5.82	3.82		-4.50%	PASS
	2472	5.81		5.81	3.81		-4.75%	PASS
EHT40_52+ 26-Tone	2422	2.50	0.00	2.50	1.78	2.00	-11.00%	PASS
	2442	2.41		2.41	1.74		-13.00%	PASS
	2462	2.51		2.51	1.78		-11.00%	PASS



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EHT40_106 +26-Tone	2422	2.77	0.00	2.77	1.89	2.00	-5.50%	PASS
	2442	2.80		2.80	1.91		-4.50%	PASS
	2462	2.76		2.76	1.89		-5.50%	PASS



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ANT 3:

Mode	Channel	Test Value P _t (dBm/ MHz)	Duty Factor	Antenna Power P(dBm/ MHz)	Antenna Power P (mW/ MHz)	Declare Power (mW/ MHz)	Antenna Power Error	Verdict
802.11b	2412	9.94	0.00	9.94	9.86	9.50	3.79%	PASS
	2442	9.89		9.89	9.75		2.63%	PASS
	2472	9.83		9.83	9.62		1.26%	PASS
802.11g	2412	6.37	0.00	6.37	4.34	4.50	-3.56%	PASS
	2442	6.37		6.37	4.34		-3.56%	PASS
	2472	6.68		6.68	4.66		3.56%	PASS
802.11n (HT20)	2412	6.46	0.00	6.46	4.43	4.50	-1.56%	PASS
	2442	6.12		6.12	4.09		-9.11%	PASS
	2472	6.07		6.07	4.05		-10.00%	PASS
802.11ax (HE20)	2412	5.92	0.00	5.92	3.91	4.50	-13.11%	PASS
	2442	5.97		5.97	3.95		-12.22%	PASS
	2472	6.24		6.24	4.21		-6.44%	PASS
HE20_ru26	2412	6.45	0.00	6.45	4.42	4.50	-1.78%	PASS
	2442	6.88		6.88	4.88		8.44%	PASS
	2472	6.77		6.77	4.75		5.56%	PASS
HE20_ru52	2412	6.01	0.00	6.01	3.99	4.50	-11.33%	PASS
	2442	6.77		6.77	4.75		5.56%	PASS
	2472	6.83		6.83	4.82		7.11%	PASS
HE20_ru106	2412	6.44	0.00	6.44	4.41	4.50	-2.00%	PASS
	2442	6.85		6.85	4.84		7.56%	PASS
	2472	6.24		6.24	4.21		-6.44%	PASS
802.11be (EHT20)	2412	6.50	0.00	6.50	4.47	4.50	-0.67%	PASS
	2442	6.12		6.12	4.09		-9.11%	PASS
	2472	6.53		6.53	4.50		0.00%	PASS
EHT20_ru26	2412	6.22	0.00	6.22	4.19	4.50	-6.89%	PASS
	2442	6.63		6.63	4.60		2.22%	PASS
	2472	6.42		6.42	4.39		-2.44%	PASS
EHT20_ru52	2412	6.43	0.00	6.43	4.40	4.50	-2.22%	PASS
	2442	6.40		6.40	4.37		-2.89%	PASS
	2472	6.21		6.21	4.18		-7.11%	PASS
EHT20_ru10 6	2412	6.15	0.00	6.15	4.12	4.50	-8.44%	PASS
	2442	6.50		6.50	4.47		-0.67%	PASS



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	2472	6.23		6.23	4.20		-6.67%	PASS
802.11n (HT40)	2422	3.41	0.00	3.41	2.19	4.50	-51.33%	PASS
	2442	3.17		3.17	2.07		-54.00%	PASS
	2462	3.66		3.66	2.32		-48.44%	PASS
802.11ax (HE40)	2422	3.15	0.00	3.15	2.07	4.50	-54.00%	PASS
	2442	3.14		3.14	2.06		-54.22%	PASS
	2462	3.38		3.38	2.18		-51.56%	PASS
HE40_ru26	2422	3.39	0.00	3.39	2.18	4.50	-51.56%	PASS
	2442	3.38		3.38	2.18		-51.56%	PASS
	2462	2.81		2.81	1.91		-57.56%	PASS
HE40_ru52	2422	2.78	0.00	2.78	1.90	4.50	-57.78%	PASS
	2442	3.10		3.10	2.04		-54.67%	PASS
	2462	2.52		2.52	1.79		-60.22%	PASS
HE40_ru106	2422	2.58	0.00	2.58	1.81	4.50	-59.78%	PASS
	2442	2.71		2.71	1.87		-58.44%	PASS
	2462	2.32		2.32	1.71		-62.00%	PASS
802.11be (EHT40)	2422	2.97	0.00	2.97	1.98	4.50	-56.00%	PASS
	2442	2.88		2.88	1.94		-56.89%	PASS
	2462	3.15		3.15	2.07		-54.00%	PASS
EHT40_ru26	2422	2.79	0.00	2.79	1.90	4.50	-57.78%	PASS
	2442	2.77		2.77	1.89		-58.00%	PASS
	2462	2.35		2.35	1.72		-61.78%	PASS
EHT40_ru52	2422	2.64	0.00	2.64	1.84	4.50	-59.11%	PASS
	2442	2.45		2.45	1.76		-60.89%	PASS
	2462	2.07		2.07	1.61		-64.22%	PASS
EHT40_ru106	2422	2.59	0.00	2.59	1.82	4.50	-59.56%	PASS
	2442	2.66		2.66	1.85		-58.89%	PASS
	2462	2.41		2.41	1.74		-61.33%	PASS
EHT20_52+ 26-Tone	2412	5.96	0.00	5.96	3.94	4.00	-1.50%	PASS
	2442	5.85		5.85	3.85		-3.75%	PASS
	2472	6.00		6.00	3.98		-0.50%	PASS
EHT20_106 +26-Tone	2412	5.91	0.00	5.91	3.90	4.00	-2.50%	PASS
	2442	5.84		5.84	3.84		-4.00%	PASS
	2472	5.88		5.88	3.87		-3.25%	PASS
EHT40_52+ 26-Tone	2422	2.88	0.00	2.88	1.94	2.00	-3.00%	PASS
	2442	2.69		2.69	1.86		-7.00%	PASS
	2462	2.71		2.71	1.87		-6.50%	PASS
EHT40_106	2422	2.83	0.00	2.83	1.92	2.00	-4.00%	PASS



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+26-Tone	2442	2.83		2.83	1.92		-4.00%	PASS
	2462	2.78		2.78	1.90		-5.00%	PASS



ANT 2+3:

Mode	Channel	Antenna Power P (mW/MHz)	Declare Power (mW/MHz)	Antenna Power Error	Verdict
802.11n (HT20)	2412	8.16	9.00	-9.33%	PASS
	2442	8.03		-10.78%	PASS
	2472	8.27		-8.11%	PASS
802.11ax (HE20)	2412	7.85	9.00	-12.78%	PASS
	2442	8.16		-9.33%	PASS
	2472	8.51		-5.44%	PASS
HE20_ru26	2412	7.98	9.00	-11.33%	PASS
	2442	9.57		6.33%	PASS
	2472	9.14		1.56%	PASS
HE20_ru52	2412	8.03	9.00	-10.78%	PASS
	2442	9.00		0.00%	PASS
	2472	8.93		-0.78%	PASS
HE20_ru106	2412	8.64	9.00	-4.00%	PASS
	2442	9.53		5.89%	PASS
	2472	8.34		-7.33%	PASS
802.11be (EHT20)	2412	8.52	9.00	-5.33%	PASS
	2442	8.05		-10.56%	PASS
	2472	8.89		-1.22%	PASS
EHT20_ru26	2412	8.31	9.00	-7.67%	PASS
	2442	9.06		0.67%	PASS
	2472	8.68		-3.56%	PASS
EHT20_ru52	2412	8.41	9.00	-6.56%	PASS
	2442	8.70		-3.33%	PASS
	2472	8.37		-7.00%	PASS
EHT20_ru106	2412	8.21	9.00	-8.78%	PASS
	2442	8.98		-0.22%	PASS
	2472	8.39		-6.78%	PASS
802.11n (HT40)	2422	4.10	9.00	-54.44%	PASS
	2442	4.16		-53.78%	PASS
	2462	4.47		-50.33%	PASS
802.11ax (HE40)	2422	3.86	9.00	-57.11%	PASS
	2442	4.00		-55.56%	PASS
	2462	4.22		-53.11%	PASS
HE40_ru26	2422	4.21	9.00	-53.22%	PASS



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	2442	4.39		-51.22%	PASS
	2462	3.76		-58.22%	PASS
HE40_ru52	2422	3.74	9.00	-58.44%	PASS
	2442	4.03		-55.22%	PASS
	2462	3.53		-60.78%	PASS
HE40_ru106	2422	3.49	9.00	-61.22%	PASS
	2442	3.66		-59.33%	PASS
	2462	3.36		-62.67%	PASS
802.11be (EHT40)	2422	3.89	9.00	-56.78%	PASS
	2442	3.87		-57.00%	PASS
	2462	4.09		-54.56%	PASS
EHT40_ru26	2422	3.63	9.00	-59.67%	PASS
	2442	3.74		-58.44%	PASS
	2462	3.37		-62.56%	PASS
EHT40_ru52	2422	3.50	9.00	-61.11%	PASS
	2442	3.56		-60.44%	PASS
	2462	3.20		-64.44%	PASS
EHT40_ru106	2422	3.59	9.00	-60.11%	PASS
	2442	3.74		-58.44%	PASS
	2462	3.46		-61.56%	PASS
EHT20_52+26 -Tone	2412	7.55	8.00	-5.63%	PASS
	2442	7.68		-4.00%	PASS
	2472	7.70		-3.75%	PASS
EHT20_106+2 6-Tone	2412	7.44	8.00	-7.00%	PASS
	2442	7.66		-4.25%	PASS
	2472	7.68		-4.00%	PASS
EHT40_52+26 -Tone	2422	3.72	4.00	-7.00%	PASS
	2442	3.60		-10.00%	PASS
	2462	3.65		-8.75%	PASS
EHT40_106+2 6-Tone	2422	3.81	4.00	-4.75%	PASS
	2442	3.83		-4.25%	PASS
	2462	3.79		-5.25%	PASS



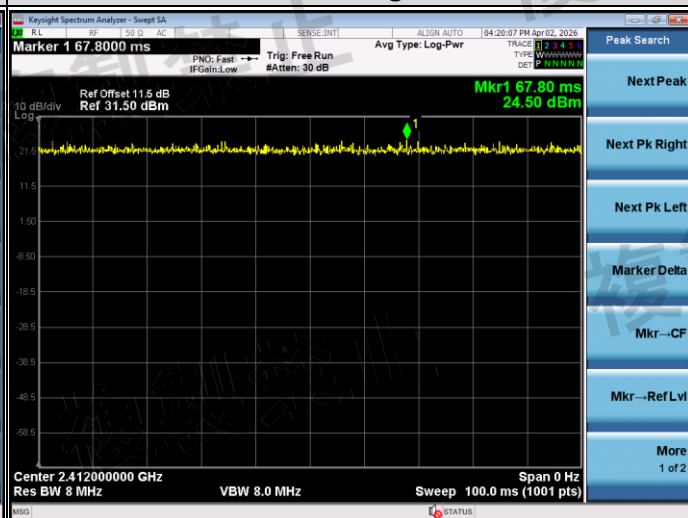
REPORT No.: SZ26030132W03

Duty Cycle

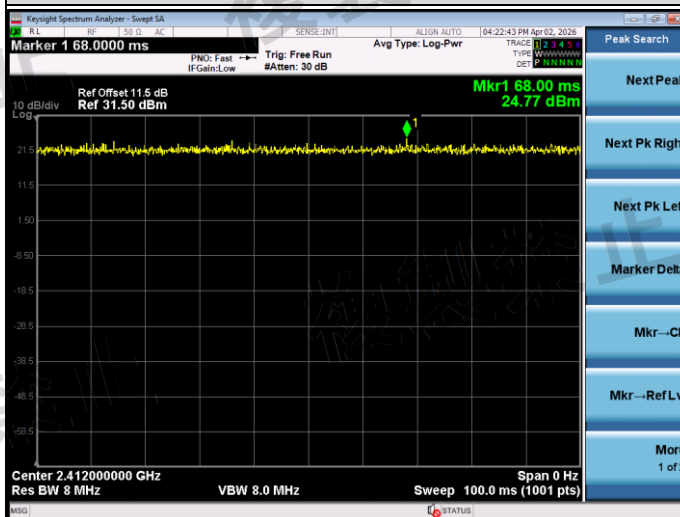
802.11b



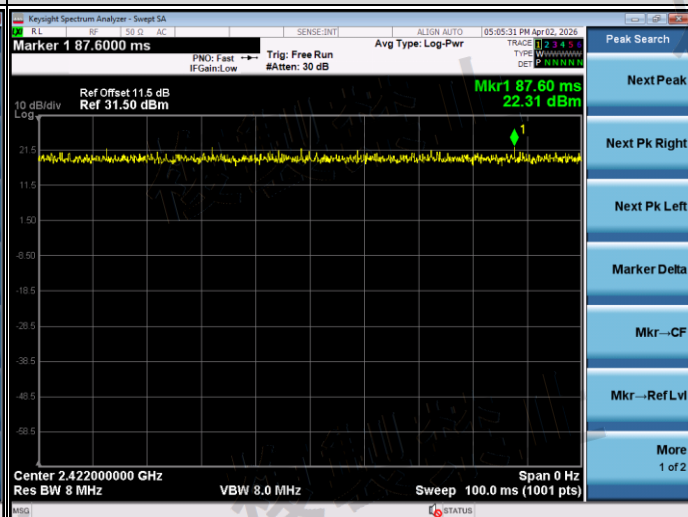
802.11g



802.11n(HT20)



802.11n(HT40)



MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL 1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen, Guangdong Province, P. R. China

Tel: 86-755-36698555

Http://www.morlab.cn

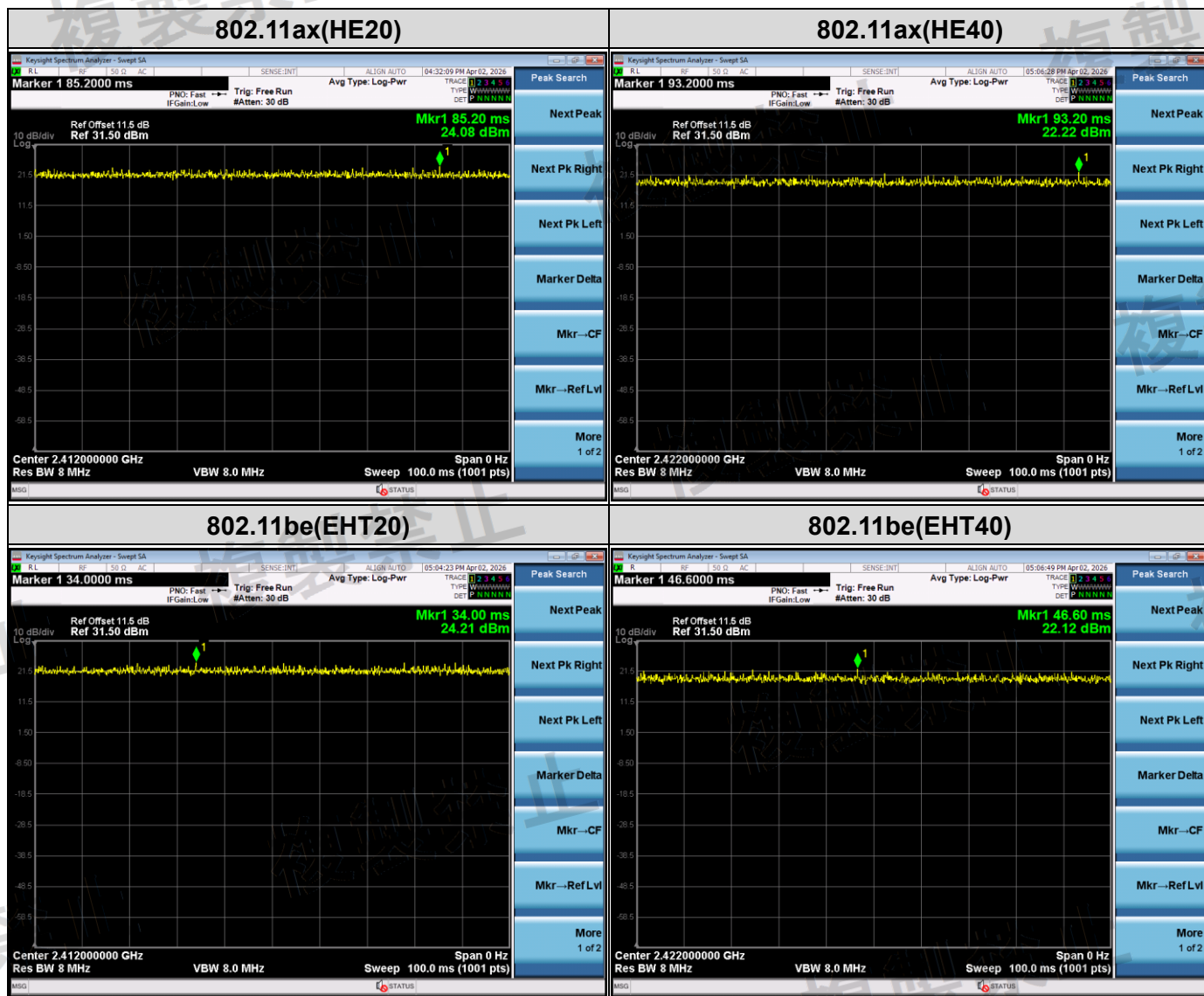
Fax: 86-755-36698525

E-mail: service@morlab.cn



複製禁止

REPORT No.: SZ26030132W03



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MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL 1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen, Guangdong Province, P. R. China

Tel: 86-755-36698555
Http://www.morlab.cn

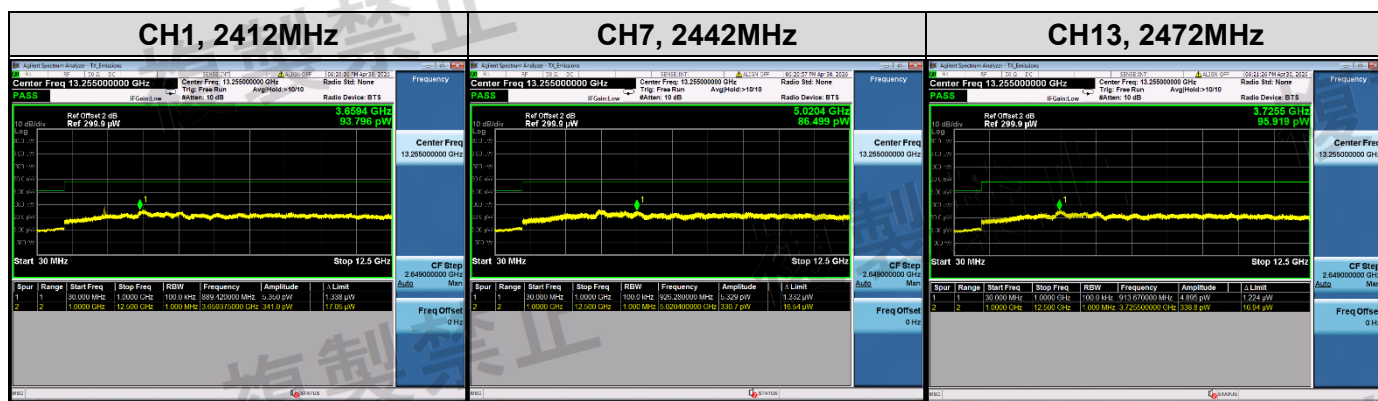
Fax: 86-755-36698525
E-mail: service@morlab.cn

複製禁止



A.5. Limitation of Collateral Emission of Receiver

Mode	Frequency Range (MHz)	Test Result Value	Limit	Verdict
Receive	30~1000	Refer to below plot	4nW/100kHz	PASS
	1000~12500		20nW/MHz	PASS





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A.6. E.I.R.P.

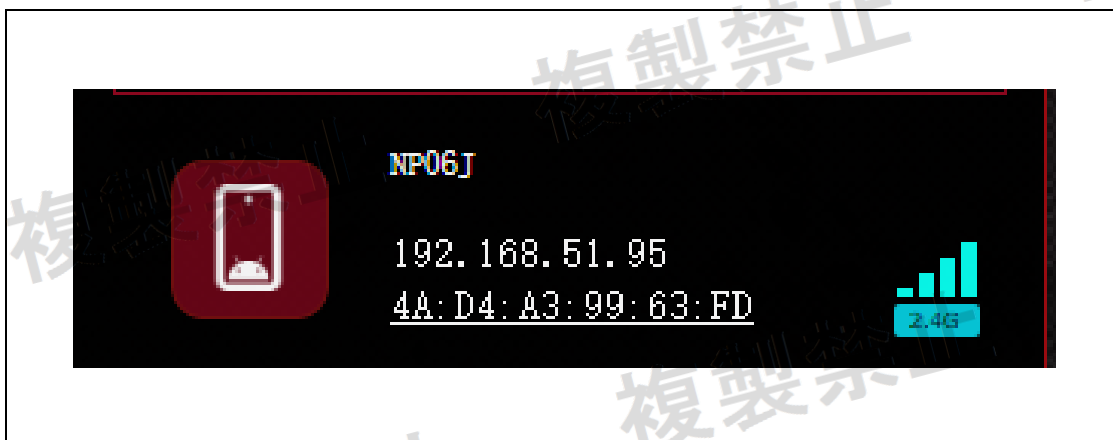
Note: This test item will not be applied to the transmission antenna which has a gain of 2.14dBi or less.

A.7. Radiation Angle of Antenna

Note: This test item will not be applied to the transmission antenna which has a gain of 2.14dBi or less.

A.8. Radio Interference Prevention Capability

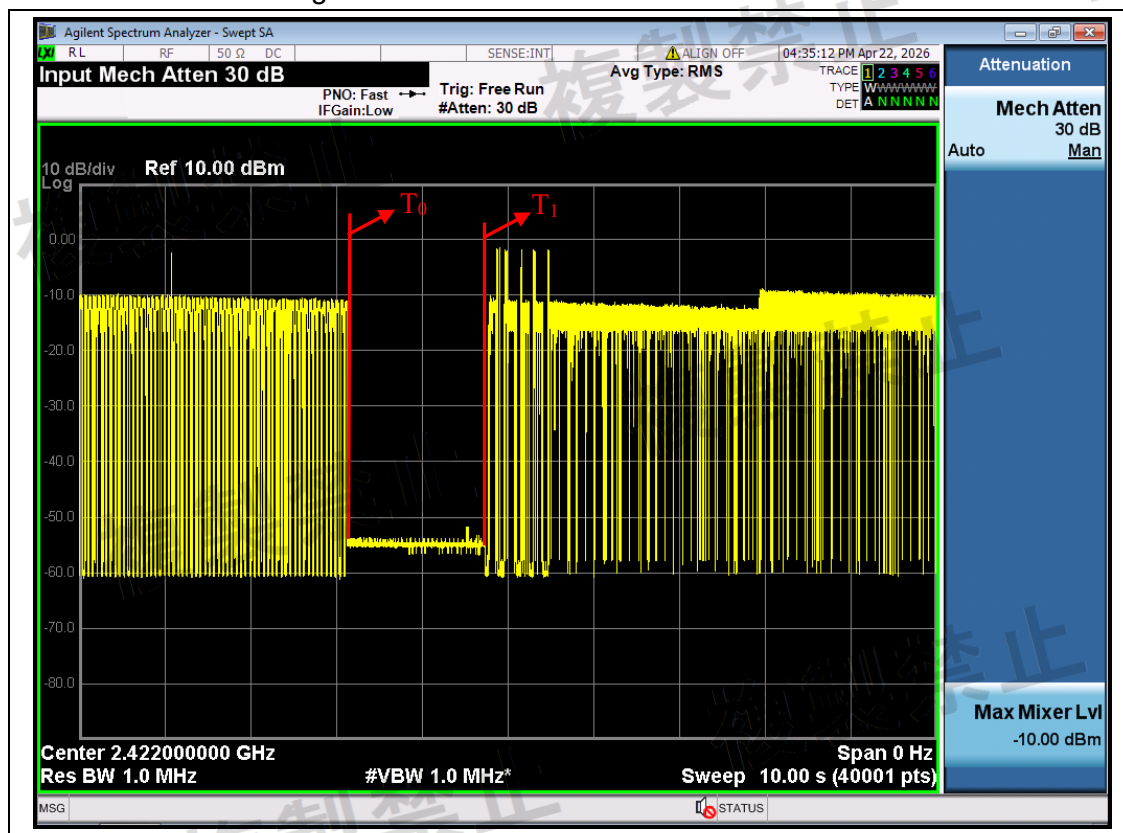
The identification code of the EUT is: 4A:DA:A3:99:63:FD





A.9. Carrier Sense Function

The carrier sense function is good.





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Notes

1. The report shall have report stamp or our company stamp.
2. The report shall be invalid without all the signatures of the editor and approver.
3. The report shall not be changed.
4. Any objections must be raised to Morlab within 15 days since the date when the report is received. It will not be taken into consideration beyond this limit.
5. Conformity declaration:
 - ☒ Morlab issues a statement of conformity based on the corresponding standards (default)
 - ☐ Morlab issues a statement of conformity based on the applicant requirement
6. Use of uncertainty of measurement for decisions on conformity (decision rule):

No decision rule is specified by the testing standard, when comparing the measurement result with the applicable limit according to the specification in that standard. The decisions on conformity are made without applying the measurement uncertainty ("simple acceptance" decision rule).

_____ END OF REPORT _____