

Amber Helm Development L.C.

92723 Michigan Hwy-152

Sister Lakes, Michigan 49047 USA

Tel: 888-847-8027

EMC Test Report

SCHTP-WR1809TX

Issued: December 27, 2018

regarding

USA: CFR Title 47, Part 15.231 (Emissions)

Canada: ISED RSS-210v9/GENv5 (Emissions)

for



AG3PD4

Category: TPMS Transmitter

Judgements:

15.231/RSS-210v9 Compliant Transmitter

Testing Completed: December 21, 2018



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Revision History

| Rev. No. | Date | Details | Revised By |
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1 Test Report Scope and Limitations

1.1 Laboratory Authorization

Test Facility description and attenuation characteristics are on file with the FCC Laboratory, Columbia, Maryland (FCC Reg. No: US5348 and US5356) and with ISED Canada, Ottawa, ON (File Ref. No: 3161A and 24249). Amber Helm Development L.C. holds accreditation under NVLAP Lab Code 200129-0.

1.2 Report Retention

For equipment verified to comply with the regulations herein, the manufacturer is obliged to retain this report with the product records for the life of the product, and no less than ten years. A copy of this Report will remain on file with this laboratory until December 2028.

1.3 Subcontracted Testing

This report does not contain data produced under subcontract.

1.4 Test Data

This test report contains data included within the laboratories scope of accreditation.

1.5 Limitation of Results

The test results contained in this report relate only to the item(s) tested. Any electrical or mechanical modification made to the test item subsequent to the test date shall invalidate the data presented in this report. Any electrical or mechanical modification made to the test item subsequent to this test date shall require reevaluation.

1.6 Copyright

This report shall not be reproduced, except in full, without the written approval of Amber Helm Development L.C..

1.7 Endorsements

This report shall not be used to claim product endorsement by any accrediting, regulatory, or governmental agency.

1.8 Test Location

The EUT was fully tested by **Amber Helm Development L.C.**, headquartered at 92723 Michigan Hwy-152, Sister Lakes, Michigan 49047 USA. Table 1 lists all sites employed herein. Specific test sites utilized are also listed in the test results sections of this report where needed.

Table 1: Test Site List.

| Description | Location | Quality Num. |
|----------------|---|--------------|
| OATS (3 meter) | 3615 E Grand River Rd., Williamston, Michigan 48895 | OATSC |

1.9 Traceability and Equipment Used

Pertinent test equipment used for measurements at this facility is listed in Table 2. The quality system employed at Amber Helm Development L.C. has been established to ensure all equipment has a clearly identifiable classification, calibration expiry date, and that all calibrations are traceable to the SI through NIST, other recognized national laboratories, accepted fundamental or natural physical constants, ratio type of calibration, or by comparison to consensus standards.

Table 2: Equipment List.

| Description | Manufacturer/Model | SN | Quality Num. | Last Cal By / Date Due |
|----------------------|-------------------------|-----------|---------------|------------------------|
| Biconical | EMCO / 93110B | 9802-3039 | BICEMCO01 | Keysight / Aug-2019 |
| Log Periodic Antenna | EMCO / 3146 | 9305-3614 | LOGEMCO01 | Keysight / Aug-2019 |
| BNC-BNC Coax | WRTL / RG58/U | 001 | CAB001-BLACK | AHD / Mar-2019 |
| BNC-BNC Coax | WRTL / RG58/U | 001 | CAB002-BLACK | AHD / Mar-2019 |
| 3.5-3.5MM Coax | PhaseFlex / PhaseFlex | 001 | CAB015-PURPLE | AHD / Mar-2019 |
| Spectrum Analyzer | Rohde & Schwarz / FSV30 | 101660 | RSFSV30001 | RS / Apr-2019 |
| Quad Ridge Horn | Singer / A6100 | C35200 | HQR1TO18S01 | Keysight / Aug-2019 |

2 Test Specifications and Procedures

2.1 Test Specification and General Procedures

The ultimate goal of Schrader Electronics is to demonstrate that the Equipment Under Test (EUT) complies with the Rules and/or Directives below. Detailed in this report are the results of testing the Schrader Electronics AG3PD4 for compliance to:

| Country/Region | Rules or Directive | Referenced Section(s) |
|----------------|-----------------------------|---------------------------|
| United States | Code of Federal Regulations | CFR Title 47, Part 15.231 |
| Canada | ISED Canada | ISED RSS-210v9/GENv5 |

It has been determined that the equipment under test is subject to the rules and directives above at the date of this testing. In conjunction with these rules and directives, the following specifications and procedures are followed herein to demonstrate compliance (in whole or in part) with these regulations.

| | |
|------------------|--|
| ANSI C63.4:2014 | "Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz" |
| ANSI C63.10:2013 | "American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices" |
| TP0102RA | "AHD Internal Document TP0102 - Radiated Emissions Test Procedure" |
| ISED Canada | "The Measurement of Occupied Bandwidth" |

3 Configuration and Identification of the Equipment Under Test

3.1 Description and Declarations

The equipment under test is a UHF transmitter for automotive tire pressure monitoring. The EUT is approximately XX x YY x ZZ cm in dimension, and is depicted in Figure 1. It is powered by 3 VDC Lithium cell battery. In use, this device is permanently installed in the tire of a motor vehicle. Table 3 outlines provider declared EUT specifications.



Figure 1: Photos of EUT.

Table 3: EUT Declarations.

General Declarations

| | | | |
|---------------------|------------------|---------------------|--------------------|
| Equipment Type: | TPMS Transmitter | Country of Origin: | United Kingdom |
| Nominal Supply: | 3 VDC | Oper. Temp Range: | Not Declared |
| Frequency Range: | 433.92 MHz | Antenna Dimension: | Not Declared |
| Antenna Type: | Valve Stem | Antenna Gain: | -26 dBi (declared) |
| Number of Channels: | 1 | Channel Spacing: | Not Applicable |
| Alignment Range: | Not Declared | Type of Modulation: | ASK |

United States

| | | | |
|----------------|-----------|-----------------|-----|
| FCC ID Number: | MRXAG3PD4 | Classification: | DSC |
|----------------|-----------|-----------------|-----|

Canada

| | | | |
|------------|--------------|-----------------|---|
| IC Number: | 2546A-AG3PD4 | Classification: | Remote Control Device, Vehicular Device |
|------------|--------------|-----------------|---|

3.1.1 EUT Configuration

The EUT is configured for testing as depicted in Figure 2.

3.1.2 Modes of Operation

This device is capable of three key modes of operation. Upon manually activated LF interrogation (through the use of special LF tool at a vehicle dealership), the EUT responds with a single transmission containing a number of frames

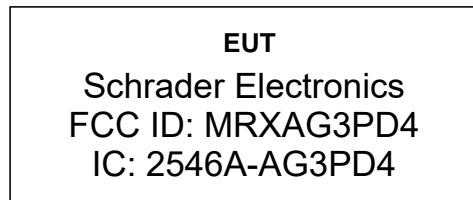


Figure 2: EUT Test Configuration Diagram.

used to configure the device with the vehicle. When the EUT is placed in the vehicle tire and the vehicle drives, it can, in the worst case, periodically transmit where the duration of each transmission is always less than 1 second and the silent period between transmissions is at least 30 times the duration of the transmission, and never less than 10 seconds. (See duty cycle table and operational description exhibit for details.) In the case of an emergency condition (delta Pressure), the EUT will transmit tire pressure and temperature information throughout the duration of the condition.

3.1.3 Variants

There is only a single variant of the EUT, as tested.

3.1.4 Test Samples

Four samples in total were provided; three normal operating and one un-potted for photos. The normal operating samples were tested for LF activation response using an LF diagnostic tool provided by the manufacturer, where shaken to activate normal drive mode, and were placed into CW mode via a manufacturer LF tool.

3.1.5 Functional Exerciser

Normal operating EUT functionality was verified by observation of transmitted signal.

3.1.6 Modifications Made

There were no modifications made to the EUT by this laboratory.

3.1.7 Production Intent

The EUT appears to be a production ready sample.

3.1.8 Declared Exemptions and Additional Product Notes

The EUT is permanently installed in a transportation vehicle. As such, digital emissions are exempt from US and Canadian digital emissions regulations (per FCC 15.103(a) and IC correspondence on ICES-003).

The EUT also employs some modes of operation that alert the vehicle user of sudden changes in tire pressure. Such alert modes fall under FCC 15.231(a)(4), and may operate during the pendency of the alarm condition and do not require further testing. A detailed list of all operating modes is included in the Description of Operation exhibit included in this application.

4 Emissions

4.1 General Test Procedures

4.1.1 Radiated Test Setup and Procedures

Radiated electromagnetic emissions from the EUT are first pre-scanned in our screen room. Spectrum and modulation characteristics of all emissions are recorded. Instrumentation, including spectrum analyzers and other test equipment as detailed in Section 1.8 are employed. After pre-scan, emission measurements are made on the test site of record. If the EUT connects to auxiliary equipment and is table or floor standing, the configurations prescribed in relevant test standards are followed. Alternatively, a layout closest to normal use (as declared by the provider) is employed if the resulting emissions appear to be worst-case in such a configuration. See Figure 3. All intentionally radiating elements that are not fixed-mounted in use are placed on the test table lying flat, on their side, and on their end (3-axes) and the resulting worst case emissions are recorded. If the EUT is fixed-mounted in use, measurements are made with the device oriented in the manner consistent with installation and then emissions are recorded. If the EUT exhibits spurious emissions due to internal receiver circuitry, such emissions are measured with an appropriate carrier signal applied.

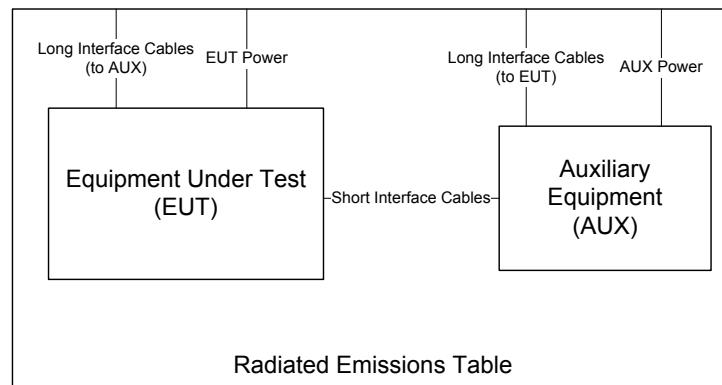


Figure 3: Radiated Emissions Diagram of the EUT.

For devices with intentional emissions below 30 MHz, a shielded loop antenna and/or E-field and H-Field broadband probes are used depending on the regulations. Shielded loops are placed at a 1 meter receive height at the desired measurement distance. For exposure in this band, the broadband probes employed are 10cm diameter single-axis shielded transducers and measurements are repeated and summed over three axes.

Emissions between 30 MHz and 1 GHz are measured using calibrated broadband antennas. For both horizontal and vertical polarizations, the test antenna is raised and lowered from 1 to 4 m in height until a maximum emission level is detected. The EUT is then rotated through 360° in azimuth until the highest emission is detected. The test antenna is then raised and lowered one last time from 1 to 4 m and the worst case value is recorded. Emissions above 1 GHz are characterized using standard gain or broadband ridge-horn antennas on our OATS with a 4 × 5 m rectangle of ECCOSORB absorber covering the OATS ground screen and a 1.5m table height. Care is taken to ensure that test receiver resolution and video bandwidths meet the regulatory requirements, and that the emission bandwidth of the EUT is not reduced. Photographs of the test setup employed are depicted in Figure 4.

Where regulations allow for direct measurement of field strength, power values (dBm) measured on the test receiver / analyzer are converted to dB μ V/m at the regulatory distance, using

$$E_{dist} = 107 + P_R + K_A - K_G + K_E - C_F$$

where P_R is the power recorded on spectrum analyzer, in dBm, K_A is the test antenna factor in dB/m, K_G is the combined pre-amplifier gain and cable loss in dB, K_E is duty correction factor (when applicable) in dB, and C_F is a distance conversion (employed only if limits are specified at alternate distance) in dB. This field strength value is then compared with the regulatory limit. If effective isotropic radiated power (EIRP) is computed, it is computed as

$$EIRP(dBm) = E_{3m}(dB\mu V/m) - 95.2.$$

When presenting data at each frequency, the highest measured emission under all possible EUT orientations (3-axes) is reported.

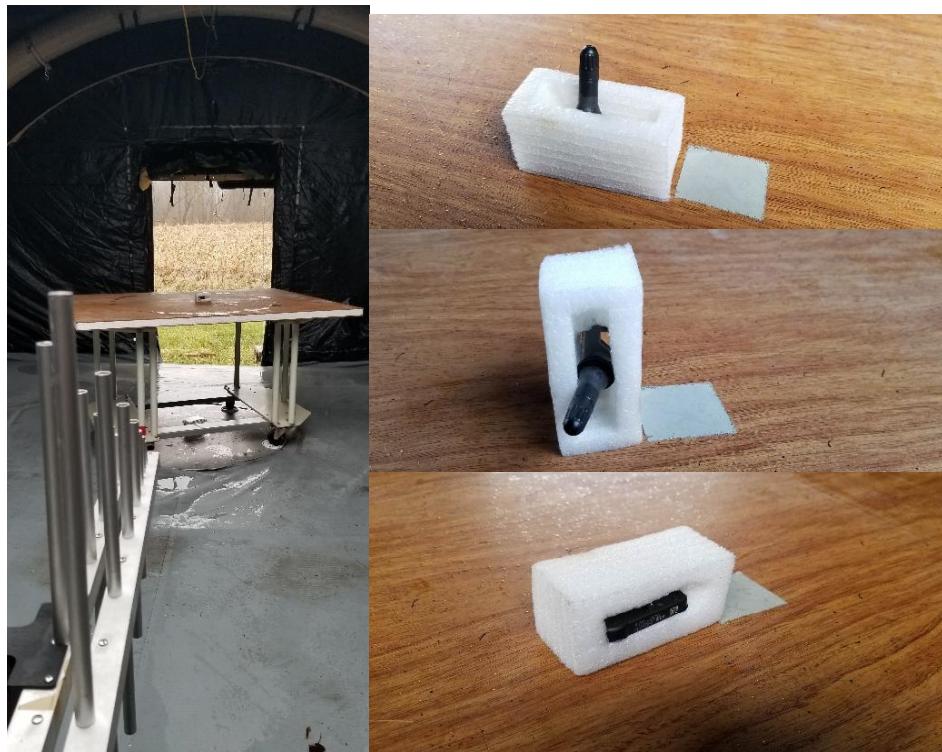


Figure 4: Radiated Emissions Test Setup Photograph(s).

4.1.2 Conducted Emissions Test Setup and Procedures

Battery Power Conducted Spurious The EUT is not subject to measurement of power line conducted emissions as it is powered solely by its internal battery.

4.1.3 Power Supply Variation

Tests at extreme supply voltages are made if required by the the procedures specified in the test standard, and results of this testing are detailed in this report.

In the case the EUT is designed for operation from a battery power source, the extreme test voltages are evaluated over the range specified in the test standard; no less than $\pm 10\%$ of the nominal battery voltage declared by the manufacturer. For all battery operated equipment, worst case intentional and spurious emissions are re-checked employing a new (fully charged) battery.

4.2 Intentional Emissions

4.2.1 Fundamental Emission Pulsed Operation

Test Setup & Procedure The test equipment and facilities were setup in accordance with the standards and procedures listed in Section 2.1. Environmental conditions were set at the appropriate temperature and thermal balance was checked with a thermocouple based probe. Duty cycle is reported for all relevant modes of operation. The test equipment employed includes RSFSV30001, LOGEMCO01.

Measurement Results The details and results of testing the EUT are summarized in Table 4. Plots showing the measurements made to obtain these values are provided in Figure 5.

Table 4: Fundamental Emission Pulsed Operation.

| Detector Pk | Span 0 | IF Bandwidth 3 MHz | Video Bandwidth 10 MHz | | | | Test Date: 21-Dec-18 | Test Engineer: Joseph Brunett | EUT: Schrader AG3PD4 | EUT Mode: Modulated | Meas. Distance: 10 cm | | | | |
|----------------|--------------------|---------------------------------------|----------------------------------|--------------------------|---------------------------------------|---------------------------|---------------------------|---|-------------------------|------------------------|--------------------------|--|--|--|--|
| | | | | | | | | | | | | | | | |
| FCC/IC | | | | | | | | | | | | | | | |
| # | Frequency (MHz) | EUT Test Mode* | Min. Repetition Rate (sec) | Max. No. of Frames | Total Transmission Length (sec) | Max. Frame Length (ms) | Min. Frame Period (ms) | Internal Frame Characteristics | | Computed Duty Cycle | | | | | |
| 1 | 433.92 | Drive Mode (see Figure 5(b)) | 43.7 | 6 | 0.689 | 28.500 | 115.0 | In Drive (Roll) mode the EUT transmits 6 ASK frames every 43.7 seconds, with 115ms minimum inter-frame spacing. Only a single 28.5ms ASK frame occurs in a 100 ms window with 0.120 ms / 0.238 ms duty. | | 14.4 | -16.9 | | | | |
| 2 | 433.92 | LF Manual Activated (see Figure 5(a)) | single | 16 | 2.02 | 28.300 | 112.0 | When manually activated by LF service tool, the EUT transmits 16 ASK frames in 2.02 seconds. Only a single 28.3 ms ASK frame may occur in a given 100ms window with .121 ms / 0.239 ms duty. | | 13.8 | -17.2 | | | | |

Example Calculation: Worst Case Duty (%) = $(28.5 \text{ ms} \times (0.120 \text{ ms} / 0.238 \text{ ms}) / 100 \text{ ms}) \times 100 = 14.4 \% = -16.9 \text{ dB Field Strength Duty}$

MANUAL ACTIVATED LF RESPONSE

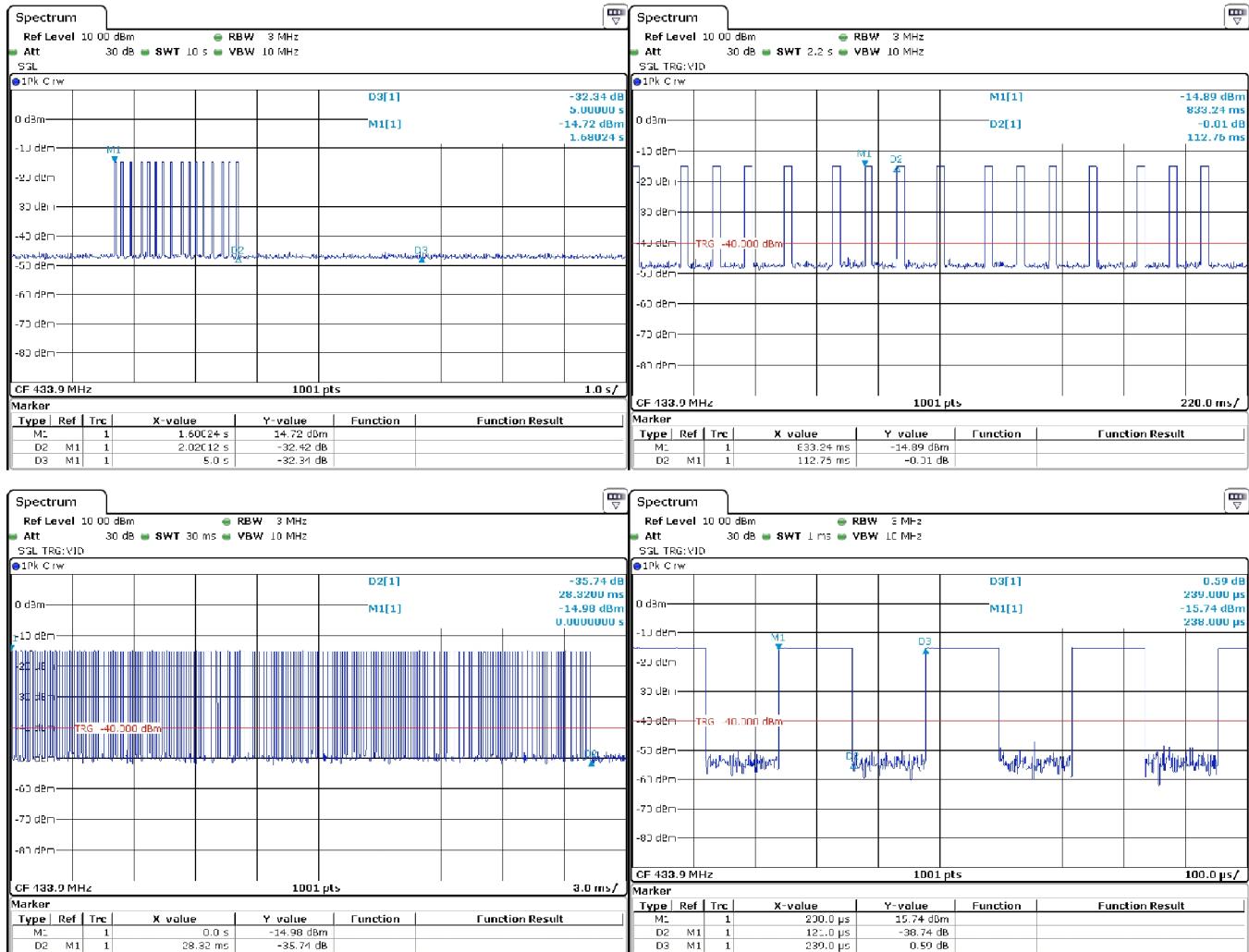


Figure 5(a): Fundamental Emission Pulsed Operation.

PERIODIC TRANSMISSION WITH DRIVE (ROLL) MODE

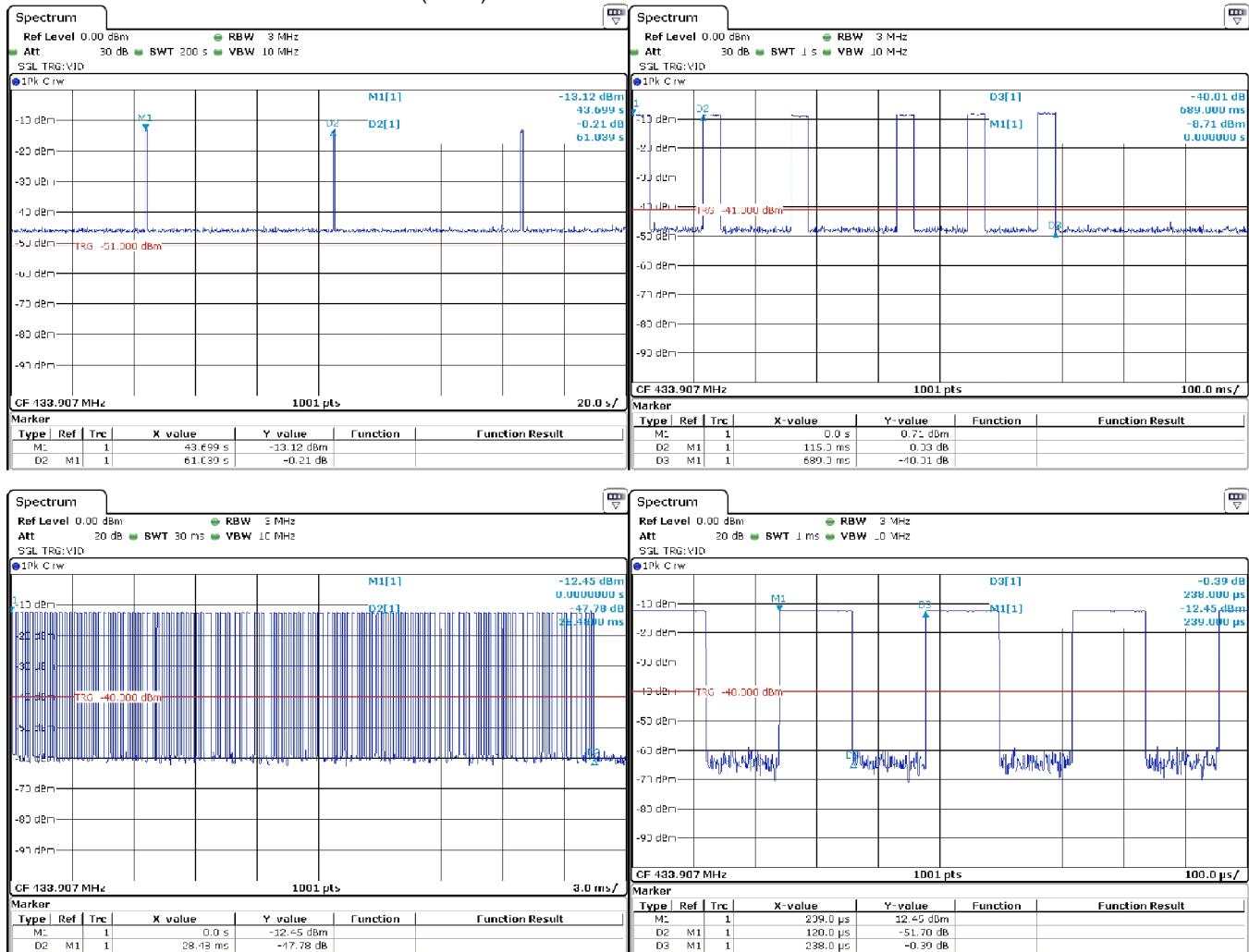


Figure 5(b): Fundamental Emission Pulsed Operation.

4.2.2 Fundamental Emission Bandwidth

Test Setup & Procedure The test equipment and facilities were setup in accordance with the standards and procedures listed in Section 2.1. Environmental conditions were set at the appropriate temperature and thermal balance was checked with a thermocouple based probe. Emission bandwidth (EBW) of the EUT is measured with the device placed in the test mode(s) with the shortest available frame length and minimum frame spacing. The 20 dB EBW is measured as the max-held peak-detected signal when the IF bandwidth is greater than or equal to 1% of the receiver span. For complex modulations other than ASK and FSK, the 99% emission bandwidth per IC test procedures has a different result, and is also reported. The test equipment employed includes RSFSV30001, LOGEMCO01.

Measurement Results The details and results of testing the EUT are summarized in Table 5. Plots showing the measurements made to obtain these values are provided in Figure 6.

Table 5: Fundamental Emission Bandwidth.

| Detector | IF Bandwidth | Video Bandwidth | Test Date: | 21-Dec-18 |
|----------|--------------|-----------------|-----------------|-----------------|
| Pk | 10 kHz | 30 kHz | Test Engineer: | Joseph Brunett |
| | | | EUT: | Schrader AG3PD4 |
| | | | EUT Mode: | Normal |
| | | | Meas. Distance: | 10 cm |

| FCC/IC | | | | | |
|--------|------------|------------------------|-----------------|-----------------|---------------|
| # | Modulation | Center Frequency (MHz) | 20 dB EBW (MHz) | EBW Limit (MHz) | 99% OBW (MHz) |
| 1 | ASK | 433.92 | 0.056 | 1.0848 | 0.630 |
| 2 | | | | | |

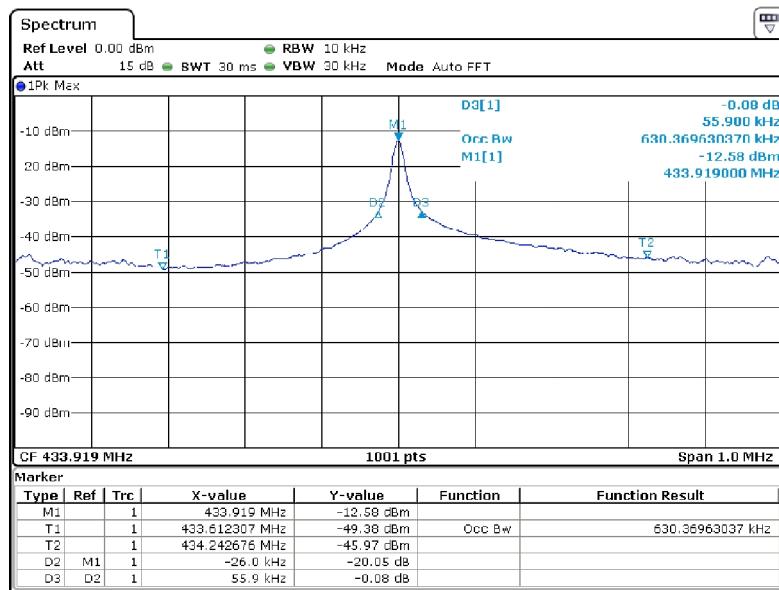


Figure 6: Fundamental Emission Bandwidth.

4.2.3 Fundamental Emission Field Strength

Test Setup & Procedure The test equipment and facilities were setup in accordance with the standards and procedures listed in Section 2.1. Environmental conditions were set at the appropriate temperature and thermal balance was checked with a thermocouple based probe. Fundamental emissions are measured at the regulatory distance on our OATS. The test equipment employed includes RSFSV30001, LOGEMCO01.

Measurement Results The details and results of testing the EUT are summarized in Table 6.

Table 6: Fundamental Emission Field Strength.

| Frequency Range | | Det | IF Bandwidth | | Video Bandwidth | | | Test Date: | | 21-Dec-18 | | | |
|--------------------|-----------|-----------|--------------|-----------------|-----------------|---------|-------|---------------------|-----------------------|---------------------------------|----------------------------------|------------|----------|
| 25 MHz f 1 000 MHz | | Pk/QPk | 120 kHz | | 300 kHz | | | Test Engineer: | | Joseph Brunett | | | |
| # | Freq. MHz | Ant. Used | Ant. Pol. | Table Azim. deg | Ant Height m | Ka dB/m | Kg dB | E3(Pk) dB μ V/m | E3(Avg)* dB μ V/m | FCC/IC E3(Pk) Lim. dB μ V/m | FCC/IC E3(Avg) Lim. dB μ V/m | Pass dB | Comments |
| 1 | | | | | | | | | | | | | |
| 2 | 433.9 | LOGEMCO01 | H | 90.0 | 1.0 | 16.3 | -1.5 | 81.0 | 64.1 | 92.8 | 72.8 | 8.7 | flat |
| 3 | 433.9 | LOGEMCO01 | V | .0 | 1.3 | 16.3 | -1.5 | 79.0 | 62.1 | 92.8 | 72.8 | 10.7 | end |
| 4 | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | |

*Avg data computed from Peak Measured Data and EUT Duty Cycle. EUT in CW mode.

4.3 Unintentional Emissions

4.3.1 Transmit Chain Spurious Emissions

Test Setup & Procedure The test equipment and facilities were setup in accordance with the standards and procedures listed in Section 2.1. Environmental conditions were set at the appropriate temperature and thermal balance was checked with a thermocouple based probe. Spurious radiated emissions measurements are performed to 10 times the highest fundamental operating frequency. The test equipment employed includes RSFSV30001, LOGEMCO01, HQR2TO18S01.

Measurement Results The details and results of testing the EUT are summarized in Table 7.

Table 7: Transmit Chain Spurious Emissions.

| Frequency Range | Det | IF Bandwidth | Video Bandwidth | Test Date: | 21-Dec-18 |
|--------------------|--------|--------------|-----------------|-----------------|-----------------|
| 25 MHz f 1 000 MHz | Pk/QPk | 120 kHz | 300 kHz | Test Engineer: | Joseph Brunett |
| f > 1 000 MHz | Pk | 1 MHz | 3 MHz | EUT: | Schrader AG3PD4 |
| f > 1 000 MHz | Avg | 1 MHz | 10kHz | EUT Mode: | CW |
| | | | | Meas. Distance: | 3 meters |

| Transmitter Unintentional Spurious Emissions | | | | | | | | | | | FCC/IC | | |
|--|--------------|--------------|--------------|--------------------|-----------------|------------|----------|------------------------|--------------------------|-----------------------------------|------------------------------------|------------|----------------|
| # | Freq. MHz | Ant. Used | Ant. Pol. | Table Azim. deg | Ant Height m | Ka dB/m | Kg dB | E3(Pk) dB μ V/m | E3(Avg)* dB μ V/m | FCC/IC E3lim (Pk) dB μ V/m | FCC/IC E3lim (Avg) dB μ V/m | Pass dB | Comments |
| 1 | | | | | | | | | | | | | |
| 2 | 867.8 | LOGEMCO01 | H | 90.0 | 1.10 | 22.2 | -2.8 | 54.4 | 42.4 | 74.0 | 54.0 | 11.6 | flat |
| 3 | 867.8 | LOGEMCO01 | V | .0 | 1.20 | 22.2 | -6.9 | 51.8 | 39.8 | 74.0 | 54.0 | 14.2 | end |
| 4 | 1301.8 | HQRITO18S01 | H/V | max all | 1.50 | 32.4 | -3.5 | 41.2 | 29.2 | 74.0 | 54.0 | 24.8 | max all, noise |
| 5 | 1735.7 | HQRITO18S01 | H/V | max all | 1.50 | 30.4 | -4.2 | 51.7 | 39.7 | 74.0 | 54.0 | 14.3 | max all |
| 6 | 2169.6 | HQRITO18S01 | H/V | max all | 1.50 | 29.8 | -4.8 | 49.2 | 37.2 | 74.0 | 54.0 | 16.8 | max all |
| 7 | 2603.5 | HQRITO18S01 | H/V | max all | 1.50 | 30.1 | -5.3 | 47.7 | 35.7 | 74.0 | 54.0 | 18.3 | max all, noise |
| 8 | 3037.4 | HQRITO18S01 | H/V | max all | 1.50 | 30.7 | -5.7 | 56.7 | 44.7 | 74.0 | 54.0 | 9.3 | max all |
| 9 | 3471.4 | HQRITO18S01 | H/V | max all | 1.50 | 31.3 | -6.1 | 42.9 | 30.9 | 74.0 | 54.0 | 23.1 | max all, noise |
| 10 | 3905.3 | HQRITO18S01 | H/V | max all | 1.50 | 31.8 | -6.4 | 42.2 | 30.2 | 74.0 | 54.0 | 23.8 | max all, noise |
| 11 | 4339.2 | HQRITO18S01 | H/V | max all | 1.50 | 32.1 | -6.7 | 41.2 | 29.2 | 74.0 | 54.0 | 24.8 | max all, noise |
| 12 | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | |

*Avg data computed from Peak Measured Data and EUT Duty Cycle. EUT in CW mode.

5 Measurement Uncertainty and Accreditation Documents

The maximum values of measurement uncertainty for the laboratory test equipment and facilities associated with each test are given in the table below. This uncertainty is computed for a 95.45% confidence level based on a coverage factor of $k = 2$.

Table 8: Measurement Uncertainty.

| Measured Parameter | Measurement Uncertainty [†] |
|--|--|
| Radio Frequency Conducted Emm. Amplitude | $\pm(f_{Mkr}/10^7 + RBW/10 + (SPN/(PTS - 1))/2 + 1 \text{ Hz})$ $\pm1.9 \text{ dB}$ |
| Radiated Emm. Amplitude (30 – 200 MHz) | $\pm4.0 \text{ dB}$ |
| Radiated Emm. Amplitude (200 – 1000 MHz) | $\pm5.2 \text{ dB}$ |
| Radiated Emm. Amplitude ($f > 1000 \text{ MHz}$) | $\pm3.7 \text{ dB}$ |

[†]Ref: CISPR 16-4-2:2011+A1:2014



FEDERAL COMMUNICATIONS COMMISSION
Laboratory Division
7435 Oakland Mills Road
Columbia, MD 21046

July 06, 2018

National Voluntary Laboratory Accreditation Program
100 Bureau Drive
Gaithersburg, MD 20899-2140

Attention: Timothy Rasinski
Re: Accreditation of AHD (Amber Helm Development, L.C.)
Designation Number: US3348
Test Firm Registration #: 639064

Dear Sir or Madam:

We have been notified by National Voluntary Laboratory Accreditation Program that AHD (Amber Helm Development, L.C.) has been accredited as a testing laboratory.

At this time AHD (Amber Helm Development, L.C.) is hereby recognized to perform compliance testing on equipment subject to Declaration Of Conformity (DOC) and Certification of the Commission's Rules.

This recognition will expire upon expiration of the accreditation or notification of withdrawal of recognition. Any questions about this recognition should be submitted as an inquiry to the FCC Knowledge Database at www.fcc.gov/kdb.

Sincerely,

George Tammill
Electronics Engineer



Figure 7: Accreditation Documents