



# Worldwide Testing Services(Taiwan) Co., Ltd.

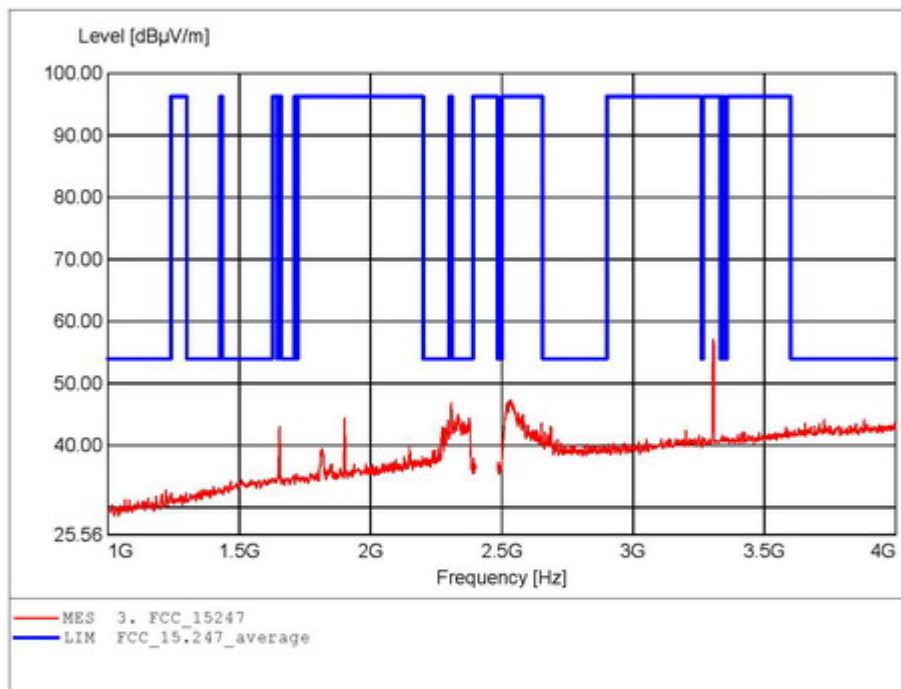
Registration number: W6D20807-9226-P-15-T

FCC ID: R48CTRL24GAWTX

Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C / LP0002

Order Number : W6D20807-9226 high channel Tx  
Test Site / Operator: WTS / Danny  
Temperature: Temp.: 23.9°C  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Freq: 3.305GHz, Emax: 57.04dBμV/m, RBW: 1MHz



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## Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



# Worldwide Testing Services(Taiwan) Co., Ltd.

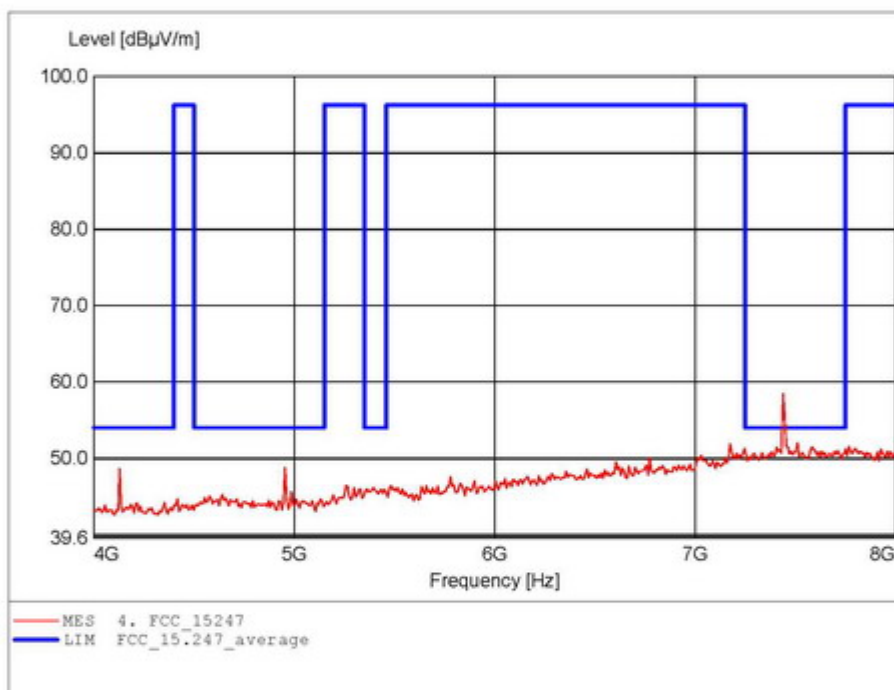
Registration number: W6D20807-9226-P-15-T

FCC ID: R48CTRL24GAWTX

Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C / LP0002

Order Number : W6D20807-9226 high channel Tx  
Test Site / Operator: WTS / Danny  
Temperature: Temp.: 23.9°C  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Freq: 7.439GHz, Emax: 58.46dBμV/m, RBW: 1MHz



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**Note:**

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# Worldwide Testing Services(Taiwan) Co., Ltd.

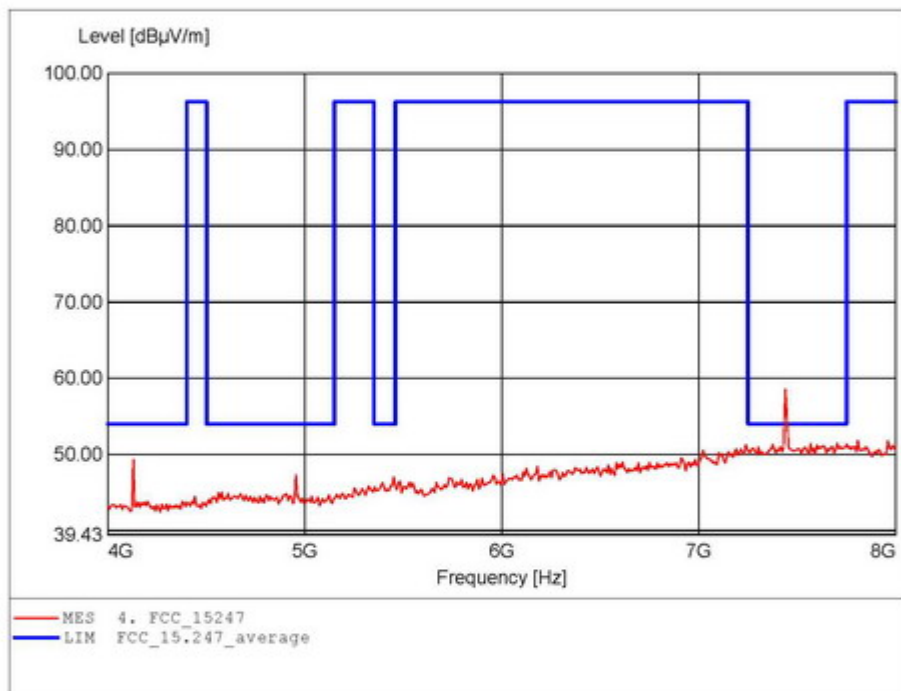
Registration number: W6D20807-9226-P-15-T

FCC ID: R48CTRL24GAWTX

Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C / LP0002

Order Number : W6D20807-9226 high channel Tx  
Test Site / Operator: WTS / Danny  
Temperature: Temp.: 23.9°C  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Freq: 7.439GHz, Emax: 58.53dBμV/m, RBW: 1MHz



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## Note:

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# Worldwide Testing Services(Taiwan) Co., Ltd.

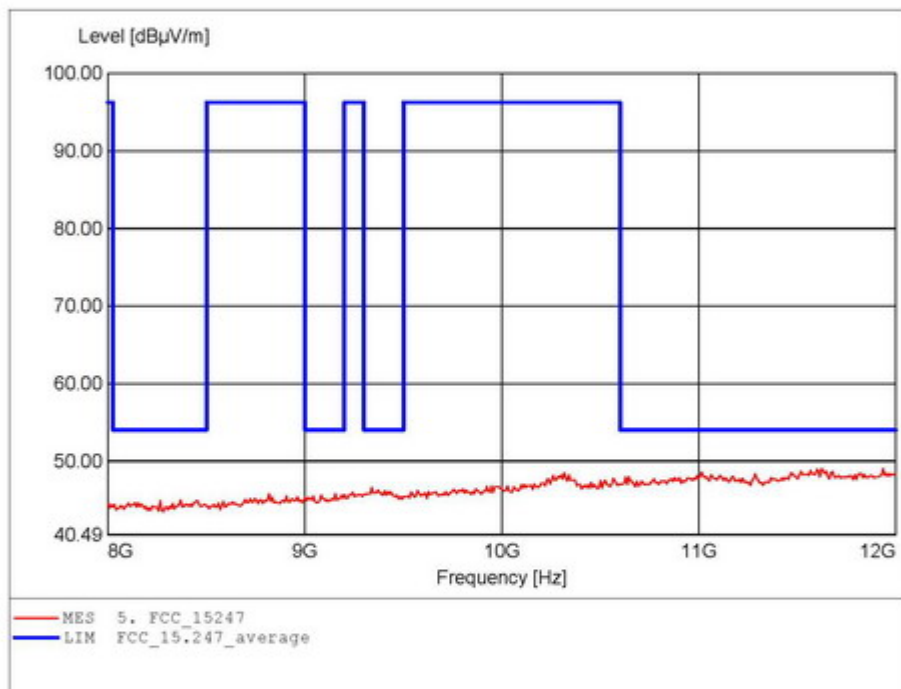
Registration number: W6D20807-9226-P-15-T

FCC ID: R48CTRL24GAWTX

Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C / LP0002

Order Number : W6D20807-9226 high channel Tx  
Test Site / Operator: WTS / Danny  
Temperature: Temp.: 23.9°C  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Freq: 11.936GHz, Emax: 49.01dBμV/m, RBW: 1MHz



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**Note:**

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# Worldwide Testing Services(Taiwan) Co., Ltd.

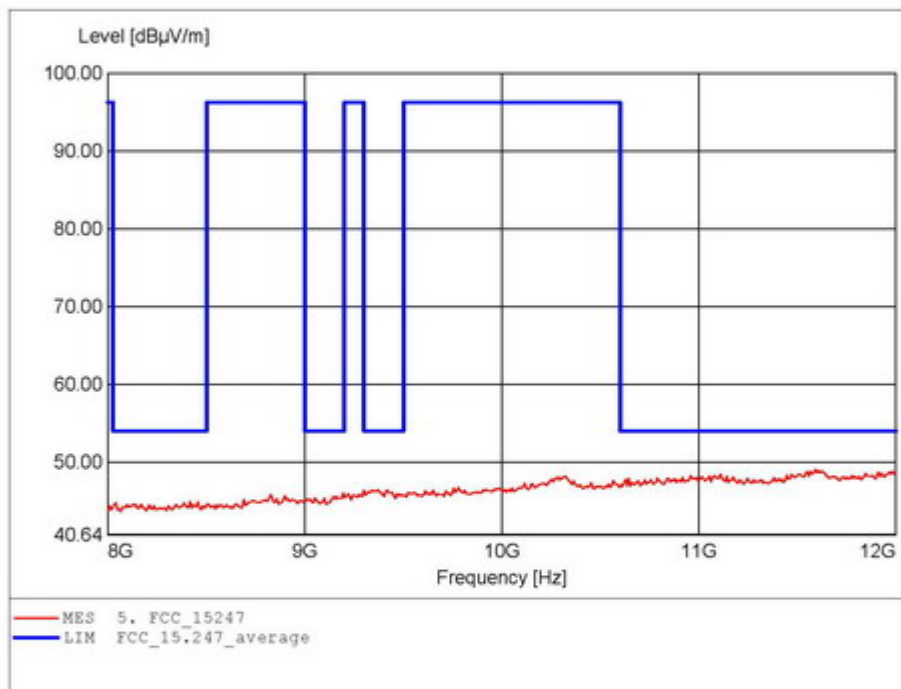
Registration number: W6D20807-9226-P-15-T

FCC ID: R48CTRL24GAWTX

Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C / LP0002

Order Number : W6D20807-9226 high channel Tx  
Test Site / Operator: WTS / Danny  
Temperature: Temp.: 23.9°C  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Freq: 11.591GHz, Emax: 49.03dBμV/m, RBW: 1MHz



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## Note:

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3. For corrected test results are listed in the relevant table of radiated test data of this test report.



# Worldwide Testing Services(Taiwan) Co., Ltd.

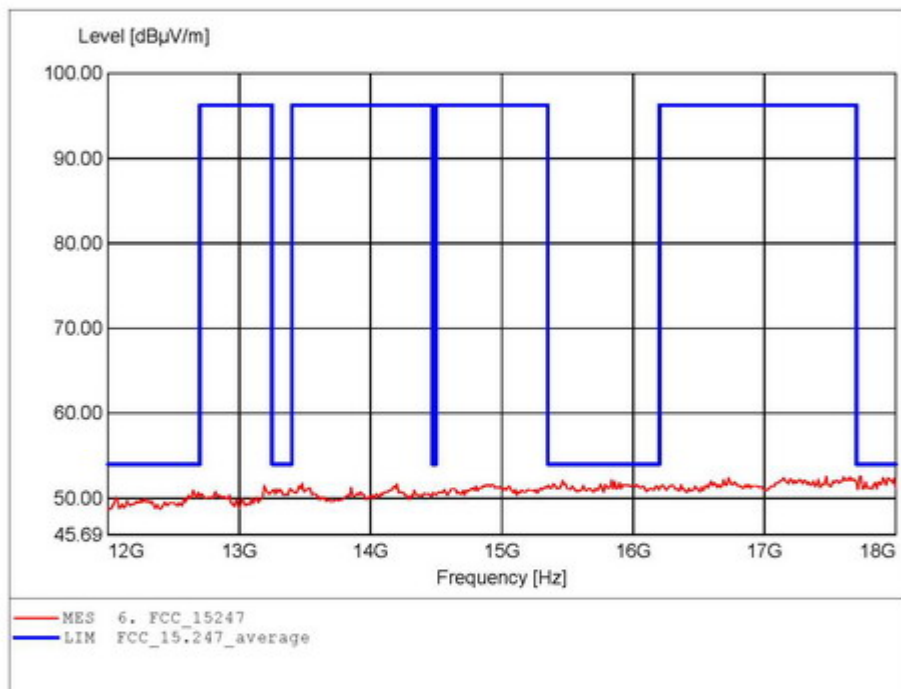
Registration number: W6D20807-9226-P-15-T

FCC ID: R48CTRL24GAWTX

Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C / LP0002

Order Number : W6D20807-9226 high channel Tx  
Test Site / Operator: WTS / Danny  
Temperature: Temp.: 23.9°C  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Freq: 17.832GHz, Emax: 53.56dBμV/m, RBW: 1MHz



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**Note:**

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3. For corrected test results are listed in the relevant table of radiated test data of this test report.



# Worldwide Testing Services(Taiwan) Co., Ltd.

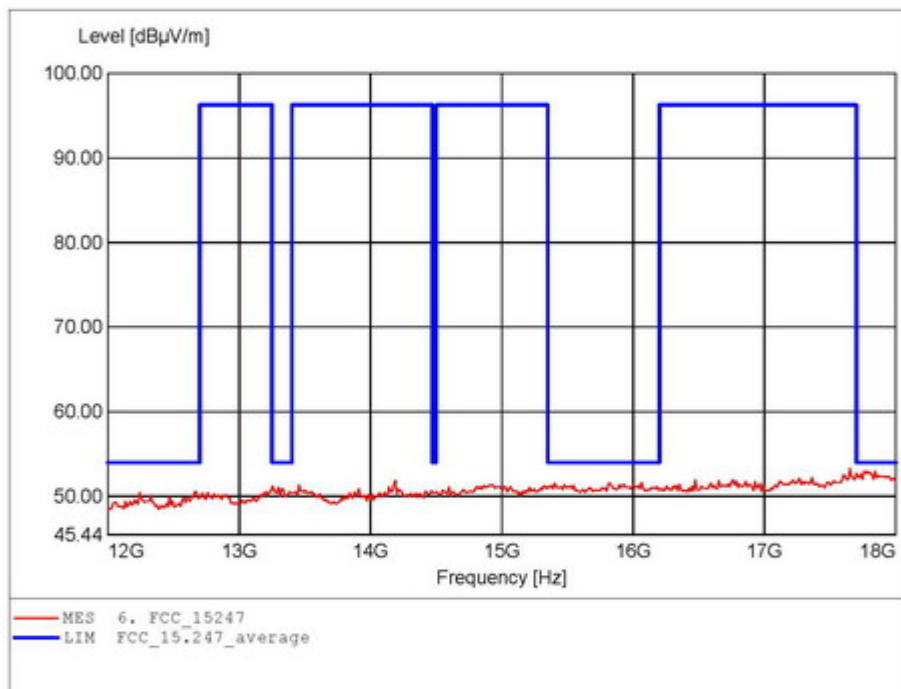
Registration number: W6D20807-9226-P-15-T

FCC ID: R48CTRL24GAWTX

Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C / LP0002

Order Number : W6D20807-9226 high channel Tx  
Test Site / Operator: WTS / Danny  
Temperature: Temp.: 23.9°C  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Freq: 17.651GHz, Emax: 53.27dBμV/m, RBW: 1MHz



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**Note:**

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3. For corrected test results are listed in the relevant table of radiated test data of this test report.





# Worldwide Testing Services(Taiwan) Co., Ltd.

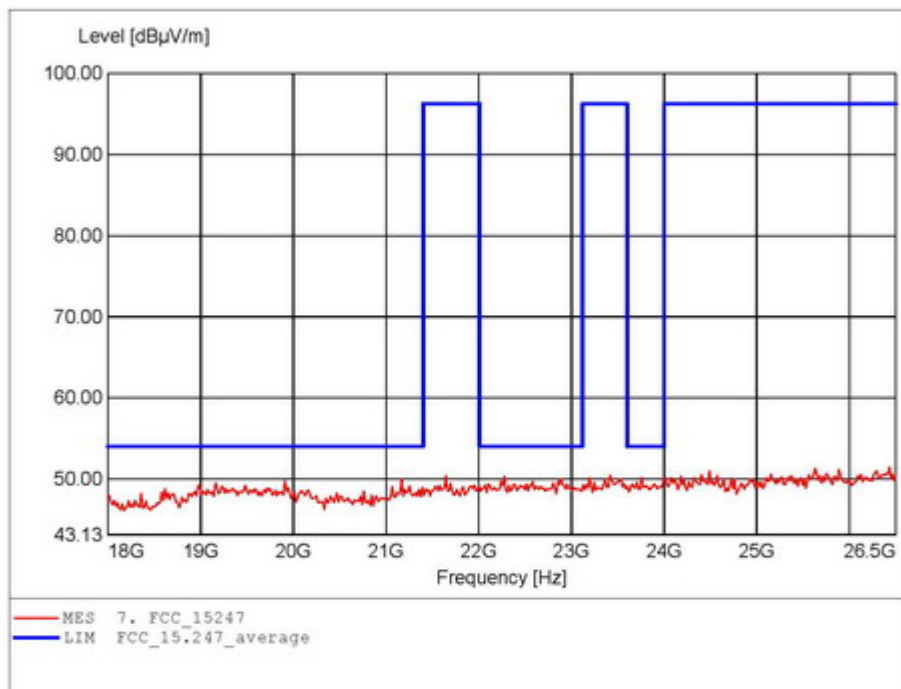
Registration number: W6D20807-9226-P-15-T

FCC ID: R48CTRL24GAWTX

Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C / LP0002

Order Number : W6D20807-9226 high channel Tx  
Test Site / Operator: WTS / Danny  
Temperature: Temp.: 23.9°C  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Freq: 26.432GHz, Emax: 51.50dBμV/m, RBW: 1MHz



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## Note:

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3. For corrected test results are listed in the relevant table of radiated test data of this test report.





# Worldwide Testing Services(Taiwan) Co., Ltd.

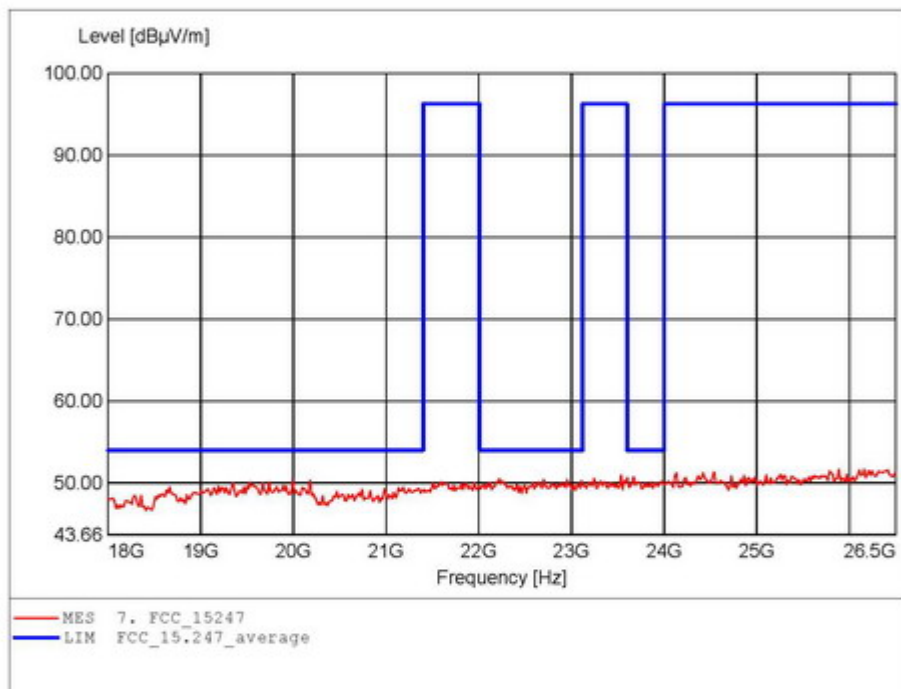
Registration number: W6D20807-9226-P-15-T

FCC ID: R48CTRL24GAWTX

Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C / LP0002

Order Number : W6D20807-9226 high channel Tx  
Test Site / Operator: WTS / Danny  
Temperature: Temp.: 23.9°C  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Freq: 25.887GHz, Emax: 51.65dBμV/m, RBW: 1MHz



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## Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
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Registration number: W6D20807-9226-P-15-T

FCC ID: R48CTRL24GAWTX

## Carrier Frequency Separation



FREQUENCY SEPARATION

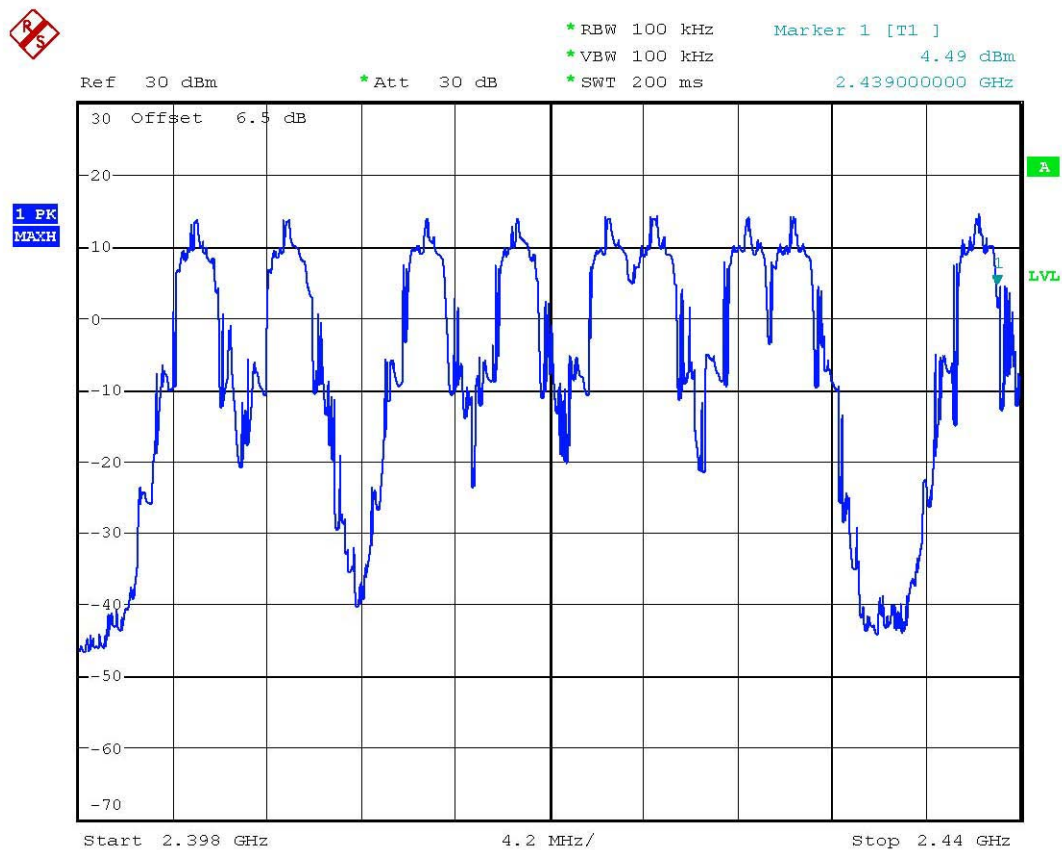
Date: 30.JUL.2008 09:09:35



Registration number: W6D20807-9226-P-15-T

FCC ID: R48CTRL24GAWTX

## Number of Hopping Frequencies



NUMBER OF HOPPING

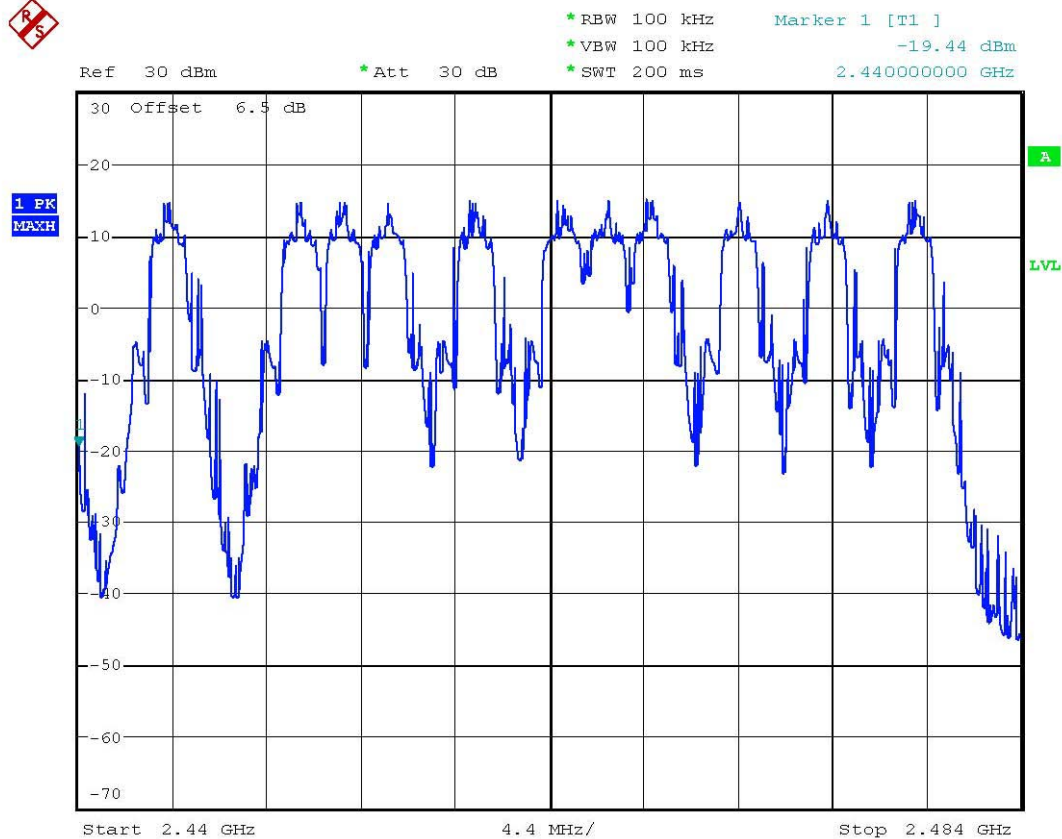
Date: 30.JUL.2008 13:42:56



# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6D20807-9226-P-15-T

FCC ID: R48CTRL24GAWTX



NUMBER OF HOPPING

Date: 30.JUL.2008 13:43:43

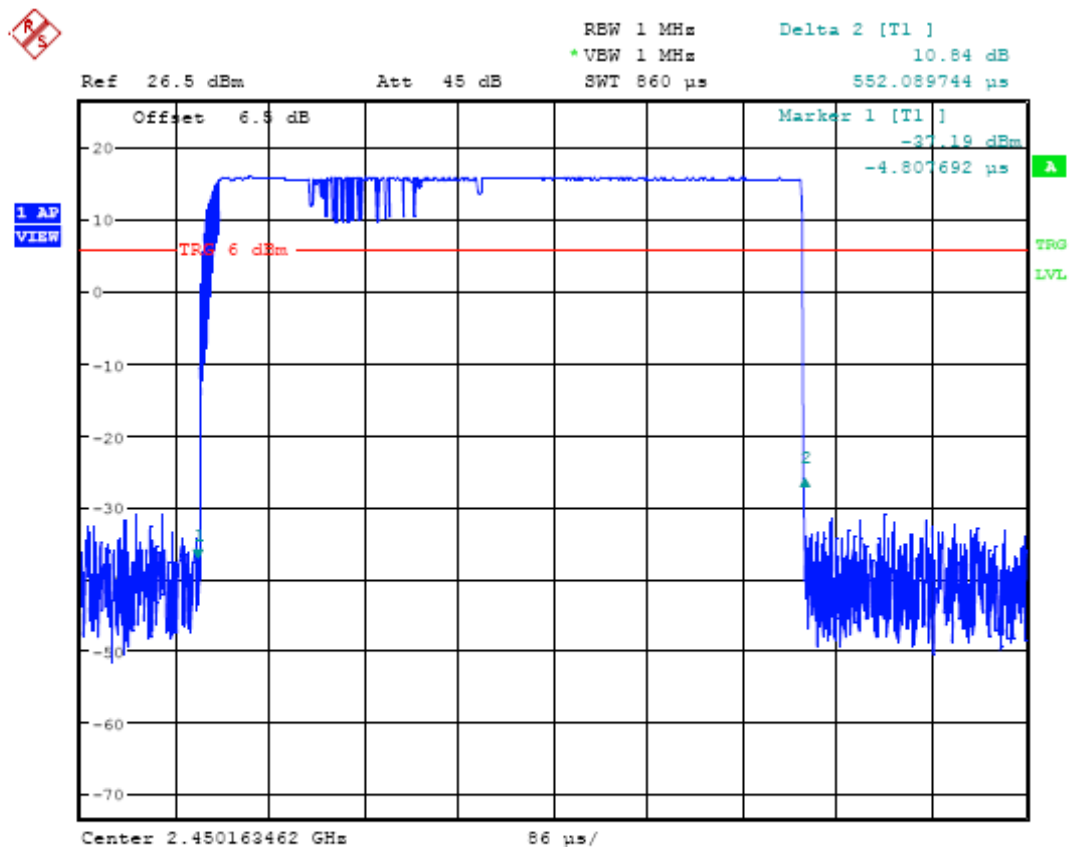


# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6D20807-9226-P-15-T

FCC ID: R48CTRL24GAWTX

Time of Occupancy (Dwell Time)



Time of occupancy ( Hopping DH1) = 552.09 us \* 312 events = 172.252ms

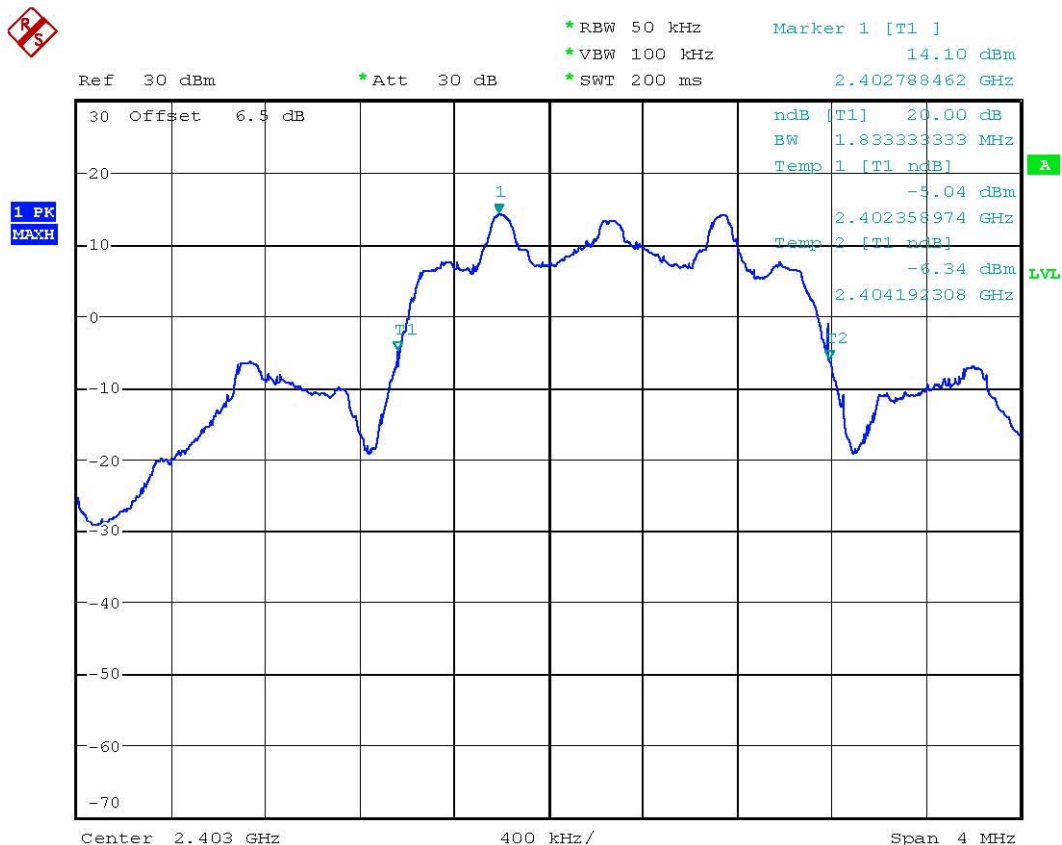
Date: 30.JUL.2008 09:34:35



Registration number: W6D20807-9226-P-15-T

FCC ID: R48CTRL24GAWTX

20dB Bandwidth



20dB BANDWIDTH LOW CH

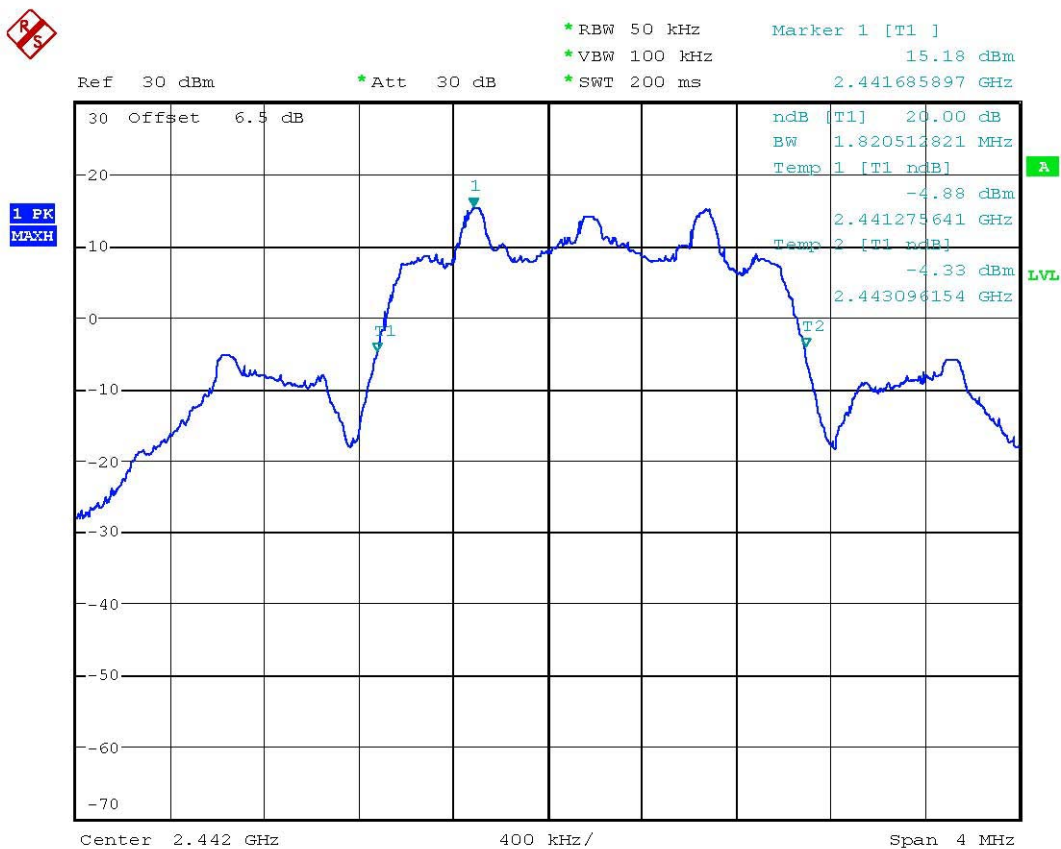
Date: 30.JUL.2008 09:32:49



# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6D20807-9226-P-15-T

FCC ID: R48CTRL24GAWTX



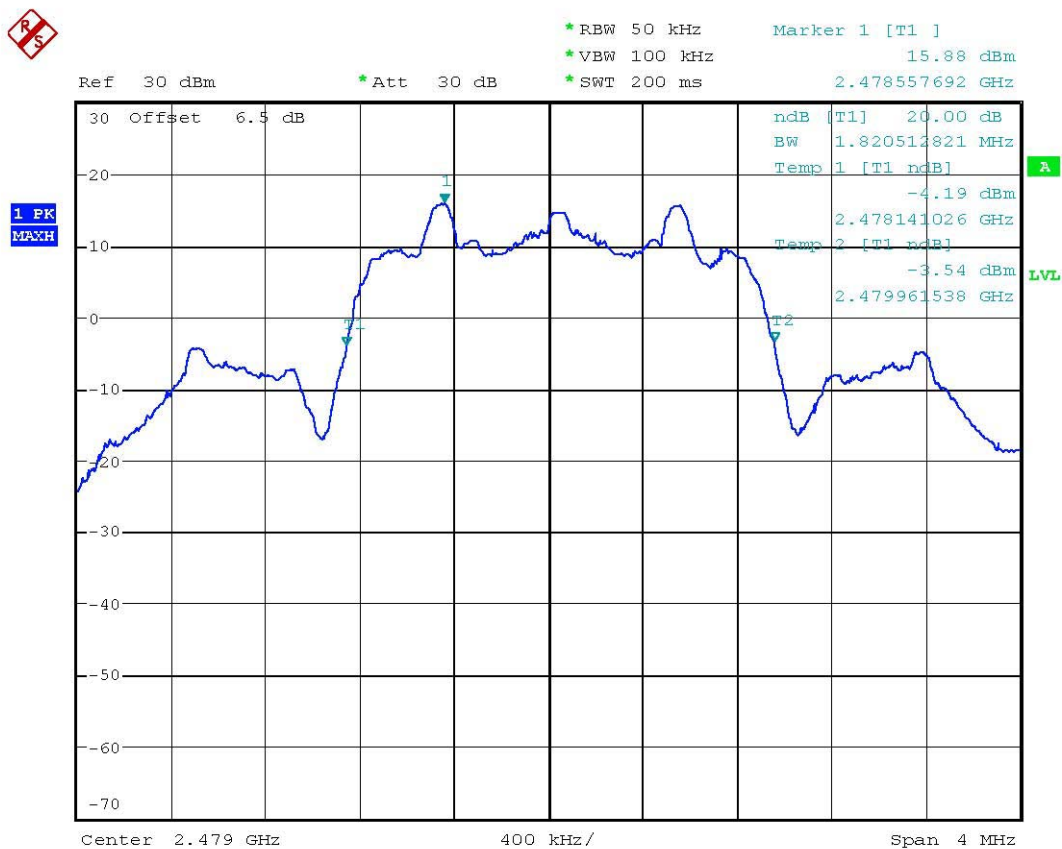
20dB BANDWIDTH MIDDLE CH

Date: 30.JUL.2008 09:34:41





FCC ID: R48CTRL24GAWTX



20dB BANDWIDTH HIGH CH

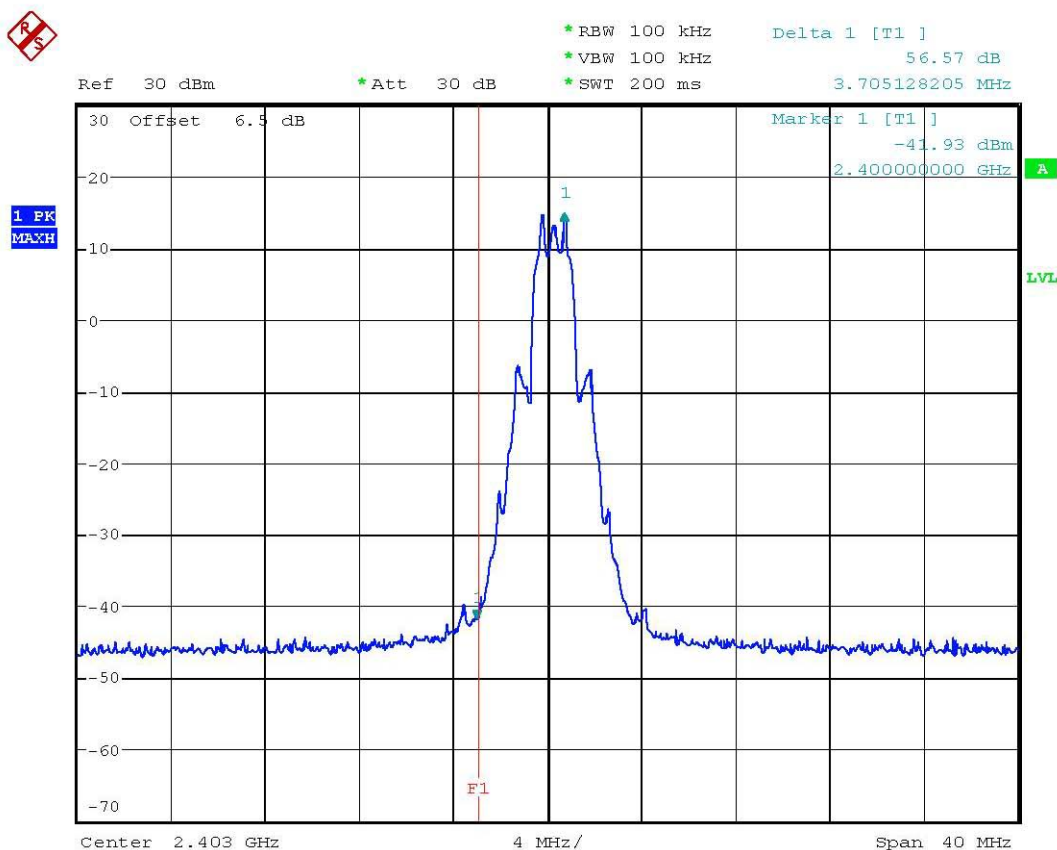
Date: 30.JUL.2008 13:17:55



Registration number: W6D20807-9226-P-15-T

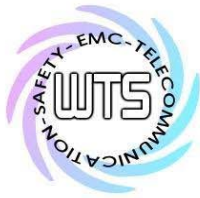
FCC ID: R48CTRL24GAWTX

## Band-edge Compliance of RF Emissions

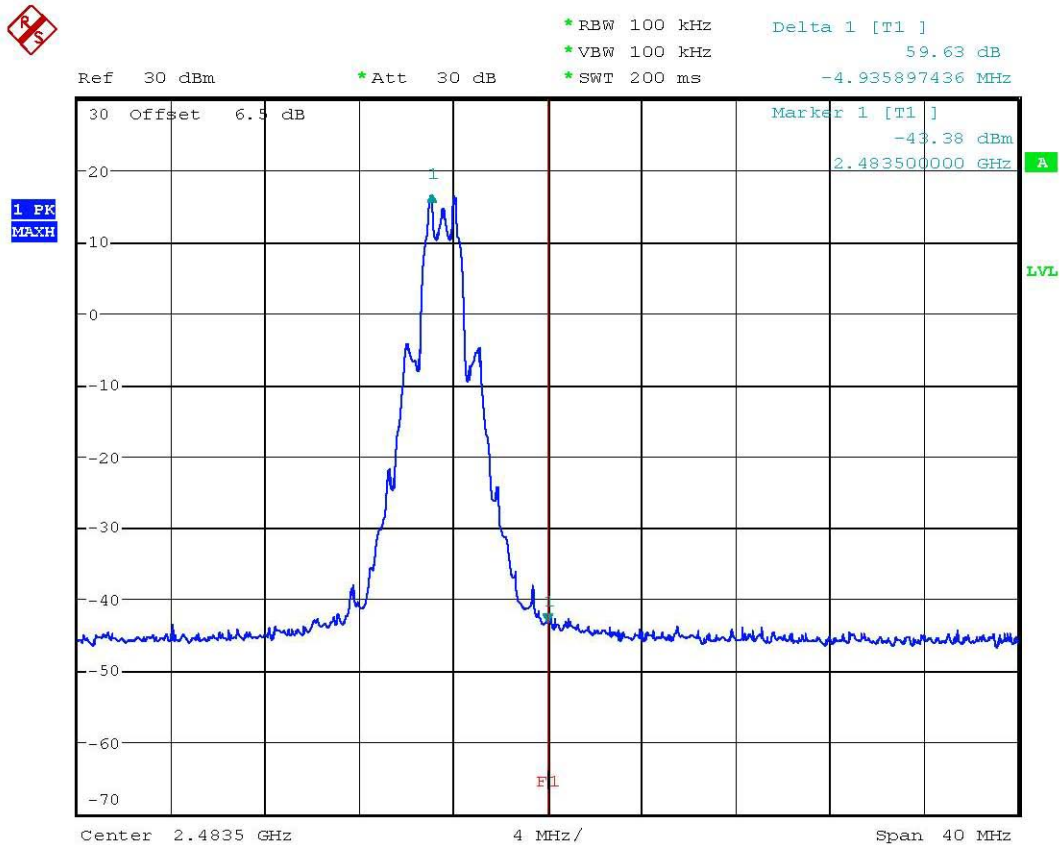


BANDEGE LOW CH

Date: 30.JUL.2008 09:31:09



Registration number: W6D20807-9226-P-15-T  
FCC ID: R48CTRL24GAWTX



BANDEGE HIGH CH

Date: 30.JUL.2008 13:29:54



# ***Worldwide Testing Services(Taiwan) Co., Ltd.***

Registration number: W6D20807-9226-P-15-T

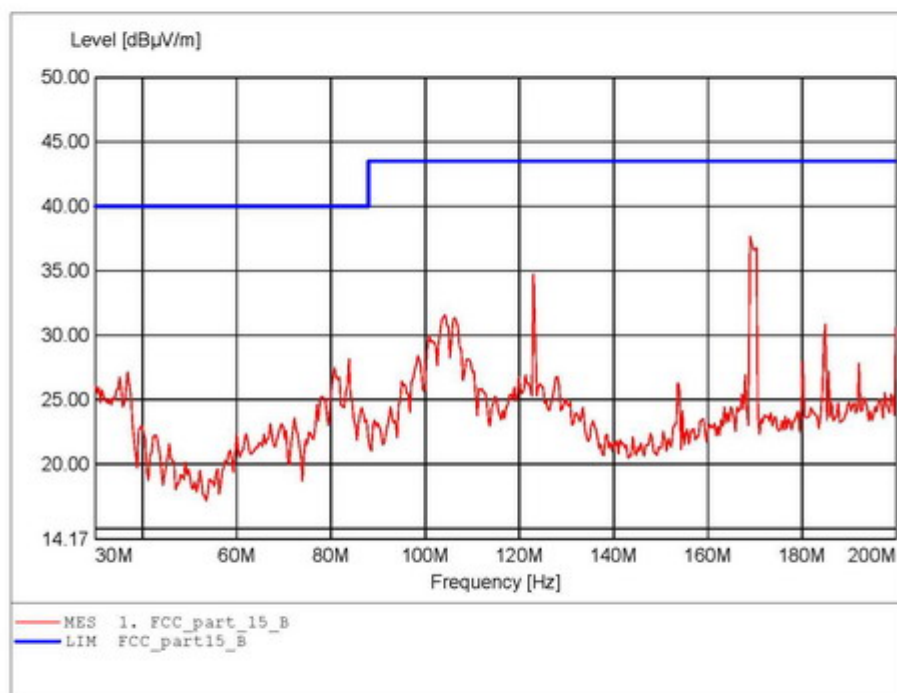
FCC ID: R48CTRL24GAWTX

## **Radiated Emissions from Receiver Section of Transceiver**

**Field Strength under normal conditions**

**FCC RULES PART 15, SUBPART B**

Order Number : W6D20807-9226 Tx  
Test Site / Operator: WTS / Danny  
Temperature: Temp.: 23.9°C  
Comment 1: according to subpart B  
Dist.: 3m, Ant.: HK 116  
Freq:168.998MHz Emax:37.64dBμV/m RBW: 100 kHz



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3. For corrected test results are listed in the relevant table of radiated test data of this test report.



# Worldwide Testing Services(Taiwan) Co., Ltd.

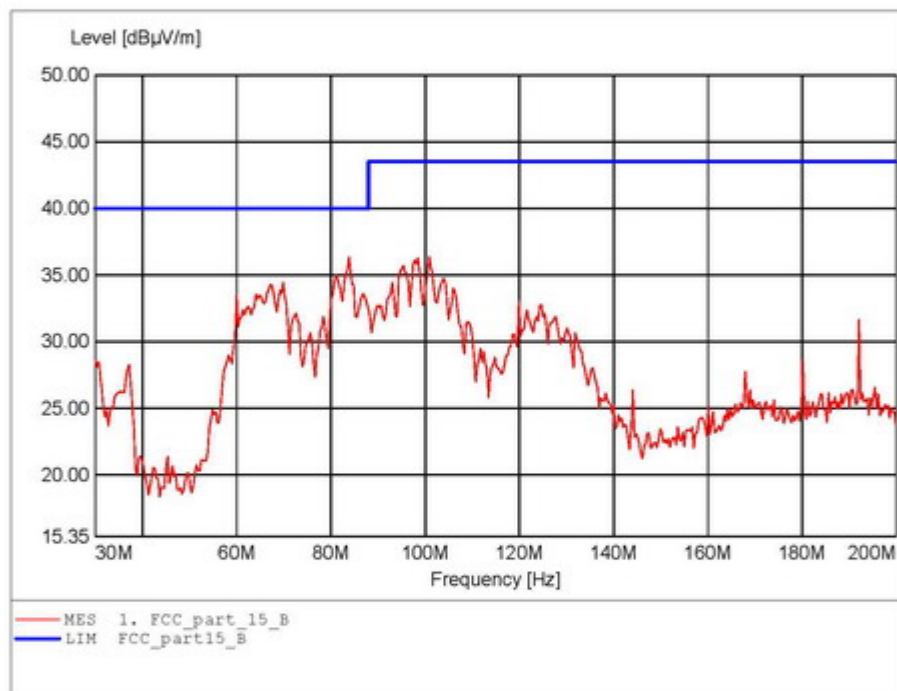
Registration number: W6D20807-9226-P-15-T

FCC ID: R48CTRL24GAWTX

**Field Strength under normal conditions**

**FCC RULES PART 15, SUBPART B**

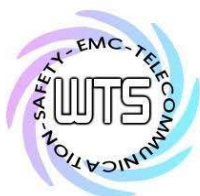
Order Number : W6D20807-9226 Tx  
Test Site / Operator: WTS / Danny  
Temperature: Temp.: 23.9°C  
according to subpart B  
Comment 1: Dist.: 3m, Ant.: HK 116  
Freq:100.862MHz Emax:36.38dBμV/m RBW: 100 kHz



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3. For corrected test results are listed in the relevant table of radiated test data of this test report.



# ***Worldwide Testing Services(Taiwan) Co., Ltd.***

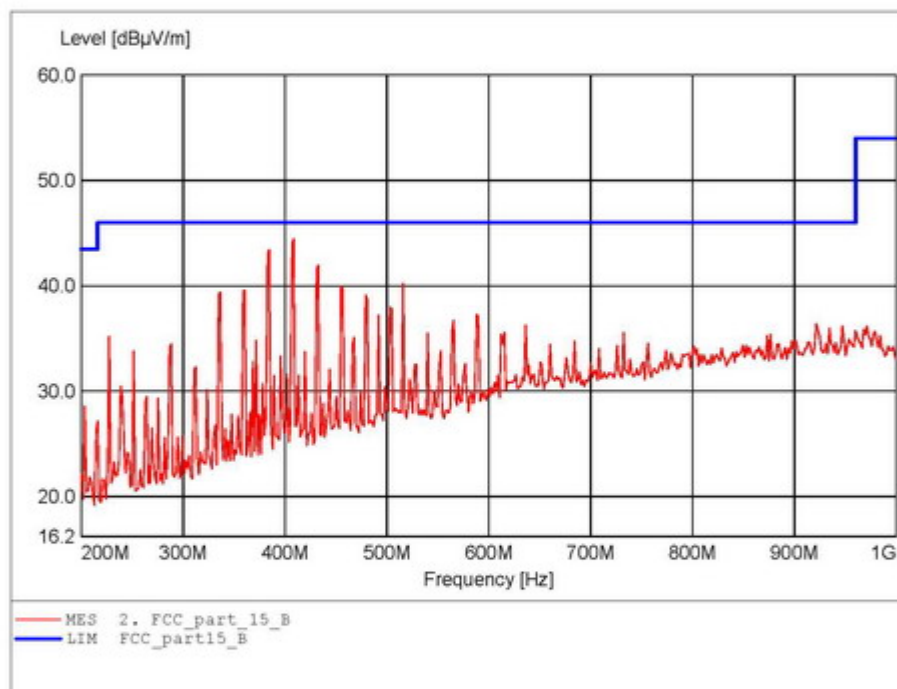
Registration number: W6D20807-9226-P-15-T

FCC ID: R48CTRL24GAWTX

**Field Strength under normal conditions**

**FCC RULES PART 15, SUBPART B**

Order Number : W6D20807-9226 Tx  
Test Site / Operator: WTS / Danny  
Temperature: Temp.: 23.9°C  
according to subpart B  
Comment 1: Dist.: 3m, Ant.: HL 223, ampl.  
Freq:408.417MHz Emax:44.46dBμV/m RBW: 100 kHz



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3. For corrected test results are listed in the relevant table of radiated test data of this test report.



# ***Worldwide Testing Services(Taiwan) Co., Ltd.***

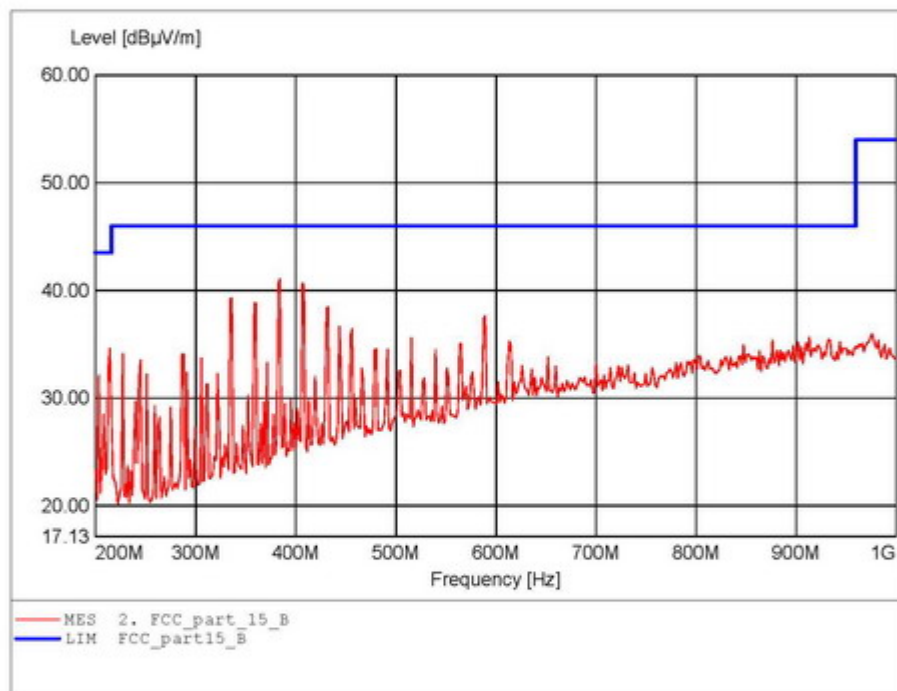
Registration number: W6D20807-9226-P-15-T

FCC ID: R48CTRL24GAWTX

**Field Strength under normal conditions**

**FCC RULES PART 15, SUBPART B**

Order Number : W6D20807-9226 Tx  
Test Site / Operator: WTS / Danny  
Temperature: Temp.: 23.9°C  
according to subpart B  
Comment 1: Dist.: 3m, Ant.: HL 223, ampl.  
Freq:384.369MHz Emax:41.09dBμV/m RBW: 100 kHz



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**Note:**

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# Worldwide Testing Services(Taiwan) Co., Ltd.

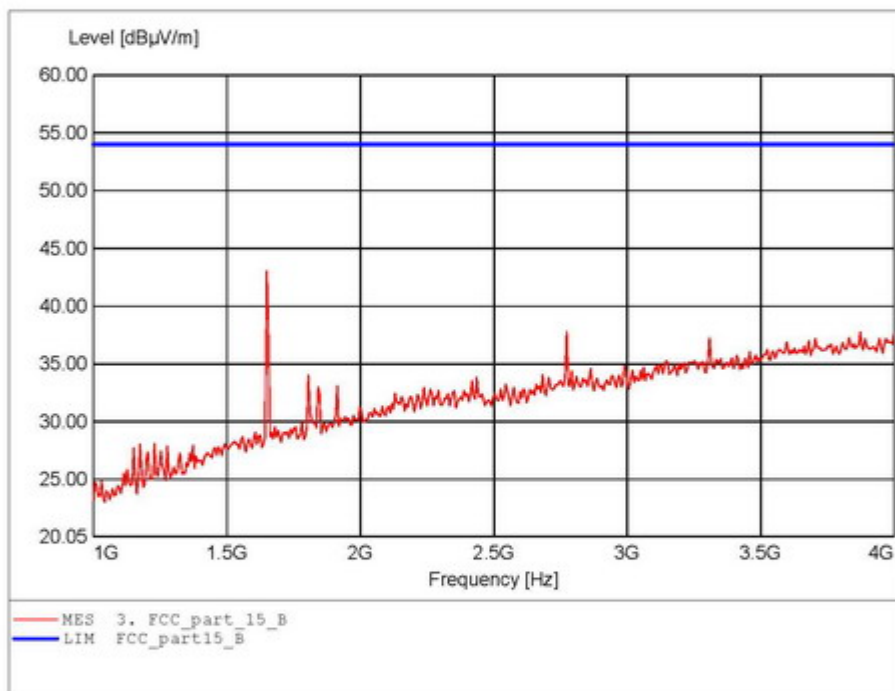
Registration number: W6D20807-9226-P-15-T

FCC ID: R48CTRL24GAWTX

Field Strength under normal conditions

FCC RULES PART 15, SUBPART B

Order Number : W6D20807-9226 Tx  
Test Site / Operator: WTS / Danny  
Temperature: Temp.: 23.9°C  
according to subpart B  
Comment 1: Dist.: 3m, Ant.: HL25, ampl.  
Freq:1.649GHz Emax:43.03dBμV/m RBW: 1 MHz



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## Note:

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# Worldwide Testing Services(Taiwan) Co., Ltd.

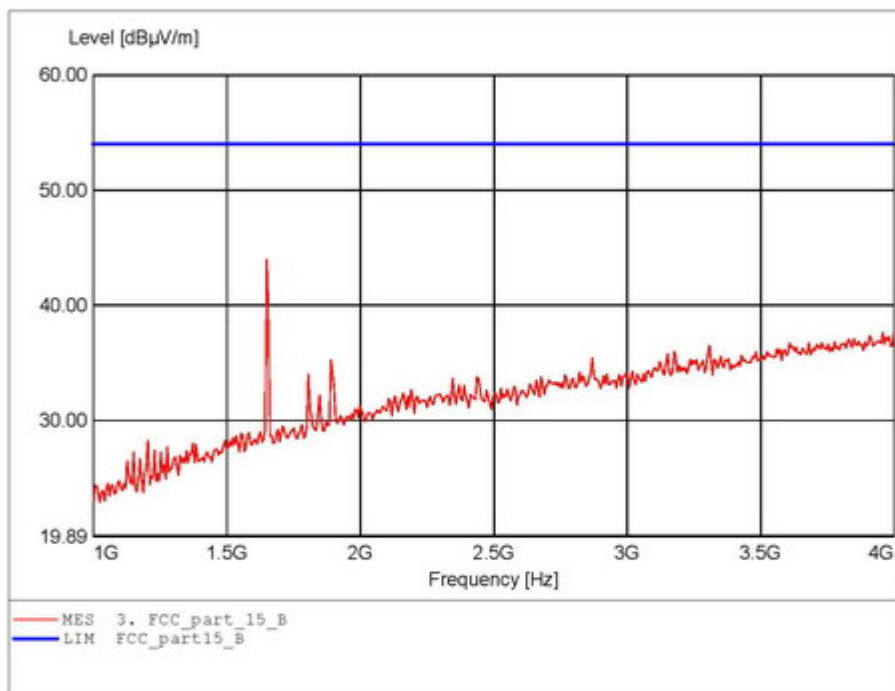
Registration number: W6D20807-9226-P-15-T

FCC ID: R48CTRL24GAWTX

Field Strength under normal conditions

FCC RULES PART 15, SUBPART B

Order Number : W6D20807-9226 Tx  
Test Site / Operator: WTS / Danny  
Temperature: Temp.: 23.9°C  
according to subpart B  
Comment 1: Dist.: 3m, Ant.: HL25, ampl.  
Freq:1.649GHz Emax:43.96dBμV/m RBW: 1 MHz



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## Note:

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3. For corrected test results are listed in the relevant table of radiated test data of this test report.



# Worldwide Testing Services(Taiwan) Co., Ltd.

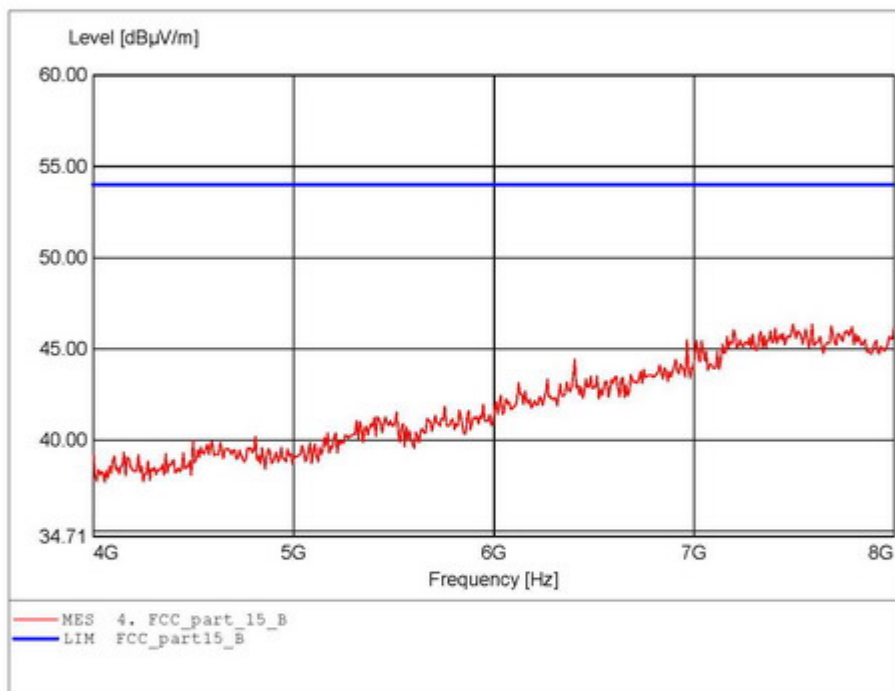
Registration number: W6D20807-9226-P-15-T

FCC ID: R48CTRL24GAWTX

Field Strength under normal conditions

FCC RULES PART 15, SUBPART B

Order Number : W6D20807-9226 Tx  
Test Site / Operator: WTS / Danny  
Temperature: Temp.: 23.9°C  
according to subpart B  
Comment 1: Dist.: 3m, Ant.: HL25, ampl.  
Freq:7.495GHz Emax:46.34dBμV/m RBW: 1 MHz



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## Note:

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# Worldwide Testing Services(Taiwan) Co., Ltd.

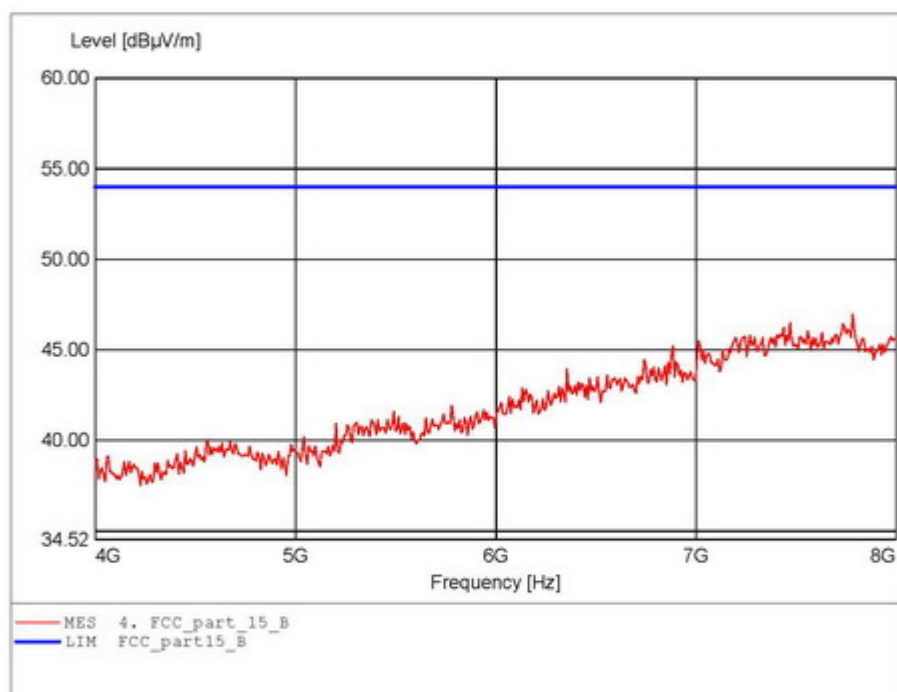
Registration number: W6D20807-9226-P-15-T

FCC ID: R48CTRL24GAWTX

Field Strength under normal conditions

FCC RULES PART 15, SUBPART B

Order Number : W6D20807-9226 Tx  
Test Site / Operator: WTS / Danny  
Temperature: Temp.: 23.9°C  
according to subpart B  
Comment 1: Dist.: 3m, Ant.: HL25, ampl.  
Freq:7.784GHz Emax:46.95dBμV/m RBW: 1 MHz



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## Note:

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3. For corrected test results are listed in the relevant table of radiated test data of this test report.



# Worldwide Testing Services(Taiwan) Co., Ltd.

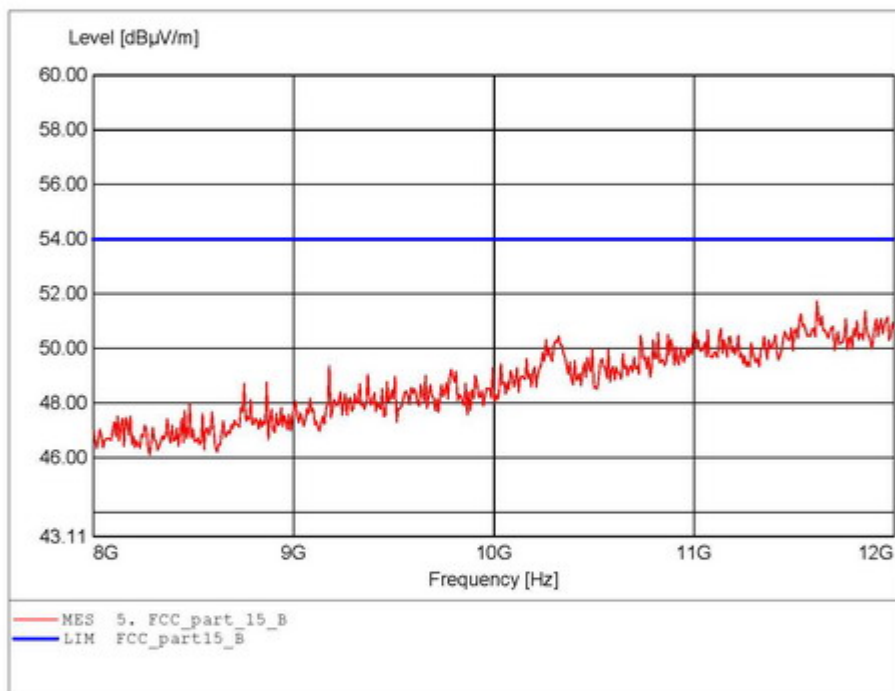
Registration number: W6D20807-9226-P-15-T

FCC ID: R48CTRL24GAWTX

Field Strength under normal conditions

FCC RULES PART 15, SUBPART B

Order Number : W6D20807-9226 Tx  
Test Site / Operator: WTS / Danny  
Temperature: Temp.: 23.9°C  
according to subpart B  
Comment 1: Dist.: 3m, Ant.: HL25, ampl.  
Freq:11.615GHz Emax:51.72dBμV/m RBW: 1 MHz



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## Note:

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3. For corrected test results are listed in the relevant table of radiated test data of this test report.



# Worldwide Testing Services(Taiwan) Co., Ltd.

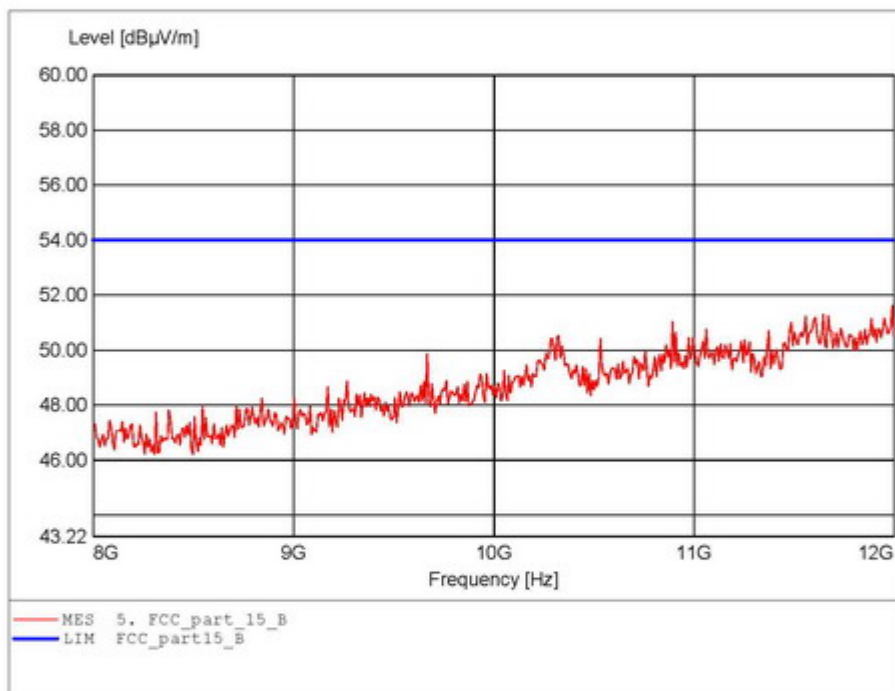
Registration number: W6D20807-9226-P-15-T

FCC ID: R48CTRL24GAWTX

Field Strength under normal conditions

FCC RULES PART 15, SUBPART B

Order Number : W6D20807-9226 Tx  
Test Site / Operator: WTS / Danny  
Temperature: Temp.: 23.9°C  
according to subpart B  
Comment 1: Dist.: 3m, Ant.: HL25, ampl.  
Freq:11.992GHz Emax:51.62dBμV/m RBW: 1 MHz



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## Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



# Worldwide Testing Services(Taiwan) Co., Ltd.

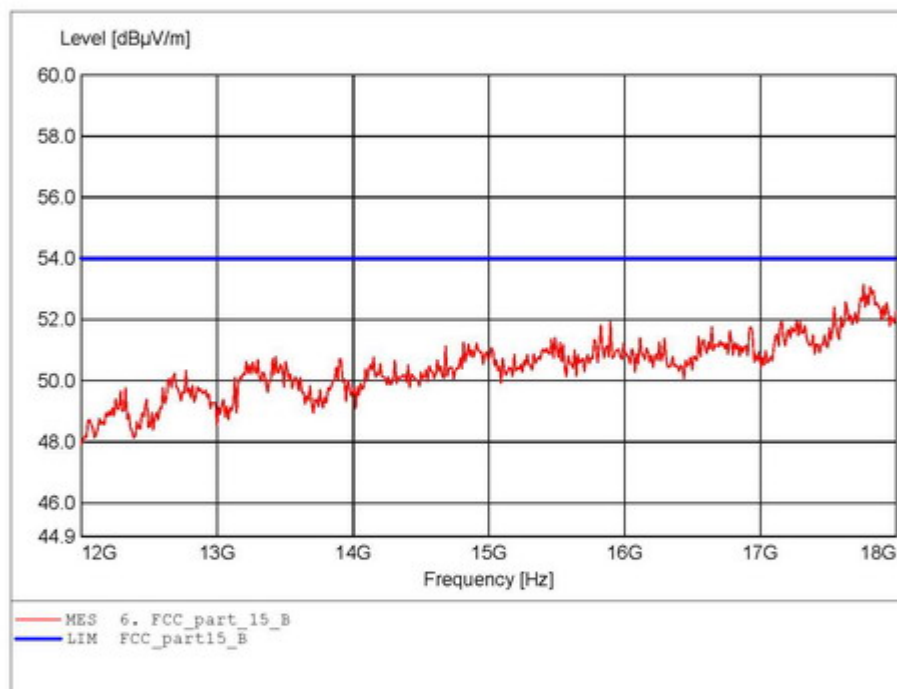
Registration number: W6D20807-9226-P-15-T

FCC ID: R48CTRL24GAWTX

Field Strength under normal conditions

FCC RULES PART 15, SUBPART B

Order Number : W6D20807-9226 Tx  
Test Site / Operator: WTS / Danny  
Temperature: Temp.: 23.9°C  
according to subpart B  
Comment 1: Dist.: 3m, Ant.: HL25, ampl.  
Freq:17.760GHz Emax:53.14dBμV/m RBW: 1 MHz



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## Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.





# Worldwide Testing Services(Taiwan) Co., Ltd.

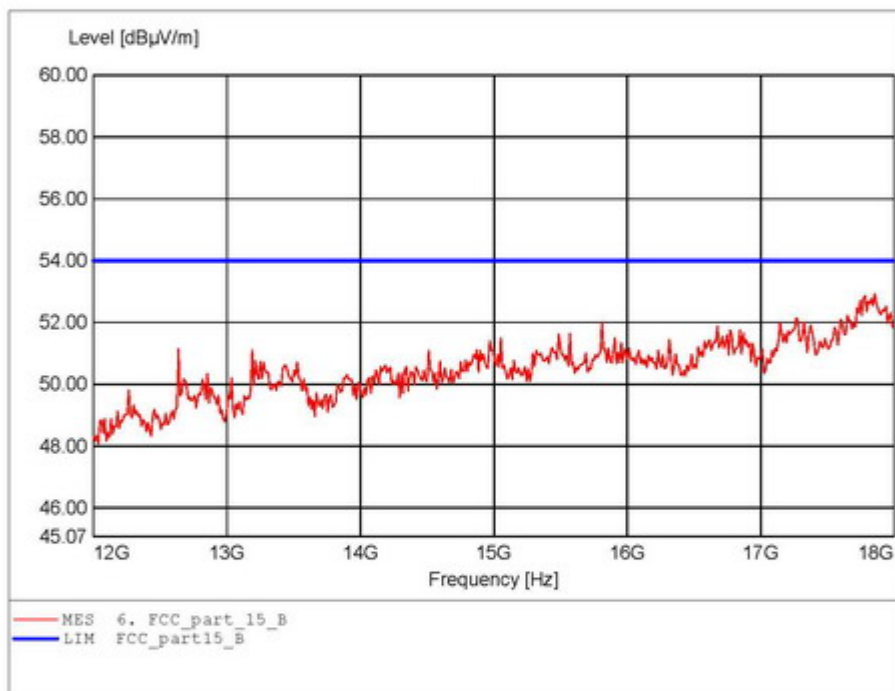
Registration number: W6D20807-9226-P-15-T

FCC ID: R48CTRL24GAWTX

Field Strength under normal conditions

FCC RULES PART 15, SUBPART B

Order Number : W6D20807-9226 Tx  
Test Site / Operator: WTS / Danny  
Temperature: Temp.: 23.9°C  
according to subpart B  
Comment 1: Dist.: 3m, Ant.: HL25, ampl.  
Freq:17.856GHz Emax:52.92dBμV/m RBW: 1 MHz



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## Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6D20807-9226-P-15-T

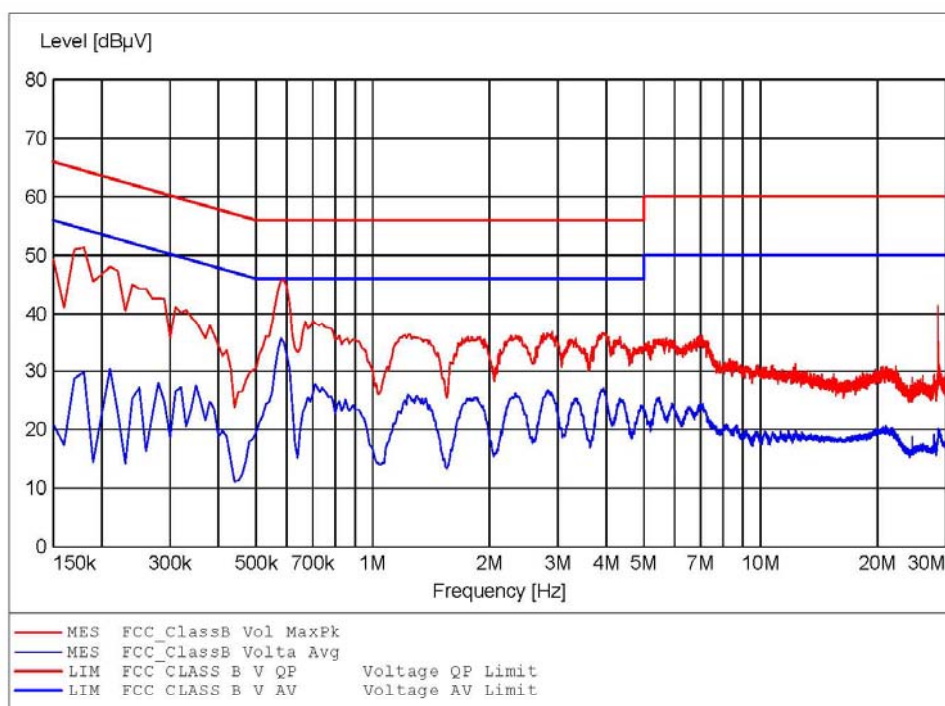
FCC ID: R48CTRL24GAWTX

## Power Line Conducted Emission

*EMI voltage test in the ac-mains according to FCC PART 15*

### CLASS B

Order Number: W6D20807-9226 Tx  
Operating Condition: Tnom: 23.9°C  
Test Site: WTS  
Operator: Danny  
Test Specification: V-network: ESH3-Z5 N



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Up Line: QP Limit Line Down Line: Ave Limit Line

Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of AC conducted test data of this test report.



# Worldwide Testing Services(Taiwan) Co., Ltd.

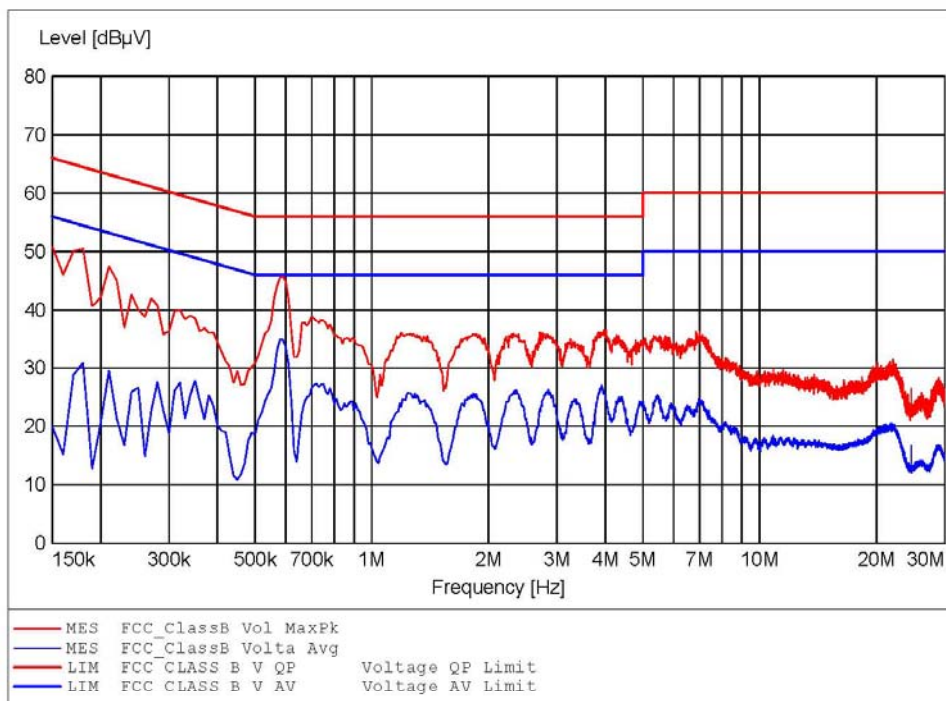
Registration number: W6D20807-9226-P-15-T

FCC ID: R48CTRL24GAWTX

EMI voltage test in the ac-mains according to FCC PART 15

## CLASS B

Order Number: W6D20807-9226 Tx  
Operating Condition: Tnom: 23.9°C  
Test Site: WTS  
Operator: Danny  
Test Specification: V-network: ESH3-Z5 L1



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Up Line: QP Limit Line Down Line: Ave Limit Line

Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of AC conducted test data of this test report.