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auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens.

This test report relates to the a.m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.



Produkte

Products

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TEST SUMMARY

5.1.1 ANTENNA REQUIREMENT

RESULT: Passed

5.1.2 PEAK OUTPUT POWER

RESULT: Passed

5.1.3 20DB BANDWIDTH

RESULT: Passed

5.1.4 100kHz Bandwidth of Frequency Band Edge

RESULT: Passed

5.1.5 Spurious Emission

RESULT: Passed

5.1.6 FREQUENCY SEPARATION

RESULT: Passed

5.1.7 NUMBER OF HOPPING FREQUENCY

RESULT: Passed

5.1.8 TIME OF OCCUPANCY

RESULT: Passed

5.1.9 PEAK POWER DENSITY

RESULT: Passed

5.1.10 RADIATED EMISSIONS

RESULT: Passed

5.1.11 RESTRICTED BANDS

RESULT: Passed



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1. General Remarks

1.1 Complementary Materials

None.

2. Test Sites

2.1 Test Facilities

TÜV Rheinland (Guangdong) Ltd. EMC Laboratory

Guangzhou Auto Market, Yuan Gang Section of Guangshan Road, Guangzhou, P.R. China

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2.2 List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment

Kind of Equipment	Manufacturer	Туре	S/N	Calibrated until							
Spurious emission	Spurious emission and Radiated emission										
EMI Test Receiver	Rohde & Schwarz	ESCI-3	100216	2009-11-26							
Spectrum Analyzer	Rohde & Schwarz	FSP30	100286	2009-08-24							
Trilog-Broadband Antenna	SCHWARZBECK MESS-ELEKTRONIK	VULB9168	209	2009-11-07							
Double-Ridged Waveguide Horn Antenna	Rohde & Schwarz	HF906	100385	2009-08-18							
Pre-amplifier	MITEQ	AFS42- 00101800-25- S-42	1101599	2009-07-31							
Standard Gain Horn Antenna	EMCO	3160-09	21642	N/A							
Pre-amplifier	MITEQ	AFS33- 18002650-30- 8P-44	1108282	2009-07-31							
3m Anechoic Chamber	Albatross Project GmbH	N/A	N/A	2009-04-16							
Radio Test Suite											
EMI Test Receiver	Rohde & Schwarz	ESCI	100178	2009-09-27							
Receiver	R&S	ESCI	100178	2009-09-27							
Conducted Emissi	on										
EMI Test Receiver	Rohde & Schwarz	ESCS30	100316	2009-03-27							
Artificial Mains Network	Rohde & Schwarz	ESH2-Z5	100114	2009-03-27							



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2.3 Traceability

All measurement equipment calibrations are traceable to NIST or where calibration is performed outside the United States, to equivalent nationally recognized standards organizations.

2.4 Calibration

Equipment requiring calibration is calibrated periodically by the manufacturer or according to manufacturer's specifications. Additionally all equipment is verified for proper performance on a regular basics using in house standards or comparisons.

2.5 Measurement Uncertainty

The estimated combined standard uncertainty for radiated emissions and conducted emissions measurements are ± 3 dB.

2.6 Location of Original Data

The original copies of all test data taken during actual testing were attached at Appendix1 of this report and delivered to the applicant. A copy has been retained in the TÜV Rheinland (Shenzhen) file for certification follow-up purposes.

2.7 Status of Facility Used for Testing

The TÜV Rheinland (Guangdong) Ltd. test facility located at Guangzhou Auto Market, Yuan Gang Section of Guangshan Road, Guangzhou, P.R. China is listed on the US Federal Communications Commission list of facilities approved to perform measurements.

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3. General Product Information

3.1 Product Function and Intended Use

The EUT is wireless microphone designed for SONY PlayStation[®] 2 and PlayStation[®] 3 for home entertainment. It operates at 2.4GHz ISM frequency band. The whole system is composes of 2 Microphones and a Receiver which contains 2 RF units, each unit can only communicate with one Microphone.

Hopping channel refer to following table, unit: MHz

11 3 -				, ,	-						
2405	2407	2409	2411	2413	2415	2417	2419	2421	2423	2425	2427
2429	2431	2433	2435	2437	2439	2441	2443	2447	2449	2451	2453
2455	2457	2459	2461	2463	2465	2467	2469	2471	2473	2475	2477

Every Microphone and receive unit can only use half of frequency points in the same time. Hopping channel for blue microphone and blue receive unit: MHz

2405	2409	2413	2417	2421	2425	2429	2433	2437
2441	2447	2451	2455	2459	2463	2467	2471	2475

Hopping channel for red microphone and red receive unit: MHz

2407	2411	2415	2419	2423	2427	2431	2435	2439
2443	2449	2453	2457	2461	2465	2469	2473	2477

For details refer to the User Manual, technical description and Circuit Diagram.

3.2 Ratings and System Details

Table 2: Rating of EUT

Kind of Equipment:	Wireless SingStar Microphone
Type Designation:	SLEH-00089(MIC)
FCC ID	VZVWLMIC2



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Table 3: Technical Specification of EUT

Technical Specification	Value
Operating Frequency band	2405 – 2477 MHz
Channel separation	2MHz
Extreme Temperature Range	5°C to 35°C
Operation Voltage	DC 3V (via alkaline battery)
Modulation	FHSS, GFSK
Antenna Type	Internal Antenna, Non-User Replaceable
Antenna Gain	-2.5dBi
RF Output Power	0.0014W (1.4dBm)
External Ports	None
Hopping rate	58.8 times/s

3.3 Independent Operation Modes

The basic operation modes are:

- A. Transmitting
 - 1. Low channel
 - 2. Middle channel
 - 3. High channel
- B. Receiving
- C. Standby
- D. Off

3.4 Noise Generating and Noise Suppressing Parts

Refer to the Circuit Diagram.

3.5 Submitted Documents

- Bill of Material
- PCB Layout
- Photo Document
- Technical Description

- Circuit Diagram
- Instruction Manual
- Rating Label

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4. Test Set-up and Operation Modes

4.1 Principle of Configuration Selection

The equipment under test (EUT) was configured to measure its maximum power level. The test modes were adapted accordingly in reference to the instructions for use.

4.2 Test Operation and Test Software

Test operation refers to test setup in chapter 5. All testing were performed according to the procedures in ANSI C63.4: 2003.

4.3 Special Accessories and Auxiliary Equipment

Kind of Equipment	Manufacturer	Туре	S/N
Wireless SingStar Microphone Receiver	Namtai	SLEH-00089 (Receiver)	88000001-1
PlayStation3	SONY	PlayStation3	0309656
Television	Sony	J29MF1	1519805

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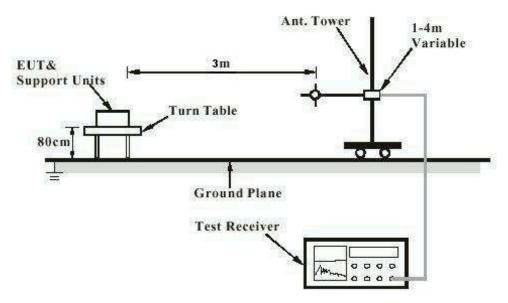
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4.4 Countermeasures to achieve EMC Compliance

The test sample which has been tested contained the noise suppression parts as described in the Constructional Data Form or the Technical Construction File. No additional measures were employed to achieve compliance.

4.5 Test Setup Diagram

Diagram of Measurement Configuration for Radiation Test





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Diagram of Measurement Equipment Configuration for Conduction Measurement

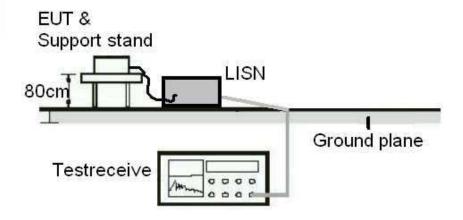
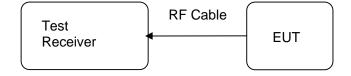


Diagram of Measurement Equipment Configuration for Transmitter Measurement





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5. Test Results

5.1 Transmitter Requirement & Test Suites

5.1.1 Antenna Requirement

RESULT: Passed

Test date : 2008-09-04

Test standard : FCC Part 15.247(b)(4) and Part 15.203

RSS Gen 7.1.4

Limit : the use of antennas with directional gains that do

not exceed 6 dBi

According to the manufacturer declared, the EUT has an internal antenna, the directional gain of antenna is -2.5dBi, and the antenna connector is designed with permanent attachment and no consideration of replacement. Therefore the EUT is considered sufficient to comply the provision.

Refer to EUT photo for details.



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5.1.2 Peak Output Power

RESULT: Passed

Test date 2008-11-21

Test standard FCC Part 15.247(b)(1)

RSS-210 A8.4 (2)

Basic standard ANSI C63.4: 2003

Limit 0.125 Watt Kind of test site Shielded room

Test setup

Test Channel Low/ Middle/ High

Operation Mode Ambient temperature
Relative humidity **20**℃ Relative humidity 48% Atmospheric pressure : 101 kPa

Table 4: Test result of Peak Output Power

Channel	Channel Frequency	Peak Out	put Power	Limit
	(MHz)	(dBm)	(W)	(W)
Low Channel	2405	-0.74	0.0008	0.125
Middle Channel	2441	0.06	0.001	0.125
High Channel	2477	0.19	0.001	0.125

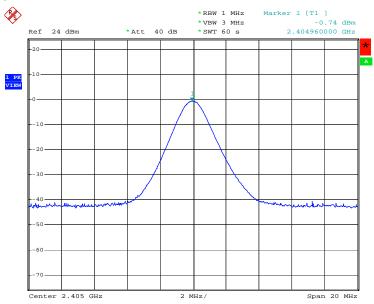


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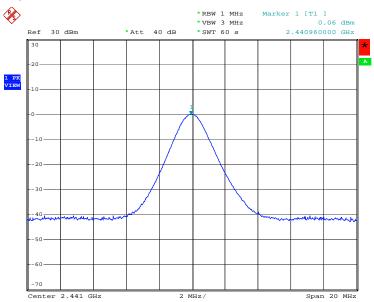
Test Plot of Peak Output Power

Low Channel



Date: 21.NOV.2008 09:44:07

Middle Channel



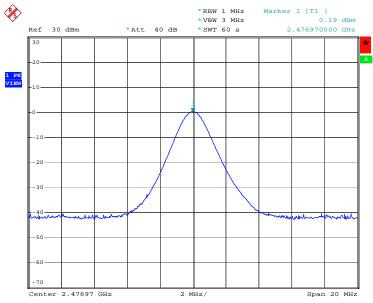
Date: 21.NOV.2008 10:09:08



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High Channel



Date: 21.NOV.2008 10:22:01



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5.1.3 20dB Bandwidth

RESULT: Passed

Date of testing 2008-11-21

Test standard FCC Part 15.247(a)(1)

RSS-210 A8.1 (a)

Basic standard ANSI C63.4: 2003 Kind of test site Shielded room

Test setup

Low/ Middle/ High

Test Channel :
Operation Mode :
Ambient temperature :
Relative humidity :
Atmospheric pressure : **20**℃ 48% 101 kPa

Table 5: Test result of 20dB Bandwidth

Channel	Channel Frequency (MHz)	20dB Bandwidth (MHz)	
Low Channel	2405	2.04	
Mid Channel	2441	2.02	
High Channel	2477	1.98	



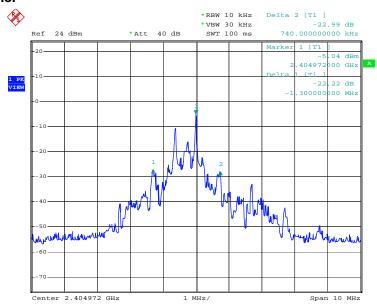
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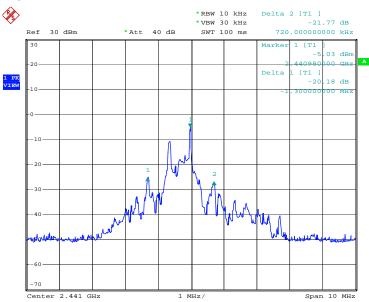
Test Plot of 20dB Bandwidth

Low Channel



Date: 21.NOV.2008 09:51:15

Middle Channel



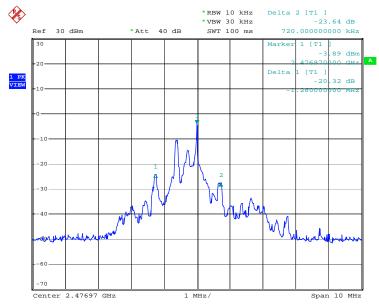
Date: 21.NOV.2008 10:12:01



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High Channel



Date: 21.NOV.2008 10:23:36



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5.1.4 100kHz Bandwidth of Frequency Band Edge

RESULT: Passed

2008-09-25 Date of testing

Test standard FCC part 15.247(d)

RSS-210 A8.5

Basic standard ANSI C63.4: 2003

20dB (below that in the 100kHz bandwidth within Limit

the band that contains the highest level of the

desired power);

In addition, radiated emissions which fall in the restricted bands, must also comply with the radiated

emission limits specified in 15.209(a)

Kind of test site Shield room

Test setup

Test Channel Low/ High

Operation mode Α **22**℃ Ambient temperature Relative humidity 50% Atmospheric pressure 100 kPa

All emissions are more than 20dB below fundamental, details refer to following test plot, and compliance is achived as well.



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Test Plot of 100kHz Bandwidth of Frequency Band Edge Low Channel, Horizontal

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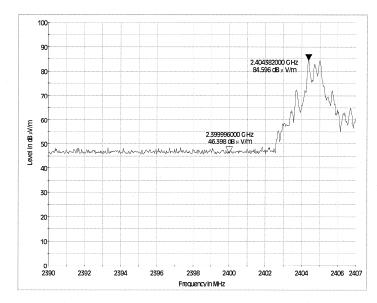
Test Information

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

Subrange 1 Frequency Range: Receiver: Transducer:

2.39GHz - 2.407GHz TUV FSP 30 TUV SAC HF906 / TUV FSP 30-TUV SAC HF906

RBW = 100 kHz VBW = 300 kHz SWT = 100 ms





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Low Channel, Vertical

EMC32 Report

Test Information

Manufacturer Name: Model Number: Operating Conditions: Comment:

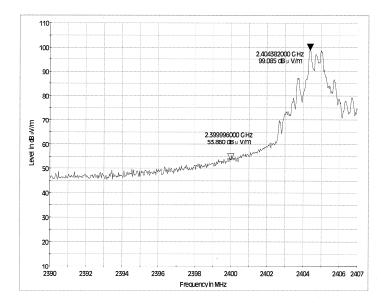
Namtai SLEH-00089(MIC) TX_Low channel Vertical

Subrange 1

Frequency Range: Receiver: Transducer:

2.39GHz - 2.407GHz TUV FSP 30 TUV SAC HF906 / TUV FSP 30-TUV SAC HF906

RBW = 100 kHz VBW = 300 kHz SWT = 100 ms





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Products

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High Channel, Horizontal

EMC32 Report

Test Information

Manufacturer Name: Model Number: Operating Conditions: Comment:

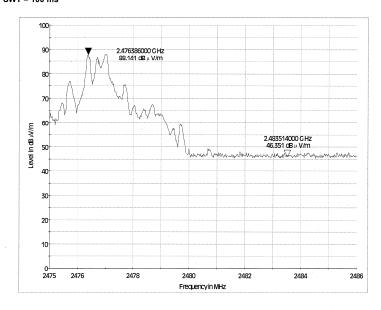
Subrange 1 Frequency Range: Receiver: Transducer:

2.475GHz – 2.486GHz TUV FSP 30

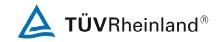
Namtai SLEH-00089(MIC) TX_High channel Horizontal

TUV SAC HF906 / TUV FSP 30-TUV SAC HF906

RBW = 100 kHz VBW = 300 kHz SWT = 100 ms







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High Channel, Vertical

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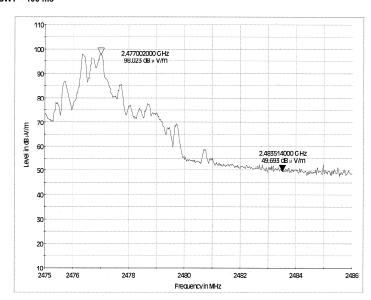
Test Information

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

Subrange 1 Frequency Range: Receiver: Transducer:

2.475GHz - 2.486GHz TUV FSP 30 TUV SAC HF906 / TUV FSP 30-TUV SAC HF906

RBW = 100 kHz VBW = 300 kHz SWT = 100 ms





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5.1.5 Spurious Emission

RESULT: Passed

Date of testing 2008-09-04 to 2008-09-25

Test standard FCC part 15.247(d)

RSS-210 Clause 2.2

Basic standard ANSI C63.4: 2003

Limits Refer to 15.209(a) of FCC part 15.247(d)

Refer to RSS-210 Table 2

Kind of test site 3m Semi-Anechoic Chamber

Test setup

Test Channel Low/ Middle/ High

Operation mode A, B Ambient temperature **22**℃ Relative humidity 50% Atmospheric pressure : 100 kPa

Remark: Testing was carried out within frequency range 30MHz to the tenth harmonics. For details refer to following test curves.



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

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Test Information

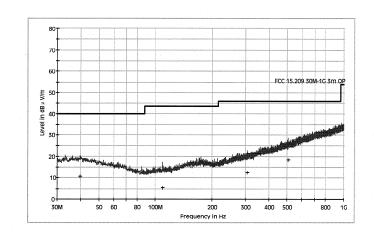
Manufacturer Name: Model Number: Operating Conditions: Comment:

Namtai SLEH-00089(MIC) TX_Low channel Horizontal

Subrange 1 Frequency Range: Receiver:

30MHz - 1GHz TUV ESCI 3

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



Limit and Margin

mint and margin									
Frequency (MHz)	QuasiPeak (dB µ V/m)	Corr. (dB)	Margin (dB)	Limit (dB µ V/m)	Polarity				
39.800000	10.8	14.4	29.2	40.0	Н				
109.050000	5.6	9.7	37.9	43.5	Н				
308.650000	12.6	16.6	33.4	46.0	Н				
507.250000	18.6	21.9	27.4	46.0	Н				



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

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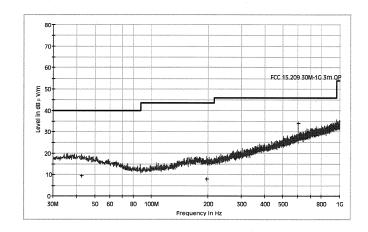
Test Information

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

Subrange 1 Frequency Range: Receiver:

Transducer:

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



Limit and Margin

mint and margin									
Frequency (MHz)	QuasiPeak (dB µ V/m)	Corr. (dB)	Margin (dB)	Limit (dB µ V/m)	Polarity				
42.600000	9.5	14.0	30.5	40.0	V				
196.600000	8.2	12.8	35.3	43.5	\				
501.100000	23.8	21.7	22.2	46.0	V				
601.250000	34.2	24.0	11.8	46.0	V				



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

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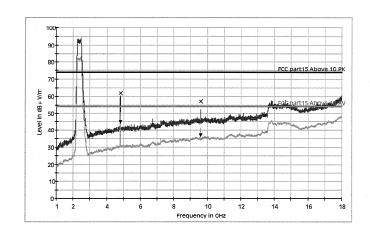
Test Information

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

Subrange 1 Frequency Range:

Receiver: Transducer:

1GHz - 18GHz TUV FSP 30 TUV SAC HF906 / TUV FSP 30-TUV SAC HF906



Limit and Margin PK

Frequency	MaxPeak	Margin	Limit	Polarity	Corr.
(MHz)	(dB µ V/m)	(dB)	(dB µ V/m)		(dB)
4810.000000	61.8	12.2	74.0	Н	-5.1
9619.000000	56.9	17.1	74.0	Н	3.5

Limit and Margin AV

Frequency (MHz)	Average (dB µ V/m)	Margin (dB)	Limit (dB µ V/m)	Polarity	Corr. (dB)
4810.000000	44.9	9.1	54.0	Н	-5.1
9619.000000	36.9	17.1	54.0	Н	3.5



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

EMC32 Report

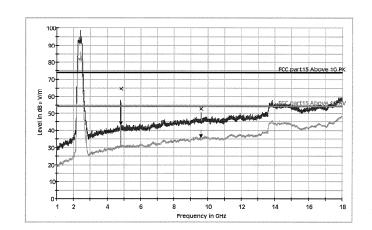
Test Information

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

Subrange 1
Frequency Range:

Receiver: Transducer:

1GHz - 18GHz TUV FSP 30 TUV SAC HF906 / TUV FSP 30-TUV SAC HF906



Limit and Margin PK

Frequency	MaxPeak	Margin	Limit	Polarity	Corr.
(MHz)	(dB µ V/m)	(dB)	(dB µ V/m)		(dB)
4808.500000	64.8	9.2	74.0	V	-5.1
9617.500000	52.7	21.3	74.0	V	3 !

Limit and Margin AV

Frequency	Average	Margin	Limit	Polarity	Corr.
(MHz)	(dB µ V/m)	(dB)	(dB µ V/m)		(dB)
4808.500000	44.1	9.9	54.0	V	-5.1
9617.500000	36.4	17.6	54.0	V	3.5



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

EMC32 Report

Test Information

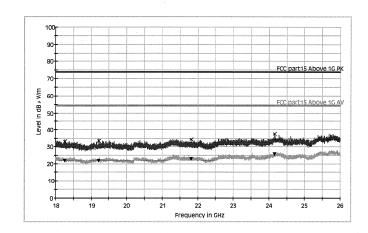
Manufacturer Name: Model Number: Operating Conditions: Comment: Namtai SLEH-00089(MIC) TX_Low channel Horizontal

Subrange 1 Frequency Range:

Receiver:
Transducer:

18GHz - 26GHz TUV FSP 30

TUV FSP 30 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
18259.000000	33.0	-14.4	41.0	74.0	Н
19215.000000	33.2	-14.0	40.8	74.0	Н
21819.000000	34.4	-13.4	39.6	74.0	Н
24159.000000	37.4	-12.3	36.6	74.0	Н

Limit and Margin AV

Frequency (MHz)	Average (dB µ V/m)	Corr. (dB)	Margin (dB)	Limit (dB µ V/m)	Polarity
18259.000000	21.8	-14.4	32.2	54.0	Н
19215.000000	21.7	-14.0	32.3	54.0	H
21819.000000	22.6	-13.4	31.4	54.0	H
24159.000000	25.5	-12.3	28.5	54.0	H

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

EMC32 Report

Test Information

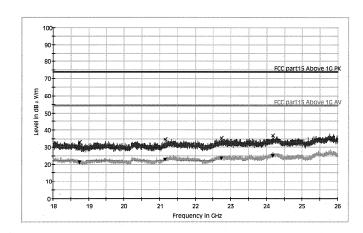
Manufacturer Name: Model Number: Operating Conditions: Comment: Namtai SLEH-00089(MIC) TX_Low channel Vertical

Subrange 1 Frequency Range: Receiver:

18GHz - 26GHz 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
18741.000000	32.8	-14.4	41.2	74.0	V
21166.000000	34.5	-13.7	39.5	74.0	V
22737.000000	35.4	-12.7	38.6	74.0	V
24172.000000	37.0	-12.2	37.0	74.0	V

Limit and Margin AV

- IIIII alla iii	u. g /				
Frequency (MHz)	Average (dB µ V/m)	Corr. (dB)	Margin (dB)	Limit (dB µ V/m)	Polarity
18741.000000	21.0	-14.4	33.0	54.0	V
21166.000000	22.8	-13.7	31.2	54.0	V
22737.000000	23.6	-12.7	30.4	54.0	V
24172.000000	25.0	-12.2	29.0	54.0	V



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Test Report No.

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

EMC32 Report

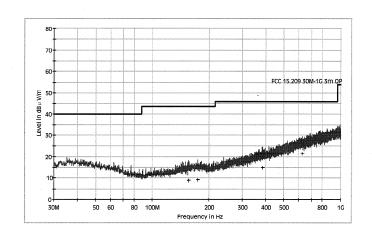
Test Information

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

Subrange 1 Frequency Range: Receiver:

Transducer:

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



Limit and Margin

Frequency (MHz)	QuasiPeak (dB µ V/m)	Corr. (dB)	Margin (dB)	Limit (dB µ V/m)	Polarity
155.850000	9.0	12.8	34.5	43.5	F
174.900000	9.4	13.5	34.1	43.5	F
385.150000	15.0	19.1	31.0	46.0	F
624.050000	21.6	24.5	24.4	46.0	-





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

EMC32 Report

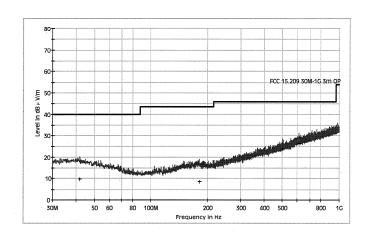
Test Information

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

Subrange 1 Frequency Range: Receiver:

Transducer:

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



Limit and Margin

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Frequency (MHz)	QuasiPeak (dB µ V/m)	Corr. (dB)	Margin (dB)	Limit (dB µ V/m)	Polarity				
41.900000	9.7	14.1	30.3	40.0	V				
180.700000	8.7	13.4	34.8	43.5	V				
501.100000	23.8	21.7	22.2	46.0	V				
610.250000	26.4	24.3	19.6	46.0	V				



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

EMC32 Report

Test Information

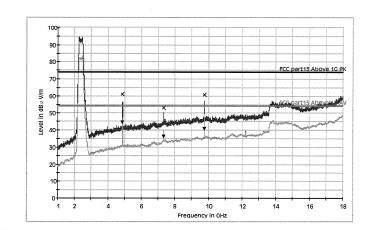
Manufacturer Name: Model Number: Operating Conditions: Comment:

Namtai SLEH-00089(MIC) TX_Middle channel Horizontal

Subrange 1 Frequency Range: Receiver:

Transducer:

1GHz - 18GHz TUV FSP 30 TUV SAC HF906 / TUV FSP 30-TUV SAC HF906



Limit and Margin PK

Frequency	MaxPeak	Margin	Limit	Polarity	Corr.				
(MHz)	(dB μ V/m)	⊥ V/m) (dB)	(dB μ V/m)		(dB)				
4882.000000	61.1	12.9	74.0	н	-5.2				
7322.500000	53.1	20.9	74.0	Н	-0.7				
9761.500000	60.5	13.5	74.0	Н	3.7				

Limit and Margin AV

Frequency (MHz)	Average (dB μ V/m)	Margin (dB)	Limit (dB µ V/m)	Polarity	Corr. (dB)
4882.000000	44.4	9.6	54.0	Н	-5.2
7322.500000	36.1	17.9	54.0	Н	-0.7
9761.500000	40.9	13.1	54.0	H	3.7



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Test Report No.

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

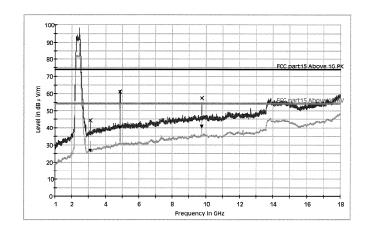
EMC32 Report

Test Information

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

Subrange 1 Frequency Range: Receiver: Transducer:

1GHz - 18GHz TUV FSP 30 TUV SAC HF906 / TUV FSP 30-TUV SAC HF906



Limit and Margin PK

Frequency (MHz)	MaxPeak (dB μ V/m)	Margin (dB)	Limit (dB µ V/m)	Polarity	Corr. (dB)
3095.000000	44.4	29.6	74.0	V	-9.7
4880.000000	61.0	13.0	74.0	V	-5.2
9764.000000	57.5	16.5	74.0	V	3.7

Limit and Margin AV

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Entite and marginizer							
Frequency	Average	Margin	Limit	Polarity	Corr.		
(MHz)	(dB µ V/m)	(dB)	(dB μ V/m)		(dB)		
3095.000000	26.8	27.2	54.0	V	-9.7		
4880.000000	40.0	14.0	54.0	V	-5.2		
9764.000000	40.8	13.2	54.0	V	3.7		

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

EMC32 Report

Test Information

Manufacturer Name: Model Number: Operating Conditions: Comment:

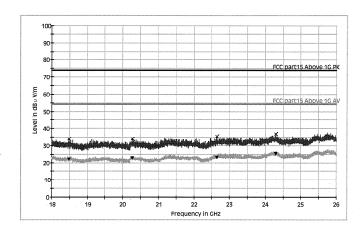
Namtai SLEH-00089(MIC) TX_Middle channel Horizontal

Subrange 1 Frequency Range: Receiver:

18GHz - 26GHz TUV FSP 30

Transducer:

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



Limit and Margin PK

Frequency	MaxPeak	Corr.	Margin	Limit	Polarity
(MHz)	(dB µ V/m)	(dB)	(dB)	(dB µ V/m)	
18491.000000	33.9	-14.4	40.1	74.0	Н
20267.000000	34.1	-13.9	39.9	74.0	Н
22643.000000	35.2	-12.7	38.8	74.0	H
24295.000000	36.8	-12.1	37.2	74.0	Н

Limit and Margin AV

Frequency (MHz)	Average (dB µ V/m)	Corr. (dB)	Margin (dB)	Limit (dB µ V/m)	Polarity
18491.000000	21.9	-14.4	32.1	54.0	Н
20267.000000	22.6	-13.9	31.4	54.0	H
22643.000000	23.1	-12.7	30.9	54.0	Н
24295.000000	25.2	-12.1	28.8	54.0	Н