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Test Report No.

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Test Plot of Spurious emission of A.2 – Vertical (18GHz – 26GHz)

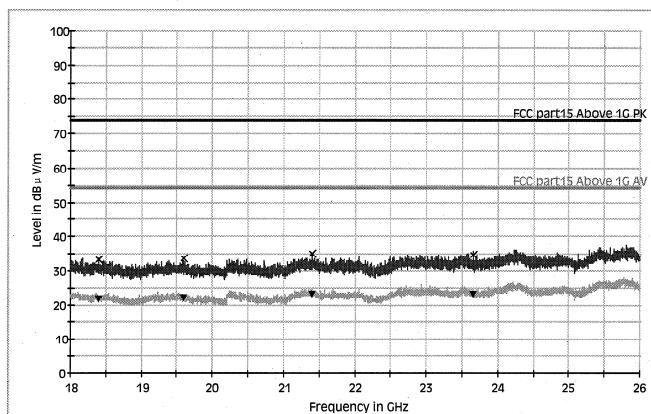
EMC32 Report

Test Information

Manufacturer Name: Namtai
 Model Number: SLEH-00089(MIC)
 Operating Conditions: TX_Middle channel
 Comment: Vertical

Subrange 1

Frequency Range: 18GHz - 26GHz
 Receiver: TUV FSP 30
 Transducer: TUV SAC 3160-09 / TUV FSP 30-TUV SAC 3160-09



Limit and Margin PK

| Frequency (MHz) | MaxPeak (dB μ V/m) | Corr. (dB) | Margin (dB) | Limit (dB μ V/m) | Polarity |
|-----------------|--------------------|------------|-------------|------------------|----------|
| 18401.000000 | 33.4 | -14.4 | 40.6 | 74.0 | V |
| 19593.000000 | 33.5 | -13.8 | 40.5 | 74.0 | V |
| 21405.000000 | 35.0 | -13.1 | 39.0 | 74.0 | V |
| 23653.000000 | 34.7 | -12.7 | 39.3 | 74.0 | V |

Limit and Margin AV

| Frequency (MHz) | Average (dB μ V/m) | Corr. (dB) | Margin (dB) | Limit (dB μ V/m) | Polarity |
|-----------------|--------------------|------------|-------------|------------------|----------|
| 18401.000000 | 21.7 | -14.4 | 32.3 | 54.0 | V |
| 19593.000000 | 21.9 | -13.8 | 32.1 | 54.0 | V |
| 21405.000000 | 23.2 | -13.1 | 30.8 | 54.0 | V |
| 23653.000000 | 23.1 | -12.7 | 30.9 | 54.0 | V |

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Test Plot of Spurious emission of A.3 – Horizontal (30MHz – 1GHz)

EMC32 Report

Test Information

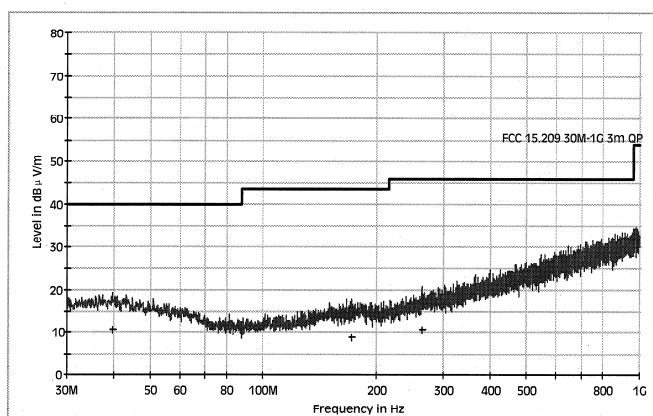
Manufacturer Name:
Model Number:
Operating Conditions:
Comment:

NamtaI
SLEH-00089(MIC)
TX_High channel
Horizontal

Subrange 1

Frequency Range:
Receiver:
Transducer:

30MHz - 1GHz
TUV ESCI 3
TUV SAC UVLB 9168 / TUV ESCI3 -TUV SAC UVLB 9168



Limit and Margin

| Frequency (MHz) | QuasiPeak (dB μV/m) | Corr. (dB) | Margin (dB) | Limit (dB μV/m) | Polarity |
|-----------------|---------------------|------------|-------------|-----------------|----------|
| 39.700000 | 10.8 | 14.4 | 29.2 | 40.0 | H |
| 171.500000 | 9.1 | 13.3 | 34.4 | 43.5 | H |
| 263.550000 | 10.7 | 15.0 | 35.3 | 46.0 | H |



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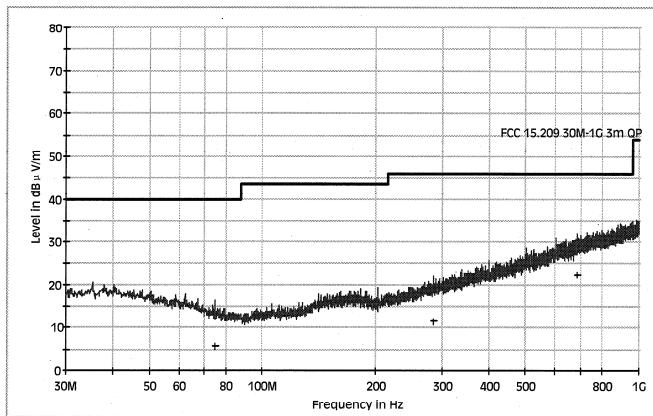
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Test Plot of Spurious emission of A.3 – Vertical (30MHz – 1GHz)

EMC32 Report

Test Information

| | |
|-----------------------|--|
| Manufacturer Name: | Namtai |
| Model Number: | SLEH-00089(MIC) |
| Operating Conditions: | TX_High channel |
| Comment: | Vertical |
| Subrange 1 | |
| Frequency Range: | 30MHz - 1GHz |
| Receiver: | TUV ESCI 3 |
| Transducer: | TUV SAC UVLB 9168 / TUV ESCI3 -TUV SAC UVLB 9168 |



Limit and Margin

| Frequency (MHz) | QuasiPeak (dB μ V/m) | Corr. (dB) | Margin (dB) | Limit (dB μ V/m) | Polarity |
|-----------------|----------------------|------------|-------------|------------------|----------|
| 74.750000 | 5.7 | 9.6 | 34.3 | 40.0 | V |
| 285.450000 | 11.4 | 15.5 | 34.6 | 46.0 | V |
| 687.550000 | 22.5 | 25.5 | 23.5 | 46.0 | V |



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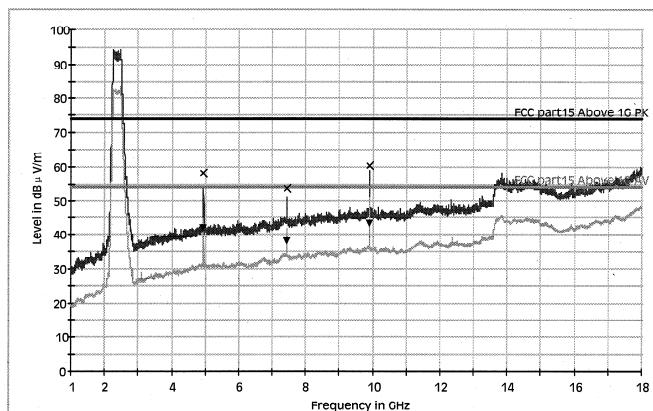
Test Plot of Spurious emission of A.3 – Horizontal (1GHz – 18GHz)

EMC32 Report

Test Information

Manufacturer Name: Namtai
 Model Number: SLEH-00089(MIC)
 Operating Conditions: TX_High channel
 Comment: Horizontal

Subrange 1
 Frequency Range: 1GHz - 18GHz
 Receiver: TUV FSP 30
 Transducer: TUV SAC HF906 / TUV FSP 30-TUV SAC HF906



Limit and Margin PK

| Frequency (MHz) | MaxPeak (dB μ V/m) | Margin (dB) | Limit (dB μ V/m) | Polarity | Corr. (dB) |
|-----------------|--------------------|-------------|------------------|----------|------------|
| 4954.000000 | 58.3 | 15.7 | 74.0 | H | -5.5 |
| 7431.000000 | 53.6 | 20.4 | 74.0 | H | -0.2 |
| 9908.000000 | 60.2 | 13.8 | 74.0 | H | 4.1 |

Limit and Margin AV

| Frequency (MHz) | Average (dB μ V/m) | Margin (dB) | Limit (dB μ V/m) | Polarity | Corr. (dB) |
|-----------------|--------------------|-------------|------------------|----------|------------|
| 4954.000000 | 41.7 | 12.3 | 54.0 | H | -5.5 |
| 7431.000000 | 38.0 | 16.0 | 54.0 | H | -0.2 |
| 9908.000000 | 43.3 | 10.7 | 54.0 | H | 4.1 |

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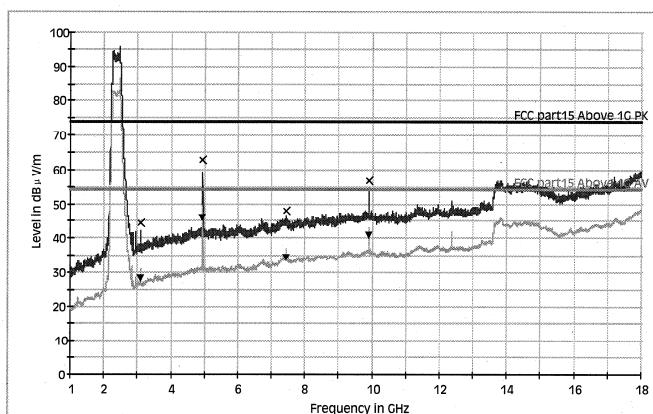
Test Plot of Spurious emission of A.3 – Vertical (1GHz – 18GHz)

EMC32 Report

Test Information

Manufacturer Name: Namtai
 Model Number: SLEH-00089(MIC)
 Operating Conditions: TX_High channel
 Comment: Vertical

Subrange 1
 Frequency Range: 1GHz - 18GHz
 Receiver: TUV FSP 30
 Transducer: TUV SAC HF906 / TUV FSP 30-TUV SAC HF906



Limit and Margin PK

| Frequency (MHz) | MaxPeak (dB μ V/m) | Margin (dB) | Limit (dB μ V/m) | Polarity | Corr. (dB) |
|-----------------|--------------------|-------------|------------------|----------|------------|
| 3095.000000 | 44.3 | 29.7 | 74.0 | V | -9.7 |
| 4954.000000 | 62.7 | 11.3 | 74.0 | V | -5.5 |
| 7430.000000 | 47.9 | 26.1 | 74.0 | V | -0.2 |
| 9908.000000 | 56.8 | 17.2 | 74.0 | V | 4.1 |

Limit and Margin AV

| Frequency (MHz) | Average (dB μ V/m) | Margin (dB) | Limit (dB μ V/m) | Polarity | Corr. (dB) |
|-----------------|--------------------|-------------|------------------|----------|------------|
| 3095.000000 | 28.1 | 25.9 | 54.0 | V | -9.7 |
| 4954.000000 | 45.8 | 8.2 | 54.0 | V | -5.5 |
| 7430.000000 | 34.4 | 19.6 | 54.0 | V | -0.2 |
| 9908.000000 | 40.7 | 13.3 | 54.0 | V | 4.1 |

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Test Plot of Spurious emission of A.3 – Horizontal (18GHz – 26GHz)

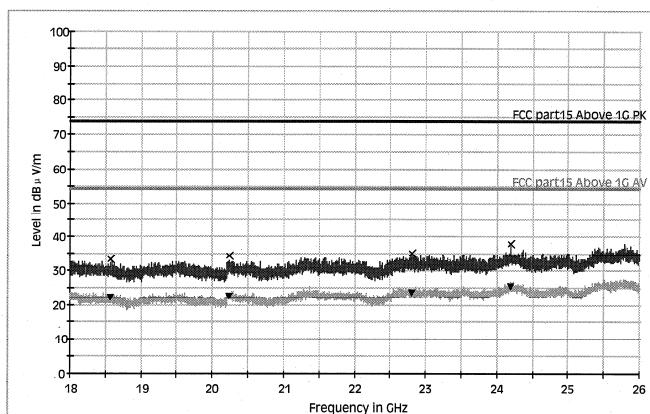
EMC32 Report

Test Information

Manufacturer Name: Namtai
 Model Number: SLEH-00089(MIC)
 Operating Conditions: TX_High channel
 Comment: Horizontal

Subrange 1

Frequency Range: 18GHz - 26GHz
 Receiver: TUV FSP 30
 Transducer: TUV SAC 3160-09 / TUV FSP 30-TUV SAC 3160-09



Limit and Margin PK

| Frequency (MHz) | MaxPeak (dB µ V/m) | Corr. (dB) | Margin (dB) | Limit (dB µ V/m) | Polarity |
|-----------------|--------------------|------------|-------------|------------------|----------|
| 18568.000000 | 33.3 | -14.4 | 40.7 | 74.0 | H |
| 20246.000000 | 34.1 | -13.9 | 39.9 | 74.0 | H |
| 22803.000000 | 34.9 | -13.0 | 39.1 | 74.0 | H |
| 24202.000000 | 37.9 | -12.0 | 36.1 | 74.0 | H |

Limit and Margin AV

| Frequency (MHz) | Average (dB µ V/m) | Corr. (dB) | Margin (dB) | Limit (dB µ V/m) | Polarity |
|-----------------|--------------------|------------|-------------|------------------|----------|
| 18568.000000 | 22.1 | -14.4 | 31.9 | 54.0 | H |
| 20246.000000 | 22.5 | -13.9 | 31.5 | 54.0 | H |
| 22803.000000 | 23.5 | -13.0 | 30.5 | 54.0 | H |
| 24202.000000 | 25.4 | -12.0 | 28.6 | 54.0 | H |

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Test Plot of Spurious emission of A.3 – Vertical (18GHz – 26GHz)

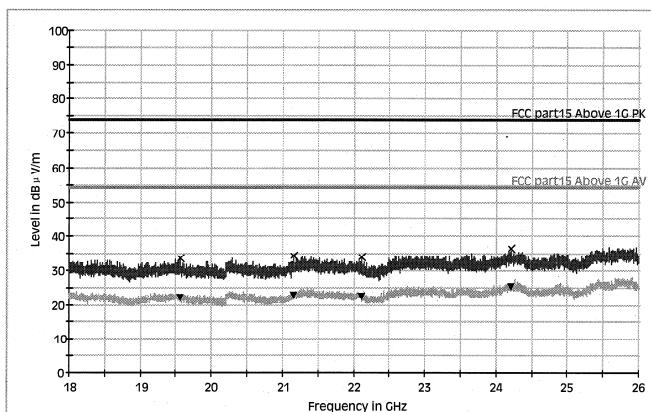
EMC32 Report

Test Information

Manufacturer Name: Namtai
 Model Number: SLEH-00089(MIC)
 Operating Conditions: TX_High channel
 Comment: Vertical

Subrange 1

| | |
|------------------|--|
| Frequency Range: | 18GHz - 26GHz |
| Receiver: | TUV FSP 30 |
| Transducer: | TUV SAC 3160-09 / TUV FSP 30-TUV SAC 3160-09 |



Limit and Margin PK

| Frequency (MHz) | MaxPeak (dB μ V/m) | Corr. (dB) | Margin (dB) | Limit (dB μ V/m) | Polarity |
|-----------------|--------------------|------------|-------------|------------------|----------|
| 19567.000000 | 33.4 | -13.8 | 40.6 | 74.0 | V |
| 21161.000000 | 34.5 | -13.8 | 39.5 | 74.0 | V |
| 22106.000000 | 34.1 | -13.1 | 39.9 | 74.0 | V |
| 24212.000000 | 36.4 | -12.1 | 37.6 | 74.0 | V |

Limit and Margin AV

| Frequency (MHz) | Average (dB μ V/m) | Corr. (dB) | Margin (dB) | Limit (dB μ V/m) | Polarity |
|-----------------|--------------------|------------|-------------|------------------|----------|
| 19567.000000 | 21.9 | -13.8 | 32.1 | 54.0 | V |
| 21161.000000 | 22.6 | -13.8 | 31.4 | 54.0 | V |
| 22106.000000 | 22.2 | -13.1 | 31.8 | 54.0 | V |
| 24212.000000 | 25.3 | -12.1 | 28.7 | 54.0 | V |

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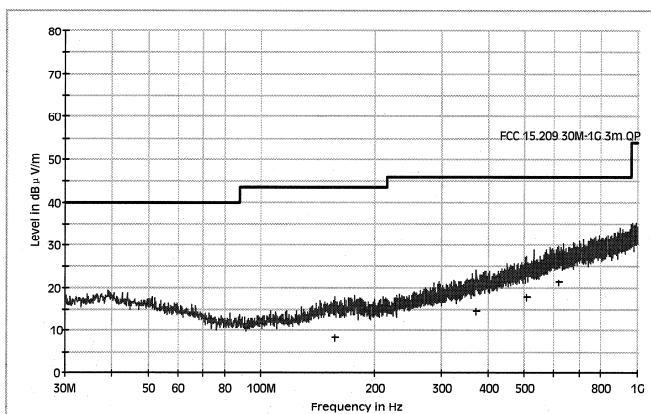
Test Plot of Spurious emission of B – Horizontal (30MHz – 1GHz)

EMC32 Report

Test Information

Manufacturer Name: Namtai
 Model Number: SLEH-00089(MIC)
 Operating Conditions: RX
 Comment: Horizontal

Subrange 1
 Frequency Range: 30MHz - 1GHz
 Receiver: TUV ESC13
 Transducer: TUV SAC UVLB 9168 / TUV ESC13 -TUV SAC UVLB 9168



Limit and Margin

| Frequency (MHz) | QuasiPeak (dB μV/m) | Corr. (dB) | Margin (dB) | Limit (dB μV/m) | Polarity |
|-----------------|---------------------|------------|-------------|-----------------|----------|
| 157.050000 | 8.4 | 12.8 | 35.1 | 43.5 | H |
| 372.900000 | 14.9 | 18.8 | 31.1 | 46.0 | H |
| 505.650000 | 18.0 | 21.9 | 28.0 | 46.0 | H |
| 614.950000 | 21.5 | 24.4 | 24.5 | 46.0 | H |



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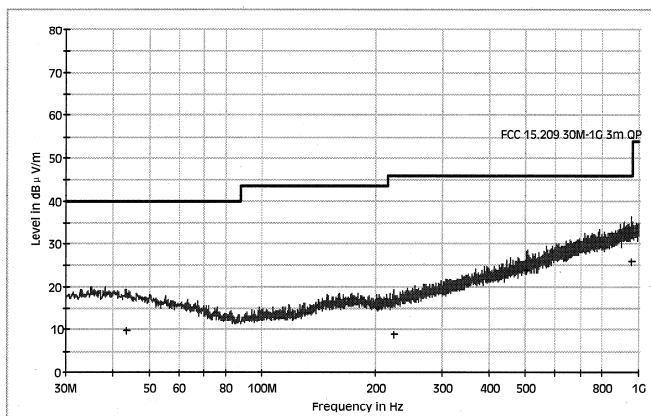
Test Plot of Spurious emission of B – Vertical (30MHz – 1GHz)

EMC32 Report

Test Information

Manufacturer Name: Namtai
 Model Number: SLEH-00089(MIC)
 Operating Conditions: RX
 Comment: Vertical

Subrange 1
 Frequency Range: 30MHz - 1GHz
 Receiver: TUV ESCI 3
 Transducer: TUV SAC UVLB 9168 / TUV ESCI3 -TUV SAC UVLB 9168



Limit and Margin

| Frequency (MHz) | QuasiPeak (dB μ V/m) | Corr. (dB) | Margin (dB) | Limit (dB μ V/m) | Polarity |
|-----------------|----------------------|------------|-------------|------------------|----------|
| 43.350000 | 9.8 | 13.9 | 30.2 | 40.0 | V |
| 223.250000 | 8.8 | 13.3 | 37.2 | 46.0 | V |
| 501.100000 | 23.9 | 21.7 | 22.1 | 46.0 | V |
| 956.250000 | 26.1 | 29.1 | 19.9 | 46.0 | V |



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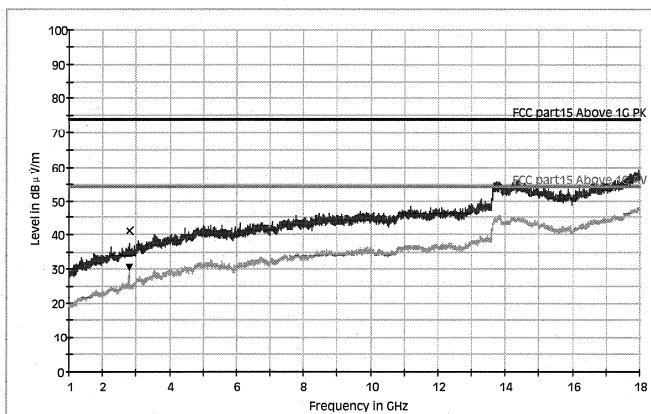
Test Plot of Spurious emission of B – Horizontal (1GHz – 18GHz)

EMC32 Report

Test Information

Manufacturer Name: Namtai
 Model Number: SLEH-00089(MIC)
 Operating Conditions: RX
 Comment: Horizontal

Subrange 1
 Frequency Range: 1GHz - 18GHz
 Receiver: TUV FSP 30
 Transducer: TUV SAC HF906 / TUV FSP 30-TUV SAC HF906



Limit and Margin PK

| Frequency (MHz) | MaxPeak (dB μV/m) | Margin (dB) | Limit (dB μV/m) | Polarity | Corr. (dB) |
|-----------------|-------------------|-------------|-----------------|----------|------------|
| 2787.50000 | 41.2 | 32.8 | 74.0 | H | -11.6 |

Limit and Margin AV

| Frequency (MHz) | Average (dB μV/m) | Margin (dB) | Limit (dB μV/m) | Polarity | Corr. (dB) |
|-----------------|-------------------|-------------|-----------------|----------|------------|
| 2787.50000 | 30.5 | 23.5 | 54.0 | H | -11.6 |



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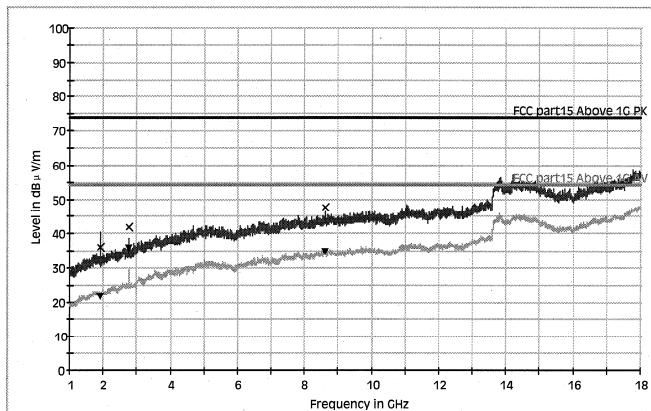
Test Plot of Spurious emission of B – Vertical (1GHz – 18GHz)

EMC32 Report

Test Information

Manufacturer Name: Namtai
 Model Number: SLEH-00089(MIC)
 Operating Conditions: RX
 Comment: Vertical

Subrange 1
 Frequency Range: 1GHz - 18GHz
 Receiver: TUV FSP 30
 Transducer: TUV SAC HF906 / TUV FSP 30-TUV SAC HF906



Limit and Margin PK

| Frequency (MHz) | MaxPeak (dB μ V/m) | Margin (dB) | Limit (dB μ V/m) | Polarity | Corr. (dB) |
|-----------------|--------------------|-------------|------------------|----------|------------|
| 1909.500000 | 36.1 | 37.9 | 74.0 | V | -13.6 |
| 2767.500000 | 41.8 | 32.2 | 74.0 | V | -11.4 |
| 8609.500000 | 47.6 | 26.4 | 74.0 | V | 1.1 |

Limit and Margin AV

| Frequency (MHz) | Average (dB μ V/m) | Margin (dB) | Limit (dB μ V/m) | Polarity | Corr. (dB) |
|-----------------|--------------------|-------------|------------------|----------|------------|
| 1909.500000 | 21.6 | 32.4 | 54.0 | V | -13.6 |
| 2767.500000 | 35.9 | 18.1 | 54.0 | V | -11.4 |
| 8609.500000 | 34.7 | 19.3 | 54.0 | V | 1.1 |



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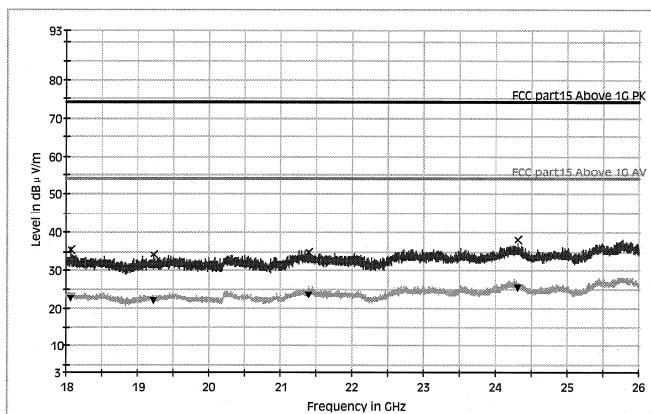
Test Plot of Spurious emission of B – Horizontal (18GHz – 26GHz)

EMC32 Report

Test Information

Manufacturer Name: Namtai
 Model Number: SLEH-00089(MIC)
 Operating Conditions: RX
 Comment: Horizontal

Subrange 1
 Frequency Range: 18GHz - 26GHz
 Receiver: TUV FSP 30
 Transducer: TUV SAC 3160-09 / TUV FSP 30-TUV SAC 3160-09



Limit and Margin PK

| Frequency (MHz) | MaxPeak (dB μ V/m) | Corr. (dB) | Margin (dB) | Limit (dB μ V/m) | Polarity |
|-----------------|--------------------|------------|-------------|------------------|----------|
| 18062.000000 | 35.6 | -14.5 | 38.4 | 74.0 | H |
| 19218.000000 | 34.0 | -14.0 | 40.0 | 74.0 | H |
| 21395.000000 | 34.9 | -13.2 | 39.1 | 74.0 | H |
| 24308.000000 | 38.0 | -12.1 | 36.0 | 74.0 | H |

Limit and Margin AV

| Frequency (MHz) | Average (dB μ V/m) | Corr. (dB) | Margin (dB) | Limit (dB μ V/m) | Polarity |
|-----------------|--------------------|------------|-------------|------------------|----------|
| 18062.000000 | 22.6 | -14.5 | 31.4 | 54.0 | H |
| 19218.000000 | 21.8 | -14.0 | 32.2 | 54.0 | H |
| 21395.000000 | 23.5 | -13.2 | 30.5 | 54.0 | H |
| 24308.000000 | 25.4 | -12.1 | 28.6 | 54.0 | H |

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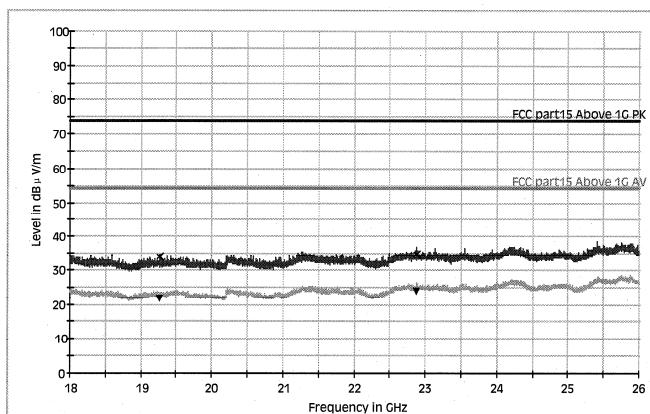
Test Plot of Spurious emission of B – Vertical (18GHz – 26GHz)

EMC32 Report

Test Information

Manufacturer Name: Namta
 Model Number: SLEH-00089(MIC)
 Operating Conditions: RX
 Comment: Vertical

Subrange 1
 Frequency Range: 18GHz - 26GHz
 Receiver: TUV FSP 30
 Transducer: TUV SAC 3160-09 / TUV FSP 30-TUV SAC 3160-09



Limit and Margin PK

| Frequency (MHz) | MaxPeak (dB μV/m) | Corr. (dB) | Margin (dB) | Limit (dB μV/m) | Polarity |
|-----------------|-------------------|------------|-------------|-----------------|----------|
| 19261.000000 | 33.9 | -13.9 | 40.1 | 74.0 | V |
| 22874.000000 | 34.7 | -13.0 | 39.3 | 74.0 | V |

Limit and Margin AV

| Frequency (MHz) | Average (dB μV/m) | Corr. (dB) | Margin (dB) | Limit (dB μV/m) | Polarity |
|-----------------|-------------------|------------|-------------|-----------------|----------|
| 19261.000000 | 21.7 | -13.9 | 32.3 | 54.0 | V |
| 22874.000000 | 23.7 | -13.0 | 30.3 | 54.0 | V |



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5.1.6 Frequency Separation

RESULT:

Passed

Date of testing : 2008-11-21
 Test standard : FCC part 15.247(a)(1)
 RSS-210 A8.1 (b)
 Basic standard : ANSI C63.4: 2003
 Limit : $\geq 25\text{kHz}$ or $2/3$ of 20dB bandwidth, whichever is greater

Test setup

Test Channel : Low/ Middle/ High
 Operation Mode : A
 Ambient temperature : 20°C
 Relative humidity : 48%
 Atmospheric pressure : 101 kPa

Table 6: Test result of Frequency Separation

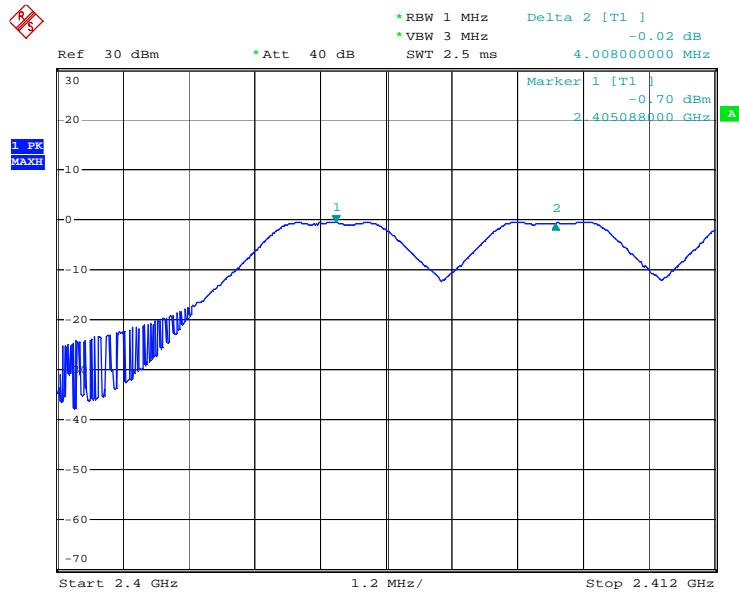
| Channel | Channel Frequency (MHz) | Measured Channel Separation (MHz) | Limit (kHz) | Result |
|-------------------|-------------------------|-----------------------------------|--|--------|
| Low Channel | 2405 | 4 | $\geq 25\text{kHz}$ or $2/3$ of 20dB bandwidth | Pass |
| Adjacency Channel | 2409 | | | |
| Mid Channel | 2437 | 4 | $\geq 25\text{kHz}$ or $2/3$ of 20dB bandwidth | Pass |
| Adjacency Channel | 2441 | | | |
| High Channel | 2473 | 4 | $\geq 25\text{kHz}$ or $2/3$ of 20dB bandwidth | Pass |
| Adjacency Channel | 2477 | | | |

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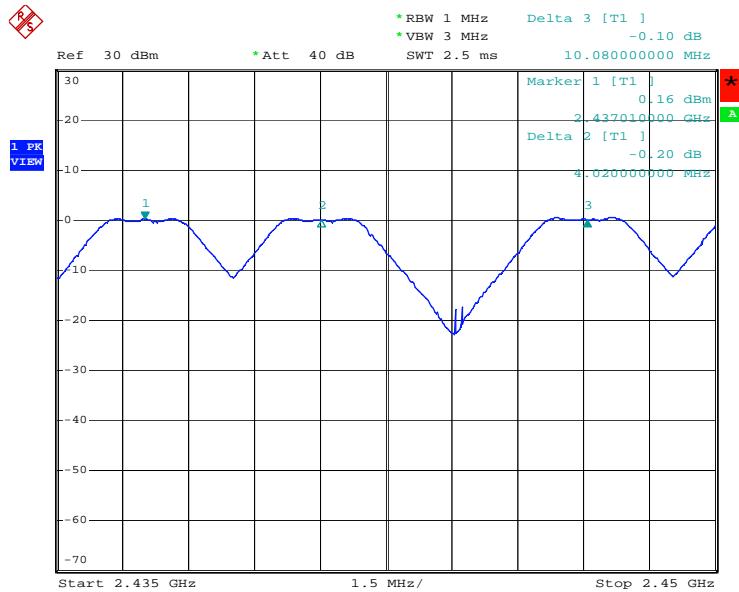
Test Plot of Frequency Separation

Low Channel



Date: 21.NOV.2008 10:52:37

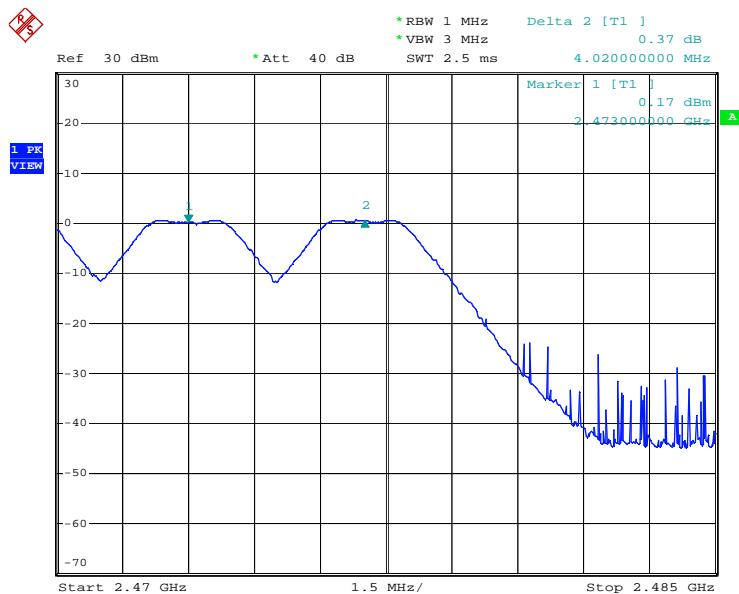
Middle Channel



Date: 21.NOV.2008 10:55:57

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High Channel



Date: 21.NOV.2008 10:41:03

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5.1.7 Number of hopping frequency

RESULT:**Passed**

| | | |
|-------------------|---|--|
| Date of testing | : | 2008-11-21 |
| Test standard | : | FCC part 15.247(a)(1)(iii) RSS-210 A8.1 (d) |
| Basic standard | : | ANSI C63.4: 2003 |
| Limits | : | ≥ 15 non-overlapping channels |
| Kind of test site | : | Shield room |

Test setup

| | | |
|----------------------|---|-------------------|
| Test Channel | : | Low/ Middle/ High |
| Operation Mode | : | A |
| Ambient temperature | : | 20°C |
| Relative humidity | : | 48% |
| Atmospheric pressure | : | 101 kPa |

Table 7: Test result of Number of hopping frequency

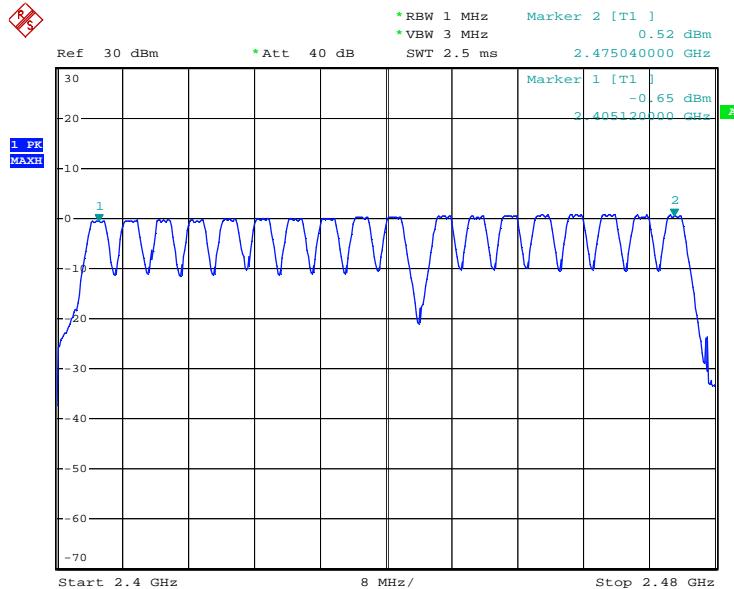
| Frequency Range | Measured Quantity of Hopping Channel | Limit | Result |
|------------------|--------------------------------------|-------|--------|
| 2405 to 2477 MHz | 18 | ≥15 | Pass |

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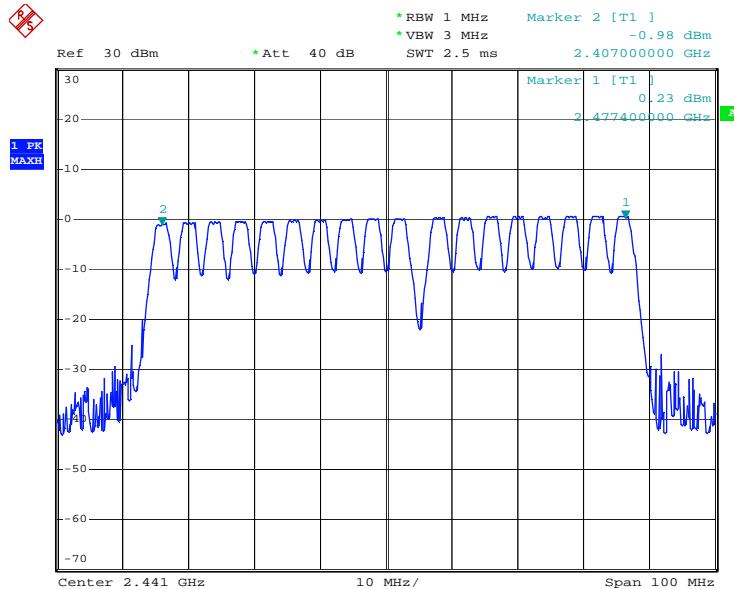
Test Plot of Number of hopping frequencies

Microphone No.1



Date: 21.NOV.2008 10:49:29

Microphone No.2



Date: 21.NOV.2008 10:36:42

5.1.8 Time of Occupancy

RESULT:
Passed

| | | |
|-------------------|---|--|
| Date of testing | : | 2008-11-21 |
| Test standard | : | FCC part 15.247(a)(1)(iii) RSS-210 A8.1 (d) |
| Basic standard | : | ANSI C63.4: 2003 |
| Limits | : | 0.4s |
| Kind of test site | : | Shield room |

Test setup

| | | |
|----------------------|---|-------------------|
| Test Channel | : | Low/ Middle/ High |
| Operation Mode | : | A |
| Ambient temperature | : | 20°C |
| Relative humidity | : | 48% |
| Atmospheric pressure | : | 101 kPa |

Table 8: Test result of Time of Occupancy

| Channel | Pulse width (μ s) | Measured Dwell time (s) | Limit (s) | Result |
|--------------|---------------------------|-------------------------------|--------------|--------|
| Low Channel | 92 | 0.0022 | 0.4 | Pass |
| Mid Channel | 92 | 0.0022 | 0.4 | Pass |
| High Channel | 96 | 0.0023 | 0.4 | Pass |

Note:

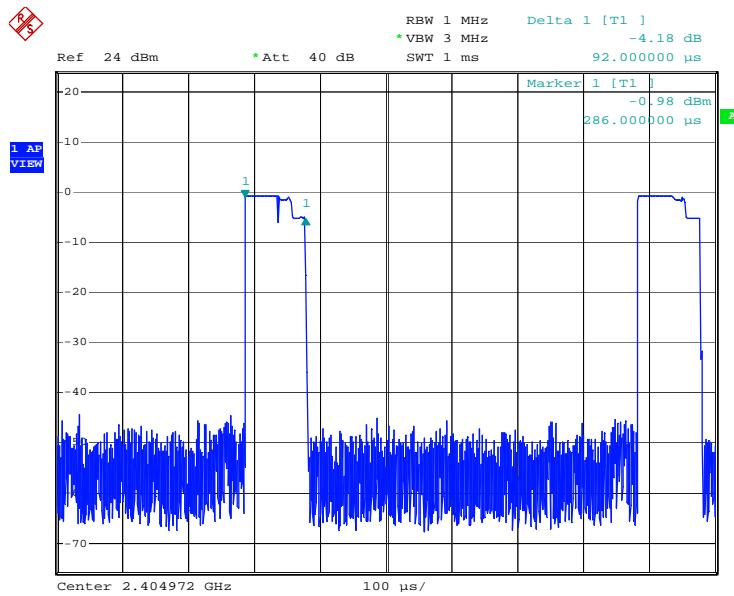
Dwell time = Pulse width x (Hopping rate / Number of channels) x Period

Period = 0.4 (seconds/ channel) x 18 (channel) = 7.2 seconds

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Test Plot of Time of Occupancy

Low Channel

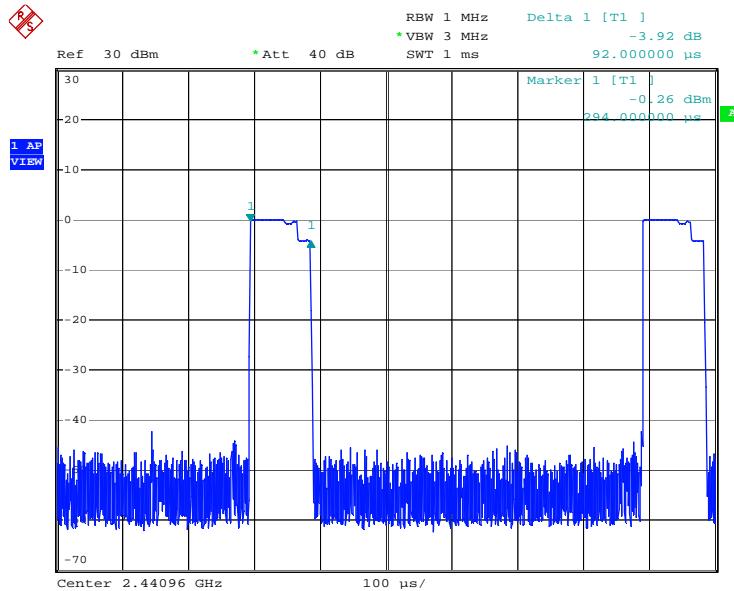


Date: 21.NOV.2008 09:53:17

Middle Channel

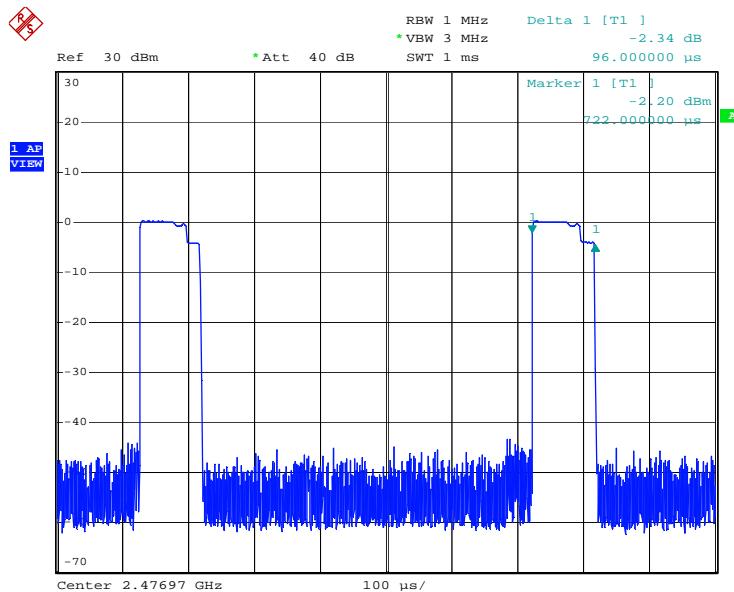
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Date: 21.NOV.2008 10:13:24

High Channel



Date: 21.NOV.2008 10:24:52

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5.1.9 Peak Power Density

RESULT:**Passed**

Date of testing : 2008-11-21
Test standard : FCC part 15.247(e)
Basic standard : ANSI C63.4: 2003
Limits : 8.0 dBm (in any 3kHz band)
Kind of test site : Shield room

Test setup

Test Channel : Low/ Middle/ High
Operation Mode : A
Ambient temperature : 20°C
Relative humidity : 48%
Atmospheric pressure : 101 kPa

Table 9: Test result of Peak Power Density

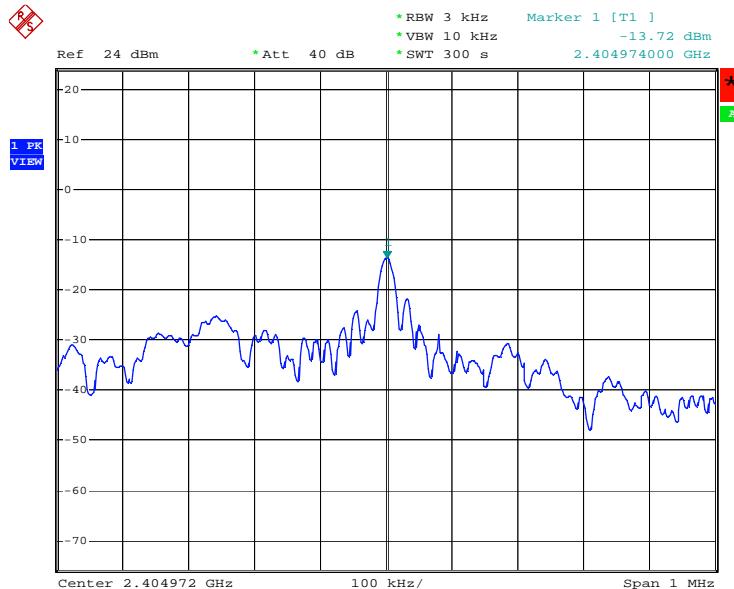
| Channel | Channel Frequency (MHz) | Reading Power (dBm) | Limit (dBm) | Result |
|--------------|-------------------------|---------------------|-------------|--------|
| Low Channel | 2405 | -13.7 | 8 | Pass |
| Mid Channel | 2441 | -13.3 | 8 | Pass |
| High Channel | 2477 | -12.2 | 8 | Pass |

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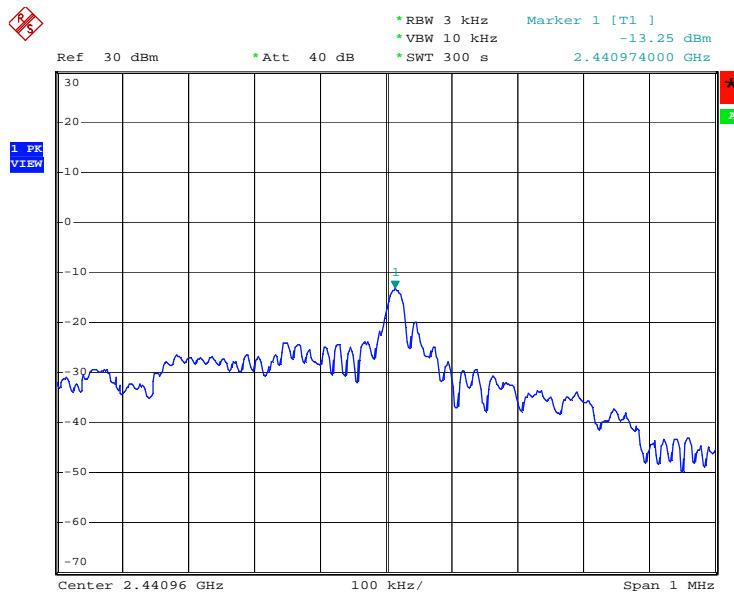
Test Plot of Peak Power Density

Low Channel

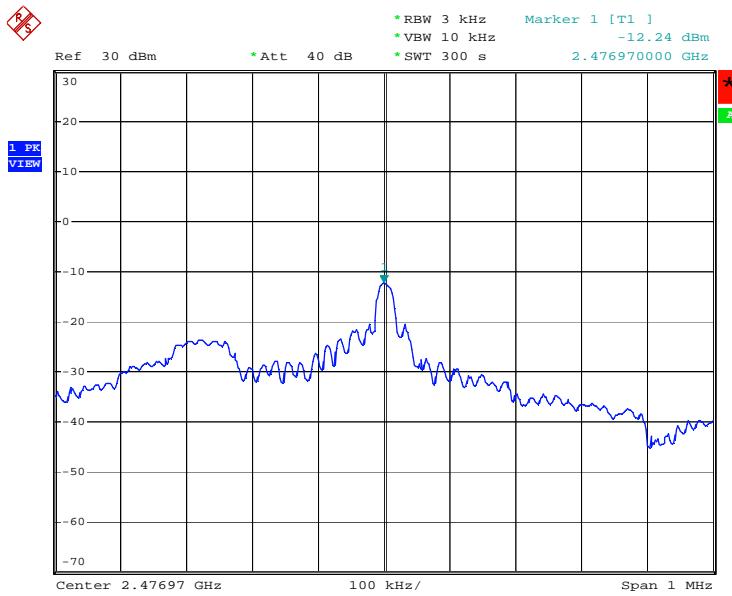


Date: 21.NOV.2008 10:06:09

Middle Channel



Date: 21.NOV.2008 10:19:47

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Page 59 of 71**High Channel**

Date: 21.NOV.2008 10:31:43

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5.1.10 Radiated emissions

RESULT:**Passed**

| | | |
|-------------------|---|---|
| Date of testing | : | 2008-09-24 |
| Test standard | : | FCC Part 15.209 FCC Part 15.109 RSS-210 Clause 2.6 |
| Basic standard | : | ANSI C63.4: 2003 |
| Frequency range | : | 30 – 1000MHz |
| Limits | : | FCC Part 15.209(a) FCC Part 15.109(a) RSS-210 Table 2 |
| Kind of test site | : | 3m Semi-Anechoic Chamber |

Test Setup

| | | |
|----------------------|---|---------------|
| Input Voltage | : | DC 3V |
| Operation Mode | : | A+B |
| Earthing | : | Not Connected |
| Ambient temperature | : | 22°C |
| Relative humidity | : | 50% |
| Atmospheric pressure | : | 100 kPa |

For details refer to following test curves.

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Test Plot of Radiated emissions, Horizontal

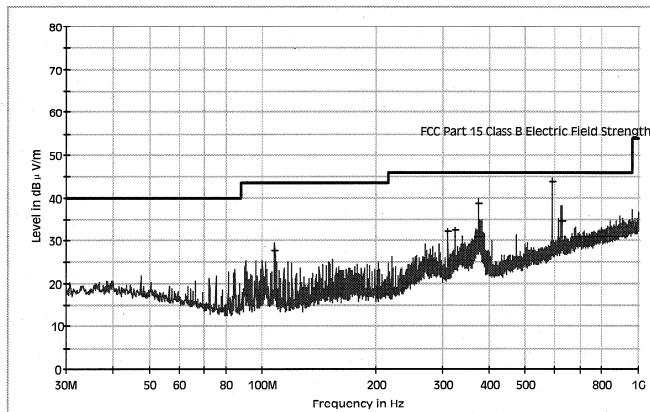
EMC32 Report

Test Information

Manufacturer Name: Namtai
 Model Number: SLEH-00089
 Operating Conditions: D. Communicating with PS3
 Comment: Horizontal



Subrange 1
 Frequency Range: 30MHz - 1GHz
 Receiver: TUV ESCI 3
 Transducer: TUV SAC UVLB 9168 / TUV ESCI3 -TUV SAC UVLB 9168



Limit and Margin

| Frequency (MHz) | QuasiPeak (dB μ V/m) | Corr. (dB) | Margin (dB) | Limit (dB μ V/m) | Polarity |
|-----------------|----------------------|------------|-------------|------------------|----------|
| 107.950000 | 27.8 | 9.7 | 15.7 | 43.5 | H |
| 310.950000 | 32.3 | 16.7 | 13.7 | 46.0 | H |
| 324.000000 | 32.5 | 17.2 | 13.5 | 46.0 | H |
| 375.000000 | 38.7 | 18.9 | 7.3 | 46.0 | H |
| 589.850000 | 43.9 | 23.9 | 2.1 | 46.0 | H |
| 624.950000 | 34.7 | 24.5 | 11.3 | 46.0 | H |



2008-09-04

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Test Plot of Radiated emissions, Vertical

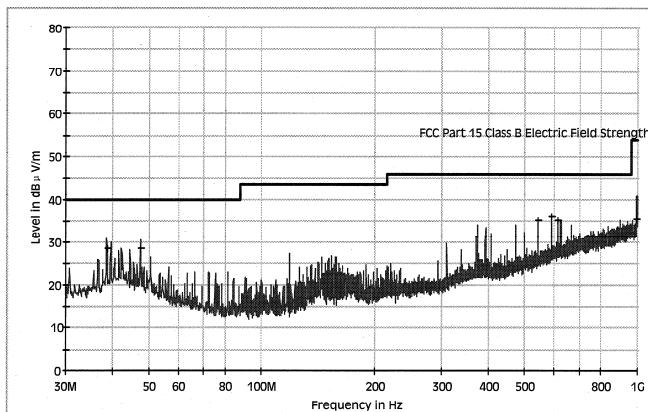
EMC32 Report

Test Information

Manufacturer Name: Namtai
 Model Number: SLEH-00089
 Operating Conditions: D. Communicating with PS3
 Comment: Vertical



Subrange 1
 Frequency Range: 30MHz - 1GHz
 Receiver: TUV ESCI 3
 Transeuder: TUV SAC UVLB 9168 / TUV ESCI3 -TUV SAC UVLB 9168



Limit and Margin FCC

| Frequency (MHz) | QuasiPeak (dB μ V/m) | Corr. (dB) | Margin (dB) | Limit (dB μ V/m) | Polarity |
|-----------------|----------------------|------------|-------------|------------------|----------|
| 38.650000 | 28.5 | 14.4 | 11.5 | 40.0 | V |
| 47.550000 | 28.7 | 13.3 | 11.3 | 40.0 | V |
| 541.900000 | 35.2 | 22.4 | 10.8 | 46.0 | V |
| 589.850000 | 36.0 | 23.9 | 10.0 | 46.0 | V |
| 609.650000 | 35.2 | 24.3 | 10.8 | 46.0 | V |
| 996.050000 | 35.6 | 29.7 | 18.4 | 54.0 | V |



2008-09-04

5:09:13 PM

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5.1.11 Restricted bands

RESULT:**Passed**

| | | |
|-------------------|---|--|
| Date of testing | : | 2008-09-24 |
| Test standard | : | FCC Part 15.205 RSS-210 Clause 2.2 |
| Basic standard | : | ANSI C63.4: 2003 |
| Limits | : | FCC Part 15.205 RSS-210 Table 2 and 3 |
| Kind of test site | : | 3m Semi-Anechoic Chamber |

Test Setup

| | | |
|----------------------|---|---------------|
| Test Channel | : | Low/ High |
| Input Voltage | : | DC 3V |
| Operation Mode | : | A |
| Earthing | : | Not Connected |
| Ambient temperature | : | 22°C |
| Relative humidity | : | 50% |
| Atmospheric pressure | : | 100 kPa |

For details refer to following test curves.

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Test Plot of Radiated emissions in restricted bands, Horizontal, Mode A.1

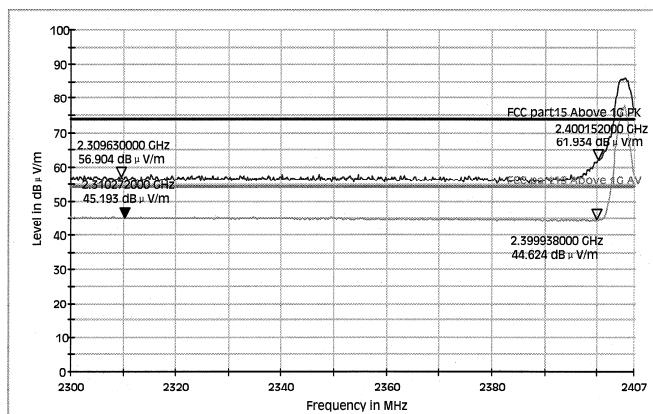
EMC32 Report

Test Information

Manufacturer Name: Namtaï
Model Number: SLEH-00089(MIC)
Operating Conditions: TX_Low channel
Comment: Horizontal

Subrange 1
Frequency Range: 2.3GHz – 2.407GHz
Receiver: TUV FSP 30
Transducer: TUV SAC HF906 / TUV FSP 30-TUV SAC HF906

RBW = 1 MHz
VBW = 3 MHz
SWT = 100 ms



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Test Plot of Radiated emissions in restricted bands, Vertical, Mode A.1

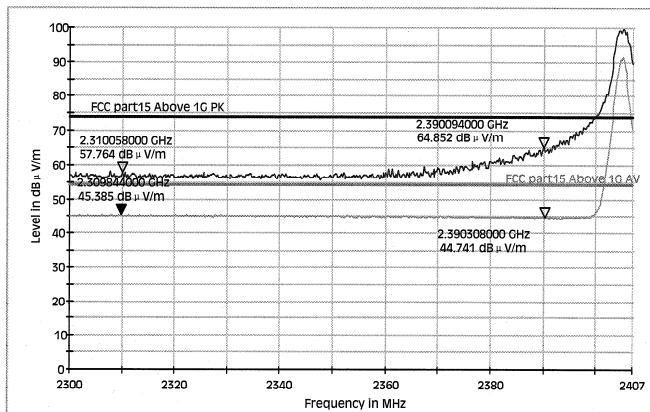
EMC32 Report

Test Information

Manufacturer Name: Namta
Model Number: SLEH-00089(MIC)
Operating Conditions: TX_Low channel
Comment: Vertical

Subrange 1
Frequency Range: 2.3GHz – 2.407GHz
Receiver: TUV FSP 30
Transducer: TUV SAC HF906 / TUV FSP 30-TUV SAC HF906

RBW = 1 MHz
VBW = 3 MHz
SWT = 100 ms

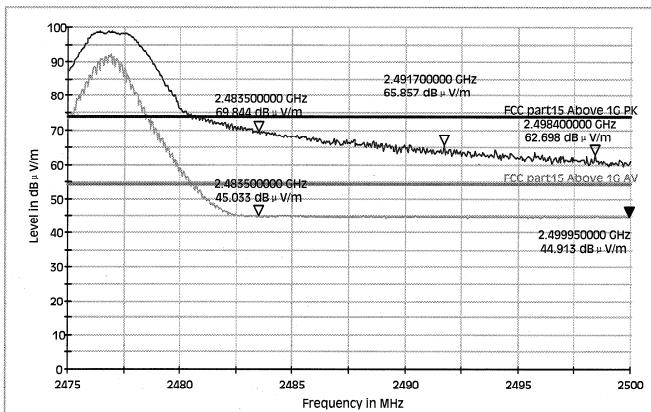


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Test Report No.Seite 66 von 71
Page 66 of 71**Test Plot of Radiated emissions in restricted bands, Horizontal,
Mode A.3****EMC32 Report****Test Information**

Manufacturer Name: Namtaï
Model Number: SLEH-00089(MIC)
Operating Conditions: TX_High channel
Comment: Horizontal

Subrange 1
Frequency Range: 2.475GHz – 2.5GHz
Receiver: TUV FSP 30
Transducer: TUV SAC HF906 / TUV FSP 30-TUV SAC HF906

RBW = 1 MHz
VBW = 3 MHz
SWT = 100 ms

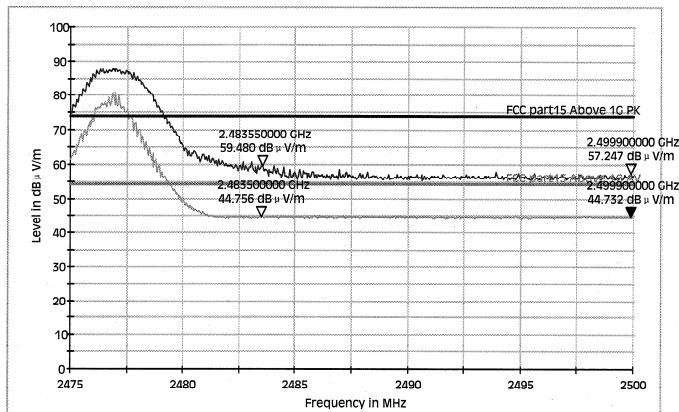


Prüfbericht - Nr.: **17010514 001**
Test Report No.Seite 67 von 71
Page 67 of 71**Test Plot of Radiated emissions in restricted bands, Vertical, Mode A.3****EMC32 Report****Test Information**

Manufacturer Name: Namtai
Model Number: SLEH-00089(MIC)
Operating Conditions: TX_High channel
Comment: Vertical

Subrange 1
Frequency Range: 2.475GHz – 2.5GHz
Receiver: TUV FSP 30
Transducer: TUV SAC HF906 / TUV FSP 30-TUV SAC HF906

RBW = 1 MHz
VBW = 3 MHz
SWT = 100 ms



6. Photographs of the Test Set-Up

Photograph 1: Set-up for Radiated Emissions



Photograph 2: Set-up for Transmitter test



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Photograph 3: Set-up for Spurious Emissions (30MHz-1GHz)



Photograph 4: Set-up for Spurious Emissions (1GHz-18GHz)



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Photograph 5: Set-up for Spurious Emissions (18GHz-26GHz)



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