

TEST REPORT

| то: | SHANTOU CHENGHAI LIANXIA EDDIE TOYS CRAFT FACTORY | FAX: | | |
|-----------|--|---------|--|--|
| ATTN: | | E-MAIL: | | |
| ADDRESS | LIANXIA TOWN,CHENGHAI DISTRICT,SHANTOU CITY,GUANGDONG PROVINCE | | | |
| ADDINESS | CHINA | | | |
| TEST DATE | 17 MAY, 201924 MAY, 2019 | | | |

| MANUFACTURER OR SUPPLIER NAME | SHANTOU CHENGHAI LIANXIA EDDIE TOYS CRAFT FACTORY |
|-----------------------------------|--|
| MANUFACTURER OR SUPPLIER ADDRESS: | LIANXIA TOWN,CHENGHAI DISTRICT,SHANTOU CITY,GUANGDONG PROVINCE CHINA |
| SAMPLE DESCRIPTION: | PVC REMOTE CONTROL CARS SERIES |
| MODEL OR STYLE NUMBER: | RA#9044574 |
| RATED VOLTAGE: | 3V d.c.("AA" Size *2) |
| ADDITIONAL MODELS: | 698-16, 698-21, 698-23, 698-26, 698-27, 698-35, 698-36, 698-48, 698-52, 698-58, 698-73, 698-74, 698-75, 698-78, 698-68, 698-68A, 698-18A, 698-30A, 698-38A, 698-39A, 698-62A, 698-28A, 698-19, 698-25, 698-56, 698-69, 698-30, 698-34, 698-51, 698-61, 698-36A, 698-38, 698-70, 698-18, 698-51/70, 698-18/30, 999-36, 999-14, 999-55, 999-50, 999-12, 999-18, 999-550, 999-500, 999-140, 999-180, 999-181, 999-360, 999-120, 999-1, 999-2, 999-3, 999-4, 999-5, 999-6, 999-7, 999-8, WD999-1, WD999-2, WD999-3, WD999-4, WD999-5, WD999-6, WD999-7, WD999-14, WD999-15, WD999-10, WD999-17, WD999-12, WD999-19, WD999-19, WD999-21, WD999-22, WD999-23 |
| FCC ID: | 2AETTEDDIE9999 |

The submitted sample of the above equipment has been tested according to following standard(s)

FCC Rules and Regulations Part 15 Subpart C section 15.227 ANSI C63.10:2013

CONCLUSION: The submitted sample was found to COMPLY with the test requirement

Assistant Manager

Name: Nick Lung Date: 03 JUNE, 2019



TEST REPORT NUMBER: (8519)114-0047 1. Summary of test results

| Description of Test Item | Standard | Results |
|--|---|---------|
| Field Strength of the Fundamental Signal | FCC Part 15: 15.227(a) ANSI C63.10:2013 | PASS |
| 20dB Bandwidth | FCC Part 15: 15.215 ANSI C63.10:2013 | PASS |
| Radiated Emission | FCC Part 15: 15.209 FCC Part 15: 15.227(b) ANSI C63.10:2013 | PASS |
| Power Line Conducted Emissions | FCC Part 15: 15.207 ANSI C63.10:2013 | N/A |
| Antenna requirement | FCC Part 15: 15.203 | PASS |

Note: N/A is an abbreviation for Not Applicable, and means this item is not applicable for this device.



2. General test information

2.1. Description of EUT

| Power supply | : DC 3V (2*1.5V "AA" batteries) |
|---------------------|---------------------------------|
| Operation frequency | : 27.145MHz |
| Antenna Type | : Dedicated antenna |

2.2. Accessories of EUT

| Description of Accessories | Manufacturer | Model number | Serial No. | Other |
|----------------------------|--------------|-----------------|------------|-------|
| N/A | N/A | N/A | N/A | N/A |

2.3. Assistant equipment used for test

| Assistant equipment | Manufacturer | Model number | Serial No. | Other |
|---------------------|--------------|-----------------|------------|-------|
| N/A | N/A | N/A | N/A | N/A |

2.4. Block diagram of EUT configuration for test

EUT

2.5. Deviations of test standard

No Deviation.

2.6. Test environment conditions

During the measurement the environmental conditions were within the listed ranges:

| Temperature range: | 21-25°C |
|--------------------|-----------|
| Humidity range: | 40-75% |
| Pressure range: | 86-106kPa |



2.7. Test laboratory

Dongguan Dongdian Testing Service Co., Ltd

Add: No. 17, Zongbu Road 2, Songshan Lake Sci&Tech, Industry Park, Dongguan City,

Guangdong Province, China, 523808

Tel: +86-0769-38826678, http://www.dgddt.com, Email: ddt@dgddt.com

CNAS Accreditation No. L6451; A2LA Accreditation No. 3870.01

Designation Number: CN1182; Test Firm Registration Number: 540522

Industry Canada site registration number: 10288A-1

Result reviewed by Centre of Testing Service (Ningbo) Co, Ltd Guangzhou Branch - a Bureau Veritas Company

Address: Building A,No.65 Zhuji Highway, jishancun, Tianhe District, Guangzhou, China

2.8. Measurement uncertainty

| Test Item | Uncertainty |
|---|--------------------------------|
| Bandwidth | 1.1% |
| Peak Output Power (Conducted) (Spectrum analyzer) | 0.86dB (10MHz ≤ f < 3.6GHz); |
| Teak output Fewer (conducted) (opectrum analyzer) | 1.38dB (3.6GHz≤ f < 8GHz) |
| Peak Output Power (Conducted) (Power Sensor) | 0.74dB |
| Dwell Time | 0.6% |
| | 0.86dB (10MHz ≤ f < 3.6GHz); |
| Conducted spurious emissions | 1.40dB (3.6GHz≤ f < 8GHz) |
| | 1.66dB (8GHz≤ f < 22GHz) |
| Uncertainty for radio frequency (RBW<20kHz) | 3×10 ⁻⁸ |
| Temperature | 0.4℃ |
| Humidity | 2% |
| Uncertainty for Radiation Emission test | 4.70dB (Antenna Polarize: V) |
| (30MHz-1GHz) | 4.84dB (Antenna Polarize: H) |
| Uncertainty for Radiation Emission test | 4.10dB (1-6GHz) |
| (1GHz-18GHz) | 4.40dB (6GHz-18GHz) |
| Uncertainty for Power line conduction emission test | 3.32dB (150kHz-30MHz) |
| Note: This uncertainty represents an expanded uncertainty | expressed at approximately the |

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



3. Equipment used during test

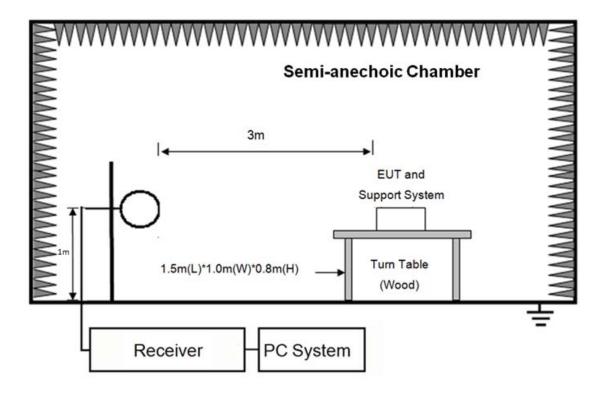
| Equipment | Manufacturer | Model No. | Serial No. | Last Cal. | Cal. Interval | |
|--|---------------|-----------------------|-----------------------|---------------|---------------|--|
| RF Connected Test (Tonscend RF Measurement System) | | | | | | |
| Spectrum analyzer | R&S | FSU26 | 200071 | Oct. 12, 2018 | 1 Year | |
| Wideband Radio Communication tester | R&S | CMW500 | 117491 | Jun. 29, 2018 | 1 Year | |
| Vector Signal Generator | Agilent | E8267D | US49060192 | Oct. 12, 2018 | 1 Year | |
| Vector Signal Generator | Agilent | N5182A | MY48180737 | Jun. 29, 2018 | 1 Year | |
| Power Sensor | Agilent | U2021XA | MY55150010 | Oct. 21, 2018 | 1 Year | |
| Power Sensor | Agilent | U2021XA | MY55150011 | Oct. 23, 2018 | 1 Year | |
| DC Power Source | MATRIS | MPS-3005L- 3 | D813058W | Aug. 18, 2018 | 1 Year | |
| Attenuator | Mini-Circuits | BW-S10W2 | 101109 | Aug. 18, 2018 | 1 Year | |
| RF Cable | Micable | C10-01-01-1 | 100309 | Oct. 21, 2018 | 1 Year | |
| Temp&Humi Programmable | ZHIXIANG | ZXGDJS-15 0L | ZX170110-A | Oct. 21, 2018 | 1 Year | |
| Test Software | JS Tonscend | JS1120-3 | Ver.2.7 | N/A | N/A | |
| Radiated Emission T | est Chamber 1 | # | | | | |
| EMI Test Receiver | R&S | ESU8 | 100316 | Oct. 12, 2018 | 1 Year | |
| Spectrum analyzer | Agilent | E4447A | MY50180031 | Jun. 29, 2018 | 1 Year | |
| Trilog Broadband Antenna | Schwarzbeck | VULB9163 | 9163-462 | Nov. 09, 2018 | 1 Year | |
| Active Loop antenna | Schwarzbeck | FMZB-1519 | 1519-038 | Oct. 20, 2018 | 1 Year | |
| Double Ridged Horn Antenna | R&S | HF907 | 100276 | Nov. 16, 2018 | 1 Year | |
| Broad Band Horn Antenna | Schwarzbeck | BBHA 9170 | 790 | Oct. 25, 2018 | 1 Year | |
| Pre-amplifier | A.H. | PAM-0118 | 360 | Oct. 12, 2018 | 1 Year | |
| Pre-amplifier | TERA-MW | TRLA-0040 G35 | 101303 | Oct. 12, 2018 | 1 Year | |
| RF Cable | HUBSER | CP-X2+ CP-X1 | W11.03+ W12.02 | Oct. 21, 2018 | 1 Year | |
| RF Cable | N/A | SMAJ-SMA J-1M+ 11M | 17070133+17 070131 | Nov. 08, 2018 | 1 Year | |
| MI Cable | HUBSER | C10-01-01-1 M | 1091629 | Oct. 21, 2018 | 1 Year | |
| Test software | Audix | E3 | V 6.11111b | N/A | N/A | |



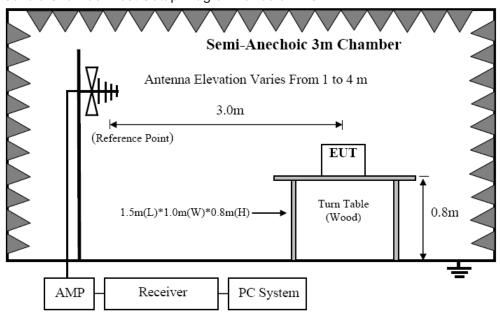
4. Radiated emission

4.1. Block diagram of test setup

In 3m Anechoic Chamber Test Setup Diagram for 9kHz-30MHz

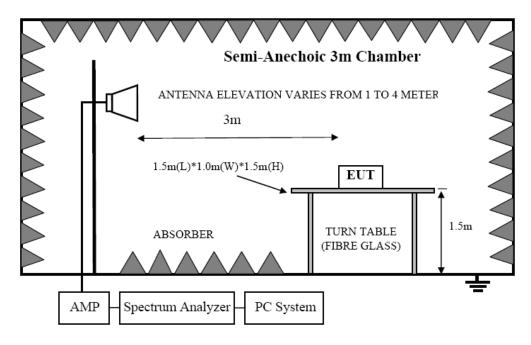


In 3m Anechoic Chamber Test Setup Diagram for below 1GHz





In 3m Anechoic Chamber Test Setup Diagram for frequency above 1GHz



Note: For harmonic emissions test an appropriate high pass filter was inserted in the input port of AMP.

4.2. Limit

4.2.1 FCC 15.205 Restricted frequency band

| MHz | MHz | MHz | GHz |
|----------------------------|-----------------------|-----------------|------------------|
| 0.090 - 0.110 | 16.42 - 16.423 | 399.9 - 410 | 4.5 - 5.15 |
| ¹ 0.495 - 0.505 | 16.69475 - 16.69525 | 608 - 614 | 5.35 - 5.46 |
| 2.1735 - 2.1905 | 16.80425 - 16.80475 | 960 - 1240 | 7.25 - 7.75 |
| 4.125 - 4.128 | 25.5 - 25.67 | 1300 - 1427 | 8.025 - 8.5 |
| 4.17725 - 4.17775 | 37.5 - 38.25 | 1435 - 1626.5 | 9.0 - 9.2 |
| 4.20725 - 4.20775 | 73 - 74.6 | 1645.5 - 1646.5 | 9.3 - 9.5 |
| 6.215 - 6.218 | 74.8 - 75.2 | 1660 - 1710 | 10.6 - 12.7 |
| 6.26775 - 6.26825 | 108 - 121.94 | 1718.8 - 1722.2 | 13.25 - 13.4 |
| 6.31175 - 6.31225 | 123 - 138 | 2200 - 2300 | 14.47 - 14.5 |
| 8.291 - 8.294 | 149.9 - 150.05 | 2310 - 2390 | 15.35 - 16.2 |
| 8.362 - 8.366 | 156.52475 - 156.52525 | 2483.5 - 2500 | 17.7 - 21.4 |
| 8.37625 - 8.38675 | 156.7 - 156.9 | 2690 - 2900 | 22.01 - 23.12 |
| 8.41425 - 8.41475 | 162.0125 - 167.17 | 3260 - 3267 | 23.6 - 24.0 |
| 12.29 - 12.293 | 167.72 - 173.2 | 3332 - 3339 | 31.2 - 31.8 |
| 12.51975 - 12.52025 | 240 - 285 | 3345.8 - 3358 | 36.43 - 36.5 |
| 12.57675 - 12.57725 | 322 - 335.4 | 3600 - 4400 | (²) |



4.2.2 FCC 15.209 Limit.

| FREQUENCY | DISTANCE | FIELD STRENGTHS LIMI | |
|---------------|----------|--------------------------------|---------------|
| MHz | Meters | μV/m | dB(μV)/m |
| 0.009 ~ 0.490 | 300 | 2400/F(kHz) | 67.6-20log(F) |
| 0.490 ~ 1.705 | 30 | 24000/F(kHz) | 87.6-20log(F) |
| 1.705 ~ 30.0 | 30 | 30 | 29.54 |
| 30 ~ 88 | 3 | 100 | 40.0 |
| 88 ~ 216 | 3 | 150 | 43.5 |
| 216 ~ 960 | 3 | 200 | 46.0 |
| 960 ~ 1000 | 3 | 500 | 54.0 |
| Above 1000 | 3 | 74.0 dB(μV)/m 54.0 dB(μV)/m | |

4.2.3 FCC 15.227(a) Limit.

| FREQUENCY | DISTANCE | FIELD STRENG | STHS LIMIT |
|---------------|--|--------------|-------------|
| MHz | Meters | μV/m | dB(μV)/m |
| 26.96 ~ 27.28 | 3 | 10000 | 80(Average) |
| 20.00 27.20 | , and the second | 10000 | 100(Peak) |

Note: (1) The emission limits shown in the above table are based on measurements employing a CISPR QP detector except for the frequency bands 9-90kHz, 110-490kHz and above 1000MHz. Radiated emissions limits in these three bands are based on measurements employing an average detector.

(2) At frequencies below 30MHz, measurement may be performed at a distance closer than that specified, and the limit at closer measurement distance can be extrapolated by below formula:

 $Limit_{3m}(dBuV/m) = Limit_{30m}(dBuV/m) + 40Log(30m/3m)$

4.2.3 Limit for this EUT

All the emissions appearing within 15.205 restricted frequency bands shall not exceed the limits shown in 15.209 and 15.227, all the other emissions shall be at least 20dB below the fundamental emissions, or comply with 15.209 limits.



4.3. Test Procedure

- (1) EUT was placed on a non-metallic table, 80 cm above the ground plane inside a semi-anechoic chamber.
- (2) Test antenna was located 3m from the EUT on an adjustable mast, and the antenna used as below table.

| Test frequency range | Test antenna used | | |
|----------------------|--|--|--|
| 9kHz-30MHz | Active Loop antenna | | |
| 30MHz-1GHz | Trilog Broadband Antenna | | |
| 1GHz-18GHz | Double Ridged Horn Antenna(1GHz-18GHz) | | |
| 18GHz-40GHz | Horn Antenna(18GHz-40GHz) | | |

According ANSI C63.10:2013 clause 6.4.4.2 and 6,5.3, for measurements below 30 MHz, the loop antenna was positioned with its plane vertical from the EUT and rotated about its vertical axis for maximum response at each azimuth position around the EUT. And the loop antenna also be positioned with its plane horizontal at the specified distance from the EUT. The center of the loop is 1 m above the ground. for measurement above 30MHz, the Trilog Broadband Antenna or Horn Antenna was located 3m from EUT, Measurements were made with the antenna positioned in both the horizontal and vertical planes of Polarization, and the measurement antenna was varied from 1 m to 4 m. in height above the reference ground plane to obtain the maximum signal strength.

- (3) Below pre-scan procedure was first performed in order to find prominent frequency spectrum radiated emissions from 9kHz to 1GHz:
- (a) Scanning the peak frequency spectrum with the antenna specified in step (3), and the EUT was rotated 360 degree, the antenna height was varied from 1m to 4m (Except loop antenna, it's fixed 1m above ground.)
 - (b) Change work frequency or channel of device if practicable.
 - (c) Change modulation type of device if practicable.
 - (d) Change power supply range from 85% to 115% of the rated supply voltage
- (e) Rotated EUT though three orthogonal axes to determine the attitude of EUT arrangement produces highest emissions.

Spectrum frequency from 9 kHz to 1GHz (tenth harmonic of fundamental frequency) was investigated, the EUT works the highest frequency in 27.145MHz, therefore the test is performed up to 1GHz, and there are no obvious emissions detected from 9 kHz to 30MHz, so below final test was performed with frequency range from 30MHz to 1GHz.

(4) For final emissions measurements at each frequency of interest, the EUT was rotated and the antenna height was varied between 1m and 4m in order to maximize the emission. Measurements in both horizontal and vertical polarities were made and the data was recorded.



- In order to find the maximum emission, the relative positions of equipments and all of the interface cables were changed according to ANSI C63.10:2013 on Radiated Emission test.
- (5) The emissions from 9kHz to 1GHz were measured based on CISPR QP detector except for the frequency bands 9-90kHz, 110-490kHz, for emissions from 9kHz-90kHz,110kHz-490kHz and above 1GHz were measured based on average detector, for emissions above 1GHz, peak emissions also be measured and need comply with Peak limit.
- (6) The emissions from 9 kHz to 1GHz, QP or average values were measured with EMI receiver with below RBW.

| Eroguenov band | RBW |
|----------------|--------|
| Frequency band | NDVV |
| 9kHz-150kHz | 200Hz |
| 150kHz-30MHz | 9kHz |
| 30MHz-1GHz | 120kHz |

4.4. Test result

PASS. (See below detailed test result)

4.4.1 Field Strength of the Fundamental Signal

| Freq. (MHz) | Read level (dBµV) | Antenna Factor (dB/m) | Cable Loss (dB) | PK Result Level (dBµV/m) | AV Limit (dBμV/m) | Over Limit (dB) | Detector | Polarization |
|----------------|-------------------------|-----------------------------|-----------------------|-----------------------------------|----------------------|-----------------------|----------|--------------|
| 27.145 | 37.65 | 12.03 | 3.63 | 53.31 | 80.00 | -26.69 | Peak | HORIZONTAL |
| 27.145 | 52.62 | 12.03 | 3.63 | 68.28 | 80.00 | -11.72 | Peak | VERTICAL |
| Result: F | Result: Pass | | | | | | | |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

^{2.} If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

^{3.} Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.



4.4.2 Radiated Emissions

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 1# D:\2019 RE1# Report Data\BV Report\85191140047\rf.EM6

Test Date : 2019-05-20 Tested By : Talent

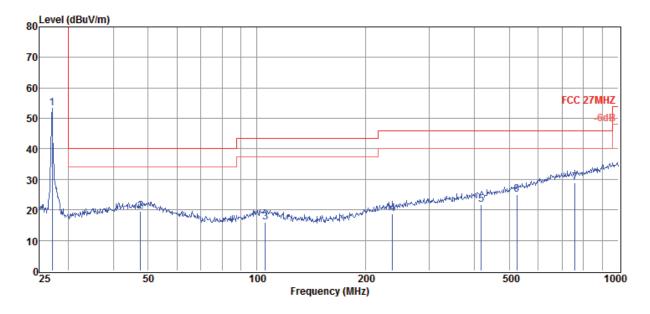
EUT : REMOTE CONTROL CARS Model Number : RA#9044574

Power Supply : DC 3.0V Test Mode : Tx mode

Condition : Temp:24.5'C, Humi:55%, Press:100.1kPa Antenna/Distance : 2018 VULB 9163 1#/3m/HORIZONTAL

Memo :

Data: 1



| Item | Freq. | Read | Antenna | Cable | Result | Limit | Over | Detector | Polarization |
|--------|--------|--------|---------|-------|----------|----------|--------|----------|--------------|
| | | Level | Factor | Loss | Level | Line | Limit | | |
| (Mark) | (MHz) | (dBµV) | (dB/m) | dB | (dBµV/m) | (dBµV/m) | (dB) | | |
| 1 | 27.145 | 37.65 | 12.03 | 3.63 | 53.31 | / | / | Peak | HORIZONTAL |
| 2 | 47.68 | 1.39 | 14.34 | 3.85 | 19.58 | 40.00 | -20.42 | QP | HORIZONTAL |
| 3 | 105.38 | 0.06 | 11.75 | 4.23 | 16.04 | 43.50 | -27.46 | QP | HORIZONTAL |
| 4 | 237.25 | 1.31 | 12.50 | 4.95 | 18.76 | 46.00 | -27.24 | QP | HORIZONTAL |
| 5 | 417.17 | 0.34 | 15.88 | 5.57 | 21.79 | 46.00 | -24.21 | QP | HORIZONTAL |
| 6 | 522.44 | 1.71 | 17.44 | 5.89 | 25.04 | 46.00 | -20.96 | QP | HORIZONTAL |
| 7 | 758.31 | 1.99 | 20.46 | 6.52 | 28.97 | 46.00 | -17.03 | QP | HORIZONTAL |

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.

3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.



TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 1# D:\2019 RE1# Report Data\BV Report\85191140047\rf.EM6

Test Date : 2019-05-20 Tested By : Talent

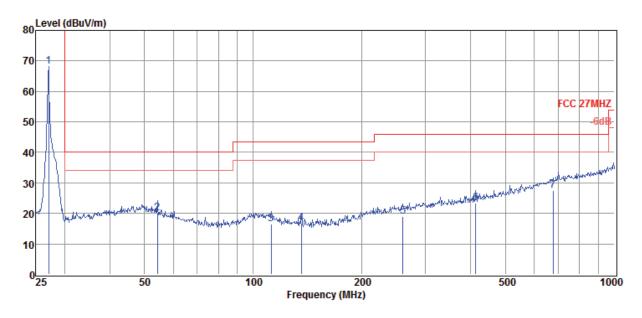
EUT : REMOTE CONTROL CARS Model Number : RA#9044574

Power Supply : DC 3.0V Test Mode : Tx mode

Condition : Temp:24.5'C, Humi:55%, Press:100.1kPa Antenna/Distance : 2018 VULB 9163 1#/3m/VERTICAL

Memo :

Data: 2



| Item (Mark) | Freq. | Read Level (dBµV) | Antenna Factor (dB/m) | Cable Loss dB | Result Level | Limit Line (dBµV/m) | Over Limit (dB) | Detector | Polarization |
|-------------|--------|-------------------------|-----------------------------|---------------------|-----------------|---------------------------|-----------------------|----------|--------------|
| (Mark) | | (иБµУ) | (ub/III) | uБ | (ασμν/π) | (ασμν/ιιι) | (ub) | | |
| 1 | 27.145 | 52.62 | 12.03 | 3.63 | 68.28 | / | / | Peak | VERTICAL |
| 2 | 54.25 | 3.01 | 13.17 | 3.91 | 20.09 | 40.00 | -19.91 | QP | VERTICAL |
| 3 | 112.20 | 1.02 | 11.32 | 4.27 | 16.61 | 43.50 | -26.89 | QP | VERTICAL |
| 4 | 135.92 | 3.37 | 9.02 | 4.40 | 16.79 | 43.50 | -26.71 | QP | VERTICAL |
| 5 | 259.21 | 0.94 | 13.06 | 5.04 | 19.04 | 46.00 | -26.96 | QP | VERTICAL |
| 6 | 412.58 | 2.00 | 15.81 | 5.55 | 23.36 | 46.00 | -22.64 | QP | VERTICAL |
| 7 | 676.37 | 1.56 | 19.74 | 6.31 | 27.61 | 46.00 | -18.39 | QP | VERTICAL |

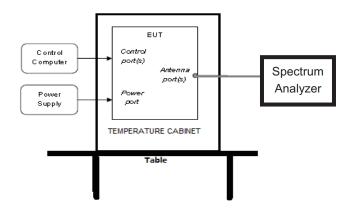
Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

- 2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
- 3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.



5. 20dB Bandwidth

5.1. Block diagram of test setup



5.2. Limits

Operation within the band 26.96-27.28 MHz

5.3. Test Procedure

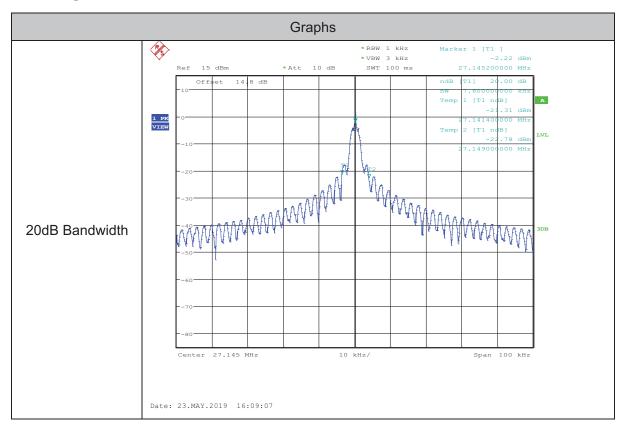
- (1) Connect EUT's antenna output to spectrum analyzer by RF cable.
- (2) The bandwidth of the fundamental frequency was measured by spectrum analyzer with 1 kHz RBW and 3 kHz VBW. The 20dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 20dB.

5.4. Test Result

| Freq. (MHz) | Limit | Conclusion |
|----------------|---|------------|
| 27.145 | Operation within the band 26.96-27.28 MHz | PASS |



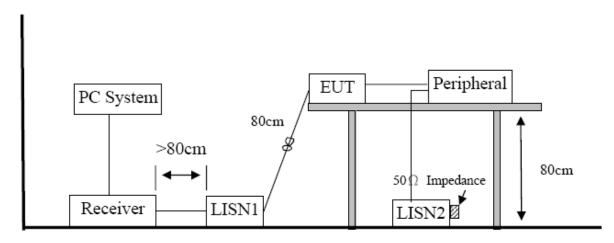
5.5. Original test data





6. Power Line Conducted Emission

6.1. Block diagram of test setup



6.2. Power Line Conducted Emission Limits (Class B)

| Frequency | Quasi-Peak Level dB(μV) | Average Level dB(μV) | | |
|-----------------|----------------------------|-------------------------|--|--|
| 150kHz ~ 500kHz | 66 ~ 56* | 56 ~ 46* | | |
| 500kHz ~ 5MHz | 56 | 46 | | |
| 5MHz ~ 30MHz | 60 | 50 | | |

Note 1: * Decreasing linearly with logarithm of frequency.

Note 2: The lower limit shall apply at the transition frequencies.

6.3. Test Procedure

The EUT and Support equipment, if needed, were put placed on a non-metallic table, 80cm above the ground plane.

Configuration EUT to simulate typical usage as described in clause 2.4 and test equipment as described in clause 3 of this report.

All I/O cables were positioned to simulate typical actual usage as per ANSI C63.4. All support equipment power received from a second LISN.

Emissions were measured on each current carrying line of the EUT using an EMI Test Receiver connected to the LISN powering the EUT.

The Receiver scanned from 150 kHz to 30MHz for emissions in each of the test modes. During the above scans, the emissions were maximized by cable manipulation.



The test mode(s) described in clause 2.4 were scanned during the preliminary test.

After the preliminary scan, we found the test mode producing the highest emission level.

The EUT configuration and worse cable configuration of the above highest emission levels were recorded for reference of the final test.

EUT and support equipment were set up on the test bench as per the configuration with highest emission level in the preliminary test.

A scan was taken on both power lines, Neutral and Line, recording at least the six highest emissions.

Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit.

The test data of the worst-case condition(s) was recorded.

The bandwidth of test receiver is set at 9 kHz.

6.4. Test Result

Not Applicable

Remark: Conducted limits are not required for devices which do not operate from the AC power lines or contain provisions for operation while connected to the AC power lines according to 15.207(C).

7. Antenna Requirements

For intentional device, according to FCC 47 CFR Section 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. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.