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50141724 001

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBμV/m)	Comment
1240.000000	30.8	1000.0	1000.000	V	-19.0	49.2	74.0	
1523.000000	31.7	1000.0	1000.000	V	-17.9	42.3	74.0	
4959.000000	43.8	1000.0	1000.000	V	-7.7	30.2	74.0	
7441.000000	41.1	1000.0	1000.000	V	-5.2	32.9	74.0	
13746.000000	51.3	1000.0	1000.000	V	3.4	22.7	74.0	
17911.000000	54.8	1000.0	1000.000	V	10.1	19.2	74.0	

Limit and Margin AV

Frequency (MHz)	Average (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBμV/m)	Comment
1240.000000	18.4	1000.0	1000.000	V	-19.0	35.6	54.0	
1523.000000	19.8	1000.0	1000.000	V	-17.9	34.2	54.0	
4959.000000	36.1	1000.0	1000.000	V	-7.7	17.9	54.0	
7441.000000	29.5	1000.0	1000.000	V	-5.2	24.5	54.0	
13746.000000	38.7	1000.0	1000.000	V	3.4	15.3	54.0	
17911.000000	42.7	1000.0	1000.000	V	10.1	11.3	54.0	

Tested by:

Jacky Chen

Reviewed by: _____

20180113

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

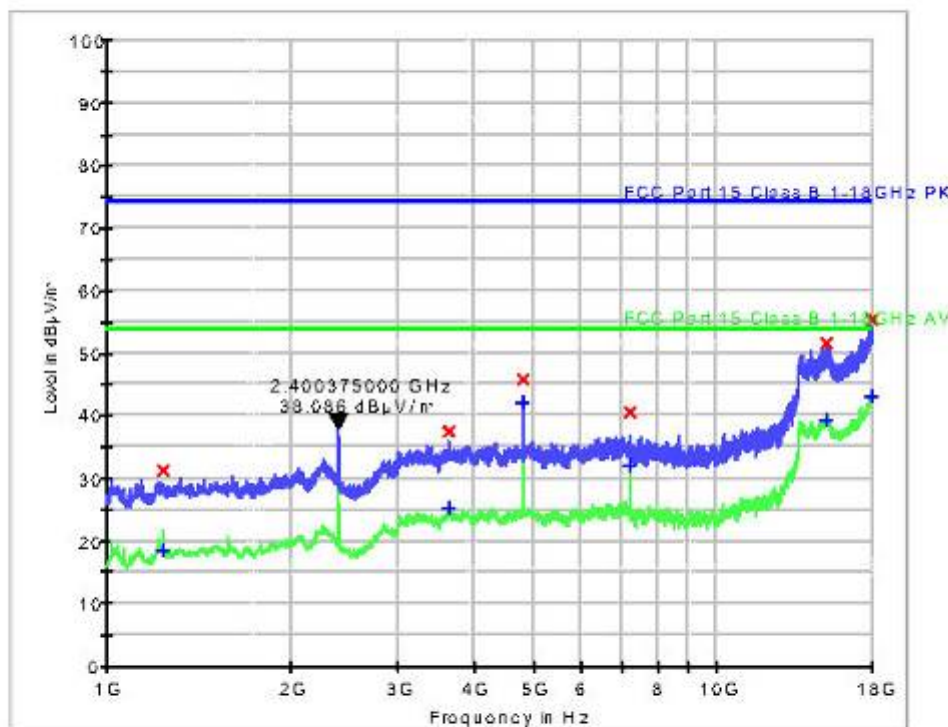
EMC Test Record (Emission)

Common Information

Manufacturer:	Seikaku
Test Item:	Mixer
Identification:	LD mixer 102A G3
Test Standard:	FCC Part 15
Test Detail:	Radiated Emission
Operation Mode:	Transmitting(BDR-Low)
Climate Condition:	21 °C, 51 %, 100 kPa
Test Voltage/ Freq:	AC 120V / 60Hz
Receipt No:	174071875
Report No:	/
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

EM CTT_EREFO11-A02-07_1GHz-18GHz_With PicAMP EXT& Notch filter



Tested by: *Jacky Chen* Reviewed by: _____
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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)	Comment
1240.000000	31.2	1000.0	1000.000	H	-19.0	42.8	74.0	
3533.000000	37.4	1000.0	1000.000	H	-10.7	35.6	74.0	
4804.000000	45.7	1000.0	1000.000	H	-7.8	28.3	74.0	
7205.000000	40.5	1000.0	1000.000	H	-4.8	33.5	74.0	
15191.000000	51.6	1000.0	1000.000	H	5.6	22.4	74.0	
17955.000000	55.3	1000.0	1000.000	H	10.4	18.7	74.0	

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - AV/G (dB)	Limit - AV/G (dBµV/m)	Comment
1240.000000	18.5	1000.0	1000.000	H	-19.0	35.5	54.0	
3533.000000	25.2	1000.0	1000.000	H	-10.7	28.8	54.0	
4804.000000	42.0	1000.0	1000.000	H	-7.8	12.0	54.0	
7205.000000	32.1	1000.0	1000.000	H	-4.8	22.0	54.0	
15191.000000	39.4	1000.0	1000.000	H	5.6	14.7	54.0	
17955.000000	43.1	1000.0	1000.000	H	10.4	10.9	54.0	

Tested by: Jacky Chen Reviewed by: _____
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EMC Test Service Hotline: +86-20-28391188

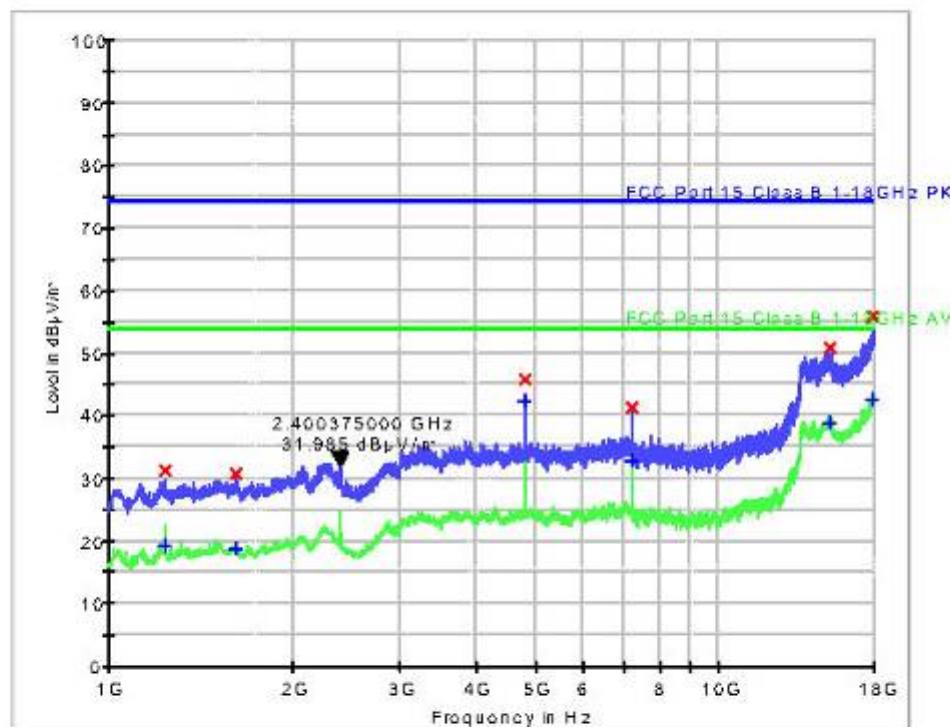
EMC Test Record (Emission)

Common Information

Manufacturer:	Seikaku
Test Item:	Mixer
Identification:	LD mixer 102A G3
Test Standard:	FCC Part 15
Test Detail:	Radiated Emission
Operation Mode:	Transmitting(BDR-Low)
Climate Condition:	21 °C, 51 %, 100 kPa
Test Voltage/ Freq:	AC 120V / 60Hz
Receipt No:	174071875
Report No:	/
Result:	Pass
Comment:	Test distance is 3m, Vertical

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

EM CTT_EREFO11-A02-07_1GHz-18GHz_With PreAMP EXT& Notch filter



Tested by:

Jacky Chen

Reviewed by: _____

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBμV/m)	Comment
1240.000000	31.2	1000.0	1000.000	V	-19.0	42.8	74.0	
1623.000000	30.7	1000.0	1000.000	V	-17.3	49.3	74.0	
4804.000000	45.9	1000.0	1000.000	V	-7.8	28.1	74.0	
7207.000000	41.3	1000.0	1000.000	V	-4.9	32.7	74.0	
15274.000000	50.9	1000.0	1000.000	V	5.4	23.1	74.0	
17896.000000	55.9	1000.0	1000.000	V	10.0	18.1	74.0	

Limit and Margin AV

Frequency (MHz)	Average (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - AV/G (dB)	Limit - AV/G (dBμV/m)	Comment
1240.000000	19.2	1000.0	1000.000	V	-19.0	34.6	54.0	
1623.000000	18.8	1000.0	1000.000	V	-17.3	35.2	54.0	
4804.000000	42.3	1000.0	1000.000	V	-7.8	11.7	54.0	
7207.000000	32.7	1000.0	1000.000	V	-4.9	21.3	54.0	
15274.000000	38.8	1000.0	1000.000	V	5.4	15.2	54.0	
17896.000000	42.5	1000.0	1000.000	V	10.0	11.5	54.0	

Tested by:

Jacky Chen

Reviewed by: _____

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EMC Test Service Hotline: +86-20-28391188

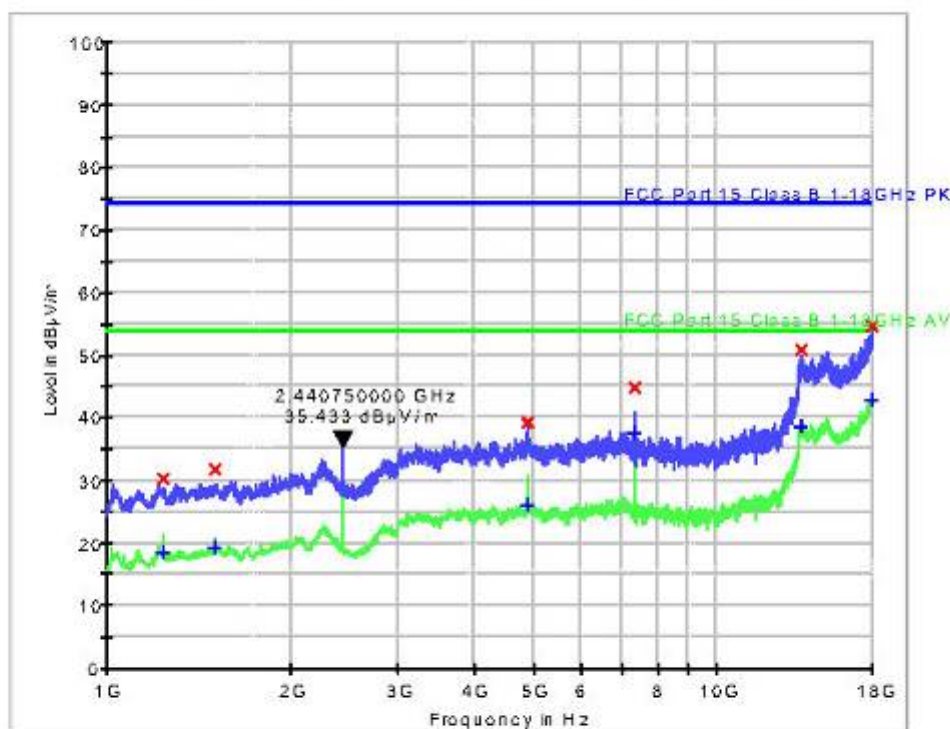
EMC Test Record (Emission)

Common Information

Manufacturer:	Seikaku
Test Item:	Mixer
Identification:	LD mixer 102A G3
Test Standard:	FCC Part 15
Test Detail:	Radiated Emission
Operation Mode:	Transmitting(BDR-Mid)
Climate Condition:	21 °C, 51 %, 100 kPa
Test Voltage/ Freq:	AC 120V / 60Hz
Receipt No:	174071875
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; Horizontal

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

EM CTT_EREFO11-A02-07_1GHz-18GHz_With PreAMP EXT& Notch filter



Tested by:

Jacky Chen

Reviewed by: _____

20180113

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)	Comment
1240.000000	30.2	1000.0	1000.000	H	-19.0	49.8	74.0	
1510.000000	31.7	1000.0	1000.000	H	-18.0	42.3	74.0	
4880.000000	39.2	1000.0	1000.000	H	-7.4	34.8	74.0	
7322.000000	45.0	1000.0	1000.000	H	-5.6	29.1	74.0	
13748.000000	51.0	1000.0	1000.000	H	3.4	23.0	74.0	
17970.000000	54.6	1000.0	1000.000	H	10.4	19.4	74.0	

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
1240.000000	18.3	1000.0	1000.000	H	-19.0	35.7	54.0	
1510.000000	19.1	1000.0	1000.000	H	-18.0	35.0	54.0	
4880.000000	26.1	1000.0	1000.000	H	-7.4	27.9	54.0	
7322.000000	37.5	1000.0	1000.000	H	-5.6	16.5	54.0	
13748.000000	38.6	1000.0	1000.000	H	3.4	15.4	54.0	
17970.000000	42.9	1000.0	1000.000	H	10.4	11.1	54.0	

Tested by: *Jacky Chen* Reviewed by: _____
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EMC Test Service Hotline: +86-20-28391188

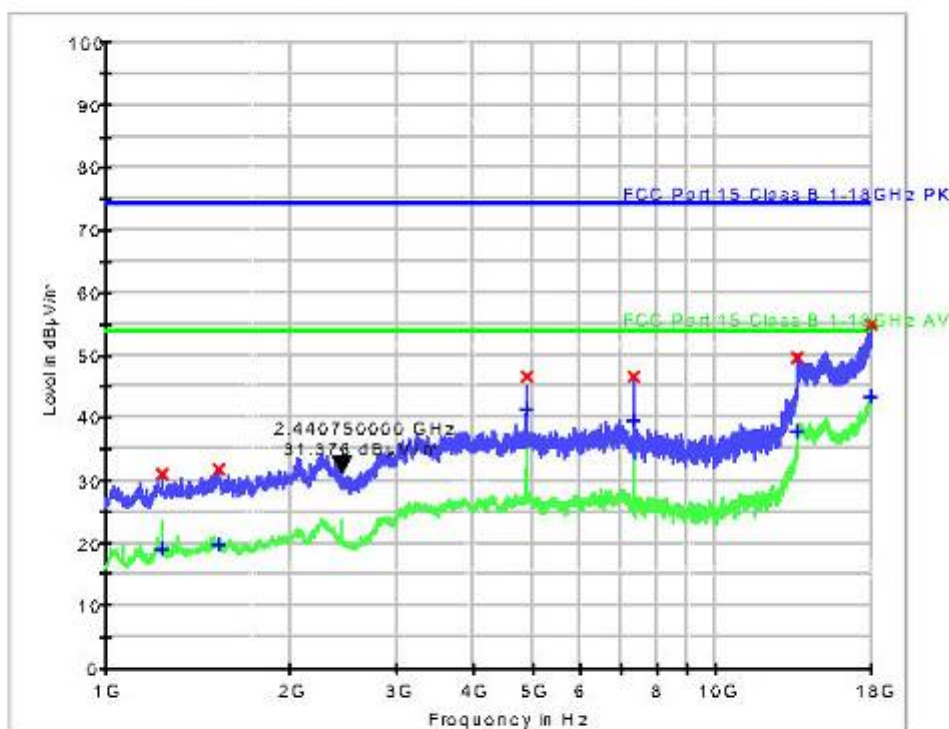
EMC Test Record (Emission)

Common Information

Manufacturer:	Seikaku
Test Item:	Mixer
Identification:	LD mixer 102A G3
Test Standard:	FCC Part 15
Test Detail:	Radiated Emission
Operation Mode:	Transmitting(BDR-Mid)
Climate Condition:	21 °C, 51 %, 100 kPa
Test Voltage/ Freq:	AC 120V / 60Hz
Receipt No:	174071875
Report No:	/
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

EM CTT_EREFO11-A02-07_1GHz-18GHz_With PreAMP EXT& Notch filter



Tested by:

Jacky Chen

Reviewed by: _____

20180113

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBμV/m)	Comment
1240.000000	30.9	1000.0	1000.000	V	-19.0	43.1	74.0	
1538.000000	31.7	1000.0	1000.000	V	-17.8	42.3	74.0	
4882.000000	46.6	1000.0	1000.000	V	-7.4	27.4	74.0	
7324.000000	46.5	1000.0	1000.000	V	-5.6	27.5	74.0	
13618.000000	49.7	1000.0	1000.000	V	3.0	24.3	74.0	
17953.000000	54.8	1000.0	1000.000	V	10.4	19.2	74.0	

Limit and Margin AV

Frequency (MHz)	Average (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBμV/m)	Comment
1240.000000	19.0	1000.0	1000.000	V	-19.0	35.1	54.0	
1538.000000	19.7	1000.0	1000.000	V	-17.8	34.4	54.0	
4882.000000	41.3	1000.0	1000.000	V	-7.4	12.7	54.0	
7324.000000	39.4	1000.0	1000.000	V	-5.6	14.6	54.0	
13618.000000	37.8	1000.0	1000.000	V	3.0	16.2	54.0	
17953.000000	43.3	1000.0	1000.000	V	10.4	10.8	54.0	

Tested by: *Jacky Chen* Reviewed by: _____
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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

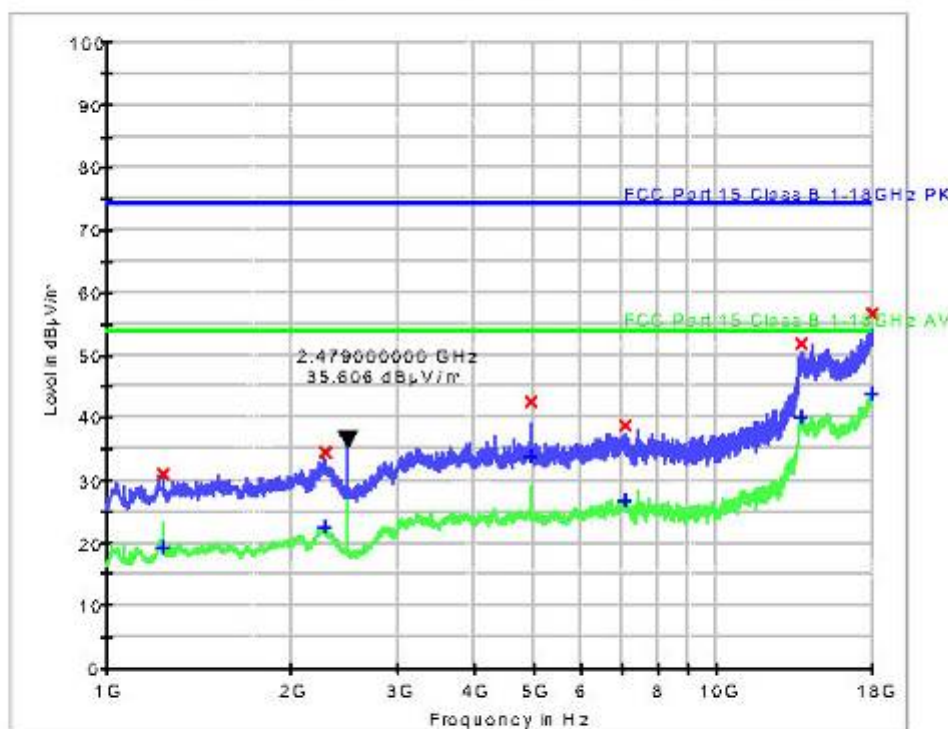
EMC Test Record (Emission)

Common Information

Manufacturer:	Seikaku
Test Item:	Mixer
Identification:	LD mixer 102A G3
Test Standard:	FCC Part 15
Test Detail:	Radiated Emission
Operation Mode:	Transmitting(EDR-High)
Climate Condition:	21 °C, 51 %, 100 kPa
Test Voltage/ Freq:	AC 120V / 60Hz
Receipt No:	174071875
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; Horizontal

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

EM CTT_EREFO11-A02-07_1GHz-18GHz_With PreAMP EXT& Notch filter



Tested by:

Jacky Chen

Reviewed by: _____

20180113

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBμV/m)	Comment
1240.000000	31.0	1000.0	1000.000	H	-19.0	43.0	74.0	
2286.000000	34.6	1000.0	1000.000	H	-15.3	39.4	74.0	
4959.000000	42.6	1000.0	1000.000	H	-7.7	31.4	74.0	
7056.000000	38.9	1000.0	1000.000	H	-5.0	35.1	74.0	
13798.000000	51.9	1000.0	1000.000	H	3.6	22.1	74.0	
17957.000000	56.7	1000.0	1000.000	H	10.4	17.3	74.0	

Limit and Margin AV

Frequency (MHz)	Average (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - AV/G (dB)	Limit - AV/G (dBμV/m)	Comment
1240.000000	19.0	1000.0	1000.000	H	-19.0	35.0	54.0	
2286.000000	22.4	1000.0	1000.000	H	-15.3	31.6	54.0	
4959.000000	33.8	1000.0	1000.000	H	-7.7	26.2	54.0	
7056.000000	26.8	1000.0	1000.000	H	-5.0	27.2	54.0	
13798.000000	40.0	1000.0	1000.000	H	3.6	14.0	54.0	
17957.000000	43.9	1000.0	1000.000	H	10.4	10.1	54.0	

Tested by:

Jacky Chen

Reviewed by: _____

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EMC Test Service Hotline: +86-20-28391188

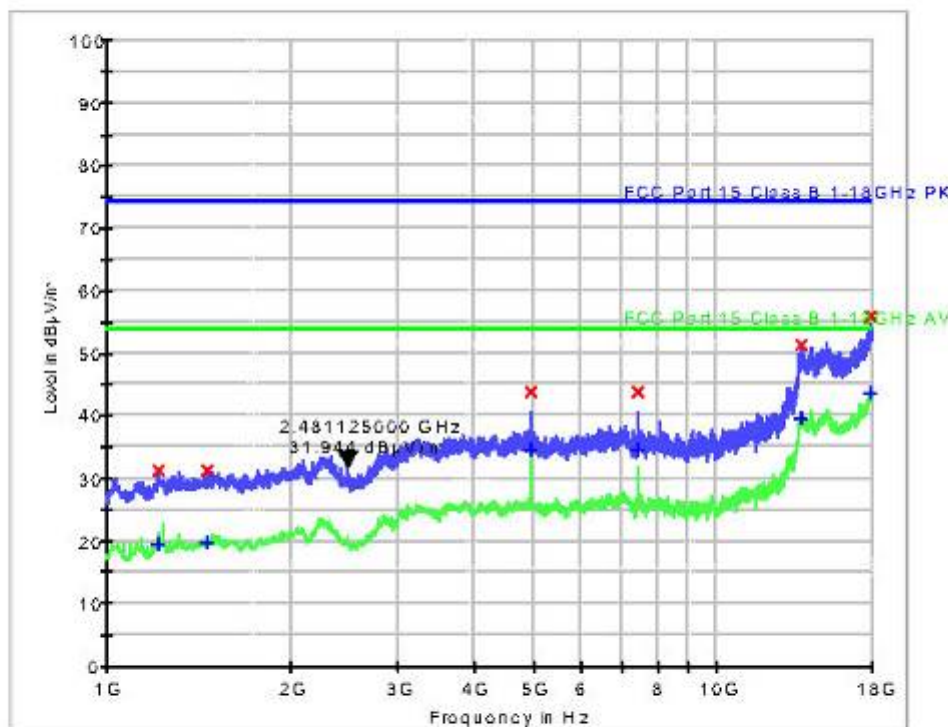
EMC Test Record (Emission)

Common Information

Manufacturer:	Seikaku
Test Item:	Mixer
Identification:	LD mixer 102A G3
Test Standard:	FCC Part 15
Test Detail:	Radiated Emission
Operation Mode:	Transmitting(EDR-High)
Climate Condition:	21 °C, 51 %, 100 kPa
Test Voltage/ Freq:	AC 120V / 60Hz
Receipt No:	174071875
Report No:	/
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

EM CTT_EREFO11-A02-07_1GHz-18GHz_With PreAMP EXT& Notch filter



Tested by: *Jacky Chen* Reviewed by: _____
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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBμV/m)	Comment
1215.000000	31.3	1000.0	1000.000	V	-19.0	42.8	74.0	
1461.000000	31.3	1000.0	1000.000	V	-18.5	42.7	74.0	
4959.000000	43.7	1000.0	1000.000	V	-7.7	30.3	74.0	
7439.000000	43.8	1000.0	1000.000	V	-5.2	30.2	74.0	
13797.000000	51.5	1000.0	1000.000	V	3.6	22.5	74.0	
17911.000000	56.0	1000.0	1000.000	V	10.1	18.0	74.0	

Limit and Margin AV

Frequency (MHz)	Average (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBμV/m)	Comment
1215.000000	19.5	1000.0	1000.000	V	-19.0	34.5	54.0	
1461.000000	19.6	1000.0	1000.000	V	-18.5	34.4	54.0	
4959.000000	34.6	1000.0	1000.000	V	-7.7	19.4	54.0	
7439.000000	34.4	1000.0	1000.000	V	-5.2	19.6	54.0	
13797.000000	39.6	1000.0	1000.000	V	3.6	14.4	54.0	
17911.000000	43.6	1000.0	1000.000	V	10.1	10.4	54.0	

Tested by: *Jacky Chen* Reviewed by: _____
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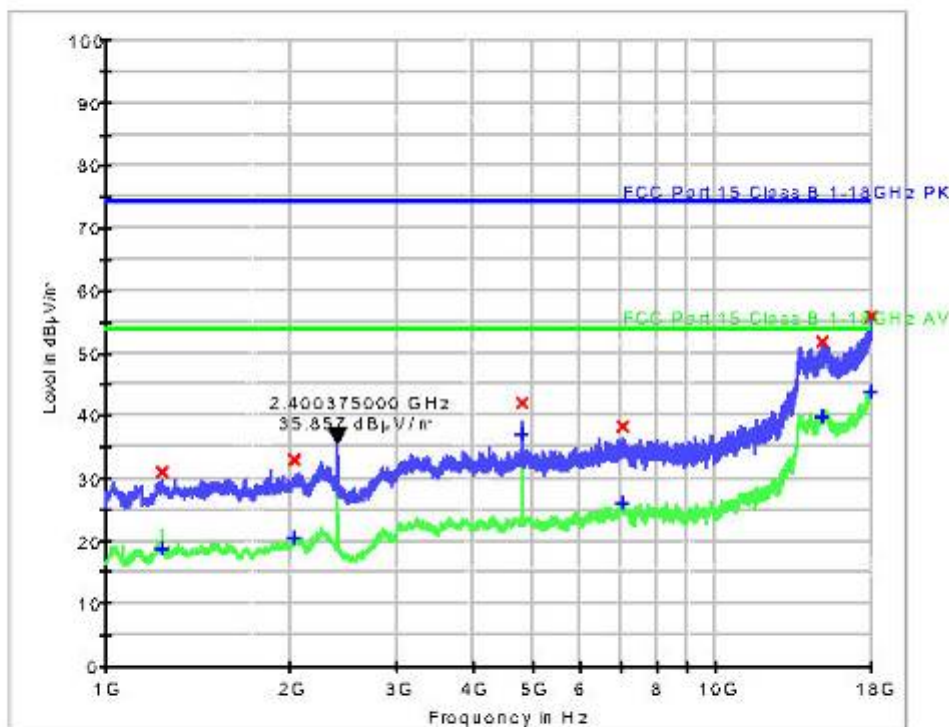
EMC Test Record (Emission)

Common Information

Manufacturer:	Seikaku
Test Item:	Mixer
Identification:	LD mixer 102A G3
Test Standard:	FCC Part 15
Test Detail:	Radiated Emission
Operation Mode:	Transmitting(EDR-Low)
Climate Condition:	21 °C, 51 %, 100 kPa
Test Voltage/ Freq:	AC 120V / 60Hz
Receipt No:	174071875
Report No:	/
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

EM CTT_EREFO11-A02-07_1GHz-18GHz_With PreAMP EXT& Notch filter



Tested by:

Jacky Chen

Reviewed by: _____

20180113

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBμV/m)	Comment
1240.000000	31.0	1000.0	1000.000	H	-19.0	49.0	74.0	
2045.000000	32.9	1000.0	1000.000	H	-15.0	41.1	74.0	
4804.000000	42.1	1000.0	1000.000	H	-7.8	31.9	74.0	
7046.000000	38.2	1000.0	1000.000	H	-5.0	35.8	74.0	
14997.000000	51.9	1000.0	1000.000	H	5.5	22.1	74.0	
17989.000000	56.0	1000.0	1000.000	H	10.3	18.0	74.0	

Limit and Margin AV

Frequency (MHz)	Average (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - AV G (dB)	Limit - AV G (dBμV/m)	Comment
1240.000000	18.7	1000.0	1000.000	H	-19.0	35.3	54.0	
2045.000000	20.5	1000.0	1000.000	H	-15.0	33.5	54.0	
4804.000000	37.0	1000.0	1000.000	H	-7.8	17.0	54.0	
7046.000000	25.9	1000.0	1000.000	H	-5.0	28.1	54.0	
14997.000000	39.7	1000.0	1000.000	H	5.5	14.3	54.0	
17989.000000	43.9	1000.0	1000.000	H	10.3	10.2	54.0	

Tested by:

Jacky Chen

Reviewed by: _____

20180113

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EMC Test Service Hotline: +86-20-28391188

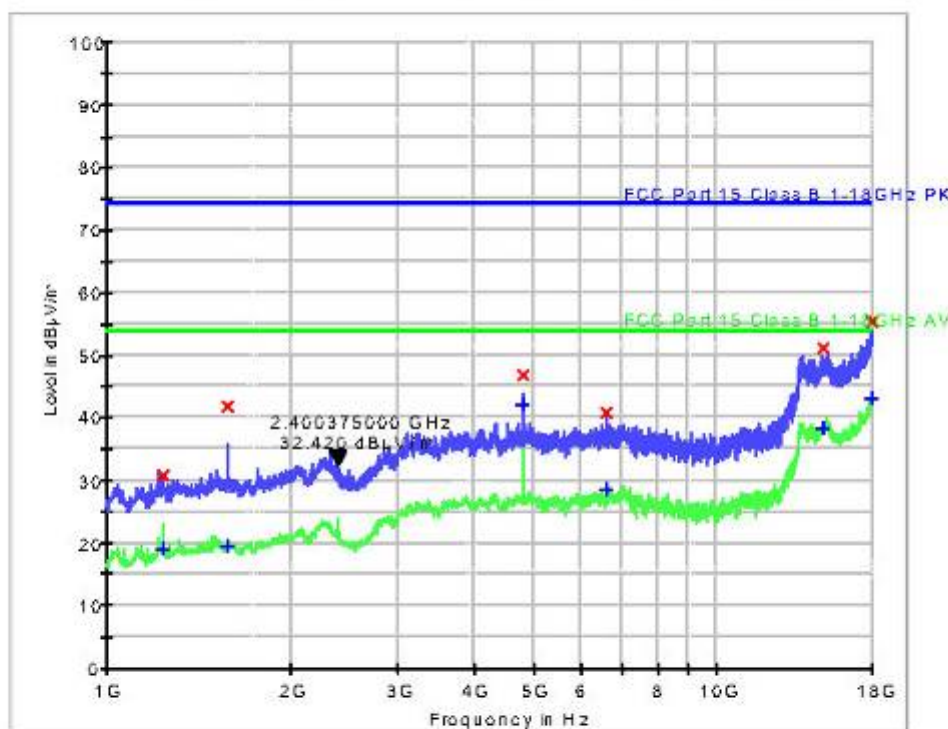
EMC Test Record (Emission)

Common Information

Manufacturer:	Seikaku
Test Item:	Mixer
Identification:	LD mixer 102A G3
Test Standard:	FCC Part 15
Test Detail:	Radiated Emission
Operation Mode:	Transmitting(EDR-Low)
Climate Condition:	21 °C, 51 %, 100 kPa
Test Voltage/ Freq:	AC 120V / 60Hz
Receipt No:	174071875
Report No:	/
Result:	Pass
Comment:	Test distance is 3m, Vertical

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

EM CTT_EREFO11-A02-07_1GHz-18GHz_With PreAMP EXT& Notch filter



Tested by:

Jacky Chen

Reviewed by: _____

20180113

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBμV/m)	Comment
1240.000000	30.8	1000.0	1000.000	V	-19.0	43.3	74.0	
1582.000000	41.9	1000.0	1000.000	V	-17.5	32.1	74.0	
4804.000000	46.9	1000.0	1000.000	V	-7.8	27.1	74.0	
6587.000000	40.8	1000.0	1000.000	V	-6.9	33.2	74.0	
14948.000000	51.2	1000.0	1000.000	V	5.4	22.8	74.0	
17985.000000	55.4	1000.0	1000.000	V	10.4	18.6	74.0	

Limit and Margin AV

Frequency (MHz)	Average (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBμV/m)	Comment
1240.000000	18.9	1000.0	1000.000	V	-19.0	35.1	54.0	
1582.000000	19.4	1000.0	1000.000	V	-17.5	34.7	54.0	
4804.000000	42.1	1000.0	1000.000	V	-7.8	11.9	54.0	
6587.000000	28.5	1000.0	1000.000	V	-6.9	25.5	54.0	
14948.000000	38.4	1000.0	1000.000	V	5.4	15.6	54.0	
17985.000000	43.0	1000.0	1000.000	V	10.4	11.1	54.0	

Tested by: *Jacky Chen* Reviewed by: _____
20180113

Prüfbericht - Nr.:

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

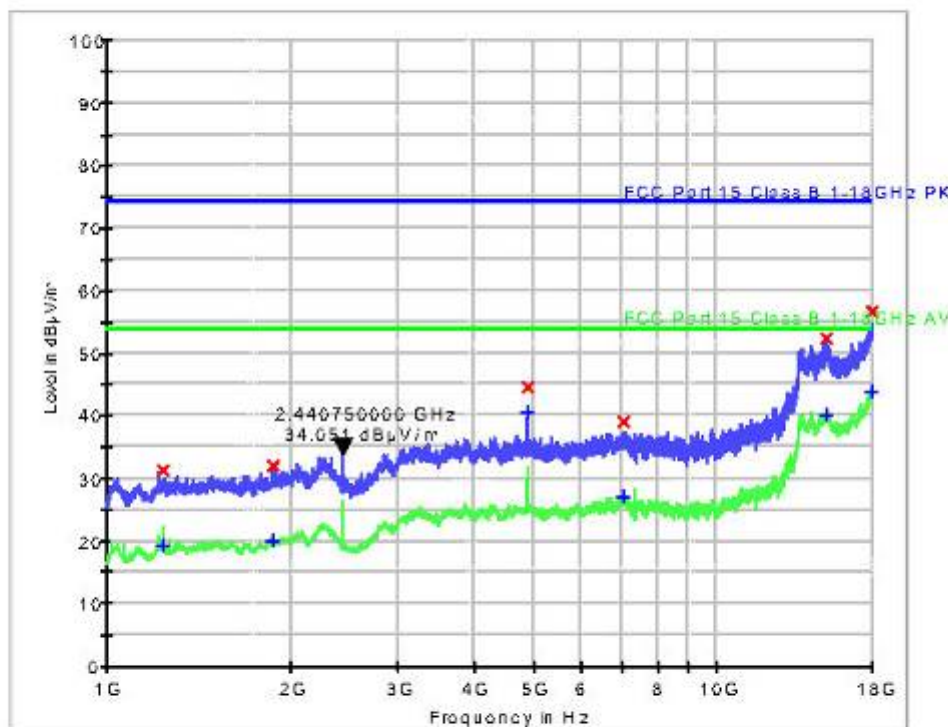
EMC Test Record (Emission)

Common Information

Manufacturer:	Seikaku
Test Item:	Mixer
Identification:	LD mixer 102A G3
Test Standard:	FCC Part 15
Test Detail:	Radiated Emission
Operation Mode:	Transmitting(EDR-Mid)
Climate Condition:	21 °C, 51 %, 100 kPa
Test Voltage/ Freq:	AC 120V / 60Hz
Receipt No:	174071875
Report No:	/
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

EM CTT_EREFO11-A02-07_1GHz-18GHz_With PreAMP EXT& Notch filter



Tested by:

Jacky Chen

Reviewed by: _____

20180113

Prüfbericht - Nr.:

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBμV/m)	Comment
1240.000000	31.2	1000.0	1000.000	H	-19.0	42.8	74.0	
1878.000000	31.9	1000.0	1000.000	H	-16.4	42.1	74.0	
4882.000000	44.6	1000.0	1000.000	H	-7.4	29.4	74.0	
7043.000000	39.0	1000.0	1000.000	H	-5.1	35.0	74.0	
15131.000000	52.4	1000.0	1000.000	H	5.6	21.6	74.0	
17962.000000	56.8	1000.0	1000.000	H	10.4	17.2	74.0	

Limit and Margin AV

Frequency (MHz)	Average (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBμV/m)	Comment
1240.000000	19.3	1000.0	1000.000	H	-19.0	34.7	54.0	
1878.000000	19.9	1000.0	1000.000	H	-16.4	34.1	54.0	
4882.000000	40.7	1000.0	1000.000	H	-7.4	13.4	54.0	
7043.000000	26.9	1000.0	1000.000	H	-5.1	27.1	54.0	
15131.000000	40.0	1000.0	1000.000	H	5.6	14.0	54.0	
17962.000000	43.7	1000.0	1000.000	H	10.4	10.3	54.0	

Tested by:

Jacky Chen

Reviewed by: _____

20180113

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

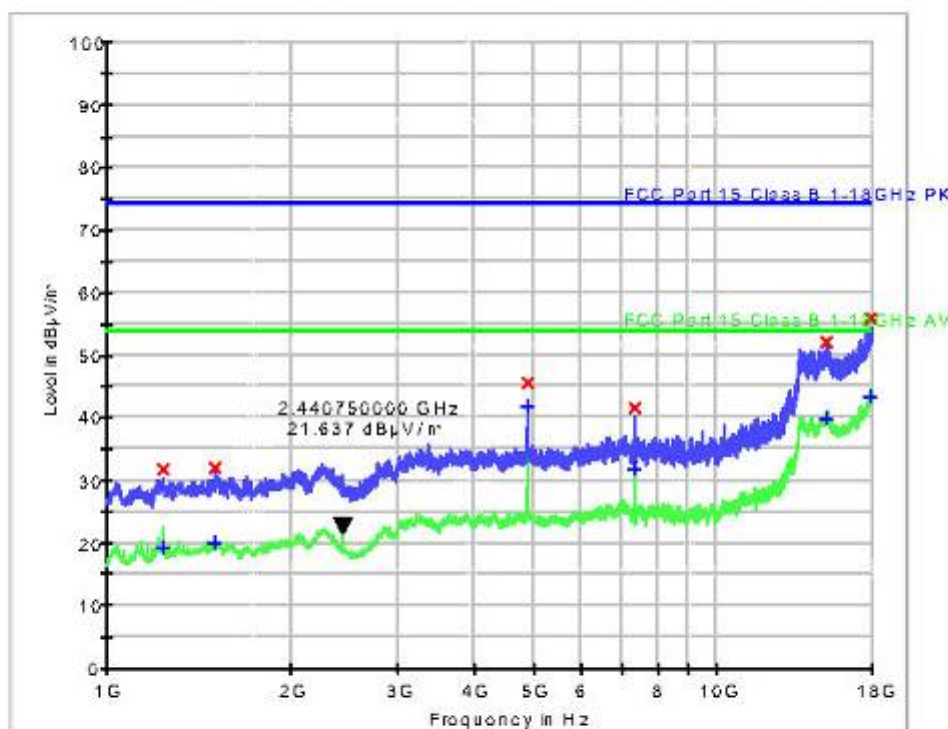
EMC Test Record (Emission)

Common Information

Manufacturer:	Seikaku
Test Item:	Mixer
Identification:	LD mixer 102A G3
Test Standard:	FCC Part 15
Test Detail:	Radiated Emission
Operation Mode:	Transmitting(EDR-Mid)
Climate Condition:	21 °C, 51 %, 100 kPa
Test Voltage/ Freq:	AC 120V / 60Hz
Receipt No:	174071875
Report No:	/
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

EM CTT_EREFO11-A02-07_1GHz-18GHz_With PreAMP EXT& Notch filter



Tested by:

Jacky Chen

Reviewed by: _____

20180113

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBμV/m)	Comment
1240.000000	31.7	1000.0	1000.000	V	-19.0	42.4	74.0	
1510.000000	31.9	1000.0	1000.000	V	-18.0	42.1	74.0	
4882.000000	45.5	1000.0	1000.000	V	-7.4	28.5	74.0	
7322.000000	41.5	1000.0	1000.000	V	-5.6	32.5	74.0	
15104.000000	52.0	1000.0	1000.000	V	5.6	22.0	74.0	
17894.000000	56.0	1000.0	1000.000	V	10.0	18.1	74.0	

Limit and Margin AV

Frequency (MHz)	Average (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBμV/m)	Comment
1240.000000	19.1	1000.0	1000.000	V	-19.0	34.6	54.0	
1510.000000	19.8	1000.0	1000.000	V	-18.0	34.2	54.0	
4882.000000	41.9	1000.0	1000.000	V	-7.4	12.1	54.0	
7322.000000	31.9	1000.0	1000.000	V	-5.6	22.2	54.0	
15104.000000	39.9	1000.0	1000.000	V	5.6	14.1	54.0	
17894.000000	43.3	1000.0	1000.000	V	10.0	10.7	54.0	

Tested by: *Jacky Chen* Reviewed by: _____
20180113

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

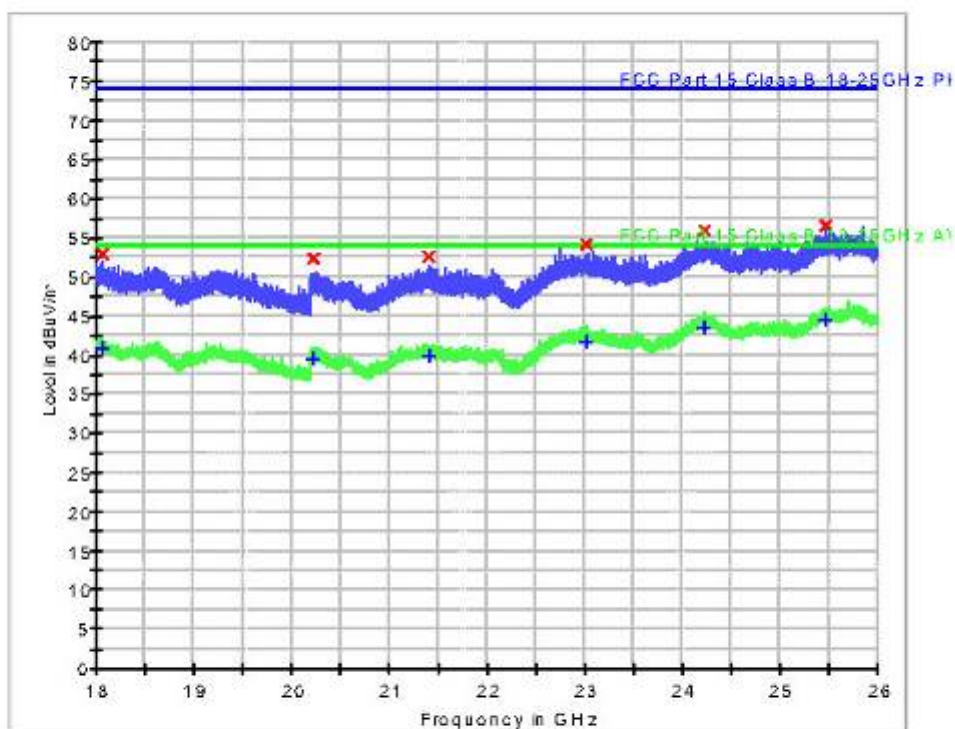
EMC Test Record (Emission)

Common Information

Manufacturer:	Seikaku
Test Item:	Mixer
Identification:	LD mixer 102A G3
Test Standard:	FCC Part 15
Test Detail:	Radiated Emission
Operation Mode:	Transmitting(BDR-High)
Climate Condition:	21 °C, 51 % _h , 100 kPa
Test Voltage/ Freq:	AC 120V / 60Hz
Receipt No:	174071875
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; Horizontal

Subrange 1	
Frequency Range:	18GHz-25GHz
Receiver:	TUV FSP30
Transducer:	TUV SAC HF907/ TUV FSP30-TUV SAC HF907

EMCTT_EREFO11-A02-08_18GHz-25GHz_With PreAMP EXT



Tested by:

Jacky Chen

Reviewed by: _____

20180113

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)	Comment
18068.000000	53.1	1000.0	1000.000	H	7.6	21.0	74.0	
20233.000000	52.5	1000.0	1000.000	H	6.7	21.5	74.0	
21402.000000	52.5	1000.0	1000.000	H	6.5	21.5	74.0	
23023.000000	54.2	1000.0	1000.000	H	8.3	19.8	74.0	
24231.000000	55.0	1000.0	1000.000	H	8.7	18.0	74.0	
25471.000000	55.7	1000.0	1000.000	H	9.7	17.3	74.0	

Limit and Margin AV

Frequency (MHz)	Average (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - AV/G (dB)	Limit - AV/G (dBuV/m)	Comment
18068.000000	40.8	1000.0	1000.000	H	7.6	13.2	54.0	
20233.000000	39.5	1000.0	1000.000	H	6.7	14.5	54.0	
21402.000000	40.0	1000.0	1000.000	H	6.5	14.0	54.0	
23023.000000	41.8	1000.0	1000.000	H	8.3	12.2	54.0	
24231.000000	43.5	1000.0	1000.000	H	8.7	10.5	54.0	
25471.000000	44.6	1000.0	1000.000	H	9.7	9.4	54.0	

Tested by:

Jacky Chen

Reviewed by: _____

20180113

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

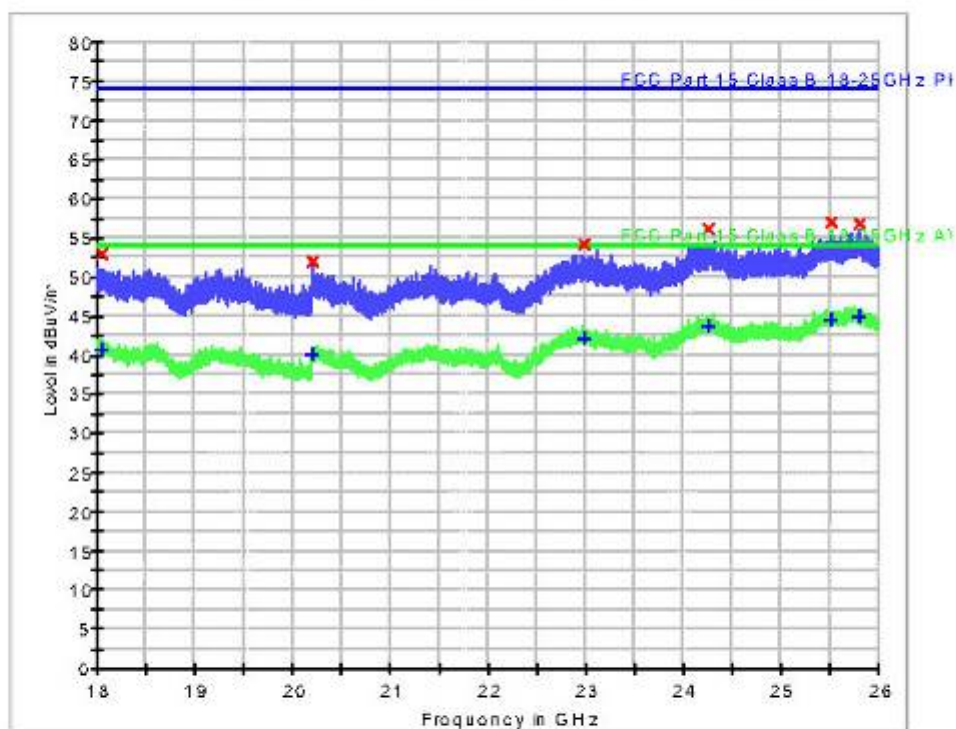
EMC Test Record (Emission)

Common Information

Manufacturer:	Seikaku
Test Item:	Mixer
Identification:	LD mixer 102A G3
Test Standard:	FCC Part 15
Test Detail:	Radiated Emission
Operation Mode:	Transmitting(BDR-High)
Climate Condition:	21 °C, 51 % _h , 100 kPa
Test Voltage/ Freq:	AC 120V / 60Hz
Receipt No:	174071875
Report No:	/
Result:	Pass
Comment:	Test distance is 3m, Vertical

Subrange 1	
Frequency Range:	18GHz-25GHz
Receiver:	TUV FSP30
Transducer:	TUV SAC HF907/ TUV FSP30-TUV SAC HF907

EMCTT_EREFO11-A02-08_18GHz-25GHz_With PreAMP EXT



Tested by:

Jacky Chen

Reviewed by: _____

20180113

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)	Comment
18056.000000	53.0	1000.0	1000.000	V	7.6	21.0	74.0	
20208.000000	52.1	1000.0	1000.000	V	6.7	21.9	74.0	
22984.000000	54.2	1000.0	1000.000	V	8.2	19.8	74.0	
24250.000000	56.2	1000.0	1000.000	V	8.7	17.8	74.0	
25514.000000	57.0	1000.0	1000.000	V	9.7	17.0	74.0	
25805.000000	56.9	1000.0	1000.000	V	9.9	17.1	74.0	

Limit and Margin AV

Frequency (MHz)	Average (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - AV/G (dB)	Limit - AV/G (dBuV/m)	Comment
18056.000000	40.7	1000.0	1000.000	V	7.6	13.3	54.0	
20208.000000	40.1	1000.0	1000.000	V	6.7	14.0	54.0	
22984.000000	42.1	1000.0	1000.000	V	8.2	11.9	54.0	
24250.000000	43.7	1000.0	1000.000	V	8.7	10.3	54.0	
25514.000000	44.5	1000.0	1000.000	V	9.7	9.5	54.0	
25805.000000	44.9	1000.0	1000.000	V	9.9	9.1	54.0	

Tested by:

Jacky Chen

Reviewed by: _____

20180113

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

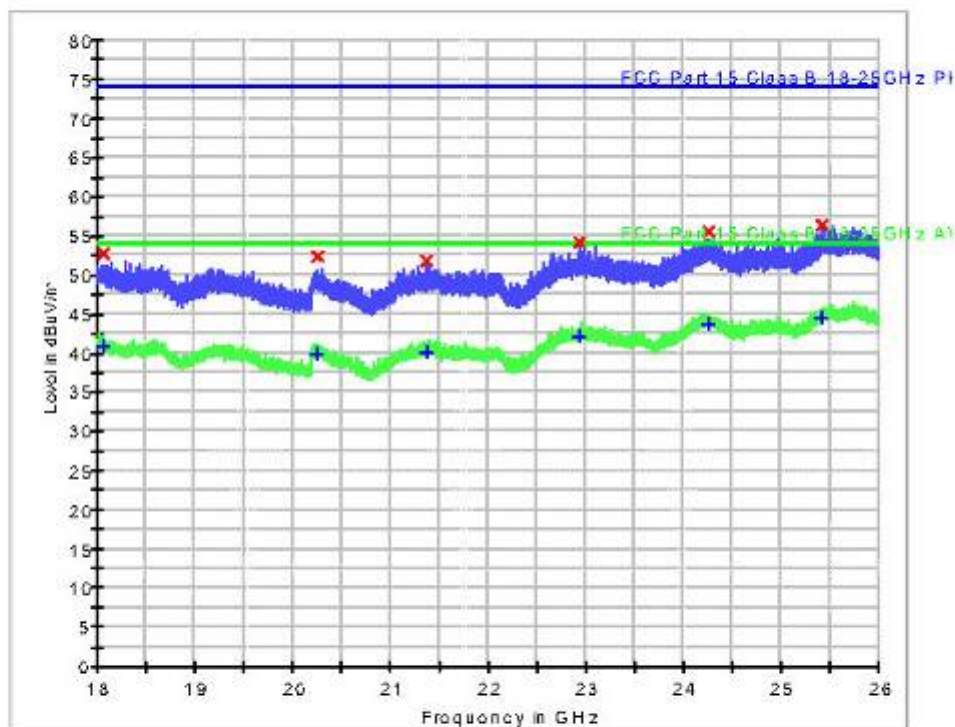
EMC Test Record (Emission)

Common Information

Manufacturer:	Seikaku
Test Item:	Mixer
Identification:	LD mixer 102A G3
Test Standard:	FCC Part 15
Test Detail:	Radiated Emission
Operation Mode:	Transmitting (BDR-Low)
Climate Condition:	21 °C, 51 % _h , 100 kPa
Test Voltage/ Freq:	AC 120V / 60Hz
Receipt No:	174071875
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; Horizontal

Subrange 1	
Frequency Range:	18GHz-25GHz
Receiver:	TUV FSP30
Transducer:	TUV SAC HF907/ TUV FSP30-TUV SAC HF907

EMCTT_EREFO11-A02-08_18GHz-25GHz_With PreAMP EXT



Tested by: *Jacky Chen* Reviewed by: _____
20180113

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)	Comment
18057.000000	52.9	1000.0	1000.000	H	7.6	21.1	74.0	
20260.000000	52.4	1000.0	1000.000	H	6.7	21.6	74.0	
21363.000000	51.8	1000.0	1000.000	H	6.4	22.2	74.0	
22930.000000	54.2	1000.0	1000.000	H	8.1	15.8	74.0	
24266.000000	55.6	1000.0	1000.000	H	8.7	16.4	74.0	
25412.000000	56.5	1000.0	1000.000	H	9.6	17.6	74.0	

Limit and Margin AV

Frequency (MHz)	Average (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - AV/G (dB)	Limit - AV/G (dBuV/m)	Comment
18057.000000	40.9	1000.0	1000.000	H	7.6	13.1	54.0	
20260.000000	40.0	1000.0	1000.000	H	6.7	14.1	54.0	
21363.000000	40.0	1000.0	1000.000	H	6.4	14.0	54.0	
22930.000000	42.2	1000.0	1000.000	H	8.1	11.9	54.0	
24266.000000	43.7	1000.0	1000.000	H	8.7	10.3	54.0	
25412.000000	44.5	1000.0	1000.000	H	9.6	9.5	54.0	

Tested by: *Jacky Chen* Reviewed by: _____
20180113

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

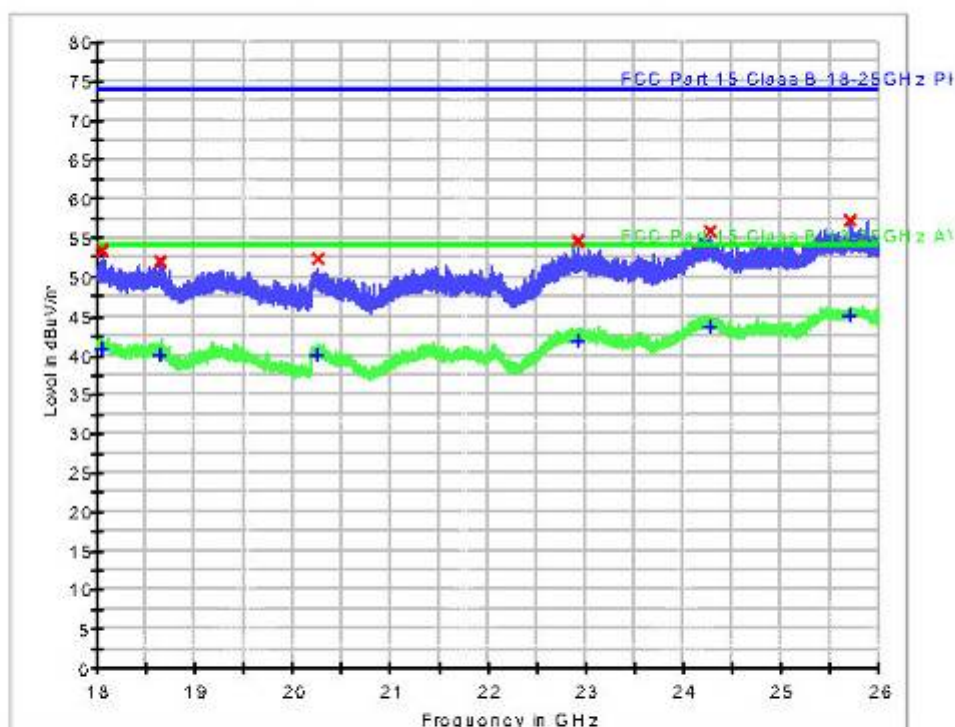
EMC Test Record (Emission)

Common Information

Manufacturer:	Seikaku
Test Item:	Mixer
Identification:	LD mixer 102A G3
Test Standard:	FCC Part 15
Test Detail:	Radiated Emission
Operation Mode:	Transmitting(BDR-Low)
Climate Condition:	21 °C, 51 %, 100 kPa
Test Voltage/ Freq:	AC 120V / 60Hz
Receipt No:	174071875
Report No:	/
Result:	PASS
Comment:	Test distance is 3m, Vertical

Subrange 1	
Frequency Range:	18GHz-25GHz
Receiver:	TUV FSP30
Transducer:	TUV SAC HF907/ TUV FSP30-TUV SAC HF907

EM CTT_EREFO11-A02-08_18GHz-25GHz_With PreAMP EXT



Tested by: *Jacky Chen* Reviewed by: _____
20180113

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)	Comment
18050.000000	53.5	1000.0	1000.000	V	7.6	20.5	74.0	
18548.000000	52.0	1000.0	1000.000	V	7.9	22.0	74.0	
20254.000000	52.4	1000.0	1000.000	V	6.7	21.6	74.0	
22919.000000	54.5	1000.0	1000.000	V	8.1	19.5	74.0	
24274.000000	55.8	1000.0	1000.000	V	8.7	18.2	74.0	
25708.000000	57.2	1000.0	1000.000	V	9.8	16.8	74.0	

Limit and Margin AV

Frequency (MHz)	Average (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - AV/G (dB)	Limit - AV/G (dBuV/m)	Comment
18050.000000	40.9	1000.0	1000.000	V	7.6	13.1	54.0	
18548.000000	40.1	1000.0	1000.000	V	7.9	13.9	54.0	
20254.000000	40.0	1000.0	1000.000	V	6.7	14.0	54.0	
22919.000000	42.0	1000.0	1000.000	V	8.1	12.0	54.0	
24274.000000	43.6	1000.0	1000.000	V	8.7	10.4	54.0	
25708.000000	45.1	1000.0	1000.000	V	9.8	8.9	54.0	

Tested by: *Jacky Chen* Reviewed by: _____
20180113

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

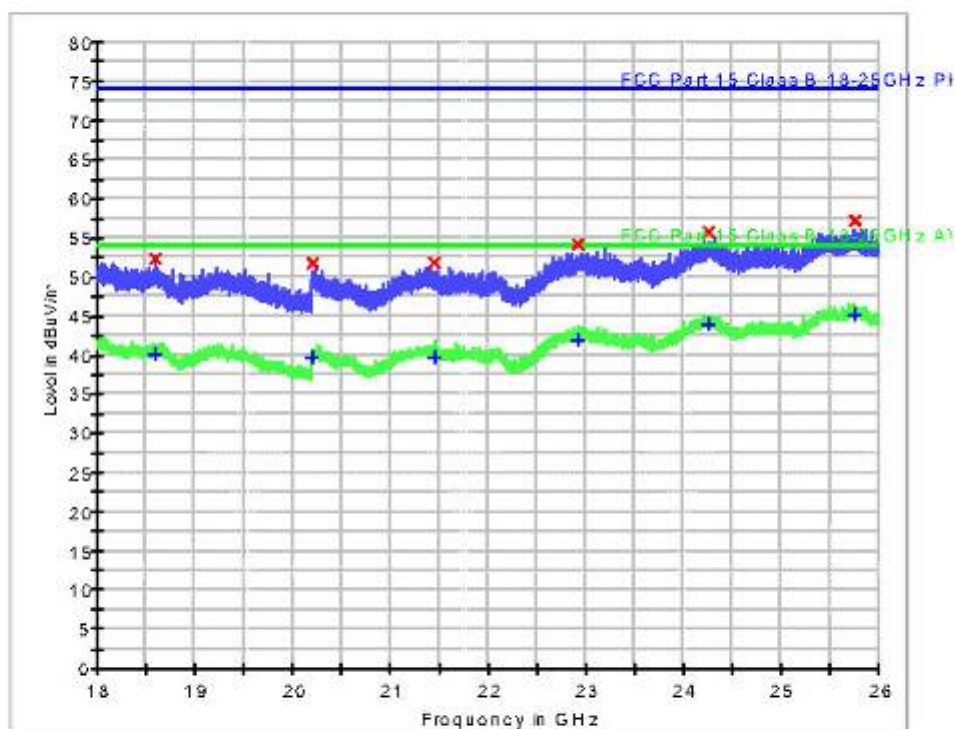
EMC Test Record (Emission)

Common Information

Manufacturer:	Seikaku
Test Item:	Mixer
Identification:	LD mixer 102A G3
Test Standard:	FCC Part 15
Test Detail:	Radiated Emission
Operation Mode:	Transmitting (BDR-Mid)
Climate Condition:	21 °C, 51 % _h , 100 kPa
Test Voltage/ Freq:	AC 120V / 60Hz
Receipt No:	174071875
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; Horizontal

Subrange 1	
Frequency Range:	18GHz-25GHz
Receiver:	TUV FSP30
Transducer:	TUV SAC HF907/ TUV FSP30-TUV SAC HF907

EMCTT_EREFO11-A02-08_18GHz-25GHz_With PreAMP EXT



Tested by:

Jacky Chen

Reviewed by:

20180113

Prüfbericht - Nr.:

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)	Comment
18597.000000	52.3	1000.0	1000.000	H	7.7	21.7	74.0	
20204.000000	51.7	1000.0	1000.000	H	6.7	22.3	74.0	
21446.000000	51.7	1000.0	1000.000	H	6.6	22.3	74.0	
22920.000000	54.2	1000.0	1000.000	H	8.1	15.8	74.0	
24258.000000	55.8	1000.0	1000.000	H	8.7	16.2	74.0	
25758.000000	57.2	1000.0	1000.000	H	9.8	16.8	74.0	

Limit and Margin AV

Frequency (MHz)	Average (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - AV/G (dB)	Limit - AV/G (dBuV/m)	Comment
18597.000000	40.2	1000.0	1000.000	H	7.7	13.8	54.0	
20204.000000	39.7	1000.0	1000.000	H	6.7	14.3	54.0	
21446.000000	39.8	1000.0	1000.000	H	6.6	14.2	54.0	
22920.000000	41.9	1000.0	1000.000	H	8.1	12.1	54.0	
24258.000000	43.9	1000.0	1000.000	H	8.7	10.2	54.0	
25758.000000	45.1	1000.0	1000.000	H	9.8	8.9	54.0	

Tested by:

Jacky Chen

Reviewed by: _____

20180113

Prüfbericht - Nr.:

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Test Report No.

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

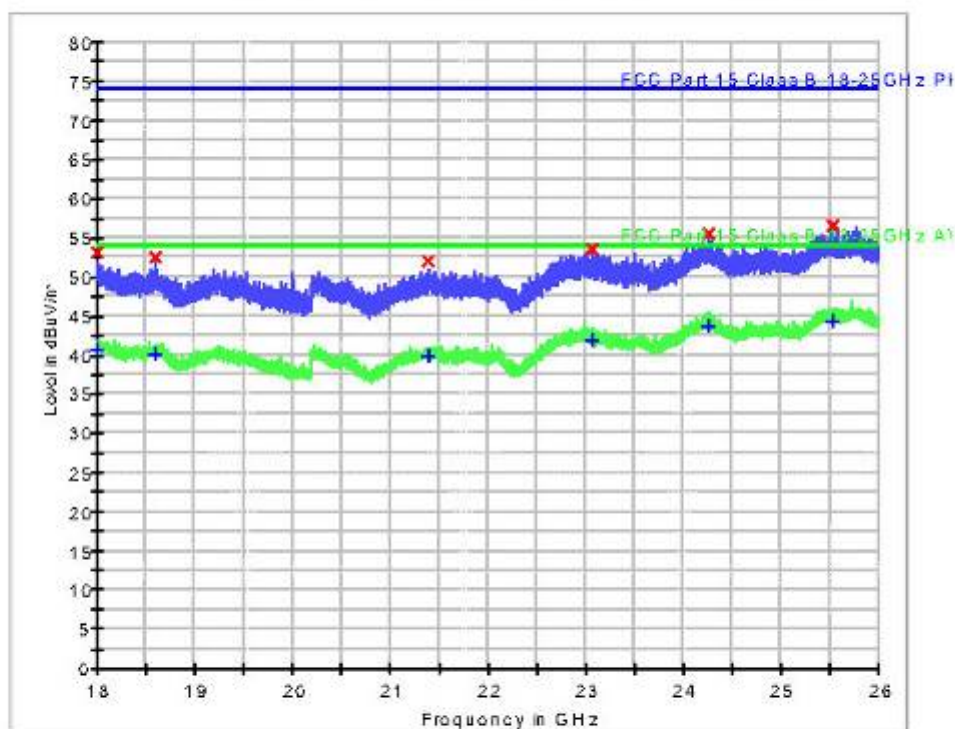
EMC Test Record (Emission)

Common Information

Manufacturer:	Seikaku
Test Item:	Mixer
Identification:	LD mixer 102A G3
Test Standard:	FCC Part 15
Test Detail:	Radiated Emission
Operation Mode:	Transmitting(BDR-Mid)
Climate Condition:	21 °C, 51 %, 100 kPa
Test Voltage/ Freq:	AC 120V / 60Hz
Receipt No:	174071875
Report No:	/
Result:	Pass
Comment:	Test distance is 3m, Vertical

Subrange 1	
Frequency Range:	18GHz-25GHz
Receiver:	TUV FSP30
Transducer:	TUV SAC HF907/ TUV FSP30-TUV SAC HF907

EMCTT_EREFO11-A02-08_18GHz-25GHz_With PreAMP EXT



Tested by:

Jacky Chen

Reviewed by: _____

20180113

Prüfbericht - Nr.:

50141724 001

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Poi	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)	Comment
18008.000000	53.1	1000.0	1000.000	V	7.6	20.9	74.0	
18604.000000	52.6	1000.0	1000.000	V	7.8	21.4	74.0	
21390.000000	51.9	1000.0	1000.000	V	6.5	22.1	74.0	
23063.000000	53.6	1000.0	1000.000	V	8.2	20.5	74.0	
24256.000000	55.7	1000.0	1000.000	V	8.7	18.3	74.0	
25535.000000	56.6	1000.0	1000.000	V	9.7	17.4	74.0	

Limit and Margin AV

Frequency (MHz)	Average (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Poi	Corr. (dB)	Margin - AV/G (dB)	Limit - AV/G (dBuV/m)	Comment
18008.000000	40.8	1000.0	1000.000	V	7.6	13.2	54.0	
18604.000000	40.1	1000.0	1000.000	V	7.8	13.9	54.0	
21390.000000	39.9	1000.0	1000.000	V	6.5	14.1	54.0	
23063.000000	41.9	1000.0	1000.000	V	8.2	12.1	54.0	
24256.000000	43.7	1000.0	1000.000	V	8.7	10.3	54.0	
25535.000000	44.4	1000.0	1000.000	V	9.7	9.6	54.0	

Tested by:

Jacky Chen

Reviewed by: _____

20180113

Prüfbericht - Nr.:

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

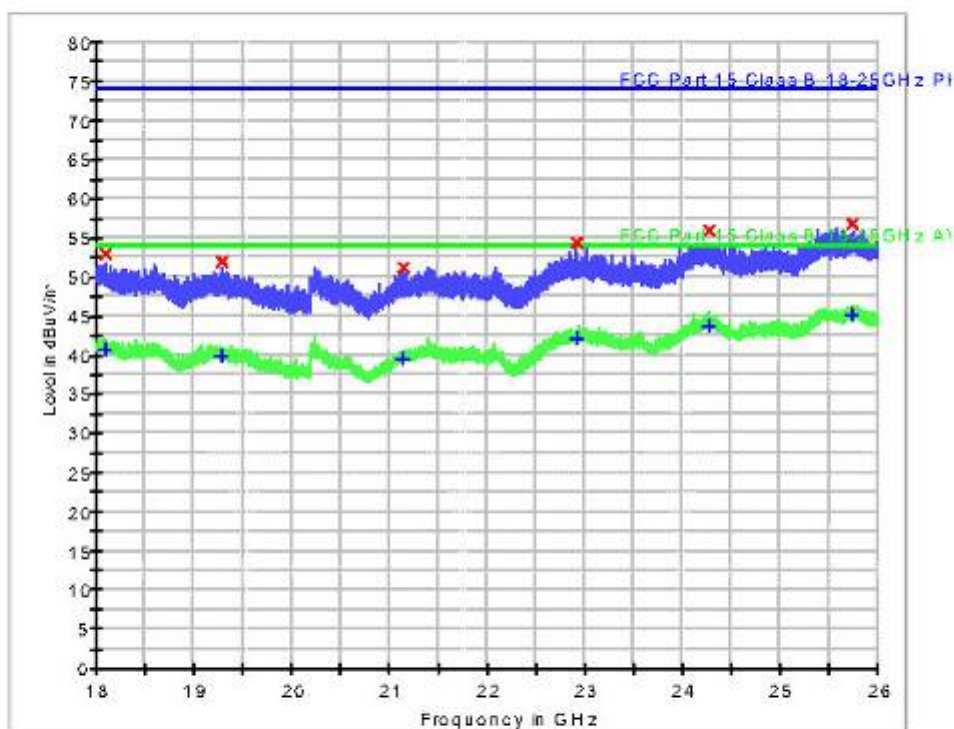
EMC Test Record (Emission)

Common Information

Manufacturer:	Seikaku
Test Item:	Mixer
Identification:	LD mixer 102A G3
Test Standard:	FCC Part 15
Test Detail:	Radiated Emission
Operation Mode:	Transmitting(EDR-High)
Climate Condition:	21 °C, 51 % _h , 100 kPa
Test Voltage/ Freq:	AC 120V / 60Hz
Receipt No:	174071875
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; Horizontal

Subrange 1	
Frequency Range:	18GHz-25GHz
Receiver:	TUV FSP30
Transducer:	TUV SAC HF907/ TUV FSP30-TUV SAC HF907

EMCTT_EREFO11-A02-08_18GHz-25GHz_With PreAMP EXT



Tested by:

Jacky Chen

Reviewed by:

20180113

Prüfbericht - Nr.:

50141724 001

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)	Comment
18091.000000	53.0	1000.0	1000.000	H	7.6	21.0	74.0	
19287.000000	51.9	1000.0	1000.000	H	7.5	22.1	74.0	
21153.000000	51.2	1000.0	1000.000	H	6.3	22.9	74.0	
22922.000000	54.5	1000.0	1000.000	H	8.1	19.5	74.0	
24282.000000	55.1	1000.0	1000.000	H	8.7	17.9	74.0	
25741.000000	55.8	1000.0	1000.000	H	9.8	17.2	74.0	

Limit and Margin AV

Frequency (MHz)	Average (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBuV/m)	Comment
18091.000000	40.7	1000.0	1000.000	H	7.6	13.3	54.0	
19287.000000	39.8	1000.0	1000.000	H	7.5	14.2	54.0	
21153.000000	39.6	1000.0	1000.000	H	6.3	14.4	54.0	
22922.000000	42.1	1000.0	1000.000	H	8.1	11.9	54.0	
24282.000000	43.8	1000.0	1000.000	H	8.7	10.2	54.0	
25741.000000	45.1	1000.0	1000.000	H	9.8	8.9	54.0	

Tested by:

Jacky Chen

Reviewed by: _____

20180113

Prüfbericht - Nr.:

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

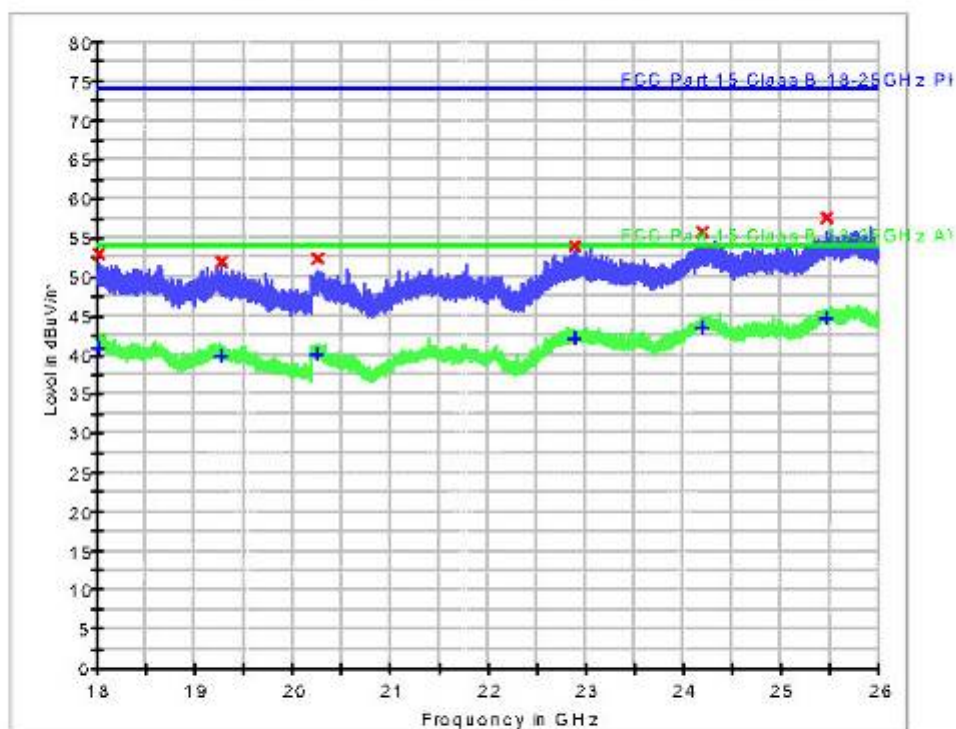
EMC Test Record (Emission)

Common Information

Manufacturer:	Seikaku
Test Item:	Mixer
Identification:	LD mixer 102A G3
Test Standard:	FCC Part 15
Test Detail:	Radiated Emission
Operation Mode:	Transmitting(EDR-High)
Climate Condition:	21 °C, 51 %, 100 kPa
Test Voltage/ Freq:	AC 120V / 60Hz
Receipt No:	174071875
Report No:	/
Result:	Pass
Comment:	Test distance is 3m, Vertical

Subrange 1	
Frequency Range:	18GHz-25GHz
Receiver:	TUV FSP30
Transducer:	TUV SAC HF907/ TUV FSP30-TUV SAC HF907

EMCTT_EREFO11-A02-08_18GHz-25GHz_With PreAMP EXT



Tested by:

Jacky Chen

Reviewed by: _____

20180113

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Poi	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)	Comment
18014.000000	53.1	1000.0	1000.000	V	7.6	20.9	74.0	
19267.000000	51.9	1000.0	1000.000	V	7.5	22.1	74.0	
20251.000000	52.4	1000.0	1000.000	V	6.7	21.6	74.0	
22893.000000	53.9	1000.0	1000.000	V	8.0	20.1	74.0	
24200.000000	55.9	1000.0	1000.000	V	8.7	18.1	74.0	
25460.000000	57.6	1000.0	1000.000	V	9.7	16.4	74.0	

Limit and Margin AV

Frequency (MHz)	Average (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Poi	Corr. (dB)	Margin - AV/G (dB)	Limit - AV/G (dBuV/m)	Comment
18014.000000	40.9	1000.0	1000.000	V	7.6	13.1	54.0	
19267.000000	39.9	1000.0	1000.000	V	7.5	14.1	54.0	
20251.000000	40.1	1000.0	1000.000	V	6.7	13.9	54.0	
22893.000000	42.1	1000.0	1000.000	V	8.0	11.9	54.0	
24200.000000	43.6	1000.0	1000.000	V	8.7	10.4	54.0	
25460.000000	44.8	1000.0	1000.000	V	9.7	9.3	54.0	

Tested by:

Jacky Chen

Reviewed by: _____

20180113

Prüfbericht - Nr.:

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

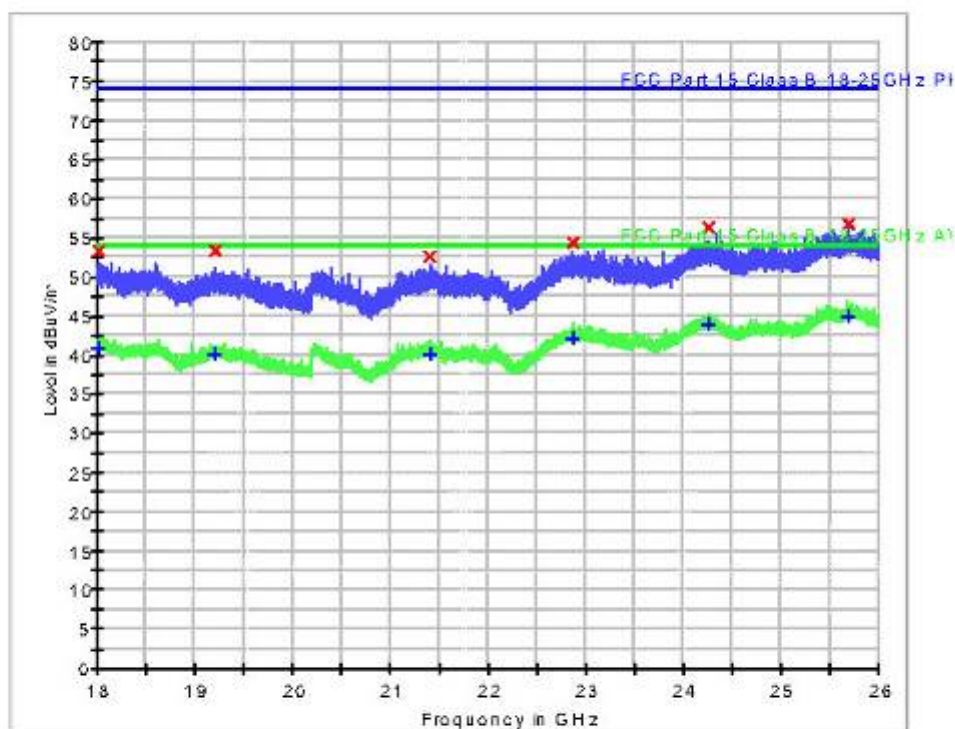
EMC Test Record (Emission)

Common Information

Manufacturer:	Seikaku
Test Item:	Mixer
Identification:	LD mixer 102A G3
Test Standard:	FCC Part 15
Test Detail:	Radiated Emission
Operation Mode:	Transmitting(EDR-Low)
Climate Condition:	21 °C, 51 % _h , 100 kPa
Test Voltage/ Freq:	AC 120V / 60Hz
Receipt No:	174071875
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; Horizontal

Subrange 1	
Frequency Range:	18GHz-25GHz
Receiver:	TUV FSP30
Transducer:	TUV SAC HF907/ TUV FSP30-TUV SAC HF907

EMCTT_EREFO11-A02-08_18GHz-25GHz_With PreAMP EXT



Tested by:

Jacky Chen

Reviewed by: _____

20180113

Prüfbericht - Nr.:

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Poi	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)	Comment
18010.000000	53.4	1000.0	1000.000	H	7.6	20.6	74.0	
19211.000000	53.4	1000.0	1000.000	H	7.6	20.6	74.0	
21396.000000	52.6	1000.0	1000.000	H	6.5	21.4	74.0	
22872.000000	54.4	1000.0	1000.000	H	7.9	19.6	74.0	
24251.000000	55.4	1000.0	1000.000	H	8.7	17.6	74.0	
25693.000000	55.9	1000.0	1000.000	H	9.8	17.1	74.0	

Limit and Margin AV

Frequency (MHz)	Average (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Poi	Corr. (dB)	Margin - AV/G (dB)	Limit - AV/G (dBuV/m)	Comment
18010.000000	40.9	1000.0	1000.000	H	7.6	13.1	54.0	
19211.000000	40.1	1000.0	1000.000	H	7.6	13.9	54.0	
21396.000000	40.2	1000.0	1000.000	H	6.5	13.8	54.0	
22872.000000	42.1	1000.0	1000.000	H	7.9	11.9	54.0	
24251.000000	44.0	1000.0	1000.000	H	8.7	10.0	54.0	
25693.000000	44.9	1000.0	1000.000	H	9.8	9.1	54.0	

Tested by: *Jacky Chen* Reviewed by: _____
20180113

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

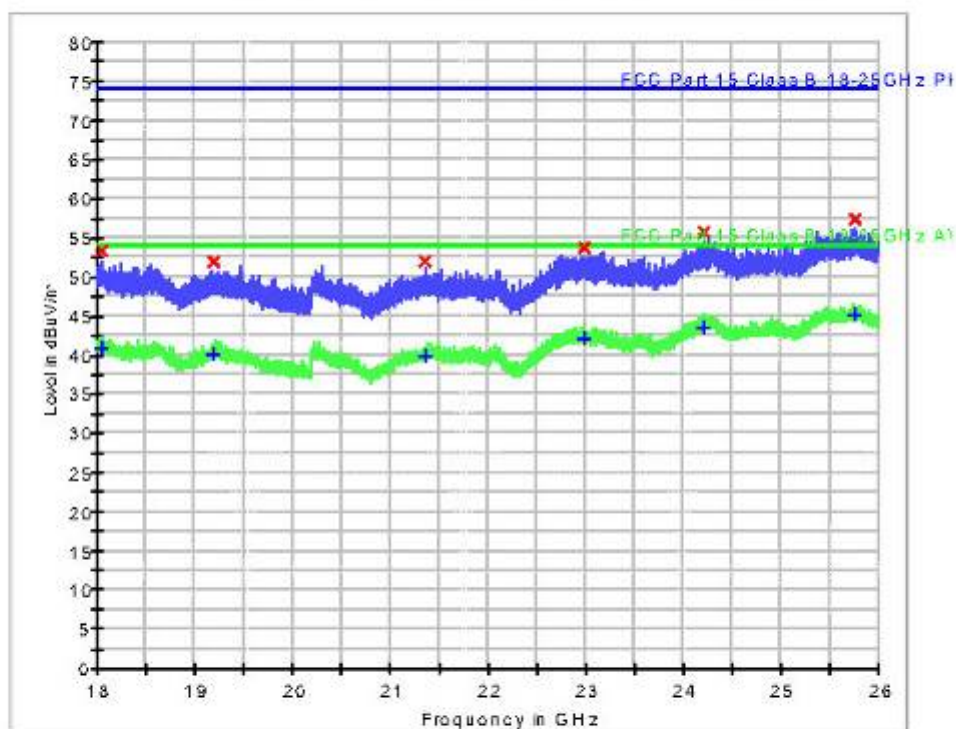
EMC Test Record (Emission)

Common Information

Manufacturer:	Seikaku
Test Item:	Mixer
Identification:	LD mixer 102A G3
Test Standard:	FCC Part 15
Test Detail:	Radiated Emission
Operation Mode:	Transmitting(EDR-Low)
Climate Condition:	21 °C, 51 % _h , 100 kPa
Test Voltage/ Freq:	AC 120V / 60Hz
Receipt No:	174071875
Report No:	/
Result:	Pass
Comment:	Test distance is 3m, Vertical

Subrange 1	
Frequency Range:	18GHz-25GHz
Receiver:	TUV FSP30
Transducer:	TUV SAC HF907/ TUV FSP30-TUV SAC HF907

EMCTT_EREFO11-A02-08_18GHz-25GHz_With PreAMP EXT



Tested by: *Jacky Chen* Reviewed by: _____
20180113

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TUV Rheinland (Guangdong) Ltd.

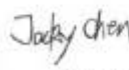
EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)	Comment
18041.000000	53.4	1000.0	1000.000	V	7.6	20.6	74.0	
19198.000000	52.0	1000.0	1000.000	V	7.6	22.0	74.0	
21357.000000	52.0	1000.0	1000.000	V	6.4	22.0	74.0	
22978.000000	53.8	1000.0	1000.000	V	8.2	20.3	74.0	
24216.000000	55.7	1000.0	1000.000	V	8.7	18.3	74.0	
25761.000000	57.4	1000.0	1000.000	V	9.9	16.6	74.0	

Limit and Margin AV

Frequency (MHz)	Average (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - AV/G (dB)	Limit - AV/G (dBuV/m)	Comment
18041.000000	41.0	1000.0	1000.000	V	7.6	13.0	54.0	
19198.000000	40.1	1000.0	1000.000	V	7.6	14.0	54.0	
21357.000000	40.0	1000.0	1000.000	V	6.4	14.0	54.0	
22978.000000	42.2	1000.0	1000.000	V	8.2	11.8	54.0	
24216.000000	43.6	1000.0	1000.000	V	8.7	10.4	54.0	
25761.000000	45.1	1000.0	1000.000	V	9.9	8.9	54.0	

Tested by:  Reviewed by: _____
20180113

Prüfbericht - Nr.:

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Test Report No.

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

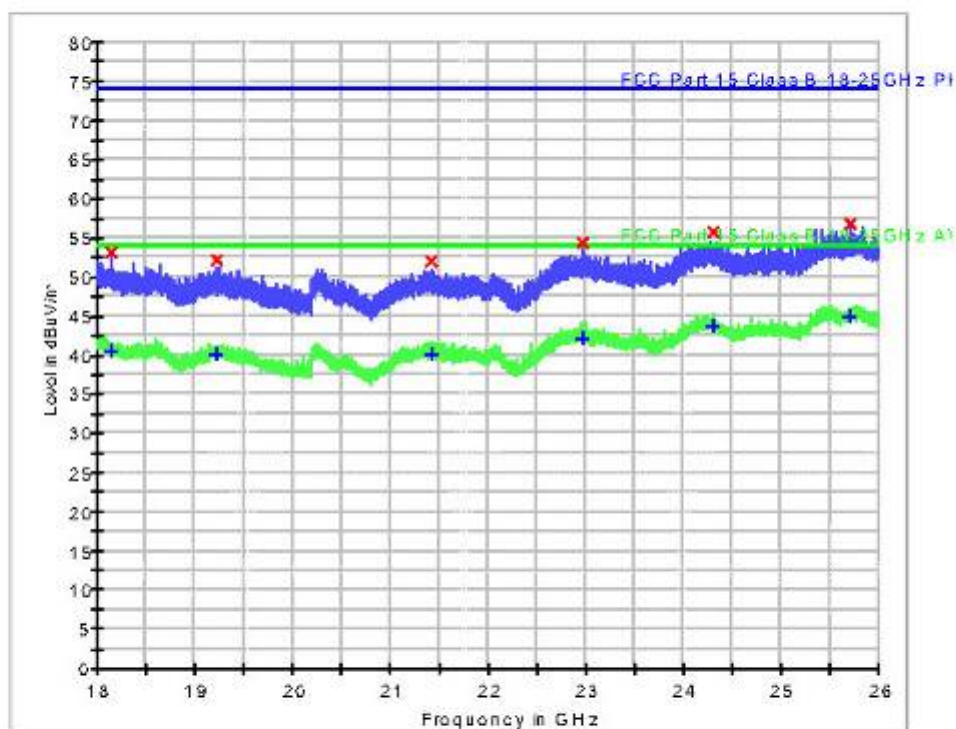
EMC Test Record (Emission)

Common Information

Manufacturer:	Seikaku
Test Item:	Mixer
Identification:	LD mixer 102A G3
Test Standard:	FCC Part 15
Test Detail:	Radiated Emission
Operation Mode:	Transmitting(EDR-Mid)
Climate Condition:	21 °C, 51 % _h , 100 kPa
Test Voltage/ Freq:	AC 120V / 60Hz
Receipt No:	174071875
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; Horizontal

Subrange 1	
Frequency Range:	18GHz-25GHz
Receiver:	TUV FSP30
Transducer:	TUV SAC HF907/ TUV FSP30-TUV SAC HF907

EMCTT_EREFO11-A02-08_18GHz-25GHz_With PreAMP EXT



Tested by:

Jacky Chen

Reviewed by: _____

20180113

Prüfbericht - Nr.:

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)	Comment
18144.000000	53.2	1000.0	1000.000	H	7.6	20.8	74.0	
19231.000000	52.1	1000.0	1000.000	H	7.6	21.9	74.0	
21413.000000	52.0	1000.0	1000.000	H	6.5	22.0	74.0	
22966.000000	54.3	1000.0	1000.000	H	8.2	19.7	74.0	
24305.000000	55.8	1000.0	1000.000	H	8.7	18.2	74.0	
25710.000000	56.8	1000.0	1000.000	H	9.8	17.2	74.0	

Limit and Margin AV

Frequency (MHz)	Average (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - AVG (dB)	Limit - AVG (dBuV/m)	Comment
18144.000000	40.4	1000.0	1000.000	H	7.6	13.6	54.0	
19231.000000	40.1	1000.0	1000.000	H	7.6	14.0	54.0	
21413.000000	40.1	1000.0	1000.000	H	6.5	13.9	54.0	
22966.000000	42.1	1000.0	1000.000	H	8.2	11.9	54.0	
24305.000000	43.7	1000.0	1000.000	H	8.7	10.3	54.0	
25710.000000	45.0	1000.0	1000.000	H	9.8	9.0	54.0	

Tested by:

Jacky Chen

Reviewed by: _____

20180113

Prüfbericht - Nr.:

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TUV Rheinland (Guangdong) Ltd.

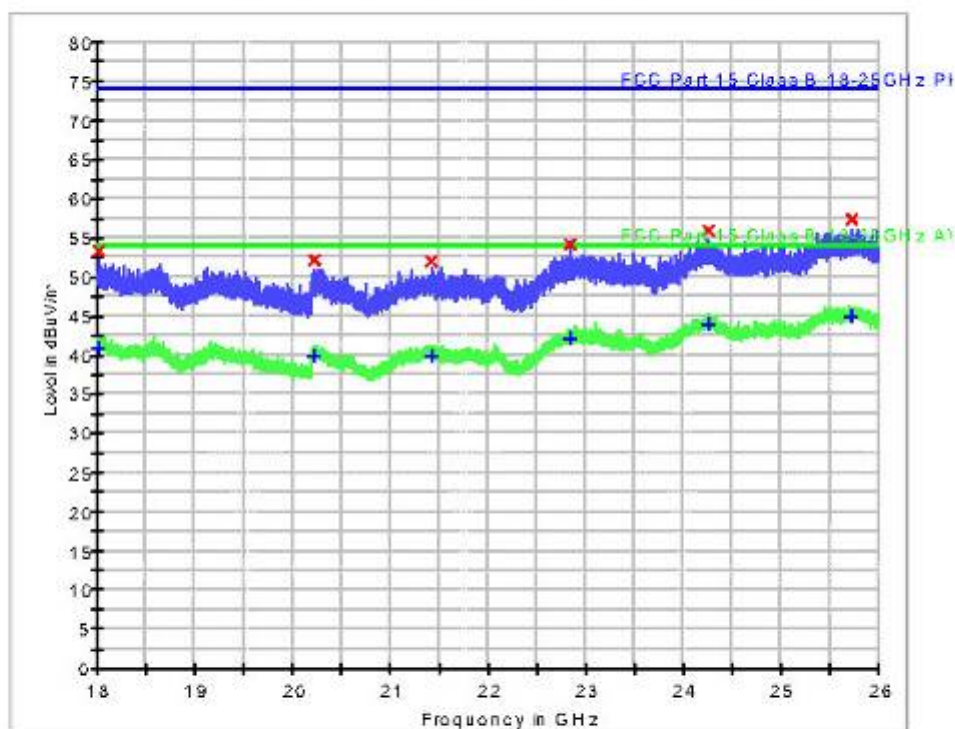
EMC Test Service Hotline: +86-20-28391188

EMC Test Record (Emission)

Common Information

Manufacturer:	Seikaku
Test Item:	Mixer
Identification:	LD mixer 102A G3
Test Standard:	FCC Part 15
Test Detail:	Radiated Emission
Operation Mode:	Transmitting(EDR-Mid)
Climate Condition:	21 °C, 51 %, 100 kPa
Test Voltage/ Freq:	AC 120V / 60Hz
Receipt No:	174071875
Report No:	/
Result:	Pass
Comment:	Test distance is 3m, Vertical
Subrange 1	
Frequency Range:	18GHz-25GHz
Receiver:	TUV FSP30
Transducer:	TUV SAC HF907/ TUV FSP30-TUV SAC HF907

EMCTT_EREFO11-A02-08_18GHz-25GHz_With PreAMP EXT



Tested by:

Jacky Chen

Reviewed by: _____

20180113

Prüfbericht - Nr.:

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Test Report No.

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)	Comment
18013.000000	53.5	1000.0	1000.000	V	7.6	20.5	74.0	
20233.000000	52.2	1000.0	1000.000	V	6.7	21.8	74.0	
21421.000000	52.0	1000.0	1000.000	V	6.6	22.0	74.0	
22835.000000	54.2	1000.0	1000.000	V	7.8	19.8	74.0	
24251.000000	55.1	1000.0	1000.000	V	8.7	17.9	74.0	
25726.000000	57.4	1000.0	1000.000	V	9.8	16.6	74.0	

Limit and Margin AV

Frequency (MHz)	Average (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - AV/G (dB)	Limit - AV/G (dBuV/m)	Comment
18013.000000	40.9	1000.0	1000.000	V	7.6	13.1	54.0	
20233.000000	39.9	1000.0	1000.000	V	6.7	14.1	54.0	
21421.000000	40.0	1000.0	1000.000	V	6.6	14.1	54.0	
22835.000000	42.2	1000.0	1000.000	V	7.8	11.9	54.0	
24251.000000	43.9	1000.0	1000.000	V	8.7	10.1	54.0	
25726.000000	45.0	1000.0	1000.000	V	9.8	9.0	54.0	

Tested by:

Jacky Chen

Reviewed by: _____

20180113

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Test Report No.

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

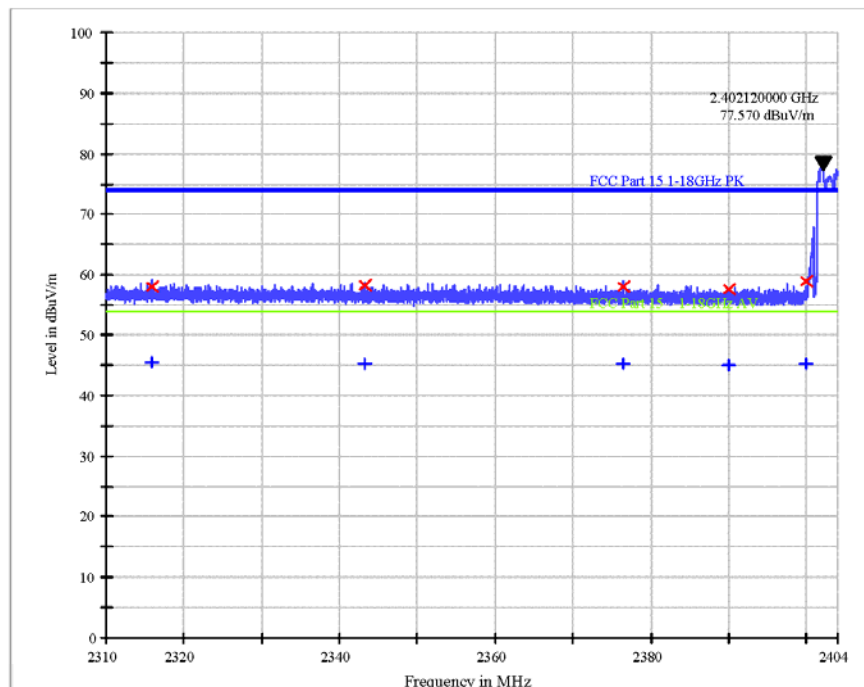
EMC Test Record (Emission)

Common Information

Manufacturer:	Seikaku
Test Item:	Mixer
Identification:	LD mixer 102A G3
Test Standard:	FCC Part 15
Test Detail:	Radiated Emission
Operation Mode:	Transmitting(Hopping-Low)
Climate Condition:	20 °C, 50 %, 100 k Pa
Test Voltage/ Freq:	AC 120V/60Hz
Receipt No:	174071875
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; Horizontal

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

EMCTT_EREF011-A02-04_1GHz-18GHz



Tested by:	Chris Liang	Reviewed by:	Jacky Chen
	20190411		20190411

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dB _i V/m)
2315.922000	58.1	1000.0	1000.000	H	32.9	15.9	74.0
2343.217250	58.3	1000.0	1000.000	H	32.9	15.7	74.0
2376.375750	58.1	1000.0	1000.000	H	33.0	15.9	74.0
2390.000000	57.7	1000.0	1000.000	H	33.0	16.3	74.0
2400.000000	59.0	1000.0	1000.000	H	33.0	15.0	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dB _i V/m)
2315.922000	45.4	1000.0	1000.000	H	32.9	8.6	54.0
2343.217250	45.3	1000.0	1000.000	H	32.9	8.7	54.0
2376.375750	45.1	1000.0	1000.000	H	33.0	8.9	54.0
2390.000000	44.9	1000.0	1000.000	H	33.0	9.1	54.0
2400.000000	45.2	1000.0	1000.000	H	33.0	8.8	54.0

Tested by: Chris Liang Reviewed by: Jacky Chen
20190411 20190411

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

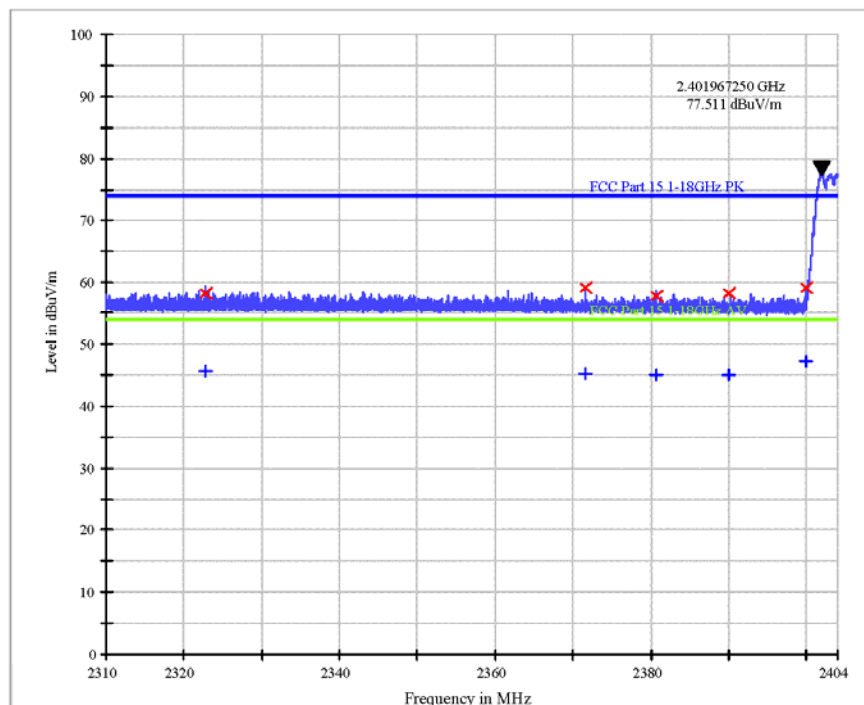
EMC Test Record (Emission)

Common Information

Manufacturer:	Seikaku
Test Item:	Mixer
Identification:	LD mixer 102A G3
Test Standard:	FCC Part 15
Test Detail:	Radiated Emission
Operation Mode:	Transmitting(Hopping-Low)
Climate Condition:	20 °C, 50 %, 100 k Pa
Test Voltage/ Freq:	AC 120V/60Hz
Receipt No:	174071875
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; Vertical

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

EMCTT_EREF011-A02-04_1GHz-18GHz



Tested by: *Chris Liang* Reviewed by: *Jacky Chen*
20190411 20190411

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)
2322.784000	58.2	1000.0	1000.000	V	32.9	15.8	74.0
2371.546500	59.1	1000.0	1000.000	V	33.0	14.9	74.0
2380.758500	57.9	1000.0	1000.000	V	33.0	16.1	74.0
2390.000000	58.2	1000.0	1000.000	V	33.0	15.8	74.0
2400.000000	59.1	1000.0	1000.000	V	33.0	14.9	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBuV/m)
2322.784000	45.5	1000.0	1000.000	V	32.9	8.5	54.0
2371.546500	45.2	1000.0	1000.000	V	33.0	8.8	54.0
2380.758500	45.1	1000.0	1000.000	V	33.0	8.9	54.0
2390.000000	45.0	1000.0	1000.000	V	33.0	9.0	54.0
2400.000000	47.2	1000.0	1000.000	V	33.0	6.8	54.0

Tested by: Chris Liang
20190411

Reviewed by: Jacky Chen
20190411

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Test Report No.

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

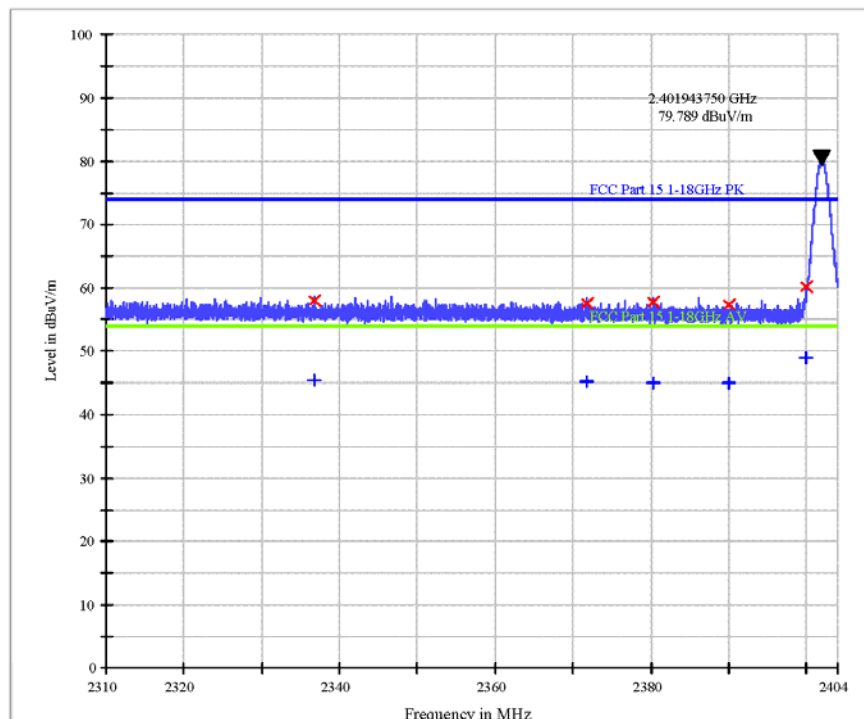
EMC Test Record (Emission)

Common Information

Manufacturer:	Seikaku
Test Item:	Mixer
Identification:	LD mixer 102A G3
Test Standard:	FCC Part 15
Test Detail:	Radiated Emission
Operation Mode:	Transmitting(BDR-Low)
Climate Condition:	20 °C, 50 %, 100 k Pa
Test Voltage/ Freq:	AC 120V/60Hz
Receipt No:	174071875
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; Horizontal

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

EMCTT_EREF011-A02-04_1GHz-18GHz



Tested by: *Chris Liang* Reviewed by: *Jacky Chen*
20190411 20190411

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dB _i V/m)
2336.754750	58.1	1000.0	1000.000	H	32.9	15.9	74.0
2371.805000	57.7	1000.0	1000.000	H	33.0	16.3	74.0
2380.347250	57.9	1000.0	1000.000	H	33.0	16.1	74.0
2390.000000	57.3	1000.0	1000.000	H	33.0	16.7	74.0
2400.000000	60.3	1000.0	1000.000	H	33.0	13.7	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dB _i V/m)
2336.754750	45.4	1000.0	1000.000	H	32.9	8.6	54.0
2371.805000	45.2	1000.0	1000.000	H	33.0	8.8	54.0
2380.347250	45.1	1000.0	1000.000	H	33.0	8.9	54.0
2390.000000	45.0	1000.0	1000.000	H	33.0	9.0	54.0
2400.000000	49.0	1000.0	1000.000	H	33.0	5.1	54.0

Tested by: *Chris Liang* 20190411

Reviewed by: *Jacky Chen* 20190411

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

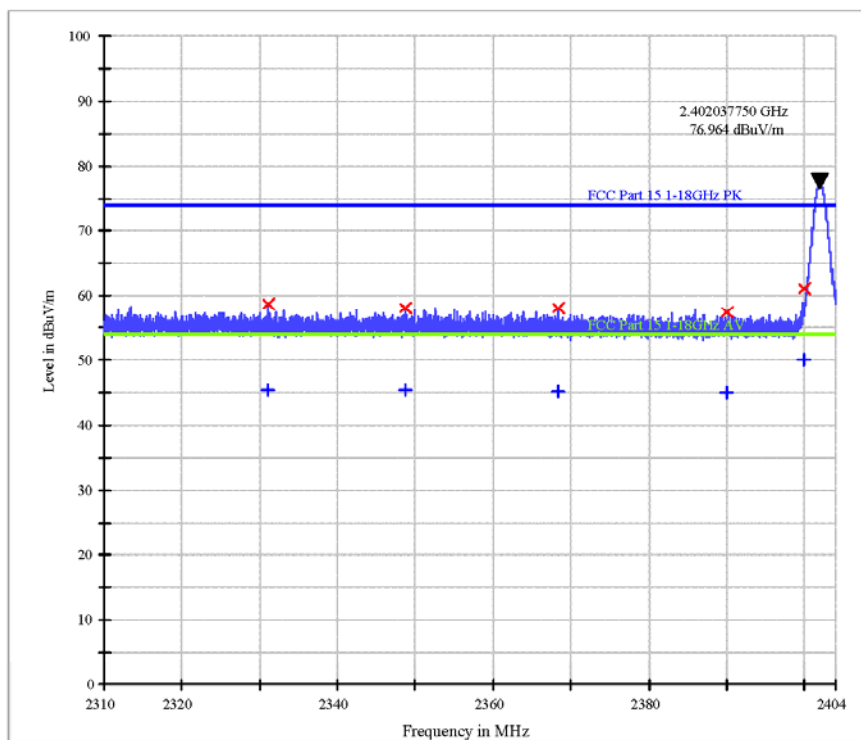
EMC Test Record (Emission)

Common Information

Manufacturer:	Seikaku
Test Item:	Mixer
Identification:	LD mixer 102A G3
Test Standard:	FCC Part 15
Test Detail:	Radiated Emission
Operation Mode:	Transmitting(BDR-Low)
Climate Condition:	20 °C, 50 %, 100 k Pa
Test Voltage/ Freq:	AC 120V/60Hz
Receipt No:	174071875
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; Vertical

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

EMCTT_EREF011-A02-04_1GHz-18GHz



Tested by:

Chris Liang
20190411

Reviewed by:

Jacky Chen
20190411

Prüfbericht - Nr.:

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dB μ V/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dB μ V/m)
2331.079500	58.7	1000.0	1000.000	V	32.9	15.3	74.0
2348.669250	58.1	1000.0	1000.000	V	32.9	15.9	74.0
2368.350500	58.1	1000.0	1000.000	V	33.0	15.9	74.0
2390.000000	57.5	1000.0	1000.000	V	33.0	16.5	74.0
2400.000000	61.2	1000.0	1000.000	V	33.0	12.8	74.0

Limit and Margin AV

Frequency (MHz)	Average (dB μ V/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dB μ V/m)
2331.079500	45.4	1000.0	1000.000	V	32.9	8.6	54.0
2348.669250	45.3	1000.0	1000.000	V	32.9	8.7	54.0
2368.350500	45.2	1000.0	1000.000	V	33.0	8.8	54.0
2390.000000	45.0	1000.0	1000.000	V	33.0	9.0	54.0
2400.000000	50.0	1000.0	1000.000	V	33.0	4.0	54.0

Tested by:

Chris Liang
20190411

Reviewed by:

Jacky Chen
20190411

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

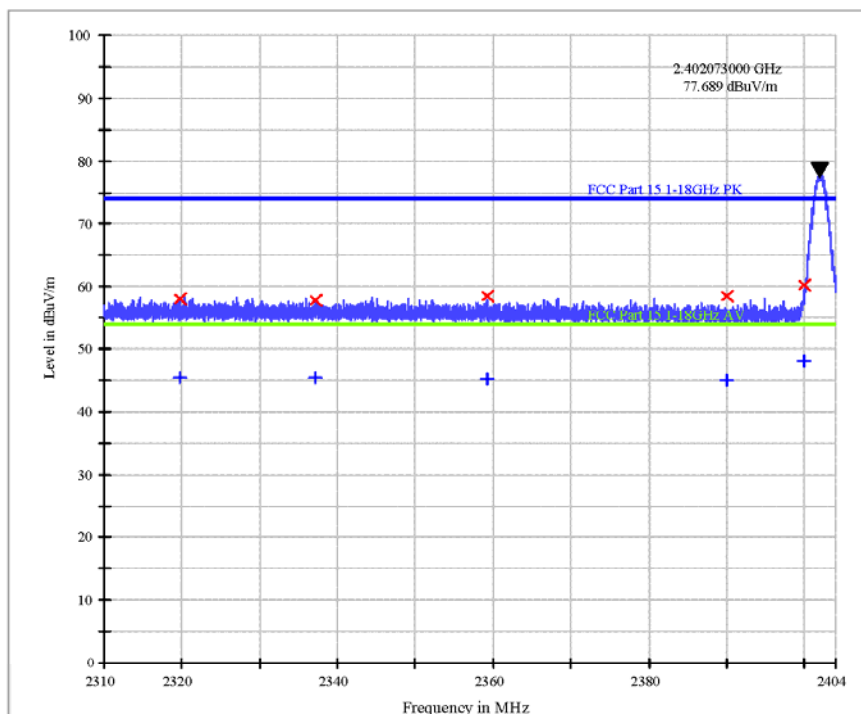
EMC Test Record (Emission)

Common Information

Manufacturer:	Seikaku
Test Item:	Mixer
Identification:	LD mixer 102A G3
Test Standard:	FCC Part 15
Test Detail:	Radiated Emission
Operation Mode:	Transmitting(EDR-Low)
Climate Condition:	20 °C, 50 %, 100 k Pa
Test Voltage/ Freq:	AC 120V/60Hz
Receipt No:	174071875
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; Horizontal

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

EMCTT_EREF011-A02-04_1GHz-18GHz



Tested by:	Chris Liang	Reviewed by:	Jacky Chen
	20190411		20190411

Prüfbericht - Nr.:

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dB _i V/m)
2319.705500	58.2	1000.0	1000.000	H	32.9	15.8	74.0
2337.166000	57.9	1000.0	1000.000	H	32.9	16.1	74.0
2359.197250	58.4	1000.0	1000.000	H	33.0	15.6	74.0
2390.000000	59.6	1000.0	1000.000	H	33.0	15.4	74.0
2400.000000	60.2	1000.0	1000.000	H	33.0	13.8	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dB _i V/m)
2319.705500	45.4	1000.0	1000.000	H	32.9	8.6	54.0
2337.166000	45.4	1000.0	1000.000	H	32.9	8.6	54.0
2359.197250	45.3	1000.0	1000.000	H	33.0	8.7	54.0
2390.000000	44.9	1000.0	1000.000	H	33.0	9.1	54.0
2400.000000	48.0	1000.0	1000.000	H	33.0	6.0	54.0

Tested by: *Chris Liang* 20190411

Reviewed by: *Jacky Chen* 20190411

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

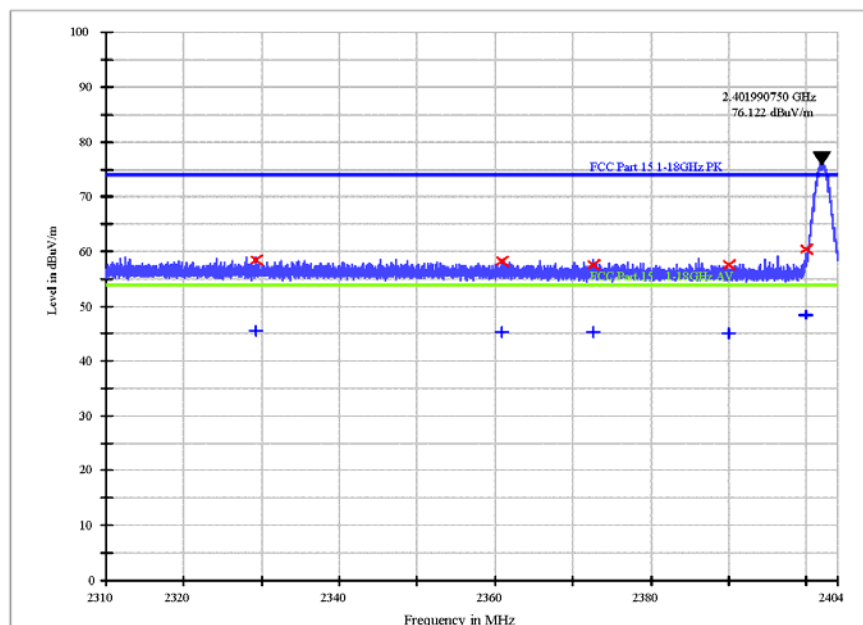
EMC Test Record (Emission)

Common Information

Manufacturer:	Seikaku
Test Item:	Mixer
Identification:	LD mixer 102A G3
Test Standard:	FCC Part 15
Test Detail:	Radiated Emission
Operation Mode:	Transmitting(EDR-Low)
Climate Condition:	20 °C, 50 %, 100 k Pa
Test Voltage/ Freq:	AC 120V/60Hz
Receipt No:	174071875
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; Vertical

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

EMC TT_EREF011-A02-04_1GHz-18GHz



Tested by: *Chris Liang* Reviewed by: *Jacky Chen*
20190411 20190411

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dB _i V/m)
2329.246500	58.4	1000.0	1000.000	V	32.9	15.6	74.0
2360.948000	58.3	1000.0	1000.000	V	33.0	15.7	74.0
2372.498250	57.7	1000.0	1000.000	V	33.0	16.3	74.0
2390.000000	57.7	1000.0	1000.000	V	33.0	16.3	74.0
2400.000000	60.5	1000.0	1000.000	V	33.0	13.5	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dB _i V/m)
2329.246500	45.5	1000.0	1000.000	V	32.9	8.5	54.0
2360.948000	45.2	1000.0	1000.000	V	33.0	8.8	54.0
2372.498250	45.1	1000.0	1000.000	V	33.0	8.9	54.0
2390.000000	44.9	1000.0	1000.000	V	33.0	9.1	54.0
2400.000000	48.5	1000.0	1000.000	V	33.0	5.5	54.0

Tested by: *Chris Liang* Reviewed by: *Jacky Chen*
20190411 20190411

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

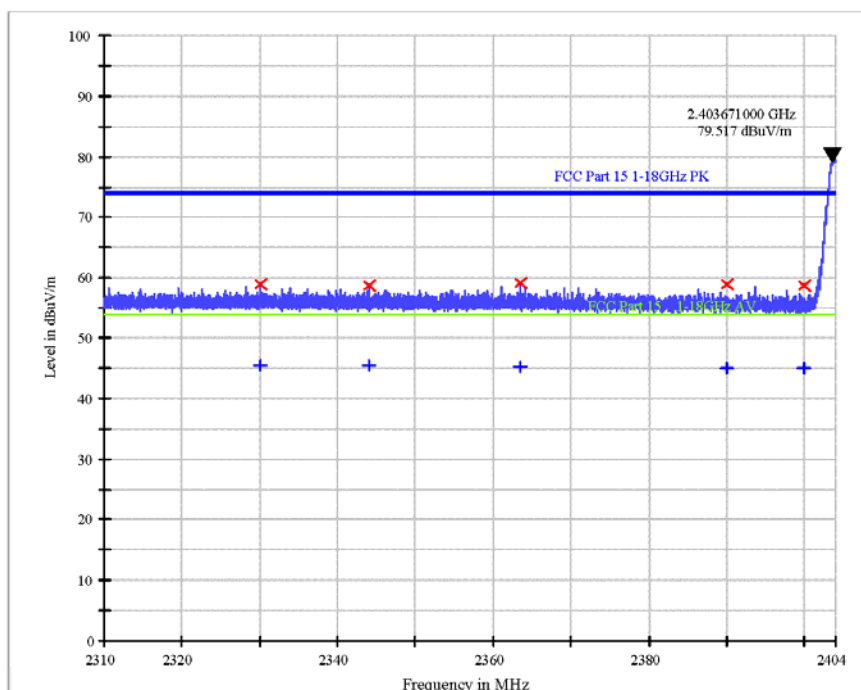
EMC Test Record (Emission)

Common Information

Manufacturer:	Seikaku
Test Item:	Mixer
Identification:	LD mixer 102A G3
Test Standard:	FCC Part 15
Test Detail:	Radiated Emission
Operation Mode:	Transmitting(BLE-Low)
Climate Condition:	20 °C, 50 %, 100 k Pa
Test Voltage/ Freq:	AC 120V/60Hz
Receipt No:	174071875
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; Horizontal

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

EMCTT_EREF011-A02-04_1GHz-18GHz



Tested by:	Chris Liang	Reviewed by:	Jacky Chen
	20190411		20190411

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dB _i V/m)
2330.104250	58.9	1000.0	1000.000	H	32.9	15.1	74.0
2344.122000	58.8	1000.0	1000.000	H	32.9	15.2	74.0
2363.497750	59.1	1000.0	1000.000	H	33.0	14.9	74.0
2390.000000	58.9	1000.0	1000.000	H	33.0	15.1	74.0
2400.000000	58.8	1000.0	1000.000	H	33.0	15.2	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dB _i V/m)
2330.104250	45.5	1000.0	1000.000	H	32.9	8.6	54.0
2344.122000	45.4	1000.0	1000.000	H	32.9	8.6	54.0
2363.497750	45.3	1000.0	1000.000	H	33.0	8.7	54.0
2390.000000	45.0	1000.0	1000.000	H	33.0	9.0	54.0
2400.000000	45.0	1000.0	1000.000	H	33.0	9.0	54.0

Tested by: *Chris Liang* Reviewed by: *Jacky Chen*
20190411 20190411

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Test Report No.

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

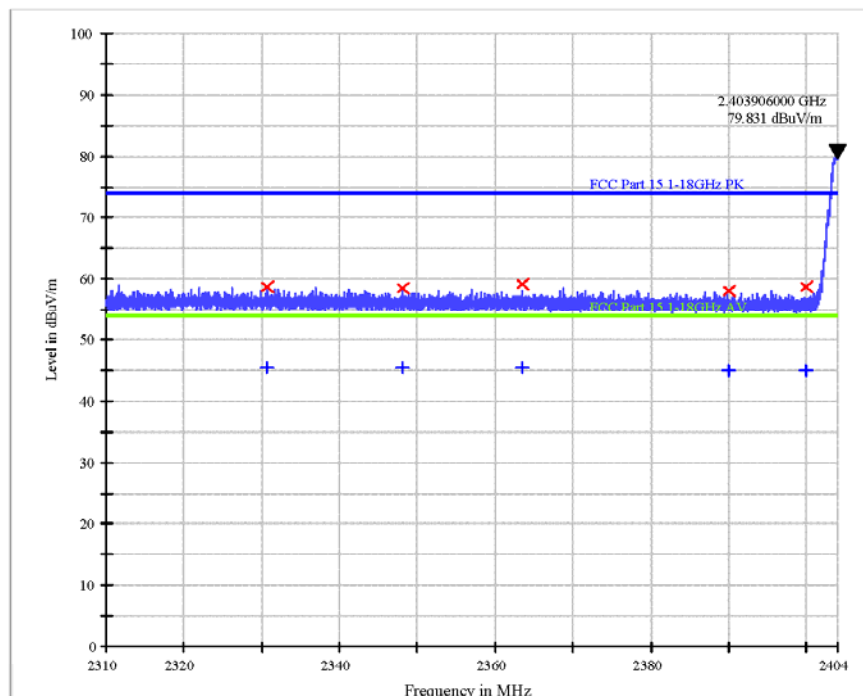
EMC Test Record (Emission)

Common Information

Manufacturer:	Seikaku
Test Item:	Mixer
Identification:	LD mixer 102A G3
Test Standard:	FCC Part 15
Test Detail:	Radiated Emission
Operation Mode:	Transmitting(BLE-Low)
Climate Condition:	20 °C, 50 %, 100 k Pa
Test Voltage/ Freq:	AC 120V/60Hz
Receipt No:	174071875
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; Vertical

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

EMCTT_EREF011-A02-04_1GHz-18GHz



Tested by:	Chris Liang	Reviewed by:	Jacky Chen
	20190411		20190411

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dB _i V/m)
2330.762250	58.7	1000.0	1000.000	V	32.9	15.3	74.0
2348.011250	58.5	1000.0	1000.000	V	32.9	15.5	74.0
2363.474250	59.1	1000.0	1000.000	V	33.0	14.9	74.0
2390.000000	59.2	1000.0	1000.000	V	33.0	15.9	74.0
2400.000000	58.7	1000.0	1000.000	V	33.0	15.3	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dB _i V/m)
2330.762250	45.5	1000.0	1000.000	V	32.9	8.5	54.0
2348.011250	45.4	1000.0	1000.000	V	32.9	8.6	54.0
2363.474250	45.3	1000.0	1000.000	V	33.0	8.7	54.0
2390.000000	45.1	1000.0	1000.000	V	33.0	8.9	54.0
2400.000000	45.1	1000.0	1000.000	V	33.0	8.9	54.0

Tested by:

Chris Liang
20190411

Reviewed by:

Jacky Chen
20190411

Prüfbericht - Nr.:

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

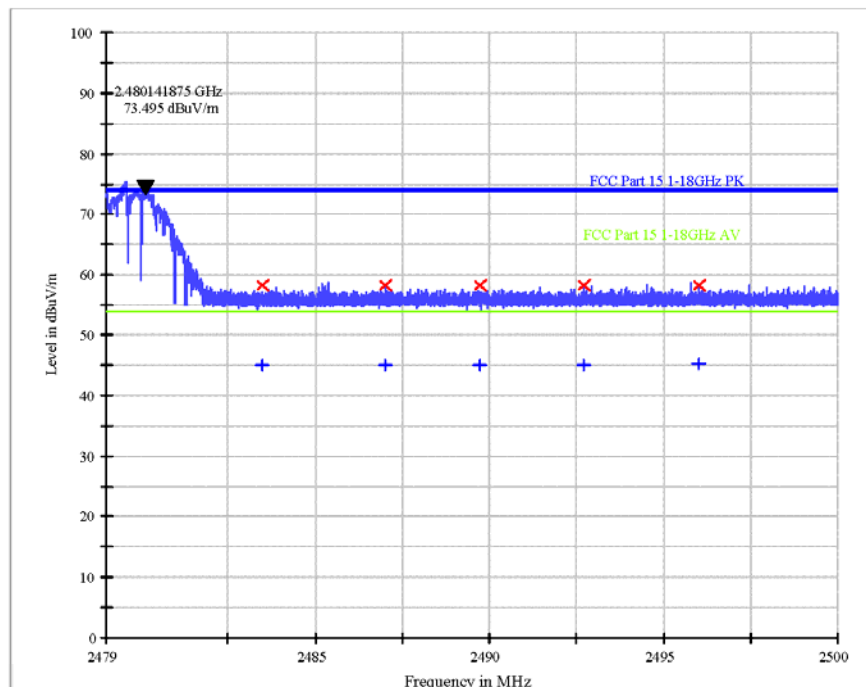
EMC Test Record (Emission)

Common Information

Manufacturer:	Seikaku
Test Item:	Mixer
Identification:	LD mixer 102A G3
Test Standard:	FCC Part 15
Test Detail:	Radiated Emission
Operation Mode:	Transmitting(Hopping-High)
Climate Condition:	20 °C, 50 %, 100 k Pa
Test Voltage/ Freq:	AC 120V/60Hz
Receipt No:	174071875
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; Horizontal

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

EMCTT_EREF011-A02-04_1GHz-18GHz



Tested by: *Chris Liang* Reviewed by: *Jacky Chen*
20190411 20190411

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dB _i V/m)
2483.500000	58.3	1000.0	1000.000	H	33.2	15.7	74.0
2487.022000	58.3	1000.0	1000.000	H	33.2	15.7	74.0
2489.733625	58.4	1000.0	1000.000	H	33.2	15.7	74.0
2492.707750	58.4	1000.0	1000.000	H	33.2	15.7	74.0
2496.002125	58.2	1000.0	1000.000	H	33.2	15.8	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dB _i V/m)
2483.500000	45.0	1000.0	1000.000	H	33.2	9.0	54.0
2487.022000	45.0	1000.0	1000.000	H	33.2	9.0	54.0
2489.733625	45.0	1000.0	1000.000	H	33.2	9.0	54.0
2492.707750	45.0	1000.0	1000.000	H	33.2	9.0	54.0
2496.002125	45.1	1000.0	1000.000	H	33.2	8.9	54.0

Tested by:

Chris Liang
20190411

Reviewed by:

Jacky Chen
20190411

Prüfbericht - Nr.:

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

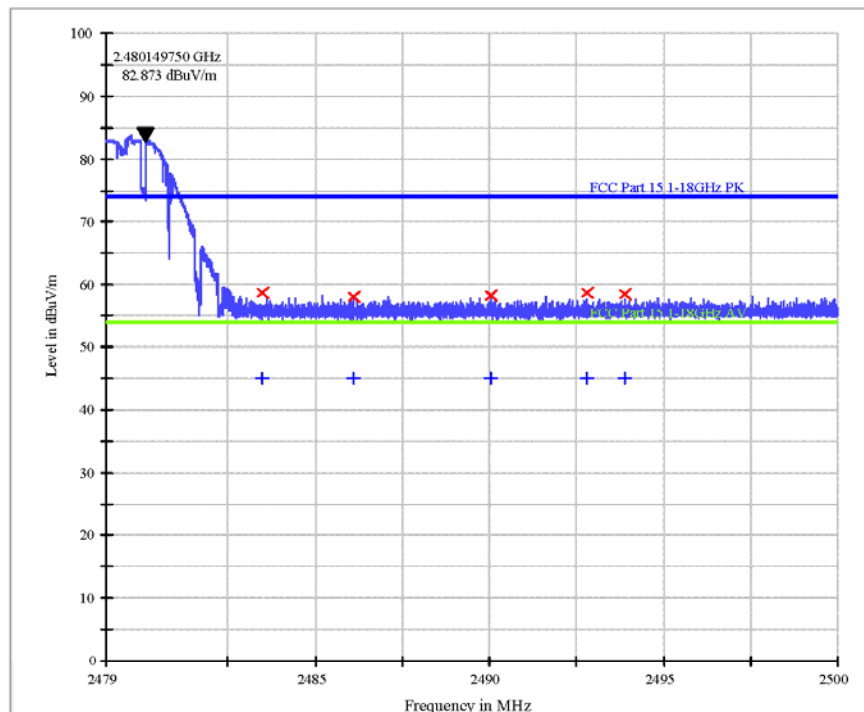
EMC Test Record (Emission)

Common Information

Manufacturer:	Seikaku
Test Item:	Mixer
Identification:	LD mixer 102A G3
Test Standard:	FCC Part 15
Test Detail:	Radiated Emission
Operation Mode:	Transmitting(Hopping-High)
Climate Condition:	20 °C, 50 %, 100 k Pa
Test Voltage/ Freq:	AC 120V/60Hz
Receipt No:	174071875
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; Vertical

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

EMCTT_EREF011-A02-04_1GHz-18GHz



Tested by: *Chris Liang* Reviewed by: *Jacky Chen*
20190411 20190411

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dB ₁ /V/m)
2483.500000	58.7	1000.0	1000.000	V	33.2	15.3	74.0
2486.103250	58.2	1000.0	1000.000	V	33.2	15.9	74.0
2490.059125	58.3	1000.0	1000.000	V	33.2	15.7	74.0
2492.907500	58.8	1000.0	1000.000	V	33.2	15.2	74.0
2493.889000	58.5	1000.0	1000.000	V	33.2	15.5	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dB ₁ /V/m)
2483.500000	45.1	1000.0	1000.000	V	33.2	8.9	54.0
2486.103250	45.0	1000.0	1000.000	V	33.2	9.0	54.0
2490.059125	45.0	1000.0	1000.000	V	33.2	9.0	54.0
2492.907500	45.0	1000.0	1000.000	V	33.2	9.0	54.0
2493.889000	45.1	1000.0	1000.000	V	33.2	9.0	54.0

Tested by: *Chris Liang* Reviewed by: *Jacky Chen*
20190411 20190411

Prüfbericht - Nr.:
Test Report No.

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

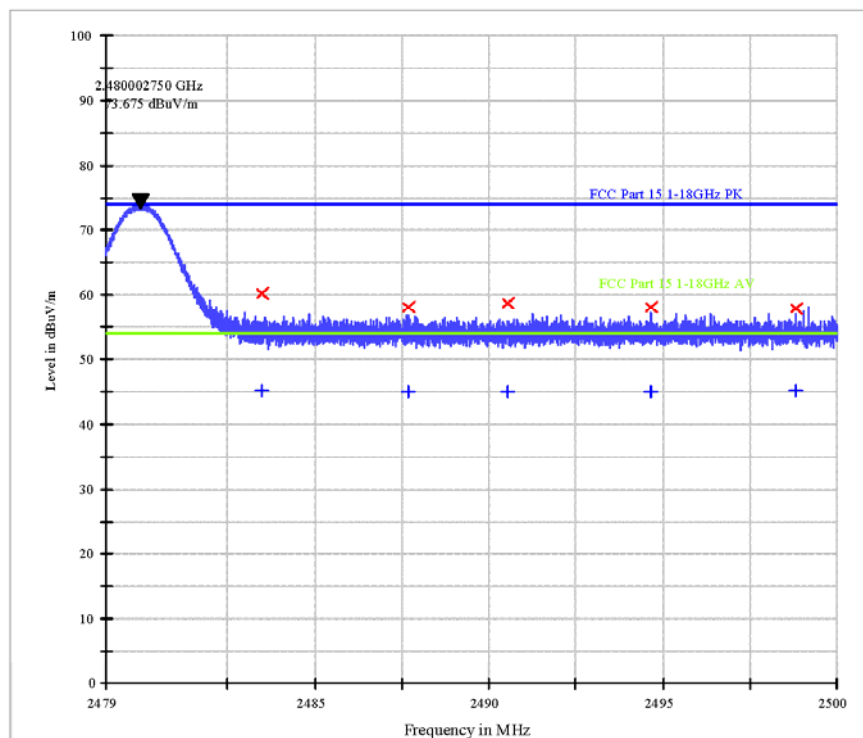
EMC Test Record (Emission)

Common Information

Manufacturer:	Seikaku
Test Item:	Mixer
Identification:	LD mixer 102A G3
Test Standard:	FCC Part 15
Test Detail:	Radiated Emission
Operation Mode:	Transmitting(BDR-High)
Climate Condition:	20 °C, 50 %, 100 k Pa
Test Voltage/ Freq:	AC 120V/60Hz
Receipt No:	174071875
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; Horizontal

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

EMCTT_ERE011-A02-04_1GHz-18GHz



Tested by: *Chris Liang* Reviewed by: *Jacky Chen*
20190411 20190411

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dB ₁ /V/m)
2483.500000	60.2	1000.0	1000.000	H	33.2	13.8	74.0
2487.688750	58.0	1000.0	1000.000	H	33.2	16.0	74.0
2490.555250	58.8	1000.0	1000.000	H	33.2	15.2	74.0
2494.666000	58.1	1000.0	1000.000	H	33.2	15.9	74.0
2498.810875	57.8	1000.0	1000.000	H	33.2	16.2	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dB ₁ /V/m)
2483.500000	45.2	1000.0	1000.000	H	33.2	8.8	54.0
2487.688750	45.0	1000.0	1000.000	H	33.2	9.0	54.0
2490.555250	45.0	1000.0	1000.000	H	33.2	9.0	54.0
2494.666000	45.0	1000.0	1000.000	H	33.2	9.0	54.0
2498.810875	45.1	1000.0	1000.000	H	33.2	8.9	54.0

Tested by: *Chris Liang* Reviewed by: *Jacky Chen*
20190411 20190411

Prüfbericht - Nr.:

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Test Report No.

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

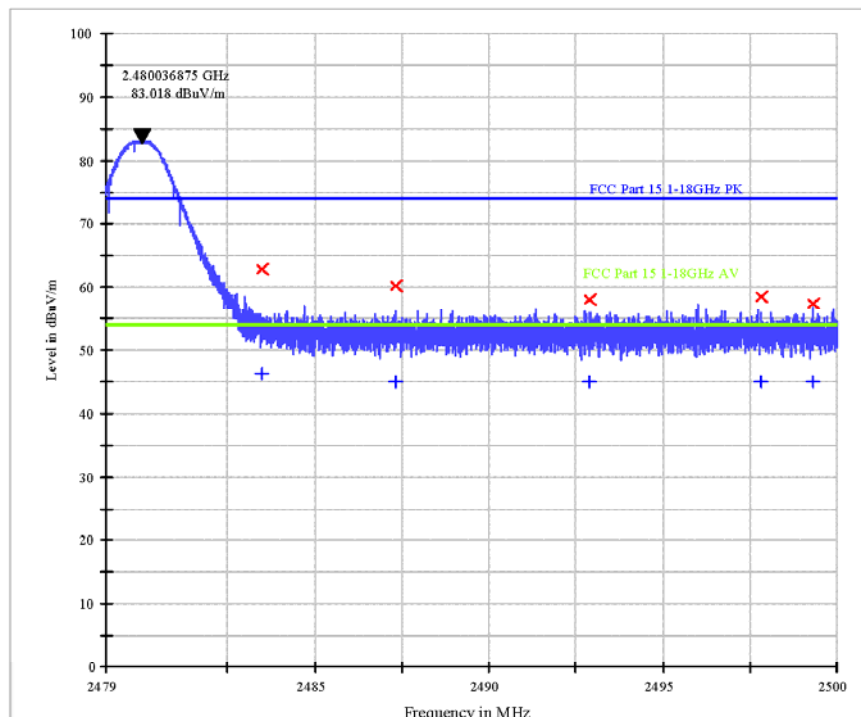
EMC Test Record (Emission)

Common Information

Manufacturer:	Seikaku
Test Item:	Mixer
Identification:	LD mixer 102A G3
Test Standard:	FCC Part 15
Test Detail:	Radiated Emission
Operation Mode:	Transmitting(BDR-High)
Climate Condition:	20 °C, 50 %, 100 k Pa
Test Voltage/ Freq:	AC 120V/60Hz
Receipt No:	174071875
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; Vertical

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

EMCTT_ERE011-A02-04_1GHz-18GHz



Tested by: *Chris Liang* Reviewed by: *Jacky Chen*
20190411 20190411

Prüfbericht - Nr.:

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dB V/m)
2483.500000	62.8	1000.0	1000.000	V	33.2	11.2	74.0
2487.347500	60.3	1000.0	1000.000	V	33.2	13.7	74.0
2492.888875	58.1	1000.0	1000.000	V	33.2	15.9	74.0
2497.808125	58.5	1000.0	1000.000	V	33.2	15.5	74.0
2499.341125	57.4	1000.0	1000.000	V	33.2	16.6	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dB V/m)
2483.500000	46.4	1000.0	1000.000	V	33.2	7.6	54.0
2487.347500	45.1	1000.0	1000.000	V	33.2	8.9	54.0
2492.888875	45.1	1000.0	1000.000	V	33.2	8.9	54.0
2497.808125	45.1	1000.0	1000.000	V	33.2	8.9	54.0
2499.341125	45.1	1000.0	1000.000	V	33.2	8.9	54.0

Tested by:

Chris Liang
20190411

Reviewed by:

Jacky Chen
20190411

Prüfbericht - Nr.:
Test Report No.

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

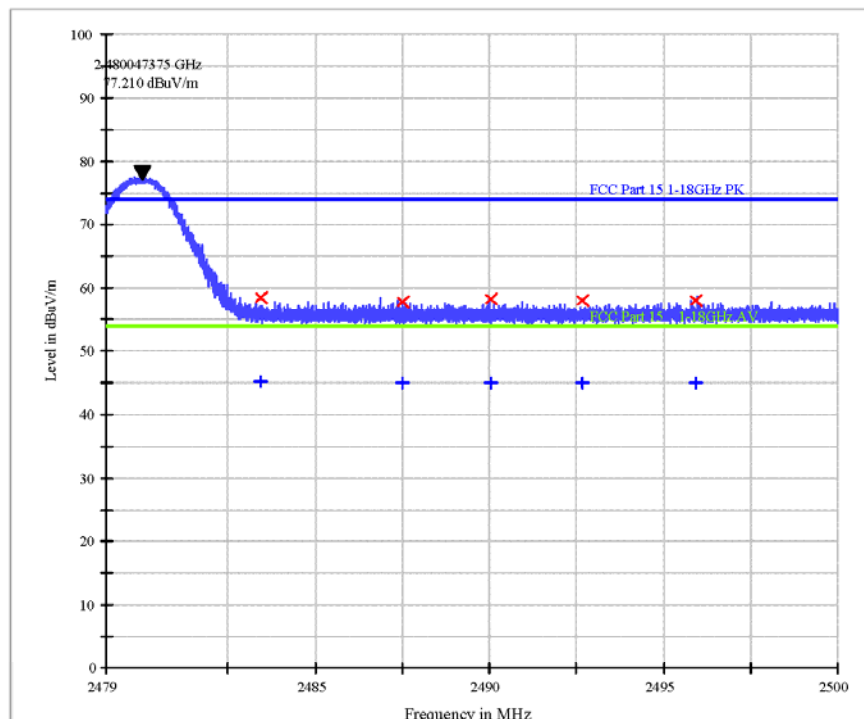
EMC Test Record (Emission)

Common Information

Manufacturer:	Seikaku
Test Item:	Mixer
Identification:	LD mixer 102A G3
Test Standard:	FCC Part 15
Test Detail:	Radiated Emission
Operation Mode:	Transmitting(EDR-High)
Climate Condition:	20 °C, 50 %, 100 k Pa
Test Voltage/ Freq:	AC 120V/60Hz
Receipt No:	174071875
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; Horizontal

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

EMCTT_EREF011-A02-04_1GHz-18GHz



Tested by: *Chris Liang* Reviewed by: *Jacky Chen*
20190411 20190411

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dB _i V/m)
2483.440000	58.5	1000.0	1000.000	H	33.2	15.5	74.0
2487.520000	57.9	1000.0	1000.000	H	33.2	16.1	74.0
2490.040000	58.2	1000.0	1000.000	H	33.2	15.8	74.0
2492.680000	58.2	1000.0	1000.000	H	33.2	15.8	74.0
2495.920000	58.1	1000.0	1000.000	H	33.2	15.9	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dB _i V/m)
2483.440000	45.2	1000.0	1000.000	H	33.2	8.9	54.0
2487.520000	45.0	1000.0	1000.000	H	33.2	9.0	54.0
2490.040000	45.0	1000.0	1000.000	H	33.2	9.0	54.0
2492.680000	45.0	1000.0	1000.000	H	33.2	9.0	54.0
2495.920000	45.1	1000.0	1000.000	H	33.2	8.9	54.0

Tested by:

Chris Liang
20190411

Reviewed by:

Jacky Chen
20190411

Prüfbericht - Nr.:

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

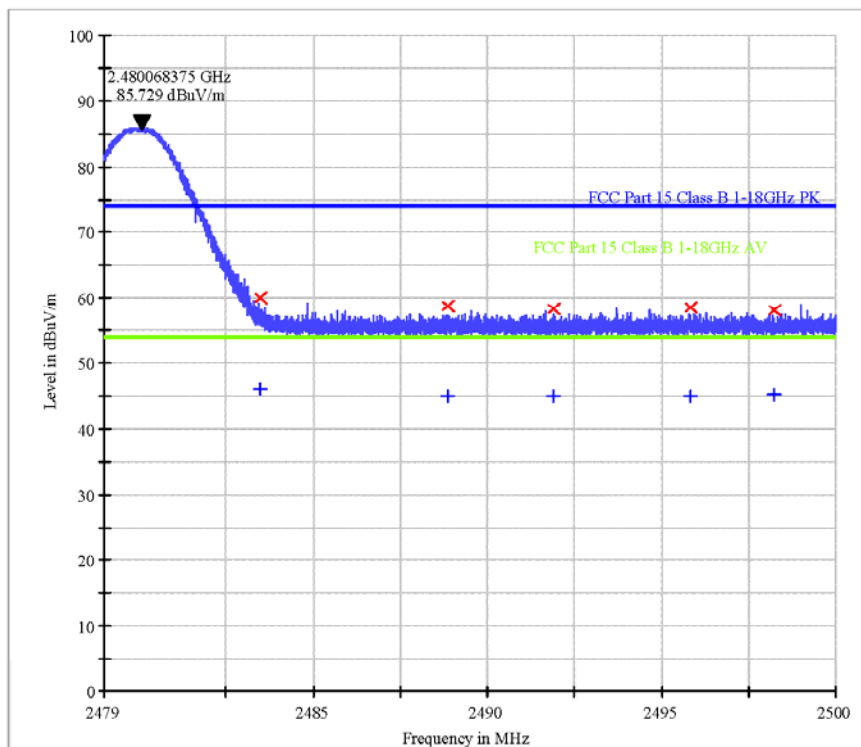
EMC Test Record (Emission)

Common Information

Manufacturer:	Seikaku
Test Item:	Mixer
Identification:	LD mixer 102A G3
Test Standard:	FCC Part 15
Test Detail:	Radiated Emission
Operation Mode:	Transmitting(EDR-High)
Climate Condition:	20 °C, 50 %, 100 k Pa
Test Voltage/ Freq:	AC 120V/60Hz
Receipt No:	174071875
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; Vertical

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

EMCTT_ERE011-A02-04_1GHz-18GHz



Tested by:

Chris Liang
20190411

Reviewed by:

Jacky Chen
20190411

Prüfbericht - Nr.:

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)
2483.500000	60.0	1000.0	1000.000	V	33.2	14.1	74.0
2488.867375	58.7	1000.0	1000.000	V	33.2	15.3	74.0
2491.917625	58.2	1000.0	1000.000	V	33.2	15.8	74.0
2495.855125	58.5	1000.0	1000.000	V	33.2	15.5	74.0
2498.233375	58.1	1000.0	1000.000	V	33.2	15.9	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBuV/m)
2483.500000	46.1	1000.0	1000.000	V	33.2	7.9	54.0
2488.867375	45.0	1000.0	1000.000	V	33.2	9.0	54.0
2491.917625	45.0	1000.0	1000.000	V	33.2	9.0	54.0
2495.855125	45.1	1000.0	1000.000	V	33.2	8.9	54.0
2498.233375	45.1	1000.0	1000.000	V	33.2	8.9	54.0

Tested by:

Chris Liang
20190411

Reviewed by:

Jacky Chen
20190411

Prüfbericht - Nr.:
Test Report No.

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

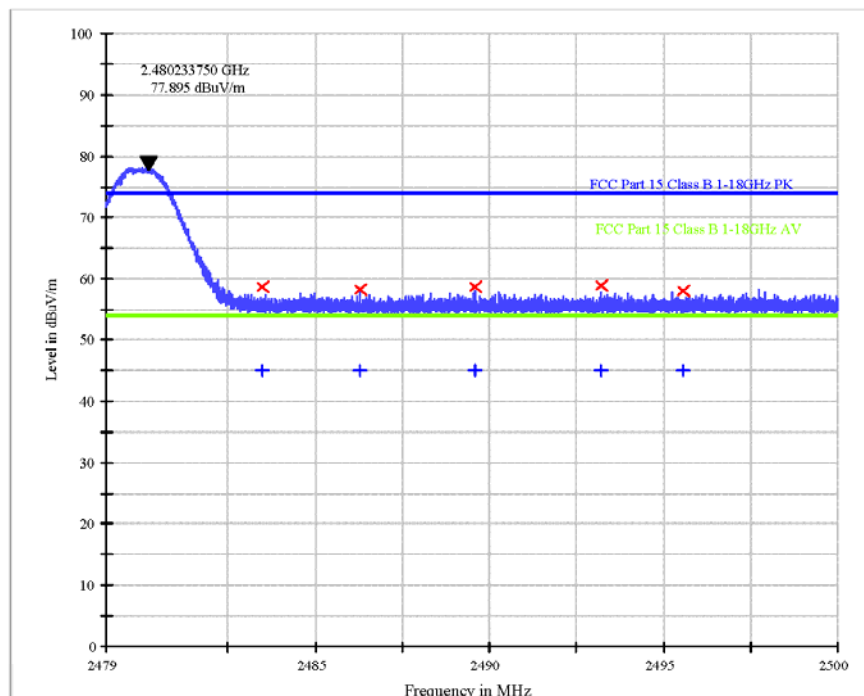
EMC Test Record (Emission)

Common Information

Manufacturer:	Seikaku
Test Item:	Mixer
Identification:	LD mixer 102A G3
Test Standard:	FCC Part 15
Test Detail:	Radiated Emission
Operation Mode:	Transmitting(BLE-High)
Climate Condition:	20 °C, 50 %, 100 k Pa
Test Voltage/ Freq:	AC 120V/60Hz
Receipt No:	174071875
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; Horizontal

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

EMCTT_EREF011-A02-04_1GHz-18GHz



Tested by: Chris Liang 20190411
Reviewed by: Jacky Chen 20190411

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dB _i V/m)
2483.500000	58.6	1000.0	1000.000	H	33.2	15.4	74.0
2486.297500	58.3	1000.0	1000.000	H	33.2	15.7	74.0
2489.573500	58.8	1000.0	1000.000	H	33.2	15.2	74.0
2493.206500	58.9	1000.0	1000.000	H	33.2	15.1	74.0
2495.555875	58.2	1000.0	1000.000	H	33.2	15.8	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dB _i V/m)
2483.500000	45.1	1000.0	1000.000	H	33.2	8.9	54.0
2486.297500	45.0	1000.0	1000.000	H	33.2	9.0	54.0
2489.573500	45.0	1000.0	1000.000	H	33.2	9.0	54.0
2493.206500	45.0	1000.0	1000.000	H	33.2	9.0	54.0
2495.555875	45.1	1000.0	1000.000	H	33.2	9.0	54.0

Tested by: *Chris Liang* Reviewed by: *Jacky Chen*
20190411 20190411

Prüfbericht - Nr.:

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

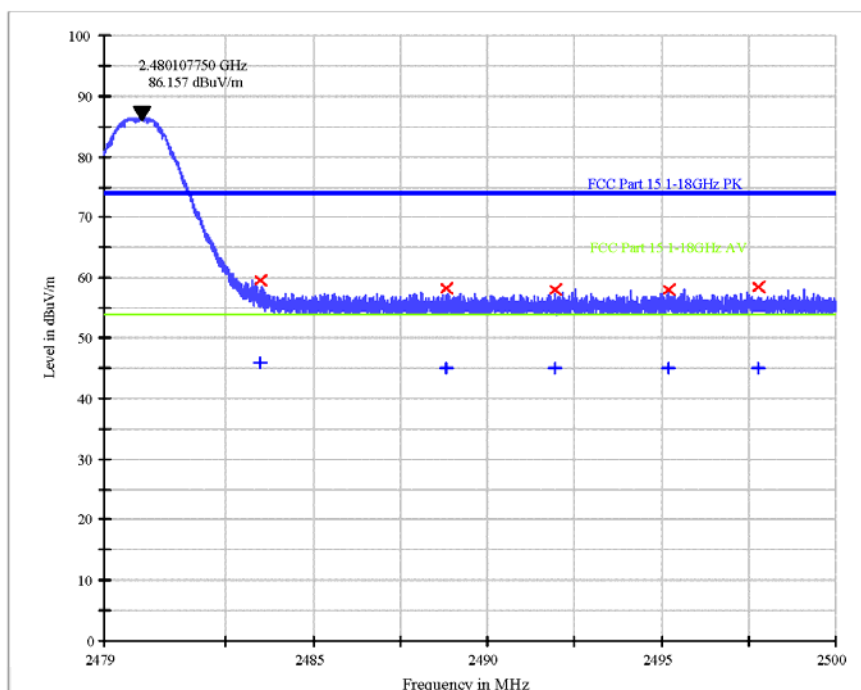
EMC Test Record (Emission)

Common Information

Manufacturer:	Seikaku
Test Item:	Mixer
Identification:	LD mixer 102A G3
Test Standard:	FCC Part 15
Test Detail:	Radiated Emission
Operation Mode:	Transmitting(BLE-High)
Climate Condition:	20 °C, 50 %, 100 k Pa
Test Voltage/ Freq:	AC 120V/60Hz
Receipt No:	174071875
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; Vertical

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

EMCTT_EREF011-A02-04_1GHz-18GHz



Tested by:

Chris Liang
20190411

Reviewed by:

Jacky Chen
20190411

Prüfbericht - Nr.:

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dB μ V/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dB μ V/m)
2483.500000	59.6	1000.0	1000.000	V	33.2	14.4	74.0
2488.809625	58.2	1000.0	1000.000	V	33.2	15.8	74.0
2491.930750	58.0	1000.0	1000.000	V	33.2	16.0	74.0
2495.196250	58.1	1000.0	1000.000	V	33.2	15.9	74.0
2497.760875	58.5	1000.0	1000.000	V	33.2	15.6	74.0

Limit and Margin AV

Frequency (MHz)	Average (dB μ V/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dB μ V/m)
2483.500000	45.9	1000.0	1000.000	V	33.2	8.1	54.0
2488.809625	45.0	1000.0	1000.000	V	33.2	9.0	54.0
2491.930750	45.0	1000.0	1000.000	V	33.2	9.0	54.0
2495.196250	45.0	1000.0	1000.000	V	33.2	9.0	54.0
2497.760875	45.1	1000.0	1000.000	V	33.2	8.9	54.0

Tested by: *Chris Liang* 20190411

Reviewed by: *Jacky Chen* 20190411

Prüfbericht - Nr.:

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TÜV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

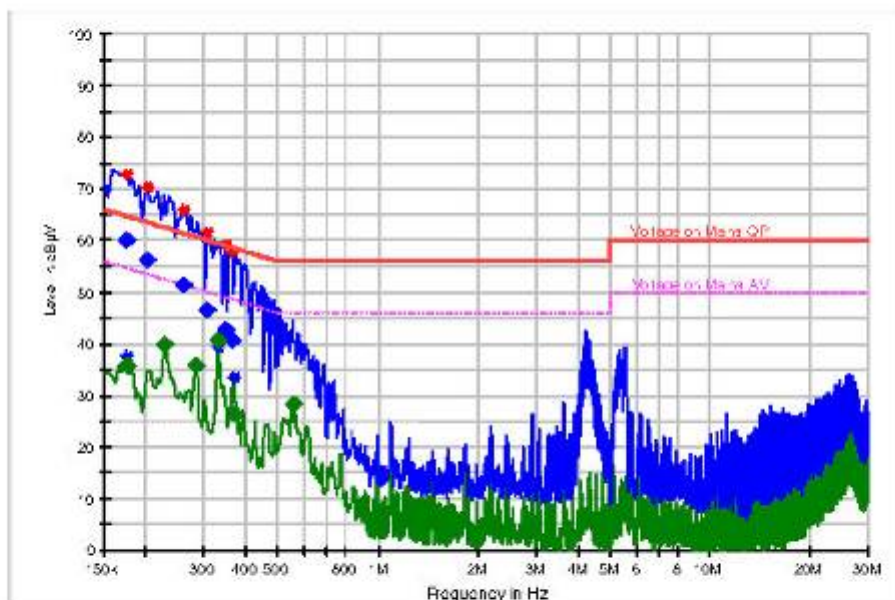
EMC Test Record (EMISSION)

Test Information

Manufacturer: Seikaku
Test Item: MIXER
Identification: LDMIX102AG3, LDMIX102G3
Test Standard: FCC PART 15
Test Detail: Conducted Emission
Operation Mode: BT mode
Climate Condition: 22 °C; 54 %RH; 101 kPa
Test Voltage/ Freq.: AC120V/ 60 Hz
Port / Line: AC Mains (L1+N)
Receipt No.: 174071875
Report No.: 16080746 001
Result: Pass
Comment: /

Hardware Setup: 1phase LISN ENV216 to ESCI 3
Level Unit: dBµV

Subrange	Detectors	F Bandwidth	Step Size	Meas. Time	Receiver
150kHz - 30MHz	Peak, Average	9kHz	4.5kHz	10ms	ESCI 3



Tested by:

Yang Yang
2017.11.02

Reviewed by:

Jacky Chen
20171113

Prüfbericht - Nr.:

50141724 001

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TUV Rheinland (Guangdong) Ltd.

BMC Test Service Hotline: +86-20-28391188

Final Result

Frequency (MHz)	QuasiPeak (dBμV)	CAverage (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.174000	--	35.72	54.77	19.05	1000.	9.000	N	OFF	9.6
0.174000	60.06	--	64.77	4.71	1000.	9.000	N	OFF	9.6
0.202000	56.39	--	63.53	7.13	1000.	9.000	N	OFF	9.7
0.226000	--	39.80	52.60	12.80	1000.	9.000	N	OFF	9.6
0.258000	51.28	--	61.50	10.22	1000.	9.000	N	OFF	9.6
0.282000	--	35.74	50.76	15.02	1000.	9.000	N	OFF	9.6
0.306000	46.52	--	60.08	13.56	1000.	9.000	N	OFF	9.6
0.330000	--	40.67	49.45	8.79	1000.	9.000	N	OFF	9.6
0.346000	42.80	--	59.06	16.26	1000.	9.000	N	OFF	9.6
0.362000	40.77	--	58.68	17.91	1000.	9.000	N	OFF	9.6
0.366000	--	26.33	48.59	22.26	1000.	9.000	N	OFF	9.6
0.554000	--	28.35	46.00	17.65	1000.	9.000	N	OFF	9.6

Tested by:

Yang Yang

2017.11.02

Reviewed by:

Jacky Chen

20171113

Prüfbericht - Nr.:

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TÜV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

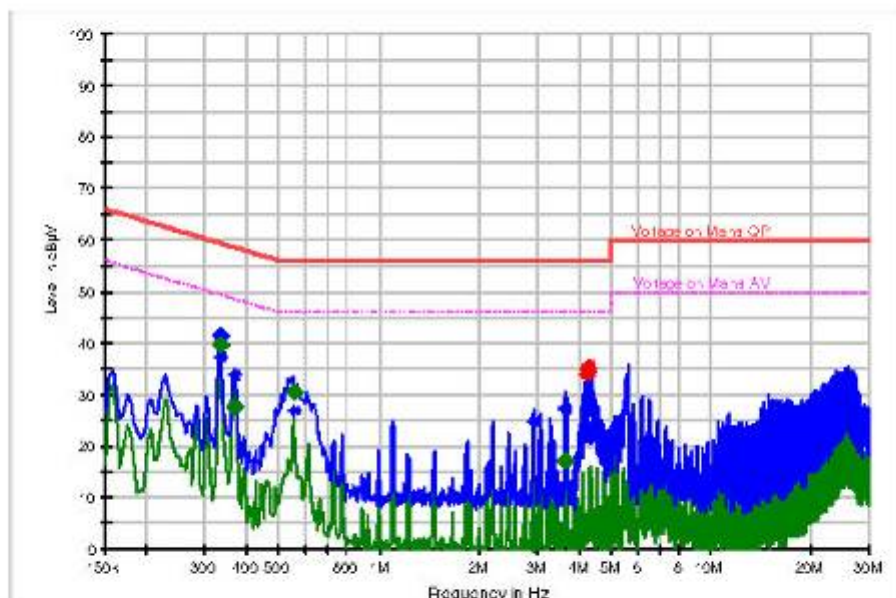
EMC Test Record (EMISSION)

Test Information

Manufacturer: Seikaku
Test Item: MIXER
Identification: LDMIX102AG3, LDMIX102G3
Test Standard: FCC PART 15
Test Detail: Conducted Emission
Operation Mode: BT mode
Climate Condition: 22 °C; 54 %RH; 101 kPa
Test Voltage/ Freq.: AC240V/ 50 Hz
Port / Line: AC Mains (L1+N)
Receipt No.: 174071875
Report No.: 16080746 001
Result: Pass
Comment: /

Hardware Setup: 1phase LISN ENV216 to ESCI 3
Level Unit: dBµV

Subrange	Detectors	F Bandwidth	Step Size	Meas. Time	Receiver
150kHz - 30MHz	Peak, Average	9kHz	4.5kHz	10ms	ESCI 3



Tested by:

Yang Yang
2017.11.02

Reviewed by:

Jacky Chen
20171113

Prüfbericht - Nr.:

50141724 001

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Test Report No.

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TUV Rheinland (Guangdong) Ltd.

BMC Test Service Hotline: +86-20-28391188

Final Result

Frequency (MHz)	Quasi-Peak (dBμV)	C-Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.334000	--	39.58	49.35	9.68	1000.	9.000	L1	OFF	9.5
0.334000	41.33	--	59.35	18.02	1000.	9.000	N	OFF	9.6
0.306000	--	27.50	48.59	21.10	1000.	9.000	N	OFF	9.6
0.554000	--	30.52	46.00	15.48	1000.	9.000	N	OFF	9.6
2.930000	--	0.66	46.00	45.34	1000.	9.000	N	OFF	9.7
3.630000	--	17.22	46.00	28.78	1000.	9.000	L1	OFF	9.7
3.658000	--	2.09	46.00	43.91	1000.	9.000	N	OFF	9.7
4.198000	22.05	--	56.00	33.95	1000.	9.000	N	OFF	9.8
4.226000	22.98	--	56.00	33.02	1000.	9.000	N	OFF	9.8
4.254000	23.17	--	56.00	32.83	1000.	9.000	N	OFF	9.8
4.282000	22.40	--	56.00	33.60	1000.	9.000	N	OFF	9.7
4.334000	21.70	--	56.00	34.30	1000.	9.000	N	OFF	9.7

Tested by:

Yang Yang

2017.11.02

Reviewed by:

Jacky Chen

20171113