

Prüfbericht-Nr.: <i>Test report No.:</i>	CN219TJX 001	Auftrags-Nr.: <i>Order No.:</i>	170257888	Seite 1 von 22 <i>Page 1 of 22</i>
Kunden-Referenz-Nr.: <i>Client reference No.:</i>	N/A	Auftragsdatum: <i>Order date.:</i>	07.12.2020	
Auftraggeber: <i>Client:</i>	Wear Future Technologies Co., LTD 23A Floor, Building 3, Zhongke R & D Park, No.009, Gaoxin South 1st Road, High-tech Zone Community, Yuehai Street, Nanshan District, Shenzhen			
Prüfgegenstand: <i>Test item:</i>	Neck Massager			
Bezeichnung / Typ-Nr.: <i>Identification / Type No.:</i>	K6-EN			
Auftrags-Inhalt: <i>Order content:</i>	FCC approval			
Prüfgrundlage: <i>Test specification:</i>	CFR47 FCC Part 15: Subpart C Section 15.247 CFR47 FCC Part 15: Subpart C Section 15.207 CFR47 FCC Part 15: Subpart C Section 15.209 FCC KDB Publication 447498 D01 v06			
Wareneingangsdatum: <i>Date of receipt:</i>	18.12.2020			
Prüfmuster-Nr.: <i>Test sample No.:</i>	A002957634			
Prüfzeitraum: <i>Testing period:</i>	Refer to test report			
Ort der Prüfung: <i>Place of testing:</i>	TÜV Rheinland (Guangdong) Co.,Ltd. EMC Laboratory			
Prüflaboratorium: <i>Testing laboratory:</i>	TÜV Rheinland (Guangdong) Co., Ltd.			
Prüfergebnis*: <i>Test result*:</i>	Pass			
geprüft von / tested by:				
 11.03.2021 Storm Shu / Project Manager		 11.03.2021 Amy Wang / Technical Certifier		
Datum <i>Date</i>	Name/Stellung <i>Name/Position</i>	Unterschrift <i>Signature</i>	Datum <i>Date</i>	Name/Stellung <i>Name/Position</i>
Sonstiges / Other:				
FCC ID: 2AYVT-K6-EN				
Zustand des Prüfgegenstandes bei Anlieferung: <i>Condition of the test item at delivery:</i>		Prüfmuster vollständig und unbeschädigt <i>Test item complete and undamaged:</i>		
* Legende: 1 = sehr gut 2 = gut 3 = befriedigend 4 = ausreichend 5 = mangelhaft P(ass) = entspricht o.g. Prüfgrundlage(n) F(ail) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet Legend: 1 = very good 2 = good 3 = satisfactory 4 = sufficient 5 = poor P(ass) = passed a.m. test specifications(s) F(ail) = failed a.m. test specifications(s) N/A = not applicable N/T = not tested				
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. <i>This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i>				

V04

Test Summary

5.1.1 ANTENNA REQUIREMENT

RESULT: Pass

5.1.2 MAXIMUM PEAK CONDUCTED OUTPUT POWER

RESULT: Pass

5.1.3 CONDUCTED POWER SPECTRAL DENSITY

RESULT: Pass

5.1.4 6dB BANDWIDTH

RESULT: Pass

5.1.5 CONDUCTED SPURIOUS EMISSIONS MEASURED IN 100 kHz BANDWIDTH

RESULT: Pass

5.1.6 RADIATED SPURIOUS EMISSION

RESULT: Pass

5.1.7 RADIATED SPURIOUS EMISSION

RESULT: Pass

6.1.1 ELECTROMAGNETIC FIELDS

RESULT: Pass

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1 General Remarks

1.1 Complementary Materials

All attachments are integral parts of this test report. This applies especially to the following appendix:

Appendix A: Test setup and test equipment

Appendix B: Test Results

2 Test Sites

2.1 Test Facilities

TÜV Rheinland (Guangdong) Ltd. EMC Laboratory

No.102, 1F of Southwest and No.205, 2F of West Warehouse Building, No.767 Tianyuan Road, Tianhe District, Guangzhou, Guangdong, P.R. China

FCC Designation No.: CN1207

2.2 List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment

For the measurement Equipment list, refer to the appendix 1.

2.3 Traceability

All measurement equipment calibrations are traceable to NIM (National Institute of Metrology) or where calibration is performed in other countries, to equivalent nationally recognized standards organizations.

2.4 Calibration

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

2.5 Measurement Uncertainty

The estimated combined standard uncertainty for radiated emissions and conducted emissions measurements as below table

Item		Extended Uncertainty
Conducted Emission		± 2.68 dB
Radiated Emission (9kHz-30MHz)	Field strength (dB μ V/m)	U=3.08dB, k=2, σ =95%
Radiated Emission (30-1000MHz)	Field strength (dB μ V/m)	U=5.16dB, k=2, σ =95%
Radiated Emission (above 1000MHz)	Field strength (dB μ V/m)	U=3.08dB, k=2, σ =95%
Radio Spectrum		± 0.60 dB

2.6 Location of Original Data

The original copies of all test data taken during actual testing were attached at Appendix 1 of this report and delivered to the applicant. A copy has been retained in the TÜV Rheinland (Guangdong) file for certification follow-up purposes.

2.7 Status of Facility Used for Testing

TÜV Rheinland (Guangdong) Ltd. EMC Laboratory
No.102, 1F of Southwest and No.205, 2F of West Warehouse Building, No.767 Tianyuan Road, Tianhe District, Guangzhou, Guangdong, P.R. China is listed on the US Federal Communications Commission list of facilities approved to perform measurements.

3 General Product Information

3.1 Product Function and Intended Use

The submitted model K6-EN is a rechargeable neck massager. It supports Bluetooth 5.0 (Single mode) wireless technology.

According to above information, full test were performed on K6-EN

For details refer to the User Manual, Technical Description and Circuit Diagram.

3.2 Ratings and System Details

Table 2: Technical Specification of EUT

Technical Specification	Value
Kind of Equipment	Neck Massager
Type Designation	K6-EN
Trade Mark	SKG
FCC ID	2AYVT-K6-EN
Operating Frequency	2402 - 2480 MHz
Operating Temperature Range	5°C to +40°C
Operating Voltage	DC 3.7V or AC 230V (supplied by adaptor)
Testing Voltage	DC 3.7V
Type of Modulation	GFSK
Channel Number	40 channels
Channel Separation	2MHz
Wireless Technology	Bluetooth 5.0 (Single mode)
Antenna Type	PCB Antenna
Antenna Gain	2.0 dBi

Table 3: RF Channel and Frequency of Bluetooth Low Energy

RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)
00	2402.00	10	2422.00	20	2442.00	30	2462.00
01	2404.00	11	2424.00	21	2444.00	31	2464.00
02	2406.00	12	2426.00	22	2446.00	32	2466.00
03	2408.00	13	2428.00	23	2448.00	33	2468.00
04	2410.00	14	2430.00	24	2450.00	34	2470.00
05	2412.00	15	2432.00	25	2452.00	35	2472.00
06	2414.00	16	2434.00	26	2454.00	36	2474.00
07	2416.00	17	2436.00	27	2456.00	37	2476.00
08	2418.00	18	2438.00	28	2458.00	38	2478.00
09	2420.00	19	2440.00	29	2460.00	39	2480.00

3.3 Independent Operation Modes

The basic operation modes are:

- A. On
 - 1. Bluetooth transmitting mode (Low Energy mode)
 - a) Low Channel
 - b) Middle Channel
 - c) High Channel
- B. On, Bluetooth connecting mode
- C. Off

3.4 Noise Generating and Noise Suppressing Parts

Refer to Circuit Diagram for further details.

3.5 Submitted Documents

- | | |
|----------------------------------|-------------------------|
| - Application Form | - Operation Description |
| - Block Diagram | - Photo Document |
| - FCC/IC Label and Location Info | - Schematics |
| - Model Difference Letter | - User Manual |

4 Test Set-up and Operation Modes

4.1 Principle of Configuration Selection

Radio Spectrum: The equipment under test (EUT) was configured at its highest power output in order to measure its highest possible radiation and conducted level. The test modes were adapted accordingly in reference to the instructions for use.

Emission: The equipment under test (EUT) was configured to measure its highest possible radiation level. The test modes were adapted accordingly in reference to the instructions for use.

4.2 Test Operation and Test Software

Test operation refers to test setup in chapter 5. All testing were performed according to the procedures in ANSI C63.10: 2013 and ANSI C63.4: 2014

According to clause 3.1, all tests were performed on model K6-EN in this report.

4.3 Special Accessories and Auxiliary Equipment

Table 4: List of Accessories and Auxiliary Equipment

Description	Manufacturer	Model	S/N	Rating
Laptop	IBM	2366(T30)	99-BLMAW 03/03	/

4.4 Countermeasures to Achieve EMC Compliance

The test sample which has been tested contained the noise suppression parts as described in the Technical Construction File (TCF).

No additional measures were employed to achieve compliance.

4.5 Test Setup Diagram

Diagram of Measurement Configuration for Radiation Test (Below 1GHz)

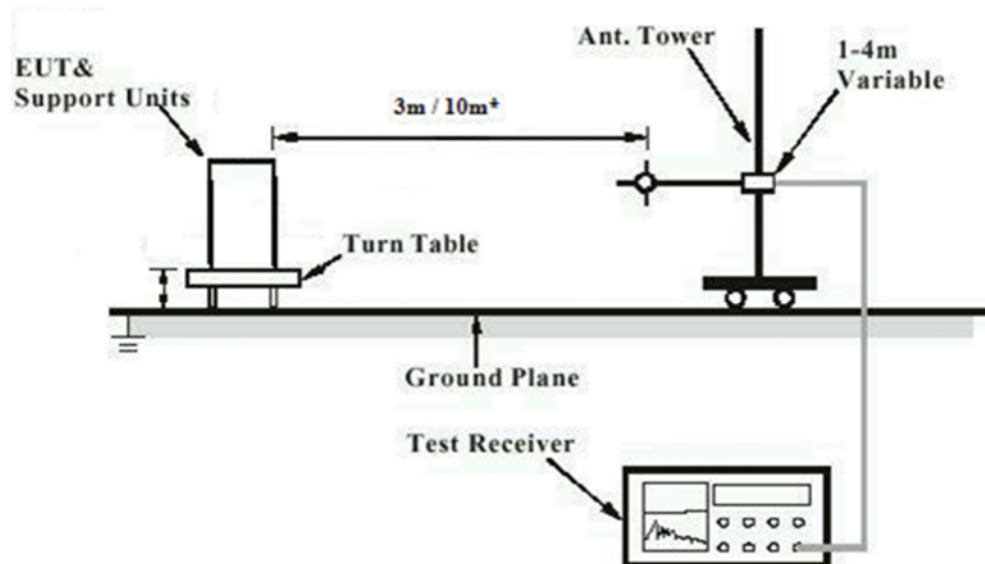


Diagram of Measurement Configuration for Radiation Test (Above 1GHz)

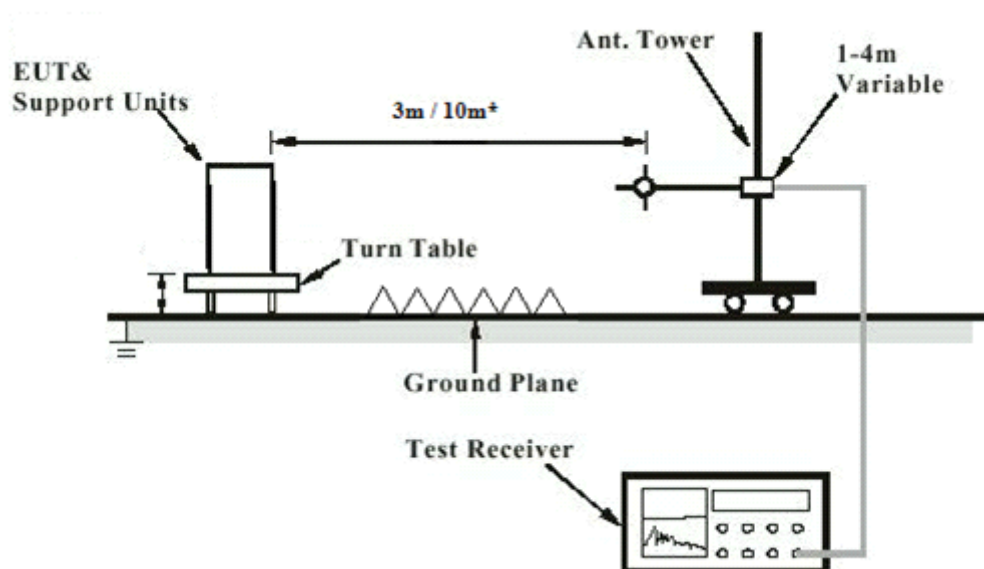


Diagram of Measurement Configuration for Mains Conduction Measurement

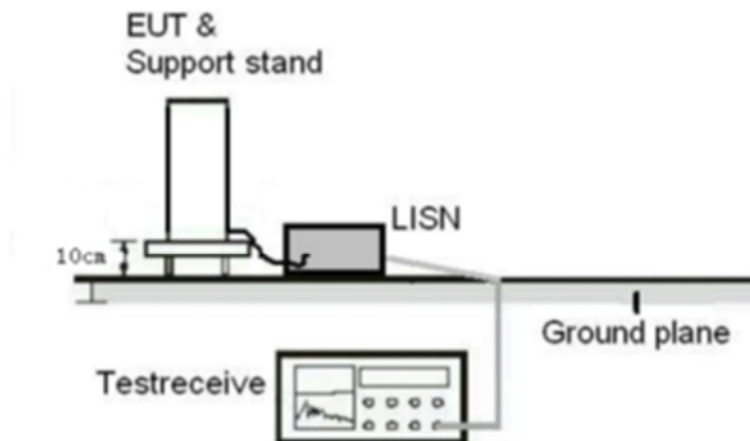
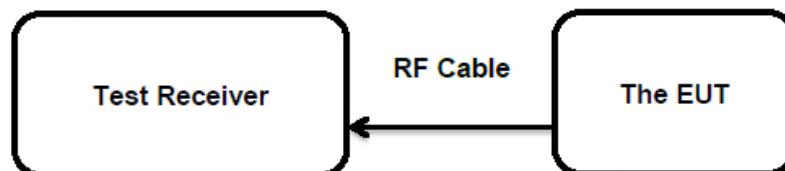


Diagram of Measurement Configuration for Conducted Transmitter Measurement



5 Test Results

5.1 Transmitter Requirement & Test Suites

5.1.1 Antenna Requirement

RESULT:**Pass****Test Specification**

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

According to the manufacturer declared, the EUT has an internal antenna, the directional gain of antenna is 2.0 dBi, and the antenna connector is designed with permanent attachment and no consideration of replacement. Therefore the EUT is considered sufficient to comply with the provision.

Therefore the EUT is considered sufficient to comply with the provision.

Refer to EUT Photo for further details.

5.1.2 Maximum Peak Conducted Output Power

RESULT:

Pass

Test Specification

Test standard	: FCC Part 15.247(b)(1)&(3)
Basic standard	: ANSI C63.10: 2013
Limits	: FHSS < 0.125 Watts, DSSS < 1.0 Watts
Kind of test site	: Shielded Room

Test Setup

Date of testing	: 07.01.2021
Input voltage	: DC 3.7V
Operation mode	: A.1
Test channel	: Low / Middle / High
Ambient temperature	: 24 °C
Relative humidity	: 50 %
Atmospheric pressure	: 101 kPa

Table 5: Test Result of Maximum Peak Conducted Output Power

Test Mode	Channel Frequency (MHz)	Measured Peak Output Power		Limit (W)
		(dBm)	(W)	
Low Energy	2402	8.03	0.00635	< 1.0
	2440	8.06	0.00639	
	2480	8.03	0.00635	
Maximum Measured Value		8.06	0.00639	/

Note: The cable loss 2.0 dB is taken into account in results.

This testing was carried out on all operation modes, but only the worst case was presented in this report.

5.1.3 Conducted Power Spectral Density

RESULT:

Pass

Test Specification

Test standard : FCC Part 15.247(e)
Basic standard : ANSI C63.10: 2013
Limits : 8 dBm/3kHz
Kind of test site : Shielded Room

Test Setup

Date of testing : 07.01.2021
Input voltage : DC 3.7V
Operation mode : A.1
Test channel : Low / Middle / High
Ambient temperature : 25 °C
Relative humidity : 56 %
Atmospheric pressure : 101 kPa

Table 6: Test Result of Power Spectral Density, Low Energy

Test Mode	Test Channel (MHz)	Power Spectrum Density(dBm/3kHz)	Limit (dBm/3kHz)
Low Energy	2402	-6.88	< 8.0
	2440	-6.86	
	2480	-8.13	
Maximum Measured Value		-8.13	

Note: The cable loss 2.0 dB is taken into account in results.

5.1.4 6dB Bandwidth

RESULT:**Pass****Test Specification**

Test standard : FCC Part 15.247(a)(2)
Basic standard : ANSI C63.10: 2013
Limits : More than 500 KHz
Kind of test site : Shielded Room

Test Setup

Date of testing : 18.01.2021
Input voltage : DC 3.7V
Operation mode : A.1
Test channel : Low / Middle / High
Ambient temperature : 24 °C
Relative humidity : 50 %
Atmospheric pressure : 101 kPa

Table 7: Test Result of 6dB Bandwidth, Low Energy

Test Mode	Test Channel (MHz)	-6dB Bandwidth (kHz)	Limit (kHz)
Low Energy	2402	756.0	> 500
	2440	1002.0	
	2480	1147.0	
Minimum Measured Value		1147.0	

5.1.5 Conducted Spurious Emissions Measured in 100 kHz Bandwidth**RESULT:****Pass****Test Specification**

Test standard	: FCC Part 15.247(d)
Basic standard	: ANSI C63.10: 2013
Limits	: 20dB (below that in the 100kHz bandwidth within the band that contains the highest level of the desired power); In addition, radiated emissions which fall in the restricted bands, must also comply with the radiated emission limits specified in 15.209(a)
Kind of test site	: Shielded Room

Test Setup

Date of testing	: 07.01.2021
Input voltage	: DC 3.7V
Operation mode	: A.1
Test channel	: Low / Middle / High
Ambient temperature	: 24 °C
Relative humidity	: 50 %
Atmospheric pressure	: 101 kPa

Test results of 100kHz Bandwidth of Frequency Band Edge by Conducted method refer to following test plot, and compliance is achieved as well.

5.1.6 Radiated Spurious Emission

RESULT:**Pass****Test Specification**

Test standard	: FCC Part 15.247(d) & FCC Part 15.205
Basic standard	: ANSI C63.10: 2013
Limits	: Refer to 15.209(a) of FCC part 15.247(d)
Kind of test site	: 3m Semi-anechoic Chamber

Test Setup

Date of testing	: 18.01.2021
Input voltage	: DC 3.7V
Operation mode	: A.1
Test channel	: Low / Middle / High
Ambient temperature	: 23 °C
Relative humidity	: 48 %
Atmospheric pressure	: 101 kPa

Remark:

The Radiated Spurious Emission was carried out within frequency range 9kHz – 30MHz and 18GHz - 26.5GHz, and the measurements with active antenna were greater than 20dB below the limit, so the test data were not recorded in the test report.

For the measurement records, refer to the appendix 1.

5.1.7 Conducted Emission on AC Mains

RESULT:**Pass****Test Specification**

Test standard	: FCC Part 15.207(a) & FCC Part 15.107(a)
Basic standard	: ANSI C63.10: 2013 & ANSI C63.4: 2014
Frequency range	: 0.15 – 30MHz
Limits	: FCC Part 15.207(a) & FCC Part 15.107(a)
Kind of test site	: Shielded Room

Test Setup

Date of testing	: 18.01.2021
Input voltage	: AC 120V,60Hz
Operation mode	: C
Earthing	: Connected
Ambient temperature	: 24 °C
Relative humidity	: 50 %
Atmospheric pressure	: 101 kPa

This testing was carried out on AC 120V and AC 230V input voltage, but only the worst case was presented in this report.
For the measurement records, refer to the appendix B.

5.1.8 Radiated Emission

RESULT:**Pass****Test Specification**

Test standard	: FCC part 15.209
Basic standard	: ANSI C63.4: 2014
Frequency range	: 30 MHz – 26GHz
Limits	: FCC part 15.209
Kind of test site	: 3m Semi-anechoic Chamber

Test Setup

Date of testing	: 18.01.2021
Input voltage	: AC 120V,60Hz
Operation mode	: C
Earthing	: Connected
Ambient temperature	: 21 °C
Relative humidity	: 51 %
Atmospheric pressure	: 100 kPa

This testing was carried out on AC 120V and AC 230V input voltage, but only the worst case was presented in this report.
For the measurement records, refer to the appendix B.

6 Safety Human Exposure

6.1 Radio Frequency Exposure Compliance

6.1.1 Electromagnetic Fields

RESULT:**Pass****Test Specification**

Test standard : CFR47 FCC Part 2.1093
FCC KDB Publication 447498 D01 v06

Measurement Record:

The minimum distance for the EUT is less than 5mm.

Since maximum peak output power of the transmitter is 8.06 dBm $\approx 6.39 \text{ mW}$ $< \frac{3 \cdot d}{\sqrt{f}} = 9.52 \text{ mW}$.

Hence the EUT is excluded from SAR evaluation according to FCC KDB Publication 447498 D01 General RF Exposure Guidance v06.

7 Photographs of the Test Set-Up

For photographs of the test set-up, refer to the appendix 1.

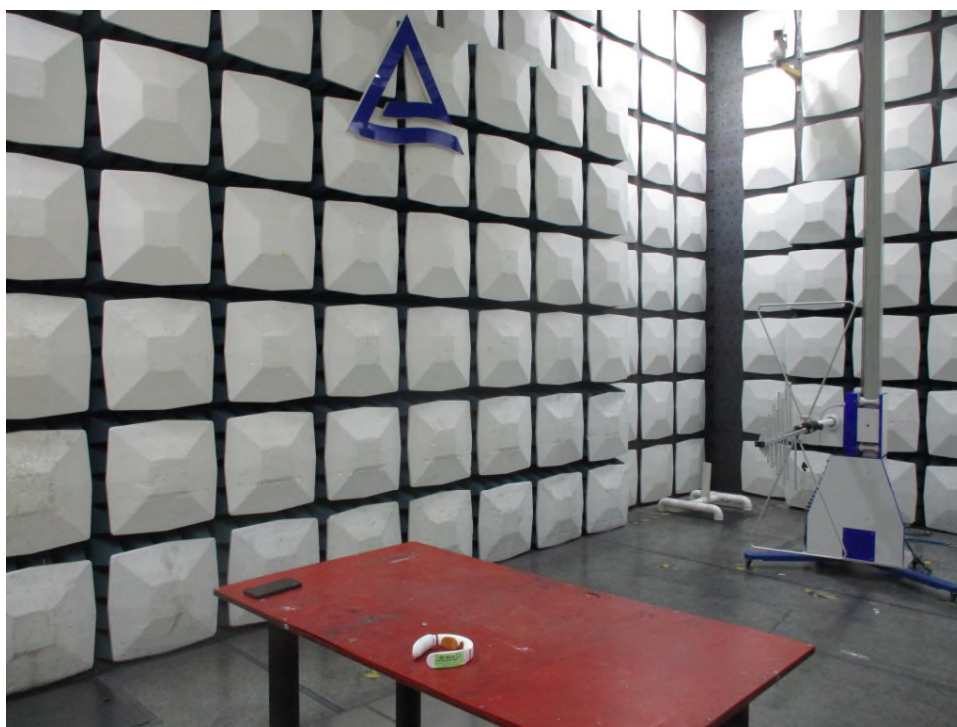
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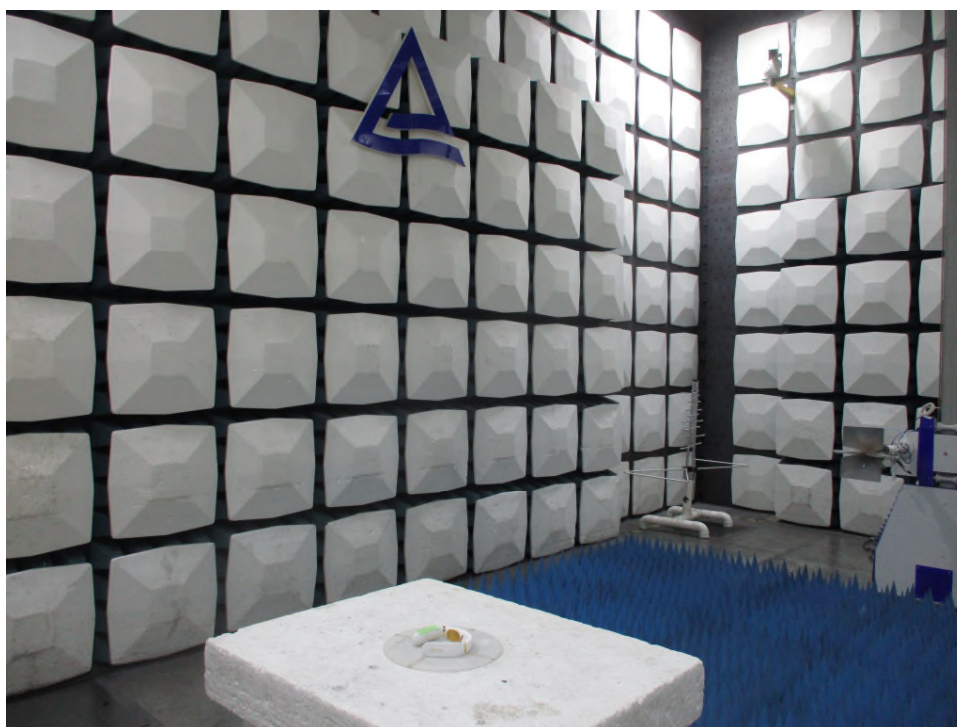
Appendix A.1: Photographs of the Test Set-Up

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Photograph 1: Set-up for Radiated Spurious Emission, 30MHz - 1GHz



Photograph 2: Set-up for Radiated Spurious Emission, 1GHz - 18GHz



Photograph 3: Set-up for Radiated Spurious Emission, 18GHz - 26.5GHz



Photograph 4: Set-up for Conducted Emission on AC Mains



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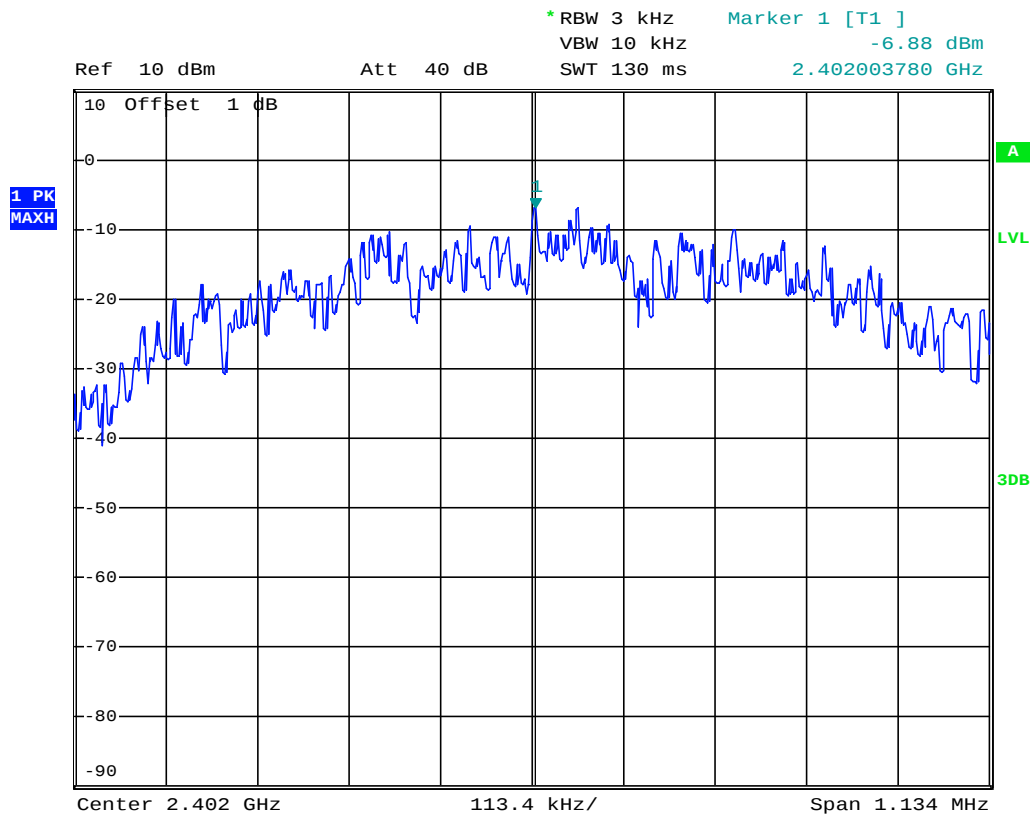
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Conducted Power Spectral Density–BLE-L Channel



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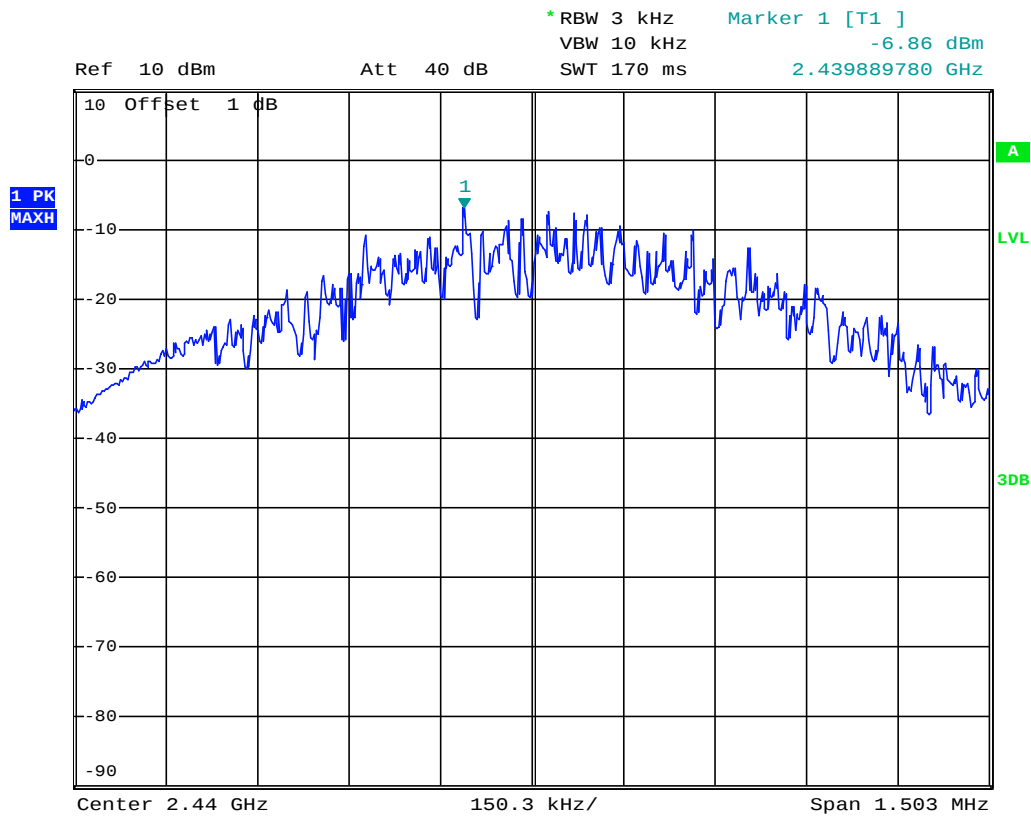
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Conducted Power Spectral Density–BLE-M Channel



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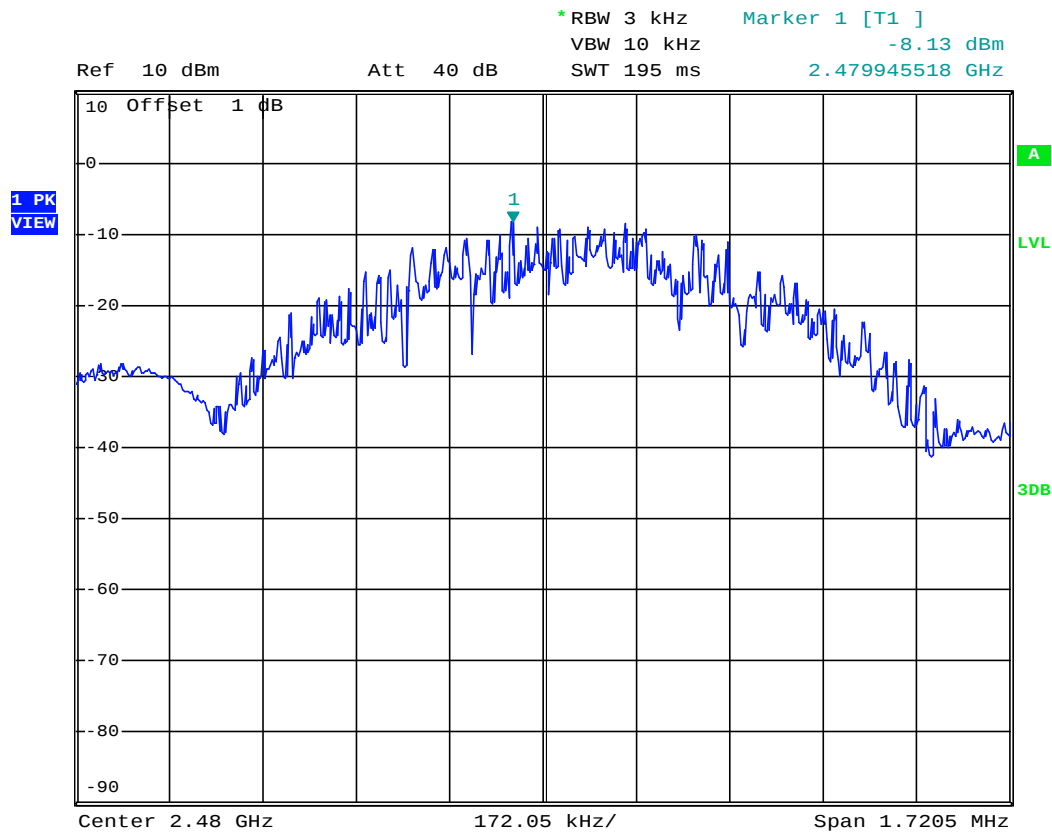
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Conducted Power Spectral Density-BLE-H Channel



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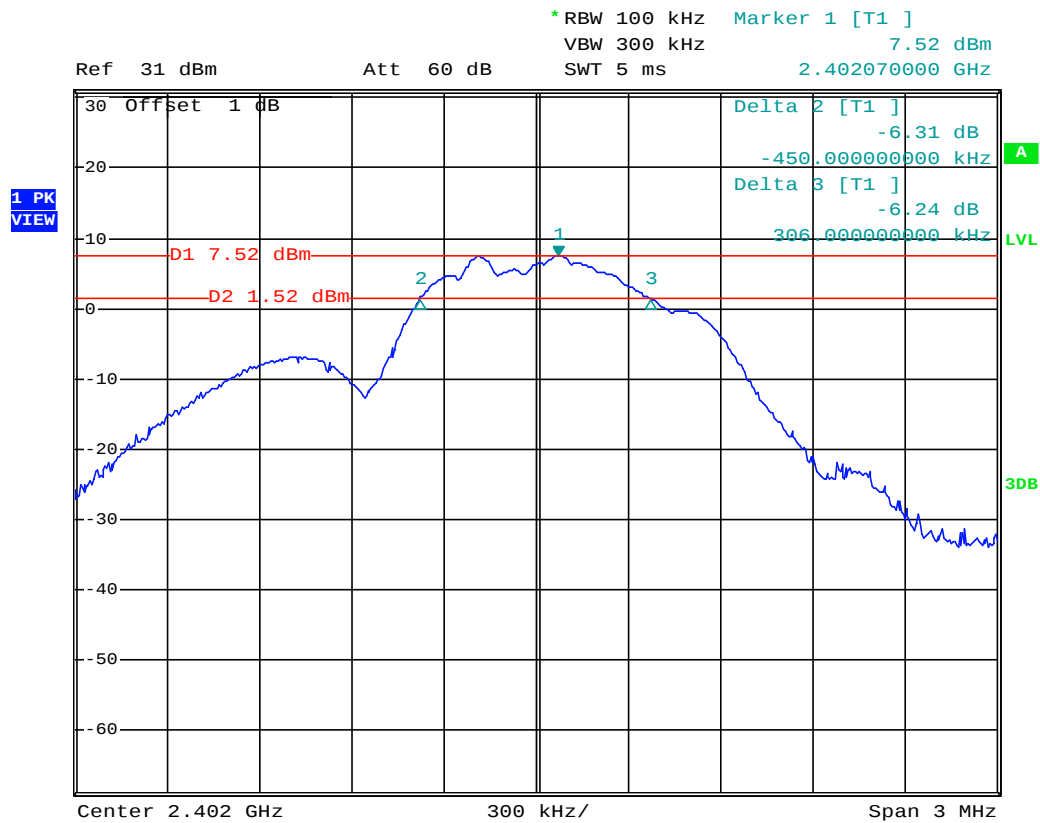
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6dB Bandwidth-BLE-L Channel



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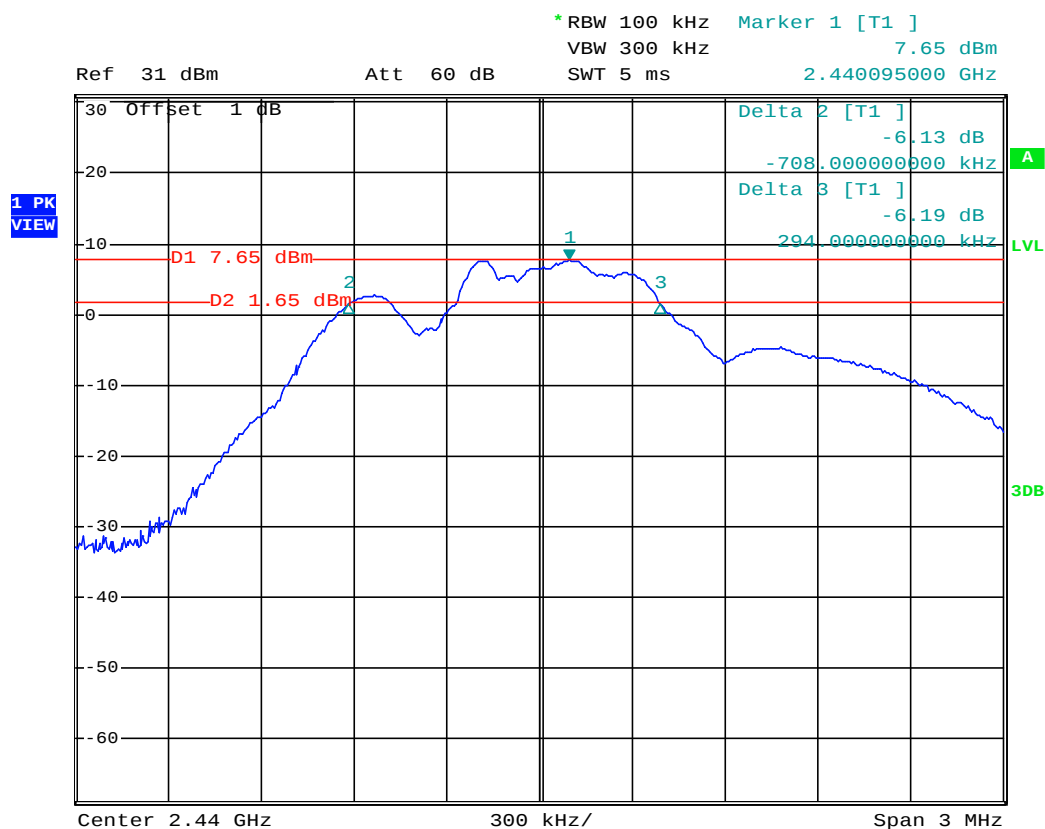
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6dB Bandwidth-BLE-M Channel



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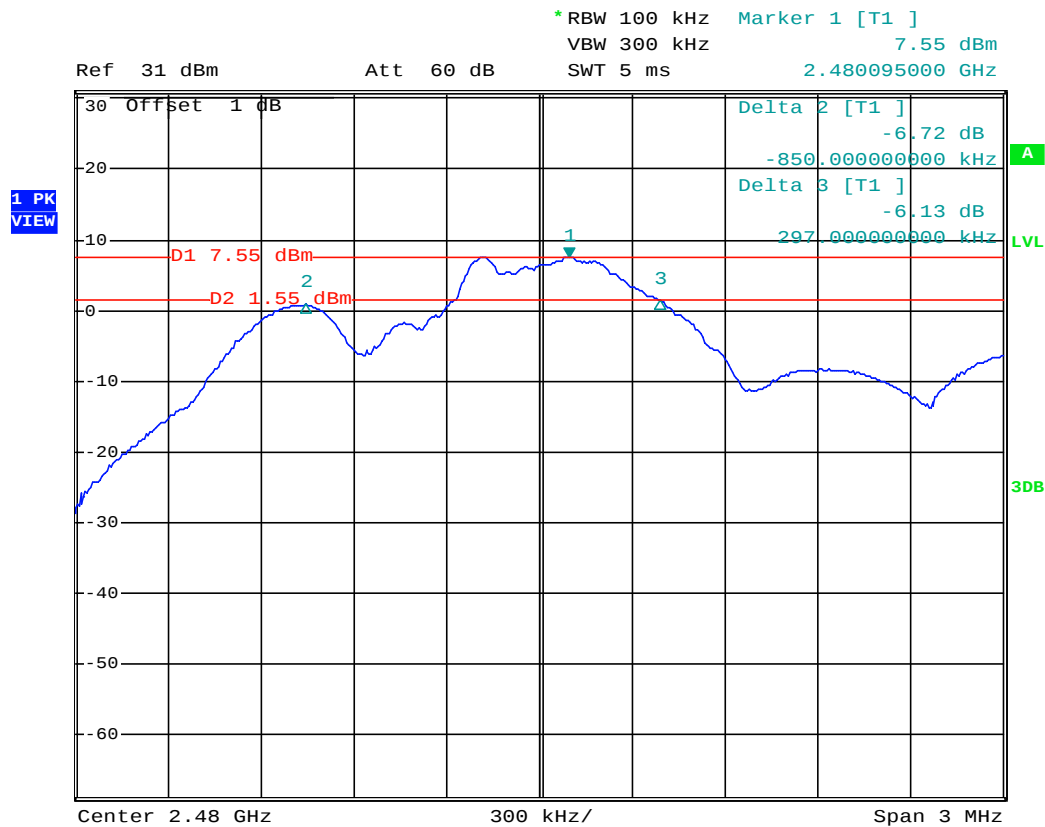
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6dB Bandwidth-BLE-H Channel



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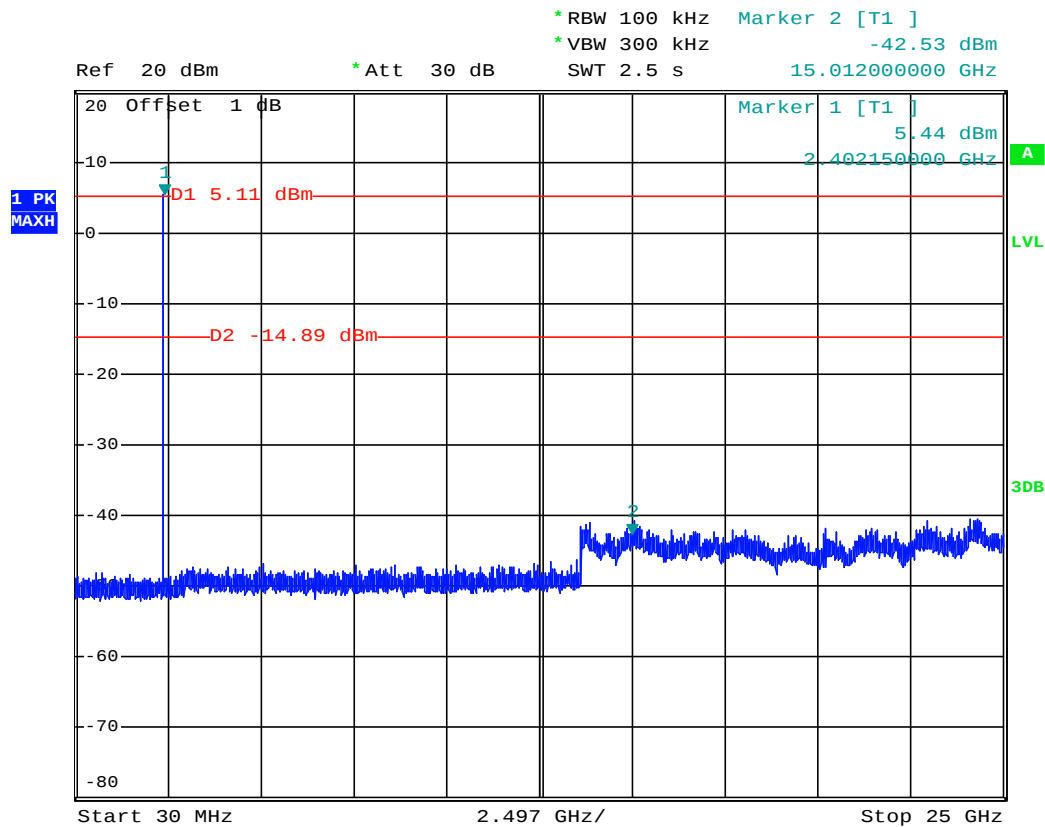
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Conducted Spurious Emissions –BLE-L Channel



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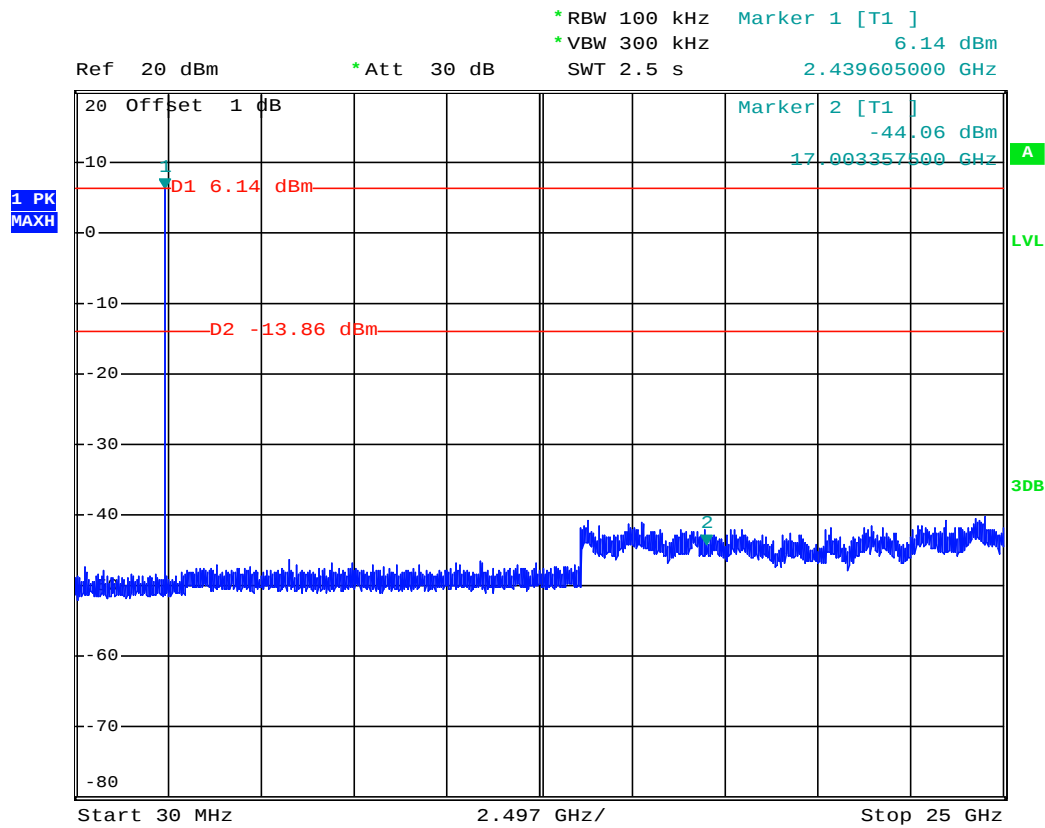
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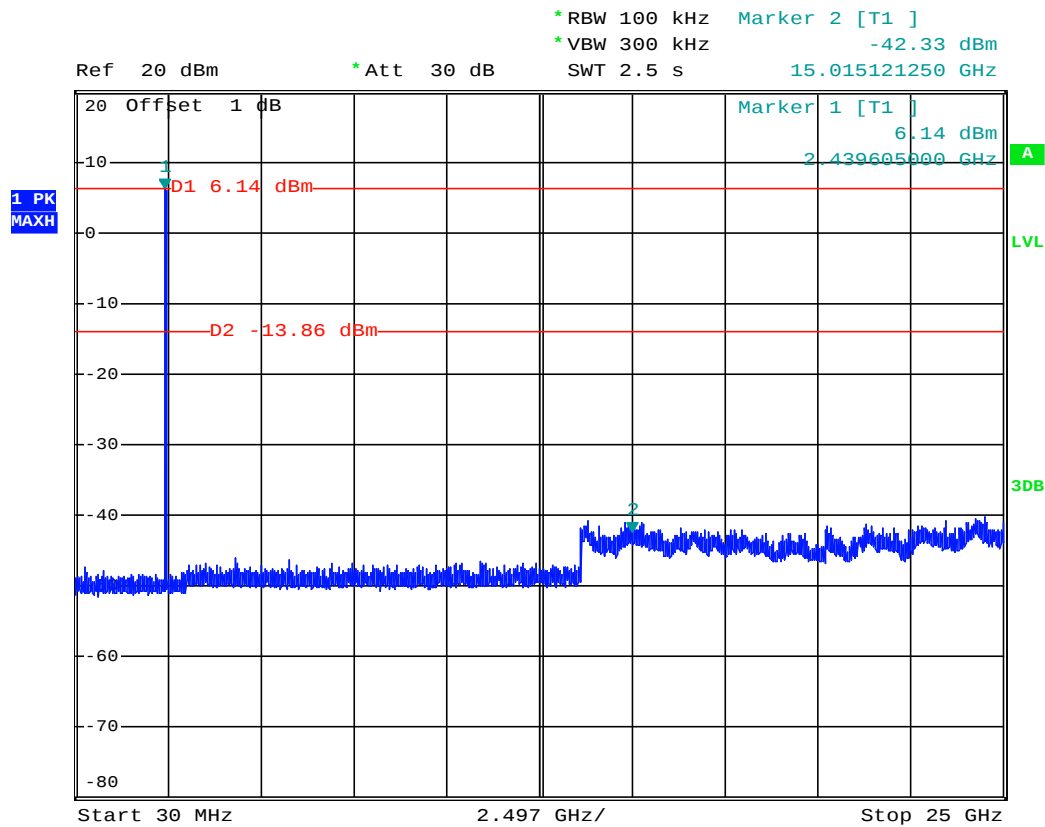
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Conducted Spurious Emissions –BLE-H Channel



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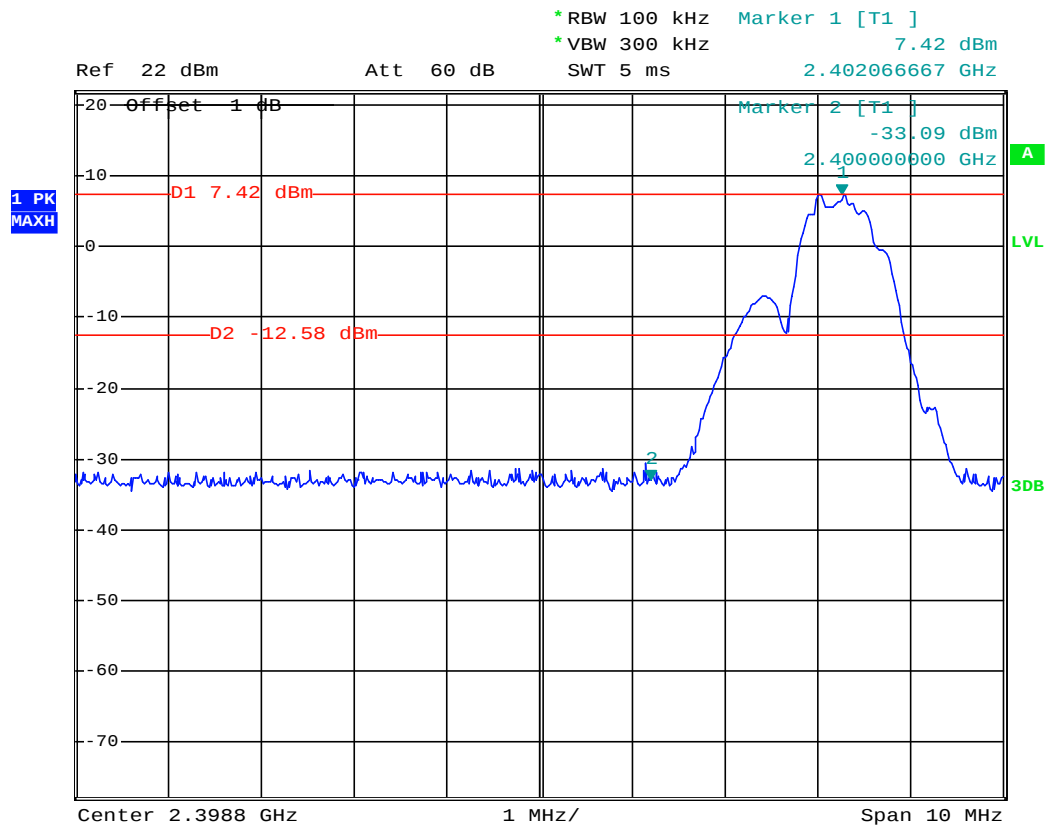
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Band Edge-BLE-L CH



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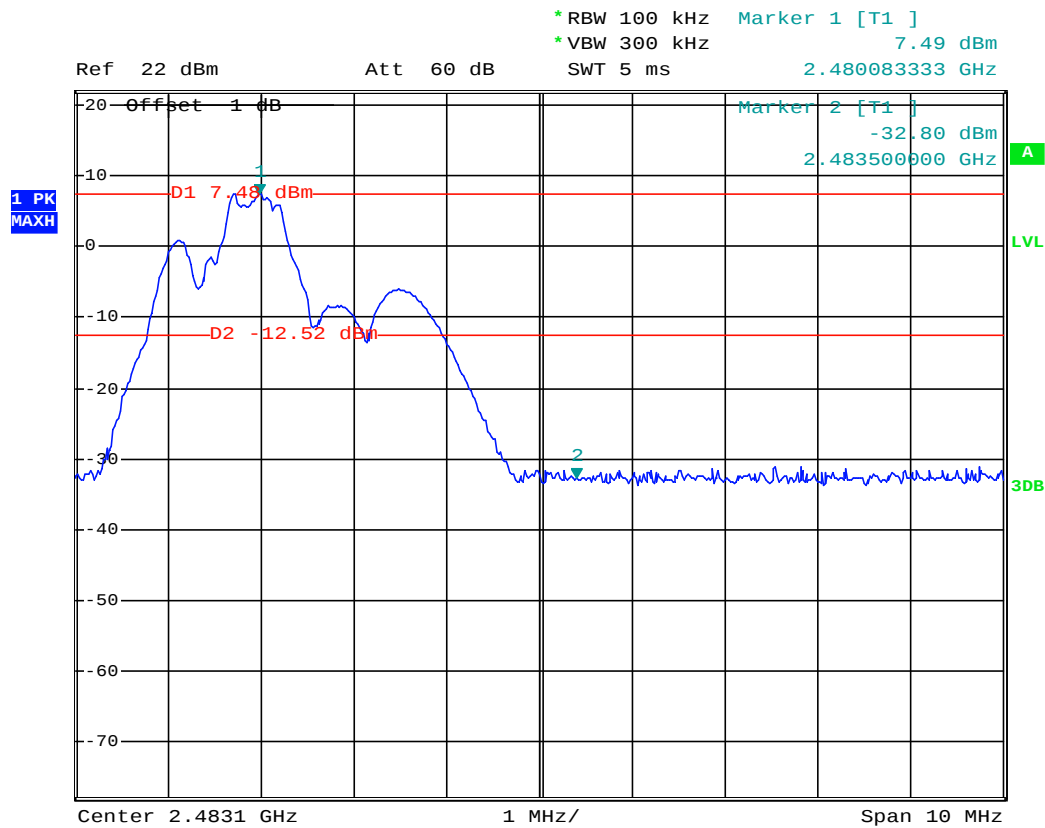
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Band Edge-BLE-H CH



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Radiated Spurious Emissions

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

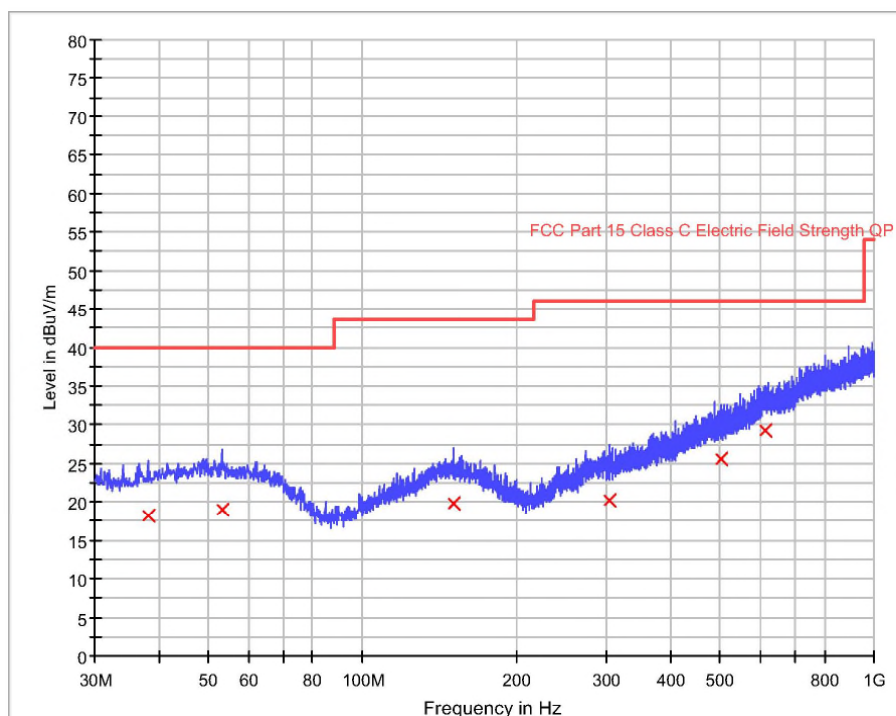
EMC Test Record (Emission)

Common Information

Manufacturer:	Innovative
Test Item:	Massager
Identification:	K6-EN
Test Standard:	FCC Part 15C
Test Detail:	Radiated Emission
Operation Mode:	Transmitter(Middle)
Climate Condition:	20 °C, 50 %, 100 k Pa
Test Voltage/ Freq:	DC 5V
Receipt No:	170257888
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; Horizontal

Subrange 1

Frequency range:	30-1000MHz
Receiver:	ESCI 3
Transducer:	VULB9168



Tested by

Chris Liang

20210119

Reviewed by

Jacky Chen

20210121

Prüfbericht - Nr.:

CN219TJX 001

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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

Frequency (MHz)	QuasiPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - QPK (dB)	Limit - QPK (dBuV/m)	Comment
38.120000	18.2	1000.0	120.000	H	19.6	21.8	40.0	
53.160000	19.0	1000.0	120.000	H	20.7	21.0	40.0	
151.000000	19.9	1000.0	120.000	H	21.2	23.6	43.5	
304.280000	20.2	1000.0	120.000	H	21.9	25.8	46.0	
503.960000	25.6	1000.0	120.000	H	27.2	20.4	46.0	
611.640000	29.2	1000.0	120.000	H	30.0	16.8	46.0	

Tested by

Chris Liang

20210119

Reviewed by

Jacky Chen

20210121

Prüfbericht - Nr.:

CN219TJX 001

Test Report No.

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TUV Rheinland (Guangdong) Ltd.

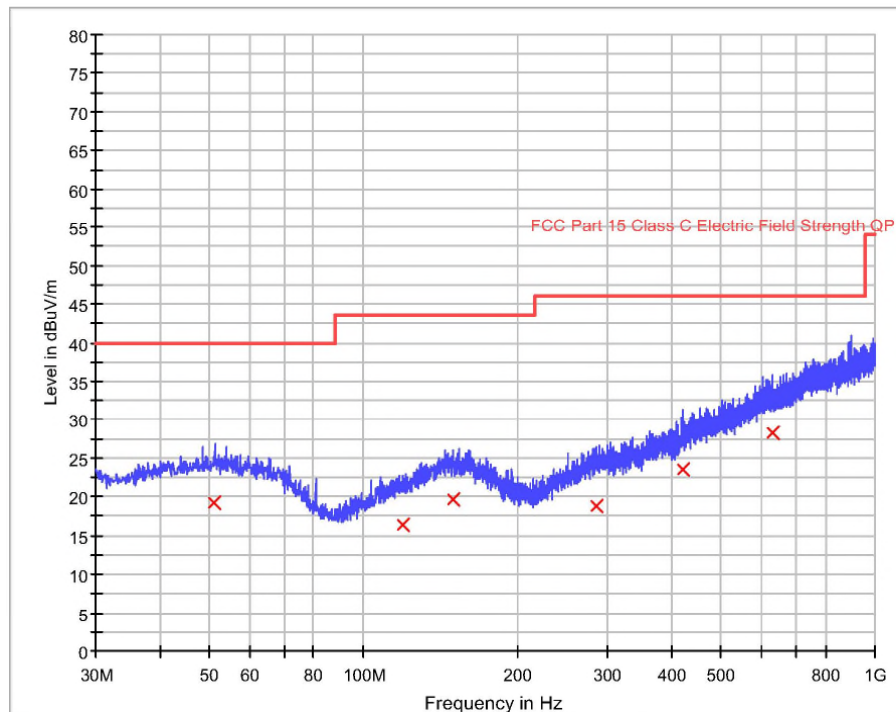
EMC Test Service Hotline: +86-20-28391188

EMC Test Record (Emission)

Common Information

Manufacturer:	Innovative
Test Item:	Massager
Identification:	K6-EN
Test Standard:	FCC Part 15C
Test Detail:	Radiated Emission
Operation Mode:	Transmitter(Middle)
Climate Condition:	20 °C, 50 %, 100 k Pa
Test Voltage/ Freq:	DC 5V
Receipt No:	170257888
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; Vertical

Subrange 1	
Frequency range:	30-1000MHz
Receiver:	ESCI 3
Transducer:	VULB9168



Tested by

Chris Liang

20210119

Reviewed by

Jacky Chen

20210121

Prüfbericht - Nr.:

CN219TJX 001

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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

Frequency (MHz)	QuasiPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - QPK (dB)	Limit - QPK (dBuV/m)	Comment
51.200000	19.2	1000.0	120.000	V	20.7	20.8	40.0	
119.480000	16.5	1000.0	120.000	V	18.3	27.0	43.5	
149.920000	19.6	1000.0	120.000	V	21.2	23.9	43.5	
284.760000	18.8	1000.0	120.000	V	21.6	27.2	46.0	
421.160000	23.5	1000.0	120.000	V	25.2	22.6	46.0	
628.840000	28.3	1000.0	120.000	V	30.1	17.7	46.0	

Tested by

Chris Liang

20210119

Reviewed by

Jacky Chen

20210121

Prüfbericht - Nr.:
Test Report No.

CN219TJX 001

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

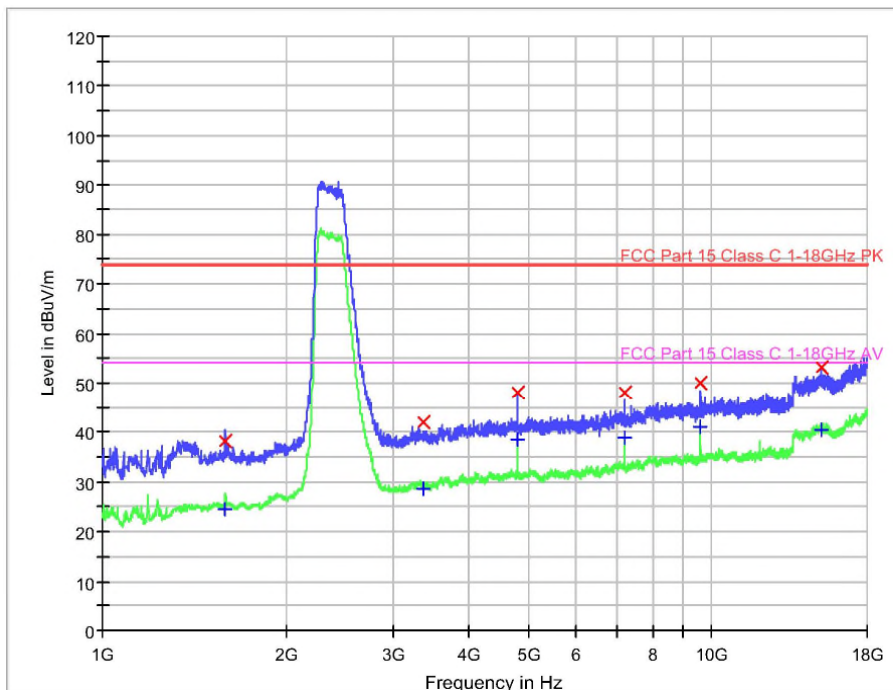
EMC Test Record (Emission)

Common Information

Manufacturer:	Innovative
Test Item:	Massager
Identification:	K6-EN
Test Standard:	FCC Part 15C
Test Detail:	Radiated Emission
Operation Mode:	Transmitter(Low)
Climate Condition:	20 °C, 50 %, 100 k Pa
Test Voltage/ Freq:	DC 5V
Receipt No:	170257888
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; Horizontal

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

EMCTT_EREFO11-A02-07_1GHz-18GHz_With PreAMP EXT& Notch filter



Tested by

Chris Liang

20210119

Reviewed by

Jacky Chen

20210121

Prüfbericht - Nr.:

CN219TJX 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/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)
1593.000000	38.1	1000.0	1000.000	H	-15.4	35.9	74.0
3371.000000	41.9	1000.0	1000.000	H	-9.7	32.1	74.0
4804.000000	48.1	1000.0	1000.000	H	-6.7	25.9	74.0
7205.000000	48.0	1000.0	1000.000	H	-3.0	26.0	74.0
9609.000000	50.0	1000.0	1000.000	H	1.4	24.1	74.0
15146.000000	53.2	1000.0	1000.000	H	4.6	20.8	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 (dBuV/m)
1593.000000	24.4	1000.0	1000.000	H	-15.4	29.6	54.0
3371.000000	28.6	1000.0	1000.000	H	-9.7	25.4	54.0
4804.000000	38.6	1000.0	1000.000	H	-6.7	15.4	54.0
7205.000000	38.9	1000.0	1000.000	H	-3.0	15.1	54.0
9609.000000	41.1	1000.0	1000.000	H	1.4	12.9	54.0
15146.000000	40.3	1000.0	1000.000	H	4.6	13.7	54.0

Tested by

Chris Liang

Reviewed by

Jacky Chen

20210119

20210121

Prüfbericht - Nr.:
Test Report No.

CN219TJX 001

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TUV Rheinland (Guangdong) Ltd.

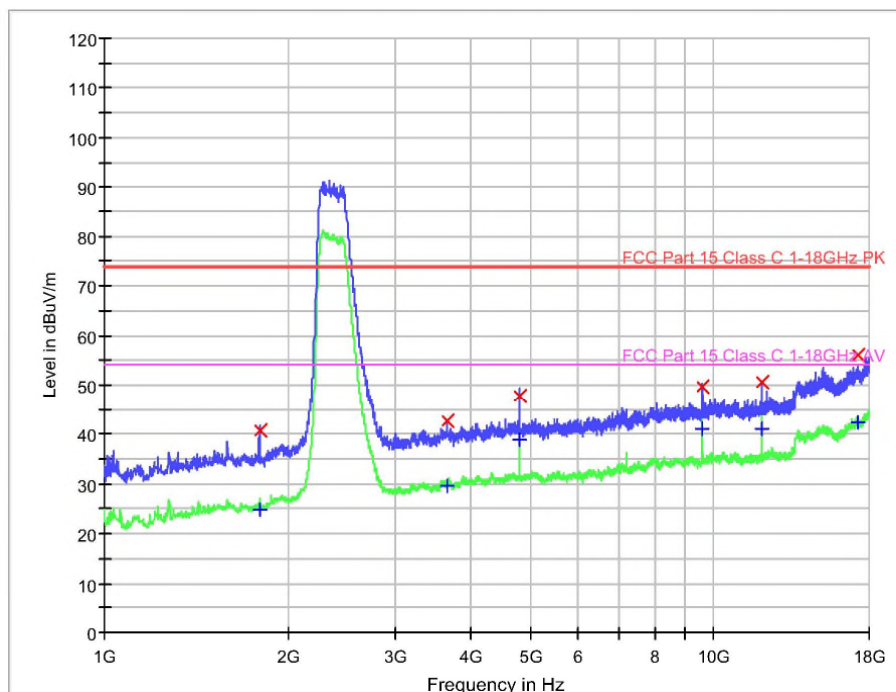
EMC Test Service Hotline: +86-20-28391188

EMC Test Record (Emission)

Common Information

Manufacturer:	Innovative
Test Item:	Massager
Identification:	K6-EN
Test Standard:	FCC Part 15C
Test Detail:	Radiated Emission
Operation Mode:	Transmitter(Low)
Climate Condition:	20 °C, 50 %, 100 k Pa
Test Voltage/ Freq:	DC 5V
Receipt No:	170257888
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; Vertical
Subrange 1	
Frequency range:	1GHz-18GHz
Receiver:	TUV FSP30
Transducer:	TUV SAC HF907

EMCTT_EREFO11-A02-07_1GHz-18GHz_With PreAMP EXT& Notch filter



Tested by

Chris Liang

20210119

Reviewed by

Jacky Chen

20210121

Prüfbericht - Nr.:

CN219TJX 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/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)
1797.000000	40.8	1000.0	1000.000	V	-14.1	33.2	74.0
3656.000000	42.8	1000.0	1000.000	V	-9.0	31.2	74.0
4811.000000	47.8	1000.0	1000.000	V	-6.7	26.2	74.0
9608.000000	49.7	1000.0	1000.000	V	1.4	24.3	74.0
12010.000000	50.6	1000.0	1000.000	V	2.6	23.4	74.0
17233.000000	55.9	1000.0	1000.000	V	8.1	18.1	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)
1797.000000	24.8	1000.0	1000.000	V	-14.1	29.2	54.0
3656.000000	29.5	1000.0	1000.000	V	-9.0	24.5	54.0
4811.000000	38.9	1000.0	1000.000	V	-6.7	15.1	54.0
9608.000000	40.9	1000.0	1000.000	V	1.4	13.1	54.0
12010.000000	40.9	1000.0	1000.000	V	2.6	13.1	54.0
17233.000000	42.3	1000.0	1000.000	V	8.1	11.8	54.0

Tested by

Chris Liang

20210119

Reviewed by

Jacky Chen

20210121

Prüfbericht - Nr.:
Test Report No.

CN219TJX 001

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

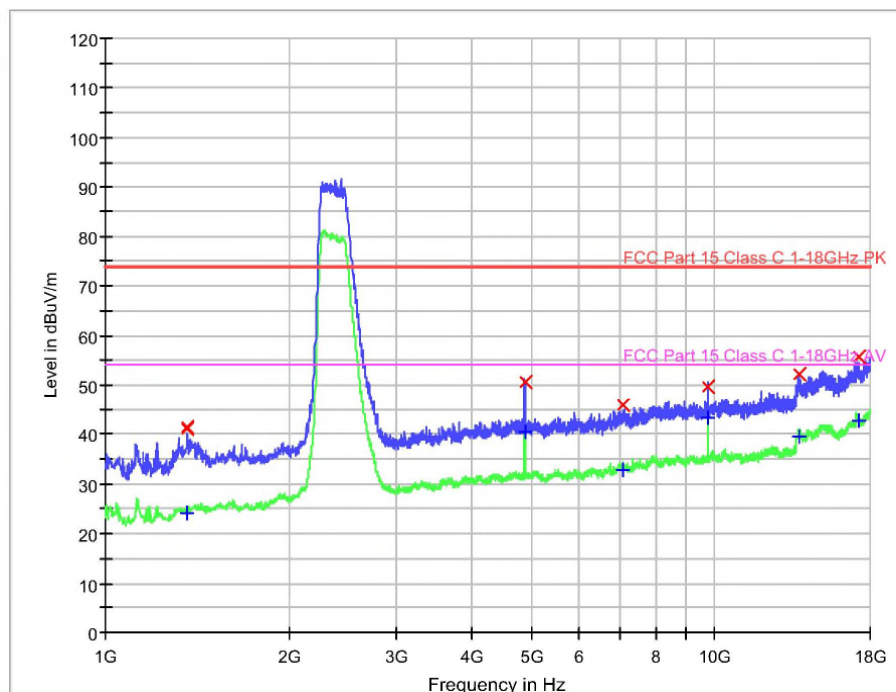
EMC Test Record (Emission)

Common Information

Manufacturer:	Innovative
Test Item:	Massager
Identification:	K6-EN
Test Standard:	FCC Part 15C
Test Detail:	Radiated Emission
Operation Mode:	Transmitter(Middle)
Climate Condition:	20 °C, 50 %, 100 k Pa
Test Voltage/ Freq:	DC 5V
Receipt No:	170257888
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; Horizontal

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

EMCTT_EREFO11-A02-07_1GHz-18GHz_With PreAMP EXT& Notch filter



Tested by *Chris Liang*
20210119

Reviewed by *Jacky Chen*
20210121

Prüfbericht - Nr.:

CN219TJX 001

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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/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)
1365.000000	41.2	1000.0	1000.000	H	-16.7	32.8	74.0
1365.000000	41.3	1000.0	1000.000	H	-16.7	32.8	74.0
4880.000000	50.6	1000.0	1000.000	H	-6.5	23.4	74.0
7088.000000	45.9	1000.0	1000.000	H	-3.3	28.1	74.0
9759.000000	49.8	1000.0	1000.000	H	2.0	24.2	74.0
13746.000000	52.4	1000.0	1000.000	H	2.8	21.7	74.0
17226.000000	55.7	1000.0	1000.000	H	8.1	18.3	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 (dBuV/m)
1365.000000	24.3	1000.0	1000.000	H	-16.7	29.7	54.0
1365.000000	24.3	1000.0	1000.000	H	-16.7	29.7	54.0
4880.000000	40.4	1000.0	1000.000	H	-6.5	13.6	54.0
7088.000000	32.8	1000.0	1000.000	H	-3.3	21.2	54.0
9759.000000	43.1	1000.0	1000.000	H	2.0	10.9	54.0
13746.000000	39.3	1000.0	1000.000	H	2.8	14.7	54.0
17226.000000	42.6	1000.0	1000.000	H	8.1	11.4	54.0

Tested by

Chris Liang

Reviewed by

Jacky Chen

20210119

20210121

Prüfbericht - Nr.:
Test Report No.

CN219TJX 001

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

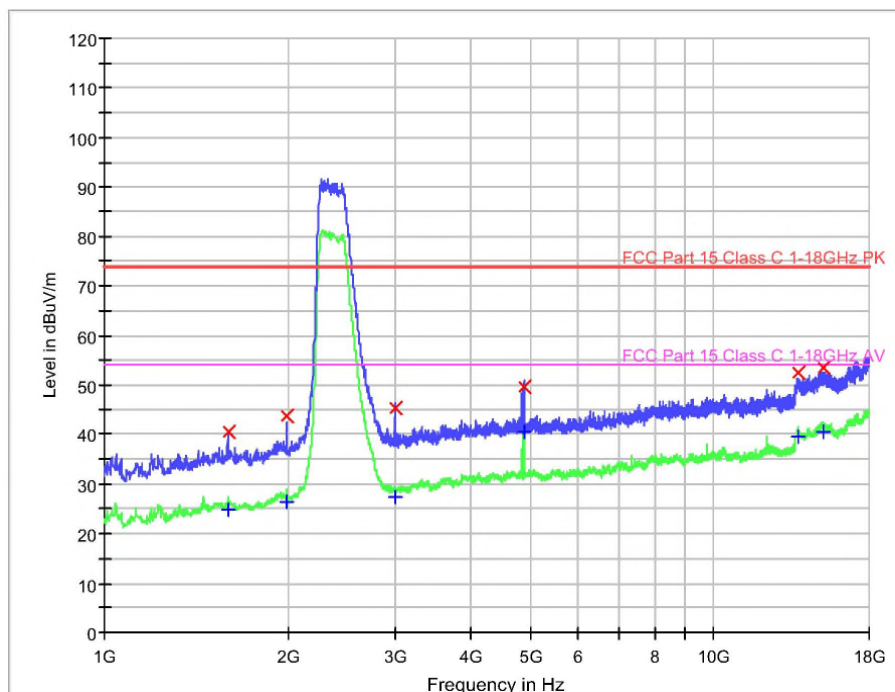
EMC Test Record (Emission)

Common Information

Manufacturer:	Innovative
Test Item:	Massager
Identification:	K6-EN
Test Standard:	FCC Part 15C
Test Detail:	Radiated Emission
Operation Mode:	Transmitter(Middle)
Climate Condition:	20 °C, 50 %, 100 k Pa
Test Voltage/ Freq:	DC 5V
Receipt No:	170257888
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; Vertical

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

EMCTT_EREFO11-A02-07_1GHz-18GHz_With PreAMP EXT& Notch filter



Tested by

Chris Liang

20210119

Reviewed by

Jacky Chen

20210121

Prüfbericht - Nr.:

CN219TJX 001

Test Report No.

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Page 23 of 49

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)
1597.000000	40.3	1000.0	1000.000	V	-15.4	33.7	74.0
1997.000000	43.5	1000.0	1000.000	V	-12.4	30.5	74.0
2997.000000	45.3	1000.0	1000.000	V	-10.4	28.7	74.0
4880.000000	49.7	1000.0	1000.000	V	-6.5	24.3	74.0
13752.000000	52.7	1000.0	1000.000	V	2.8	21.4	74.0
15114.000000	53.5	1000.0	1000.000	V	4.5	20.5	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 (dBuV/m)
1597.000000	24.7	1000.0	1000.000	V	-15.4	29.3	54.0
1997.000000	26.4	1000.0	1000.000	V	-12.4	27.6	54.0
2997.000000	27.5	1000.0	1000.000	V	-10.4	26.5	54.0
4880.000000	40.4	1000.0	1000.000	V	-6.5	13.6	54.0
13752.000000	39.5	1000.0	1000.000	V	2.8	14.5	54.0
15114.000000	40.5	1000.0	1000.000	V	4.5	13.5	54.0

Tested by

Chris Liang

20210119

Reviewed by

Jacky Chen

20210121

Prüfbericht - Nr.:
Test Report No.

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

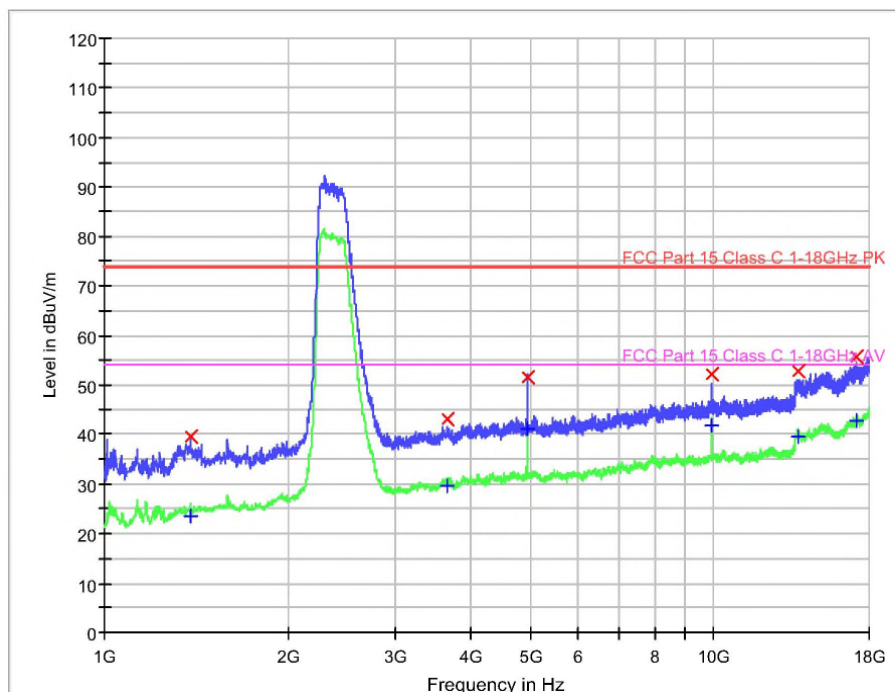
EMC Test Record (Emission)

Common Information

Manufacturer:	Innovative
Test Item:	Massager
Identification:	K6-EN
Test Standard:	FCC Part 15C
Test Detail:	Radiated Emission
Operation Mode:	Transmitter(High)
Climate Condition:	20 °C, 50 %, 100 k Pa
Test Voltage/ Freq:	DC 5V
Receipt No:	170257888
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; Horizontal

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

EMCTT_EREFO11-A02-07_1GHz-18GHz_With PreAMP EXT& Notch filter



Tested by

Chris Liang

20210119

Reviewed by

Jacky Chen

20210121

Prüfbericht - Nr.:

CN219TJX 001

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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/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)
1389.000000	39.3	1000.0	1000.000	H	-16.6	34.7	74.0
3652.000000	42.8	1000.0	1000.000	H	-9.0	31.2	74.0
4960.000000	51.7	1000.0	1000.000	H	-6.4	22.4	74.0
9921.000000	52.2	1000.0	1000.000	H	2.2	21.8	74.0
13754.000000	52.9	1000.0	1000.000	H	2.8	21.1	74.0
17199.000000	55.6	1000.0	1000.000	H	8.1	18.4	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)
1389.000000	23.6	1000.0	1000.000	H	-16.6	30.4	54.0
3652.000000	29.7	1000.0	1000.000	H	-9.0	24.3	54.0
4960.000000	41.2	1000.0	1000.000	H	-6.4	12.8	54.0
9921.000000	41.6	1000.0	1000.000	H	2.2	12.4	54.0
13754.000000	39.4	1000.0	1000.000	H	2.8	14.6	54.0
17199.000000	42.6	1000.0	1000.000	H	8.1	11.4	54.0

Tested by

Chris Liang

Reviewed by

Jacky Chen

20210119

20210121

Prüfbericht - Nr.:
Test Report No.

CN219TJX 001

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

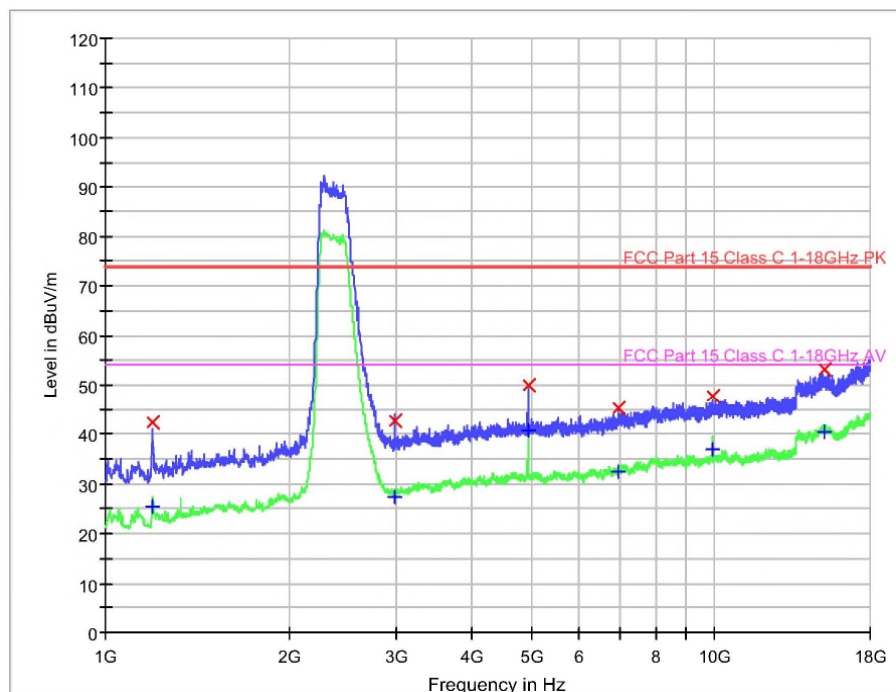
EMC Test Record (Emission)

Common Information

Manufacturer:	Innovative
Test Item:	Massager
Identification:	K6-EN
Test Standard:	FCC Part 15C
Test Detail:	Radiated Emission
Operation Mode:	Transmitter(High)
Climate Condition:	20 °C, 50 %, 100 k Pa
Test Voltage/ Freq:	DC 5V
Receipt No:	170257888
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; Vertical

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

EMCTT_EREFO11-A02-07_1GHz-18GHz_With PreAMP EXT& Notch filter



Tested by *Chris Liang*
20210119

Reviewed by *Jacky Chen*
20210121

Prüfbericht - Nr.:

CN219TJX 001

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/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)
1195.000000	42.4	1000.0	1000.000	V	-17.3	31.6	74.0
2989.000000	42.6	1000.0	1000.000	V	-10.4	31.5	74.0
4960.000000	49.9	1000.0	1000.000	V	-6.4	24.1	74.0
6958.000000	45.2	1000.0	1000.000	V	-3.6	28.8	74.0
9921.000000	47.8	1000.0	1000.000	V	2.2	26.2	74.0
15108.000000	53.3	1000.0	1000.000	V	4.5	20.7	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 (dBuV/m)
1195.000000	25.6	1000.0	1000.000	V	-17.3	28.4	54.0
2989.000000	27.3	1000.0	1000.000	V	-10.4	26.7	54.0
4960.000000	40.8	1000.0	1000.000	V	-6.4	13.2	54.0
6958.000000	32.4	1000.0	1000.000	V	-3.6	21.6	54.0
9921.000000	36.8	1000.0	1000.000	V	2.2	17.2	54.0
15108.000000	40.3	1000.0	1000.000	V	4.5	13.7	54.0

Tested by

Chris Liang

20210119

Reviewed by

Jacky Chen

20210121

Prüfbericht - Nr.:
Test Report No.

CN219TJX 001

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

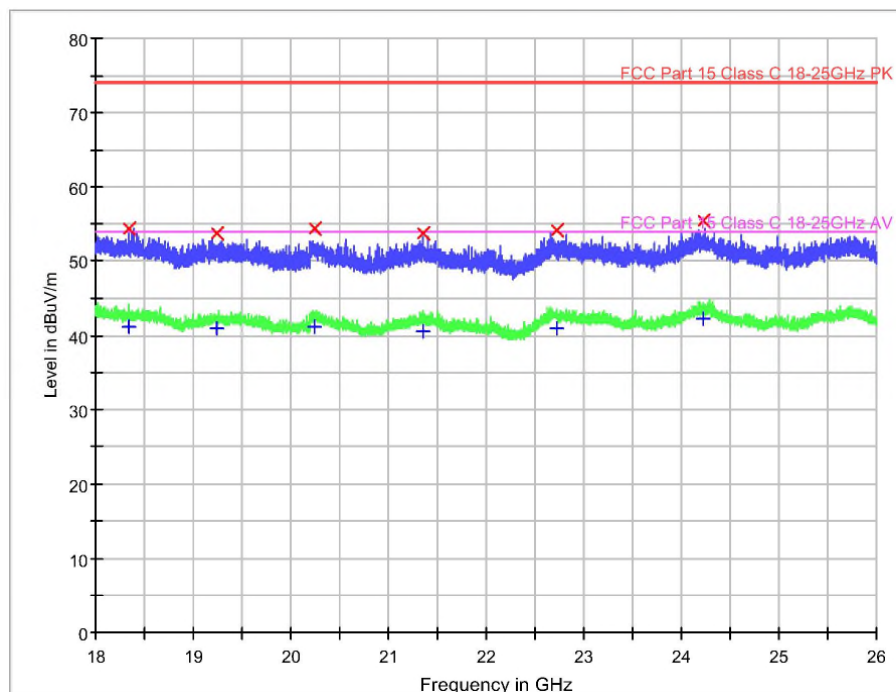
EMC Test Record (Emission)

Common Information

Manufacturer:	Innovative
Test Item:	Massager
Identification:	K6-EN
Test Standard:	FCC Part 15C
Test Detail:	Radiated Emission
Operation Mode:	Transmitting(Low)
Climate Condition:	20 °C, 50 %, 100 k Pa
Test Voltage/ Freq:	DC 5V
Receipt No:	170257888
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; Horizontal

Subrange 1	
Frequency Range:	18GHz-26GHz
Receiver:	TUV FSP30
Transducer:	TUV SAC HF907

EMCTT_EREFO11-A02-08_18GHz-25GHz_With PreAMP EXT



Tested by *Chris Liang*

20210119

Reviewed by *Jacky Chen*

20210121

Prüfbericht - Nr.:

CN219TJX 001

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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/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)
18345.000000	54.2	1000.0	1000.000	H	8.1	19.8	74.0
19235.000000	53.7	1000.0	1000.000	H	7.9	20.3	74.0
20236.000000	54.3	1000.0	1000.000	H	7.7	19.7	74.0
21352.000000	53.7	1000.0	1000.000	H	7.2	20.3	74.0
22724.000000	54.1	1000.0	1000.000	H	7.4	19.9	74.0
24231.000000	55.4	1000.0	1000.000	H	7.7	18.6	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 (dBuV/m)
18345.000000	41.2	1000.0	1000.000	H	8.1	12.8	54.0
19235.000000	40.9	1000.0	1000.000	H	7.9	13.2	54.0
20236.000000	41.2	1000.0	1000.000	H	7.7	12.8	54.0
21352.000000	40.6	1000.0	1000.000	H	7.2	13.5	54.0
22724.000000	41.0	1000.0	1000.000	H	7.4	13.0	54.0
24231.000000	42.2	1000.0	1000.000	H	7.7	11.8	54.0

Tested by

Chris Liang

Reviewed by

Jacky Chen

20210119

20210121

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Test Report No.

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

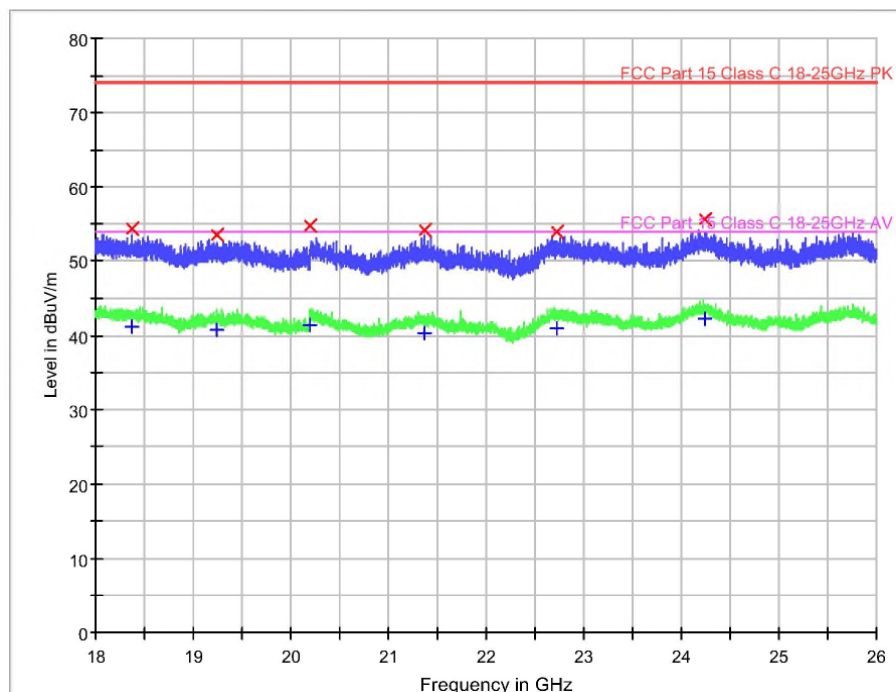
EMC Test Record (Emission)

Common Information

Manufacturer:	Innovative
Test Item:	Massager
Identification:	K6-EN
Test Standard:	FCC Part 15C
Test Detail:	Radiated Emission
Operation Mode:	Transmitting(Low)
Climate Condition:	20 °C, 50 %, 100 k Pa
Test Voltage/ Freq:	DC 5V
Receipt No:	170257888
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; Vertical

Subrange 1	
Frequency Range:	18GHz-26GHz
Receiver:	TUV FSP30
Transducer:	TUV SAC HF907

EMCTT_EREFO11-A02-08_18GHz-25GHz_With PreAMP EXT



Tested by *Chris Liang*
20210119

Reviewed by *Jacky Chen*
20210121

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)
18372.000000	54.4	1000.0	1000.000	V	8.1	19.6	74.0
19241.000000	53.5	1000.0	1000.000	V	7.9	20.5	74.0
20201.000000	54.7	1000.0	1000.000	V	7.7	19.3	74.0
21371.000000	54.1	1000.0	1000.000	V	7.2	19.9	74.0
22729.000000	53.9	1000.0	1000.000	V	7.4	20.1	74.0
24237.000000	55.6	1000.0	1000.000	V	7.7	18.4	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)
18372.000000	41.2	1000.0	1000.000	V	8.1	12.8	54.0
19241.000000	40.8	1000.0	1000.000	V	7.9	13.2	54.0
20201.000000	41.4	1000.0	1000.000	V	7.7	12.6	54.0
21371.000000	40.4	1000.0	1000.000	V	7.2	13.6	54.0
22729.000000	41.0	1000.0	1000.000	V	7.4	13.0	54.0
24237.000000	42.2	1000.0	1000.000	V	7.7	11.8	54.0

Tested by

Chris Liang

Reviewed by

Jacky Chen

20210119

20210121

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

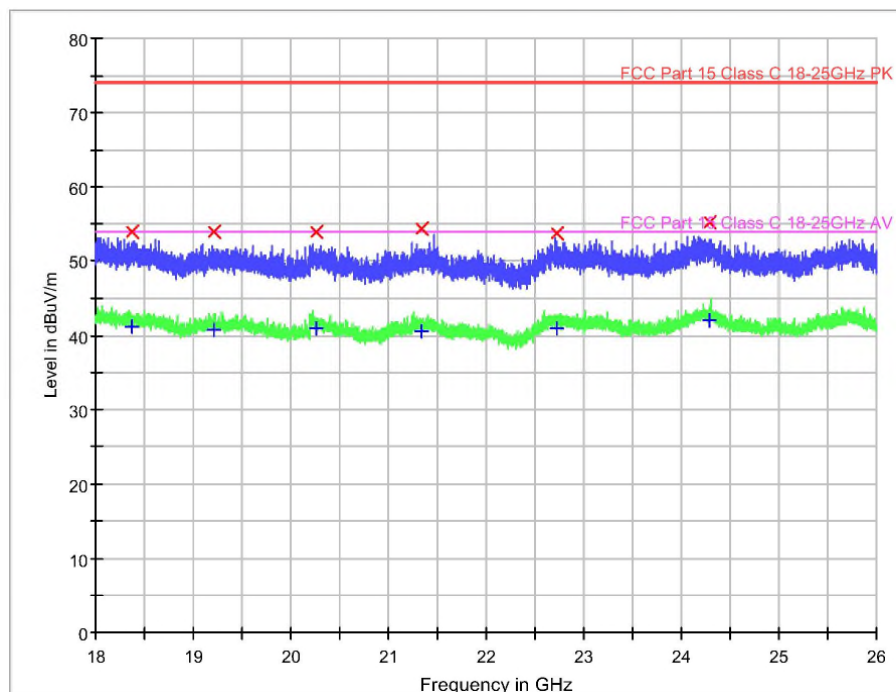
EMC Test Record (Emission)

Common Information

Manufacturer:	Innovative
Test Item:	Massager
Identification:	K6-EN
Test Standard:	FCC Part 15C
Test Detail:	Radiated Emission
Operation Mode:	Transmitting(Middle)
Climate Condition:	20 °C, 50 %, 100 k Pa
Test Voltage/ Freq:	DC 5V
Receipt No:	170257888
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; Horizontal

Subrange 1	
Frequency Range:	18GHz-26GHz
Receiver:	TUV FSP30
Transducer:	TUV SAC HF907

EMCTT_EREFO11-A02-08_18GHz-25GHz_With PreAMP EXT



Tested by

Chris Liang

20210119

Reviewed by

Jacky Chen

20210121

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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)
18366.000000	53.9	1000.0	1000.000	H	8.1	20.1	74.0
19215.000000	53.9	1000.0	1000.000	H	7.9	20.1	74.0
20266.000000	53.8	1000.0	1000.000	H	7.6	20.2	74.0
21335.000000	54.3	1000.0	1000.000	H	7.2	19.7	74.0
22726.000000	53.6	1000.0	1000.000	H	7.4	20.4	74.0
24293.000000	55.3	1000.0	1000.000	H	7.6	18.7	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 (dBuV/m)
18366.000000	41.1	1000.0	1000.000	H	8.1	12.9	54.0
19215.000000	40.7	1000.0	1000.000	H	7.9	13.3	54.0
20266.000000	41.0	1000.0	1000.000	H	7.6	13.0	54.0
21335.000000	40.5	1000.0	1000.000	H	7.2	13.5	54.0
22726.000000	41.0	1000.0	1000.000	H	7.4	13.1	54.0
24293.000000	41.9	1000.0	1000.000	H	7.6	12.1	54.0

Tested by

Chris Liang

Reviewed by

Jacky Chen

20210119

20210121

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

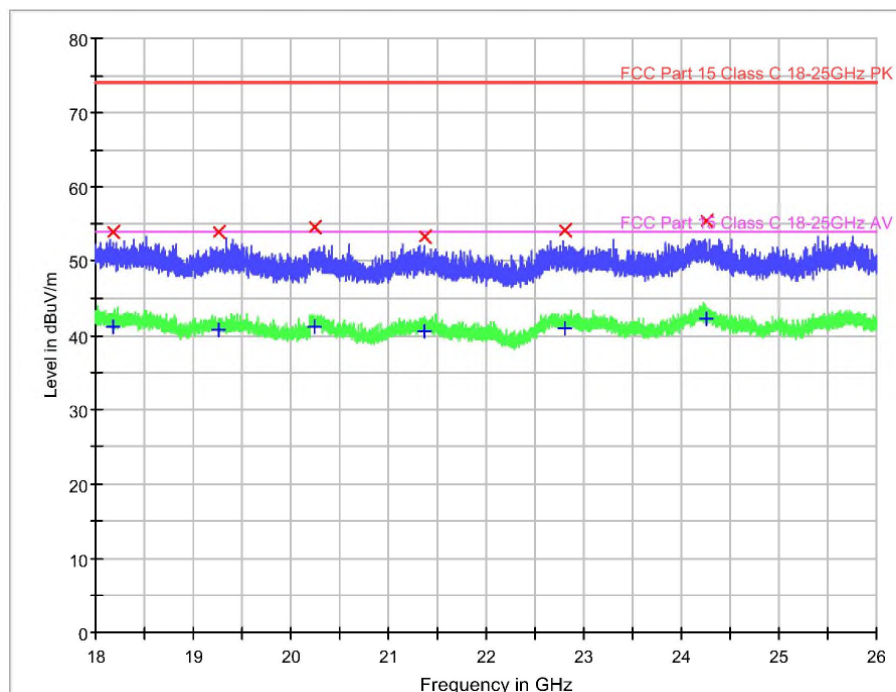
EMC Test Record (Emission)

Common Information

Manufacturer:	Innovative
Test Item:	Massager
Identification:	K6-EN
Test Standard:	FCC Part 15C
Test Detail:	Radiated Emission
Operation Mode:	Transmitting(Middle)
Climate Condition:	20 °C, 50 %, 100 k Pa
Test Voltage/ Freq:	DC 5V
Receipt No:	170257888
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; Vertical

Subrange 1	
Frequency Range:	18GHz-26GHz
Receiver:	TUV FSP30
Transducer:	TUV SAC HF907

EMCTT_EREFO11-A02-08_18GHz-25GHz_With PreAMP EXT



Tested by *Chris Liang*
20210119

Reviewed by *Jacky Chen*
20210121

Prüfbericht - Nr.:

CN219TJX 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/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)
18178.000000	54.0	1000.0	1000.000	V	8.0	20.1	74.0
19255.000000	53.9	1000.0	1000.000	V	7.9	20.1	74.0
20243.000000	54.6	1000.0	1000.000	V	7.6	19.5	74.0
21379.000000	53.3	1000.0	1000.000	V	7.2	20.7	74.0
22806.000000	54.2	1000.0	1000.000	V	7.4	19.9	74.0
24255.000000	55.5	1000.0	1000.000	V	7.7	18.5	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 (dBuV/m)
18178.000000	41.1	1000.0	1000.000	V	8.0	12.9	54.0
19255.000000	40.7	1000.0	1000.000	V	7.9	13.3	54.0
20243.000000	41.2	1000.0	1000.000	V	7.6	12.8	54.0
21379.000000	40.5	1000.0	1000.000	V	7.2	13.6	54.0
22806.000000	41.0	1000.0	1000.000	V	7.4	13.0	54.0
24255.000000	42.2	1000.0	1000.000	V	7.7	11.8	54.0

Tested by

Chris Liang

Reviewed by

Jacky Chen

20210119

20210121

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

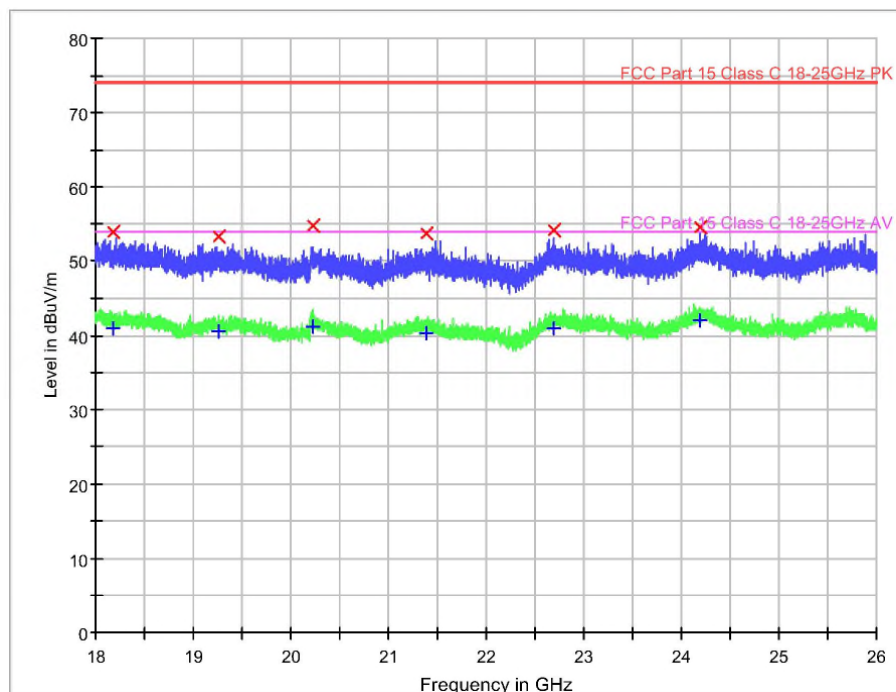
EMC Test Record (Emission)

Common Information

Manufacturer:	Innovative
Test Item:	Massager
Identification:	K6-EN
Test Standard:	FCC Part 15C
Test Detail:	Radiated Emission
Operation Mode:	Transmitting(High)
Climate Condition:	20 °C, 50 %, 100 k Pa
Test Voltage/ Freq:	DC 5V
Receipt No:	170257888
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; Horizontal

Subrange 1	
Frequency Range:	18GHz-26GHz
Receiver:	TUV FSP30
Transducer:	TUV SAC HF907

EMCTT_EREFO11-A02-08_18GHz-25GHz_With PreAMP EXT



Tested by

Chris Liang

Reviewed by

Jacky Chen

20210119

20210121

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)
18181.000000	53.8	1000.0	1000.000	H	8.0	20.2	74.0
19264.000000	53.4	1000.0	1000.000	H	7.9	20.6	74.0
20219.000000	54.8	1000.0	1000.000	H	7.7	19.2	74.0
21391.000000	53.7	1000.0	1000.000	H	7.2	20.3	74.0
22699.000000	54.1	1000.0	1000.000	H	7.4	19.9	74.0
24186.000000	54.6	1000.0	1000.000	H	7.7	19.4	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)
18181.000000	41.0	1000.0	1000.000	H	8.0	13.0	54.0
19264.000000	40.5	1000.0	1000.000	H	7.9	13.5	54.0
20219.000000	41.2	1000.0	1000.000	H	7.7	12.8	54.0
21391.000000	40.4	1000.0	1000.000	H	7.2	13.6	54.0
22699.000000	41.0	1000.0	1000.000	H	7.4	13.0	54.0
24186.000000	41.9	1000.0	1000.000	H	7.7	12.1	54.0

Tested by

Chris Liang

Reviewed by

Jacky Chen

20210119

20210121

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

EMC Test Service Hotline: +86-20-28391188

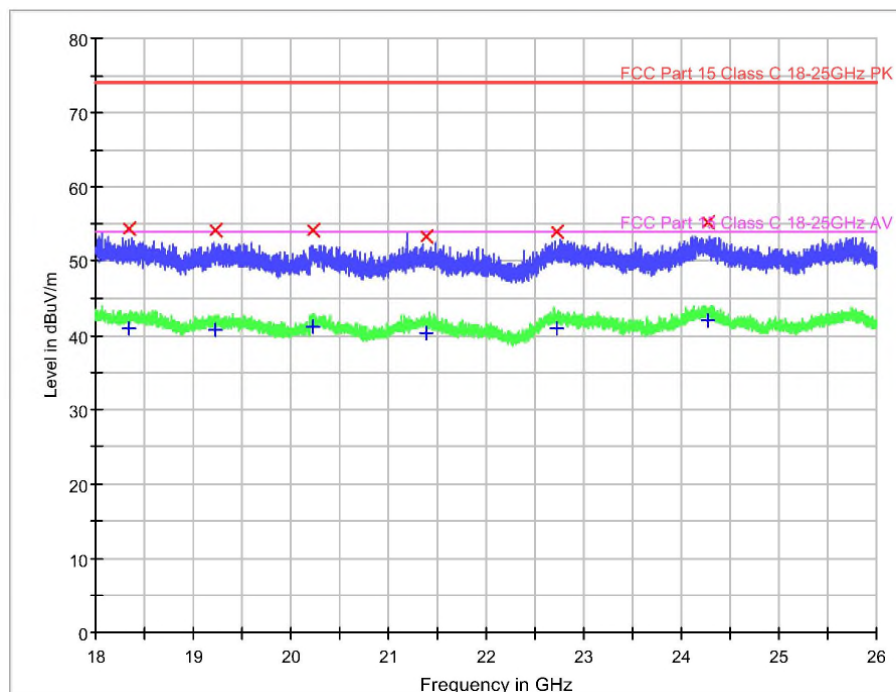
EMC Test Record (Emission)

Common Information

Manufacturer:	Innovative
Test Item:	Massager
Identification:	K6-EN
Test Standard:	FCC Part 15C
Test Detail:	Radiated Emission
Operation Mode:	Transmitting(High)
Climate Condition:	20 °C, 50 %, 100 k Pa
Test Voltage/ Freq:	DC 5V
Receipt No:	170257888
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; Vertical

Subrange 1	
Frequency Range:	18GHz-26GHz
Receiver:	TUV FSP30
Transducer:	TUV SAC HF907

EMCTT_ERE011-A02-08_18GHz-25GHz_With PreAMP EXT



Tested by *Chris Liang*
20210119

Reviewed by *Jacky Chen*
20210121

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)
18331.000000	54.3	1000.0	1000.000	V	8.1	19.7	74.0
19221.000000	54.2	1000.0	1000.000	V	7.9	19.8	74.0
20219.000000	54.1	1000.0	1000.000	V	7.7	19.9	74.0
21391.000000	53.3	1000.0	1000.000	V	7.2	20.8	74.0
22718.000000	53.9	1000.0	1000.000	V	7.4	20.1	74.0
24270.000000	55.1	1000.0	1000.000	V	7.7	18.9	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)
18331.000000	41.0	1000.0	1000.000	V	8.1	13.0	54.0
19221.000000	40.7	1000.0	1000.000	V	7.9	13.3	54.0
20219.000000	41.2	1000.0	1000.000	V	7.7	12.8	54.0
21391.000000	40.4	1000.0	1000.000	V	7.2	13.6	54.0
22718.000000	40.9	1000.0	1000.000	V	7.4	13.1	54.0
24270.000000	42.0	1000.0	1000.000	V	7.7	12.0	54.0

Tested by

Chris Liang

Reviewed by

Jacky Chen

20210119

20210121

Prüfbericht - Nr.:

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Band Edge- BLE

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

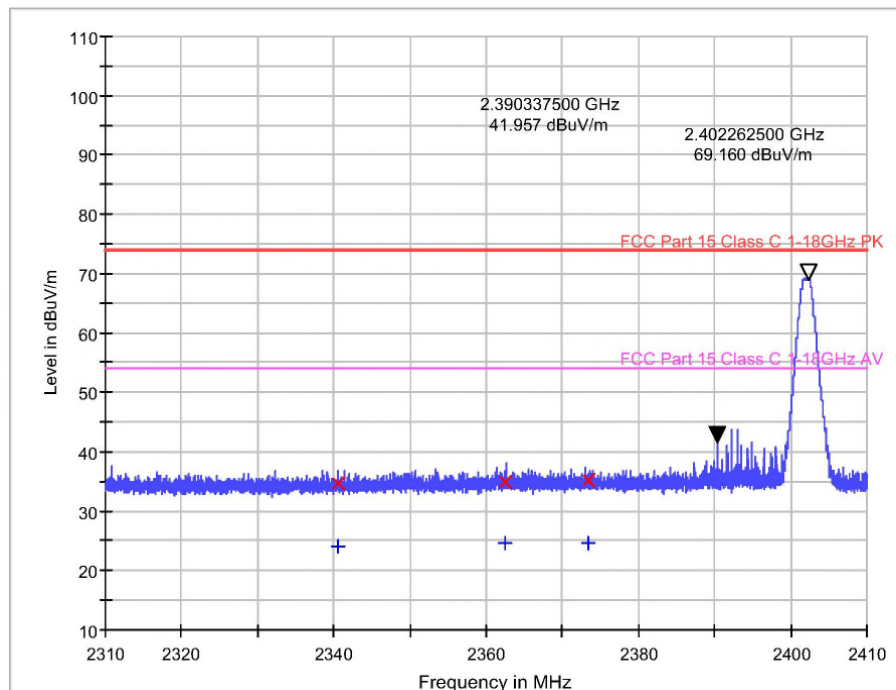
EMC Test Record (Emission)

Common Information

Manufacturer:	Innovative
Test Item:	Massager
Identification:	K6-EN
Test Standard:	FCC Part 15C
Test Detail:	Band edge
Operation Mode:	Transmitter(High)
Climate Condition:	20 °C, 50 %, 100 k Pa
Test Voltage/ Freq:	DC 5V
Receipt No:	170257888
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; Horizontal

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

EMCTT_EREFO11-A02-05_1GHz-18GHz_With PreAMP EXT



Tested by

Chris Liang

20210119

Reviewed by

Jacky Chen

20210121

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/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)
2340.500000	34.7	1000.0	1000.000	H	-14.2	39.3	74.0
2362.500000	34.9	1000.0	1000.000	H	-14.2	39.1	74.0
2373.500000	35.1	1000.0	1000.000	H	-14.2	38.9	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)
2340.500000	24.1	1000.0	1000.000	H	-14.2	29.9	54.0
2362.500000	24.6	1000.0	1000.000	H	-14.2	29.4	54.0
2373.500000	24.5	1000.0	1000.000	H	-14.2	29.5	54.0

Tested by

Chris Liang

Reviewed by

Jacky Chen

20210119

20210121

Prüfbericht - Nr.:
Test Report No.

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

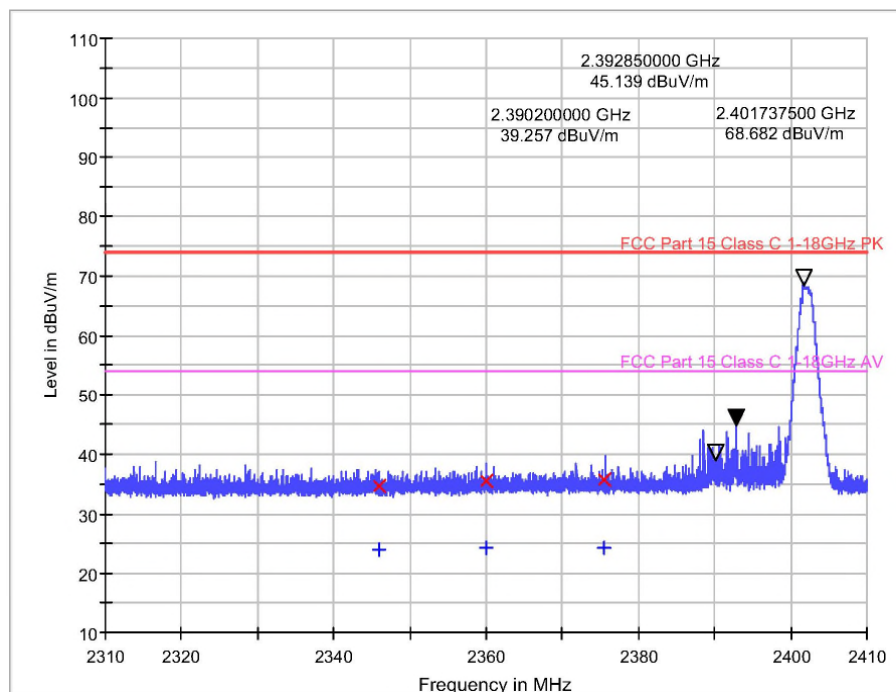
EMC Test Record (Emission)

Common Information

Manufacturer:	Innovative
Test Item:	Massager
Identification:	K6-EN
Test Standard:	FCC Part 15C
Test Detail:	Band edge
Operation Mode:	Transmitter(Low)
Climate Condition:	20 °C, 50 %, 100 k Pa
Test Voltage/ Freq:	DC 5V
Receipt No:	170257888
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; Vertical

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

EMCTT_EREFO11-A02-05_1GHz-18GHz_With PreAMP EXT



Tested by
Chris Liang
20210119

Reviewed by

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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)
2346.000000	34.8	1000.0	1000.000	V	-14.2	39.2	74.0
2360.000000	35.5	1000.0	1000.000	V	-14.2	38.5	74.0
2375.500000	35.6	1000.0	1000.000	V	-14.2	38.4	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)
2346.000000	24.1	1000.0	1000.000	V	-14.2	29.9	54.0
2360.000000	24.4	1000.0	1000.000	V	-14.2	29.6	54.0
2375.500000	24.5	1000.0	1000.000	V	-14.2	29.6	54.0

Tested by

Chris Liang

Reviewed by

20210119

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Test Report No.

CN219TJX 001

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

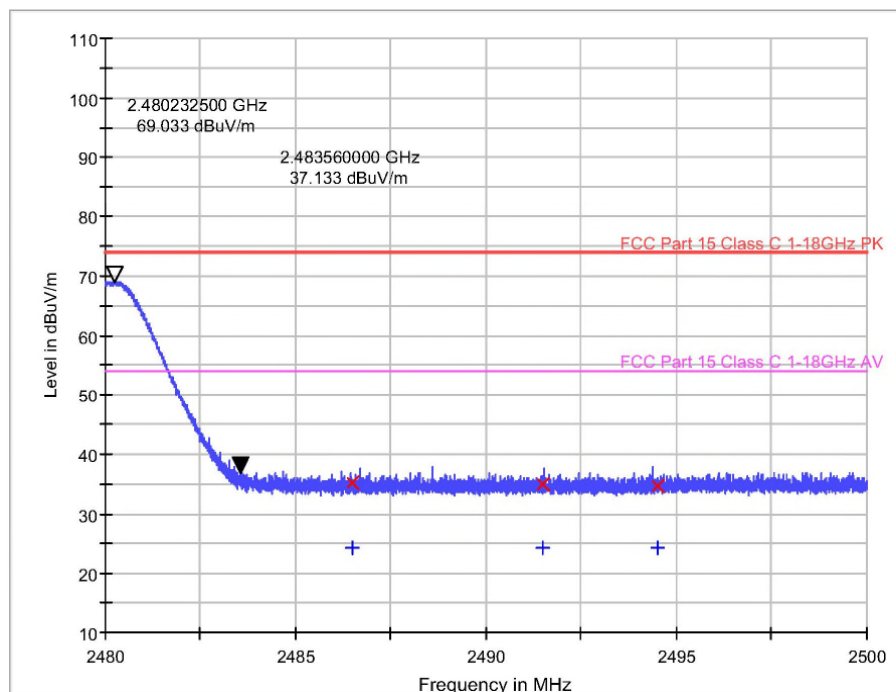
EMC Test Record (Emission)

Common Information

Manufacturer:	Innovative
Test Item:	Massager
Identification:	K6-EN
Test Standard:	FCC Part 15C
Test Detail:	Band edge
Operation Mode:	Transmitter(High)
Climate Condition:	20 °C, 50 %, 100 k Pa
Test Voltage/ Freq:	DC 5V
Receipt No:	170257888
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; Horizontal

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

EMCTT_ EREF011-A02-05_1GHz-18GHz_With PreAMP EXT



Tested by

Chris Liang

20210119

Reviewed by

Jacky Chen

20210121

Prüfbericht - Nr.:

CN219TJX 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/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)
2486.500000	35.3	1000.0	1000.000	H	-14.1	38.7	74.0
2491.500000	35.0	1000.0	1000.000	H	-14.1	39.0	74.0
2494.500000	34.7	1000.0	1000.000	H	-14.1	39.3	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 (dBuV/m)
2486.500000	24.4	1000.0	1000.000	H	-14.1	29.6	54.0
2491.500000	24.4	1000.0	1000.000	H	-14.1	29.6	54.0
2494.500000	24.4	1000.0	1000.000	H	-14.1	29.6	54.0

Tested by

Chris Liang

Reviewed by

Jacky Chen

20210119

20210121

Prüfbericht - Nr.:
Test Report No.

CN219TJX 001

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TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

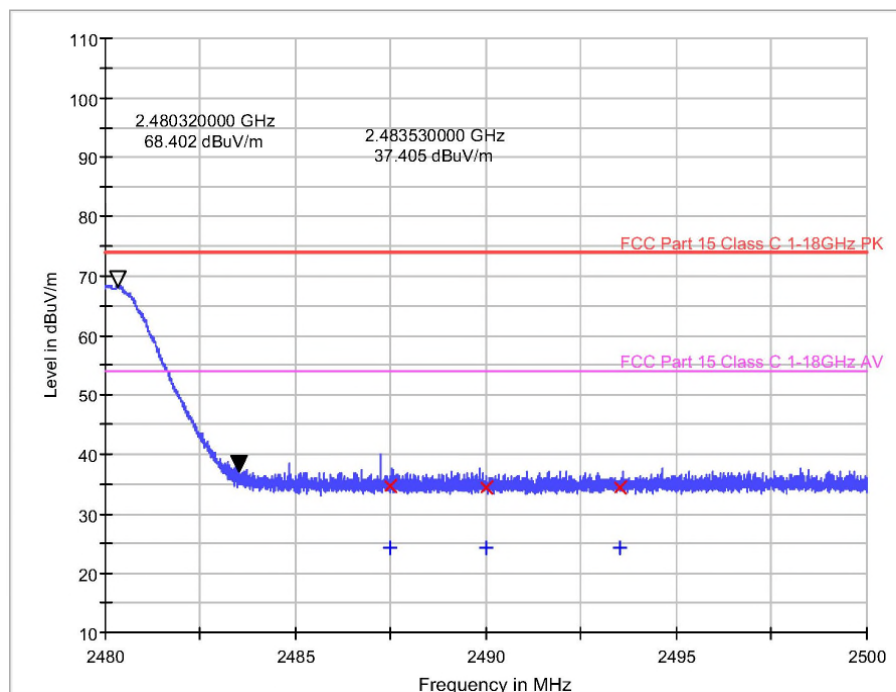
EMC Test Record (Emission)

Common Information

Manufacturer:	Innovative
Test Item:	Massager
Identification:	K6-EN
Test Standard:	FCC Part 15C
Test Detail:	Band edge
Operation Mode:	Transmitter(High)
Climate Condition:	20 °C, 50 %, 100 k Pa
Test Voltage/ Freq:	DC 5V
Receipt No:	170257888
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; Vertical

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

EMCTT_ EREF011-A02-05_1GHz-18GHz_With PreAMP EXT



Tested by

Chris Liang

20210119

Reviewed by

Jacky Chen

20210121

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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)
2487.500000	34.6	1000.0	1000.000	V	-14.1	39.4	74.0
2490.000000	34.5	1000.0	1000.000	V	-14.1	39.5	74.0
2493.500000	34.5	1000.0	1000.000	V	-14.1	39.5	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 (dBuV/m)
2487.500000	24.3	1000.0	1000.000	V	-14.1	29.7	54.0
2490.000000	24.4	1000.0	1000.000	V	-14.1	29.6	54.0
2493.500000	24.4	1000.0	1000.000	V	-14.1	29.6	54.0

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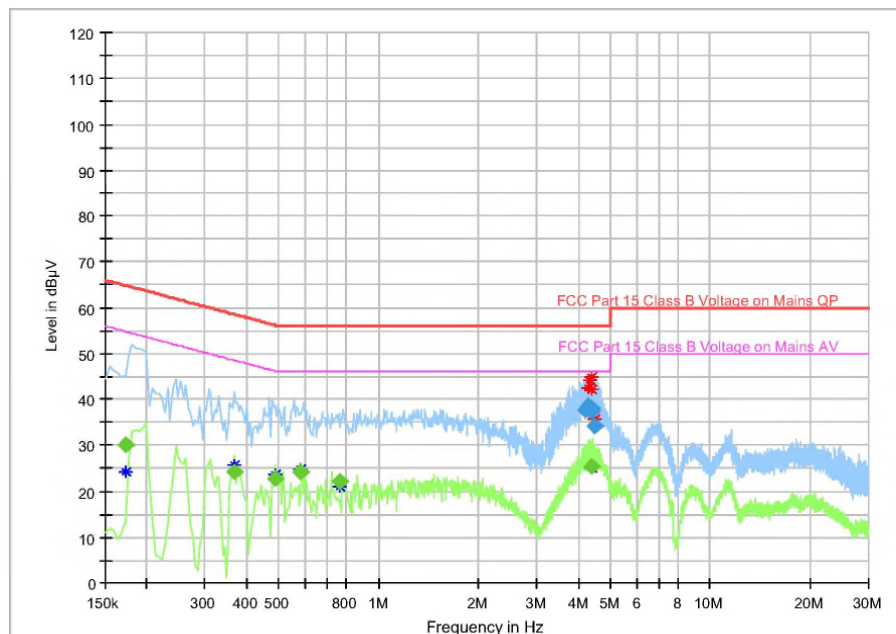
EMC Test Record (EMISSION)

Common Information

Manufacturer: Innovative
Test Item: Massager
Identification: K6-EN
Test Standard: FCC Part 15B
Test Detail: Conducted Emission
Operation Mode: A
Climate Condition: 23 °C, 50 %, 100 k Pa
Test Voltage/ Freq.: AC 120V/60Hz
Port / Line: AC mains
Receipt No.: 170257888
Report No.: /
Result: Pass
Comment: /

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

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



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Final Result

Frequency (MHz)	QuasiPeak (dBμV)	CAverage (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.172500	---	30.20	54.84	24.64	1000.0	9.000	N	9.6
0.366000	---	24.34	48.59	24.26	1000.0	9.000	L1	9.6
0.487500	---	22.86	46.21	23.35	1000.0	9.000	L1	9.7
0.582000	---	24.31	46.00	21.69	1000.0	9.000	L1	9.7
0.762000	---	22.14	46.00	23.86	1000.0	9.000	L1	9.7
4.218000	37.72	---	56.00	18.28	1000.0	9.000	N	9.8
4.281000	38.41	---	56.00	17.59	1000.0	9.000	N	9.8
4.353000	37.52	---	56.00	18.48	1000.0	9.000	N	9.8
4.375500	---	25.39	46.00	20.61	1000.0	9.000	L1	9.8
4.384500	38.01	---	56.00	17.99	1000.0	9.000	N	9.8
4.393500	37.26	---	56.00	18.74	1000.0	9.000	N	9.8
4.492500	34.10	---	56.00	21.90	1000.0	9.000	L1	9.8

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