TEST REPORT

Report No.: 15010579HKG-001

CEI Conrad Electronic International (HK) Limited

Application
For
Certification
(Original Grant)
(FCC ID: 2AARVRCE-NOVAX350)

Transceiver

Prepared and Checked by:

Signed On File
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Engineer

Approved by:

Digitally signed by Kenneth Wong
Location: Intertek Testing Services Hong Kong Ltd.

Wong Kwok Yeung, Kenneth
Lead Engineer
Date: July 27, 2015

GENERAL INFORMATION

Grantee:	CEI Conrad Electronic International (HK) Limited
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Manufacturer:	Yongden Technology Corp.
Manufacturer Address:	345 MacArthur Highway Tabang, Guiguinto, Bulacan,Philippines.
Brand Name:	RC Logger
Model:	88012RC
Type of EUT:	Transceiver
Description of EUT:	RC EYE NovaX 350
Serial Number:	N/A
FCC ID :	2AARVRCE-NOVAX350
Date of Sample Submitted:	Jan 15, 2015
Date of Test:	Jan 15, 2015 to May 21, 2015
Report No.:	15010579HKG-001
Report Date:	July 27, 2015
Environmental Conditions:	Temperature: +10 to 40°C Humidity: 10 to 90%

SUMMARY OF TEST RESULT

TEST SPECIFICATION	REFERENCE	RESULTS
Radiated Emission Radiated Emission on the Bandedge	15.209, 15.249	Pass

The equipment under test is found to be complying with the following standards:
FCC Part 15, October 1, 2014 Edition

Note: 1. The EUT uses a permanently attached antenna which, in accordance to section 15.203, is considered sufficient to comply with the pervisions of this section.
2. Pursuant to FCC part 15 Section 15.215(c), the 20 dB bandwidth of the emission was contained within the frequency band designated (mentioned as above) which the EUT operated. The effects, if any, from frequency sweeping, frequency hopping, other modulation techniques and frequency stability over excepted variations in temperature and supply voltage were considered.

Table of Contents

1.0 General Description

1.1 Product Description

The Equipment Under Test (EUT) is a Bluetooth 4.0 transceiver for a helicopter which operates in the frequency range 2402MHz to 2480MHz (40 channels with 2 MHz spacing). The EUT is powered by 1 x 11.1V Rechargeable battery.

There are two RF Modules into the Helicopter, one is embedded Bluetooth and other one is a plug in transceiver of RF2.4GHz respectively. The function of Bluetooth is for calibration. The EUT can be connected to the Smartphone via Bluetooth to finish the calibration procedure. Then the helicopter can enter into the other RF2.4GHz function part for normal controlling. When powering on the helicopter, the LED (red color) on the plane will be lighted. It can be controlled in flying forward, turning left and right by corresponding Controller. The helicopter can also be connected to the PC for data transfer function such as upgrading firmware.

Regarding the plug in RF2.4GHz module portion, which had been certified and granted (FCC ID: N4ZFLYSKYIA6B).

Antenna Type: Internal, Integral

For electronic filing, the brief circuit description is saved with filename: descri.pdf.

1.2 Related Submittal(s) Grants

This is a single application for certification of a transceiver.

The transceiver (i.e. plug in 2.4GHz) for this transceiver (i.e. BT portion) (with FCC ID: FCC ID: N4ZFLYSKYIA6B) has been authorized by Certification procedure.

The transceiver (i.e. Corresponding Controller) for this transceiver (i.e. BT portion) (with FCC ID: N4ZFLYSKYI6) has been authorized by Certification procedure.

1.3 Test Methodology

Radiated emission measurements were performed according to the procedures in ANSI C63.4 (2009). All radiated measurements were performed in an 3m Chamber. Preliminary scans were performed in the 3m Chamber only to determine worst case modes. All radiated tests were performed at an antenna to EUT distance of 3 meters, unless stated otherwise in the **"Justification Section"** of this Application.

1.4 Test Facility

The 3m Chamber and conducted measurement facility used to collect the radiated data is located at Workshop No. 3, G/F., World-Wide Industrial Centre, 43-47 Shan Mei Street, Fo Tan, Sha Tin, N.T., Hong Kong. This test facility and site measurement data have been placed on file with the FCC.

2.0 System Test Configuration

2.1 Justification

The system was configured for testing in a typical fashion (as a customer would normally use it), and in the confines as outlined in ANSI C63.10 (2009).

The device was powered by new 11.1 VDC (1 x 11.1VDC Rechargeable LiPo Battery).

For maximizing emissions, the EUT was rotated through 360°, the antenna height was varied from 1 meter to 4 meters above the ground plane, and the antenna polarization was changed. This step by step procedure for maximizing emissions led to the data reported in Exhibit 3.0.

The unit was operated standalone and placed in the center of the turntable.

The equipment under test (EUT) was configured for testing in a typical fashion (as a customer would normally use it). The EUT was mounted to a plastic stand if necessary and placed on the wooden turntable, which enabled the engineer to maximize emissions through its placement in the three orthogonal axes.

The simultaneous transmission of both plug in RF2.4GHz portion and Bluetooth portion into the helicopter were checked. There is no new emission was observed during the simultaneous transmission. The data in this report represented the worst-case.

2.2 EUT Exercising Software

There was no special software to exercise the device. Once the unit is powered up, it transmits the RF signal continuously.

2.3 Special Accessories

There are no special accessories necessary for compliance of this product.

2.4 Measurement Uncertainty

When determining of the test conclusion, the Measurement Uncertainty of test has been considered.

Uncertainty and Compliance - Unless the standard specifically states that measured values are to be extended by the measurement uncertainty in determining compliance, all compliance determinations are based on the actual measured value.

2.5 Support Equipment List and Description

N/A

3.0 Emission Results

Data is included of the worst case configuration (the configuration which resulted in the highest emission levels). A sample calculation, configuration photographs and data tables of the emissions are included.

3.1 Field Strength Calculation

The field strength is calculated by adding the Antenna Factor and Cable Factor, and subtracting the Amplifier Gain (if any), Average Factor (optional) from the measured reading. The basic equation with a sample calculation is as follows:

FS = RA + AF + CF - AG - AV

where FS = Field Strength in dBµV/m
RA = Receiver Amplitude (including preamplifier) in dBµV
CF = Cable Attenuation Factor in dB
AF = Antenna Factor in dB
AG = Amplifier Gain in dB
AV = Average Factor in dB

In the following table(s), the reading shown on the data table reflects the preamplifier gain. An example for the calculations in the following table is as follows:

FS = RR + LF

where FS = Field Strength in dBµV/m
RR = RA - AG - AV in dBµV
LF = CF + AF in dB

Assume a receiver reading of 52.0 dBµV is obtained. The antenna factor of 7.4 dB and cable factor of 1.6 dB are added. The amplifier gain of 29 dB and average factor of 5 dB are subtracted, giving a field strength of 27 dBµV/m. This value in dBµV/m was converted to its corresponding level in µV/m.

RA = 52.0 dBµV/m
AF = 7.4 dB
CF = 1.6 dB
AG = 29.0 dB
AV = 5.0 dB
RR = 18.0 dBµV
LF = 9.0 dB
FS = RR + LF
FS = 18 + 9 = 27 dBµV/m

Level in µV/m = Common Antilogarithm [(27 dBµV/m)/20] = 22.4 µV/m

3.2 Radiated Emission Configuration Photograph

The worst case in radiated emission was found at 272.110 MHz

For electronic filing, the worst case radiated emission configuration photographs are saved with filename: radiated photos.pdf.

3.3 Radiated Emission Data

The data on the following page lists the significant emission frequencies, the limit and the margin of compliance. Numbers with a minus sign are below the limit.

Judgment: Passed by 0.9 dB

3.4 Conducted Emission Configuration Photograph

N/A

3.5 Conducted Emission Data

N/A

Applicant: CEI Conrad Electronic International (HK) Limited Date of Test: May 21, 2015
Model: 88012RC
Worst-Case Operating Mode: Transmitting

Table 1
Radiated Emissions
Pursuant to FCC Part 15 Section 15.249 Requirement

Lowest Channel

Polari-zation	Frequency (MHz)	Reading (dBµV)	Pre-Amp Gain (dB)	Antenna Factor (dB)	Net at 3m - Peak (dBµV/m)	Average Factor (dB)	Calculated at 3m (dBµV/m)	Average Limit at 3m (dBµV/m)	Margin (dB)
H	2402.000	98.1	33	29.4	94.5	31.7	62.8	94.0	-31.2
V	***4804.000***	***52.1***	***33***	***34.9***	***54.0***	***31.7***	***22.3***	***54.0***	***-31.7***
V	7206.000	55.4	33	37.9	60.3	31.7	28.6	54.0	-25.4
V	9608.000	56.4	33	40.4	63.8	31.7	32.1	54.0	-21.9
V	***12010.000***	***57.5***	***33***	***40.5***	***65.0***	***31.7***	***33.3***	***54.0***	***-20.7***
V	14412.000	59.4	33	40.0	66.4	31.7	34.7	54.0	-19.3

Polari-zation	Frequency (MHz)	Reading (dBµV)	Pre-Amp Gain (dB)	Antenna Factor (dB)	Net at 3m - Peak (dBµV/m)	Peak Limit at 3m (dBµV/m)	Margin (dB)
H	2402.000	98.1	33	29.4	94.5	114.0	-19.5
V	***4804.000***	***52.1***	***33***	***34.9***	***54.0***	***74.0***	***-20.0***
V	7206.000	55.4	33	37.9	60.3	74.0	-13.7
V	9608.000	56.4	33	40.4	63.8	74.0	-10.2
V	***12010.000***	***57.5***	***33***	***40.5***	***65.0***	***74.0***	***-9.0***
V	14412.000	59.4	33	40.0	66.4	74.0	-7.6

NOTES: 1. Peak Detector Data unless otherwise stated.

2. All measurements were made at 3 meters. Harmonic emissions not detected at the 3-meter distances were measured at 0.3-meter and an inverse proportional extrapolation was performed to compare the signal level to the 3-meter limit. No other harmonic emissions than those reported were detected at a test distance of 0.3-meter.

3. Negative sign in the column shows value below limit.

4. Horn antenna is used for the emission over 1000MHz.

5. Emission (the row indicated by ***bold italic***) within the restricted band meets the requirement of FCC Part 15 Section 15.205.

6. Measurement Uncertainty is ±5.3dB at a level of confidence of 95%.

Applicant: CEI Conrad Electronic International (HK) Limited Date of Test: May 21, 2015
Model: 88012RC
Worst-Case Operating Mode: Transmitting

Table 2
Radiated Emissions
Pursuant to FCC Part 15 Section 15.249 Requirement

Middle Channel

Polari-zation	Frequency (MHz)	Reading (dBµV)	Pre-Amp Gain (dB)	Antenna Factor (dB)	Net at 3m - Peak (dBµV/m)	Average Factor (dB)	Calculated at 3m (dBµV/m)	Average Limit at 3m (dBµV/m)	Margin (dB)
H	2440.000	97.1	33	29.4	93.5	31.7	61.8	94.0	-32.2
V	***4880.000***	***52.7***	***33***	***34.9***	***54.6***	***31.7***	***22.9***	***54.0***	***-31.1***
V	***7320.000***	***55.9***	***33***	***37.9***	***60.8***	***31.7***	***29.1***	***54.0***	***-24.9***
V	9760.000	56.0	33	40.4	63.4	31.7	31.7	54.0	-22.3
V	***12200.000***	***57.6***	***33***	***40.5***	***65.1***	***31.7***	***33.4***	***54.0***	***-20.6***
V	14640.000	61.1	33	38.4	66.5	31.7	34.8	54.0	-19.2

Polari-zation	Frequency (MHz)	Reading (dBµV)	Pre-Amp Gain (dB)	Antenna Factor (dB)	Net at 3m - Peak (dBµV/m)	Peak Limit at 3m (dBµV/m)	Margin (dB)
H	2440.000	97.1	33	29.4	93.5	114.0	-20.5
V	***4880.000***	***52.7***	***33***	***34.9***	***54.6***	***74.0***	***-19.4***
V	***7320.000***	***55.9***	***33***	***37.9***	***60.8***	***74.0***	***-13.2***
V	9760.000	56.0	33	40.4	63.4	74.0	-10.6
V	***12200.000***	***57.6***	***33***	***40.5***	***65.1***	***74.0***	***-8.9***
V	14640.000	61.1	33	38.4	66.5	74.0	-7.5

NOTES: 1. Peak Detector Data unless otherwise stated.

2. All measurements were made at 3 meters. Harmonic emissions not detected at the 3-meter distances were measured at 0.3-meter and an inverse proportional extrapolation was performed to compare the signal level to the 3-meter limit. No other harmonic emissions than those reported were detected at a test distance of 0.3-meter.

3. Negative sign in the column shows value below limit.

4. Horn antenna is used for the emission over 1000MHz.

5. Emission (the row indicated by ***bold italic***) within the restricted band meets the requirement of FCC Part 15 Section 15.205.

6. Measurement Uncertainty is ±5.3dB at a level of confidence of 95%.

Applicant: CEI Conrad Electronic International (HK) Limited Date of Test: May 21, 2015
Model: 88012RC
Worst-Case Operating Mode: Transmitting

Table 3
Radiated Emissions
Pursuant to FCC Part 15 Section 15.249 Requirement

Highest Channel

Polari-zation	Frequency (MHz)	Reading (dBµV)	Pre-Amp Gain (dB)	Antenna Factor (dB)	Net at 3m - Peak (dBµV/m)	Average Factor (dB)	Calculated at 3m (dBµV/m)	Average Limit at 3m (dBµV/m)	Margin (dB)
H	2480.000	96.0	33	29.4	92.4	31.7	60.7	94.0	-33.3
V	***4960.000***	***52.3***	***33***	***34.9***	***54.2***	***31.7***	***22.5***	***54.0***	***-31.5***
V	***7440.000***	***55.7***	***33***	***37.9***	***60.6***	***31.7***	***28.9***	***54.0***	***-25.1***
V	9920.000	56.4	33	40.4	63.8	31.7	32.1	54.0	-21.9
V	***12400.000***	***57.9***	***33***	***40.5***	***65.4***	***31.7***	***33.7***	***54.0***	***-20.3***
V	14880.000	60.8	33	38.4	66.2	31.7	34.5	54.0	-19.5

Polari-zation	Frequency (MHz)	Reading (dBµV)	Pre-Amp Gain (dB)	Antenna Factor (dB)	Net at 3m - Peak (dBµV/m)	Peak Limit at 3m (dBµV/m)	Margin (dB)
H	2480.000	96.0	33	29.4	92.4	114.0	-21.6
V	***4960.000***	***52.3***	***33***	***34.9***	***54.2***	***74.0***	***-19.8***
V	***7440.000***	***55.7***	***33***	***37.9***	***60.6***	***74.0***	***-13.4***
V	9920.000	56.4	33	40.4	63.8	74.0	-10.2
V	***12400.000***	***57.9***	***33***	***40.5***	***65.4***	***74.0***	***-8.6***
V	14880.000	60.8	33	38.4	66.2	74.0	-7.8

NOTES: 1. Peak Detector Data unless otherwise stated.

2. All measurements were made at 3 meters. Harmonic emissions not detected at the 3-meter distances were measured at 0.3-meter and an inverse proportional extrapolation was performed to compare the signal level to the 3-meter limit. No other harmonic emissions than those reported were detected at a test distance of 0.3-meter.

3. Negative sign in the column shows value below limit.

4. Horn antenna is used for the emission over 1000MHz.

5. Emission (the row indicated by ***bold italic***) within the restricted band meets the requirement of FCC Part 15 Section 15.205.

6. Measurement Uncertainty is ±5.3dB at a level of confidence of 95%.

Applicant: CEI Conrad Electronic International (HK) Limited Date of Test: May 21, 2015
Model: 88012RC
Worst-Case Operating Mode: Standalone & BT ON

Table 5
Radiated Emissions
Pursuant to FCC Part 15 Section 15.209 Requirement

Polarization	Frequency (MHz)	Reading (dBµV)	Pre-amp (dB)	Antenna Factor (dB)	Net at 3m (dBµV/m)	Limit at 3m (dBµV/m)	Margin (dB)
H	95.703	28.4	16	12.0	24.4	43.5	-19.1
H	143.677	36.5	16	14.0	34.5	43.5	-9.0
H	147.710	39.8	16	14.0	37.8	43.5	-5.7
H	***168.012***	***37.2***	***16***	***18.0***	***39.2***	***43.5***	***-4.3***
H	190.287	38.7	16	16.0	38.7	43.5	-4.8
H	228.016	35.3	16	18.0	37.3	46.0	-8.7
H	***250.160***	***41.0***	***16***	***20.0***	***45.0***	***46.0***	***-1.0***
H	***272.110***	***39.1***	***16***	***22.0***	***45.1***	***46.0***	***-0.9***
H	296.001	34.4	16	22.0	40.4	46.0	-5.6
H	338.191	29.3	16	24.0	37.3	46.0	-8.7
H	***400.185***	***25.8***	***16***	***24.0***	***33.8***	***46.0***	***-12.2***
H	480.231	27.6	16	26.0	37.6	46.0	-8.4
H	504.395	26.5	16	26.0	36.5	46.0	-9.5
H	757.574	23.9	16	30.0	37.9	46.0	-8.1

NOTES: 1. Peak Detector Data unless otherwise stated.

2. All measurements were made at 3 meters. Harmonic emissions not detected at the 3-meter distances were measured at 0.3-meter and an inverse proportional extrapolation was performed to compare the signal level to the 3-meter limit. No other harmonic emissions than those reported were detected at a test distance of 0.3-meter.

3. Negative sign in the column shows value below limit.

4. Horn antenna is used for the emission over 1000MHz.

5. Emission (the row indicated by ***bold italic***) within the restricted band meets the requirement of FCC Part 15 Section 15.205.

6. Measurement Uncertainty is ±5.3dB at a level of confidence of 95%.

4.0 Equipment Photographs

For electronic filing, the photographs are saved with filename: external photos.pdf and internal photos.pdf.

5.0 Product Labelling

For electronics filing, the FCC ID label artwork and the label location are saved with filename: label.pdf.

6.0 Technical Specifications

For electronic filing, the block diagram and schematic of the tested EUT are saved with filename: block.pdf and circuit.pdf respectively.

7.0 Instruction Manual

For electronic filing, a preliminary copy of the Instruction Manual is saved with filename: manual.pdf.

This manual will be provided to the end-user with each unit sold/leased in the United States.

8.0 Miscellaneous Information

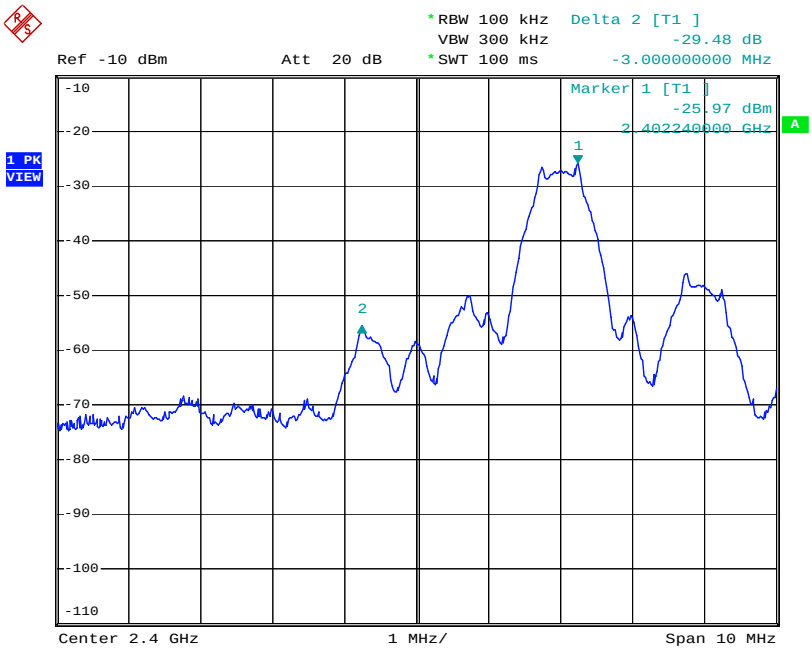
The miscellaneous information includes details of the test procedure and measured bandwidth / calculation of factor such as pulse desensitization and averaging factor (calculation and timing diagram).

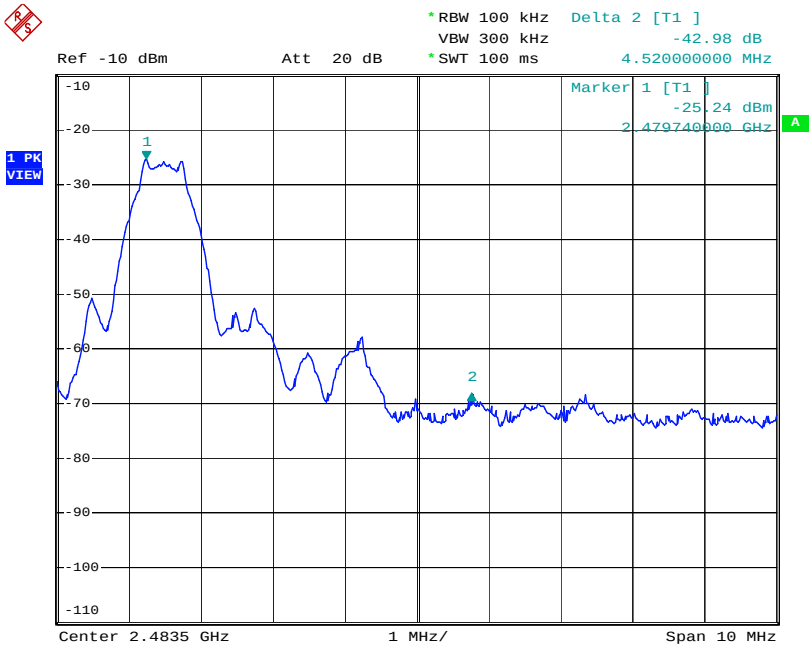
8.1 Radiated Emission on the Bandedge

From the following plots, they show that the fundamental emissions are confined in the specified band (2400MHz to 2483.5MHz). In case of the fundamental emissions are within two standard bandwidths from the bandedge, the delta measurement technique is used for determining bandedge compliance. Standard bandwidth is the bandwidth specified by ANSI C63.4 (2009) for frequency being measured.

Emissions radiated outside of the specified frequency bands, except harmonics, are attenuated by 50dB below the level of the fundamental or to the general radiated emissions limits in Section 15.209, whichever is the lesser attenuation, which meet the requirement of part 15.249(d).

Peak Measurement





Peak Measurement

Bandedge compliance is determined by applying marker-delta method, i.e. (Bandedge Plot).

Lower bandedge

Peak Resultant field strength = Fundamental emissions (peak value) – delta from the plot

=94.5 dBµV/m - 29.5 dB
=65.0 dBµV/m

Average Resultant field strength = Fundamental emissions (average value) – delta from the plot

=62.8 dBµV/m - 29.5 dB
=33.3 dBµV/m

Upper bandedge

Peak Resultant field strength = Fundamental emissions (peak value) – delta from the plot

=92.4 dBµV/m - 43.0 dB
=49.4 dBµV/m

Average Resultant field strength = Fundamental emissions (average value) – delta from the plot

=60.7 dBµV/m - 43.0 dB
=17.7 dBµV/m

The resultant field strength meets the general radiated emission limit in Section 15.209, which does not exceed 74 dBµV/m (Peak Limit) and 54 dBµV/m (Average Limit).

8.2 Discussion of Pulse Desensitization

Pulse desensitivity is not applicable for this device. The effective period (Teff) is approximately 2.6 ms for a digital “1” bit which illustrated on technical specification, with a resolution bandwidth (3dB) of 1MHz, so the pulse desensitivity factor is 0dB.

8.3 Calculation of Average Factor

The duty cycle is simply the on-time divided by the period:

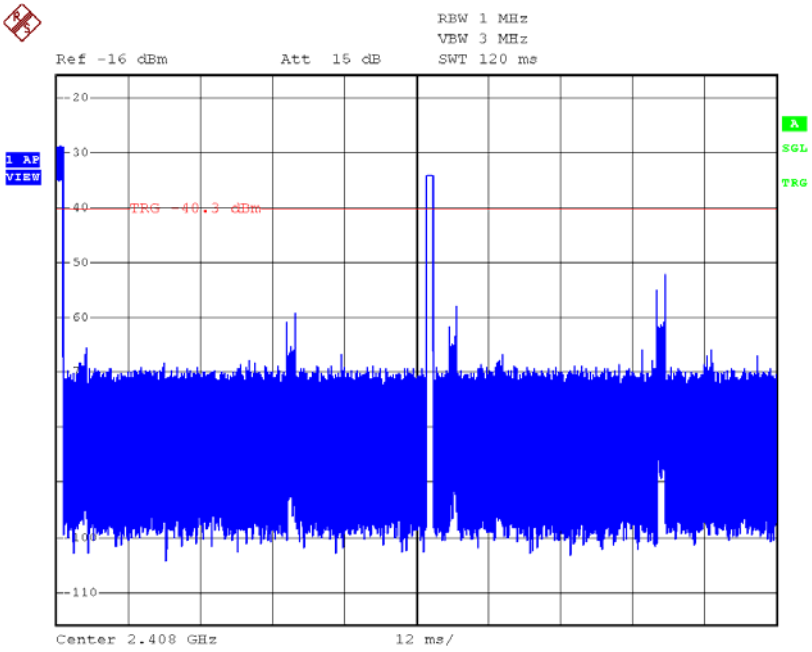
The duration of one cycle = 100ms

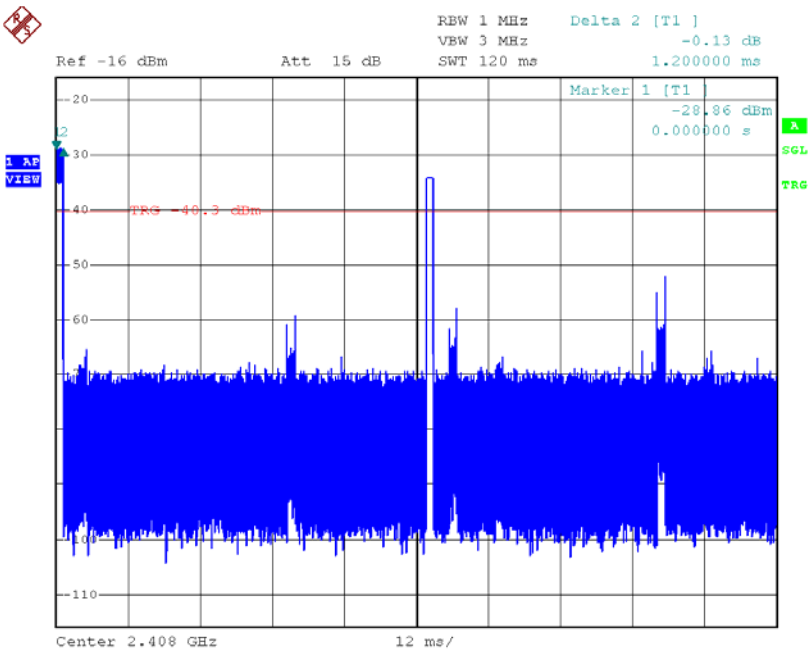
Effective period of the cycle = 2*1.3 = 2.6ms

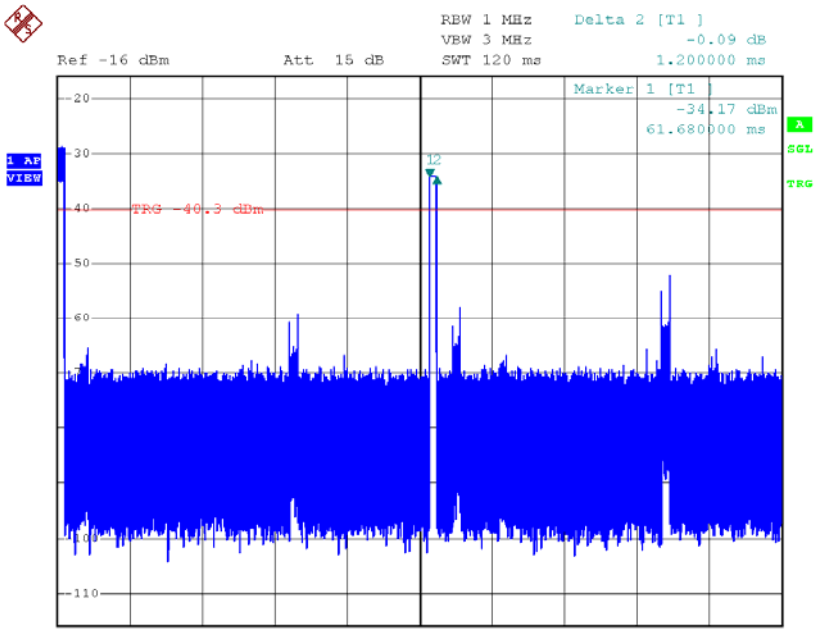
DC = 2.6/100 = 0.026

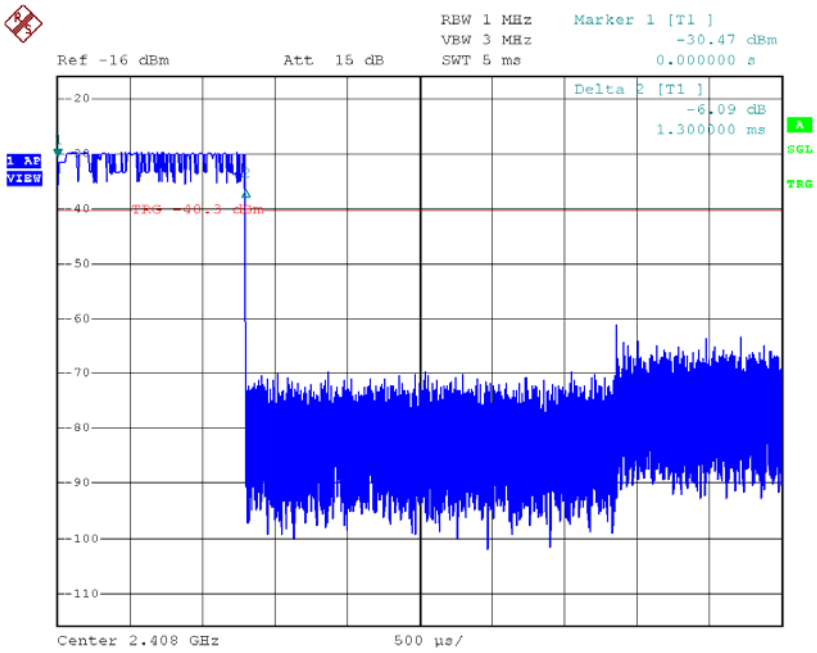
Therefore, the averaging factor is found by 20log 0.026 = -31.7dB.

Average Factor






RBW 1 MHz
VBW 3 MHz
SWT 120 ms
Delta 2 [T1]
-0.09 dB
1.200000 ms
Ref -16 dBm
Att 15 dB
Marker 1 [T1]
-34.17 dBm
61.680000 ms
1 AP
VIEW
A
SGL
TRG
TRG -40.3 dBm
-20
-30
-40
-50
-60
-110


RBW 1 MHz
VBW 3 MHz
SWT 5 ms
Marker 1 [T1]
-30.47 dBm
0.000000 s
Ref -16 dBm
Att 15 dB
Delta 2 [T1]
-6.09 dB
1.300000 ms
1 AP
VIEW
A
SGL
TRG
TRG -40.3 dBm
-20
-40
-50
-60
-70
-80
-90
-100
-110
Center 2.408 GHz
500 µs/

8.4 Emissions Test Procedures

The following is a description of the test procedure used by Intertek Testing Services Hong Kong Ltd. in the measurements of transmitter operating under the Part 15, Subpart C rules.

The transmitting equipment under test (EUT) is placed on a wooden turntable which is four feet in diameter and approximately one meter in height above the ground plane. During the radiated emissions test, the turntable is rotated and any cables leaving the EUT are manipulated to find the configuration resulting in maximum emissions. The EUT is adjusted through all three orthogonal axis to obtain maximum emission levels. The antenna height and polarization are also varied during the testing to search for maximum signal levels. The height of the antenna is varied from one to four meters.

Detector function for radiated emissions is in peak mode. Average readings, when required, are taken by measuring the duty cycle of the equipment under test and subtracting the corresponding amount in dB from the measured peak readings. A detailed description for the calculation of the average factor can be found in Exhibit 8.3.

The frequency range scanned is from the lowest radio frequency signal generated in the device which is greater than 9 kHz to the tenth harmonic of the highest fundamental frequency or 40 GHz, whichever is lower.

8.4 Emissions Test Procedures (cont'd)

The EUT is warmed up for 15 minutes prior to the test.

AC power to the unit is varied from 85% to 115% nominal and variation in the fundamental emission field strength is recorded. If battery powered, a new, fully charged battery is used.

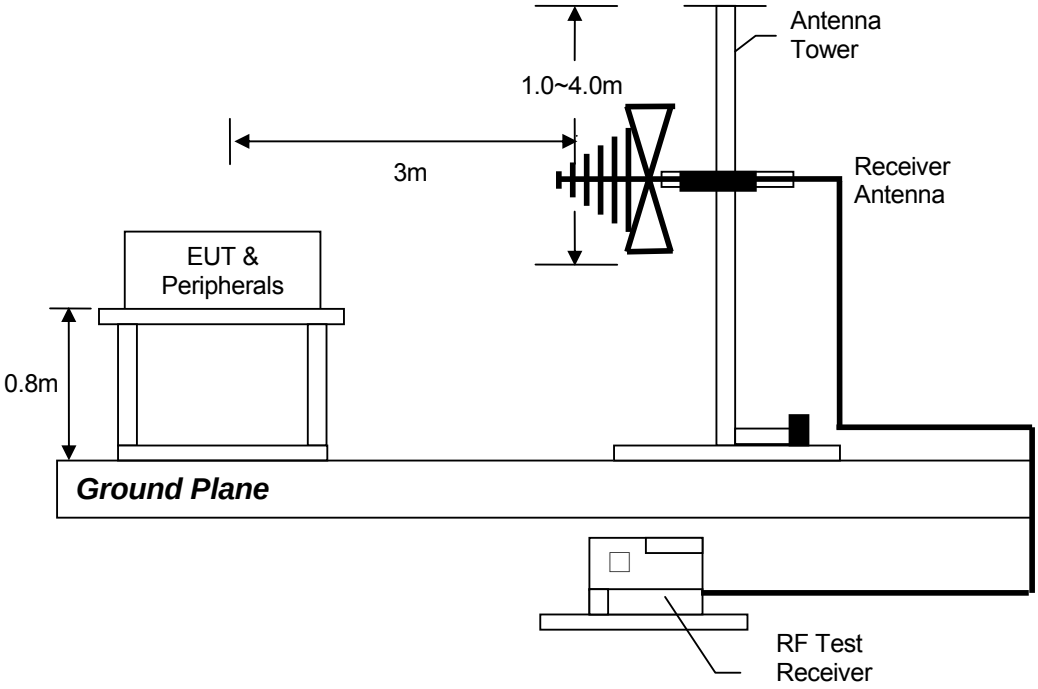
Conducted measurements were made as described in ANSI C63.4 (2009).

The IF bandwidth used for measurement of radiated signal strength was 100 kHz or greater when frequency is below 1000 MHz. Where pulsed transmissions of short enough pulse duration warrant, a greater bandwidth is selected according to the recommendations of Hewlett Packard Application Note 150-2. A discussion of whether pulse desensitivity is applicable to this unit is included in this report (See Exhibit 8.1). Above 1000 MHz, a resolution bandwidth of 3 MHz is used.

Transmitter measurements are normally conducted at a measurement distance of three meters. However, to assure low enough noise floor in the forbidden bands and above 1 GHz, signals are acquired at a distance of one meter or less. All measurements are extrapolated to three meters using inverse scaling, unless otherwise reported. Measurements taken at a closer distance are so marked.

8.4.1 Radiated Emission Test Setup

The figure below shows the test setup, which is utilized to make these measurements.



9.0 **Equipment List**

1) Radiated Emissions Test

Equipment	BiConiLog Antenna	Double Ridged Guide Antenna	EMI Test Receiver
Registration No.	EW-3061	EW-1133	EW-2251
Manufacturer	EMCO	EMCO	R&S
Model No.	3412E	3115	ESCI
Calibration Date	Jul. 17, 2014	Apr. 30, 2014	Dec. 04, 2014
Calibration Due Date	Jul. 17, 2015	Oct. 30, 2015	Dec. 04, 2015

Equipment	EMI Test Receiver	Spectrum Analyzer
Registration No.	EW-3095	EW-2249
Manufacturer	R&S	R&S
Model No.	ESCI	FSP30
Calibration Date	Oct. 16, 2014	Nov 19, 2014
Calibration Due Date	Oct. 16, 2015	Nov 19, 2015

2) Conducted Emissions Test

Equipment	EMI Test Receiver	Artificial Mains Network
Registration No.	EW-2500	EW-2874
Manufacturer	R&S	R&S
Model No.	ESCI	ENV-216
Calibration Date	Nov. 06, 2014	Dec. 08, 2014
Calibration Due Date	Nov. 06, 2015	Dec. 08, 2015

3) Bandedge & Average Factor Measurement

Equipment	Spectrum Analyzer
Registration No.	EW-2249
Manufacturer	R&S
Model No.	FSP30
Calibration Date	Nov 19, 2014
Calibration Due Date	Nov 19, 2015

END OF TEST REPORT