

GTS Global United Technology Services Co., Ltd.

Report No.: GTS201912000087F01

TEST REPORT

| Applicant: | Annex Products Pty Ltd | | |
|-------------------------------------|--|--|--|
| Address of Applicant: | Suite 201, 168 Greville St, Prahran, VIC Australia | | |
| Manufacturer/Factory: | Topwell Spring Development Ltd | | |
| Address of Manufacturer/Factory: | Room 518-520, Yousong Building, 1st road Donghuan, Longhua, Shenzhen | | |
| Equipment Under Test (E | EUT) | | |
| Product Name: | Motorcycle Wireless Charging Head | | |
| Model No.: | QLA-MOT-WCH | | |
| FCC ID: | 2AOU9-QLA | | |
| Applicable standards: | FCC CFR Title 47 Part 15 Subpart C | | |
| Date of sample receipt: | Dec. 11, 2019 | | |
| Date of Test: | Dec. 11, 2019 to Dec. 12, 2019 | | |
| Date of report issued: | Dec. 13, 2019 | | |
| Test Result : | PASS * | | |

In the configuration tested, the EUT complied with the standards specified above. *

Authorized Signature:

Robinson Lo Laboratory Manager

This results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of compiler and approver.



2 Version

| Version No. | Date | Description |
|-------------|---------------|-------------|
| 00 | Dec. 13, 2019 | Original |
| | | |
| | | |
| | | |
| | | |

Prepared By:

zonte

Date:

Dec. 13, 2019

Project Engineer

binson

Date:

Dec. 13, 2019

Check By:

Reviewer

GTS

Report No.: GTS201912000087F01

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4 Test Summary

| Test Item | Section in CFR 47 | Result |
|----------------------------------|-------------------|--------|
| Antenna requirement | 15.203 | Pass |
| AC Power Line Conducted Emission | 15.207 | Pass |
| Spurious Emission | 15.209(a)(f) | Pass |
| 20dB Bandwidth | 15.215 | Pass |

Pass: The EUT complies with the essential requirements in the standard.

4.1 Measurement Uncertainty

| Test Item | Frequency Range | Measurement Uncertainty | Notes | | |
|---|--------------------------------------|-----------------------------------|-------|--|--|
| Radiated Emission | 30MHz-200MHz 3.8039dB | | (1) | | |
| Radiated Emission | 200MHz-1GHz | 3.9679dB | (1) | | |
| Radiated Emission | 1GHz-18GHz | 4.29dB | (1) | | |
| Radiated Emission | 18GHz-40GHz | 3.30dB | (1) | | |
| AC Power Line Conducted Emission0.15MHz ~ 30MHz3.44dB(1) | | | | | |
| Note (1): The measurement unce | ertainty is for coverage factor of k | =2 and a level of confidence of § | 95%. | | |



5 General Information

5.1 General Description of EUT

| Product Name: | Motorcycle Wireless Charging Head |
|----------------------|-----------------------------------|
| Model No.: | QLA-MOT-WCH |
| Serial No.: | N/A |
| Hardware version: | N/A |
| Software version: | N/A |
| Test sample(s) ID: | GTS201912000087-1 |
| Sample(s) Status | Engineer sample |
| Operation Frequency: | 110kHz ~ 205KHz |
| Modulation type: | MSK |
| Antenna Type: | Inductive loop coil Antenna |
| Antenna gain: | 0dBi |
| Power supply: | Input: DC 5V/9V/12V |
| | Output Power: 5W/7.5W/10W |

5.2 Test mode

Transmitting mode

Keep the EUT in continuously transmitting mode

Remark: During the test, the test voltage was tuned from 85% to 115% of the nominal rated supply voltage, and found that the worst case was under the nominal rated supply condition. So the report just shows that condition's data.

5.3 Description of Support Units

| Manufacturer | Description | Model | Serial Number |
|---|-------------|-------------|---------------|
| Annex Products Pty Ltd Motorcycle Wireless Charging Head | | QLA-MOT-WCH | |
| OXIOS | Adapter | 002 | |
| Dummy load | | DL01 | |

5.4 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

• FCC — Registration No.: 381383

Global United Technology Services Co., Ltd., Shenzhen EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in files. Registration 381383.

• IC — Registration No.: 9079A

The 3m Semi-anechoic chamber of Global United Technology Services Co., Ltd. has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 9079A

• NVLAP (LAB CODE:600179-0)

Global United Technology Services Co., Ltd., is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP). LAB CODE:600179-0

5.5 Test Location

All tests were performed at:

Global United Technology Services Co., Ltd. No. 123-128, Tower A, Jinyuan Business Building, No.2, Laodong Industrial Zone, Xixiang Road, Baoan District, Shenzhen, Guangdong, China 518102 Tel: 0755-27798480 Fax: 0755-27798960

5.6 Other Information Requested by the Customer

None.

6 Test Instruments list

| Rad | Radiated Emission: | | | | | | | |
|------|--|--------------------------------|-----------------------------|------------------|------------------------|----------------------------|--|--|
| Item | Test Equipment | Manufacturer | Model No. | Inventory No. | Cal.Date (mm-dd-yy) | Cal.Due date (mm-dd-yy) | | |
| 1 | 3m Semi- Anechoic Chamber | ZhongYu Electron | 9.2(L)*6.2(W)* 6.4(H) | GTS250 | July. 03 2015 | July. 02 2020 | | |
| 2 | Control Room | ZhongYu Electron | 6.2(L)*2.5(W)* 2.4(H) | GTS251 | N/A | N/A | | |
| 3 | EMI Test Receiver | Rohde & Schwarz | ESU26 | GTS203 | June. 26 2019 | June. 25 2020 | | |
| 4 | BiConiLog Antenna | SCHWARZBECK MESS-ELEKTRONIK | VULB9163 | GTS214 | June. 26 2019 | June. 25 2020 | | |
| 5 | Double -ridged waveguide horn | SCHWARZBECK MESS-ELEKTRONIK | BBHA 9120 D | GTS208 | June. 26 2019 | June. 25 2020 | | |
| 6 | Horn Antenna | ETS-LINDGREN | 3160 | GTS217 | June. 26 2019 | June. 25 2020 | | |
| 7 | EMI Test Software | AUDIX | E3 | N/A | N/A | N/A | | |
| 8 | Coaxial Cable | GTS | N/A | GTS213 | June. 26 2019 | June. 25 2020 | | |
| 9 | Coaxial Cable | GTS | N/A | GTS211 | June. 26 2019 | June. 25 2020 | | |
| 10 | Coaxial cable | GTS | N/A | GTS210 | June. 26 2019 | June. 25 2020 | | |
| 11 | Coaxial Cable | GTS | N/A | GTS212 | June. 26 2019 | June. 25 2020 | | |
| 12 | Amplifier(100kHz-3GHz) | HP | 8347A | GTS204 | June. 26 2019 | June. 25 2020 | | |
| 13 | Amplifier(2GHz-20GHz) | HP | 84722A | GTS206 | June. 26 2019 | June. 25 2020 | | |
| 14 | Amplifier (18-26GHz) | Rohde & Schwarz | AFS33-18002 650-30-8P-44 | GTS218 | June. 26 2019 | June. 25 2020 | | |
| 15 | Band filter | Amindeon | 82346 | GTS219 | June. 26 2019 | June. 25 2020 | | |
| 16 | Power Meter | Anritsu | ML2495A | GTS540 | June. 26 2019 | June. 25 2020 | | |
| 17 | Power Sensor | Anritsu | MA2411B | GTS541 | June. 26 2019 | June. 25 2020 | | |
| 18 | Wideband Radio Communication Tester | Rohde & Schwarz | CMW500 | GTS575 | June. 26 2019 | June. 25 2020 | | |
| 19 | Splitter | Agilent | 11636B | GTS237 | June. 26 2019 | June. 25 2020 | | |
| 20 | Loop Antenna | ZHINAN | ZN30900A | GTS534 | June. 26 2019 | June. 25 2020 | | |
| 21 | Breitband hornantenne | SCHWARZBECK | BBHA 9170 | GTS579 | Oct. 19 2019 | Oct. 18 2020 | | |
| 22 | Amplifier | TDK | PA-02-02 | GTS574 | Oct. 19 2019 | Oct. 18 2020 | | |
| 23 | Amplifier | TDK | PA-02-03 | GTS576 | Oct. 19 2019 | Oct. 18 2020 | | |
| 24 | PSA Series Spectrum Analyzer | Rohde & Schwarz | FSP | GTS578 | June. 26 2019 | June. 25 2020 | | |



| Con | Conducted Emission | | | | | | | |
|------|--------------------------|-----------------------------|----------------------|------------------|------------------------|----------------------------|--|--|
| ltem | Test Equipment | Manufacturer | Model No. | Inventory No. | Cal.Date (mm-dd-yy) | Cal.Due date (mm-dd-yy) | | |
| 1 | Shielding Room | ZhongYu Electron | 7.3(L)x3.1(W)x2.9(H) | GTS252 | May.15 2019 | May.14 2022 | | |
| 2 | EMI Test Receiver | R&S | ESCI 7 | GTS552 | June. 26 2019 | June. 25 2020 | | |
| 3 | Coaxial Switch | ANRITSU CORP | MP59B | GTS225 | June. 26 2019 | June. 25 2020 | | |
| 4 | Artificial Mains Network | SCHWARZBECK MESS | NSLK8127 | GTS226 | June. 26 2019 | June. 25 2020 | | |
| 5 | Coaxial Cable | GTS | N/A | GTS227 | N/A | N/A | | |
| 6 | EMI Test Software | AUDIX | E3 | N/A | N/A | N/A | | |
| 7 | Thermo meter | KTJ | TA328 | GTS233 | June. 26 2019 | June. 25 2020 | | |
| 8 | Absorbing clamp | Elektronik- Feinmechanik | MDS21 | GTS229 | June. 26 2019 | June. 25 2020 | | |
| 9 | ISN | SCHWARZBECK | NTFM 8158 | GTD565 | June. 26 2019 | June. 25 2020 | | |

| RF C | RF Conducted Test: | | | | | | | | |
|------|--|--------------|------------------|------------|------------------------|----------------------------|--|--|--|
| ltem | Test Equipment | Manufacturer | Model No. | Serial No. | Cal.Date (mm-dd-yy) | Cal.Due date (mm-dd-yy) | | | |
| 1 | MXA Signal Analyzer | Agilent | N9020A | GTS566 | June. 26 2019 | June. 25 2020 | | | |
| 2 | EMI Test Receiver | R&S | ESCI 7 | GTS552 | June. 26 2019 | June. 25 2020 | | | |
| 3 | Spectrum Analyzer | Agilent | E4440A | GTS533 | June. 26 2019 | June. 25 2020 | | | |
| 4 | MXG vector Signal Generator | Agilent | N5182A | GTS567 | June. 26 2019 | June. 25 2020 | | | |
| 5 | ESG Analog Signal Generator | Agilent | E4428C | GTS568 | June. 26 2019 | June. 25 2020 | | | |
| 6 | USB RF Power Sensor | DARE | RPR3006W | GTS569 | June. 26 2019 | June. 25 2020 | | | |
| 7 | RF Switch Box | Shongyi | RFSW3003328 | GTS571 | June. 26 2019 | June. 25 2020 | | | |
| 8 | Programmable Constant Temp & Humi Test Chamber | WEWON | WHTH-150L-40-880 | GTS572 | June. 26 2019 | June. 25 2020 | | | |

| Gene | General used equipment: | | | | | | | |
|------|------------------------------------|---------------|------------------------|----------------------------|---------------|---------------|--|--|
| Item | Test Equipment | Inventory No. | Cal.Date (mm-dd-yy) | Cal.Due date (mm-dd-yy) | | | | |
| 1 | Humidity/ Temperature Indicator | KTJ | TA328 | GTS243 | June. 26 2019 | June. 25 2020 | | |
| 2 | Barometer | ChangChun | DYM3 | GTS255 | June. 26 2019 | June. 25 2020 | | |



7 Test results and Measurement Data

7.1 Antenna requirement:

Standard requirement: FCC Part15 C Section 15.203

15.203 requirement:

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, 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.

EUT Antenna:

The antenna is Inductive loop coil Antenna, the best case gain of the antenna is 0dBi, reference to the appendix II for details.

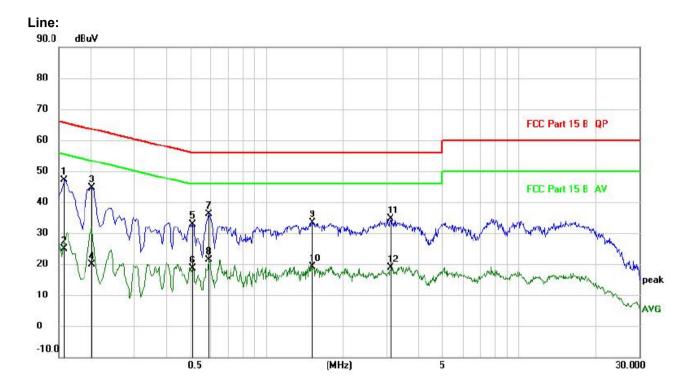


7.2 Conducted Emissions

| | | | | | | |
|-----------------------|--|---------|---|--|--|--|
| Test Requirement: | FCC Part15 C Section 15.207 | | | | | |
| Test Method: | ANSI C63.10:2013 | | | | | |
| Test Frequency Range: | 150KHz to 30MHz | | | | | |
| Class / Severity: | Class B | | | | | |
| Receiver setup: | RBW=9KHz, VBW=30KHz, Sweep time=auto | | | | | |
| Limit: | Limit (dBuV) | | | | | |
| | Frequency range (MHZ) Quasi-peak Average | | | | | |
| | 0.15-0.5 66 to 56* 56 to 46* | | | | | |
| | 0.5-5 56 46 | | | | | |
| | 5-30 60 50 | | | | | |
| | * Decreases with the logarithm | · · · · | | | | |
| Test setup: | Reference Plane | | - | | | |
| | AUX Filter AC power Equipment E.U.T Filter AC power Test table/Insulation plane EMI Receiver | | | | | |
| Test procedure: | The E.U.T and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm/50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refer to the block diagram of the test setup and photographs). Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10 on conducted measurement. | | | | | |
| Test Instruments: | Refer to section 6.0 for details | | | | | |
| Test mode: | Refer to section 5.2 for details | | | | | |
| Test results: | Pass | | | | | |
| | | | | | | |



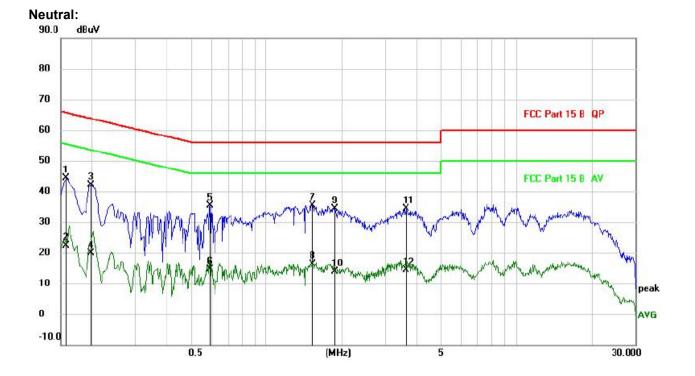
Measurement data:



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure- ment | Limit | Over | | |
|-----|-----|--------|------------------|-------------------|------------------|-------|--------|----------|--------|
| | | MHz | dBuV | | dBuV | dBuV | dB | Detector | Commen |
| 1 | | 0.1580 | 37.59 | 9.51 | 47.10 | 65.57 | -18.47 | QP | |
| 2 | | 0.1580 | 15.46 | 9.51 | 24.97 | 55.57 | -30.60 | AVG | |
| 3 | - | 0.2020 | 35.21 | 9.46 | 44.67 | 63.53 | -18.86 | QP | |
| 4 | | 0.2020 | 10.33 | 9.46 | 19.79 | 53.53 | -33.74 | AVG | |
| 5 | * | 0.5100 | 23.18 | 9.63 | 32.81 | 46.00 | -13.19 | QP | |
| 6 | | 0.5100 | 9.04 | 9.63 | 18.67 | 46.00 | -27.33 | AVG | |
| 7 | | 0.5899 | 26.28 | 9.96 | 36.24 | 56.00 | -19.76 | QP | |
| 8 | | 0.5899 | 11.41 | 9.96 | 21.37 | 46.00 | -24.63 | AVG | |
| 9 | | 1.5140 | 23.77 | 9.58 | 33.35 | 56.00 | -22.65 | QP | |
| 10 | | 1.5140 | 9.50 | 9.58 | 19.08 | 46.00 | -26.92 | AVG | |
| 11 | | 3.0980 | 25.06 | 9.67 | 34.73 | 56.00 | -21.27 | QP | |
| 12 | | 3.0980 | 9.27 | 9.67 | 18.94 | 46.00 | -27.06 | AVG | |



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| No. Mk. | Freq. | Reading Level | Correct Factor | Measure- ment | Limit | Over | | |
|---------|--------|------------------|-------------------|------------------|-------|--------|----------|---------|
| | MHz | dBuV | | dBuV | dBuV | dB | Detector | Comment |
| 1 | 0.1580 | 34.83 | 9.51 | 44.34 | 65.57 | -21.23 | QP | |
| 2 | 0.1580 | 12.93 | 9.51 | 22.44 | 55.57 | -33.13 | AVG | |
| 3 | 0.1980 | 32.74 | 9.46 | 42.20 | 63.69 | -21.49 | QP | |
| 4 | 0.1980 | 10.51 | 9.46 | 19.97 | 53.69 | -33.72 | AVG | |
| 5 | 0.5940 | 25.42 | 9.98 | 35.40 | 56.00 | -20.60 | QP | |
| 6 | 0.5940 | 4.69 | 9.98 | 14.67 | 46.00 | -31.33 | AVG | |
| 7 * | 1.5300 | 25.89 | 9.58 | 35.47 | 56.00 | -20.53 | QP | |
| 8 | 1.5300 | 6.72 | 9.58 | 16.30 | 46.00 | -29.70 | AVG | |
| 9 | 1.8860 | 24.83 | 9.59 | 34.42 | 56.00 | -21.58 | QP | |
| 10 | 1.8860 | 4.35 | 9.59 | 13.94 | 46.00 | -32.06 | AVG | |
| 11 | 3.6100 | 24.70 | 9.70 | 34.40 | 56.00 | -21.60 | QP | |
| 12 | 3.6100 | 4.56 | 9.70 | 14.26 | 46.00 | -31.74 | AVG | |

Notes:

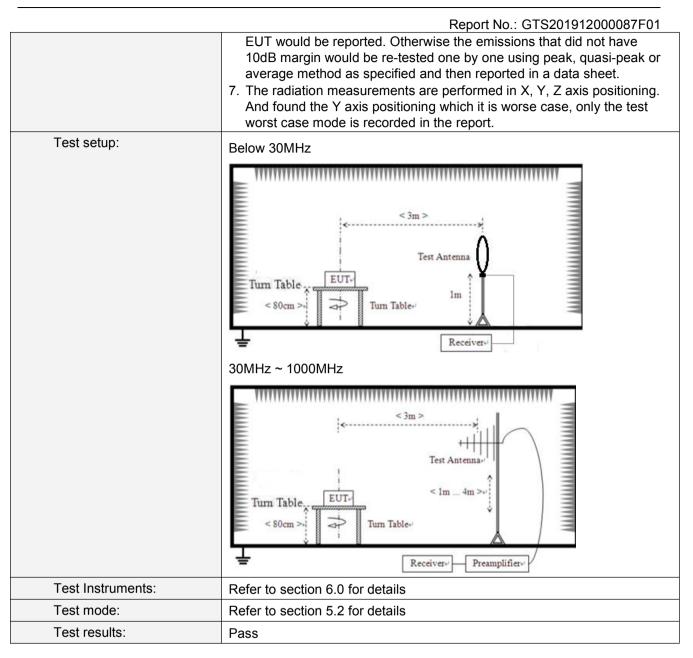
- 1. An initial pre-scan was performed on the line and neutral lines with peak detector.
- 2. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.
- 3. Mesurement Level = Reading level + Correct Factor

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7.3 Spurious Emission

| | Test Requirement: | FCC Part15 C Section 15.209 | | | | | | | | |
|---|--|---|-----------------------------|------------------|-------------------------|-------------------------|--------------------------------------|--|--|--|
| | Test Method: | ANSI C63.10:2013 | | | | | | | | |
| | Test Frequency Range: | 9kHz to 1GHz | | | | | | | | |
| | Test site: | Measurement Distance: 3m | | | | | | | | |
| | Receiver setup: | Frequency Detector RBW VBW Remark | | | | | | | | |
| | | 9kHz- 30MHz | Quasi-pea | | | 30kHz | Quasi-peak Value | | | |
| | | 30MHz-1GHz | Quasi-pea | | | 300kHz | Quasi-peak Value | | | |
| | | Above 1GHz | Peak | | 1MHz | 3MHz | Peak Value | | | |
| | | | AV | | 1MHz | 10Hz | Average Value | | | |
| Remark: For the frequency bands 9-90 kHz, 110-490 kHz a MHz. Radiated emission test in these three bands are base measurements employing an average detector. | | | | | | | | | | |
| | Limit: | Limits for freque | | | | | | | | |
| | (Spurious Emissions) | Frequency | Limit (uV | | Meas | surement ance(m) | Remark | | | |
| | | 0.009-0.490 | 2400/F(k | Hz) | | 300 | Quasi-peak Value | | | |
| | | 0.490-1.705 | 24000/F(k | kHz) | | 30 | Quasi-peak Value | | | |
| | | 1.705-30 | 30 | | | 30 | Quasi-peak Value | | | |
| | | Limits for freque | | | | | | | | |
| | | Frequency | | | | /m @3m) | Remark | | | |
| | | 30MHz-88MHz | | 40.00 43.50 | | | Quasi-peak Value | | | |
| | | 88MHz-216MHz 216MHz-960MHz | | | 43.5 | | Quasi-peak Value Quasi-peak Value | | | |
| | | 960MHz-1GHz | | | 54.00 | | Quasi-peak Value | | | |
| | | | | 54.00 | | | Average Value | | | |
| | | Above 1GHz 74.00 Peak Value | | | | | | | | |
| | | Remark: The emission limits shown in the above table are based on | | | | | | | | |
| | | measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector. | | | | | | | | |
| | Test Procedure: | ground at a 3 i determine the | meter camb position of t | er. Th he hig | ie table v ghest rac | was rotated liation. | 0.8 meters above the 360 degrees to | | | |
| | | tower. | h was moun | ted or | n the top | of a variab | le-height antenna | | | |
| | | The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rota table was turned from 0 degrees to 360 degrees to find the maximum reading. | | | | | | | | |
| | | | | | | | | | | |
| 5. The test-receiver system was set to Peak Detect Function and Sp Bandwidth with Maximum Hold Mode. | | | | | | | | | | |
| | 6. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the | | | | | | | | | |







Measurement data:

Note: Limit dBuV/m @3m = Limit dBuV/m @300m+ 80

Limit dBuV/m @3m = Limit dBuV/m @30m + 40

9 kHz~30 MHz

| Frequency | Meter Reading | Factor | Emission Level | Limits | Margin | |
|-----------|---------------|--------|----------------|----------|--------|---------------|
| (kHz) | (dBµV) | (dB) | (dBµV/m) | (dBµV/m) | (dB) | Detector Type |
| 24.8000 | 39.40 | 20.15 | 59.55 | 139.72 | -80.17 | РК |
| 24.8000 | 36.13 | 20.15 | 56.28 | 119.72 | -63.44 | AV |
| 56.7000 | 50.62 | 20.33 | 70.95 | 132.53 | -61.58 | РК |
| 56.7000 | 46.38 | 20.33 | 66.71 | 112.53 | -45.82 | AV |
| 121.6000 | 68.25 | 20.55 | 88.80 | 125.91 | -37.11 | РК |
| 121.6000 | 63.65 | 20.55 | 84.20 | 105.91 | -21.71 | AV |
| 685.1000 | 31.12 | 20.64 | 51.76 | 70.89 | -19.13 | QP |
| 965.6100 | 35.16 | 21.26 | 56.42 | 67.91 | -11.49 | QP |
| 1222.3300 | 24.65 | 22.32 | 46.97 | 65.86 | -18.89 | QP |

Note:

Pre-scan in the all of mode, the worst case in of was recorded.

Factor = antenna factor + cable loss - pre-amplifier.

Margin = Emission Level- Limit.



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30MHz~1GHz

Horizontal

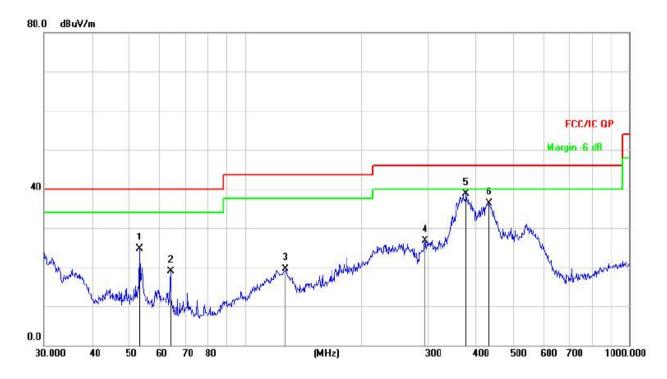


| Mk. | Freq. | Reading Level | Correct Factor | Measure- ment | Limit | Over | |
|-----|----------|--|--|--|--|--|--|
| | MHz | dBuV | dB | dBuV/m | dB/m | dB | Detector |
| | 52.2079 | 27.60 | - <mark>15.08</mark> | 12.52 | 40.00 | -27.48 | QP |
| | 169.0054 | 35.79 | -18.28 | 17.51 | 43.50 | -25.99 | QP |
| | 230.9068 | 39.77 | -15.59 | 24.18 | 46.00 | -21.82 | QP |
| * | 386.6338 | 45.05 | -11.39 | 33.66 | 46.00 | -12.34 | QP |
| | 465.5994 | 33.87 | -9.65 | 24.22 | 46.00 | -21.78 | QP |
| | 562.6624 | 32.46 | -7.39 | 25.07 | 46.00 | -20.93 | QP |
| | * | MHz 52.2079 169.0054 230.9068 | Mk. Freq. Level MHz dBu∨ 52.2079 27.60 169.0054 35.79 230.9068 39.77 * 386.6338 45.05 465.5994 33.87 | Mk. Freq. Level Factor MHz dBuV dB 52.2079 27.60 -15.08 169.0054 35.79 -18.28 230.9068 39.77 -15.59 * 386.6338 45.05 -11.39 465.5994 33.87 -9.65 | Mk. Freq. Level Factor ment MHz dBuV dB dBuV/m 52.2079 27.60 -15.08 12.52 169.0054 35.79 -18.28 17.51 230.9068 39.77 -15.59 24.18 * 386.6338 45.05 -11.39 33.66 465.5994 33.87 -9.65 24.22 | Mk. Freq. Level Factor ment Limit MHz dBuV dB dBuV/m dB/m 52.2079 27.60 -15.08 12.52 40.00 169.0054 35.79 -18.28 17.51 43.50 230.9068 39.77 -15.59 24.18 46.00 * 386.6338 45.05 -11.39 33.66 46.00 | Mk. Freq. Level Factor ment Limit Over MHz dBuV dB dBuV/m dB/m dB 52.2079 27.60 -15.08 12.52 40.00 -27.48 169.0054 35.79 -18.28 17.51 43.50 -25.99 230.9068 39.77 -15.59 24.18 46.00 -21.82 * 386.6338 45.05 -11.39 33.66 46.00 -12.34 465.5994 33.87 -9.65 24.22 46.00 -21.78 |



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Vertical



| No. | Mk | . Freq. | Reading Level | Correct Factor | Measure- ment | Limit | Over | |
|-----|----|----------|------------------|-------------------|------------------|-------|--------|----------|
| | | MHz | dBuV | dB | dBuV/m | dB/m | dB | Detector |
| 1 | | 53.1313 | 39.94 | -15.18 | 24.76 | 40.00 | -15.24 | QP |
| 2 | | 63.9828 | 35.76 | -16.82 | 18.94 | 40.00 | -21.06 | QP |
| 3 |) | 127.6645 | 37.48 | -18.06 | 19.42 | 43.50 | -24.08 | QP |
| 4 | | 294.1137 | 40.47 | -13.78 | 26.69 | 46.00 | -19.31 | QP |
| 5 | * | 375.9385 | 50.32 | -11.64 | 38.68 | 46.00 | -7.32 | QP |
| 6 | | 432.5457 | 46.66 | -10.36 | 36.30 | 46.00 | -9.70 | QP |

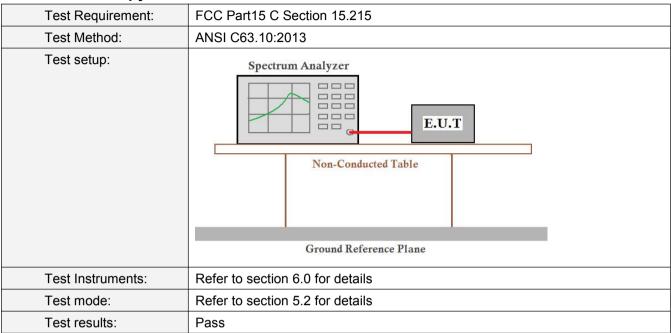
Note:

Pre-scan in the all of mode, the worst case in of was recorded.

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

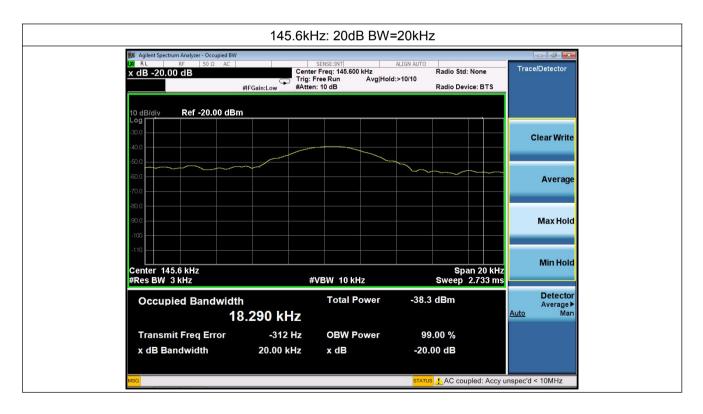
Margin = Emission Level- Limit.





7.4 20dB Occupy Bandwidth

Measurement Data





8 Test Setup Photo

Reference to the **appendix I** for details.

9 EUT Constructional Details

Reference to the **appendix II** for details.

-----End-----