

Prüfbericht - Nr.:
Test Report No.

16059572 001

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TUV Rheinland (Guangdong) Ltd.

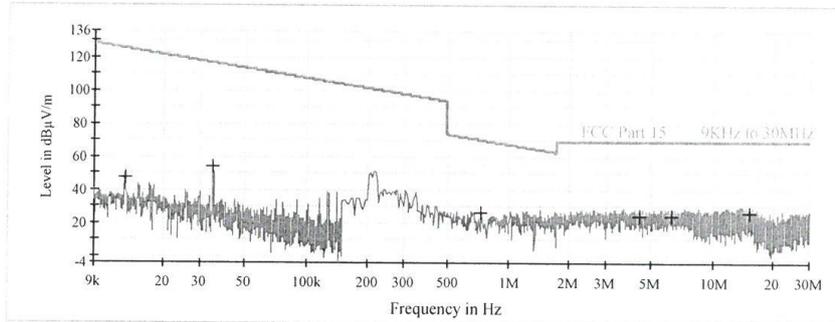
EMC Test Service Hotline: +86-20-28391188

EMC Test Record (Emission)

Common Information

Manufacturer: Seikaku
 Test Item: Wireless System
 Identification: DW-24P
 Test Standard: FCC Part 15.209
 Test Detail: RE
 Operation Mode: Tx @ Low channel
 Climate Condition: 23 °C; 50 %RH; 101 kPa.
 Test Voltage/ Freq: DC 3.0V
 Receipt No: 174019548
 Report No: 16059572 001
 Result: Pass
 Comment: Test distance is 3m, Vertical

Subrange 1
 Frequency Range: 9K-30MHz
 Receiver: TUV ESCI 3
 Transducer: TUV SAC HFH2-Z2/ TUV ESCI 3-TUV SAC HFH2-Z2



Limit and Margin QP

Frequency (MHz)	Average (dBµV/m)	QuasiPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Corr. (dB)	Margin (dB)	Limit (dBµV/m)
0.012840	47.5	/	1000.0	0.200	V	20.9	78.0	125.5
0.034920	54.5	/	1000.0	0.200	V	20.5	62.3	116.8
0.726000	/	26.7	1000.0	9.000	V	20.6	43.7	70.4
4.394000	/	24.4	1000.0	9.000	V	20.7	45.1	69.5
6.230000	/	24.6	1000.0	9.000	V	20.6	44.9	69.5
15.266000	/	26.9	1000.0	9.000	V	22.6	42.6	69.5

Sign-off Test Data



Date: 4/28/2014 - Time: 1:58:51

Tested by: _____ Reviewed by: _____

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TUV Rheinland (Guangdong) Ltd.

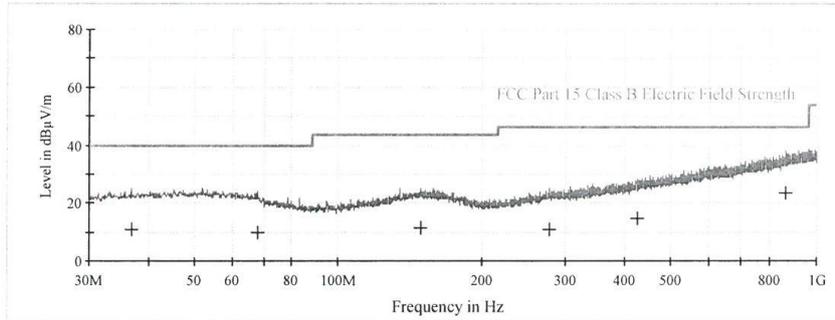
EMC Test Service Hotline: +86-20-28391188

EMC Test Record (Emission)

Common Information

Manufacturer: Seikaku
 Test Item: Wireless System
 Identification: DW-24H
 Test Standard: FCC Part 15.209
 Test Detail: RE
 Operation Mode: Tx @ High channel
 Climate Condition: 23°C ; 50 %RH; 101 kPa.
 Test Voltage/ Freq: DC 3.0V
 Receipt No: 174019548
 Report No: 16059572 001
 Result: Pass
 Comment: Test distance is 3m, Horizontal

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



Limit and Margin QP

Frequency (MHz)	QuasiPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
36.800000	10.9	1000.0	120.000	H	14.5	29.1	40.0
68.200000	9.5	1000.0	120.000	H	13.5	30.5	40.0
148.450000	11.5	1000.0	120.000	H	15.6	32.0	43.5
278.100000	10.9	1000.0	120.000	H	15.3	35.1	46.0
423.800000	14.5	1000.0	120.000	H	19.2	31.5	46.0
865.150000	23.4	1000.0	120.000	H	26.8	22.6	46.0

Sign-off Test Data



Date: 4/30/2014 - Time: 3:44:44

Tested by: _____ Reviewed by: _____

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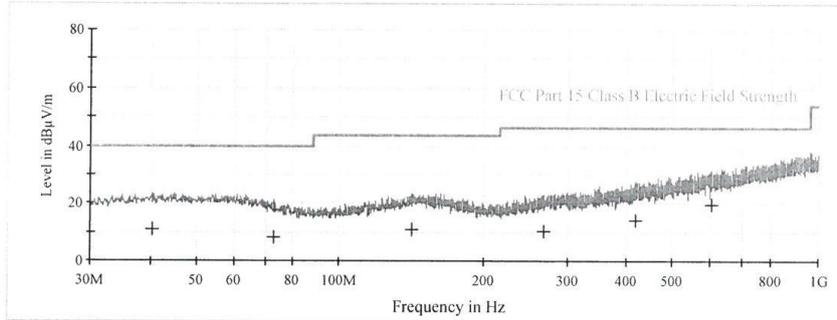
EMC Test Service Hotline: +86-20-28391188

EMC Test Record (Emission)

Common Information

Manufacturer: Seikaku
 Test Item: Wireless System
 Identification: DW-24H
 Test Standard: FCC Part 15.209
 Test Detail: RE
 Operation Mode: Tx @ High channel
 Climate Condition: 23°C ; 50 %RH; 101 kPa.
 Test Voltage/ Freq: DC 3.0V
 Receipt No: 174019548
 Report No: 16059572 001
 Result: Pass
 Comment: Test distance is 3m, Vertical

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



Limit and Margin QP

Frequency (MHz)	QuasiPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
40.550000	11.0	1000.0	120.000	V	14.8	29.0	40.0
73.150000	7.9	1000.0	120.000	V	12.6	32.1	40.0
141.450000	10.9	1000.0	120.000	V	15.0	32.6	43.5
267.150000	10.3	1000.0	120.000	V	14.9	35.7	46.0
416.200000	14.3	1000.0	120.000	V	18.9	31.7	46.0
605.450000	19.6	1000.0	120.000	V	23.1	26.4	46.0

Sign-off Test Data



Date: 4/30/2014 - Time: 3:47:55

Tested by: _____ Reviewed by: _____

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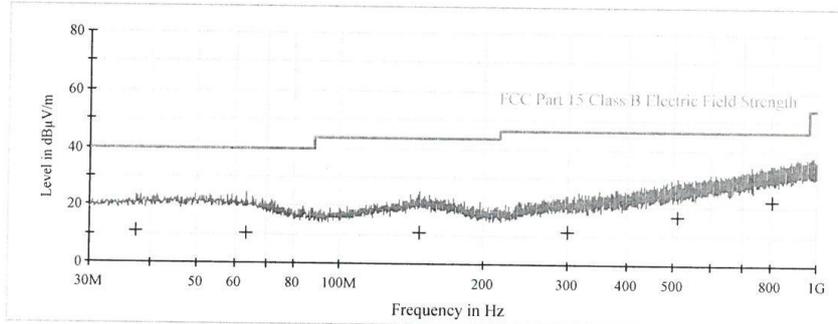
EMC Test Service Hotline: +86-20-28391188

EMC Test Record (Emission)

Common Information

Manufacturer: Seikaku
 Test Item: Wireless System
 Identification: DW-24H
 Test Standard: FCC Part 15.209
 Test Detail: RE
 Operation Mode: Tx @ Mid channel
 Climate Condition: 23°C ; 50 %RH; 101 kPa.
 Test Voltage/ Freq: DC 3.0V
 Receipt No: 174019548
 Report No: 16059572 001
 Result: Pass
 Comment: Test distance is 3m, Horizontal

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



Limit and Margin QP

Frequency (MHz)	QuasiPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
37.500000	10.7	1000.0	120.000	H	14.5	29.3	40.0
63.450000	10.3	1000.0	120.000	H	14.2	29.7	40.0
147.350000	10.9	1000.0	120.000	H	15.5	32.6	43.5
300.650000	11.5	1000.0	120.000	H	16.0	34.5	46.0
511.100000	16.7	1000.0	120.000	H	21.0	29.3	46.0
805.500000	22.3	1000.0	120.000	H	26.2	23.7	46.0

Sign-off Test Data



Date: 4/30/2014 - Time: 3:57:08

Tested by: _____ Reviewed by: _____

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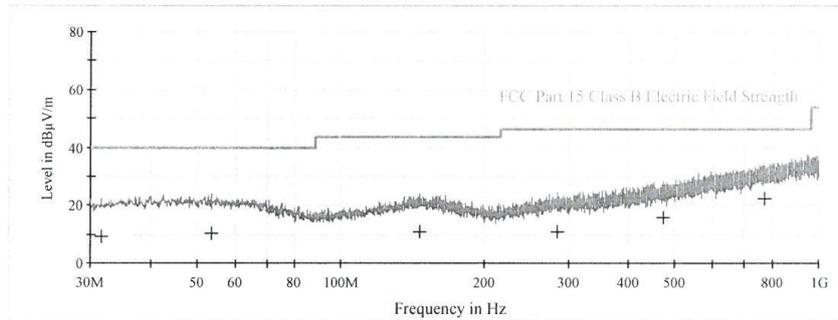
EMC Test Service Hotline: +86-20-28391188

EMC Test Record (Emission)

Common Information

Manufacturer: Seikaku
 Test Item: Wireless System
 Identification: DW-24H
 Test Standard: FCC Part 15.209
 Test Detail: RE
 Operation Mode: Tx @ Mid channel
 Climate Condition: 23°C ; 50 %RH; 101 kPa.
 Test Voltage/ Freq: DC 3.0V
 Receipt No: 174019548
 Report No: 16059572 001
 Result: Pass
 Comment: Test distance is 3m, Vertical

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



Limit and Margin QP

Frequency (MHz)	QuasiPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
31.600000	9.1	1000.0	120.000	V	13.8	30.9	40.0
53.500000	10.2	1000.0	120.000	V	14.9	29.8	40.0
146.150000	11.0	1000.0	120.000	V	15.4	32.5	43.5
284.250000	11.1	1000.0	120.000	V	15.6	34.9	46.0
472.200000	15.8	1000.0	120.000	V	20.2	30.2	46.0
772.900000	22.1	1000.0	120.000	V	25.9	23.9	46.0

Sign-off Test Data



Date: 4/30/2014 - Time: 4:16:18

Tested by: _____ Reviewed by: _____

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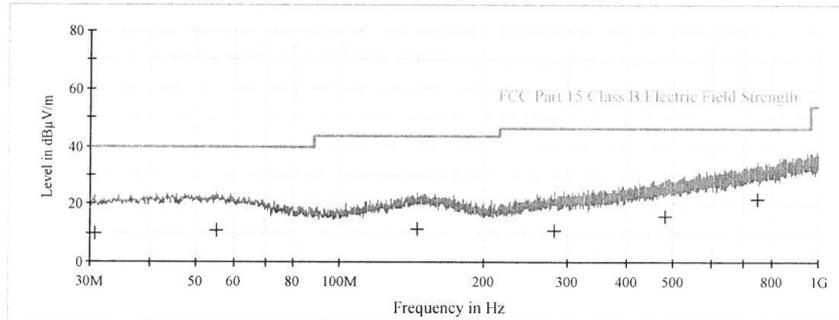
EMC Test Service Hotline: +86-20-28391188

EMC Test Record (Emission)

Common Information

Manufacturer: Seikaku
 Test Item: Wireless System
 Identification: DW-24H
 Test Standard: FCC Part 15.209
 Test Detail: RE
 Operation Mode: Tx @ Low channel
 Climate Condition: 23°C ; 50 %RH; 101 kPa.
 Test Voltage/ Freq: DC 3.0V
 Receipt No: 174019548
 Report No: 16059572 001
 Result: Pass
 Comment: Test distance is 3m, Horizontal

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



Limit and Margin QP

Frequency (MHz)	QuasiPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
30.600000	9.7	1000.0	120.000	H	13.7	30.3	40.0
55.350000	11.0	1000.0	120.000	H	14.9	29.0	40.0
144.800000	11.3	1000.0	120.000	H	15.3	32.2	43.5
281.950000	11.1	1000.0	120.000	H	15.5	34.9	46.0
479.100000	16.0	1000.0	120.000	H	20.3	30.0	46.0
745.250000	21.8	1000.0	120.000	H	25.6	24.2	46.0

Sign-off Test Data



Date: 4/30/2014 - Time: 3:52:45

Tested by: _____ Reviewed by: _____

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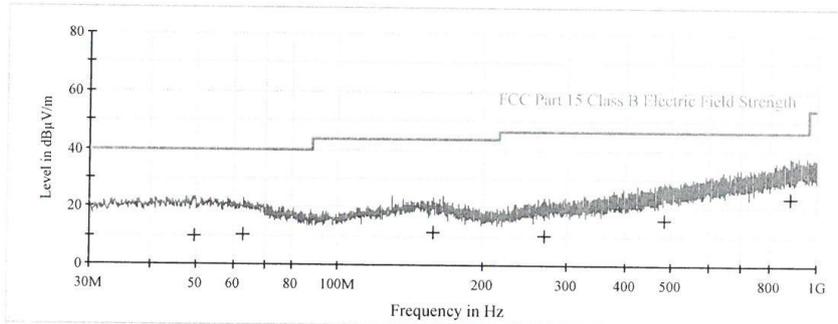
EMC Test Service Hotline: +86-20-28391188

EMC Test Record (Emission)

Common Information

Manufacturer: Seikaku
 Test Item: Wireless System
 Identification: DW-24H
 Test Standard: FCC Part 15.209
 Test Detail: RE
 Operation Mode: Tx @ Low channel
 Climate Condition: 23°C ; 50 %RH; 101 kPa.
 Test Voltage/ Freq: DC 3.0V
 Receipt No: 174019548
 Report No: 16059572 001
 Result: Pass
 Comment: Test distance is 3m, Vertical

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



Limit and Margin QP

Frequency (MHz)	QuasiPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
49.900000	10.1	1000.0	120.000	V	15.0	29.9	40.0
63.000000	10.4	1000.0	120.000	V	14.2	29.6	40.0
157.800000	11.4	1000.0	120.000	V	15.6	32.1	43.5
269.700000	10.4	1000.0	120.000	V	15.0	35.6	46.0
484.700000	16.0	1000.0	120.000	V	20.4	30.0	46.0
886.050000	23.5	1000.0	120.000	V	27.1	22.5	46.0

Sign-off Test Data

YJX
2014-05-04
Checked

YJX
2014-05-05
Checked

Date: 4/30/2014 - Time: 3:50:34

Tested by: _____ Reviewed by: _____

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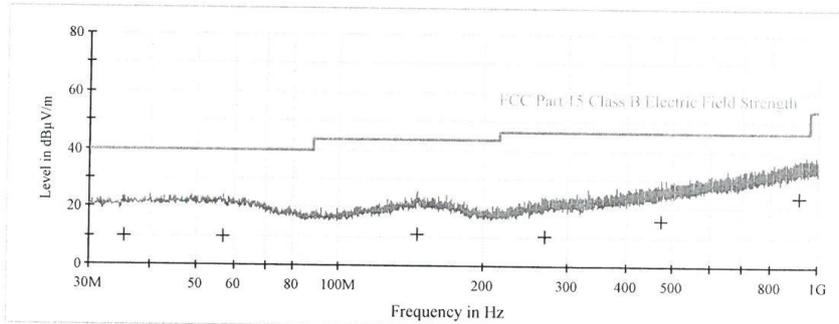
EMC Test Service Hotline: +86-20-28391188

EMC Test Record (Emission)

Common Information

Manufacturer: Seikaku
 Test Item: Wireless System
 Identification: DW-24P
 Test Standard: FCC Part 15.209
 Test Detail: RE
 Operation Mode: Tx @ High channel
 Climate Condition: 23°C ; 50 %RH; 101 kPa.
 Test Voltage/ Freq: DC 3.0V
 Receipt No: 174019548
 Report No: 16059572 001
 Result: Pass
 Comment: Test distance is 3m, Horizontal

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



Limit and Margin QP

Frequency (MHz)	QuasiPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
35.600000	9.7	1000.0	120.000	H	14.4	30.3	40.0
57.050000	10.1	1000.0	120.000	H	14.8	29.9	40.0
145.900000	11.1	1000.0	120.000	H	15.4	32.4	43.5
269.700000	10.6	1000.0	120.000	H	15.0	35.4	46.0
472.300000	15.8	1000.0	120.000	H	20.2	30.2	46.0
917.050000	23.9	1000.0	120.000	H	27.9	22.1	46.0

Sign-off Test Data



Date: 4/30/2014 - Time: 4:22:50

Tested by: _____ Reviewed by: _____

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TUV Rheinland (Guangdong) Ltd.

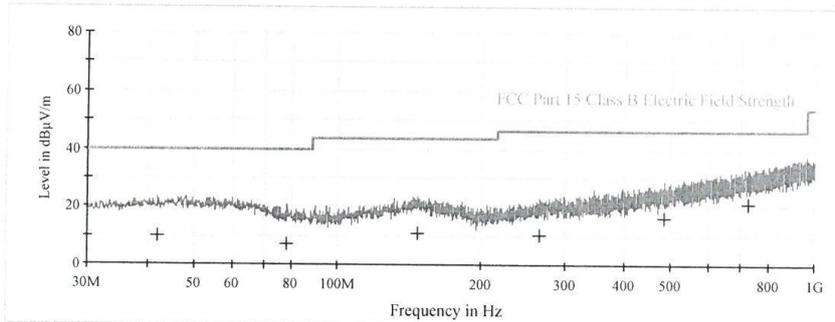
EMC Test Service Hotline: +86-20-28391188

EMC Test Record (Emission)

Common Information

Manufacturer: Seikaku
 Test Item: Wireless System
 Identification: DW-24P
 Test Standard: FCC Part 15.209
 Test Detail: RE
 Operation Mode: Tx @ High channel
 Climate Condition: 23°C ; 50 %RH; 101 kPa.
 Test Voltage/ Freq: DC 3.0V
 Receipt No: 174019548
 Report No: 16059572 001
 Result: Pass
 Comment: Test distance is 3m, Vertical

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



Limit and Margin QP

Frequency (MHz)	QuasiPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
42.000000	9.9	1000.0	120.000	V	14.8	30.1	40.0
78.400000	7.3	1000.0	120.000	V	11.7	32.7	40.0
147.150000	11.0	1000.0	120.000	V	15.5	32.5	43.5
265.350000	10.2	1000.0	120.000	V	14.8	35.8	46.0
482.150000	16.1	1000.0	120.000	V	20.4	29.9	46.0
724.300000	21.4	1000.0	120.000	V	25.0	24.6	46.0

Sign-off Test Data



Date: 4/30/2014 - Time: 4:20:34

Tested by: _____ Reviewed by: _____

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TUV Rheinland (Guangdong) Ltd.

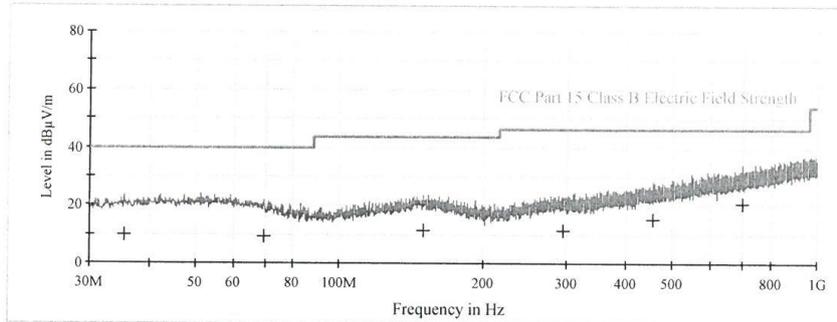
EMC Test Service Hotline: +86-20-28391188

EMC Test Record (Emission)

Common Information

Manufacturer: Seikaku
 Test Item: Wireless System
 Identification: DW-24P
 Test Standard: FCC Part 15.209
 Test Detail: RE
 Operation Mode: Tx @ Mid channel
 Climate Condition: 23°C ; 50 %RH; 101 kPa.
 Test Voltage/ Freq: DC 3.0V
 Receipt No: 174019548
 Report No: 16059572 001
 Result: Pass
 Comment: Test distance is 3m, Horizontal

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



Limit and Margin QP

Frequency (MHz)	QuasiPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
35.450000	9.6	1000.0	120.000	H	14.4	30.4	40.0
69.750000	9.4	1000.0	120.000	H	13.2	30.6	40.0
149.300000	11.5	1000.0	120.000	H	15.6	32.0	43.5
295.150000	11.4	1000.0	120.000	H	15.8	34.6	46.0
455.200000	15.4	1000.0	120.000	H	19.9	30.6	46.0
697.600000	20.8	1000.0	120.000	H	24.4	25.2	46.0

Sign-off Test Data



Date: 4/30/2014 - Time: 4:25:08

Tested by: _____ Reviewed by: _____

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TUV Rheinland (Guangdong) Ltd.

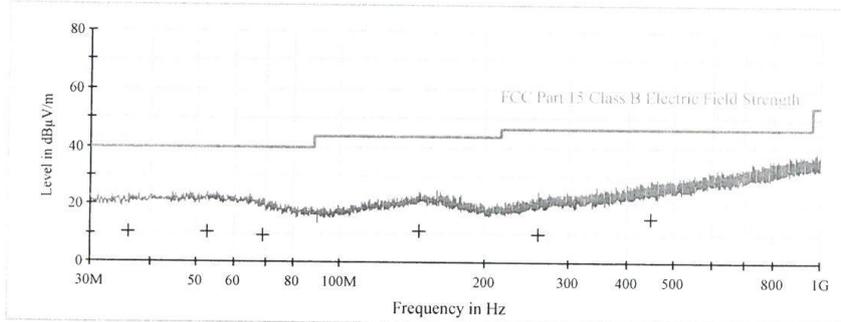
EMC Test Service Hotline: +86-20-28391188

EMC Test Record (Emission)

Common Information

Manufacturer: Seikaku
 Test Item: Wireless System
 Identification: DW-24P
 Test Standard: FCC Part 15.209
 Test Detail: RE
 Operation Mode: Tx @ Mid channel
 Climate Condition: 23°C ; 50 %RH; 101 kPa.
 Test Voltage/ Freq: DC 3.0V
 Receipt No: 174019548
 Report No: 16059572 001
 Result: Pass
 Comment: Test distance is 3m, Vertical

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



Limit and Margin QP

Frequency (MHz)	QuasiPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
36.050000	10.3	1000.0	120.000	V	14.4	29.7	40.0
53.050000	10.3	1000.0	120.000	V	15.0	29.7	40.0
69.050000	9.0	1000.0	120.000	V	13.3	31.0	40.0
146.050000	11.0	1000.0	120.000	V	15.4	32.5	43.5
259.550000	10.0	1000.0	120.000	V	14.6	36.0	46.0
449.150000	15.3	1000.0	120.000	V	19.8	30.7	46.0

Sign-off Test Data



Date: 4/30/2014 - Time: 4:29:20

Tested by: _____ Reviewed by: _____

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TUV Rheinland (Guangdong) Ltd.

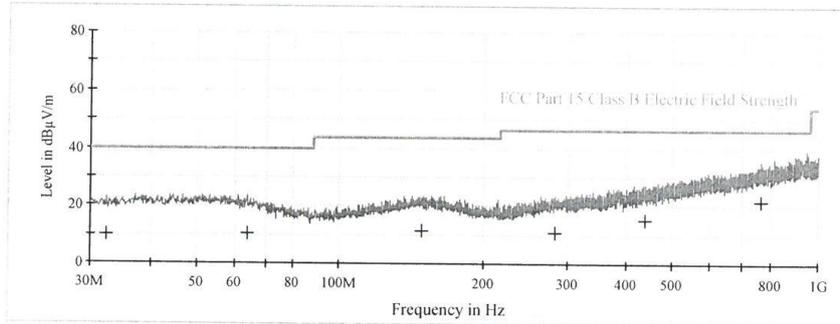
EMC Test Service Hotline: +86-20-28391188

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Common Information

Manufacturer: Seikaku
 Test Item: Wireless System
 Identification: DW-24P
 Test Standard: FCC Part 15.209
 Test Detail: RE
 Operation Mode: Tx @ Low channel
 Climate Condition: 23°C ; 50 %RH; 101 kPa.
 Test Voltage/ Freq: DC 3.0V
 Receipt No: 174019548
 Report No: 16059572 001
 Result: Pass
 Comment: Test distance is 3m, Horizontal

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



Limit and Margin QP

Frequency (MHz)	QuasiPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
32.450000	9.9	1000.0	120.000	H	13.9	30.1	40.0
63.850000	10.1	1000.0	120.000	H	14.1	29.9	40.0
148.950000	11.6	1000.0	120.000	H	15.6	31.9	43.5
283.550000	11.1	1000.0	120.000	H	15.6	34.9	46.0
438.850000	15.2	1000.0	120.000	H	19.6	30.8	46.0
763.550000	22.0	1000.0	120.000	H	25.8	24.0	46.0

Sign-off Test Data

Date: 4/30/2014 - Time: 4:27:08

Tested by:  Reviewed by: 

Prüfbericht - Nr.:
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TUV Rheinland (Guangdong) Ltd.

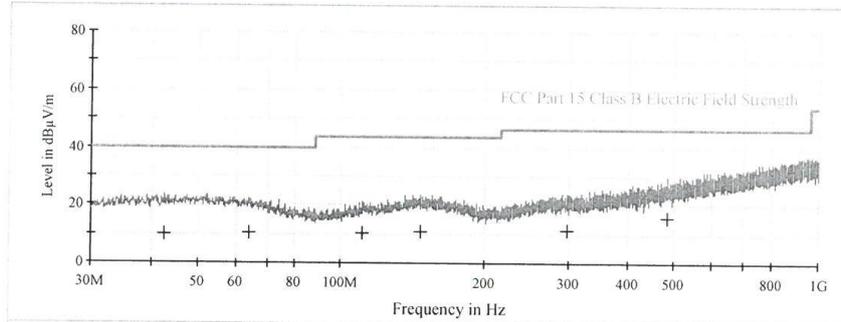
EMC Test Service Hotline: +86-20-28391188

EMC Test Record (Emission)

Common Information

Manufacturer: Seikaku
 Test Item: Wireless System
 Identification: DW-24P
 Test Standard: FCC Part 15.209
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 Operation Mode: Tx @ Low channel
 Climate Condition: 23°C ; 50 %RH; 101 kPa.
 Test Voltage/ Freq: DC 3.0V
 Receipt No: 174019548
 Report No: 16059572 001
 Result: Pass
 Comment: Test distance is 3m, Vertical

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



Limit and Margin QP

Frequency (MHz)	QuasiPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
42.750000	10.0	1000.0	120.000	V	14.9	30.0	40.0
63.850000	10.2	1000.0	120.000	V	14.1	29.8	40.0
110.850000	10.2	1000.0	120.000	V	12.3	33.3	43.5
147.600000	11.1	1000.0	120.000	V	15.5	32.4	43.5
297.700000	11.5	1000.0	120.000	V	15.9	34.5	46.0
481.800000	16.0	1000.0	120.000	V	20.4	30.0	46.0

Sign-off Test Data



Date: 4/30/2014 - Time: 4:31:40

Tested by: _____ Reviewed by: _____

Prüfbericht - Nr.:
Test Report No.

16059572 001

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TUV Rheinland (Guangdong) Ltd.

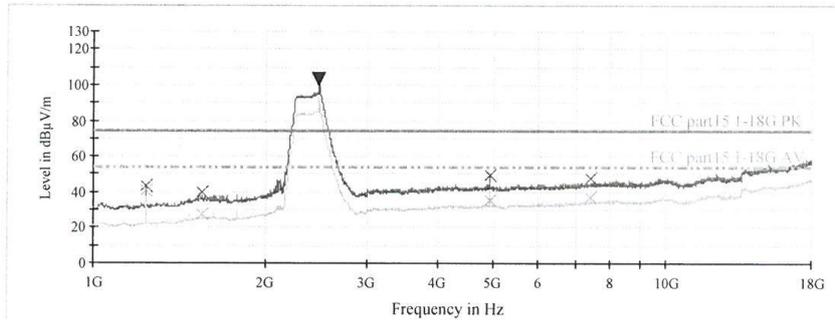
EMC Test Service Hotline: +86-20-28391188

EMC Test Record (Emission)

Common Information

Manufacturer: Seikaku
 Test Item: Wireless System
 Identification: DW-24H
 Test Standard: FCC Part 15.209
 Test Detail: RE
 Operation Mode: Tx @ High channel
 Climate Condition: 23°C ; 50 %RH; 101 kPa.
 Test Voltage/ Freq: DC 3.0V
 Receipt No: 174019548
 Report No: 16059572 001
 Result: Pass
 Comment: Test distance is 3m, Horizontal

Subrange 1
 Frequency Range: 1GHz-18GHz
 Receiver: TUV FSP30
 Transducer: TUV SAC HF907/ TUV FSP30-TUV SAC HF907



Limit and Margin PK

Frequency (MHz)	MaxPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1236.000000	43.3	1000.0	1000.000	H	-14.4	30.7	74.0
1544.000000	40.2	1000.0	1000.000	H	-11.8	33.8	74.0
4942.000000	49.8	1000.0	1000.000	H	-3.3	24.2	74.0
7415.000000	47.5	1000.0	1000.000	H	0.1	26.5	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1236.000000	40.3	1000.0	1000.000	H	-14.4	13.7	54.0
1544.000000	27.5	1000.0	1000.000	H	-11.8	26.5	54.0
4942.000000	35.7	1000.0	1000.000	H	-3.3	18.3	54.0
7415.000000	37.3	1000.0	1000.000	H	0.1	16.7	54.0

Sign-off Test Data

YJX
2014-05-04
Checked

HCP
2014-05-05
Checked

Date: 4/23/2014 - Time: 6:19:47

Tested by: _____ Reviewed by: _____

Prüfbericht - Nr.:
Test Report No.

16059572 001

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TUV Rheinland (Guangdong) Ltd.

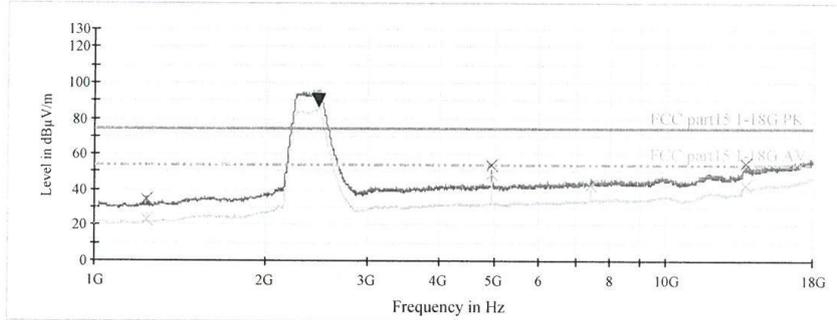
EMC Test Service Hotline: +86-20-28391188

EMC Test Record (Emission)

Common Information

Manufacturer: Seikaku
 Test Item: Wireless System
 Identification: DW-24H
 Test Standard: FCC Part 15.209
 Test Detail: RE
 Operation Mode: Tx @ High channel
 Climate Condition: 23°C ; 50 %RH; 101 kPa.
 Test Voltage/ Freq: DC 3.0V
 Receipt No: 174019548
 Report No: 16059572 001
 Result: Pass
 Comment: Test distance is 3m, Vertical

Subrange 1
 Frequency Range: 1GHz-18GHz
 Receiver: TUV FSP30
 Transducer: TUV SAC HF907/ TUV FSP30-TUV SAC HF907



Limit and Margin PK

Frequency (MHz)	MaxPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV)
1236.000000	34.3	1000.0	1000.000	V	-14.4	39.7	74.0
4944.000000	53.9	1000.0	1000.000	V	-3.3	20.1	74.0
13780.000000	55.1	1000.0	1000.000	V	4.7	18.9	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV)
1236.000000	23.0	1000.0	1000.000	V	-14.4	31.0	54.0
4944.000000	48.6	1000.0	1000.000	V	-3.3	5.4	54.0
13780.000000	42.5	1000.0	1000.000	V	4.7	11.5	54.0

Date: 4/23/2014 - Time: 6:13:14

Tested by: _____ Reviewed by: _____



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Test Report No.

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TUV Rheinland (Guangdong) Ltd.

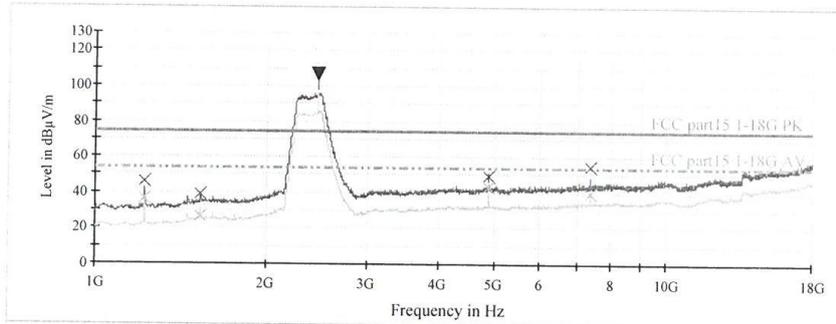
EMC Test Service Hotline: +86-20-28391188

EMC Test Record (Emission)

Common Information

Manufacturer: Seikaku
 Test Item: Wireless System
 Identification: DW-24H
 Test Standard: FCC Part 15.209
 Test Detail: RE
 Operation Mode: Tx @ Mid channel
 Climate Condition: 23°C ; 50 %RH; 101 kPa.
 Test Voltage/ Freq: DC 3.0V
 Receipt No: 174019548
 Report No: 16059572 001
 Result: Pass
 Comment: Test distance is 3m, Horizontal

Subrange 1
 Frequency Range: 1GHz-18GHz
 Receiver: TUV FSP30
 Transducer: TUV SAC HF907/ TUV FSP30-TUV SAC HF907



Limit and Margin PK

Frequency (MHz)	MaxPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1223.000000	46.3	1000.0	1000.000	H	-14.5	27.7	74.0
1529.000000	39.1	1000.0	1000.000	H	-12.0	34.9	74.0
4895.000000	49.8	1000.0	1000.000	H	-3.5	24.2	74.0
7343.000000	54.6	1000.0	1000.000	H	-0.3	19.4	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1223.000000	35.9	1000.0	1000.000	H	-14.5	18.1	54.0
1529.000000	26.8	1000.0	1000.000	H	-12.0	27.2	54.0
4895.000000	43.2	1000.0	1000.000	H	-3.5	10.8	54.0
7343.000000	40.1	1000.0	1000.000	H	-0.3	13.9	54.0



Date: 4/23/2014 - Time: 6:34:46

Tested by: _____ Reviewed by: _____

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Test Report No.

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TUV Rheinland (Guangdong) Ltd.

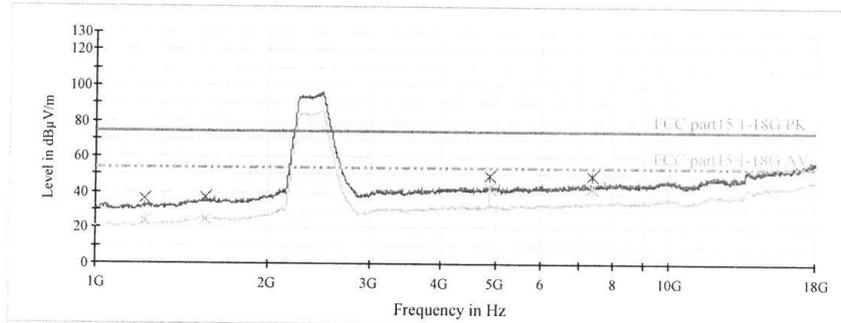
EMC Test Service Hotline: +86-20-28391188

EMC Test Record (Emission)

Common Information

Manufacturer: Seikaku
 Test Item: Wireless System
 Identification: DW-24H
 Test Standard: FCC Part 15.209
 Test Detail: RE
 Operation Mode: Tx @ Mid channel
 Climate Condition: 23°C ; 50 %RH; 101 kPa.
 Test Voltage/ Freq: DC 3.0V
 Receipt No: 174019548
 Report No: 16059572 001
 Result: Pass
 Comment: Test distance is 3m, Vertical

Subrange 1
 Frequency Range: 1GHz-18GHz
 Receiver: TUV FSP30
 Transducer: TUV SAC HF907/ TUV FSP30-TUV SAC HF907



Limit and Margin PK

Frequency (MHz)	MaxPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1223.000000	36.1	1000.0	1000.000	V	-14.5	37.9	74.0
1557.000000	37.4	1000.0	1000.000	V	-11.7	36.6	74.0
4895.000000	49.1	1000.0	1000.000	V	-3.5	24.9	74.0
7343.000000	49.8	1000.0	1000.000	V	-0.3	24.2	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1223.000000	24.3	1000.0	1000.000	V	-14.5	29.7	54.0
1557.000000	25.2	1000.0	1000.000	V	-11.7	28.8	54.0
4895.000000	42.1	1000.0	1000.000	V	-3.5	11.9	54.0
7343.000000	42.4	1000.0	1000.000	V	-0.3	11.6	54.0



Date: 4/23/2014 - Time: 6:54:05

Tested by: _____ Reviewed by: _____

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Test Report No.

16059572 001

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TUV Rheinland (Guangdong) Ltd.

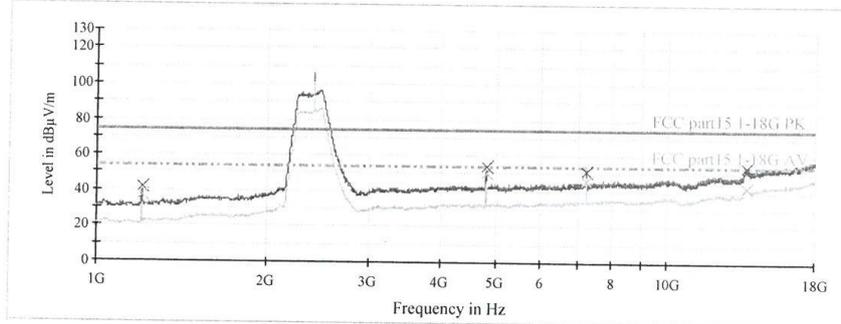
EMC Test Service Hotline: +86-20-28391188

EMC Test Record (Emission)

Common Information

Manufacturer: Seikaku
 Test Item: Wireless System
 Identification: DW-24H
 Test Standard: FCC Part 15.209
 Test Detail: RE
 Operation Mode: Tx @ Low channel
 Climate Condition: 23°C ; 50 %RH; 101 kPa.
 Test Voltage/ Freq: DC 3.0V
 Receipt No: 174019548
 Report No: 16059572 001
 Result: Pass
 Comment: Test distance is 3m, Horizontal

Subrange 1
 Frequency Range: 1GHz-18GHz
 Receiver: TUV FSP30
 Transducer: TUV SAC HF907/ TUV FSP30-TUV SAC HF907



Limit and Margin PK

Frequency (MHz)	MaxPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/)
1202.000000	41.2	1000.0	1000.000	H	-14.5	32.8	74.0
4808.000000	53.8	1000.0	1000.000	H	-3.7	20.2	74.0
7211.000000	51.4	1000.0	1000.000	H	0.1	22.6	74.0
13756.000000	54.2	1000.0	1000.000	H	4.6	19.8	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/)
1202.000000	37.1	1000.0	1000.000	H	-14.5	16.9	54.0
4808.000000	50.8	1000.0	1000.000	H	-3.7	3.2	54.0
7211.000000	45.7	1000.0	1000.000	H	0.1	8.3	54.0
13756.000000	42.5	1000.0	1000.000	H	4.6	11.5	54.0

Date: 4/23/2014 - Time: 8:05:21

Tested by: _____ Reviewed by: _____



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TUV Rheinland (Guangdong) Ltd.

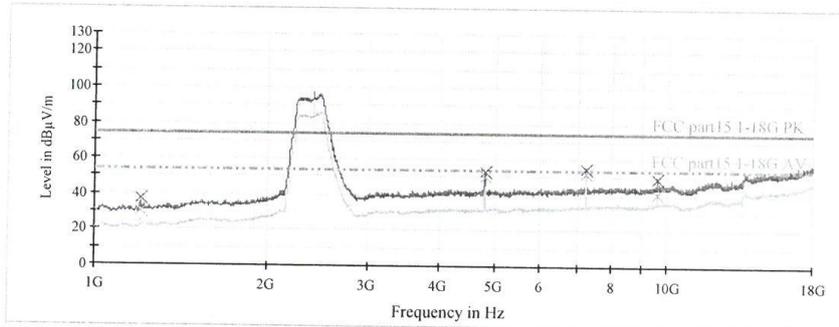
EMC Test Service Hotline: +86-20-28391188

EMC Test Record (Emission)

Common Information

Manufacturer: Seikaku
 Test Item: Wireless System
 Identification: DW-24H
 Test Standard: FCC Part 15.209
 Test Detail: RE
 Operation Mode: Tx @ Low channel
 Climate Condition: 23°C ; 50 %RH; 101 kPa.
 Test Voltage/ Freq: DC 3.0V
 Receipt No: 174019548
 Report No: 16059572 001
 Result: Pass
 Comment: Test distance is 3m, Vertical

Subrange 1
 Frequency Range: 1GHz-18GHz
 Receiver: TUV FSP30
 Transducer: TUV SAC HF907/ TUV FSP30-TUV SAC HF907



Limit and Margin PK

Frequency (MHz)	MaxPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1202.000000	37.2	1000.0	1000.000	V	-14.5	36.8	74.0
4808.000000	53.4	1000.0	1000.000	V	-3.7	20.6	74.0
7211.000000	55.0	1000.0	1000.000	V	0.1	19.0	74.0
9615.000000	49.7	1000.0	1000.000	V	4.2	24.3	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1202.000000	30.2	1000.0	1000.000	V	-14.5	23.8	54.0
4808.000000	50.1	1000.0	1000.000	V	-3.7	3.9	54.0
7211.000000	51.9	1000.0	1000.000	V	0.1	2.1	54.0
9615.000000	40.3	1000.0	1000.000	V	4.2	13.7	54.0



Date: 4/23/2014 - Time: 9:50:10

Tested by: _____ Reviewed by: _____

Prüfbericht - Nr.:
Test Report No.

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TUV Rheinland (Guangdong) Ltd.

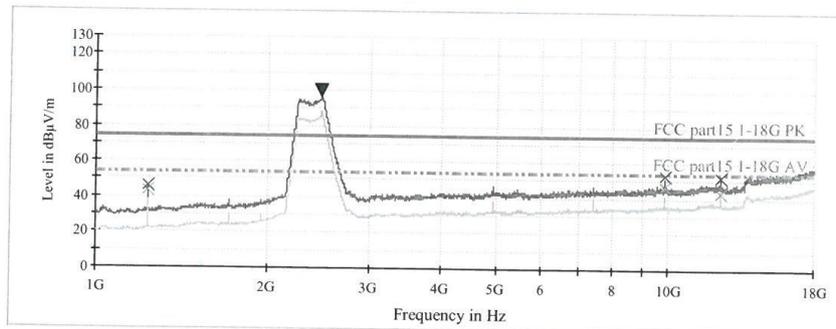
EMC Test Service Hotline: +86-20-28391188

EMC Test Record (Emission)

Common Information

Manufacturer: Seikaku
 Test Item: Wireless System
 Identification: DW-24P
 Test Standard: FCC Part 15.209
 Test Detail: RE
 Operation Mode: Tx @ High channel
 Climate Condition: 23°C ; 50 %RH; 101 kPa.
 Test Voltage/ Freq: DC 3.0V
 Receipt No: 174019548
 Report No: 16059572 001
 Result: Pass
 Comment: Test distance is 3m, Horizontal

Subrange 1
 Frequency Range: 1GHz-18GHz
 Receiver: TUV FSP30
 Transducer: TUV SAC HF907/ TUV FSP30-TUV SAC HF907



Limit and Margin PK

Frequency (MHz)	MaxPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Azimuth (deg)	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV)
1236.000000	45.9	1000.0	1000.000	H	0.0	-14.4	28.1	74.0
9887.000000	53.0	1000.0	1000.000	H	24.0	4.6	21.0	74.0
12360.000000	52.5	1000.0	1000.000	H	269.0	3.9	21.5	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Azimuth (deg)	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV)
1236.000000	43.6	1000.0	1000.000	H	0.0	-14.4	10.4	54.0
9887.000000	47.0	1000.0	1000.000	H	24.0	4.6	7.0	54.0
12360.000000	43.7	1000.0	1000.000	H	269.0	3.9	10.3	54.0

Sign-off Test Data

YJX
2014-05-29
Checked

HCH
2014-06-05
Checked

Date: 5/29/2014 - Time: 2:35:55

Tested by: _____ Reviewed by: _____

Prüfbericht - Nr.:
Test Report No.

16059572 001

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TUV Rheinland (Guangdong) Ltd.

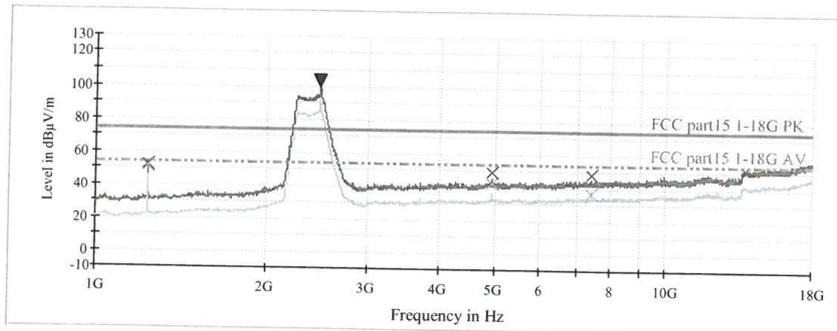
EMC Test Service Hotline: +86-20-28391188

EMC Test Record (Emission)

Common Information

Manufacturer: Seikaku
 Test Item: Wireless System
 Identification: DW-24P
 Test Standard: FCC Part 15.209
 Test Detail: RE
 Operation Mode: Tx @ High channel
 Climate Condition: 23°C ; 50 %RH; 101 kPa.
 Test Voltage/ Freq: DC 3.0V
 Receipt No: 174019548
 Report No: 16059572 001
 Result: Pass
 Comment: Test distance is 3m, Vertical

Subrange 1
 Frequency Range: 1GHz-18GHz
 Receiver: TUV FSP30
 Transducer: TUV SAC HF907/ TUV FSP30-TUV SAC HF907



Limit and Margin PK

Frequency (MHz)	MaxPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
1236.000000	52.3	1000.0	1000.000	V	-14.4	21.7	74.0
4944.000000	48.9	1000.0	1000.000	V	-3.3	25.1	74.0
7415.000000	47.7	1000.0	1000.000	V	0.1	26.3	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Azimuth (deg)	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
1236.000000	51.4	1000.0	1000.000	V	318.0	-14.4	2.6	54.0
4944.000000	42.4	1000.0	1000.000	V	0.0	-3.3	11.6	54.0
7415.000000	36.6	1000.0	1000.000	V	0.0	0.1	17.4	54.0



Date: 5/29/2014 - Time: 2:29:43

Tested by: _____ Reviewed by: _____