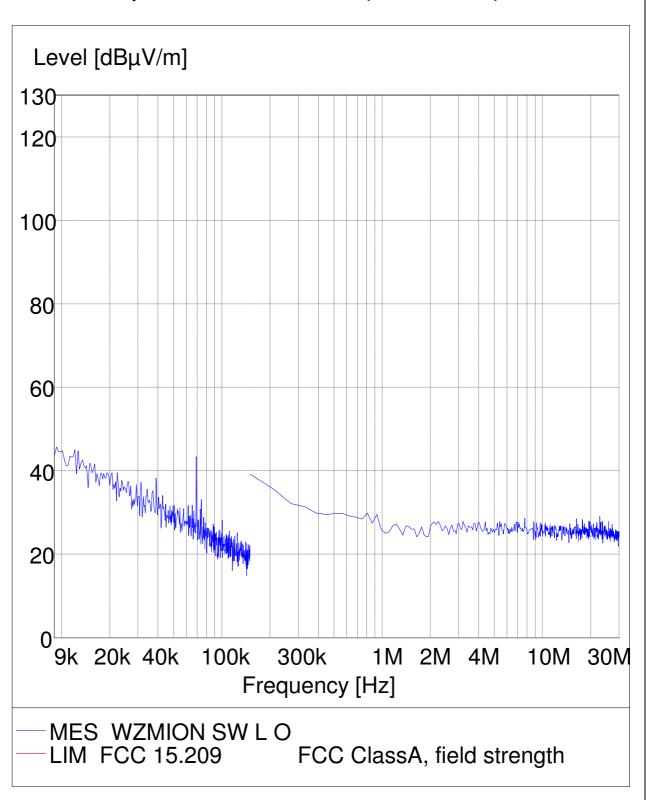
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Test Plot of Spurious emission of A.1 – (9kHz – 30MHz)



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

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

101 kPa.

Test Information

Manufacturer: Namtai

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

FCC Part 15 Test Standard:

Test Detail: RE

Operation Mode: Tx @ Low channel 50 %RH;

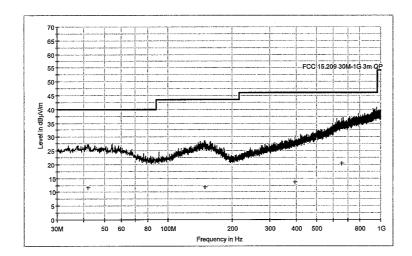
25 ℃; DC 5V Climate Condition: Test Voltage / Freq. :

Receipt No.: 163055640 200 Report No. 17014194 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

	3				
Frequency (MHz)	QuasiPeak (dB µ V/m)	Corr. (dB)	Margin (dB)	Limit (dB µ V/m)	Polarity
41.700000	11.6	14.7	28.4	40.0	Н
148.400000	11.9	15.6	31.6	43.5	Н
393.650000	13.7	17.2	32.3	46.0	H
654.200000	20.4	22.6	25.6	46.0	Н

Date: 11/20/2009 - Time: 10:04:21 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: Wireless SingStar Microphone SLEH-00136(Receiver) FCC Part 15 Identification

Test Standard:

RE Test Detail:

Operation Mode: Tx @ Low channel

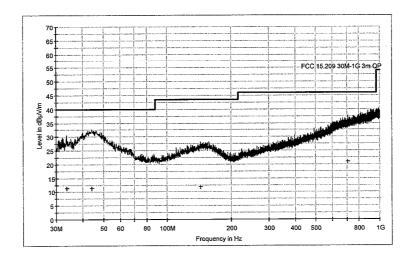
Climate Condition: 50 %RH; 101 kPa.

25 ℃; DC 5V Test Voltage / Freq. : Receipt No.: Report No. 163055640 200 17014194 001 Result: Comment: Vertical

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

Frequency (MHz)	QuasiPeak (dB µ V/m)	Corr. (dB)	Margin (dB)	Limit (dB V/m)	Polarity				
33.500000	11.3	14.0	28.7	40.0	V				
44.000000	11.4	14.5	28.6	40.0	V				
142.900000	12.0	15.2	31.5	43.5	V				
703.800000	20.9	23.2	25.1	46.0	V				

Date: 11/20/2009 - Time: 10:12:05 AM







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

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

101 kPa.

EMC Test Record (EMISSION)

Test Information

Manufacturer: Identification

Test Standard: Test Detail:

Namtai Test Item:

Wireless SingStar Microphone SLEH-00136(Receiver)

FCC Part 15

Tx @ Low channel

Operation Mode:

Climate Condition: 25 ℃; DC 5V 50 %RH;

Test Voltage / Freq. : Receipt No.: 163055640 200 Report No. 17014194 001 Result: Pass Horizontal Comment:

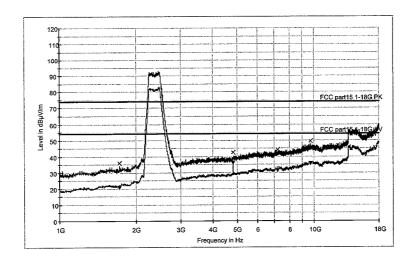
Subrange 1

Frequency Range:

1GHz - 18GHz TUV FSP 30

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)
1720.500000	36.1	37.9	74.0	H	-13.2
4810.000000	42.5	31.5	74.0	H	-5.5
7215.000000	44.4	29.6	74.0	H	-0.1
9708.000000	49.3	24.7	74.0	H	5.3

Date: 11/24/2009 - Time: 9:36:01 AM





17014195 001

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Produkte Products

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)
1720.500000	21.0	33.0	54.0	Н	-13.2
4810.000000	35.8	18.2	54.0	Н	-5.5
7215.000000	31.3	22.7	54.0	Н	-0.1
9708.000000	35.4	18.6	54.0	Н	5.3

Tested by: Ch

Reviewed by: _

Date: 11/24/2009 - Time: 9:36:01 AM



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:

Wireless SingStar Microphone Test Item:

Identification SLEH-00136(Receiver)

Test Standard: FCC Part 15

Test Detail: Operation Mode: RΕ

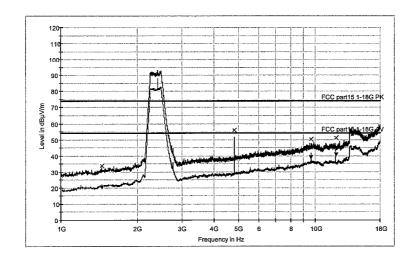
Tx @ Low channel 25 °C; 50 %F DC 5V 50 %RH; Climate Condition: 101 kPa.

Test Voltage / Freq. : 163055640 200 Receipt No.: 17014194 001 Report No. Result: Pass Comment: Vertical

Subrange 1

Frequency Range: Receiver: 1GHz - 18GHz 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)
1448.500000	33.6	40.4	74.0	V	-14.6
4810.000000	55.7	18.3	74.0	V	-5.5
9617.000000	50.2	23.8	74.0	V	4.8
12071.000000	51.0	23.0	74.0	ν	4.9

Date: 11/24/2009 - Time: 3:22:52 PM







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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)
	1448.500000	20.4	33.6	54.0	V	-14.6
-[4810.000000	37.4	16.6	54.0	V	-5.5
[9617.000000	39.1	14.9	54.0	V	4.8
- 1	12071.000000	40.6	13.4	54.0	V	4.9

Date: 11/24/2009 - Time: 3:22:52 PM Tested by





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

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

Test Standard: FCC Part 15

Test Detail: RE

Operation Mode: Tx @ Low channel

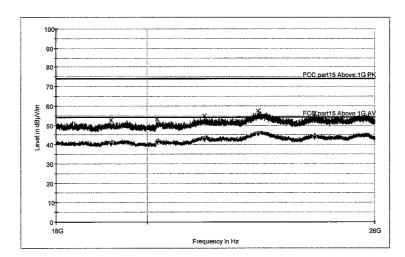
25 ℃; DC 5V Climate Condition: 50 %RH; 101 kPa.

Test Voltage / Freq. : Receipt No.: 163055640 200 Report No. 17014194 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

Lilling and ivi									
Frequency (MHz)	MaxPeak (dB µ V/m)	Corr. (dB)	Margin (dB)	Limit (dB µ V/m)	Polarity				
19181.000000	52.8	6.4	21.2	74.0	Н				
20224.000000	53.1	6.1	20.9	74.0	Н				
21372.000000	54.9	7.6	19.1	74.0	Н				
22731.000000	57.6	10.5	16.4	74.0	Н				
24255.000000	56.1	7.6	17.9	74.0	Н				

Date: 11/24/2009 - Time: 12:37:51 PM







17014195 001





Produkte Products

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
19181.000000	40.1	6.4	13.9	54.0	Н
20224.000000	40.9	6.1	13.1	54.0	Н
21372.000000	42.3	7.6	11.7	54.0	H
22731.000000	45.0	10.5	9.0	54.0	Н
24255.000000	43.4	7.6	10.6	54.0	H

Date: 11/24/2009 - Time: 12:37:51 PM



Reviewed by: _____

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:

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

Test Standard: FCC Part 15 Test Detail: RE

Operation Mode: Tx @ Low channel

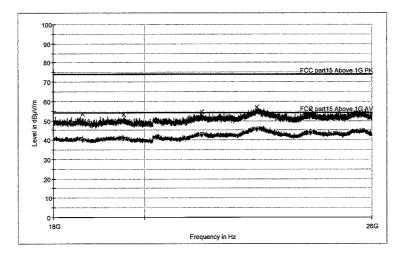
25 ℃; Climate Condition: 101 kPa. 50 %RH;

Namtai

DC 5V Test Voltage / Freq. : 163055640 200 Receipt No.: 17014194 001 Report No. Result: Pass Comment: Vertical

Subrange 1 Frequency Range: 18GHz - 26GHz Receiver:

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 ¤ V/m)	Polarity
18616.000000	53.4	5.7	20.6	74.0	٧
19522.000000	53.1	6.4	20.9	74.0	V
21358.000000	54.7	7.5	19.3	74.0	V
22768.000000	57.2	10.4	16.8	74.0	V
24214.000000	55.6	7.6	18.4	74.0	V

Date: 11/24/2009 - Time: 12:38:36 PM







17014195 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
18616.000000	39.8	5.7	14.2	54.0	V
19522.000000	40.3	6.4	13.7	54.0	V
21358.000000	42.3	7.5	11.7	54.0	V
22768.000000	45.0	10.4	9.0	54.0	V
24214.000000	43.2	7.6	10.8	54.0	V

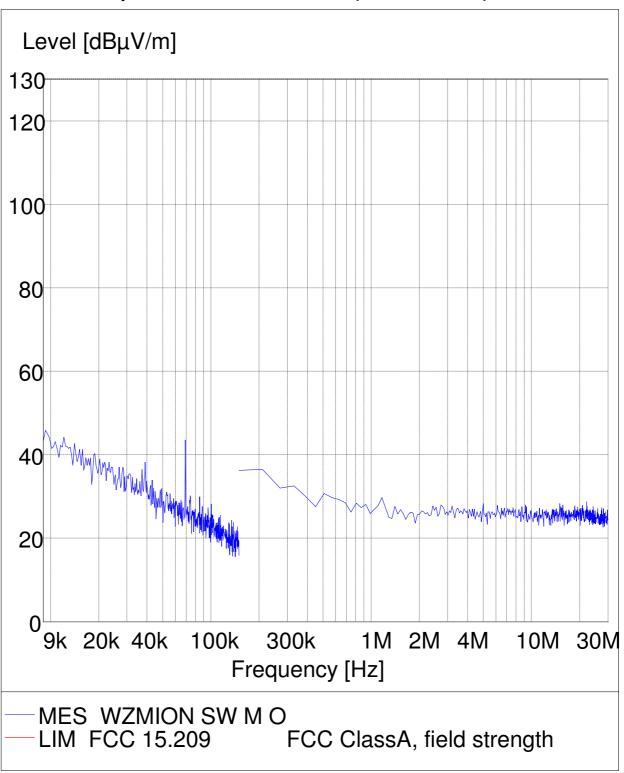
Tested by: WD2 m9 1126

Reviewed by:

Date: 11/24/2009 - Time: 12:38:36 PM



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





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: Wireless SingStar Microphone Identification SLEH-00136(Receiver)

Test Standard: FCC Part 15

Test Detail: RE

Operation Mode: Tx @ Mid channel

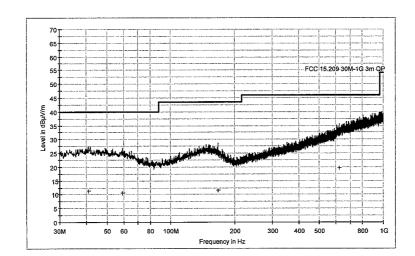
Climate Condition: 25 °C; 50 %RH; 101 kPa.
Test Voltage / Freq. : DC 5V

Test Voltage / Freq. : DC 5V
Receipt No.: 163055640 200
Report No. 17014194 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

Frequency (MHz)	QuasiPeak (dB µ V/m)	Corr. (dB)	Margin (dB)	Limit (dB µ V/m)	Polarity
40.800000	11.3	14.7	28.7	40.0	
59.100000	10.5	13.8	29.5	40.0	Н
166.600000	11.6	15.1	31.9	43.5	Н
620.000000	19.6	22.1	26.4	46.0	Н

Date: 11/20/2009 - Time: 10:06:55 AM





17014195 001



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

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(Receiver) Identification

FCC Part 15 Test Standard:

Test Detail: RE

Operation Mode: Tx @ Mid channel

25 ℃; DC 5V Climate Condition: 50 %RH;

Test Voltage / Freq. : Receipt No.: 163055640 200 Report No. 17014194 001 Pass

Comment:

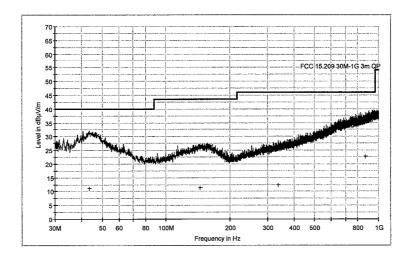
Subrange 1 Frequency Range:

30MHz - 1GHz

Vertical

Receiver:

TUV ESCI 3 TUV SAC UVLB 9168 / TUV ESCI3 -TUV SAC UVLB 9168 Transducer:



Limit and Margin QP

Frequency (MHz)	QuasiPeak (dB µ V/m)	Corr. (dB)	Margin (dB)	Limit (dB μ V/m)	Polarity
43.500000	11.2	14.6	28.8	40.0	V
144.800000	11.3	15.3	32.2	43.5	V
336.300000	12.4	16.0	33.6	46.0	٧
867.400000	22.6	25.2	23.4	46.0	٧

Date: 11/20/2009 - Time: 10:14:26 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)

101 kPa.

Test Information

Manufacturer: Namtai

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

Test Standard: FCC Part 15

Test Detail: RE Operation Mode:

Tx @ Mid channel 25 °C; DC 5V 50 %RH; Climate Condition:

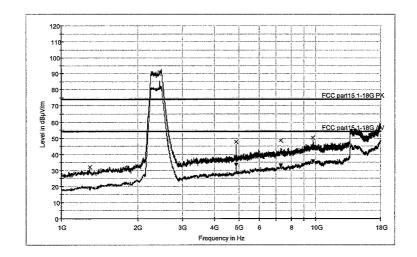
Test Voltage / Freq. :

Receipt No.: 163055640 200 Report No. 17014194 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)
1293.000000	32.1	41.9	74.0	Н	-15.2
4882.000000	47.8	26.2	74.0	Н	-5.6
7323.000000	48.6	25.4	74.0	H	0.4
9764.000000	50.1	23.9	74.0	Н	5.0

Date: 11/24/2009 - Time: 3:35:03 PM







Produkte

Products

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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 μ V/m)	Polarity	Corr. (dB)
1293.000000	18.7	35.3	54.0	Н	-15.2
4882.000000	33.5	20.5	54.0	Н	-5.6
7323.000000	32.8	21.2	54.0	Н	0.4
9764.000000	35.5	18.5	54.0	Н	5.0

Date: 11/24/2009 - Time: 3:35:03 PM







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

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

101 kPa.

Test Information

Manufacturer: Namtai

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

FCC Part 15

Test Standard: Test Detail:

Operation Mode: Tx @ Mid channel

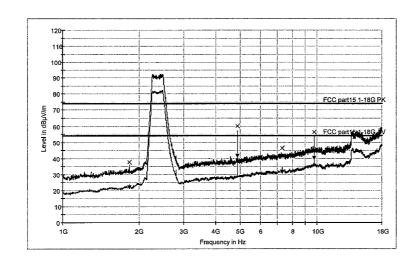
50 %RH;

Climate Condition: Test Voltage / Freq. : 25 ℃; DC 5V 163055640 200 Receipt No .: Report No. 17014194 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

l	Frequency (MHz)	MaxPeak (dB ⊭ V/m)	Margin (dB)	Limit (dB μ V/m)	Polarity	Corr. (dB)
	1831.000000	37.5	36.5	74.0	V	-13.0
ſ	4882.000000	60.3	13.7	74.0	V	-5.6
ľ	7323.000000	46.2	27.8	74.0	V	0.4
ĺ	9764.000000	56.2	17.8	74.0	V	5.0

Date: 11/24/2009 - Time: 3:31:05 PM







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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)
	1831.000000	22.0	32.0	54.0	V	-13.0
	4882.000000	41.6	12.4	54.0	V	-5.6
	7323.000000	31.7	22.3	54.0	V	0.4
ı	9764.000000	40.5	13.5	54.0	V	5.0

Date: 11/24/2009 - Time: 3:31:05 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

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

Test Standard: FCC Part 15 Test Detail: RE

Tx @ Mid channel 25 °C; 50 %I DC 5V Operation Mode: Climate Condition:

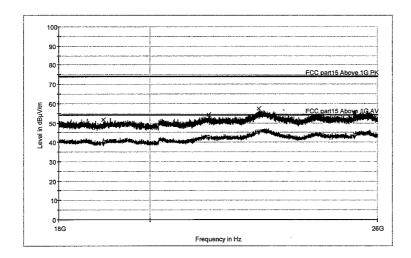
50 %RH; 101 kPa. Test Voltage / Freq. :

163055640 200 17014194 001 Receipt No.: Report No. Pass Result: Comment: Horizontal

Subrange 1

18GHz - 26GHz Frequency Range: Receiver:

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
18944.000000	51.5	6.1	22.5	74.0	Н
21407.000000	54.2	7.6	19.8	74.0	Н
22680.000000	57.5	10.5	16.5	74.0	H
25322.000000	55.4	8.8	18.6	74.0	Н

Date: 11/24/2009 - Time: 12:39:56 PM







17014195 001





TUV Rheinland (Guangdong) Ltd.

Produkte

Products

EMC Test Service Hotline: +86-20-28391188

Limit and Margin AV

	3				
Frequency (MHz)	Average (dB μ V/m)	Corr. (dB)	Margin (dB)	Limit (dB V/m)	Polarity
18944.000000	39.0	6.1	15.0	54.0	Н
21407.000000	42.0	7.6	12.0	54.0	Н
22680.000000	44.6	10.5	9.4	54.0	Н
25322.000000	42.8	8.8	11.2	54.0	Н

Date: 11/24/2009 - Time: 12:39:56 PM





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)

101 kPa.

Test Information

Manufacturer: Namtai

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

FCC Part 15 Test Standard:

RE Test Detail:

Operation Mode: Tx @ Mid channel Climate Condition: 50 %RH;

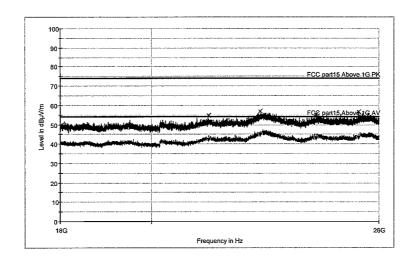
25 ℃; DC 5V Test Voltage / Freq. : 163055640 200 Receipt No.:

Report No. 17014194 001 Result: Pass Comment: Vertical

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

Emilie and in	w. g				
Frequency (MHz)	MaxPeak (dB μ V/m)	Corr. (dB)	Margin (dB)	Limit (dB µ V/m)	Polarity
21359.000000	54.7	7.5	19.3	74.0	V
22681.000000	56.9	10.5	17.1	74.0	V
24179.000000	55.3	7.6	18.7	74.0	V
25392.000000	56.6	8.9	17.4	74.0	V

Date: 11/24/2009 - Time: 12:41:08 PM





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Produkte Products

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

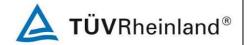
Limit and Margin AV

Frequency (MHz)	Average (dB μ V/m)	Corr. (dB)	Margin (dB)	Limit (dB µ V/m)	Polarity
21359.000000	42.1	7.5	11.9	54.0	V
22681.000000	44.7	10.5	9.3	54.0	V
24179.000000	43.1	7.6	10.9	54.0	V
25392.000000	43.4	8.9	10.6	54.0	V

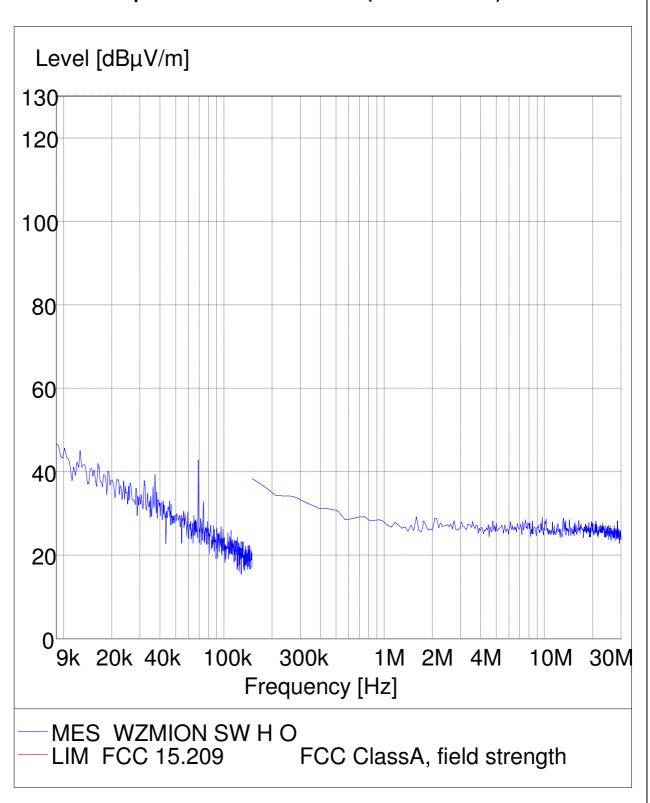
Tested by: WDZ
2009 1126

Reviewed by:

Date: 11/24/2009 - Time: 12:41:08 PM



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

101 kPa.

EMC Test Record (EMISSION)

Test Information

Manufacturer: Namtai

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

Test Standard: Test Detail: FCC Part 15 RE

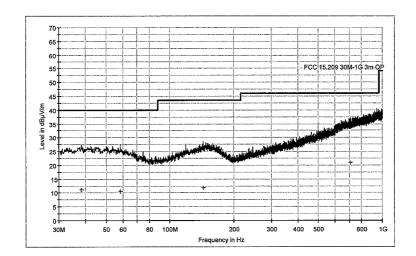
Operation Mode: Tx @ High channel Climate Condition: 50 %RH;

25 ℃; DC 5V Test Voltage / Freq. : 163055640 200 Receipt No .: Report No. 17014194 001 Result: Pass Comment: Horizontal

Subrange 1

Frequency Range: 30MHz - 1GHz TUV ESCI 3

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



Limit and Margin QP

Frequency (MHz)	QuasiPeak (dB μ V/m)	Corr. (dB)	Margin (dB)	Limit (dB V/m)	Polarity
38.300000	11.1	14.6	28.9	40.0	Н
58.400000	10.6	13.8	29.4	40.0	H
143.400000	11.8	15.2	31.7	43.5	H
707.700000	20.9	23.3	25.1	46.0	<u>H</u>

Date: 11/20/2009 - Time: 10:09:27 AM





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

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(Receiver) FCC Part 15 Identification

Test Standard: RE Test Detail:

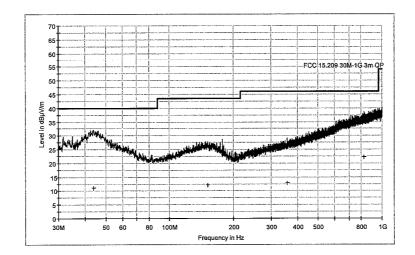
Operation Mode: Tx @ High channel

Climate Condition: 50 %RH;

25 ℃; DC 5V Test Voltage / Freq. : Receipt No.: Report No. 163055640 200 17014194 001 Result: Comment: Vertical

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

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

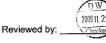


Limit and Margin QP

Frequency (MHz)	QuasiPeak (dB µ V/m)	Corr. (dB)	Margin (dB)	Limit (dB μ V/m)	Polarity
43.700000	11.2	14.6	28.8	40.0	V
151.500000	12.2	15.7	31.3	43.5	V
358.100000	13.0	16.4	33.0	46.0	V
821.700000	22.3	24.7	23.7	46.0	V

Date: 11/20/2009 - Time: 10:17:01 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

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

RE Test Detail:

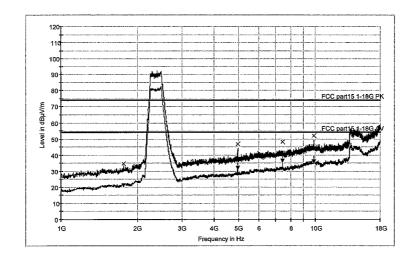
Tx @ High channel 25 ℃; 50 %R DC 5V Operation Mode:

Climate Condition: 50 %RH; 101 kPa.

Test Voltage / Freq. : 163055640 200 17014194 001 Receipt No.: Report No. Result: 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)
-	1765.000000	34.8	39.2	74.0	Н	-12.8
	4954.000000	46.7	27.3	74.0	Н	-5.8
	7431.000000	47.9	26.1	74.0	Н	0.9
ì	9908.000000	52.0	22.0	74.0	Н	5.5

Date: 11/24/2009 - Time: 3:40:26 PM







17014195 001

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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 V/m)	Polarity	Corr. (dB)		
1765.000000	21.4	32.6	54.0	Н	-12.8		
4954.000000	32.0	22.0	54.0	Н	-5.8		
7431.000000	36.5	17.5	54.0	Н	0.9		
9908.000000	35.8	18.2	54.0	i H	5.5		

WDZ 1009 11 2 6 Tested by: Checked

Reviewed by: _



Date: 11/24/2009 - Time: 3:40:26 PM

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

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

101 kPa.

Test Information

Manufacturer: Namtai

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

Test Standard: FCC Part 15

RE Test Detail:

Operation Mode: Climate Condition: 50 %RH;

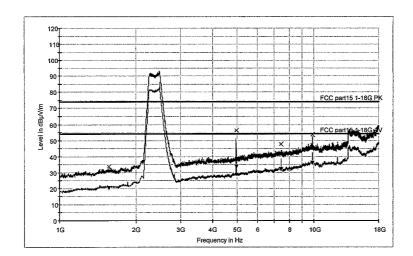
Test Voltage / Freq. :

Tx @ High channel 25 °C; 50 %R DC 5V 163055640 200 Receipt No.: Report No. 17014194 001 Result: Pass Comment: Vertical

Subrange 1

1GHz - 18GHz Frequency Range: Receiver:

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

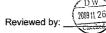


Limit and Margin PK

Frequency (MHz)	MaxPeak (dB μ V/m)	Margin (dB)	Limit (dB μ V/m)	Polarity	Corr. (dB)
1563.000000	33.9	40.1	74.0	V	-14.1
4954.000000	56.5	17.5	74.0	V	-5.8
7431.000000	47.6	26.4	74.0	V	0.9
9908.000000	53.6	20.4	74.0	V	5.5

Date: 11/24/2009 - Time: 3:46:22 PM





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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 ¤ V/m)	Polarity	Corr. (dB)
	1563.000000	20.5	33.5	54.0	V	-14.1
	4954.000000	33.9	20.1	54.0	V	-5.8
Γ	7431.000000	32.1	21.9	54.0	V	0.9
Г	9908.000000	36.0	18.0	54.0	V	5.5



Reviewed by: D W 2009 11. 26 Checked

Date: 11/24/2009 - Time: 3:46:22 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:

Namtai

Test Item: Identification Wireless SingStar Microphone

Test Standard:

SLEH-00136(Receiver) FCC Part 15

Test Detail:

RE

Operation Mode: Climate Condition: Tx @ High channel 25 ℃; 50 %R DC 5V 50 %RH;

Test Voltage / Freq. :

Receipt No.: Report No.

163055640 200 17014194 001

Result:

Pass Horizontal

Comment:

Subrange 1 Frequency Range:

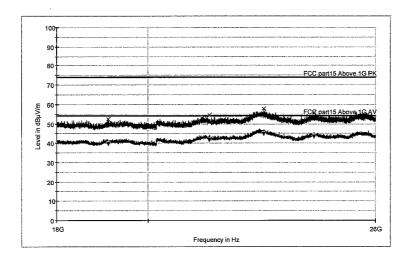
18GHz - 26GHz

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 μ V/m)	Polarity
19100.000000	52.2	6.3	21.8	74.0	Н
21466.000000	54.5	7.5	19.5	74.0	Н
22851.000000	57.7	10.1	16.3	74.0	Н
24229.000000	55.7	7.6	18.3	74.0	Н

Date: 11/24/2009 - Time: 12:33:21 PM





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TUV Rheinland (Guangdong) Ltd.

Produkte

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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
19100.000000	39.6	6.3	14.4	54.0	Н
21466.000000	41.7	7.5	12.3	54.0	Н
22851.000000	44.8	10.1	9.2	54.0	Н
24229.000000	43.3	7.6	10.7	54.0	H

WDZ 7809 1126 Tested by: (200911 26)

Reviewed by:

Date: 11/24/2009 - Time: 12:33:21 PM



Test Plot of Spurious emission of A.3 – 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 Identification SLEH-00136(Receiver)

FCC Part 15 Test Standard:

RE Test Detail:

Operation Mode: Tx @ High channel

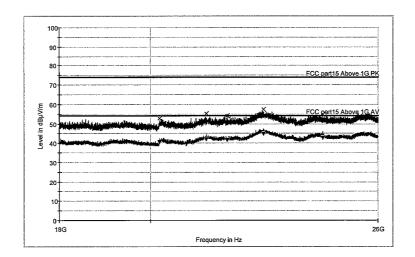
25 ℃; DC 5V Climate Condition: 50 %RH; 101 kPa.

Test Voltage / Freq. : 163055640 200 Receipt No .: 17014194 001 Report No. Result: Pass Comment: Vertical

Subrange 1

Frequency Range: 18GHz - 26GHz

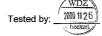
TUV FSP 30 TUV SAC 3160-09 / TUV FSP 30-TUV SAC 3160-09 Transducer:



Limit and Margin PK

Frequency (MHz)	MaxPeak (dB V/m)	Corr. (dB)	Margin (dB)	Limit (dB µ V/m)	Polarity
20215.000000	52.6	6.1	21.4	74.0	V
21338.000000	55.4	7.5	18.6	74.0	V
21852.000000	54.3	7.9	19.7	74.0	V
22785.000000	57.3	10.3	16.7	74.0	V
24396.000000	55.0	7.7	19.0	74.0	¥

Date: 11/24/2009 - Time: 12:36:39 PM



Reviewed by:

200911.26

Checked

Produkte

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin AV

	g				
Frequency (MHz)	Average (dB μ V/m)	Corr. (dB)	Margin (dB)	Limit (dB µ V/m)	Polarity
20215.000000	40.4	6.1	13.6	54.0	V
21338.000000	41.9	7.5	12.1	54.0	V
21852.000000	41.6	7.9	12.4	54.0	V
22785.000000	44.9	10.3	9.1	54.0	V
24396.000000	42.5	7.7	11.5	54.0	V

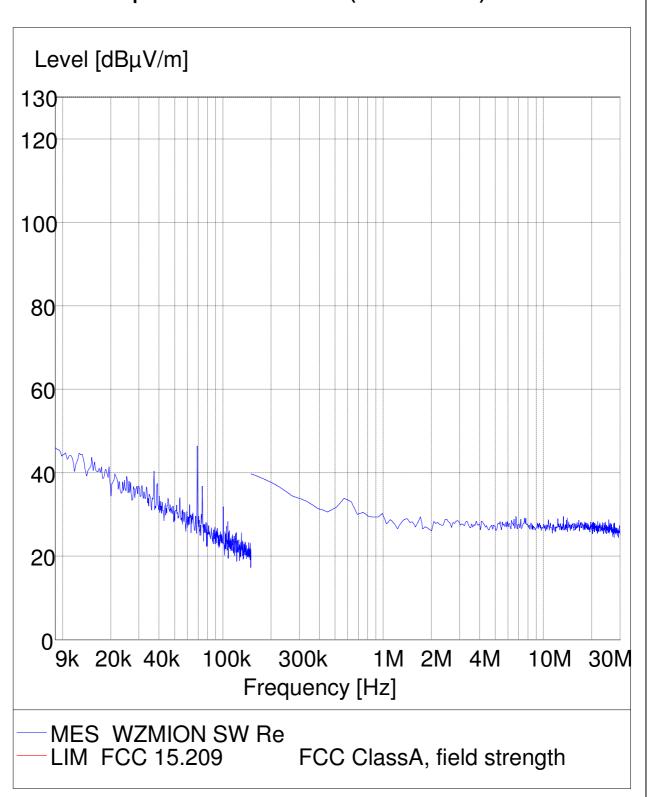
Tested by: WDZ 2009 1126

Reviewed by:

Date: 11/24/2009 - Time: 12:36:39 PM



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

101 kPa.

EMC Test Record (EMISSION)

Test Information

Manufacturer: Namtai

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

FCC Part 15 Test Standard: Test Detail: RE

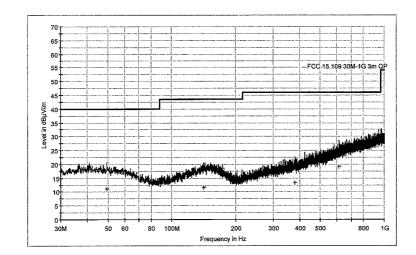
Operation Mode: Rx @ Low channel Climate Condition: 50 %RH;

25 ℃; DC 5V Test Voltage / Freq. : 163055640 200 Receipt No.: Report No. 17014194 001 Result: Pass Comment: Horizontal

Subrange 1

Frequency Range: 30MHz - 1GHz TUV ESCI 3

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



Limit and Margin QP

Frequency (MHz)	QuasiPeak (dB µ V/m)	Corr. (dB)	Margin (dB)	Limit (dB µ V/m)	Polarity
49.400000	11.1	14.3	28.9	40.0	Н
141.600000	11.6	15.1	31.9	43.5	Н
380.700000	13.3	16.9	32.7	46.0	H
610 000000	19.3	21.8	26.7	46.0	H

Date: 11/20/2009 - Time: 10:36:15 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(Receiver) FCC Part 15

Test Standard: Test Detail:

RE

Operation Mode:

Rx @ Low channel

Climate Condition:

50 %RH;

Test Voltage / Freq. :

25 °C; DC 5V 163055640 200

Receipt No .:

Report No.

17014194 001

Pass

Comment:

Vertical

Subrange 1

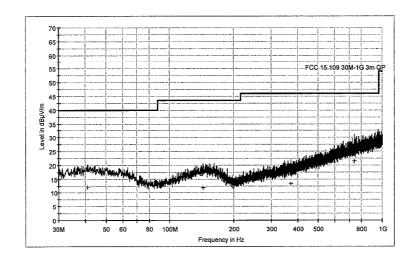
Frequency Range:

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
41.000000	12.1	14.7	27.9	40.0	V
143.300000	11.9	15.2	31.6	43.5	V
372.200000	13.3	16.7	32.7	46.0	V
739.800000	21.5	23.9	24.5	46.0	V

Date: 11/20/2009 - Time: 10:21:45 AM





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

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

101 kPa.

EMC Test Record (EMISSION)

Test Information

Test Standard:

Manufacturer: Namtai

Test Item: Wireless SingStar Microphone Identification

SLEH-00136(Receiver) FCC Part 15

Test Detail: RE

Operation Mode: Rx @ Low channel

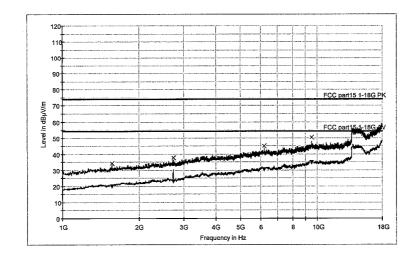
25 ℃; DC 5V Climate Condition: 50 %RH;

Test Voltage / Freq. : 163055640 200 Receipt No.: Report No. 17014194 001 Result: 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 µ V/m)	Polarity	Corr. (dB)
1561.000000	34.2	39.8	74.0	Н	-15.0
2721.000000	37.5	36.5	74.0	Н	-11.0
6195.500000	45.2	28.8	74.0	Н	-3.0
9536,000000	50.4	23.6	74.0	Н	4.7

Date: 11/24/2009 - Time: 10:03:56 AM





Produkte

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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 μ V/m)	Polarity	Corr. (dB)
1561.000000	19.9	34.1	54.0	Н	-15.0
2721.000000	23.0	31.0	54.0	Н	-11.0
6195.500000	30.5	23.5	54.0	Н	-3.0
9536.000000	34.6	19.4	54.0	Н	4.7

Tested by: WDZ
109 1126

Reviewed by:

Date: 11/24/2009 - Time: 10:03:56 AM

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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:

Identification

Wireless SingStar Microphone SLEH-00136(Receiver)

Test Standard:

FCC Part 15

Test Detail:

RΕ

Operation Mode:

Climate Condition:

50 %RH;

Test Voltage / Freq. :

Rx @ Low channel 25 ℃; 50 %R DC 5V

Receipt No.: Report No.

163055640 200 17014194 001

Result: Comment:

Pass Vertical

Subrange 1

Frequency Range:

1GHz - 18GHz

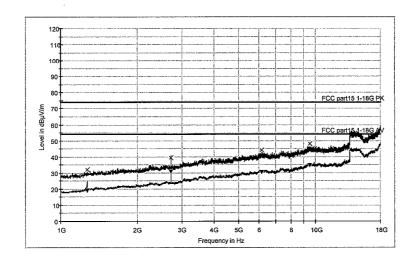
Receiver:

TUV FSP 30

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)
1267.500000	32.2	41.8	74.0	٧	-16.0
2710.500000	39.2	34.8	74.0	V	-11.0
6163.500000	44.1	29.9	74.0	V	-3.1
9544.500000	48.1	25.9	74.0	V	4.8

Date: 11/24/2009 - Time: 10:08:06 AM







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TUV Rheinland (Guangdong) Ltd.

Produkte

Products

EMC Test Service Hotline: +86-20-28391188

Limit and Margin AV

	y								
	Frequency (MHz)	Average (dB µ V/m)	Margin (dB)	Limit (dB V/m)	Polarity	Corr. (dB)			
	1267.500000	18.9	35.1	54.0	V	-16.0			
	2710.500000	30.8	23.2	54.0	V	-11.0			
ſ	6163.500000	30.4	23.6	54.0	V	-3.1			
ſ	9544.500000	34.8	19.2	54.0	V	4.8			

Date: 11/24/2009 - Time: 10:08:06 AM





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: Namtai

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

Test Standard: FCC Part 15 RE

Test Detail: Rx @ Low channel

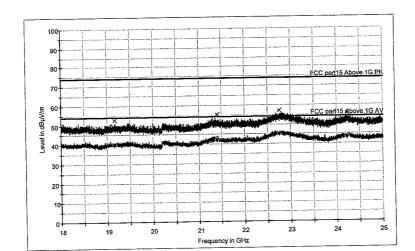
Operation Mode: Climate Condition: 50 %RH; 101 kPa.

25 °C; 50 DC 5V 163055640 200 Test Voltage / Freq. : Receipt No.: 17014194 001 Report No. Pass Result: Horizontal

Comment: Subrange 1

18GHz - 26GHz Frequency Range:

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



Limit and Margin PK

May Dook Corr Margin Limit Polarity					
Frequency (MHz)	MaxPeak (dB μ V/m)	Corr. (dB)	Margin (dB)	(dB μ V/m)	- Clarity
19173.500000	52.5	6.3	21.5	74.0	H
21396.000000	55.1	7.6	18.9	74.0	H_
22750.500000	57.2	10.4	16.8	74.0	H
24219.500000	55.6	7.6	18.4	74.0	
24213.300000					

Date: 11/24/2009 - Time: 12:46:02 PM





Produkte

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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)	Corr. (dB)	Margin (dB)	Limit (dB μ V/m)	Polarity
19173.500000	39.6	6.3	14.4	54.0	Н
21396.000000	41.8	7.6	12.2	54.0	Н
22750.500000	44.7	10.4	9.3	54.0	Н
24219.500000	43.0	7.6	11.0	54.0	Н

Tested by: WDZ 2009 11 2.6 Checken

2009 11. 26 Checked

Date: 11/24/2009 - Time: 12:46:02 PM

Test Plot of Spurious emission of C – 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(Receiver) Identification Test Standard:

FCC Part 15 Test Detail: RE

Operation Mode: Rx @ Low channel

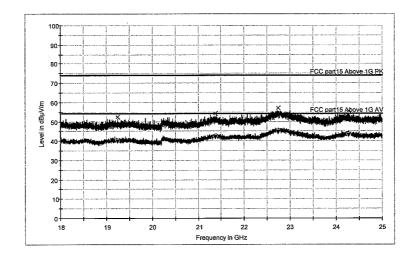
Climate Condition: 50 %RH; 101 kPa.

25 ℃; DC 5V Test Voltage / Freq. : 163055640 200 Receipt No.: Report No. 17014194 001 Result: Pass Comment: Vertical

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	MaxPeak	Corr.	Margin	Limit	Polarity
(MHz)	(dB μ V/m)	(dB)	(dB)	(dB µ V/m)	
19248.500000	52.4	6.4	21.6	74.0	V
21370.500000	54.3	7.6	19.7	74.0	V
22739.000000	56.9	10.4	17.1	74.0	V
24264.000000	55.5	7.6	18.5	74.0	٧

Date: 11/24/2009 - Time: 12:47:05 PM





Produkte

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin AV

Frequency	Average	Corr.	Margin	Limit	Polarity
(MHz)	. (dB μ V/m)	(dB)	(dB)	(dB µ V/m)	
19248.500000	39.5	6.4	14.5	54.0	V
21370.500000	41.8	7.6	12.2	54.0	V
22739.000000	44.6	10.4	9.4	54.0	V
24264.000000	43.0	7.6	11.0	54.0	V

Date: 11/24/2009 - Time: 12:47:05 PM



2009 II. Check