

TEST REPORT

| To: | SILVERLIT TOYS MANUFACTORY L | ΓD. | Fax: | | |
|-------------|--|--------------------------------|------|---|--|
| Attn: | Mr Edmond Chan Mr Horace Chau | | | edmond@silverlit.com horace@silverlit.com wt.angelzhang@silverlit.com | |
| Address: | RM 1102, EAST OCEAN CENTER, 98 GRANVILLE ROAD, TSIM SHA TSUI, KOWLOON, HONG KONG | | | | |
| Cc: | Fax/Email: | | | | |
| Attn: | | | | | |
| Folder No.: | | Date of Receipt: Test date: | | 2023-09-12 2023-09-12 to 2023-09-20 | |

| MANUFACTURER OR SUPPLIER NAME: MANUFACTURER OR SUPPLIER ADDRESS: | | |
|---|---|-----------------------------------|
| PRODUCT: | MOTODRIFT X | |
| MODEL REFERENCE: | 20288 | |
| ADDITIONAL MODEL & MODEL DIFFERENCE: | SK17071, see item 2.1 | |
| RATED VOLTAGE: | Remote: 3.0Vd.c. ("AA" size battery x 2) Car: 4.5Vd.c. ("AA" size battery x 3) | |
| REMARKS: | | |
| SAMPLE NO.: | (5223)268-0794 | |
| The submitted sample of t standards: | he above equipment has been tested according to | the requirements of the following |

ETSI EN 300 440 V2.2.1 (2018-07)

CONCLUSION: The submitted sample was found to <u>COMPLY</u> with the test requirement

Assistant Manager, EMC Department

Name: Sze Tsz Man Date: December 18, 2023

BUREAU VERITAS HONG KONG LIMITED – Kowloon Bay Office 1/F Pacific Trade Centre, 2 Kai Hing Road, Kowloon Bay, Kowloon,HONG KONG Tel: +852 2331 0888 Fax: +852 2331 0889 www.cps.bureauveritas.com This report is governed by, and incorporates by reference, CPS Conditions of Service as posted at the date of issuance of this report at http://www.bureauverilas.com/home/about-us/our-business/ps/about-us/business/and is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. Measurement uncertainty is only provided upon request for accredited tests. You have 60 days from date of issuance of this report to notify us of any material be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute you unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.

Page 1 of 44



TABLE OF CONTENTS

| RELEASE CONTROL RECORD | | | |
|------------------------|--|----|--|
| 1 SU | MMARY OF TEST RESULTS | 5 | |
| 1.1 | TEST INSTRUMENTS | 7 | |
| 1.2 | MEASUREMENT UNCERTAINTY | | |
| 1.3 | MAXIMUM MEASUREMENT UNCERTAINTY | | |
| 2 GE | NERAL INFORMATION | 11 | |
| 2.1 | GENERAL DESCRIPTION OF EUT | 11 | |
| 2.2 | DESCRIPTION OF TEST MODES | | |
| 2.3 | GENERAL DESCRIPTION OF APPLIED STANDARDS | 13 | |
| 2.4 | DESCRIPTION OF SUPPORT UNITS | 13 | |
| 3 TES | ST TYPES AND RESULTS | 14 | |
| TRAN | ISMITTER PARAMETERS | 14 | |
| 3.1 | EQUIVALENT ISOTROPIC RADIATED POWER | | |
| 3.1 | | | |
| 3.1 | | | |
| 3.1 | | | |
| 3.1 | | | |
| 3.1 | | | |
| 3.2 | PERMITTED RANGE OF OPERATING FREQUENCIES | | |
| 3.2 | | | |
| 3.2 | | | |
| 3.2 | | | |
| 3.2 | | | |
| - | MEASUREMENT RADIATED SPURIOUS EMISSION | | |
| 3.3 | 1 LIMITS OF MEASUREMENT RADIATED SPURIOUS EMISSION | 19 | |
| 3.3 | | | |
| 3.3 | | | |
| 3.3 | | 19 | |
| 3.3 | | | |
| | DUTY CYCLE (NOT APPLY) | | |
| 3.4 | | - | |
| 3.4 | | | |
| 3.4 | | | |
| 3.4 3.4 | | | |
| - | EIVER PARAMETERS | - | |
| | ADJACENT CHANNEL SELECTIVITY | | |
| 3.5 | | | |
| 3.5 | | | |
| | C HONC KONC LIMITED This report is governed by and incomparises by reference. CBS Conditions of Service as pasted at the data of | | |

BUREAU VERITAS HONG KONG LIMITED – Kowloon Bay Office 1/F Pacific Trade Centre, 2 Kai Hing Road, Kowloon Bay, Kowloon,HONG KONG Tel: +852 2331 0888 Fax: +852 2331 0889 www.cos burgauveritae.com www.cps.bureauveritas.com



| 3.5.3 | TEST SETUP | |
|-----------|--|--|
| 3.5.4 | TEST RESULTS | |
| 3.6 BI | LOCKING OR DESENSITIZATION | |
| 3.6.1 | LIMITES OF RECEIVER BLOCKING | |
| 3.6.2 | TEST PROCEDURES | |
| 3.6.3 | TEST SETUP | |
| 3.6.4 | TEST RESULTS | |
| 3.7 R | ECEIVER SPURIOUS EMISSIONS | |
| 3.7.1 | LIMITS OF RECEIVER SPURIOUS EMISSIONS | |
| 3.7.2 | TEST PROCEDURES | |
| 3.7.3 | DEVIATION FROM TEST STANDARD | |
| 3.7.4 | TEST SETUP | |
| 3.7.5 | TEST RESULTS | |
| 4 PHOT | OGRAPHS OF THE TEST CONFIGURATION | |
| • • • • – | NDIX A – MODIFICATIONS RECORDERS FOR ENG AB | |



RELEASE CONTROL RECORD

| ISSUE NO. | ISSUE NO. REASON FOR CHANGE | |
|---------------|-----------------------------|---------------|
| RE2309WDG0060 | Original release | Sep. 25, 2023 |

BUREAU VERITAS HONG KONG LIMITED -BUREAU VERITAS HONG KONG Kowloon Bay Office 1/F Pacific Trade Centre, 2 Kai Hing Road, Kowloon Bay, Kowloon,HONG KONG Tel: +852 2331 0888 Fax: +852 2331 0889 www.cps.bureauveritas.com



1 SUMMARY OF TEST RESULTS

The EUT has been tested according to the following specifications:

| APPLIED STANDARD: EN 300 440 V2.2.1 (2018-07) | | | | |
|---|---|--------|----------------|--|
| Standard Subclause | Test Type and Limit | Result | Remark | |
| | TRANSMITTER PARAMETERS | | | |
| 4.2.2 | Equivalent Isotropic Radiated Power | PASS | Applicable | |
| 4.2.3 | Permitted range of operating frequency | PASS | Applicable | |
| 4.2.4 | Unwanted emissions in the spurious domain | PASS | Applicable | |
| 4.2.5 | Duty Cycle | N/A | Not Applicable | |
| | RECEIVER PARAMETERS | | | |
| 4.3.3 | Adjacent channel selectivity | N/A | Not Applicable | |
| 4.3.4 | Blocking or desensitization | PASS | Applicable | |
| 4.3.5 | Radiated spurious emission | PASS | Applicable | |

BUREAU VERITAS HONG KONG LIMITED -BUREAU VERITAS HONG KONG Kowloon Bay Office 1/F Pacific Trade Centre, 2 Kai Hing Road, Kowloon Bay, Kowloon,HONG KONG Tel: +852 2331 0888 Fax: +852 2331 0889 www.cps.bureauveritas.com



Receiver categories

| Receiver category | Relevant receiver clauses | Risk assessment of receiver performance | The EUT Category |
|-------------------|---------------------------|---|---------------------|
| 1 | 4.3.3, 4.3.4 and 4.3.5 | Highly reliable SRD communication media; e.g. serving human life inherent systems (may result in a physical risk to a person). | - |
| 2 | 4.3.4 and 4.3.5 | Medium reliable SRD communication media e.g. causing inconvenience to persons, which cannot simply be overcome by other means. | - |
| 3 | 4.3.4 and 4.3.5 | Standard reliable SRD communication media e.g. Inconvenience to persons, which can simply be overcome by other means (e.g. manual). | \checkmark |

If receiver category 1 or 2 is selected, this shall be stated in both the test report and in the user's manual for the equipment.



1.1 TEST INSTRUMENTS

| Equipment | Manufacturer | Model No. | Serial No. | Next Cal. |
|---|---------------|----------------------------------|--------------|--------------|
| Spectrum Analyzer | Rohde&Schwarz | FSV3044 | 101326 | July 13, 24 |
| Bilog Antenna | SCHWARZBECK | VULB 9168 | 9168-555 | Jan. 08, 24 |
| Pre-Amplifier | Agilent | 8447D | 2944A10488 | July. 26, 24 |
| 3m Semi-anechoic Chamber | ETS-Lindgren | 9m*6m*6m | D3040003DG-1 | July 30, 24 |
| Coaxial RF Cable | Joinfront | JFAA6-NMNM-8000 | 2100033742 | July 10, 24 |
| Coaxial RF Cable | Joinfront | JFAR-NMBNCM-2000 | 2100033742 | July 10, 24 |
| Coaxial RF Cable | Joinfront | JFAR-BNCMSMM-500 | 2100033742 | July 10, 24 |
| Test software | ADT | ADT_Radiated_V7.6.15. 9.2 | N/A | N/A |
| Horn Antenna | ETS-Lindgren | 3117 | 00240041 | May 06, 24 |
| Horn Antenna | SCHWARZBECK | BBHA 9170 | 01024 | Oct. 16, 23 |
| Pre-Amplifier (1GHz-18GHz) | SCHWARZBECK | BBV 9718C | 00142 | Apr. 01, 24 |
| Pre-Amplifier (18GHz-40GHz) | Rohde&Schwarz | SCU40 | 100437 | Oct. 27, 23 |
| Coaxial RF Cable | Joinfront | JFAA6-NMSMM-2000 | 2100033742 | July 10, 24 |
| Coaxial RF Cable | Joinfront | JFAA6-NMSMM-800 | 2100033742 | July 10, 24 |
| Spectrum Analyzer | Rohde&Schwarz | FSV40 | 101094 | Jan. 11, 24 |
| Progammble Temperature&Humidity Chamber | Hongjin | HYC-TH-225DH | DG-180746 | Jan. 11, 24 |
| Attenuator | MINI | BW-S10W2+ | S130129FGE2 | N/A |
| DC Source | Agilent | E3640A | MY40004013 | Feb. 08, 24 |
| Test software | ADT | ADT_RF Test Software V6.6.5.3 | N/A | N/A |
| Test software | ADT | ADT_RF Test Software V6.6.5.4 | N/A | N/A |

NOTES:

- 1. The test was performed in 966 Chamber and RF Test Shielding Room.
- 2. The calibration interval of the above test instruments are 12 months and the calibrations are traceable to CEPREI/CHINA, GRGT/CHINA and NIM/CHINA.
- 3. The horn antenna is used only for the measurement of emission frequency above 1GHz if tested.
- 4. Test site: No. 122, Houjie Avenue West Houjie Town, Dongguan City Guangdong Province, 523960, People's Republic of China.



For Receiver Blocking test and Adjacent channel selectivity test:

| Equipment | Manufacturer | Model No. | Serial No. | Next Cal. |
|---------------------------------|---------------|-----------------------|-------------|-------------|
| Wireless Connectivity Tester | Rohde&Schwarz | CMW270 | 101601 | Nov. 01, 23 |
| MXA VEXTOR SIGNAL | Agilent | N5182A | MY50140530 | Jan. 11, 24 |
| Signal Generator | Agilent | E4421B | US40051152 | Oct. 30, 23 |
| Spectrum Analyzer | Rohde&Schwarz | FSV40 | 101003 | Jan. 15, 24 |
| Frequency Analyzer | Keysight | N9010B | MY60240432 | Nov. 01, 23 |
| Power Sensor(8*8) | Tonscend | JS0806-2 | 188060112 | Apr. 05, 24 |
| DC Source | Agilent | E3640A | MY40004013 | Feb. 08, 24 |
| Shield Box | TOJOIN | MS4345-C | SZA18A 3038 | N/A |
| Attenuator | TOJOIN | CHB-8-90-1-B 50SMA | 0803002 | N/A |
| COM Power Splitter | TOJOIN | PS-TX-2B | 020801 | N/A |
| COM Power Splitter | TOJOIN | PS-TX-2B | 020802 | N/A |
| Test software | TonScend | JS1120-3-1 | JS-001 | N/A |

NOTES:

1. The test was performed in RF Test Shielding Room.

2. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to CEPREI/CHINA, GRGT/CHINA and NIM/CHINA.

3. Test site: No. 122, Houjie Avenue West Houjie Town, Dongguan City Guangdong Province, 523960, People's Republic of China.

This report is governed by, and incorporates by reference, CPS Conditions of Service as posted at the date of issuance of this report at http://www.bureauveritas.com/home/about-us/our-business/cps/about-us/tems-conditions/and is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. Measurement uncertainty is only provided upon request for accredited tests. You have 60 days from date of issuance of this report to notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute you unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.



1.2 MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT:

| Parameter | Uncertainty |
|---|------------------------|
| Radio frequency | ±1.06x10 ⁻⁸ |
| RF power (conducted) | ±0.56 dB |
| Radiated emission of transmitter, valid up to 26.5GHz | ±4.84dB |
| Radiated emission of transmitter, valid between 26.5GHz and 66GHz | ±4.96 dB |
| Radiated emission of receiver, valid up to 26.5GHz | ±4.84dB |
| Radiated emission of receiver, valid between 26.5GHz and 66GHz | ±4.96 dB |
| Temperature | ±0.23 °C |
| Humidity | ±0.3 % |
| Voltages (DC) | ±0.1 % |
| Voltages (AC, <10kHz) | ±0.22 % |

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.



1.3 MAXIMUM MEASUREMENT UNCERTAINTY

For the test methods, according to ETSI EN 300 440 standard, the measurement uncertainty figures shall be calculated in accordance with TR 100 028 [7] and shall correspond to an expansion factor (coverage factor) k = 1,96 or k = 2 (which provide confidence levels of respectively 95 % and 95,45 % in the case where the distributions characterizing the actual measurement uncertainties are normal (Gaussian)).

| Parameter | Uncertainty |
|---|---------------------|
| Radio frequency | ±1x10 ⁻⁷ |
| RF power (conducted) | ±1.5 dB |
| Radiated emission of transmitter, valid up to 26.5GHz | ±6.0 dB |
| Radiated emission of transmitter, valid between 26.5GHz and 66GHz | ±8.0 dB |
| Radiated emission of receiver, valid up to 26.5GHz | ±6.0 dB |
| Radiated emission of receiver, valid between 26.5GHz and 66GHz | ±8.0 dB |
| Temperature | ±1°C |
| Humidity | ±5.0 % |
| Voltages (DC) | ±1.0 % |
| Voltages (AC, <10kHz) | ±2.0 % |



2 GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

| PRODUCT | MOTODRIFT X | | | | |
|--------------------------------|--|---------|-----|------------------------------|------------|
| MODEL NO. | 20288 | | | | |
| ADDITIONAL MODEL | SK17071 | | | | |
| NOMINAL VOLTAGE | Remote cont Car: DC 4.5 | | • | /*AA*2) from b om battery | attery; |
| OPERATING VOLTAGE | Remote Control | Vnom= 3 | V | Vmin= 2.55V | Vmax= 3V |
| RANGE | Car | Vnom= 4 | .5V | Vmin= 3.825 | V Vmax= 3V |
| OPERATING TEMPERATURE RNAGE | -5 ~ +55°C | | | | |
| MODULATION TYPE | GFSK | | | | |
| OPERATING FREQUENCY | 2418MHz~2 | 462MHz | | | |
| EIRP (MAX) | -28.93dBm for Remote Control | | | | |
| | -27.92dBm for Car | | | | |
| ANTENNA TYPE | Wire Antenna, with 0dBi gain(Remote); Wire Antenna, with 0dBi gain(Car) | | | | |
| CABLE SUPPLIED | N/A | | | | |
| RECEIVER CATEGORY | Category 1 Category 2 Category 3 | | | | |

NOTES:

- 1. For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.
- 2. For the test results, the EUT had been tested with all conditions, but only the worst case was shown in test report.
- 3. Please refer to the EUT photo document (Reference No.: 2309WDG0060) for detailed product photo.
- 4. Additional model SK17071 is identical with the test model 20288 except the color of the appearance and model number for trading purpose.



2.2 **DESCRIPTION OF TEST MODES**

| SAMPLE | MODE | FREQUENCY |
|----------------|-------------------------|-----------------|
| Remote Control | Transmitting/ Receiving | 2418MHz-2462MHz |
| Car | Transmitting/ Receiving | 2418MHz-2462MHz |

Channel List

| Channel | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
|---------|--------------------|---------|--------------------|---------|--------------------|
| 1 | 2418 | 9 | 2434 | 17 | 2450 |
| 2 | 2420 | 10 | 2436 | 18 | 2452 |
| 3 | 2422 | 11 | 2438 | 19 | 2454 |
| 4 | 2424 | 12 | 2440 | 20 | 2456 |
| 5 | 2426 | 13 | 2442 | 21 | 2458 |
| 6 | 2428 | 14 | 2444 | 22 | 2460 |
| 7 | 2430 | 15 | 2446 | 23 | 2462 |
| 8 | 2432 | 16 | 2448 | | |

| Channel | Freq. (MHz) |
|---------|-------------|
| Low | 2418 |
| Middle | 2440 |
| High | 2462 |

Note: The more detailed channel, please refer to the product specifications



2.3 GENERAL DESCRIPTION OF APPLIED STANDARDS

The EUT is a RF Product, according to the specifications of the manufacturers; it must comply with the requirements of the following standards:

EN 300 440 V2.2.1 (2018-07)

All test items have been performed and recorded as per the above standards.

2.4 DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an independent unit without other necessary accessories or support units.

This report is governed by, and incorporates by reference, CPS Conditions of Service as posted at the date of issuance of this report at http://www.bureauveritas.com/home/about-us/our-business/cps/about-us/mems-conditions/and is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. Measurement uncertainty is only provided upon request for accredited fests. You have 60 days from date of issuance of this report to notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute you unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.



3 TEST TYPES AND RESULTS

TRANSMITTER PARAMETERS

3.1 EQUIVALENT ISOTROPIC RADIATED POWER

3.1.1 LIMITS OF EQUIVALENT ISOTROPIC RADIATED POWER

| Condition | Limit (e.i.r.p) | |
|-------------|-----------------|--|
| Generic use | 10 mW e.i.r.p. | |

For Extreme temperature ranges:

| Category | Temperature range | The EUT Category |
|---------------------------------------|-------------------|------------------|
| I (General) | -20°C to +55°C | - |
| II (Portable) | -10°C to +55°C | - |
| III (Equipment for normal indoor use) | 5°C to +35°C | - |
| Other (Declared by the manufacturer) | -5°C to +55°C | \checkmark |

3.1.2 TEST PROCEDURES

Refer to chapter 4.2.2.3 of EN 300 440 V2.2.1 (2018-07).

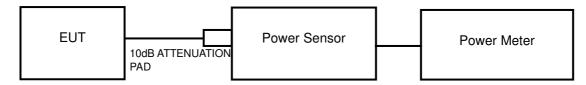
3.1.3 DEVIATION FROM TEST STANDARD

No deviation.



3.1.4 TEST SETUP

- 1. Ran a test program to control EUT transmit at specific channel
- 2. A power meter was used to read the response of the power sensor.
- 3. Record the power level.
- 4. EIRP = antenna gain + power level of step 3.



The -6dB bandwidth is less than 20 MHz, so determine the appropriate method of measurement: see clauses 4.2.2.3.1

BUREAU VERITAS HONG KONG LIMITED – Kowloon Bay Office 1/F Pacific Trade Centre, 2 Kai Hing Road, Kowloon Bay, Kowloon,HONG KONG Tel: +852 2331 0888 Fax: +852 2331 0889 www.cps.bureauveritas.com This report is governed by, and incorporates by reference, CPS Conditions of Service as posted at the date of issuance of this report at http://www.bureauveritas.com/home/about-us/our-business/cps/about-us/tems-conditions/and is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. Measurement uncertainty is only provided upon request for accredited tests. You have 60 days from date of issuance of this report to notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute you unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.



3.1.5 TEST RESULTS

Remote Control

| TEST CONDITION | | EQUIVALENT ISOTROPIC RADIATED POWER (dBm) | | | |
|-----------------------|-----|---|---------------------|-------------------|--------|
| | | (Low) 2418MHz | (Middle) 2440MHz | (High) 2462MHz | |
| Tnom(°C) | +25 | Vnom(v) | -30.27 | -30.12 | -29.41 |
| T _{min} (°C) | -5 | $V_{\text{min}}(v)$ | -29.79 | -29.84 | -28.93 |
| T min(C) | | $V_{max}(v)$ | -29.77 | -29.83 | -28.95 |
| T _{max} (°C) | +55 | $V_{min}(v)$ | -30.46 | -30.25 | -29.90 |
| T max(C) | | $V_{max}(v)$ | -30.46 | -30.27 | -29.87 |

Car

| TEST CONDITION | | EQUIVALENT ISOTROPIC RADIATED POWER (dBm) | | | |
|-----------------------|-----|---|---------------------|-------------------|--------|
| | | (Low) 2418MHz | (Middle) 2440MHz | (High) 2462MHz | |
| Tnom(°C) | +25 | V _{nom} (v) | -29.48 | -29.39 | -28.36 |
| T _{min} (°C) | -5 | $V_{min}(v)$ | -29.04 | -29.15 | -27.92 |
| T min(C) | | $V_{max}(v)$ | -29.02 | -29.14 | -27.94 |
| T _{max} (°C) | +55 | $V_{\text{min}}(v)$ | -29.68 | -29.53 | -28.86 |
| T max(C) | | $V_{max}(v)$ | -29.68 | -29.55 | -28.83 |



3.2 PERMITTED RANGE OF OPERATING FREQUENCIES

3.2.1 LIMITS OF PERMITTED RANGE OF OPERATING FREQUENCIES

The width of the power envelope is $f_H - f_L$ for a give operating frequency. In equipment that allow adjustment or selection of different frequencies, the power envelope take up different positions in the allowed band. The frequency range is determined by the lowest value of f_L and the highest value of f_H resulting from the adjustment of the equipment to the lowest and highest operating frequency.

| CONDITION | LIMIT | |
|---------------------------|----------------------------|--|
| | F _L >2400.0MHz | |
| Under all test conditions | F _H < 2483.5MHz | |

3.2.2 TEST PROCEDURES

Refer to chapter 4.2.3.3 of EN 300 440 V2.2.1 (2018-07).

3.2.3 DEVIATION FROM TEST STANDARD

No deviation.

3.2.4 TEST SETUP

The EUT and probe antenna were placed into the temperature oven. The probe has to be connected with spectrum analyzer. The power source of the EUT has to be connected with the power supply for voltage change. The frequency has to be recorded for the right and left end above threshold of highest and lowest channel respectively.



3.2.5 TEST RESULTS

Remote Control

| TEST CONDITION | | FREQUEN | ICY (MHz) | |
|---|------|----------------------|--------------|---------|
| | | LOWEST | HIGHEST | |
| Tnom(℃) | +25 | V _{nom} (v) | 2417.50 | 2462.65 |
| $\mathbf{T} \cdot (^{\circ}C)$ | -5 - | V _{min} (v) | 2417.35 | 2462.74 |
| T _{min} (℃) | | V _{max} (v) | 2417.38 | 2462.76 |
| T (°C) | | V _{min} (v) | 2417.61 | 2462.52 |
| T _{max} (°C) | +55 | V _{max} (v) | 2417.56 | 2462.51 |
| Measured frequency (lowest and highest) | | FL = 2417.35 | FH = 2462.76 | |

Car

| | TEST CONDITION | | FREQUENCY (MHz) | |
|---|----------------|----------------------|----------------------|---------|
| TEST CONDITION | | LOWEST | HIGHEST | |
| Tnom(℃) | +25 | V _{nom} (v) | 2417.50 | 2462.64 |
| T _{min} (°C) | -5 | V _{min} (v) | 2417.35 | 2462.74 |
| T min(C) | | -5 | V _{max} (v) | 2417.38 |
| T (°C) | | V _{min} (v) | 2417.61 | 2462.52 |
| T _{max} (℃) | +55 | V _{max} (v) | 2417.56 | 2462.51 |
| Measured frequency (lowest and highest) | | FL = 2417.35 | FH = 2462.76 | |



3.3 MEASUREMENT RADIATED SPURIOUS EMISSION

3.3.1 LIMITS OF MEASUREMENT RADIATED SPURIOUS EMISSION

| Frequency Range | 47MHz to 74MHz 87.5MHz to 108MHz 174MHz to 230MHz 470MHz to 862MHz | Other Frequencies Below 1GHz | >1GHz |
|-------------------|---|---------------------------------|---------------|
| Limit (Operating) | 4nW (–54dBm) | 250nW (–36dBm) | 1µW (–30dBm) |
| Limit (Standby) | 2nW (–57dBm) | 2nW (–57dBm) | 20nW (–47dBm) |

3.3.2 TEST PROCEDURES

Refer to chapter 4.2.4.3 of EN 300 440 V2.2.1 (2018-07).

3.3.3 DEVIATION FROM TEST STANDARD

No deviation.

3.3.4 TEST SETUP

- 1. For the actual test configuration, please refer to the related Item in this test report (Photographs of the Test Configuration).
- 2. The test setup has been constructed as the normal use condition. Controlling software (provided by manufacturer) has been activated to set the EUT on specific status.

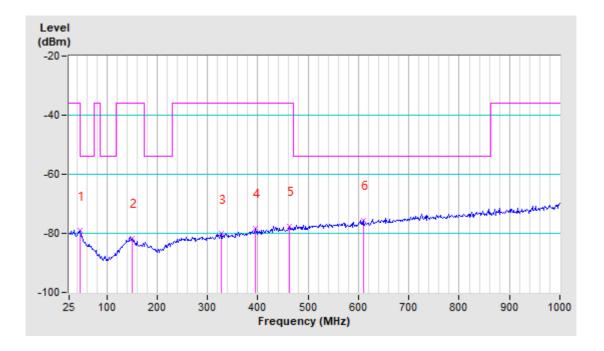
This report is governed by, and incorporates by reference, CPS Conditions of Service as posted at the date of issuance of this report at http://www.bureauveritas.com/home/about_us/our-business/cps/about_us/tems-conditions/and is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. Measurement uncertainty is only provided upon request for accredited tests. You have 60 days from date of issuance of this report to notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute you unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.



3.3.5 TEST RESULTS

Remote Control: TX BELOW 1GHz DATA

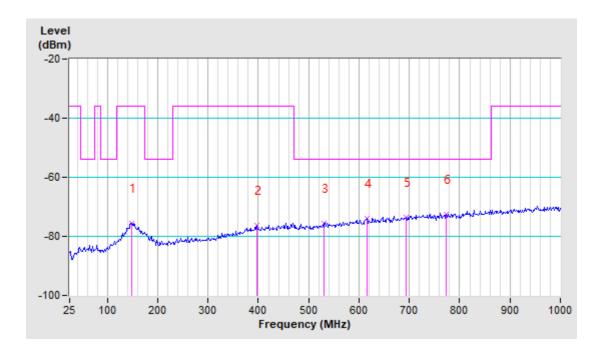
| | SPURIOUS EMISSION LEVEL | | | | | |
|--------------------|-------------------------|----------------|----------------|----------------|--|--|
| Frequency (MHz) | Antenna Polarization | Level (dBm) | Limit (dBm) | Margin (dB) | | |
| 46.87 | Н | -79.10 | -36.00 | -43.10 | | |
| 150.00 | Н | -81.61 | -36.00 | -45.61 | | |
| 328.12 | Н | -80.10 | -36.00 | -44.10 | | |
| 395.31 | Н | -78.37 | -36.00 | -42.37 | | |
| 462.50 | Н | -77.46 | -36.00 | -41.46 | | |
| 609.37 | Н | -75.54 | -54.00 | -21.54 | | |



BUREAU VERITAS HONG KONG LIMITED -Kowloon Bay Office 1/F Pacific Trade Centre, 2 Kai Hing Road, Kowloon Bay, Kowloon,HONG KONG Tel: +852 2331 0888 Fax: +852 2331 0889 www.cps.bureauveritas.com



| SPURIOUS EMISSI FREQUENCY RAN | | | | G CHANNEL | Low | | |
|----------------------------------|-------------------------|--------------|---|----------------|----------------|--|--|
| | SPURIOUS EMISSION LEVEL | | | | | | |
| Frequency (MHz) | Antenna Polarization | Leve (dBn | - | Limit (dBm) | Margin (dB) | | |
| 148.44 | V | -75.4 | 7 | -36.00 | -39.47 | | |
| 396.87 | V | -76.2 | 9 | -36.00 | -40.29 | | |
| 529.69 | V | -75.5 | 2 | -54.00 | -21.52 | | |
| 615.62 | V | -73.9 | 2 | -54.00 | -19.92 | | |
| 693.75 | V | -73.5 | 6 | -54.00 | -19.56 | | |
| 773.44 | V | -72.5 | 0 | -54.00 | -18.50 | | |



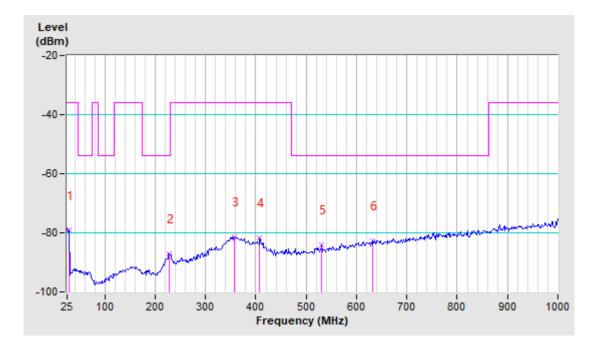
BUREAU VERITAS HONG KONG LIMITED -Kowloon Bay Office 1/F Pacific Trade Centre, 2 Kai Hing Road, Kowloon Bay, Kowloon,HONG KONG Tel: +852 2331 0888 Fax: +852 2331 0889 www.cps.bureauveritas.com



Car: TX BELOW 1GHz DATA

| SPURIOUS EMISSION FREQUENCY RANGE | 25MHz ~ 1(GHz | OPERATING CHANNEL | Low | |
|--------------------------------------|---------------|----------------------|-----|--|
| | | | | |
| SPUBIOUS EMISSION LEVEL | | | | |

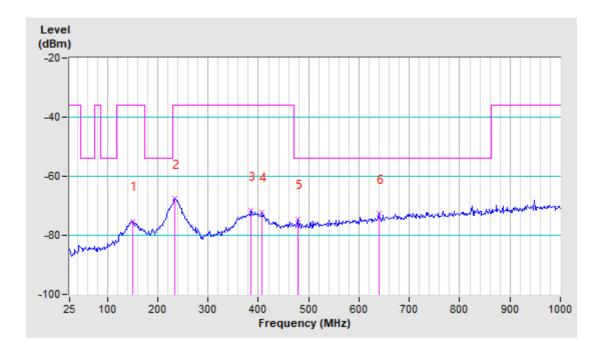
| SPURIOUS EMISSION LEVEL | | | | | |
|-------------------------|-------------------------|----------------|----------------|----------------|--|
| Frequency (MHz) | Antenna Polarization | Level (dBm) | Limit (dBm) | Margin (dB) | |
| 28.12 | Н | -79.11 | -36.00 | -43.11 | |
| 228.12 | Н | -87.00 | -54.00 | -33.00 | |
| 357.81 | Н | -81.34 | -36.00 | -45.34 | |
| 407.81 | Н | -81.66 | -36.00 | -45.66 | |
| 531.25 | Н | -84.12 | -54.00 | -30.12 | |
| 631.25 | Н | -82.55 | -54.00 | -28.55 | |



BUREAU VERITAS HONG KONG LIMITED -Kowloon Bay Office 1/F Pacific Trade Centre, 2 Kai Hing Road, Kowloon Bay, Kowloon,HONG KONG Tel: +852 2331 0888 Fax: +852 2331 0889 www.cps.bureauveritas.com



| | PURIOUS EMISSION REQUENCY RANGE 25MHz ~ 1GHz | | OPERATING CHANNEL | | Low | | |
|--------------------|---|--------------|-------------------|----------------|----------------|--|--|
| | SPURIOUS EMISSION LEVEL | | | | | | |
| Frequency (MHz) | Antenna Polarization | Leve (dBn | - | Limit (dBm) | Margin (dB) | | |
| 150.00 | V | -75.1 | 3 | -36.00 | -39.13 | | |
| 234.37 | V | -67.5 | 9 | -36.00 | -31.59 | | |
| 385.94 | V | -71.6 | 5 | -36.00 | -35.65 | | |
| 407.81 | V | -72.1 | 2 | -36.00 | -36.12 | | |
| 478.12 | V | -74.4 | 7 | -54.00 | -20.47 | | |
| 639.06 | V | -72.7 | 0 | -54.00 | -18.70 | | |



BUREAU VERITAS HONG KONG LIMITED -Kowloon Bay Office 1/F Pacific Trade Centre, 2 Kai Hing Road, Kowloon Bay, Kowloon,HONG KONG Tel: +852 2331 0888 Fax: +852 2331 0889 www.cps.bureauveritas.com



Remote Control: TX ABOVE 1GHz DATA

| SPURIOUS EMISSION FREQUENCY RANGE | 1(3Hz ~ 25(3Hz | OPERATING CHANNEL | Low, High | |
|--------------------------------------|----------------|----------------------|-----------|--|
| | | | | |
| SPURIOUS EMISSION LEVEL | | | | |

| SPURIOUS EMISSION LEVEL | | | | | |
|-------------------------|--------------------|-------------------------|----------------|----------------|----------------|
| Channel | Frequency (MHz) | Antenna Polarization | Level (dBm) | Limit (dBm) | Margin (dB) |
| | 4836.00 | Н | -44.60 | -30.00 | -14.60 |
| Low | 7254.00 | Н | -46.99 | -30.00 | -16.99 |
| Low | 4836.00 | V | -47.77 | -30.00 | -17.77 |
| | 7254.00 | V | -46.51 | -30.00 | -16.51 |
| | 4924.00 | Н | -42.31 | -30.00 | -12.31 |
| Lliab | 7386.00 | Н | -47.09 | -30.00 | -17.09 |
| High | 4924.00 | V | -46.60 | -30.00 | -16.60 |
| | 7386.00 | V | -47.38 | -30.00 | -17.38 |

Car: TX ABOVE 1GHz DATA

| SPURIOUS EMISSION FREQUENCY RANGE | 1GHz ~ 25GHz | OPERATING CHANNEL | Low, High |
|--------------------------------------|--------------|----------------------|-----------|
|--------------------------------------|--------------|----------------------|-----------|

| SPURIOUS EMISSION LEVEL | | | | | |
|-------------------------|--------------------|-------------------------|----------------|----------------|----------------|
| Channel | Frequency (MHz) | Antenna Polarization | Level (dBm) | Limit (dBm) | Margin (dB) |
| | 4836.00 | Н | -43.45 | -30.00 | -13.45 |
| Low | 7254.00 | Н | -46.50 | -30.00 | -16.50 |
| Low | 4836.00 | V | -43.43 | -30.00 | -13.43 |
| | 7254.00 | V | -46.46 | -30.00 | -16.46 |
| | 4924.00 | Н | -44.58 | -30.00 | -14.58 |
| Lliab | 7386.00 | Н | -48.59 | -30.00 | -18.59 |
| High | 4924.00 | V | -42.57 | -30.00 | -12.57 |
| | 7386.00 | V | -46.60 | -30.00 | -16.60 |



3.4 DUTY CYCLE (NOT APPLY)

3.4.1 LIMITS OF DUTY CYCLE

| Frequency Band | Duty Cycle | Application |
|------------------------|------------------------------|---|
| 2400MHz to 2483.5MHz | No Restriction | Generic use |
| 2400MHz to 2483.5MHz | No Restriction | Detection, movement and alert applications |
| (a) 2446MHz to 2454MHz | No Restriction | RFID |
| (b) 2446MHz to 2454MHz | 15% | RFID |
| 5725MHz to 5875MHz | No Restriction | Generic use |
| 9200MHz to 9500MHz | No Restriction | Detection, movement and alert applications |
| 9500MHz to 9975MHz | No Restriction | Detection, movement and alert applications |
| 10.5GHz to 10.6GHz | No Restriction | Detection, movement and alert applications |
| 13.4GHz to 14.0GHz | No Restriction | Detection, movement and alert applications |
| 17.1GHz to 17.3GHz | DDA or equivalent techniques | GBSAR detecting and movement and alert applications |
| 24.00GHz to 24.25GHz | No Restriction | Detection, movement and alert applications |

3.4.2 TEST PROCEDURES

Refer to chapter 4.2.5.3 of EN 300 440 V2.2.1 (2018-07).

3.4.3 DEVIATION FROM TEST STANDARD

No deviation.

3.4.4 TEST SETUP

The test setup has been constructed as the normal use condition. Controlling software (provided by manufacturer) has been activated to set the EUT on specific status.

BUREAU VERITAS HONG KONG LIMITED – Kowloon Bay Office 1/F Pacific Trade Centre, 2 Kai Hing Road, Kowloon Bay, Kowloon,HONG KONG Tel: +852 2331 0888 Fax: +852 2331 0889 www.cps.bureauveritas.com



3.4.5 TEST RESULTS

This product does not apply.

BUREAU VERITAS HONG KONG LIMITED -BUREAU VERITAS HONG KONG Kowloon Bay Office 1/F Pacific Trade Centre, 2 Kai Hing Road, Kowloon Bay, Kowloon,HONG KONG Tel: +852 2331 0888 Fax: +852 2331 0889 www.cps.bureauveritas.com



RECEIVER PARAMETERS

3.5 ADJACENT CHANNEL SELECTIVITY

3.5.1 LIMITES OF ADJACENT CHANNEL SELECTIVITY

The adjacent channel selectivity of the equipment under specified conditions shall not be less than -30 dBm + k

| Receiver category | Limit |
|-------------------|------------|
| 1 | -30dBm + K |

The correction factor, k, is as follows:

 $k = -20 \log f - 10 \log BW$

Where:

f is the frequency in GHz;

BW is the channel bandwidth in MHz.

The factor k is limited within the following:

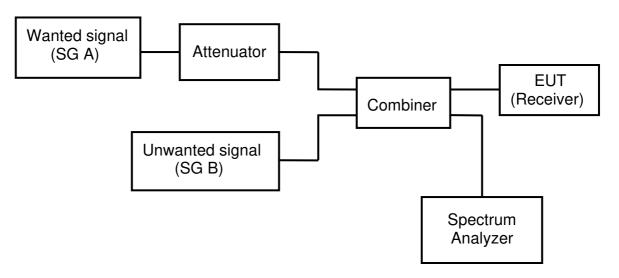
-40 dB < k < 0 dB

3.5.2 TEST PROCEDURES

Refer to chapter 4.3.3.3 of EN 300 440 V2.2.1 (2018-07).



3.5.3 TEST SETUP



BUREAU VERITAS HONG KONG LIMITED -BUREAU VERITAS HONG KONG Kowloon Bay Office 1/F Pacific Trade Centre, 2 Kai Hing Road, Kowloon Bay, Kowloon,HONG KONG Tel: +852 2331 0888 Fax: +852 2331 0889 www.cps.bureauveritas.com



3.5.4 TEST RESULTS

This product does not apply.

BUREAU VERITAS HONG KONG LIMITED -BUREAU VERITAS HONG KONG Kowloon Bay Office 1/F Pacific Trade Centre, 2 Kai Hing Road, Kowloon Bay, Kowloon,HONG KONG Tel: +852 2331 0888 Fax: +852 2331 0889 www.cps.bureauveritas.com

This report is governed by, and incorporates by reference, CPS Conditions of Service as posted at the date of issuance of this report at http://www.bureauveritas.com/home/about-us/our-business/cps/about-us/terms-conditions/and is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided upon request for accredited tests. You have 60 days from date of issuance of this report to notify us of any material error or omission caused by our negligence or if you require measurement uncertainty; provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute you unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.

Page 29 of 44



3.6 BLOCKING OR DESENSITIZATION

3.6.1 LIMITES OF RECEIVER BLOCKING

The blocking level, shall not be less than the values given in table

| Receiver category | Limit |
|-------------------|------------|
| 1 | -30dBm + K |
| 2 | -45dBm + K |
| 3 | -60dBm + K |

The correction factor, k, is as follows:

k = -20 log f - 10 log BW

Where:

f is the frequency in GHz;

BW is the channel bandwidth in MHz.

The factor k is limited within the following:

-40 dB < k < 0 dB

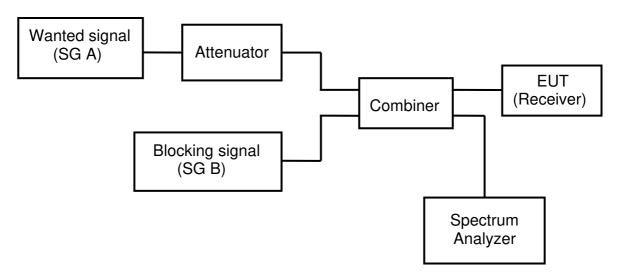
3.6.2 TEST PROCEDURES

Refer to chapter 4.3.4.3 of EN 300 440 V2.2.1 (2018-07).

This report is governed by, and incorporates by reference, CPS Conditions of Service as posted at the date of issuance of this report at http://www.bureauveritas.com/home/about-us/our-business/cps/about-us/tems-conditions/and is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the iot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. Measurement uncertainty is only provided upon request for accredited tests. You have 60 days from date of issuance of this report to notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute you unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.



3.6.3 TEST SETUP



BUREAU VERITAS HONG KONG LIMITED -Kowloon Bay Office 1/F Pacific Trade Centre, 2 Kai Hing Road, Kowloon Bay, Kowloon,HONG KONG Tel: +852 2331 0888 Fax: +852 2331 0889 www.cps.bureauveritas.com



3.6.4 TEST RESULTS

Remote Control

Receiver Category 3 Equipment

| Blocking measure of the capability | | | | | | | | |
|--|--|--------|--|----------------------------|--------------------------------|-----------------------------------|---------------------------|--|
| P _{min} : -77.65dBm | P _{min} : -77.65dBm | | | | | | | |
| The actual blocking signal power(Note) | | | | X at the antenna connector | | | | |
| | | | | in front of the antenna | | | | |
| Note: For the con irrespective | nducted mea e of antenna | | same level | should | d be u | sed at the ante | enna connector | |
| Operation mode | Operation frequency (MHz) Wanted signal power (dBm) | | Offset of the bandwidth (times) | sig frequ | cking gnal Jency(Hz) | Blocking signal Power (dBm) | Minimum Limit (dBm) | |
| | | | -10 | 240 | 6.171 | -48.24 | | |
| | 2418 74.65 2462 | -74 65 | -20 | 239 | 4.841 | -46.52 | -68.21 | |
| Normal working | | | -50 | 236 | 0.851 | -48.76 | | |
| | | 71.00 | 10 | 247 | 4.237 | -51.34 | | |
| | | | 20 | 248 | 5.827 | -48.06 | -68.47 | |
| Noto: | | | 50 | 252 | 0.597 | -43.83 | | |

Note:

Lower Channel: K=-20logf -10logBW=-8.21143 Upper Channel: K=-20logf -10logBW=-8.46660

BUREAU VERITAS HONG KONG LIMITED – Kowloon Bay Office 1/F Pacific Trade Centre, 2 Kai Hing Road, Kowloon Bay, Kowloon,HONG KONG Tel: +852 2331 0888 Fax: +852 2331 0889 www.cps.bureauveritas.com



Car

Receiver Category 3 Equipment

| Blocking measure of the capa | | | | | bility | | |
|------------------------------|--|------------------------------|--|--------|-------------------------|-----------------------------------|---------------------------|
| P _{min} : -77.33dBm | | | | | | | |
| The actual blockir | ver(Note) | er(Note) | | | the antenna co | nnector | |
| | ver(note) | | | | in front of the antenna | | |
| | Note: For the conducted measurements, the same level should be used at the antenna connector irrespective of antenna gain. | | | | | | |
| Operation mode (MHz) | | Wanted signal power (dBm) | Offset of the bandwidth (times) | signal | | Blocking signal Power (dBm) | Minimum Limit (dBm) |
| | 2418 74.3 2462 | | -10 | 240 | 6.211 | -48.14 | |
| | | 74.33 | -20 | 239 | 4.921 | -46.28 | -68.20 |
| Normal working | | | -50 | 236 | 1.051 | -48.07 | |
| | | | 10 | 247 | 4.153 | -51.55 | |
| | | | 20 | 248 | 5.663 | -48.76 | -68.44 |
| | | | 50 | 252 | 0.193 | -43.34 | |

Note:

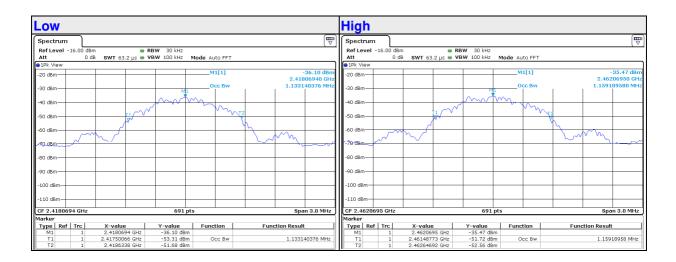
Lower Channel: K=-20logf -10logBW= -8.19607 Upper Channel: K=-20logf -10logBW= -8.43651



OCCUPIED BANDWIDTH (FOR REFERENCE)

Remote Control

| CHANNEL | CHANNEL FREQUENCY (MHz) | OCCUPIED BANDWIDTH (MHz) |
|---------|-------------------------------|-----------------------------|
| Low | 2418 | 1.1331 |
| High | 2462 | 1.1592 |



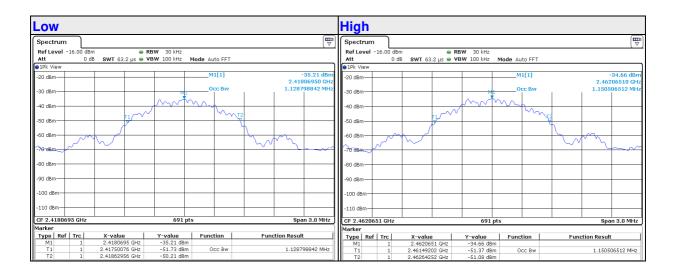
BUREAU VERITAS HONG KONG LIMITED – Kowloon Bay Office 1/F Pacific Trade Centre, 2 Kai Hing Road, Kowloon Bay, Kowloon,HONG KONG Tel: +852 2331 0888 Fax: +852 2331 0889 www.cps.bureauveritas.com



OCCUPIED BANDWIDTH (FOR REFERENCE)

Car

| CHANNEL | CHANNEL FREQUENCY (MHz) | OCCUPIED BANDWIDTH (MHz) |
|---------|-------------------------------|-----------------------------|
| Low | 2418 | 1.1288 |
| High | 2462 | 1.1505 |



BUREAU VERITAS HONG KONG LIMITED – Kowloon Bay Office 1/F Pacific Trade Centre, 2 Kai Hing Road, Kowloon Bay, Kowloon,HONG KONG Tel: +852 2331 0888 Fax: +852 2331 0889 www.cps.bureauveritas.com



3.7 RECEIVER SPURIOUS EMISSIONS

3.7.1 LIMITS OF RECEIVER SPURIOUS EMISSIONS

| Frequency range | Frequencies below 1GHz | Frequencies above 1GHz |
|-----------------|------------------------|------------------------|
| Limit | 2nW or -57dBm | 20nW or -47dBm |

3.7.2 TEST PROCEDURES

Refer to chapter 4.3.5.3 of EN 300 440 V2.2.1 (2018-07).

3.7.3 DEVIATION FROM TEST STANDARD

No deviation.

3.7.4 TEST SETUP

- 1. For the actual test configuration, please refer to the related Item in this test report (Photographs of the Test Configuration).
- 2. The test setup has been constructed as the normal use condition. Controlling software (provided by manufacturer) has been activated to set the EUT on specific status.

This report is governed by, and incorporates by reference, CPS Conditions of Service as posted at the date of issuance of this report at http://www.bureauveritas.com/home/about-us/our-business/cps/about-us/tems-conditions/and is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. Measurement uncertainty is only provided upon request for accredited lests. You have 60 days from date of issuance of this report to notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute you unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.



3.7.5 TEST RESULTS

Remote Control: RX BELOW 1GHz DATA

| SPURIOUS EMISSION FREQUENCY RANGE | 125MHz ~ 1(5Hz | OPERATING CHANNEL | Low |
|--------------------------------------|----------------|----------------------|-----|
|--------------------------------------|----------------|----------------------|-----|

| | SPURIOUS EMISSION LEVEL | | | | | |
|--------------------|-------------------------|----------------|----------------|----------------|--|--|
| Frequency (MHz) | Antenna Polarization | Level (dBm) | Limit (dBm) | Margin (dB) | | |
| 46.87 | Н | -78.91 | -57.00 | -21.91 | | |
| 153.12 | Н | -81.80 | -57.00 | -24.80 | | |
| 250.00 | Н | -80.35 | -57.00 | -23.35 | | |
| 421.87 | Н | -78.09 | -57.00 | -21.09 | | |
| 556.25 | Н | -76.06 | -57.00 | -19.06 | | |
| 665.62 | Н | -74.55 | -57.00 | -17.55 | | |
| 150.00 | V | -73.80 | -57.00 | -16.80 | | |
| 314.06 | V | -77.42 | -57.00 | -20.42 | | |
| 434.37 | V | -74.93 | -57.00 | -17.93 | | |
| 534.37 | V | -74.31 | -57.00 | -17.31 | | |
| 603.12 | V | -73.16 | -57.00 | -16.16 | | |
| 717.19 | V | -71.42 | -57.00 | -14.42 | | |

BUREAU VERITAS HONG KONG LIMITED -BUREAU VERITAS HONG KONG Kowloon Bay Office 1/F Pacific Trade Centre, 2 Kai Hing Road, Kowloon Bay, Kowloon,HONG KONG Tel: +852 2331 0888 Fax: +852 2331 0889 www.cps.bureauveritas.com



Car: RX BELOW 1GHz DATA

| FREQUENCY RANGE |
|-----------------|
|-----------------|

| | SPURIOUS EMISSION LEVEL | | | | | | |
|--------------------|-------------------------|----------------|----------------|----------------|--|--|--|
| Frequency (MHz) | Antenna Polarization | Level (dBm) | Limit (dBm) | Margin (dB) | | | |
| 40.62 | Н | -78.85 | -57.00 | -21.85 | | | |
| 150.00 | Н | -81.35 | -57.00 | -24.35 | | | |
| 232.81 | Н | -77.61 | -57.00 | -20.61 | | | |
| 350.00 | Н | -71.76 | -57.00 | -14.76 | | | |
| 623.44 | Н | -74.40 | -57.00 | -17.40 | | | |
| 729.69 | Н | -73.51 | -57.00 | -16.51 | | | |
| 150.00 | V | -75.29 | -57.00 | -18.29 | | | |
| 234.37 | V | -68.03 | -57.00 | -11.03 | | | |
| 382.81 | V | -72.07 | -57.00 | -15.07 | | | |
| 414.06 | V | -72.52 | -57.00 | -15.52 | | | |
| 534.37 | V | -75.01 | -57.00 | -18.01 | | | |
| 701.56 | V | -71.59 | -57.00 | -14.59 | | | |

BUREAU VERITAS HONG KONG LIMITED -BUREAU VERITAS HONG KONG Kowloon Bay Office 1/F Pacific Trade Centre, 2 Kai Hing Road, Kowloon Bay, Kowloon,HONG KONG Tel: +852 2331 0888 Fax: +852 2331 0889 www.cps.bureauveritas.com



Remote Control: RX ABOVE 1GHz DATA

| SPURIOUS EMISSION FREQUENCY RANGE | OPERATING CHANNEL | Low , High |
|--------------------------------------|----------------------|------------|
|--------------------------------------|----------------------|------------|

| SPURIOUS EMISSION LEVEL | | | | | | |
|-------------------------|--------------------|-------------------------|----------------|----------------|----------------|--|
| Channel | Frequency (MHz) | Antenna Polarization | Level (dBm) | Limit (dBm) | Margin (dB) | |
| | 4836.00 | Н | -53.52 | -47.00 | -6.52 | |
| Low | 7254.00 | Н | -52.30 | -47.00 | -5.30 | |
| Low | 4836.00 | V | -53.01 | -47.00 | -6.01 | |
| | 7254.00 | V | -52.91 | -47.00 | -5.91 | |
| | 4924.00 | Н | -53.69 | -47.00 | -6.69 | |
| High | 7386.00 | Н | -53.53 | -47.00 | -6.53 | |
| | 4924.00 | V | -53.08 | -47.00 | -6.08 | |
| | 7386.00 | V | -52.95 | -47.00 | -5.95 | |

Car: RX ABOVE 1GHz DATA

| SPURIOUS EMISSION FREQUENCY RANGE | GHz OPERATING CHANNEL | Low , High |
|--------------------------------------|--------------------------|------------|
|--------------------------------------|--------------------------|------------|

| SPURIOUS EMISSION LEVEL | | | | | |
|-------------------------|--------------------|-------------------------|----------------|----------------|----------------|
| Channel | Frequency (MHz) | Antenna Polarization | Level (dBm) | Limit (dBm) | Margin (dB) |
| Low | 4836.00 | Н | -53.67 | -47.00 | -6.67 |
| | 7254.00 | Н | -51.26 | -47.00 | -4.26 |
| | 4836.00 | V | -54.16 | -47.00 | -7.16 |
| | 7254.00 | V | -52.60 | -47.00 | -5.60 |
| High | 4924.00 | Н | -54.22 | -47.00 | -7.22 |
| | 7386.00 | Н | -53.80 | -47.00 | -6.80 |
| | 4924.00 | V | -54.35 | -47.00 | -7.35 |
| | 7386.00 | V | -53.83 | -47.00 | -6.83 |

BUREAU VERITAS HONG KONG LIMITED -BUREAU VERITAS HONG KONG Kowloon Bay Office 1/F Pacific Trade Centre, 2 Kai Hing Road, Kowloon Bay, Kowloon,HONG KONG Tel: +852 2331 0888 Fax: +852 2331 0889 www.cps.bureauveritas.com

This report is governed by, and incorporates by reference, CPS Conditions of Service as posted at the date of issuance of this report at http://www.bureauveritas.com/home/about-us/our-business/cps/about-us/terms-conditions/and is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. Measurement uncertainty is only provided upon request for accredited tests. You have 60 days from date of issuance of this report, the othir bus peoficially address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute you unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report constitute you unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report constitute you of **44**



4 PHOTOGRAPHS OF THE TEST CONFIGURATION

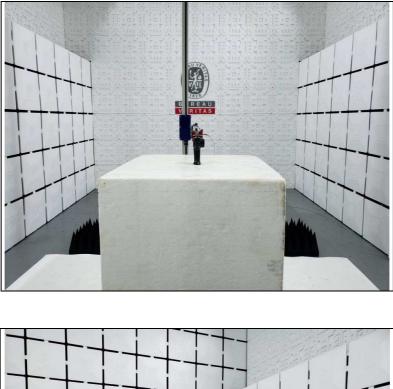
REMOTE CONTROL SPURIOUS EMISSION TEST BELOW 1GHz





BUREAU VERITAS HONG KONG LIMITED -Kowloon Bay Office 1/F Pacific Trade Centre, 2 Kai Hing Road, Kowloon Bay, Kowloon,HONG KONG Tel: +852 2331 0888 Fax: +852 2331 0889 www.cps.bureauveritas.com



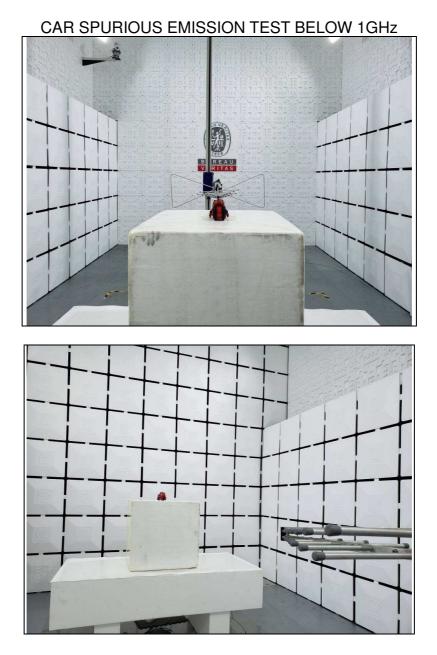


REMOTE CONTROL SPURIOUS EMISSION TEST ABOVE 1GHz



BUREAU VERITAS HONG KONG LIMITED -BUREAU VERITAS HONG KONG Kowloon Bay Office 1/F Pacific Trade Centre, 2 Kai Hing Road, Kowloon Bay, Kowloon,HONG KONG Tel: +852 2331 0888 Fax: +852 2331 0889 www.cps.bureauveritas.com





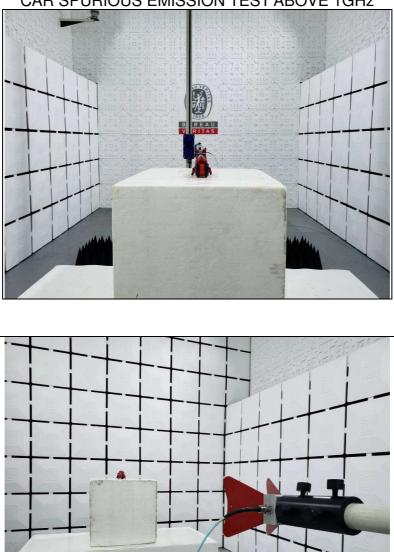
BUREAU VERITAS HONG KONG Kowloon Bay Office 1/F Pacific Trade Centre, 2 Kai Hing Road, Kowloon Bay, Kowloon,HONG KONG Tel: +852 2331 0888 Fax: +852 2331 0889 www.cps.bureauveritas.com

BUREAU VERITAS HONG KONG LIMITED -

This report is governed by, and incorporates by reference, CPS Conditions of Service as posted at the date of issuance of this report at http://www.bureauveritas.com/home/about-us/our-business/cps/about-us/terms-conditions/and is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. Measurement uncertainty is only provided upon request for accredited tests. You have 60 days from date of issuance of this report, the othir bus peoficially address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute you unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.

Page 42 of 44





CAR SPURIOUS EMISSION TEST ABOVE 1GHz

BUREAU VERITAS HONG KONG LIMITED -BUREAU VERITAS HONG KONG Kowloon Bay Office 1/F Pacific Trade Centre, 2 Kai Hing Road, Kowloon Bay, Kowloon,HONG KONG Tel: +852 2331 0888 Fax: +852 2331 0889 www.cps.bureauveritas.com



5 APPENDIX A – MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB

No any modifications were made to the EUT by the lab during the test.

----END----

BUREAU VERITAS HONG KONG LIMITED – Kowloon Bay Office 1/F Pacific Trade Centre, 2 Kai Hing Road, Kowloon Bay, Kowloon,HONG KONG Tel: +852 2331 0888 Fax: +852 2331 0889 www.cps.bureauveritas.com