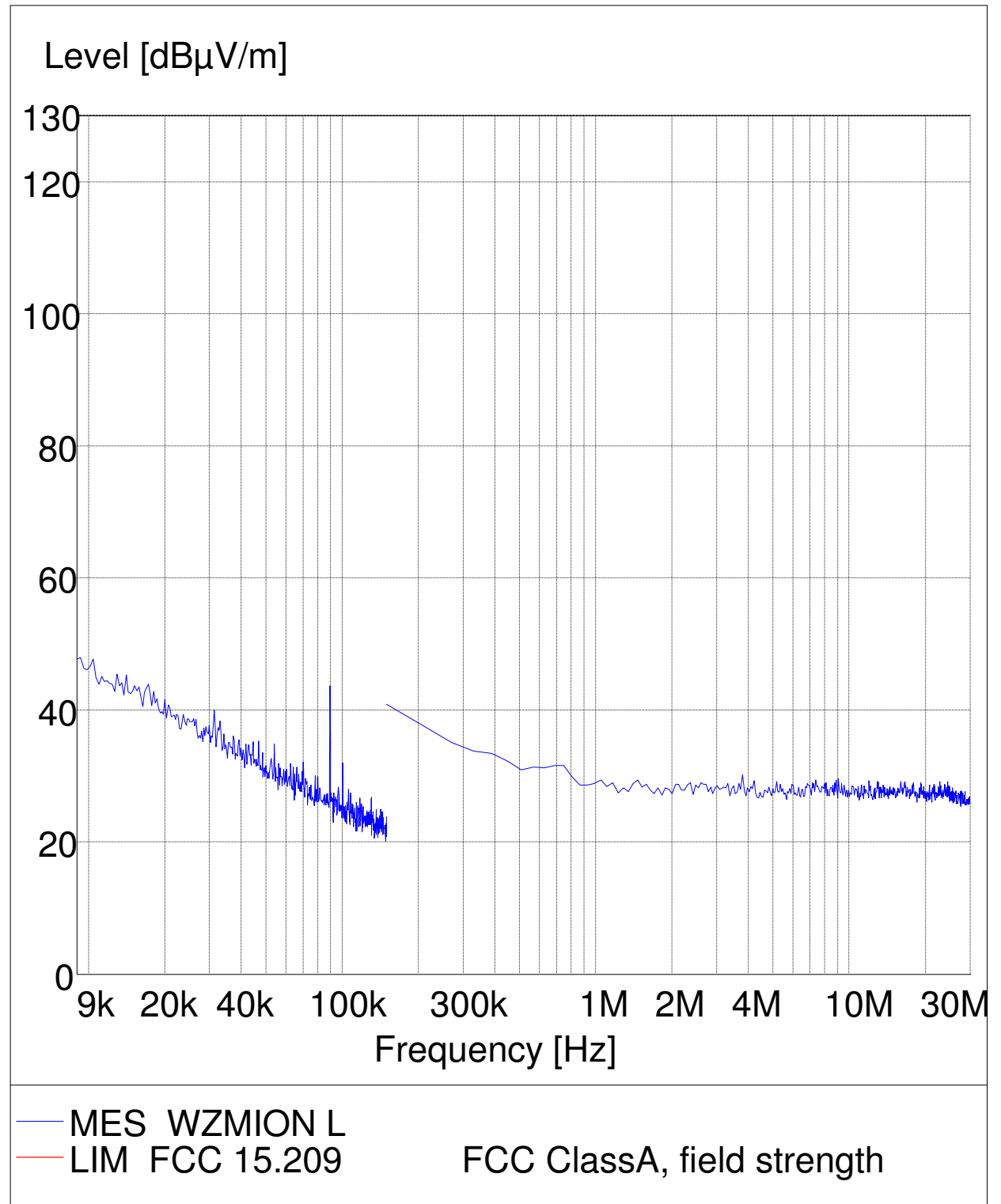


Test Plot of Spurious emission of A.1 – (9kHz – 30MHz)



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

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

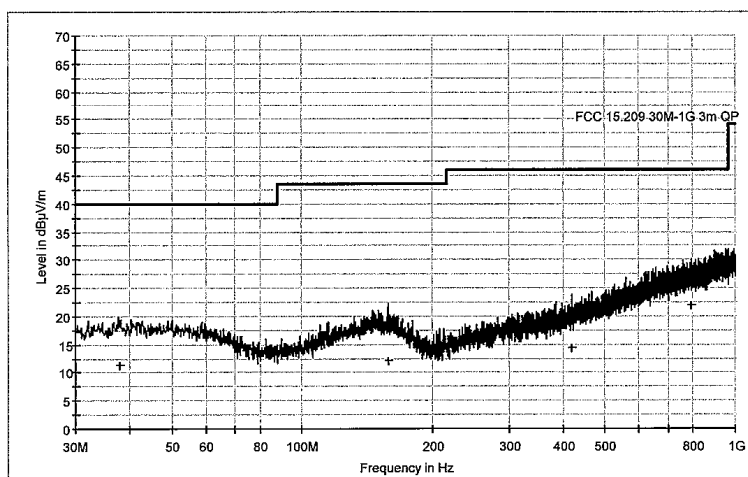
EMC Test Record (EMISSION)

Test Information

Manufacturer: Namtai
Test Item: Wireless SingStar Microphone
Identification: SLEH-00136(MIC)
Test Standard: FCC Part 15
Test Detail: RE
Operation Mode: Tx @ Low channel
Climate Condition: 25 °C; 50 %RH; 101 kPa.
Test Voltage / Freq. : DC 3V
Receipt No.: 183055638 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

Frequency (MHz)	QuasiPeak (dB µ V/m)	Corr. (dB)	Margin (dB)	Limit (dB µ V/m)	Polarity
37.800000	11.3	14.5	28.7	40.0	H
157.700000	12.1	15.6	31.4	43.5	H
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

Tested by:



Reviewed by:



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

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

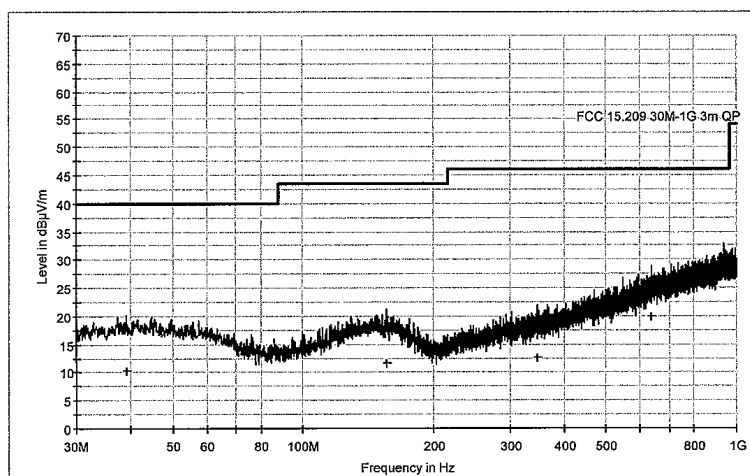
EMC Test Record (EMISSION)

Test Information

Manufacturer: Namtai
Test Item: Wireless SingStar Microphone
Identification: SLEH-00136(MIC)
Test Standard: FCC Part 15
Test Detail: RE
Operation Mode: Tx @ Low channel
Climate Condition: 25 °C; 50 %RH; 101 kPa.
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	10.3	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

Tested by:



Reviewed by:



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

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

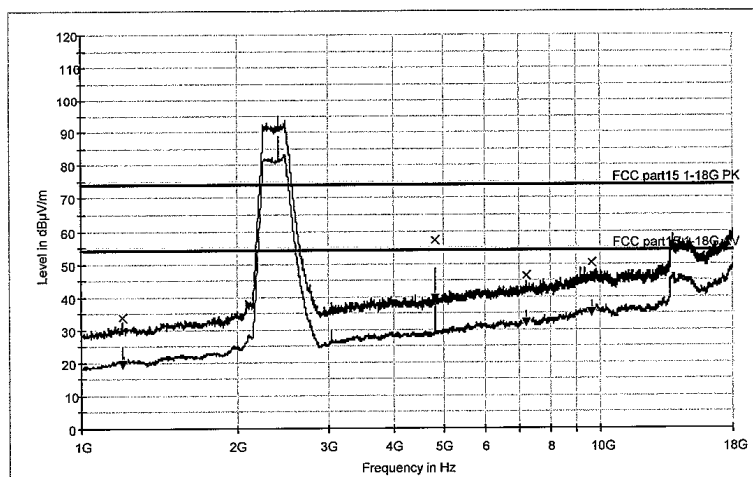
EMC Test Record (EMISSION)

Test Information

Manufacturer: Namtai
Test Item: Wireless SingStar Microphone
Identification: SLEH-00136(MIC)
Test Standard: FCC Part 15
Test Detail: RE
Operation Mode: Tx @ Low channel
Climate Condition: 25 °C; 50 %RH; 101 kPa.
Test Voltage / Freq. : DC 3V
Receipt No.: 163055638 200
Report No.: 17014192 001
Result: Pass
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)
1202.000000	33.6	40.4	74.0	H	-15.9
4810.000000	57.4	16.6	74.0	H	-5.5
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

Tested by:



Reviewed by:



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)
1202.000000	19.7	34.3	54.0	H	-15.9
4810.000000	39.6	14.4	54.0	H	-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

Tested by:



Reviewed by:



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

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

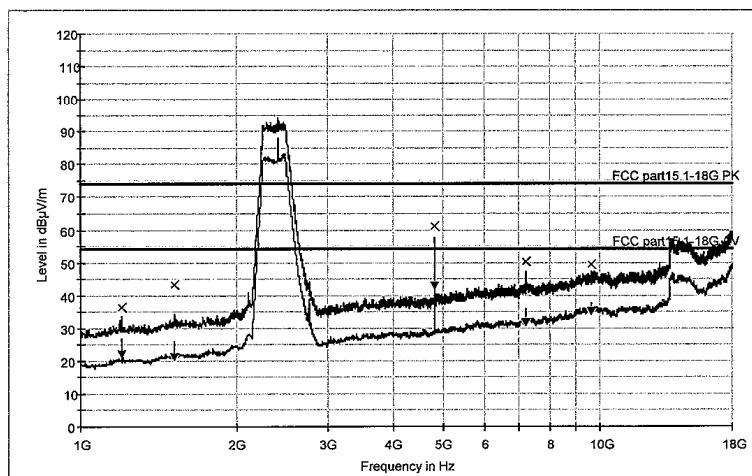
EMC Test Record (EMISSION)

Test Information

Manufacturer: Namtai
Test Item: Wireless SingStar Microphone
Identification: SLEH-00136(MIC)
Test Standard: FCC Part 15
Test Detail: RE
Operation Mode: Tx @ Low channel
Climate Condition: 25 °C; 50 %RH; 101 kPa.
Test Voltage / Freq. : DC 3V
Receipt No.: 163055638 200
Report No.: 17014192 001
Result: Pass
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)
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

Tested by:



Reviewed by:




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)
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

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

Tested by: 

Reviewed by: 

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

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

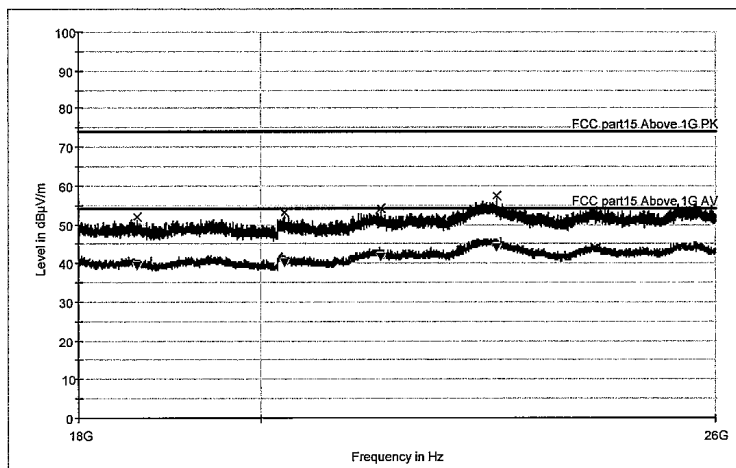
EMC Test Record (EMISSION)

Test Information

Manufacturer: Namtai
Test Item: Wireless SingStar Microphone
Identification: SLEH-00136(MIC)
Test Standard: FCC Part 15
Test Detail: RE
Operation Mode: Tx @ Low channel
Climate Condition: 25 °C; 50 %RH; 101 kPa.
Test Voltage / Freq. : DC 3V
Receipt No.: 163055638 200
Report No. 17014192 001
Result: Pass
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
18626.000000	51.9	5.7	22.1	74.0	H
20269.000000	53.0	6.2	21.0	74.0	H
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

Tested by:



Reviewed by:



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	H
20269.000000	40.2	6.2	13.8	54.0	H
21428.000000	41.5	7.6	12.5	54.0	H
22916.000000	44.2	9.8	9.8	54.0	H

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

Tested by:



Reviewed by:



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

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

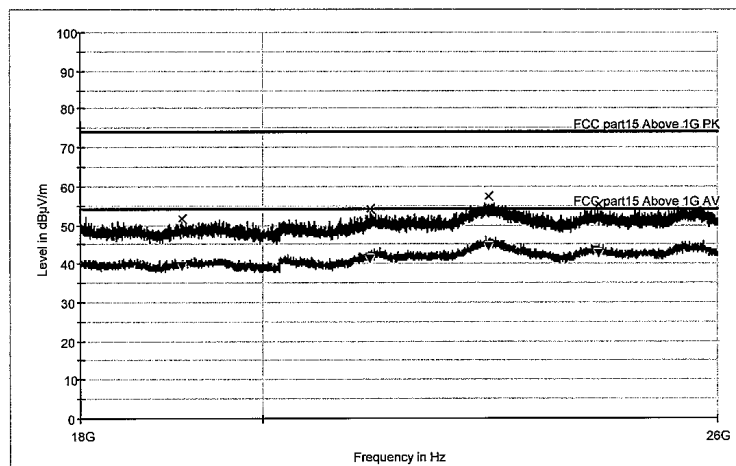
EMC Test Record (EMISSION)

Test Information

Manufacturer: Namtai
Test Item: Wireless SingStar Microphone
Identification: SLEH-00136(MIC)
Test Standard: FCC Part 15
Test Detail: RE
Operation Mode: Tx @ Low channel
Climate Condition: 25 °C; 50 %RH; 101 kPa.
Test Voltage / Freq. : DC 3V
Receipt No.: 163055638 200
Report No.: 17014192 001
Result: Pass
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
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

Tested by:



Reviewed by:



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

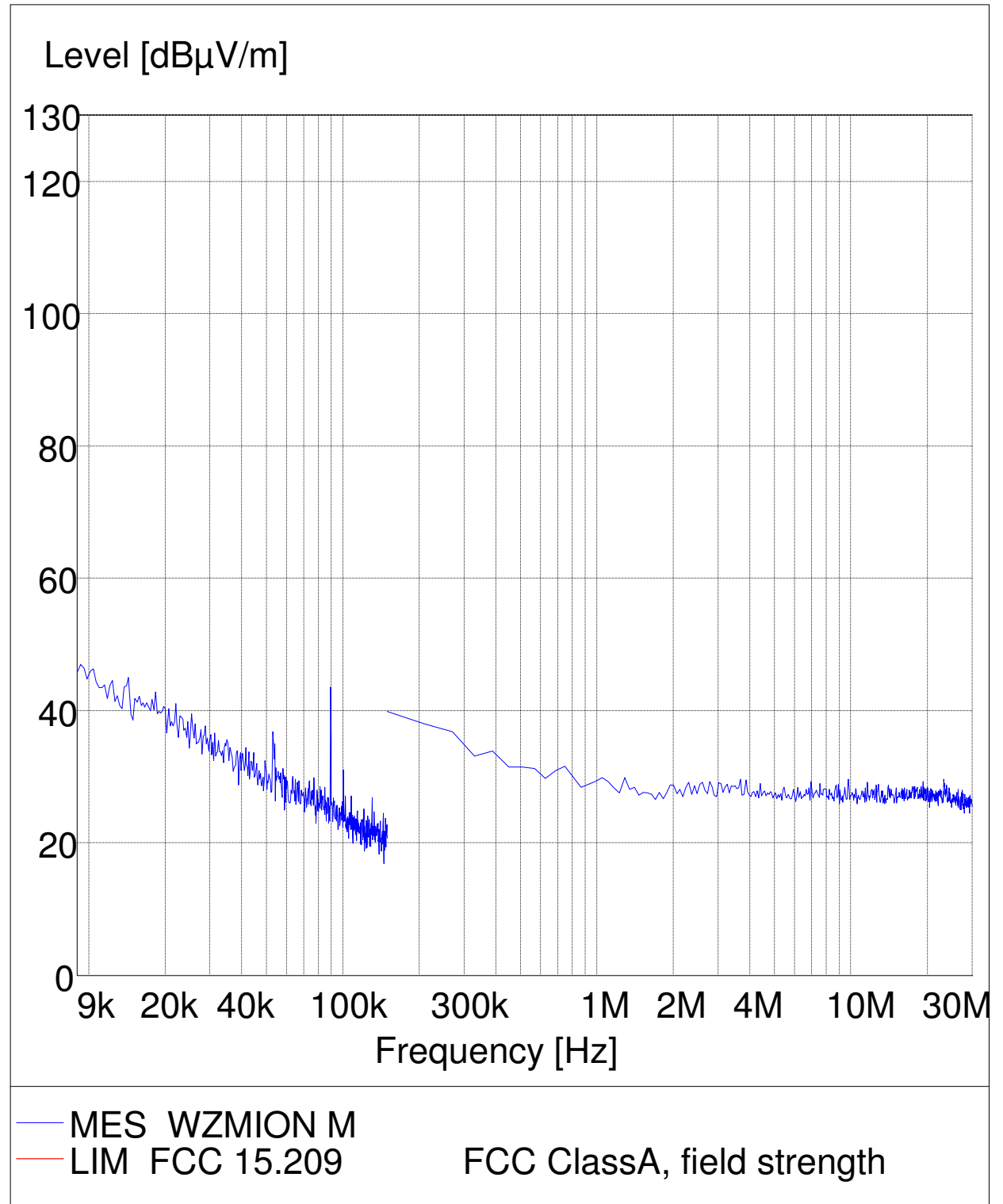
Tested by: _____



Reviewed by: _____



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

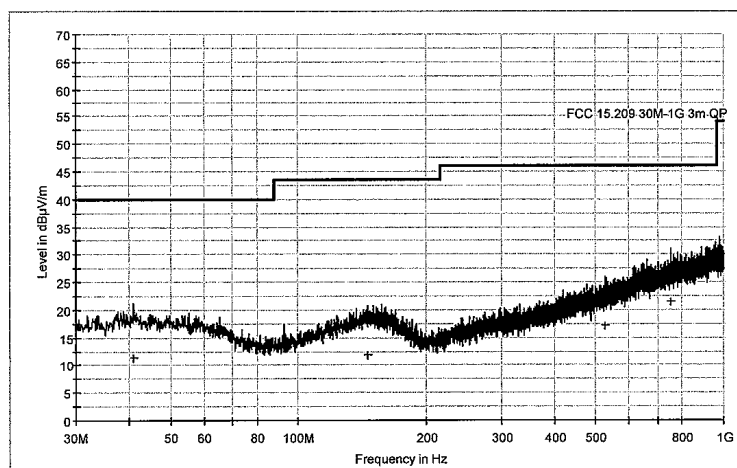
EMC Test Record (EMISSION)

Test Information

Manufacturer: Namtai
Test Item: Wireless SingStar Microphone
Identification: SLEH-00136(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
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

Frequency (MHz)	QuasiPeak (dB µ V/m)	Corr. (dB)	Margin (dB)	Limit (dB µ V/m)	Polarity
41.000000	11.4	14.7	28.6	40.0	H
145.900000	11.8	15.4	31.7	43.5	H
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

Tested by:



Reviewed by:



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

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

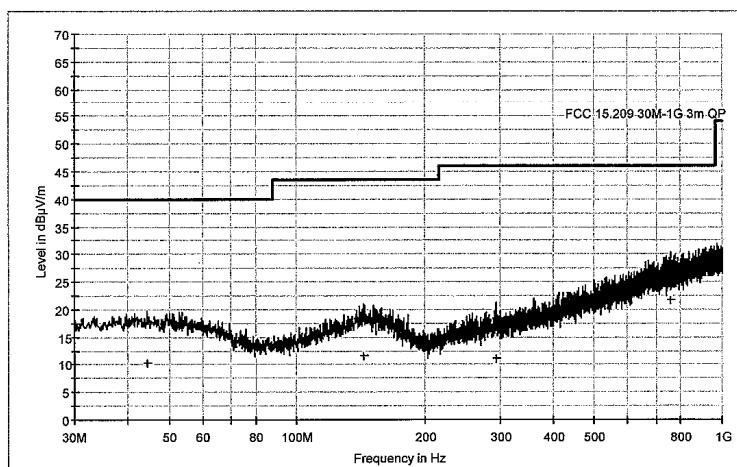
EMC Test Record (EMISSION)

Test Information

Manufacturer: Nantai
Test Item: Wireless SingStar Microphone
Identification: SLEH-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
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

Tested by:



Reviewed by:



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

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

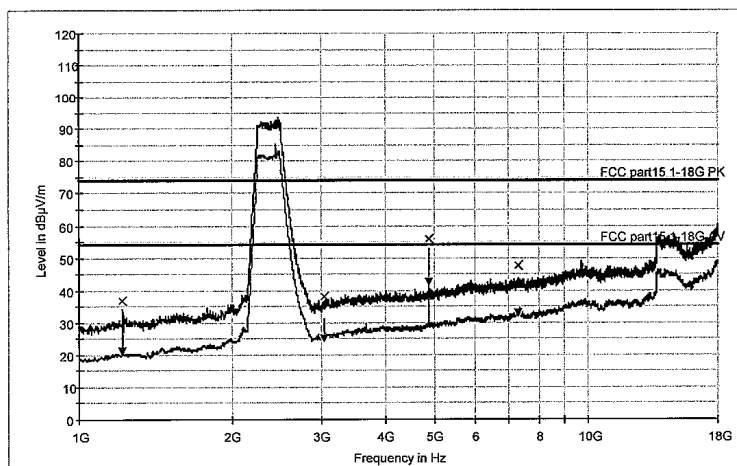
EMC Test Record (EMISSION)

Test Information

Manufacturer: Namtai
Test Item: Wireless SingStar Microphone
Identification: SLEH-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
Receipt No.: 163055638 200
Report No.: 17014192 001
Result: Pass
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)
1219.000000	36.7	37.3	74.0	H	-15.7
3038.000000	38.2	35.8	74.0	H	-8.9
4882.000000	55.8	18.2	74.0	H	-5.6
7323.000000	47.7	26.3	74.0	H	0.4

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

Tested by:



Reviewed by:



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)
1219.000000	21.3	32.7	54.0	H	-15.7
3038.000000	25.1	28.9	54.0	H	-8.9
4882.000000	42.3	11.7	54.0	H	-5.6
7323.000000	32.9	21.1	54.0	H	0.4

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

Tested by:



Reviewed by:



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

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

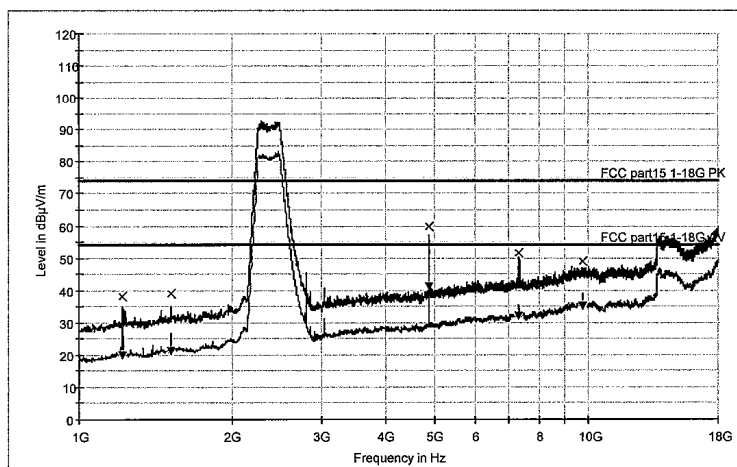
EMC Test Record (EMISSION)

Test Information

Manufacturer: Namtai
Test Item: Wireless SingStar Microphone
Identification: SLEH-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
Receipt No.: 163055638 200
Report No. 17014192 001
Result: Pass
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)
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	V	5.0

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

Tested by:



Reviewed by:



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)
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

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

Tested by:



Reviewed by:



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

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

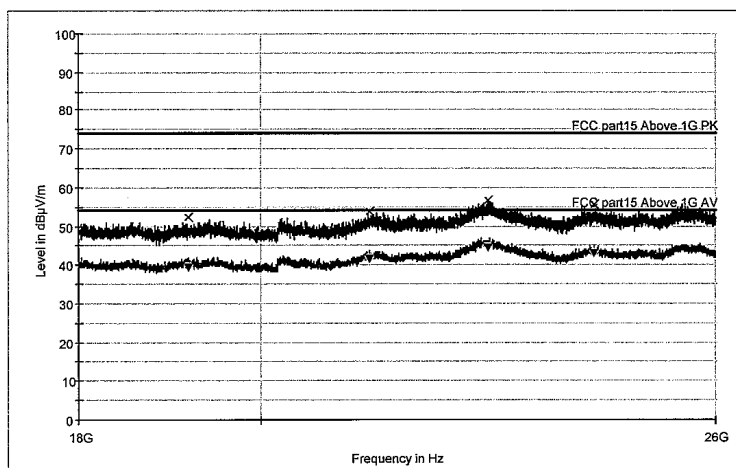
EMC Test Record (EMISSION)

Test Information

Manufacturer: Namtai
Test Item: Wireless SingStar Microphone
Identification: SLEH-00136(MIC)
Test Standard: FCC Part 15
Test Detail: RE
Operation Mode: Tx @ Mid channel
Climate Condition: 25 °C; 50 %RH; 101 kPa.
Test Voltage / Freq.: DC 3V
Receipt No.: 163055638 200
Report No.: 17014192 001
Result: Pass
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
19178.000000	52.3	6.4	21.7	74.0	H
21298.000000	53.8	7.5	20.2	74.0	H
22801.000000	56.8	10.3	17.2	74.0	H
24239.000000	55.6	7.6	18.4	74.0	H

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

Tested by:



Reviewed by:



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
19178.000000	39.5	6.4	14.5	54.0	H
21298.000000	41.5	7.5	12.5	54.0	H
22801.000000	44.5	10.3	9.5	54.0	H
24239.000000	42.9	7.6	11.1	54.0	H

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

Tested by:



Reviewed by:



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

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

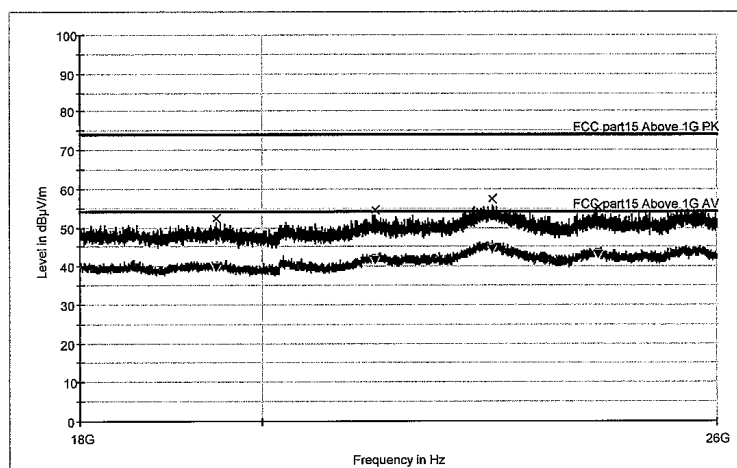
EMC Test Record (EMISSION)

Test Information

Manufacturer: Namtai
Test Item: Wireless SingStar Microphone
Identification: SLEH-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
Receipt No.: 163055638 200
Report No. 17014192 001
Result: Pass
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
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

Tested by: 

Reviewed by: 

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
19476.000000	39.7	6.4	14.3	54.0	V
21351.000000	41.6	7.5	12.4	54.0	V
22844.000000	44.3	10.1	9.7	54.0	V
24275.000000	42.9	7.6	11.1	54.0	V

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

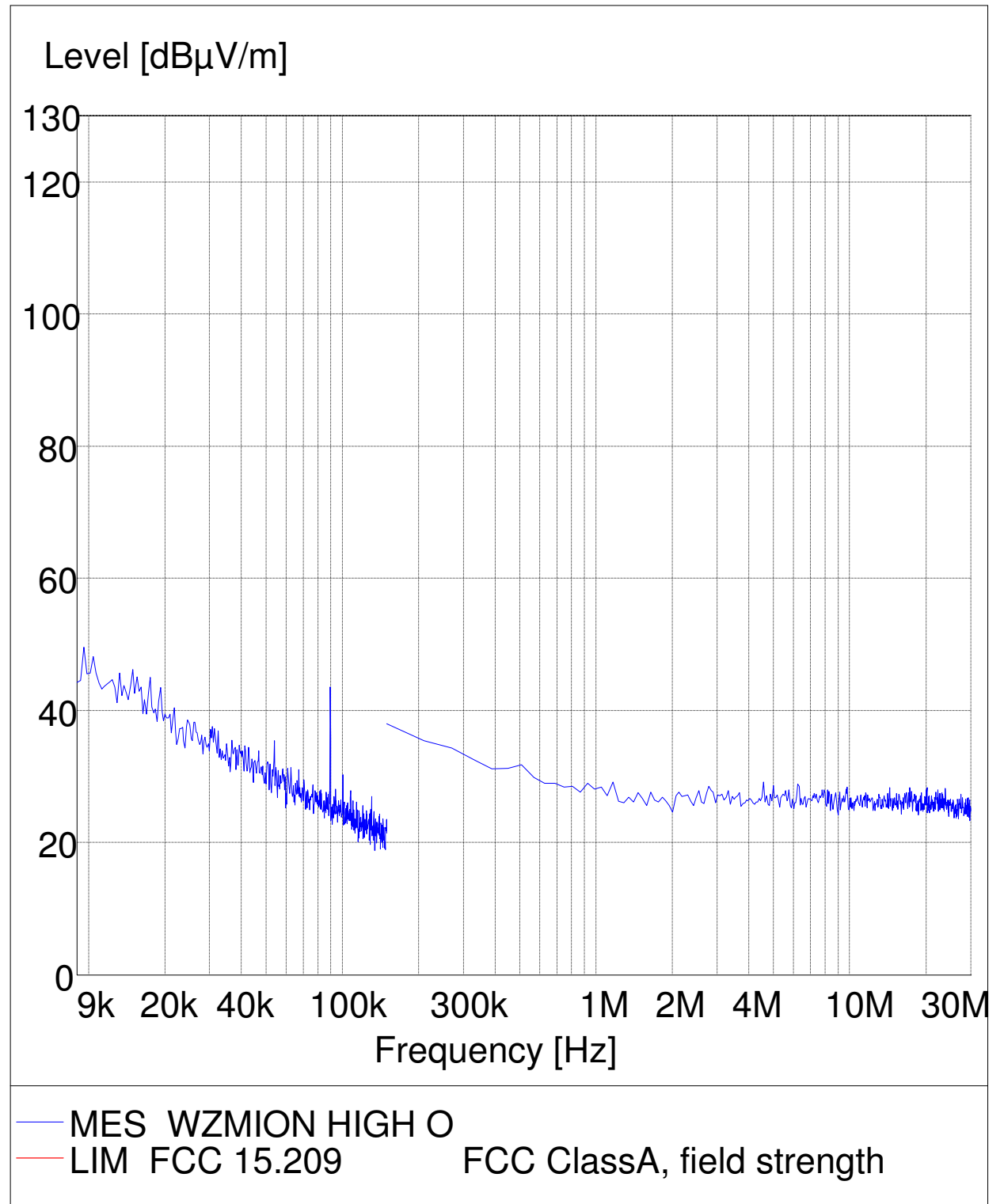
Tested by:



Reviewed by:



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

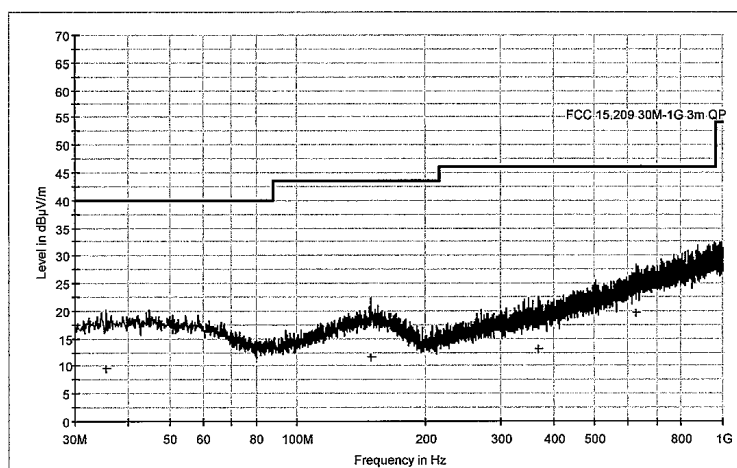
EMC Test Record (EMISSION)

Test Information

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

Frequency (MHz)	QuasiPeak (dB µ V/m)	Corr. (dB)	Margin (dB)	Limit (dB µ V/m)	Polarity
35.500000	9.7	14.1	30.3	40.0	H
149.200000	11.7	15.6	31.8	43.5	H
368.400000	13.1	16.6	32.9	46.0	H
627.150000	19.8	22.2	26.2	46.0	H

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

Tested by:



Reviewed by:



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

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

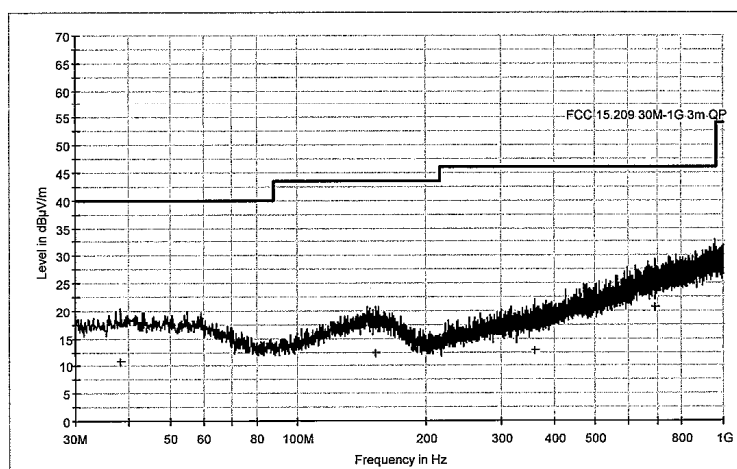
EMC Test Record (EMISSION)

Test Information

Manufacturer: Namtai
Test Item: Wireless SingStar Microphone
Identification: SLEH-00136(MIC)
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
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
38.300000	11.0	14.6	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

Tested by:



Reviewed by:



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

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

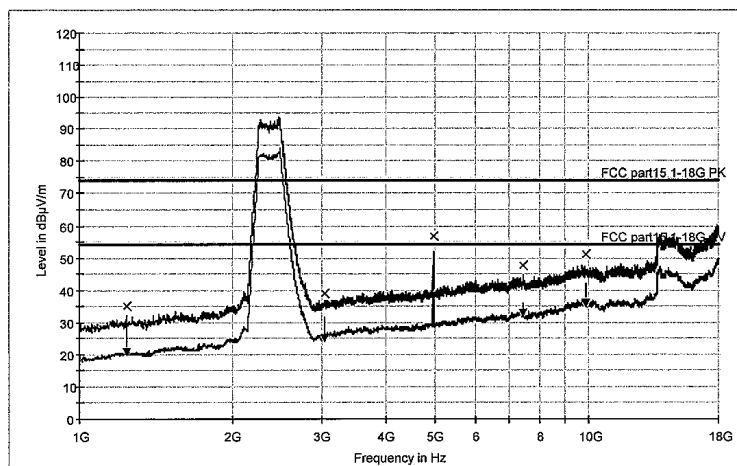
EMC Test Record (EMISSION)

Test Information

Manufacturer: Namtai
Test Item: Wireless SingStar Microphone
Identification: SLEH-00136(MIC)
Test Standard: FCC Part 15
Test Detail: RE
Operation Mode: Tx @ High channel
Climate Condition: 25 °C; 50 %RH; 101 kPa.
Test Voltage / Freq.: DC 3V
Receipt No.: 163055638 200
Report No.: 17014192 001
Result: Pass
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)
1236.000000	35.1	38.9	74.0	H	-15.5
3038.000000	39.0	35.0	74.0	H	-8.9
4954.000000	56.6	17.4	74.0	H	-5.8
7431.000000	47.5	26.5	74.0	H	0.9
9908.000000	51.0	23.0	74.0	H	5.5

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

Tested by:



Reviewed by:



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)
1236.000000	20.7	33.3	54.0	H	-15.5
3038.000000	25.2	28.8	54.0	H	-8.9
4954.000000	38.2	15.8	54.0	H	-5.8
7431.000000	32.9	21.1	54.0	H	0.9
9908.000000	36.0	18.0	54.0	H	5.5

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

Tested by:



Reviewed by:



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

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

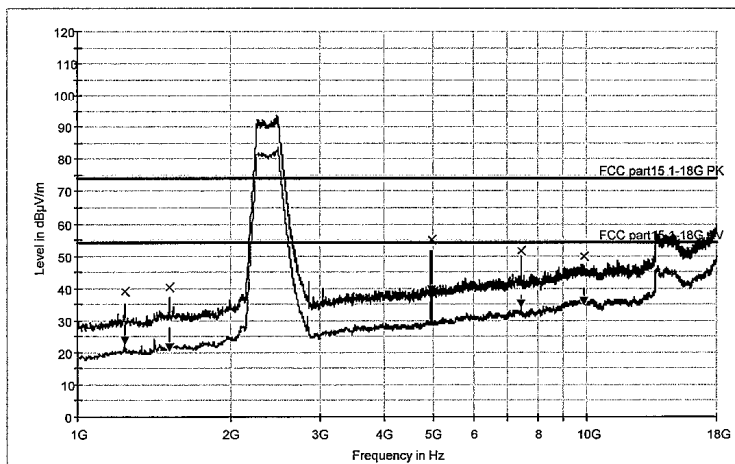
EMC Test Record (EMISSION)

Test Information

Manufacturer: Namtai
Test Item: Wireless SingStar Microphone
Identification: SLEH-00136(MIC)
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
Receipt No.: 163055638 200
Report No.: 17014192 001
Result: Pass
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)
1238.000000	39.1	34.9	74.0	V	-15.5
1518.500000	40.2	33.8	74.0	V	-14.6
4954.000000	55.1	18.9	74.0	V	-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

Tested by:



Reviewed by:



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)
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

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

Tested by:



Reviewed by:



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

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

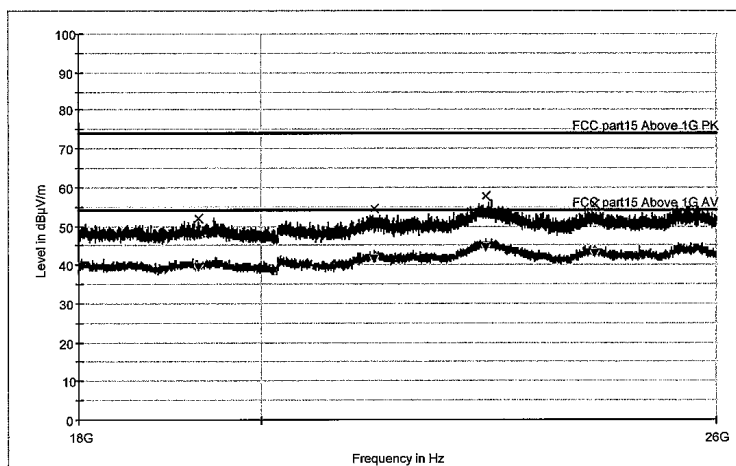
EMC Test Record (EMISSION)

Test Information

Manufacturer: Namtai
Test Item: Wireless SingStar Microphone
Identification: SLEH-00136(MIC)
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
Receipt No.: 163055638 200
Report No.: 17014192 001
Result: Pass
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
19284.000000	52.1	6.4	21.9	74.0	H
21355.000000	54.3	7.5	19.7	74.0	H
22771.000000	57.7	10.4	16.3	74.0	H
24249.000000	55.6	7.6	18.4	74.0	H

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

Tested by:



Reviewed by:



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
19284.000000	39.3	6.4	14.7	54.0	H
21355.000000	41.7	7.5	12.3	54.0	H
22771.000000	44.5	10.4	9.5	54.0	H
24249.000000	42.8	7.6	11.2	54.0	H

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

Tested by: _____



Reviewed by: _____



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

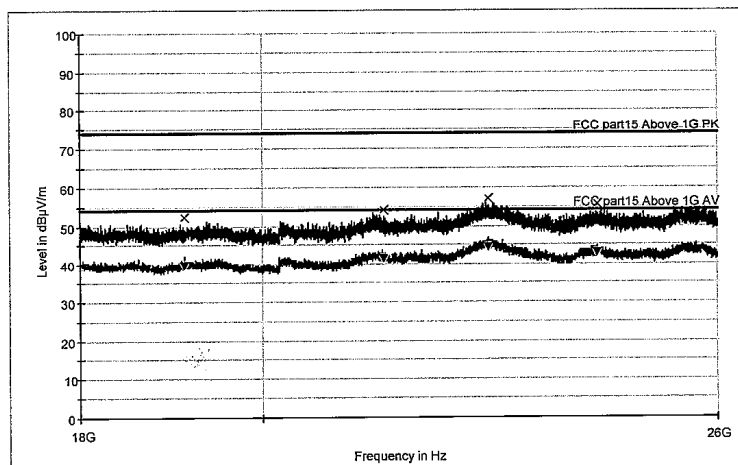
EMC Test Record (EMISSION)

Test Information

Manufacturer: Namtai
Test Item: Wireless SingStar Microphone
Identification: SLEH-00136(MIC)
Test Standard: FCC Part 15
Test Detail: RE
Operation Mode: Tx @ High channel
Climate Condition: 25 °C; 50 %RH; 101 kPa.
Test Voltage / Freq. : DC 3V
Receipt No.: 163055638 200
Report No.: 17014192 001
Result: Pass
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
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	74.0	V
24271.000000	55.6	7.6	18.4	74.0	V

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

Tested by:



Reviewed by:



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

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

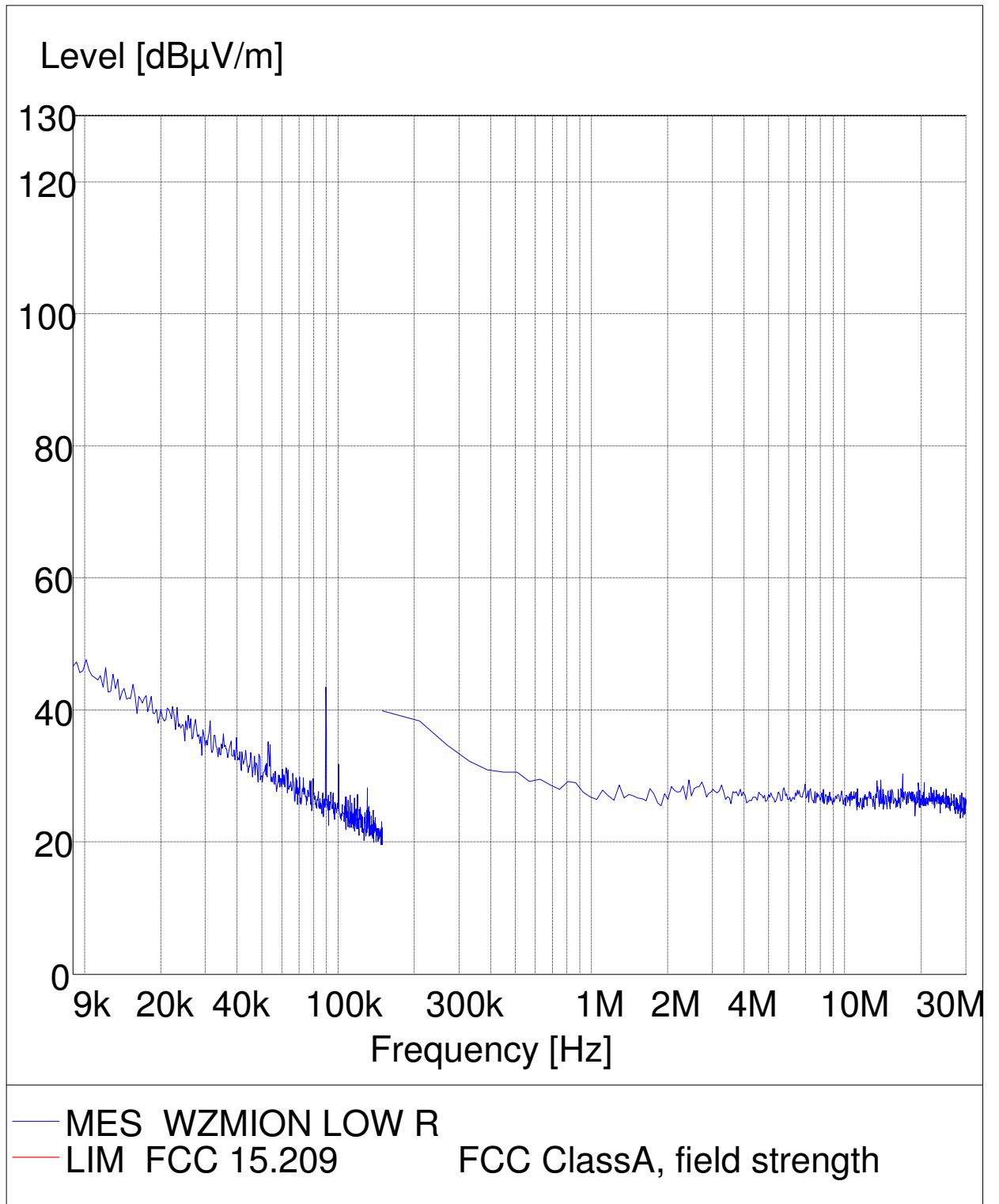
Tested by:



Reviewed by:



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

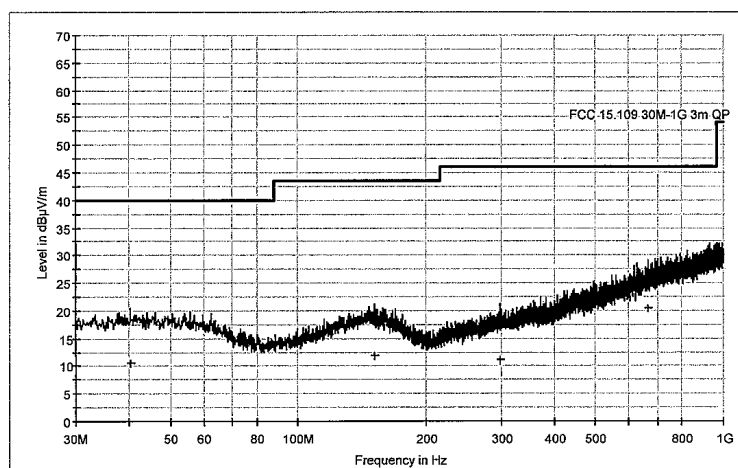
EMC Test Record (EMISSION)

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

Subrange 1

Frequency Range: 30MHz - 1GHz
Receiver: TUV ESC1 3
Transducer: TUV SAC UVLB 9168 / TUV ESC13 -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
40.300000	10.7	14.8	29.3	40.0	H
151.000000	11.9	15.7	31.6	43.5	H
297.700000	11.1	14.9	34.9	46.0	H
662.900000	20.3	22.8	25.7	46.0	H

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

Tested by:



Reviewed by:



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

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

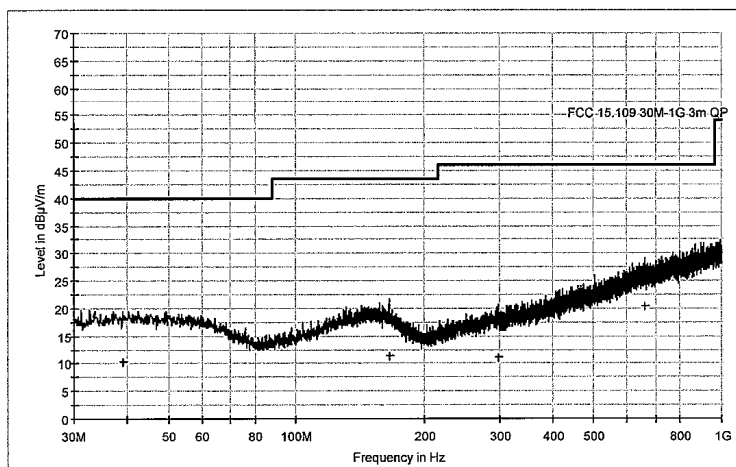
EMC Test Record (EMISSION)

Test Information

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

Tested by:



Reviewed by:



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

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

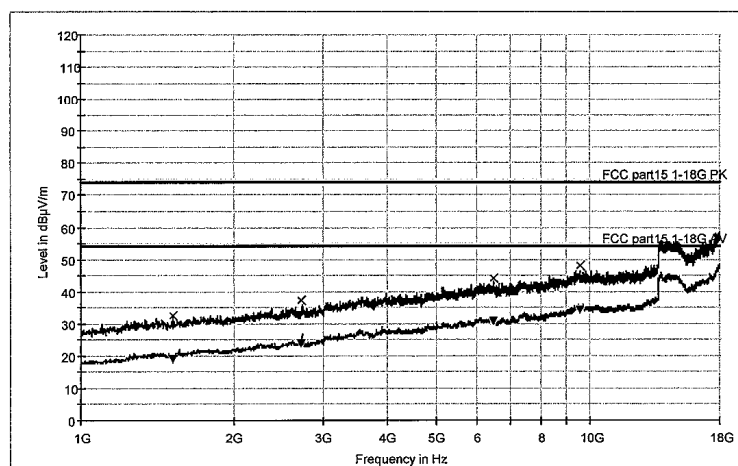
EMC Test Record (EMISSION)

Test Information

Manufacturer: Namtai
Test Item: Wireless SingStar Microphone
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
Receipt No.: 163055638 200
Report No. 17014192 001
Result: Pass
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)
1514.000000	32.6	41.4	74.0	H	-15.6
2719.000000	37.3	36.7	74.0	H	-11.0
6491.000000	44.1	29.9	74.0	H	-2.0
9591.500000	48.0	26.0	74.0	H	4.4

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

Tested by:



Reviewed by:



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	H	-15.6
2719.000000	23.7	30.3	54.0	H	-11.0
6491.000000	30.6	23.4	54.0	H	-2.0
9591.500000	34.1	19.9	54.0	H	4.4

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

Tested by:



Reviewed by:



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

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

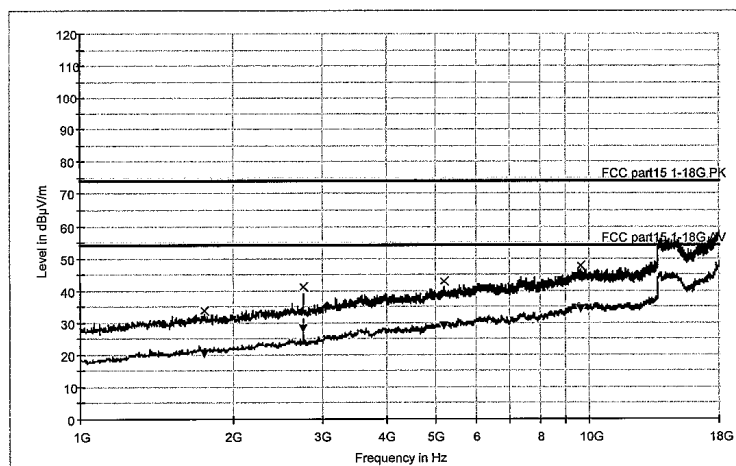
EMC Test Record (EMISSION)

Test Information

Manufacturer: Namtai
Test Item: Wireless SingStar Microphone
Identification: SLEH-00136(MIC)
Test Standard: FCC Part 15
Test Detail: RE
Operation Mode: Rx @ Low channel
Climate Condition: 25 °C; 50 %RH; 101 kPa.
Test Voltage / Freq. : DC 3V
Receipt No.: 163055638 200
Report No.: 17014192 001
Result: Pass
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)
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

Tested by:



Reviewed by:



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

Tested by:



Reviewed by:



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

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

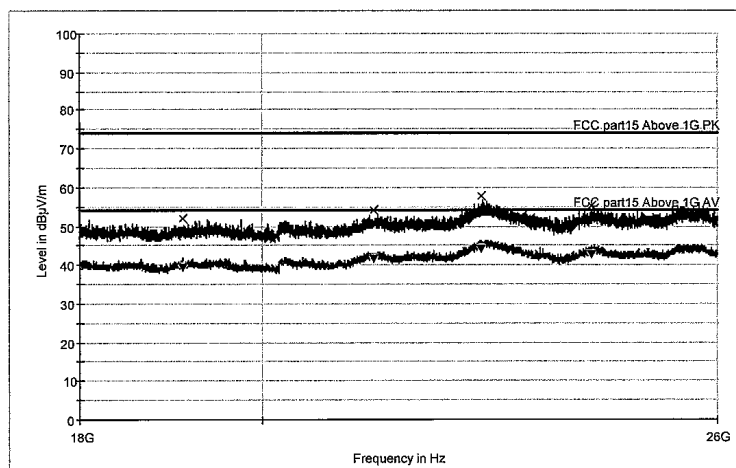
EMC Test Record (EMISSION)

Test Information

Manufacturer:	Namtai
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
Receipt No.:	163055638 200
Report No.:	17014192 001
Result:	Pass
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
19110.000000	51.9	6.3	22.1	74.0	H
21325.000000	54.0	7.5	20.0	74.0	H
22696.000000	57.7	10.5	16.3	74.0	H
24179.000000	55.2	7.6	18.8	74.0	H

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

Tested by:



Reviewed by:



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
19110.000000	39.4	6.3	14.6	54.0	H
21325.000000	41.6	7.5	12.4	54.0	H
22696.000000	44.2	10.5	9.8	54.0	H
24179.000000	42.6	7.6	11.4	54.0	H

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

Tested by:



Reviewed by: _____



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

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

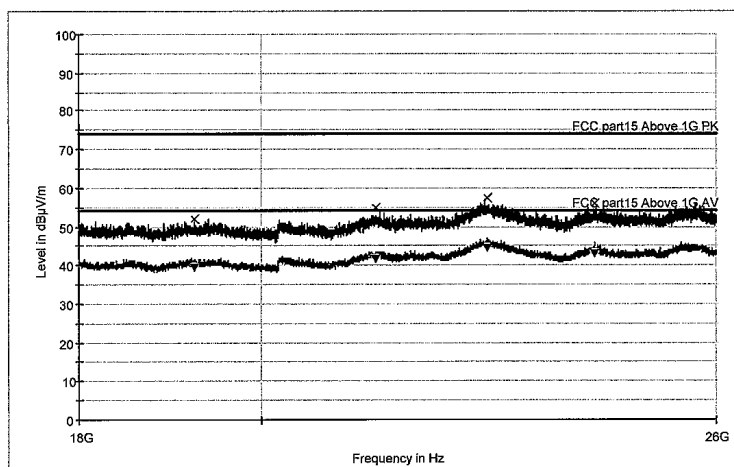
EMC Test Record (EMISSION)

Test Information

Manufacturer: Namtai
Test Item: Wireless SingStar Microphone
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
Receipt No.: 163055638 200
Report No. 17014192 001
Result: Pass
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
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

Tested by:



Reviewed by:



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
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

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

Tested by:



Reviewed by:

