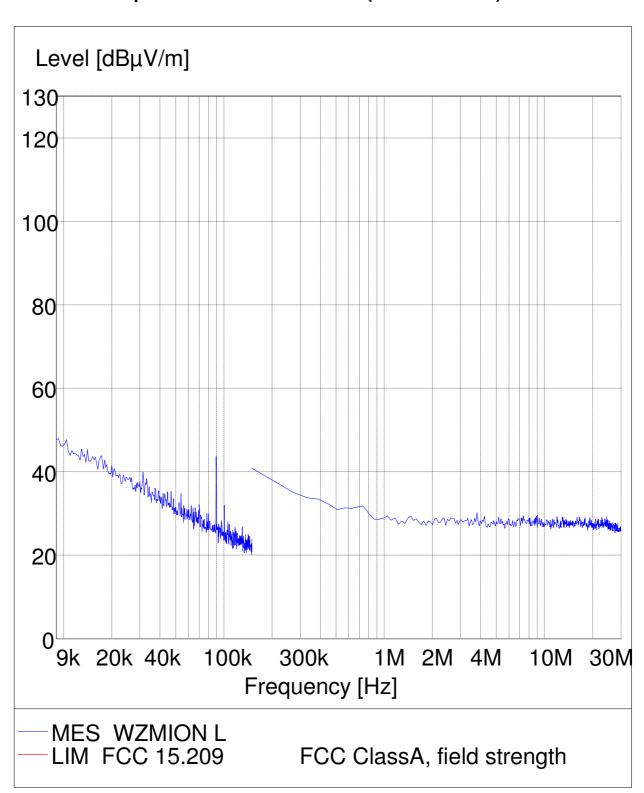


Test Plot of Spurious emission of A.1 – (9kHz – 30MHz)



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

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

101 kPa.

EMC Test Record (EMISSION)

Test Information

Manufacturer:

Test Item: Wireless SingStar Microphone

Identification SLEH-00136(MIC) FCC Part 15 Test Standard:

Test Detail: RE

Operation Mode: Tx @ Low channel

Climate Condition: 50 %RH;

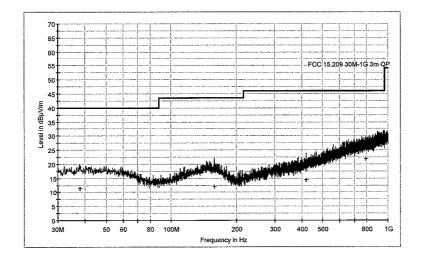
25 °C; 50 DC 3V 163055638 200 Test Voltage / Freq. : Receipt No.: 17014192 001 Report No.

Result: Pass Comment: Horizontal

Subrange 1

Frequency Range: 30MHz - 1GHz TUV ESCI 3 Receiver:

TUV SAC UVLB 9168 / TUV ESCI3 -TUV SAC UVLB 9168 Transducer:

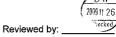


Limit and Margin QP

	Frequency (MHz)	QuasiPeak (dB V/m)	Corr. (dB)	Margin (dB)	Limit (dB μ V/m)	Polarity
Г	37.800000	11.3	14.5	28.7	40.0	H
Γ	157.700000	12.1	15.6	31.4	43.5	Н.
	419.200000	14.4	17.9	31.6	46.0	H
	788.300000	21.9	24.4	24.1	46.0	H

Date: 11/20/2009 - Time: 10:48:06 AM





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

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

Test Information

Manufacturer:

Namtai

Test Item: Identification Wireless SingStar Microphone SLEH-00136(MIC)

Test Standard:

FCC Part 15

Test Detail:

RE Tx @ Low channel

Operation Mode: Climate Condition:

50 %RH;

Test Voltage / Freq. : Receipt No.:

25 ℃; DC 3V

163055638 200

Report No.

17014192 001

Result:

Pass

Comment:

Vertical

Subrange 1

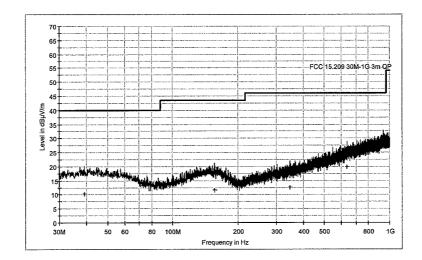
Frequency Range:

30MHz - 1GHz TUV ESCI 3

Receiver: Transducer:

TUV SAC UVLB 9168 / TUV ESCI3 -TUV SAC UVLB 9168

101 kPa.

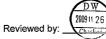


Limit and Margin QP

Frequency (MHz)	QuasiPeak (dB µ V/m)	Corr. (dB)	Margin (dB)	Limit (dB µ V/m)	Polarity
39.100000	10.3	14.7	29.7	40.0	V
155.500000	11.7	15.7	31.8	43.5	V
347.900000	12.7	16.2	33.3	46.0	V
633.800000	19.8	22.3	26.2	46.0	V

Date: 11/20/2009 - Time: 11:00:19 AM







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

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

Test Information

Manufacturer: Test Item:

Wireless SingStar Microphone

Identification

SLEH-00136(MIC)

Test Standard:

FCC Part 15

Test Detail: Operation Mode: RE

Climate Condition:

Tx @ Low channel 25 ℃; 50 %F DC 3V 50 %RH;

Test Voltage / Freq. : Receipt No.:

163055638 200

17014192 001

Report No. Result:

Pass

Comment:

Horizontal

Subrange 1

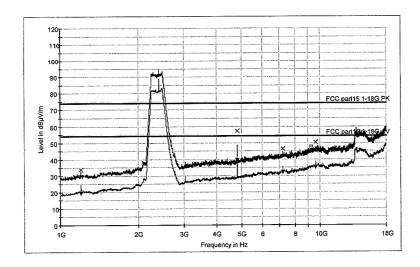
Frequency Range:

1GHz - 18GHz TUV FSP 30

Receiver: Transducer:

TUV SAC HF906 / TUV FSP 30-TUV SAC HF906

101 kPa.



Limit and Margin PK

Frequency (MHz)	MaxPeak (dB µ V/m)	Margin (dB)	Limit (dB μ V/m)	Polarity	Corr. (dB)
1202.000000	33.6	40.4	74.0	Н	-15.9
4810.000000	57.4	16.6	74.0	H_	<u>-5.5</u>
7215.000000	46.4	27.6	74.0	H	-0.1
9617.000000	50.4	23.6	74.0	H	4.8

Date: 11/20/2009 - Time: 2:24:32 PM







17014193 001

Page 5 of 44



TUV Rheinland (Guangdong) Ltd.

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Products

EMC Test Service Hotline: +86-20-28391188

Limit and Margin AV

Frequency (MHz)	Average (dB μ V/m)	Margin (dB)	Limit (dB µ V/m)	Polarity	Corr. (dB)
1202.000000	19.7	34.3	54.0	Н	-15.9
4810.000000	39.6	14.4	54.0	Н	-5.5
7215.000000	31.9	22.1	54.0	H	-0.1
9617.000000	35.3	18.7	54.0	H	4.8

Date: 11/20/2009 - Time: 2:24:32 PM







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

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

Test Information

Manufacturer: Namtai

Wireless SingStar Microphone SLEH-00136(MIC) Test Item:

Identification

FCC Part 15 Test Standard: RE

Test Detail:

Operation Mode: Tx @ Low channel

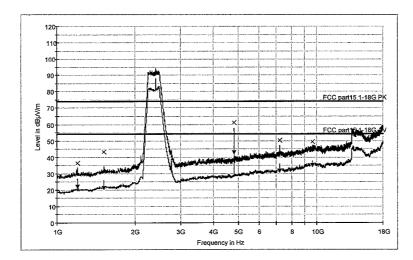
25 ℃; DC 3V Climate Condition: 50 %RH; 101 kPa.

Test Voltage / Freq. : Receipt No.: 163055638 200 17014192 001 Report No. Result: Pass Comment: Vertical

Subrange 1

Frequency Range: Receiver: 1GHz - 18GHz

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)
1202.000000	36.4	37.6	74.0	V	-15.9
1520.500000	43.1	30.9	74.0	V	-14.6
4810.000000	61.1	12.9	74.0	V	-5.5
7215.000000	45.9	28.1	74.0	V	-0.1
9620.000000	49.2	24.8	74.0	V	4.9

Date: 11/20/2009 - Time: 2:49:17 PM





17014193 001

Produkte
Products



Page 7 of 44

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin AV

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Frequency (MHz)	Average (dB μ V/m)	Margin (dB)	Limit (dB μ V/m)	Polarity	Corr. (dB)
1202.000000	22.2	31.8	54.0	V	-15.9
1520.500000	21.2	32.8	54.0	V	-14.6
4810.000000	42.8	11.2	54.0	V	-5.5
7215.000000	31.6	22.4	54.0	V	-0.1
9620 000000	35.0	19.0	54.0	V	4.9





Test Plot of Spurious emission of A.1 – Horizontal (18GHz – 26GHz)

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

Test Information

Manufacturer: Namtai

Wireless SingStar Microphone SLEH-00136(MIC) Test Item:

Identification Test Standard: FCC Part 15

Test Detail: RE

Operation Mode: Tx @ Low channel

25 °C; DC 3V 50 %RH; 101 kPa.

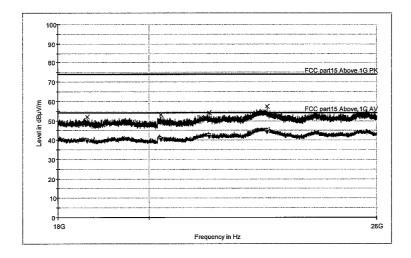
Climate Condition: Test Voltage / Freq. :

Receipt No.: 163055638 200 Report No. 17014192 001 Result: Pass Comment: Horizontal

Subrange 1

Frequency Range: 18GHz - 26GHz Receiver

TUV FSP 30 TUV SAC 3160-09 / TUV FSP 30-TUV SAC 3160-09 Transducer:



Limit and Margin PK

Frequency (MHz)	MaxPeak (dB µ V/m)	Corr. (dB)	Margin (dB)	Limit (dB μ V/m)	Polarity
18626.000000	51.9	5.7	22.1	74.0	Н
20269.000000	53.0	6.2	21.0	74.0	Н
21428.000000	54.0	7.6	20.0	74.0	H
22916.000000	57.3	9.8	16.7	74.0	H

Date: 11/24/2009 - Time: 11:32:19 AM





17014193 001

Produkte
Products
Page 9 of 44



TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin AV

Frequency (MHz)	Average (dB μ V/m)	Corr. (dB)	Margin (dB)	Limit (dB μ V/m)	Polarity
18626.000000	39.3	5.7	14.7	54.0	Н
20269.000000	40.2	6.2	13.8	54.0	H
21428.000000	41.5	7.6	12.5	54.0	Н
22916.000000	44.2	9.8	9.8	54.0	Н

Date: 11/24/2009 - Time: 11:32:19 AM





Test Plot of Spurious emission of A.1 – Vertical (18GHz – 26GHz)

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

Test Information

Manufacturer: Identification

Namtai Test Item:

Wireless SingStar Microphone SLEH-00136(MIC)

FCC Part 15

Test Standard: Test Detail:

RE

Operation Mode:

Tx @ Low channel 25 ℃; 50 %F DC 3V

Climate Condition: Test Voltage / Freq. : 50 %RH;

Receipt No.:

163055638 200

Report No.

17014192 001 Pass

Result: Comment:

Vertical

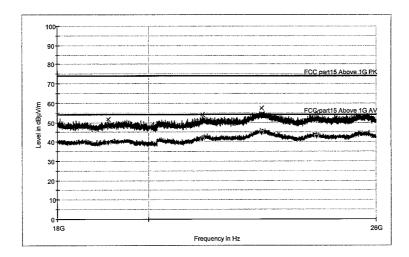
Subrange 1 Frequency Range:

18GHz - 26GHz

Receiver: Transducer:

TUV SAC 3160-09 / TUV FSP 30-TUV SAC 3160-09

101 kPa.



Limit and Margin PK

Frequency (MHz)	MaxPeak (dB μ V/m)	Corr. (dB)	Margin (dB)	Limit (dB u V/m)	Polarity
19084.000000	51.8	6.2	22.2	74.0	V
21276.000000	54.1	7.4	19.9	74.0	V
22780.000000	57.2	10.3	16.8	74.0	V
24280.000000	55.1	7.6	18.9	74.0	V

Date: 11/24/2009 - Time: 11:47:09 AM







17014193 001

Produkte Products

Page 11 of 44



TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin AV

Frequency (MHz)	Average (dB μ V/m)	Corr. (dB)	Margin (dB)	Limit (dB µ V/m)	Polarity
19084.000000	39.3	6.2	14.7	54.0	V
21276.000000	41.3	7.4	12.7	54.0	V
22780.000000	44.4	10.3	9.6	54.0	V
24280.000000	42.8	7.6	11.2	54.0	V

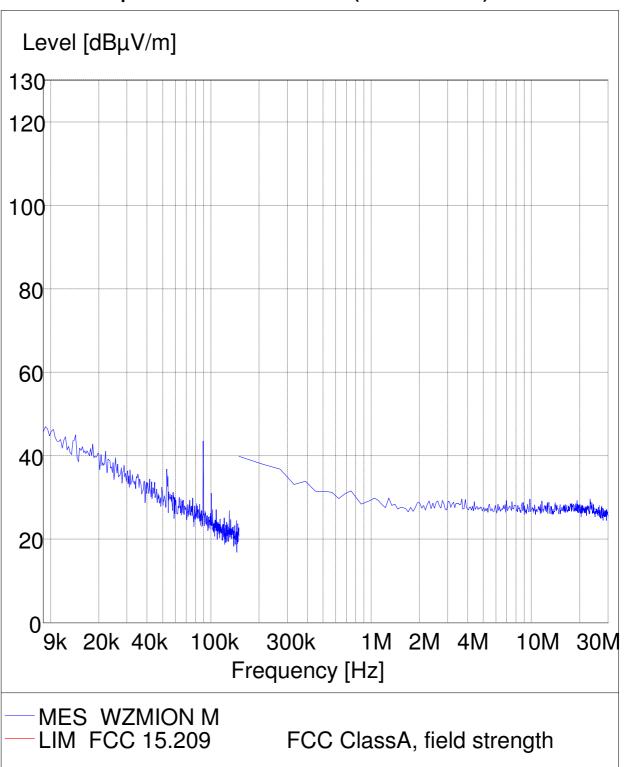
Date: 11/24/2009 - Time: 11:47:09 AM





Page 12 of 44

Test Plot of Spurious emission of A.2 – (9kHz – 30MHz)



17014193 001 Page 13 of 44



Test Plot of Spurious emission of A.2 – Horizontal (30MHz – 1GHz)

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

Test Information

Manufacturer:

Namtai

Test Item: Identification Wireless SingStar Microphone SLEH-00136(MIC)

Test Standard:

FCC Part 15

Test Detail:

RE

Operation Mode: Climate Condition: Tx @ Mid channel

Test Voltage / Freq. :

50 %RH; 25 ℃; DC 3V

Receipt No.:

163055638 200

Report No.

17014192 001

Result: Comment: Pass Horizontal

Subrange 1

Frequency Range:

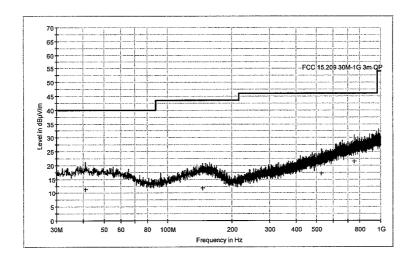
30MHz - 1GHz TUV ESCI 3

Receiver:

Transducer:

TUV SAC UVLB 9168 / TUV ESCI3 -TUV SAC UVLB 9168

101 kPa.



Limit and Margin QP

Frequency (MHz)	QuasiPeak (dB μ V/m)	Corr. (dB)	Margin (dB)	Limit (dB V/m)	Polarity		
41.000000	11.4	14.7	28.6	40.0	H		
145.900000	11.8	15.4	31.7	43.5	Н		
524.700000	17.2	20.0	28.8	46.0	H		
749.750000	21.6	24.0	24.4	46.0	H		

Date: 11/20/2009 - Time: 10:50:37 AM







Test Plot of Spurious emission of A.2 – Vertical (30MHz – 1GHz)

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

Test Information

Manufacturer: Namtai

Test Item: Wireless SingStar Microphone

IdentificationSLEH-00136(MIC)Test Standard:FCC Part 15

Test Detail: RE

Operation Mode: Tx @ Mid channel

Climate Condition: 25 °C; 50 %RH; 101 kPa. Test Voltage / Freq. : DC 3V

 Test Voltage / Freq. :
 DC 3V

 Receipt No. :
 163055638 200

 Report No.
 17014192 001

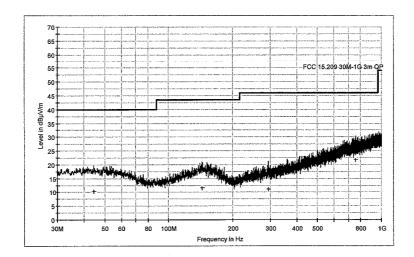
 Result:
 Pass

 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 QP

Frequency (MHz)	QuasiPeak (dB µ V/m)	Corr. (dB)	Margin (dB)	Limit (dB μ V/m)	Polarity
44.450000	10.5	14.5	29.5	40.0	V
143.750000	11.6	15.2	31.9	43.5	V
294.950000	11.1	14.9	34.9	46.0	V
755.800000	21.6	24.1	24.4	46.0	V

Date: 11/20/2009 - Time: 10:57:49 AM







Test Plot of Spurious emission of A.2 -Horizontal (1GHz -18GHz)

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

Test Information

Manufacturer:

Wireless SingStar Microphone SLEH-00136(MIC) Test Item:

Identification Test Standard: FCC Part 15

Test Detail:

Tx @ Mid channel 25 °C; 50 %F DC 3V Operation Mode:

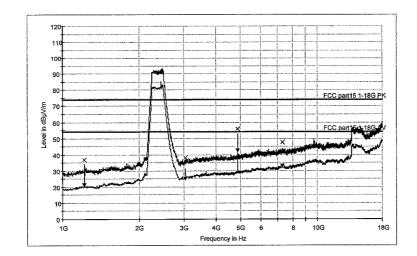
50 %RH; 101 kPa.

Climate Condition: Test Voltage / Freq. : Receipt No.: 163055638 200 Report No. 17014192 001 Result: Pass Horizontal Comment:

Subrange 1

1GHz - 18GHz TUV FSP 30 Frequency Range: Receiver:

TUV SAC HF906 / TUV FSP 30-TUV SAC HF906 Transducer:



Limit and Margin PK

Frequency (MHz)	MaxPeak (dB µ V/m)	Margin (dB)	Limit (dB µ V/m)	Polarity	Corr. (dB)
1219.000000	36.7	37.3	74.0	Н	-15.7
3038.000000	38.2	35.8	74.0	H	-8.9
4882.000000	55.8	18.2	74.0	Н	-5.6
7323.000000	47.7	26.3	74.0	H	0.4

Date: 11/20/2009 - Time: 2:54:42 PM





Produkte

Products

17014193 001



Page 16 of 44

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin AV

Frequency (MHz)	Average (dB µ V/m)	Margin (dB)	Limit (dB u V/m)	Polarity	Corr. (dB)
1219.000000	21.3	32.7	54.0	Н	-15.7
3038.000000	25.1	28.9	54.0	Н	-8.9
4882.000000	42.3	11.7	54.0	Н	-5.6
7323.000000	32.9	21.1	54.0	Н	0.4

Date: 11/20/2009 - Time: 2:54:42 PM



Reviewed by: ____

Test Plot of Spurious emission of A.2 – Vertical (1GHz – 18GHz)

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

101 kPa.

EMC Test Record (EMISSION)

Test Information

Manufacturer: Namtai

Test Item: Wireless SingStar Microphone

SLEH-00136(MIC) FCC Part 15 Identification Test Standard:

Test Detail: RE

Operation Mode: Tx @ Mid channel

Climate Condition: 50 %RH;

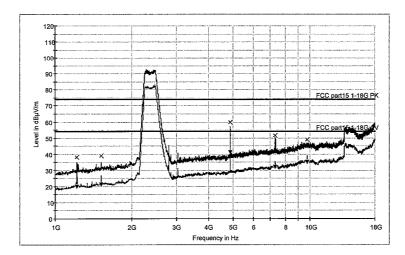
25 ℃; DC 3V Test Voltage / Freq. : Receipt No.: 163055638 200 Report No. 17014192 001

Result: Pass Comment: Vertical

Subrange 1

Frequency Range: 1GHz - 18GHz Receiver:

TUV FSP 30 TUV SAC HF906 / TUV FSP 30-TUV SAC HF906 Transducer:



Limit and Margin PK

Frequency (MHz)	MaxPeak (dB µ V/m)	Margin (dB)	Limit (dB μ V/m)	Polarity	Corr. (dB)
1219.000000	38.1	35.9	74.0	V	-15.7
1519.000000	39.0	35.0	74.0	V	-14.6
4882.000000	59.7	14.3	74.0	V	-5.6
7323.000000	51.6	22.4	74.0	V	0.4
9764.000000	48.9	25.1	74.0	٧	5.0

Date: 11/20/2009 - Time: 2:47:38 PM





17014193 001

Page 18 of 44



TUV Rheinland (Guangdong) Ltd.

Produkte

Products

EMC Test Service Hotline: +86-20-28391188

Limit and Margin AV

Frequency (MHz)	Average (dB V/m)	Margin (dB)	Limit (dB µ V/m)	Polarity	Corr. (dB)
1219.000000	19.9	34.1	54.0	V	-15.7
1519.000000	21.4	32.6	54.0	V	-14.6
4882.000000	41.1	12.9	54.0	V	-5.6
7323.000000	32.2	21.8	54.0	V	0.4
9764.000000	35.3	18.7	54.0	V	5.0

Tested by: WDZ 2009 1126

DW 2009 11 26 Checked

Date: 11/20/2009 - Time: 2:47:38 PM



Test Plot of Spurious emission of A.2 - Horizontal (18GHz -26GHz)

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

Test Information

Manufacturer: Namtai

Test Item: Wireless SingStar Microphone

Identification SLEH-00136(MIC) Test Standard: FCC Part 15

Test Detail: RE

Operation Mode:

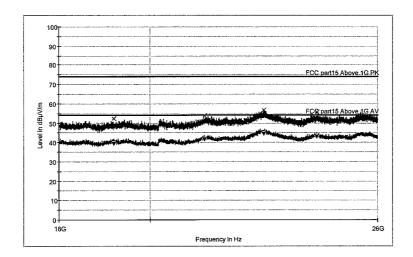
Climate Condition: 50 %RH; 101 kPa.

Tx @ Mid channel 25 °C; 50 %F DC 3V 163055638 200 17014192 001 Test Voltage / Freq. : Receipt No.: Report No. Pass Result: Comment: Horizontal

Subrange 1

18GHz - 26GHz Frequency Range: Receiver:

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
19178.000000	52.3	6.4	21.7	74.0	Н
21298.000000	53.8	7.5	20.2	74.0	Н
22801.000000	56.8	10.3	17.2	74.0	Н
24239,000000	55.6	7.6	18.4	74.0	Н

Date: 11/24/2009 - Time: 11:35:49 AM







Produkte

Products

17014193 001



Page 20 of 44

TUV Rheinland (Guangdong) Ltd.

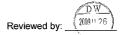
EMC Test Service Hotline: +86-20-28391188

Limit and Margin AV

Frequency (MHz)	Average (dB V/m)	Corr. (dB)	Margin (dB)	Limit (dB μ V/m)	Polarity
19178.000000	39.5	6.4	14.5	54.0	Н
21298.000000	41.5	7.5	12.5	54.0	Н
22801.000000	44.5	10.3	9.5	54.0	Н
24239.000000	42.9	7.6	11.1	54.0	Н

Date: 11/24/2009 - Time: 11:35:49 AM





17014193 001 Page 21 of 44



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

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

Test Information

Manufacturer: Namtai

Test Item: Wireless SingStar Microphone

SLEH-00136(MIC) FCC Part 15 Identification Test Standard:

RE Test Detail:

Operation Mode:

Tx @ Mid channel 25 ℃; DC 3V Climate Condition: 50 %RH; 101 kPa.

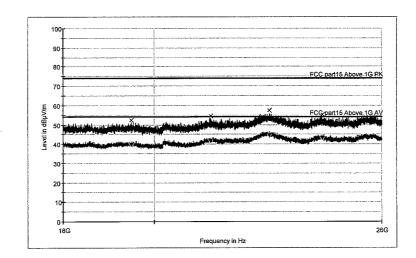
Test Voltage / Freq. : 163055638 200 Receipt No.: Report No. 17014192 001 Result:

Comment: Subrange 1

Frequency Range: 18GHz - 26GHz

TUV FSP 30 TUV SAC 3160-09 / TUV FSP 30-TUV SAC 3160-09 Transducer:

Vertical



Limit and Margin PK

Frequency (MHz)	MaxPeak (dB µ V/m)	Corr. (dB)	Margin (dB)	Limit (dB V/m)	Polarity
19476.000000	52.4	6.4	21.6	74.0	V
21351.000000	54.4	7.5	19.6	74.0	V
22844.000000	57.2	10.1	16.8	74.0	V
24275.000000	55.3	7.6	18.7	74.0	V

Date: 11/24/2009 - Time: 11:44:34 AM





Produkte

Products

17014193 001



Page 22 of 44

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin AV

Date: 11/24/2009 - Time: 11:44:34 AM

Frequency (MHz)	Average (dB µ V/m)	Corr. (dB)	Margin (dB)	Limit (dB µ V/m)	Polarity
19476.000000	39.7	6.4	14.3	54.0	٧
21351.000000	41.6	7.5	12.4	54.0	٧
22844.000000	44.3	10.1	9.7	54.0	٧
24275.000000	42.9	7.6	11.1	54.0	V

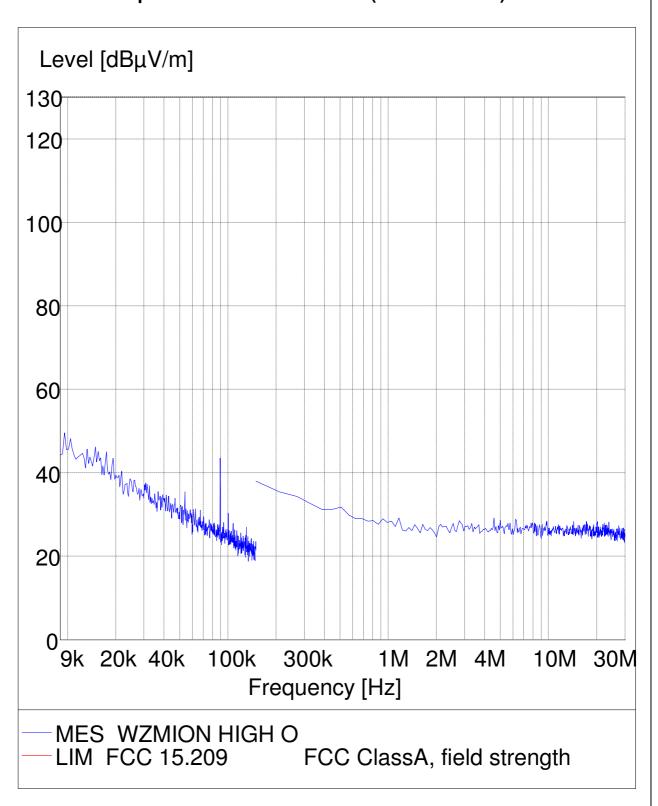
Tested by: WDZ 2009 1126 Checked



Page 23 of 44



Test Plot of Spurious emission of A.3 – (9kHz – 30MHz)





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

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

Test Information

Manufacturer: Namtai

Test Item: Wireless SingStar Microphone

SLEH-00136(MIC) FCC Part 15 Identification Test Standard:

RE Test Detail:

Operation Mode: Tx @ High channel

25 ℃; DC 3V Climate Condition: 50 %RH; 101 kPa.

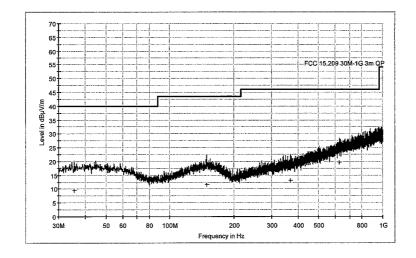
Test Voltage / Freq. : 163055638 200 Receipt No.: Report No. 17014192 001 Result: Pass Comment: Horizontal

Subrange 1

Frequency Range: 30MHz - 1GHz Receiver:

TUV ESCI 3

TUV SAC UVLB 9168 / TUV ESCI3 -TUV SAC UVLB 9168 Transducer:



Limit and Margin QP

Elline and in	aigiii a i				
Frequency (MHz)	QuasiPeak (dB µ V/m)	Corr. (dB)	Margin (dB)	Limit (dB V/m)	Polarity
35.500000	9.7	14.1	30.3	40.0	Н
149.200000	11.7	15.6	31.8	43.5	H
368.400000	13.1	16.6	32.9	46.0	Н
627 150000	19.8	22.2	26.2	46.0	Н

Date: 11/20/2009 - Time: 10:53:07 AM







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

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

Test Information

Manufacturer: Namtai

Test Item: Wireless SingStar Microphone Identification SLEH-00136(MIC)

 Identification
 SLEH-00136(MI)

 Test Standard:
 FCC Part 15

 Test Detail:
 RE

Operation Mode: Tx @ High channel

Climate Condition: 25 °C; 50 %RH; 101 kPa. Test Voltage / Freq. : DC 3V

 Test Voltage / Freq. :
 DC 3V

 Receipt No. :
 163055638 200

 Report No.
 17014192 001

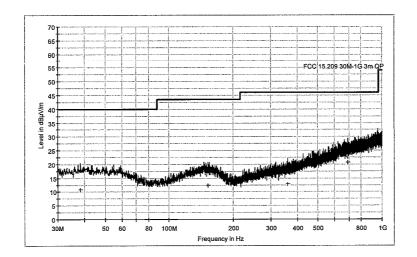
 Result:
 Pass

 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 QP

Frequency (MHz)	QuasiPeak	Corr. (dB)	Margin (dB)	Limit (dB µ V/m)	Polarity
38.300000	(dB p V/m)	(uB)	29.0	40.0	V
152.500000	12.4	15.7	31.1	43.5	V
360.300000	12.9	16.5	33.1	46.0	V
689.600000	20.6	23.0	25.4	46.0	V

Date: 11/20/2009 - Time: 10:55:31 AM





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

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

Test Information

Manufacturer: Namtai

Test Item: Wireless SingStar Microphone

Identification SLEH-00136(MIC) Test Standard: FCC Part 15

RE Test Detail:

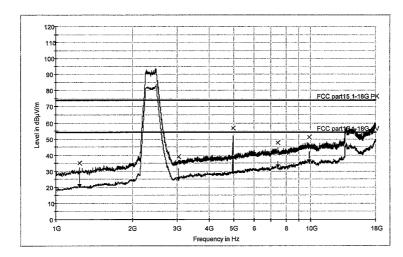
Operation Mode: Tx @ High channel

25 °C; DC 3V Climate Condition: 101 kPa. 50 %RH;

Test Voltage / Freq. : 163055638 200 Receipt No.: Report No. Result: 17014192 001 Pass Comment: Horizontal

Subrange 1 Frequency Range: 1GHz - 18GHz Receiver:

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)
1236.000000	35.1	38.9	74.0	Н	-15.5
3038.000000	39.0	35.0	74.0	Н	-8.9
4954.000000	56.6	17.4	74.0	Н	-5.8
7431.000000	47.5	26.5	74.0	Н	0.9
9908.000000	51.0	23.0	74.0	Н	5.5

Date: 11/20/2009 - Time: 3:01:36 PM





17014193 001

Page 27 of 44



TUV Rheinland (Guangdong) Ltd.

Produkte

Products

EMC Test Service Hotline: +86-20-28391188

Limit and Margin AV

Frequency (MHz)	Average (dB µ V/m)	Margin (dB)	Limit (dB μ V/m)	Polarity	Corr. (dB)
1236.000000	20.7	33.3	54.0	H	-15.5
3038.000000	25.2	28.8	54.0	Н	-8.9
4954.000000	38.2	15.8	54.0	H	-5.8
7431.000000	32.9	21.1	54.0	Н	0.9
9908.000000	36.0	18.0	54.0	Н	5.5

Date: 11/20/2009 - Time: 3:01:36 PM





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

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

101 k₽a.

EMC Test Record (EMISSION)

Test Information

Manufacturer:

Namtai

Test Item: Wireless SingStar Microphone Identification

SLEH-00136(MIC)

Test Standard: FCC Part 15 Test Detail:

RE

Operation Mode: Climate Condition:

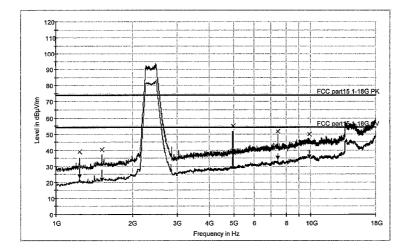
Tx @ High channel 25 ℃; 50 %R 50 %RH;

DC 3V Test Voltage / Freq. : 163055638 200 17014192 001 Receipt No.: Report No. Result: Pass Comment: Vertical

Subrange 1

Frequency Range: 1GHz - 18GHz Receiver:

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)
1238.000000	39.1	34.9	74.0	V	-15.5
1518.500000	40.2	33.8	74.0		-14.6
4954.000000	55.1	18.9	74.0	٧	-5.8
7431.000000	51.5	22.5	74.0	V	0.9
9908.000000	49.9	24.1	74.0	V	5.5

Date: 11/20/2009 - Time: 3:09:30 PM





17014193 001





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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin AV

Frequency (MHz)	Average (dB μ V/m)	Margin (dB)	Limit (dB	Polarity	Corr. (dB)
1238.000000	23.9	30.1	54.0	V	-15.5
1518.500000	21.6	32.4	54.0	V	-14.6
4954.000000	39.5	14.5	54.0	V	-5.8
7431.000000	35.1	18.9	54.0	V	0.9
9908.000000	35.8	18.2	54.0	V	5.5

Tested by: WDZ 2009 1126

Reviewed by: DW 2009 | 1 26 Checked

Date: 11/20/2009 - Time: 3:09:30 PM

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

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

Test Information

Manufacturer: Identification

Namtai Test Item:

Wireless SingStar Microphone

SLEH-00136(MIC)

FCC Part 15

Test Standard: Test Detail:

RE

Operation Mode: Climate Condition: Tx @ High channel 25 °C; 50 %R 50 %RH;

Test Voltage / Freq. :

Receipt No.:

DC 3V 163055638 200 17014192 001

Report No.

Pass

Result: Comment:

Horizontal

Subrange 1

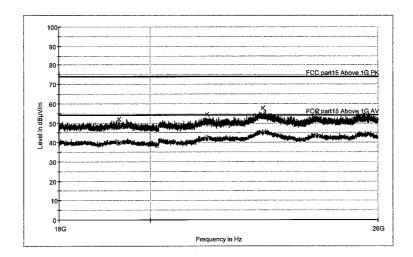
Frequency Range:

18GHz - 26GHz

Receiver: Transducer:

TUV SAC 3160-09 / TUV FSP 30-TUV SAC 3160-09

101 kPa.



Limit and Margin PK

Frequency (MHz)	MaxPeak (dB μ V/m)	Corr. (dB)	Margin (dB)	Limit (dB + V/m)	Polarity
19284.000000	52.1	6.4	21.9	74.0	Н
21355.000000	54.3	7.5	19.7	74.0	Н
22771.000000	57.7	10.4	16.3	74.0	Н
24249.000000	55.6	7.6	18.4	74.0	Н

Date: 11/24/2009 - Time: 11:39:31 AM







17014193 001





TUV Rheinland (Guangdong) Ltd.

Produkte

Products

EMC Test Service Hotline: +86-20-28391188

Limit and Margin AV

Frequency (MHz)	Average (dB µ V/m)	Corr. (dB)	Margin (dB)	Limit (dB μ V/m)	Polarity
19284.000000	39.3	6.4	14.7	54.0	H
21355.000000	41.7	7.5	12.3	54.0	Н
22771.000000	44.5	10.4	9.5	54.0	Н
24249.000000	42.8	7.6	11.2	54.0	Н

Date: 11/24/2009 - Time: 11:39:31 AM





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

EMC Test Record (EMISSION)

Test Information

Manufacturer: Namtai

Wireless SingStar Microphone Test Item:

Identification SLEH-00136(MIC) Test Standard: FCC Part 15

RE Test Detail:

Operation Mode: Tx @ High channel

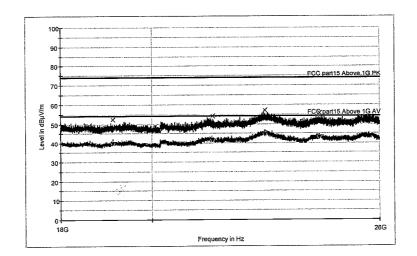
Climate Condition: 50 %RH; 101 kPa.

25 °C; 50 DC 3V 163055638 200 Test Voltage / Freq. : Receipt No.: 17014192 001 Report No. Pass Result: Comment: Vertical

Subrange 1

18GHz - 26GHz Frequency Range: Receiver:

TUV FSP 30 TUV SAC 3160-09 / TUV FSP 30-TUV SAC 3160-09 Transducer:



Limit and Margin PK

Frequency (MHz)	MaxPeak (dB µ V/m)	Corr. (dB)	Margin (dB)	Limit (dB μ V/m)	Polarity		
19126.000000	52.3	6.3	21.7	74.0	V_		
21445.000000	54.1	7.6	19.9	74.0	V		
22779.000000	57.2	10.3	16.8	<u>74.0</u>	V		
24271.000000	55.6	7.6	18.4	74.0	V		

Date: 11/24/2009 - Time: 11:42:13 AM





17014193 001



Produkte Products

Page 33 of 44

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin AV

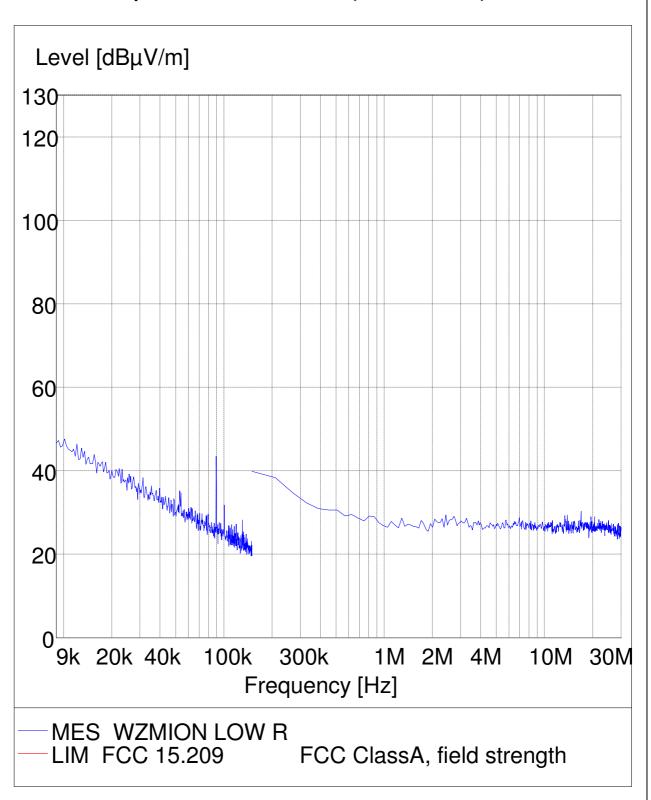
Frequency (MHz)	Average (dB µ V/m)	Corr. (dB)	Margin (dB)	Limit (dB μ V/m)	Polarity		
19126.000000	39.5	6.3	14.5	54.0	V		
21445.000000	41.4	7.6	12.6	54.0	V		
22779.000000	44.4	10.3	9.6	54.0	V		
24271.000000	42.8	7.6	11.2	54.0	V		

Tested by: WDZ 2009 11 2 6

2009 11. 26 Chocked

Date: 11/24/2009 - Time: 11:42:13 AM

Test Plot of Spurious emission of C – (9kHz – 30MHz)





Test Plot of Spurious emission of C - Horizontal (30MHz - 1GHz)

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

Test Information

Manufacturer: Namtai

Test Item: Wireless SingStar Microphone

Identification SLEH-00136(MIC)
Test Standard: FCC Part 15
Test Detail: RE

Operation Mode: Rx @ Low channel

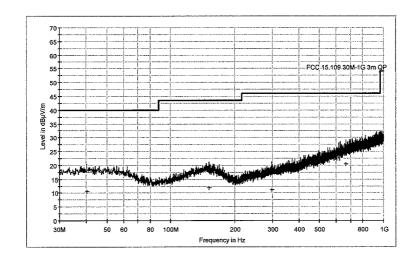
Climate Condition: 25 °C; 50 %RH; 101 kPa. Test Voltage / Freq. : DC 3V

Test Voltage / Freq. : DC 3V
Receipt No.: 163055638 200
Report No. 17014192 001
Result: Pass
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 QP

Entite and margin at								
Frequency (MHz)	QuasiPeak (dB µ V/m)	Corr. (dB)	Margin (dB)	Limit (dB µ V/m)	Polarity			
40.300000	10.7	14.8	29.3	40.0	H			
151.000000	11.9	15.7	31.6	43.5	Н			
297.700000	11.1	14.9	34.9	46.0	Н			
662 900000	20.3	22.8	25.7	46.0	Н			

Date: 11/20/2009 - Time: 11:23:28 AM





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

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

Test Information

Manufacturer: Namtai

Test Item: Wireless SingStar Microphone Identification SLEH-00136(MIC)

 Identification
 SLEH-00136(MIC)

 Test Standard:
 FCC Part 15

 Test Detail:
 RE

Operation Mode: Rx @ Low channel

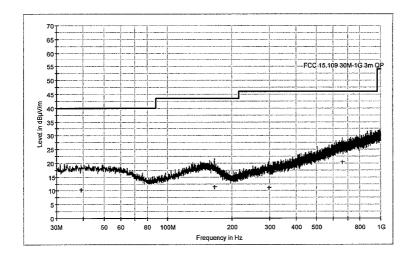
Climate Condition: 25 °C; 50 %RH; 101 kPa. Test Voltage / Freq. : DC 3V

Test Voltage / Freq. : DC 3V
Receipt No.: 163055638 200
Report No. 17014192 001
Result: Pass
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 QP

Frequency (MHz)	QuasiPeak (dB µ V/m)	Corr. (dB)	Margin (dB)	Limit (dB µ V/m)	Polarity
39.100000	10.4	14.7	29.6	40.0	V
164.950000	11.4	15.2	32.1	43.5	V
298.350000	11.2	14.9	34.8	46.0	V
662.100000	20.4	22.8	25.6	46.0	V

Date: 11/20/2009 - Time: 11:04:22 AM





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

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

Test Information

Manufacturer: Namtai

Test Item:

Wireless SingStar Microphone SLEH-00136(MIC) FCC Part 15 Identification Test Standard:

Test Detail:

Operation Mode: Rx @ Low channel

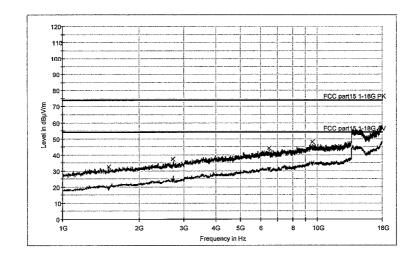
Climate Condition: Test Voltage / Freq. : 25 ℃; DC 3V 50 %RH; 101 kPa.

163055638 200 Receipt No.: Report No. 17014192 001 Result: Pass Comment: Horizontal

Subrange 1

Frequency Range: 1GHz - 18GHz Receiver:

TUV FSP 30 TUV SAC HF906 / TUV FSP 30-TUV SAC HF906 Transducer:



Limit and Margin PK

Frequency (MHz)	MaxPeak (dB μ V/m)	Margin (dB)	Limit (dB = V/m)	Polarity	Corr. (dB)			
1514.000000	32.6	41.4	74.0	H	-15.6			
2719.000000	37.3	36.7	74.0	Н	-11.0			
6491.000000	44.1	29.9	74.0	Н	-2.0			
9591.500000	48.0	26.0	74.0	H	4.4			







17014193 001

Produkte Products

Page 38 of 44



TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin AV

Frequency (MHz)	Average (dB µ V/m)	Margin (dB)	Limit (dB µ V/m)	Polarity	Corr. (dB)
1514.000000	19.2	34.8	54.0	Н	-15.6
2719.000000	23.7	30.3	54.0	н	-11.0
6491.000000	30.6	23.4	54.0	Н	-2.0
9591.500000	34.1	19.9	54.0	Н	4.4

Date: 11/24/2009 - Time: 10:40:04 AM



Reviewed by: Ohecked



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

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

Test Information

Manufacturer: Namtai

Test Item: Wireless SingStar Microphone

Identification SLEH-00136(MIC) Test Standard: FCC Part 15

Test Detail: RE

Rx @ Low channel 25 °C; 50 %F DC 3V Operation Mode:

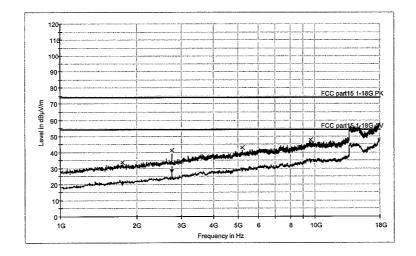
Climate Condition: 50 %RH; 101 kPa.

Test Voltage / Freq. : 163055638 200 Receipt No.: 17014192 001 Report No. Result: Pass Comment: Vertical

Subrange 1

1GHz - 18GHz Frequency Range: TUV FSP 30 Receiver:

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	Polarity	Corr. (dB)
1758.500000	33.9	40.1	74.0	V	-13.7
2743.000000	41.2	32.8	74.0	V	-10.8
5201.000000	42.9	31.1	74.0	V	-5.0
9634.000000	47.7	26.3	74.0	V	4.3

Date: 11/24/2009 - Time: 10:35:16 AM







Produkte

Products

17014193 001



Page 40 of 44

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin AV

Frequency (MHz)	Average (dB μ V/m)	Margin (dB)	Limit (dB µ V/m)	Polarity	Corr. (dB)
1758.500000	20.5	33.5	54.0	V	-13.7
2743.000000	28.1	25.9	54.0	V	-10.8
5201.000000	29.2	24.8	54.0	V	-5.0
9634.000000	34.2	19.8	54.0	V	4.3

Date: 11/24/2009 - Time: 10:35:16 AM



Reviewed by: DW 2009 11.26

Test Plot of Spurious emission of C - Horizontal (18GHz -26GHz)

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

Test Information

Manufacturer:

Test Standard:

Namtai

Test Item: Identification

Wireless SingStar Microphone SLEH-00136(MIC)

FCC Part 15

Test Detail: RE

Rx @ Low channel

Operation Mode: Climate Condition:

50 %RH;

Test Voltage / Freq. :

25 ℃; DC 3V

Receipt No.:

163055638 200

Report No.

17014192 001

Result: Comment: Pass Horizontal

Subrange 1

Frequency Range:

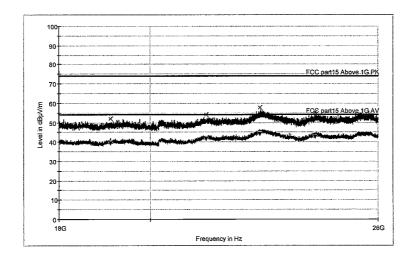
18GHz - 26GHz TUV FSP 30

Receiver:

Transducer:

TUV SAC 3160-09 / TUV FSP 30-TUV SAC 3160-09

101 kPa.



Limit and Margin PK

Limit and margin i iv					
Frequency (MHz)	MaxPeak (dB µ V/m)	Corr. (dB)	Margin (dB)	Limit (dB µ V/m)	Polarity
19110.000000	51.9	6.3	22.1	74.0	Н,
21325.000000	54.0	7.5	20.0	74.0	H
22696.000000	57.7	10.5	16.3	74.0	Н
24179.000000	55.2	7.6	18.8	74.0	H

Date: 11/24/2009 - Time: 12:04:14 PM





Produkte

Products

17014193 001



Page 42 of 44

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin AV

Date: 11/24/2009 - Time: 12:04:14 PM

Frequency (MHz)	Average (dB μ V/m)	Corr. (dB)	Margin (dB)	Limit (dB μ V/m)	Polarity
19110.000000	39.4	6.3	14.6	54.0	Н
21325.000000	41.6	7.5	12.4	54.0	Н
22696.000000	44.2	10.5	9.8	54.0	Н
24179.000000	42.6	7.6	11.4	54.0	Н



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

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

101 kPa.

EMC Test Record (EMISSION)

Test Information

Manufacturer: Namtai

Test Item: Wireless SingStar Microphone

Identification SLEH-00136(MIC) FCC Part 15 RE Test Standard: Test Detail:

Operation Mode: Rx @ Low channel

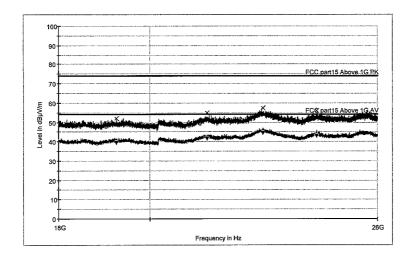
25 °C; DC 3V Climate Condition: 50 %RH;

Test Voltage / Freq. : 163055638 200 Receipt No.: Report No. 17014192 001 Result: Pass Comment: Vertical

Subrange 1

Frequency Range: 18GHz - 26GHz

TUV FSP 30 TUV SAC 3160-09 / TUV FSP 30-TUV SAC 3160-09 Transducer:



Limit and Margin PK

Frequency (MHz)	MaxPeak (dB μ V/m)	Corr. (dB)	Margin (dB)	Limit (dB μ V/m)	Polarity	
19238.000000	52.0	6.4	22.0	74.0	V	
21372.000000	54.8	7.6	19.2	74.0	V	
22783.000000	57.4	10.3	16.6	74.0	V	
24234.000000	55.8	7.6	18.2	74.0	V	

Date: 11/24/2009 - Time: 11:51:06 AM







Produkte

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17014193 001 Page 44 of 44



TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin AV

						
Frequency (MHz)	Average (dB μ V/m)	Corr. (dB)	Margin (dB)	Limit (dB ¤ V/m)	Polarity	
19238.000000	39.4	6.4	14.6	54.0	V	
21372.000000	41.6	7.6	12.4	54.0	V	
22783.000000	44.4	10.3	9.6	54.0	V	
24234.000000	42.8	7.6	11.2	54.0	V	

Tested by: WDZ 2009 112 f



Date: 11/24/2009 - Time: 11:51:06 AM