

FCC RADIO TEST REPORT FCC ID: 2AE5GRC-01

Product: LED remote control

Trade Name: N/A

Model Name: RC-01

Serial Model: N/A

Report No.: NTEK-2015NT0608090F

Prepared for

Dongguan City Tulifang Photographic Equipment Co., Ltd.

GD Modern International Exhibition Center Side, Houjie,
Dongguan, Guangdong Province, China

Prepared by

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TEST RESULT CERTIFICATION

Report No.: NTEK-2015NT0608090F

| | Dongguan City Tulifang Photographic Equipment Co., Ltd. GD Modern International Exhibition Center Side, Houjie, | | | |
|-----------------------------------|---|--|--|--|
| | Dongguan,Guangdong Province, China | | | |
| | Dongguan City Tulifang Photographic Equipment Co., Ltd. | | | |
| Address: | | ional Exhibition Center Side, Houjie, ong Province, China | | |
| Product description | | | | |
| Product name: | _ED remote control | | | |
| Model and/or type reference : | RC-01 | | | |
| Serial Model: | N/A | | | |
| Rating(s): | DC 3.0V | | | |
| Standards: | FCC Part15.249 01 | Oct. 2014 | | |
| Test procedure | ANSI C63.10-2013 | | | |
| | compliance with the | EK, and the test results show that the e FCC requirements. And it is applicable only | | |
| This report shall not be reprodu- | ed except in full, wit | hout the written approval of NTEK, this | | |
| • | sed by NTEK, perso | nnel only, and shall be noted in the revision of | | |
| the document. | | | | |
| Date of Test | | 014 ~13 Jun. 2014 | | |
| Date (s) of performance of tests | | | | |
| Date of Issue | | 514 | | |
| Test Result | Pass | | | |
| | | | | |
| Testing Engine | er : | Eileen Wu. | | |
| | | (Eileen Liu) | | |
| Technical Man | ger : | Brown Ln | | |
| | | (Brown Lu) | | |
| Authorized Sig | natory : | (Bill Yao) | | |
| | | (Dill 180) | | |



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1. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

| FCC Part15, Subpart C (15.249) | | | | | |
|--------------------------------|----------------------------|----------|--------|--|--|
| Standard Section | Test Item | Judgment | Remark | | |
| 15.207 | Conducted Emission | N/A | | | |
| 15.203 | Antenna Requirement | Pass | | | |
| 15.249 | Radiated Spurious Emission | Pass | | | |
| 15.205 | Band Edge Emission | Pass | | | |
| 15.249 | Occupied Bandwidth | Pass | | | |



NTEK Testing Technology Co., Ltd

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Shenzhen P.R. China.

1.1 TEST FACILITY

FCC FRN Registration No.:238937; IC Registration No.:9270A-1

CNAS Registration No.:L5516

1.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement $\mathbf{y} \pm \mathbf{U}$, where expended uncertainty \mathbf{U} is based on a standard uncertainty multiplied by a coverage factor of $\mathbf{k=2}$, providing a level of confidence of approximately 95 % $^{\circ}$

| No. | Item | Uncertainty |
|-----|------------------------------|-------------|
| 1 | Conducted Emission Test | ±1.38dB |
| 2 | RF power,conducted | ±0.16dB |
| 3 | Spurious emissions,conducted | ±0.21dB |
| 4 | All emissions,radiated(<1G) | ±4.68dB |
| 5 | All emissions,radiated(>1G) | ±4.89dB |
| 6 | Temperature | ±0.5°C |
| 7 | Humidity | ±2% |



2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

| Equipment | LED remote control | | |
|---------------------|--|--|--|
| Trade Name | N/A | | |
| Model Name | RC-01 | | |
| Serial Model | N/A | | |
| Model Difference | N/A | | |
| Product Description | The EUT is a LED remote control Operation Frequency: 2464MHz Modulation Type: GFSK Antenna Designation: PCB Antenna Antenna Gain(Peak) 1.0 dBi Based on the application, features, or specification exhibited in User's Manual, the EUT is considered as an ITE/Computing Device. More details of EUT technical specification, please refer to the User's Manual. | | |
| Channel List | Please refer to the Note 2. | | |
| Adapter | N/A | | |
| Battery | DC 1.5V*2 cell "AAA" alkaline battery | | |

Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.



2.

| Channel | Frequency (MHz) | |
|---------|--------------------|--|
| 01 | 2464 | |

3

Table for Filed Antenna

| | Table 101 Tilled Tillica Tillica | | | | | | |
|---|----------------------------------|-------|------------|--------------|-----------|------------|---------|
| 1 | ۹nt | Brand | Model Name | Antenna Type | Connector | Gain (dBi) | NOTE |
| | 1 | N/A | N/A | PCB Antenna | N/A | 1.0 | Antenna |

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2.2 DESCRIPTION OF TEST MODES

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

| Pretest Mode | Description |
|--------------|-------------|
| Mode 1 | CH 01 |

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| For Conducted Emission | | |
|-----------------------------|-----|--|
| Final Test Mode Description | | |
| N/A | N/A | |

| For Radiated Emission | | |
|-----------------------|-------------|--|
| Final Test Mode | Description | |
| Mode 1 | CH 01 | |

Note:

- (1) The measurements are performed at the highest, middle, lowest available channels.
- (2) The EUT use new battery.



| 2.3 BLOCK DIGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED | | | |
|---|---|--|--|
| E-1 EU | T | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

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2.4 DESCRIPTION OF SUPPORT UNITS(CONDUCTED MODE)

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

| Item | Equipment | Mfr/Brand | Model/Type No. | Series No. | Note |
|------|--------------------|-----------|----------------|------------|------|
| E-1 | LED remote control | N/A | RC-01 | N/A | EUT |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

| Item | Shielded Type | Ferrite Core | Length | Note |
|------|---------------|--------------|--------|------|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

Note:

(1) The support equipment was authorized by Declaration of Confirmation.

(2) For detachable type I/O cable should be specified the length in cm in <code>[Length]</code> column.

<u>[</u>



2.5 EQUIPMENTS LIST FOR ALL TEST ITEMS

Radiation Test equipment

| Itaaii | ation rest equipme | 116 | | | |
|--------|--------------------|--------------|-------------|------------|------------------|
| Item | Kind of Equipment | Manufacturer | Type No. | Serial No. | Calibrated until |
| 1 | Spectrum Analyzer | Agilent | E4407B | 160400005 | Jul. 06. 2015 |
| 2 | Test Receiver | R&S | ESPI | 101318 | Jul. 06. 2015 |
| 3 | Bilog Antenna | TESEQ | CBL6111D | 31216 | Jul. 06. 2015 |
| 4 | 50Ω Coaxial Switch | Anritsu | MP59B | 6200264416 | Jul. 06. 2015 |
| 5 | Spectrum Analyzer | ADVANTEST | R3132 | 150900201 | Jul. 06. 2015 |
| 6 | Horn Antenna | EM | EM-AH-10180 | 2011071402 | Jul. 06. 2015 |
| 7 | Horn Ant | Schwarzbeck | BBHA 9170 | 9170-181 | Jul. 06. 2015 |
| 8 | Amplifier | EM | EM-30180 | 060538 | Jul. 06. 2015 |
| 9 | Loop Antenna | ARA | PLA-1030/B | 1029 | Jul. 06. 2015 |
| 10 | Power Meter | R&S | NRVS | 100696 | Jul. 06. 2015 |

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Conduction Test equipment

| COIL | Conduction lest equipment | | | | | |
|------|---------------------------|--------------|----------|------------|------------------|--|
| Item | Kind of Equipment | Manufacturer | Type No. | Serial No. | Calibrated until | |
| 1 | Test Receiver | R&S | ESCI | 101160 | Jul. 06. 2015 | |
| 2 | LISN | R&S | ENV216 | 101313 | Jul. 06. 2015 | |
| 3 | LISN | EMCO | 3816/2 | 00042990 | Jul. 06. 2015 | |
| 4 | 50Ω Coaxial Switch | Anritsu | MP59B | 6200264417 | Jul. 06. 2015 | |
| 5 | Passive Voltage Probe | R&S | ESH2-Z3 | 100196 | Jul. 06. 2015 | |
| 6 | Absorbing clamp | R&S | MOS-21 | 100423 | Jul. 06. 2015 | |



3. ANTENNA REQUIREMENT

3.1 STANDARD REQUIREMENT

15.203 requirement: For intentional device, according to 15.203: an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

3.2 EUT ANTENNA

| The EUT antenna is permanen | t attached antenna. I | t comply with the | standard requirement. |
|-----------------------------|-----------------------|-------------------|-----------------------|
|-----------------------------|-----------------------|-------------------|-----------------------|

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3.3 CONDUCTED EMISSION MEASUREMENT

3.3.1 POWER LINE CONDUCTED EMISSION Limits (Frequency Range 150KHz-30MHz)

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| | Class A (dBuV) | | Class B (dBuV) | | Standard |
|-----------------|----------------|---------|----------------|-----------|----------|
| FREQUENCY (MHz) | Quasi-peak | Average | Quasi-peak | Average | Standard |
| 0.15 -0.5 | | | 66 - 56 * | 56 - 46 * | CISPR |
| 0.50 -5.0 | | | 56.00 | 46.00 | CISPR |
| 5.0 -30.0 | | | 60.00 | 50.00 | CISPR |

| 0.15 -0.5 | | 66 - 56 * | 56 - 46 * | LP002. |
|-----------|--|-----------|-----------|--------|
| 0.50 -5.0 | | 56.00 | 46.00 | LP002. |
| 5.0 -30.0 | | 60.00 | 50.00 | LP002. |

Note:

- (1) The tighter limit applies at the band edges.
- (2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

The following table is the setting of the receiver

| Receiver Parameters | Setting |
|---------------------|----------|
| Attenuation | 10 dB |
| Start Frequency | 0.15 MHz |
| Stop Frequency | 30 MHz |
| IF Bandwidth | 9 kHz |



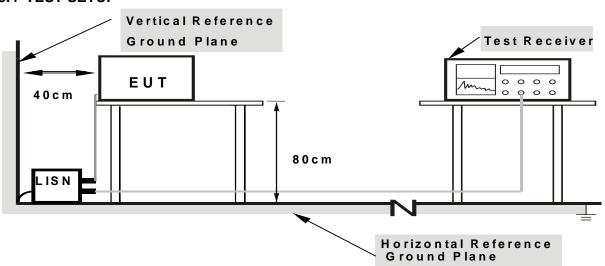
3.3.2 TEST PROCEDURE

- a. The EUT was placed 0.4 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- d. LISN at least 80 cm from nearest part of EUT chassis.
- e. For the actual test configuration, please refer to the related Item –EUT Test Photos.

3.3.3 DEVIATION FROM TEST STANDARD

No deviation

3.3.4 TEST SETUP



Note: 1.Support units were connected to second LISN.

2.Both of LISNs (AMN) are 80 cm from EUT and at least 80 from other units and other metal planes



3.2.5 TEST RESULT

| EUT: | LED remote control | Model Name. : | RC-01 |
|----------------|--------------------|--------------------|-------|
| Temperature: | 26 ℃ | Relative Humidity: | 54% |
| Pressure: | 1010hPa | Phase : | N/A |
| Test Voltage : | N/A | Test Mode: | N/A |

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3.4 RADIATED EMISSION MEASUREMENT

3.4.1 Radiated Emission Limits (FCC 15.209)

| Frequencies (MHz) | Field Strength (micorvolts/meter) | Measurement Distance (meters) |
|----------------------|-----------------------------------|----------------------------------|
| 0.009~0.490 | 2400/F(KHz) | 300 |
| 0.490~1.705 | 24000/F(KHz) | 30 |
| 1.705~30.0 | 30 | 30 |
| Frequency (MHz) | Limit (dBuV) | |
| 30~88 | 40 | 3 |
| 88~216 | 43.5 | 3 |
| 216~960 | 46 | 3 |
| 960 -10000 | 54.00 | 3 |
| *902 - 928 | 94.00 | 3 |

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Note:

- (1) The tighter limit applies at the band edges.
- (2) Emission level (dBuV/m)=20log Emission level (uV/m).
- (3) *Note: This is the limit for the fundamental frequency.

LIMITS OF RADIATED EMISSION MEASUREMENT (FCC 15.249)

| Frequency of Emission (MHz) | Field Strength of fundamental ((millivolts /meter) | Field Strength of Harmonics (microvolts/meter) |
|--------------------------------|--|--|
| 902-928 | 50 | 500 |

Notes:

(1) Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in Section 15.209, whichever is the lesser attenuation.

| Spectrum Parameter | Setting |
|---------------------------------------|-----------------------|
| Attenuation | Auto |
| Start Frequency | 1000 MHz |
| Stop Frequency | 10th carrier harmonic |
| RB / VB (emission in restricted band) | 1MHz / 1MHz for Peak |

| Receiver Parameter | Setting |
|------------------------|----------------------------------|
| Attenuation | Auto |
| Start ~ Stop Frequency | 9kHz~150kHz / RB 200Hz for QP |
| Start ~ Stop Frequency | 150kHz~30MHz / RB 9kHz for QP |
| Start ~ Stop Frequency | 30MHz~1000MHz / RB 120kHz for QP |



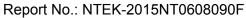
3.4.2 TEST PROCEDURE

- a. The measuring distance of at 3 m shall be used for measurements at frequency up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.
- b. The EUT was placed on the top of a rotating table 0.8 m for below 1GHz and 1.5m for above 1GHz the ground at a 3 meter open area test site. The table was rotated 360 degrees to determine the position of the highest radiation.
- c. The height of the equipment or of the substitution antenna shall be 0.8 m for below 1GHz and 1.5m for above 1GHz; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- e. If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed.
- f. For the actual test configuration, please refer to the related Item –EUT Test Photos. Note:

Both horizontal and vertical antenna polarities were tested and performed pretest to three orthogonal axis. The worst case emissions were reported

3.4.3 DEVIATION FROM TEST STANDARD

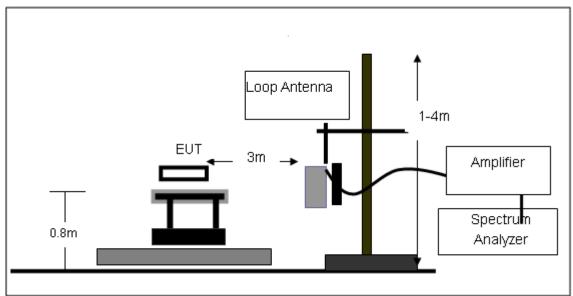
No deviation



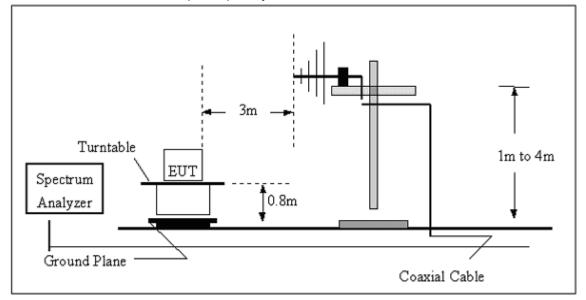


3.4.4 TEST SETUP

(A) Radiated Emission Test-Up Frequency Below 30MHz



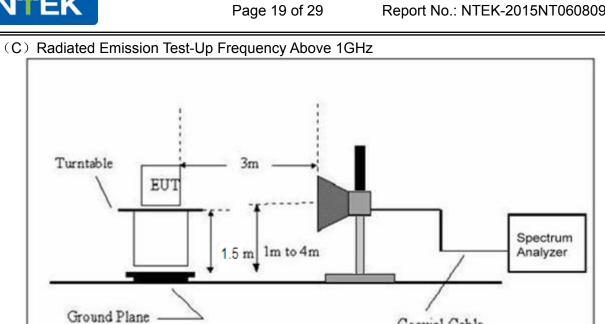
(B) Radiated Emission Test-Up Frequency 30MHz~1GHz



.

Coaxial Cable







3.4.5 TEST RESULTS (BLOW 30MHz)

| EUT: | LED remote control | Model Name. : | RC-01 |
|---------------|--------------------|---------------------|---------|
| Temperature : | 20 ℃ | Relative Humidtity: | 48% |
| Pressure : | 1010 hPa | Test Voltage : | DC 3.0V |
| Test Mode : | TX | Polarization : | |

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| Freq. | Reading | Limit | Margin | State |
|-------|----------|----------|--------|-------|
| (MHz) | (dBuV/m) | (dBuV/m) | (dB) | P/F |
| | | | | PASS |
| | | | | PASS |

NOTE:

The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

Distance extrapolation factor =20 log (specific distance/test distance)(dB);

Limit line = specific limits(dBuv) + distance extrapolation factor.



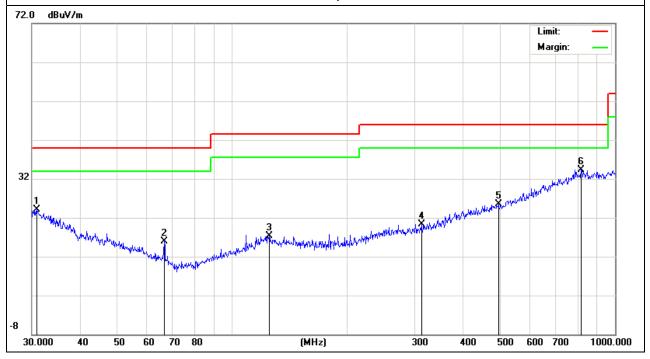
3.4.6 TEST RESULTS (BETWEEN 30 – 1000 MHZ)

| EUT: | LED remote control | Model Name : | RC-01 |
|---------------|--------------------|--------------------|----------|
| Temperature : | 20 ℃ | Relative Humidity: | 48% |
| Pressure: | 1010 hPa | Test Voltage : | DC 3.0V |
| Test Mode : | TX | Polarization : | Vertical |

| Frequency | Meter Reading | Factor | Emission Level | Limits | Margin | Detector Type |
|-----------|---------------|--------|----------------|----------|--------|---------------|
| (MHz) | (dBµV) | (dB) | (dBµV/m) | (dBµV/m) | (dB) | Detector Type |
| 30.8535 | 5.11 | 18.97 | 24.08 | 40.00 | -15.92 | QP |
| 66.4989 | 9.56 | 6.37 | 15.93 | 40.00 | -24.07 | QP |
| 125.0066 | 5.31 | 11.99 | 17.30 | 43.50 | -26.20 | QP |
| 312.1792 | 5.72 | 14.66 | 20.38 | 46.00 | -25.62 | QP |
| 495.9343 | 5.29 | 20.21 | 25.50 | 46.00 | -20.50 | QP |
| 815.9678 | 7.04 | 27.36 | 34.40 | 46.00 | -11.60 | QP |

Remark:

1. Factor = Antenna Factor + Cable Loss – Pre-amplifier.



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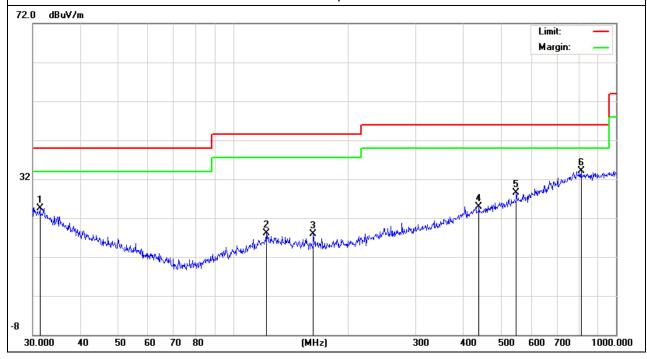
| EUT: | LED remote control | Model Name : | RC-01 |
|--------------|--------------------|--------------------|------------|
| Temperature: | 20 ℃ | Relative Humidity: | 48% |
| Pressure: | 1010 hPa | Test Voltage : | DC 3.0V |
| Test Mode : | TX | Polarization : | Horizontal |

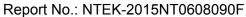
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| Frequency | Meter Reading | Factor | Emission Level | Limits | Margin | Detector Type |
|-----------|---------------|--------|----------------|----------|--------|---------------|
| (MHz) | (dBµV) | (dB) | (dBµV/m) | (dBµV/m) | (dB) | Detector Type |
| 31.2893 | 5.77 | 18.72 | 24.49 | 40.00 | -15.51 | QP |
| 121.9754 | 6.01 | 12.06 | 18.07 | 43.50 | -25.43 | QP |
| 162.0414 | 7.49 | 10.50 | 17.99 | 43.50 | -25.51 | QP |
| 438.6553 | 5.87 | 19.08 | 24.95 | 46.00 | -21.05 | QP |
| 549.0193 | 7.25 | 21.31 | 28.56 | 46.00 | -17.44 | QP |
| 810.2653 | 6.64 | 27.38 | 34.02 | 46.00 | -11.98 | QP |

Remark:

1. Factor = Antenna Factor + Cable Loss – Pre-amplifier.







3.4.7 TEST RESULTS (ABOVE 1000 MHZ)

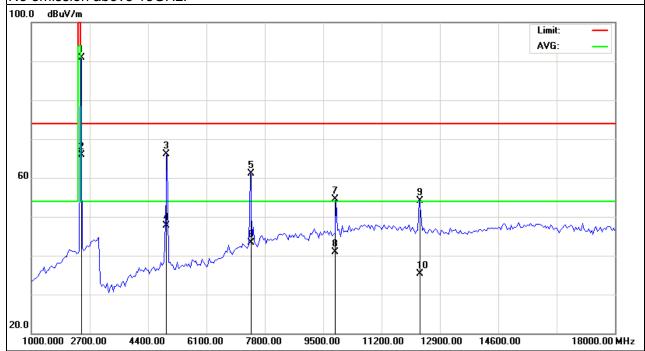
| EUT: | LED remote control | Model Name : | RC-01 |
|---------------|--------------------|--------------------|------------|
| Temperature : | 20 ℃ | Relative Humidity: | 48% |
| Pressure: | 1010 hPa | Test Voltage : | DC 3.0V |
| Test Mode : | TX | Polarization : | Horizontal |

| 1 | | | | | | |
|-----------|---------------|--------|----------------|----------|--------|---------------|
| Frequency | Meter Reading | Factor | Emission Level | Limits | Margin | Detector Type |
| (MHz) | (dBµV) | (dB) | (dBµV/m) | (dBµV/m) | (dB) | Detector Type |
| 2464.500 | 98.50 | -7.60 | 90.90 | 114.0 0 | -23.10 | peak |
| 2464.500 | 73.54 | -7.60 | 65.94 | 94.00 | -28.06 | AVG |
| 4930.000 | 64.16 | 1.94 | 66.10 | 74.00 | -7.90 | peak |
| 4930.000 | 45.69 | 1.94 | 47.63 | 54.00 | -6.37 | AVG |
| 7393.500 | 17.91 | 43.29 | 61.20 | 74.00 | -12.80 | peak |
| 7393.500 | -0.08 | 43.29 | 43.21 | 54.00 | -10.79 | AVG |
| 9858.000 | 9.30 | 45.20 | 54.50 | 74.00 | -19.50 | peak |
| 9858.000 | -4.24 | 45.20 | 40.96 | 54.00 | -13.04 | AVG |
| 12322.500 | 5.71 | 48.49 | 54.20 | 74.00 | -19.80 | peak |
| 12322.500 | -13.24 | 48.49 | 35.25 | 54.00 | -18.75 | AVG |

Remark:

Factor = Antenna Factor + Cable Loss – Pre-amplifier.

No emission above 18GHz.





| EUT: | LED remote control | Model Name : | RC-01 |
|--------------|--------------------|--------------------|----------|
| Temperature: | 20 ℃ | Relative Humidity: | 48% |
| Pressure : | 1010 hPa | Test Voltage : | DC 3.0V |
| Test Mode : | TX | Polarization : | Vertical |

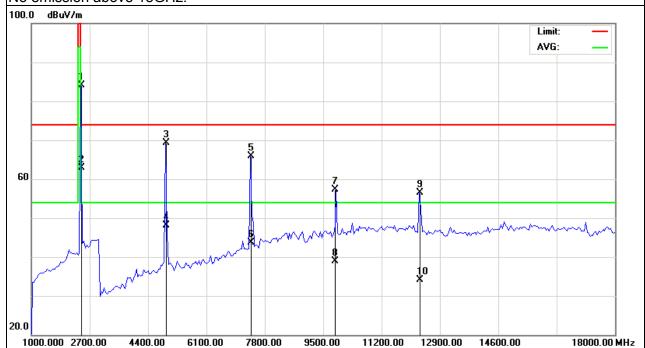
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| Frequency | Meter Reading | Factor | Emission Level | Limits | Margin | D T |
|-----------|---------------|--------|----------------|----------|--------|---------------|
| (MHz) | (dBµV) | (dB) | (dBµV/m) | (dBµV/m) | (dB) | Detector Type |
| 2464.500 | 91.80 | -7.60 | 84.20 | 114.0 0 | -29.80 | peak |
| 2464.500 | 70.47 | -7.60 | 62.87 | 94.00 | -31.13 | AVG |
| 4930.000 | 67.36 | 1.94 | 69.30 | 74.00 | -4.70 | peak |
| 4930.000 | 46.20 | 1.94 | 48.14 | 54.00 | -5.86 | AVG |
| 7393.500 | 22.61 | 43.29 | 65.90 | 74.00 | -8.10 | peak |
| 7393.500 | 0.40 | 43.29 | 43.69 | 54.00 | -10.31 | AVG |
| 9858.000 | 12.20 | 45.20 | 57.40 | 74.00 | -16.60 | peak |
| 9858.000 | -6.33 | 45.20 | 38.87 | 54.00 | -15.13 | AVG |
| 12322.500 | 8.01 | 48.49 | 56.50 | 74.00 | -17.50 | peak |
| 12322.500 | -14.47 | 48.49 | 34.02 | 54.00 | -19.98 | AVG |

Remark:

Factor = Antenna Factor + Cable Loss - Pre-amplifier.

No emission above 18GHz.



Note: EUT Pre-scan X/Y/Z orientation, only worst case is presented in the report(X orientation).



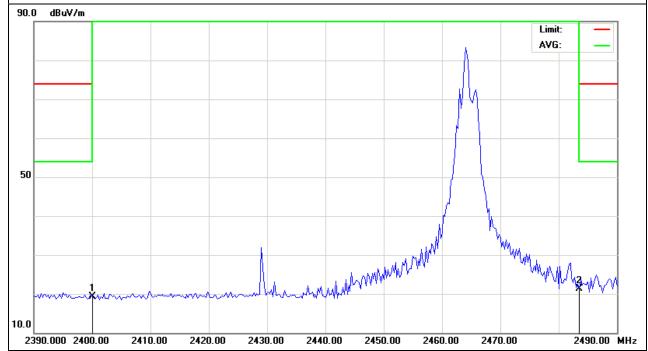
3.4.8 TEST RESULTS (RESTRICTED BANDS REQUIREMENTS)

| EUT: | LED remote control | Model Name : | RC-01 |
|---------------|--------------------|--------------------|----------|
| Temperature : | 20 ℃ | Relative Humidity: | 48% |
| Pressure: | 1010 hPa | Test Voltage : | DC 3.0V |
| Test Mode : | TX | Polarization : | Vertical |

| Frequency | Meter Reading | Factor | Emission Level | Limits | Margin | Detector Type |
|-----------|---------------|--------|----------------|----------|--------|---------------|
| (MHz) | (dBµV) | (dB) | (dBµV/m) | (dBµV/m) | (dB) | Detector Type |
| 2400.000 | 26.99 | -7.74 | 19.25 | 74.00 | -54.75 | peak |
| 2483.500 | 28.91 | -7.53 | 21.38 | 74.00 | -52.62 | peak |

Remark:

Factor = Antenna Factor + Cable Loss – Pre-amplifier.



.



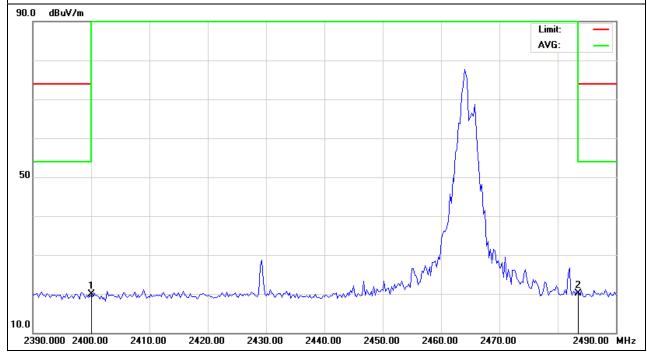
| | - | _ | |
|--------------|--------------------|--------------------|------------|
| EUT: | LED remote control | Model Name : | RC-01 |
| Temperature: | 20 ℃ | Relative Humidity: | 48% |
| Pressure: | 1010 hPa | Test Voltage : | DC 3.0V |
| Test Mode : | TX | Polarization : | Horizontal |

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| Frequency | Meter Reading | Factor | Emission Level | Limits | Margin | Detector Type |
|-----------|---------------|--------|----------------|----------|--------|---------------|
| (MHz) | (dBµV) | (dB) | (dBµV/m) | (dBµV/m) | (dB) | Detector Type |
| 2400.000 | 27.65 | -7.74 | 19.91 | 74.00 | -54.09 | peak |
| 2483.500 | 27.64 | -7.53 | 20.11 | 74.00 | -53.89 | peak |

Remark:

Factor = Antenna Factor + Cable Loss – Pre-amplifier.





4. BANDWIDTH TEST

4.1 TEST PROCEDURE

- a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
- b. Spectrum Setting : RBW= 100KHz, VBW≥RBW, Sweep time = Auto.

4.2 DEVIATION FROM STANDARD

No deviation.

4.3 TEST SETUP

| EUT | SPECTRUM |
|-----|----------|
| | ANALYZER |

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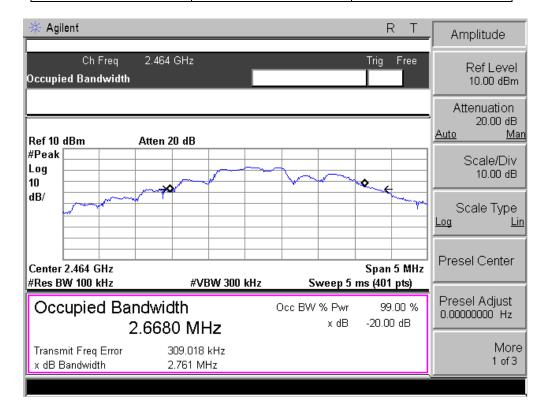


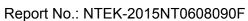
4.4 TEST RESULTS

| EUT: | LED remote control | Model Name : | RC-01 |
|--------------|--------------------|--------------------|---------|
| Temperature: | 26 ℃ | Relative Humidity: | 53% |
| Pressure: | 1020 hPa | Test Power : | DC 3.0V |
| Test Mode : | TX | | |

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| Test Channel | Frequency | 20 dBc Bandwidth |
|---------------|-----------|------------------|
| lest Grianner | (MHz) | (MHz) |
| CH01 | 2464 | 2.761 |







5. EUT TEST PHOTO



