



Report No.: T190902W05-F

FCC RX ID: R4UARCFLXHRX

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Rev.: 00

# FCC TEST REPORT

for

**Industrial radio remote control system**

**MODEL: FLEX 12EPH; FLEX 8EPH; FLEX 12HRX; FLEX 8HRX**

Issued to:

**ADVANCED RADIOTECH CORPORATION**

**No. 3, South 1st Road, Chien Chen District,  
Kaohsiung City, Taiwan**

Issued by:

**Compliance Certification Services Inc.**

**Xindian Lab.**

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**Issued Date: December 3, 2019**

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Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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**Revision History**

Rev.	Issue Date	Revisions	Effect Page	Revised By
00	December 3, 2019	Initial Issue	ALL	Amy Wang

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## 1 TEST RESULT CERTIFICATION

**Product:** Industrial radio remote control system

**Model:** FLEX 12EPH; FLEX 8EPH; FLEX 12HRX; FLEX 8HRX

**Brand:** ARC

**Applicant:** **ADVANCED RADIOTECH CORPORATION**

No. 3, South 1st Road, Chien Chen District,  
Kaohsiung City, Taiwan

**Manufacturer:** **ADVANCED RADIOTECH CORPORATION**

No. 3, South 1st Road, Chien Chen District,  
Kaohsiung City, Taiwan

**Tested:** September 7, 2019

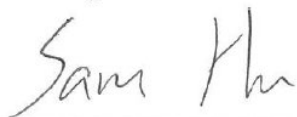
EMISSION			
Standard	Item	Result	Remarks
FCC 47 CFR Part 15 Subpart B, ICES-003 Issue 6-2016 ANSI C63.4-2014	Conducted (Power Port)	PASS	Meet Class B limit
	Radiated	PASS	Meet Class B limit

### Statements of Conformity

Determination of compliance is based on the results of the compliance measurement,  
not taking into account measurement instrumentation uncertainty.

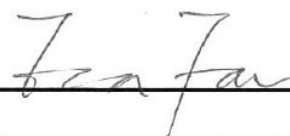
The above equipment has been tested by Compliance Certification Services Inc., and found compliance with the requirements set forth in the technical standards mentioned above. The results of testing in this report apply only to the product/system, which was tested. Other similar equipment will not necessarily produce the same results due to production tolerance and measurement uncertainties.

**Approved by:**



Sam Hu  
Assistant Manager

**Reviewed by:**



Eva Fan  
Supervisor of report document dept.

## 2 EUT DESCRIPTION

<b>Product</b>	Industrial radio remote control system
<b>Brand Name</b>	ARC
<b>Model</b>	FLEX 12EPH; FLEX 8EPH; FLEX 12HRX; FLEX 8HRX
<b>Applicant</b>	ADVANCED RADIOTECH CORPORATION
<b>Housing material</b>	Plastic
<b>Identify Number</b>	T190902W05
<b>Received Date</b>	September 2, 2019
<b>EUT Power Rating</b>	TX: 3VDC from Battery RX: 12-24VDC form DC Power Supply
<b>DC Power During Test</b>	24VDC

### Model Differences

Model		Buttons	Size	Solid state relays	Tested (Check)
FLEX 12EPH	TX	12 Key	244mm (L) x 70mm (W) x 44mm (H)	--	<input checked="" type="checkbox"/>
FLEX 12HRX	RX		197mm (L) x 153mm (W) x 50mm (H)	6+3	<input checked="" type="checkbox"/>
FLEX 8EPH	TX	8 Key	198mm (L) x 70mm (W) x 44mm (H)	--	<input checked="" type="checkbox"/>
FLEX 8HRX	RX		197mm (L) x 153mm (W) x 50mm (H)	4+3	<input checked="" type="checkbox"/>

### I/O PORT

I/O PORT TYPES	Q'TY	TESTED WITH

**Note:** None.

### 3 TEST METHODOLOGY

#### 3.1. DECISION OF FINAL TEST MODE

The EUT was tested together with the below additional components, and a configuration, which produced the worst emission levels, was selected and recorded in this report.

The test configuration modes are as the following:

**Conduction Modes:**

1	FLEX 12EPH; FLEX 12HRX	433MHz Mode
2	FLEX 8EPH; FLEX 8HRX	433MHz Mode

**Radiation Modes:**

1	FLEX 12EPH; FLEX 12HRX	433MHz Mode
2	FLEX 8EPH; FLEX 8HRX	433MHz Mode
		433MHz Mode / 1-5GHz

**Worst:**

**Conduction:** Mode 2

**Radiation:** Mode 2

#### 3.2. EUT SYSTEM OPERATION

1. Turning on EUT power for test.

**Note:** Test program is self-repeating throughout the test.

## 4 SETUP OF EQUIPMENT UNDER TEST

### 4.1. DESCRIPTION OF SUPPORT UNITS

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

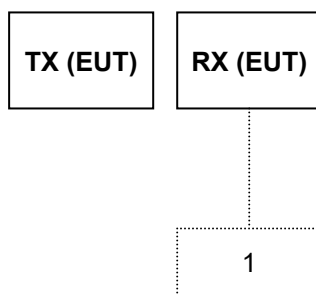
#### Peripherals Devices:

No.	Equipment	Model No.	Serial No.	FCC ID / BSMI ID	Brand Name	Data Cable	Power Cord
1	DC Power Supply	DSP-150-010HD	N/A	N/A	IDRC	Unshielded, 1.4m	Unshielded, 1.8m

#### Note:

- 1) All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test.
- 2) Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.

### 4.2. CONFIGURATION OF SYSTEM UNDER TEST



## 5 FACILITIES AND ACCREDITATIONS

### 5.1. FACILITIES

All measurement facilities used to collect the measurement data are located at CCSrf Taiwan Xindian Lab. at No.163-1, Jhongsheng Rd., Xindian Dist., New Taipei City, 23151 Taiwan.

The sites are constructed in conformance with the requirements of ANSI C63.4 and CISPR Publication 22. All receiving equipment conforms to CISPR 16-1-1, CISPR 16-1-2, CISPR 16-1-3, CISPR 16-1-4 and CISPR 16-1-5.

### 5.2. ACCREDITATIONS

Our laboratories are accredited and approved by the following accreditation body according to ISO/IEC 17025.

<b>Taiwan</b>	TAF
<b>USA</b>	A2LA

The measuring facility of laboratories has been authorized or registered by the following approval agencies.

<b>Canada</b>	Industry Canada
<b>Japan</b>	VCCI
<b>Taiwan</b>	BSMI
<b>USA</b>	FCC

Copies of granted accreditation certificates are available for downloading from our web site, <http://www.ccsrf.com>

### 5.3. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

Measurement	Frequency	Uncertainty
Conducted emissions	0.15MHz ~ 30MHz	± 2.76
Radiated emissions	30MHz ~ 1000MHz	± 6.28
	1000MHz ~ 18000MHz	± 4.60
	18000MHz ~ 40000MHz	± 3.80

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

Consistent with industry standard (e.g. CISPR 22: 2005, clause 11, Measurement Uncertainty) determining compliance with the limits shall be base on the results of the compliance measurement. Consequently the measure emissions being less than the maximum allowed emission result in this be a compliant test or passing test.

The acceptable measurement uncertainty value without requiring revision of the compliance statement is base on conducted and radiated emissions being less than  $U_{CISPR}$  which is 3.4dB(AMN) and 6.3dB(OATS) respectively. CCS values (called  $U_{Lab}$  in CISPR 16-4-2) is less than  $U_{CISPR}$  as shown in the table above. Therefore, MU need not be considered for compliance.



## 6 CONDUCTED EMISSION MEASUREMENT

### 6.1. LIMITS OF CONDUCTED EMISSION MEASUREMENT

FREQUENCY (MHz)	Class A (dBuV)		Class B (dBuV)	
	Quasi-peak	Average	Quasi-peak	Average
0.15 - 0.5	79	66	66 - 56	56 - 46
0.50 - 5.0	73	60	56	46
5.0 - 30.0	73	60	60	50

**NOTE:**

- (1) The lower limit shall apply at the transition frequencies.
- (2) The limit decreases in line with the logarithm of the frequency in the range 0.15 to 0.50 MHz.
- (3) All emanations from a class A/B digital device or system, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strengths specified above.

### 6.2. TEST INSTRUMENTS

Conducted Emission room # B				
Name of Equipment	Manufacturer	Model	Serial Number	Calibration Due
BNC Cable	EMCI	CFD300-NL	BNC#B5	01/06/2020
EMI Test Receiver	R&S	ESCI	100234	05/06/2020
LISN	Schwarzbeck	NSLK 8127	8127526	05/07/2020
LISN(EUT)	Schwarzbeck	NSLK 8127	8127382	05/07/2020
Pulse Limiter	R&S	ESH3-Z2	100374	01/06/2020
Thermo-Hygro Meter	Wisewind	201A	SD-S017	09/17/2020
Test S/W	EZ-EMC			

- NOTE:** 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.  
2. N.C.R = No Calibration Request.

### 6.3. TEST PROCEDURES (please refer to measurement standard or CCS SOP PA-031)

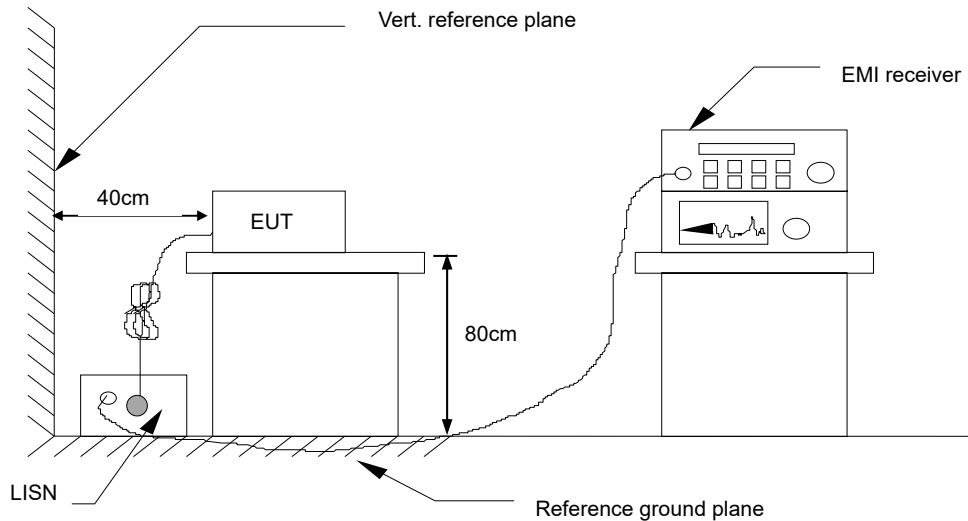
#### **Procedure of Preliminary Test**

- The EUT and support equipment, if needed, were set up as per the test configuration to simulate typical usage per the user's manual. When the EUT is a tabletop system, a wooden table with a height of 0.8 meters is used and is placed on the ground plane as per ANSI C63.4 (see Test Facility for the dimensions of the ground plane used). When the EUT is a floor standing equipment, it is placed on the ground plane, which has a 12 mm non-conductive covering to insulate the EUT from the ground plane.
- All I/O cables were positioned to simulate typical actual usage as per ANSI C63.4.
- The test equipment EUT installed by AC main power, through a Line Impedance Stabilization Network (LISN), which was supplied power source and was grounded to the ground plane.
- All support equipment power by from a second LISN.
- The test program of the EUT was started. 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 150kHz 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 Item 3.1 were scanned during the preliminary test.
- After the preliminary scan, we found the test mode described in Item 3.1 producing the highest emission level.
- The worst configuration of EUT and cable of the above highest emission level were recorded for reference of the final test.

#### **Procedure of 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, Line 1 and Line 2, 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.

## 6.4. TEST SETUP



- For the actual test configuration, please refer to the related item – Photographs of the Test Configuration.

## 6.5. DATA SAMPLE

Freq. (MHz)	Reading (dBuV)	Factor (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector (P/Q/A)	Line (L1/L2)
x.xx	42.95	0.55	43.50	56	-12.50	Q	L1

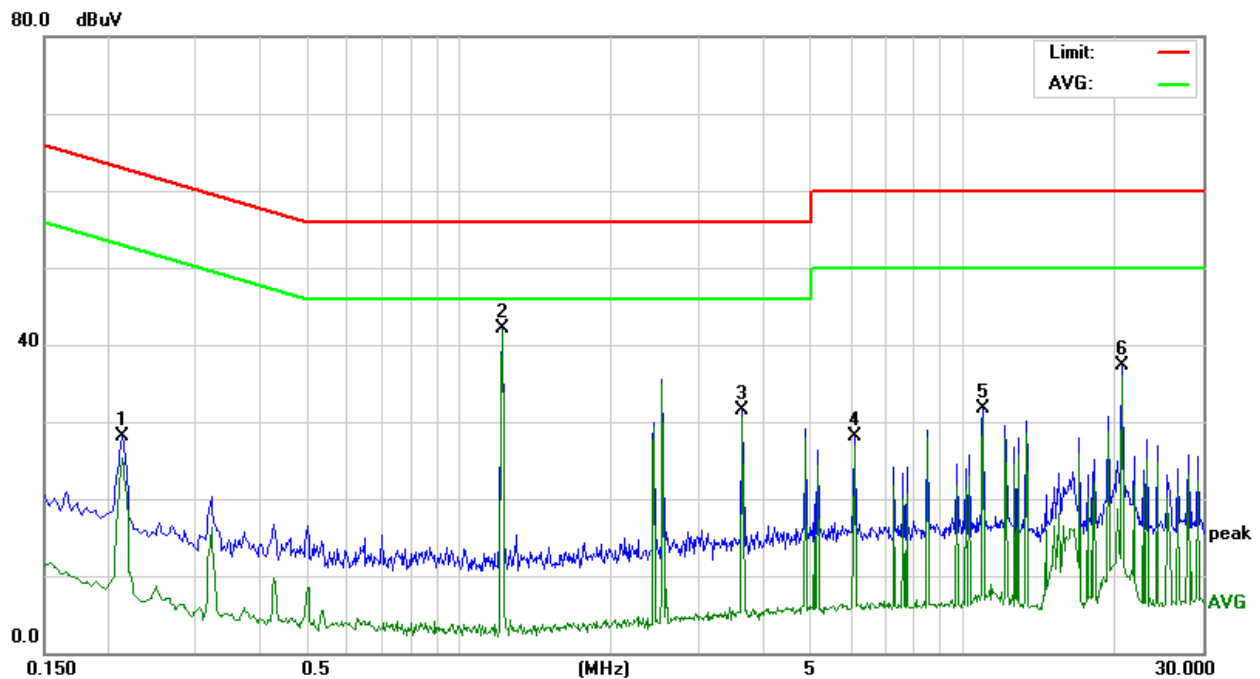
Freq. = Emission frequency in MHz  
 Reading = Uncorrected Analyzer/Receiver reading  
 Factor = Insertion loss of LISN + Cable Loss + Pulse Limit  
 Result = Reading + Factor  
 Limit = Limit stated in standard  
 Margin = Reading in reference to limit  
 P = Peak Reading  
 Q = Quasi-peak Reading  
 A = Average Reading  
 L1 = Hot side  
 L2 = Neutral side

### Calculation Formula

Margin (dB) = Result (dBuV) – Limit (dBuV)

## 6.6. TEST RESULTS

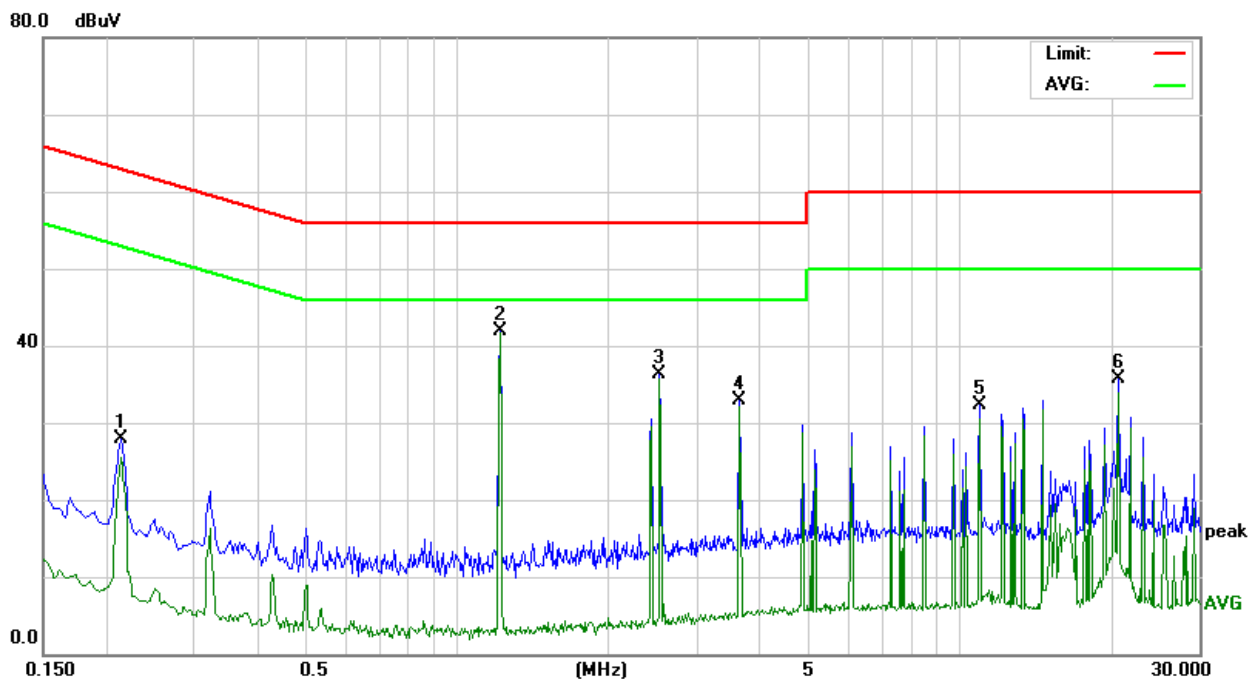
Model No.	FLEX 8EPH; FLEX 8HRX	6dB Bandwidth	9 kHz
Environmental Conditions	21°C, 64% RH	Test Mode	Mode 2
Tested by	Jacky Lin	Phase	L1
Standard	FCC CLASS B		



Conducted Emission Readings							
Frequency Range Investigated				150 kHz to 30 MHz			
Freq. (MHz)	Reading (dBuV)	Factor (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector (P/Q/A)	Line (L1/L2)
0.2140	17.97	10.05	28.02	63.04	-35.02	P	L1
1.2180	31.98	10.17	42.15	56.00	-13.85	P	L1
3.6540	21.11	10.32	31.43	56.00	-24.57	P	L1
6.0939	17.75	10.41	28.16	60.00	-31.84	P	L1
10.9660	21.15	10.55	31.70	60.00	-28.30	P	L1
20.7139	26.58	10.78	37.36	60.00	-22.64	P	L1

Note: 1. L1 = Line One (Live Line) / L2 = Line Two (Neutral Line).

Model No.	FLEX 8EPH; FLEX 8HRX	6dB Bandwidth	9 kHz
Environmental Conditions	21°C, 64% RH	Test Mode	Mode 2
Tested by	Jacky Lin	Phase	L2
Standard	FCC CLASS B		



Conducted Emission Readings							
Frequency Range Investigated				150 kHz to 30 MHz			
Freq. (MHz)	Reading (dBuV)	Factor (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector (P/Q/A)	Line (L1/L2)
0.2140	17.92	10.02	27.94	63.04	-35.10	P	L2
1.2180	31.70	10.16	41.86	56.00	-14.14	P	L2
2.5380	25.99	10.26	36.25	56.00	-19.75	P	L2
3.6540	22.69	10.30	32.99	56.00	-23.01	P	L2
10.9660	21.75	10.52	32.27	60.00	-27.73	P	L2
20.7180	24.91	10.72	35.63	60.00	-24.37	P	L2

Note: 1. L1 = Line One (Live Line) / L2 = Line Two (Neutral Line).

## 7 RADIATED EMISSION MEASUREMENT

### 7.1. LIMITS OF RADIATED EMISSION MEASUREMENT

Below 1GHz (for digital device)

FREQUENCY (MHz)	dBuV/m (At 10m)	
	Class A	Class B
30 ~ 230	40	30
230 ~ 1000	47	37

Limit tables for non-digital device:

Class A Radiated Emission limit at 10m (for others)

Frequency (MHZ)	Field Strength Limit (uV/m)Q.P.	Field Strength Limit (dBuV/m)Q.P.
30 - 88	90	39
88 - 216	150	43.5
216 – 960	210	46.4
Above 960	300	49.5

Class B Radiated Emission limit at 3m (for others)

Frequency (MHZ)	Field Strength Limit (uV/m)Q.P.	Field Strength Limit (dBuV/m)Q.P.
30 - 88	100	40
88 - 216	150	43.5
216 – 960	200	46
Above 960	500	54

Above 1GHz(for all device)

Frequency (MHZ)	Class A (dBuV/m) (At 10m)		Class B (dBuV/m) (At 3m)	
	Average	Peak	Average	Peak
Above 1000	49.5	69.5	54	74

NOTE: (1) The lower limit shall apply at the transition frequencies.

(2) Emission level (dBuV/m) = 20 log Emission level (uV/m).

(3) The measurement above 1GHz is at close-in distances 3m, and determine the limit  $L_2$  corresponding to the close-in distance  $d_2$  by applying the following relation:  $L_2 = L_1 (d_1/d_2)$ , where  $L_1$  is the specified limit in microvolts per metre (uV/m) at the distance  $d_1$  (10m),  $L_2$  is the new limit for distance  $d_2$  (3m).

So the new Class A limit above 1GHz at 3m is as following table:

Frequency (MHZ)	Class A (dBuV/m) (At 3m)	
	Average	Peak
Above 1000	60	80

According to FCC Part 15.33 (b), for an unintentional radiator, including a digital device, the spectrum shall be investigated from the lowest radio frequency signal generated or used in the device, without going below the lowest frequency for which a radiated emission limit is specified, up to the frequency shown in the following table:

Highest frequency generated or used in the device or on which the device operates or tunes (MHz)	Upper frequency of measurement range (MHz)
Below 1.705	30
1.705-108	1000
108-500	2000
500-1000	5000
Above 1000	5 <sup>th</sup> harmonic of the highest frequency or 40GHz, whichever is lower

## 7.2. TEST INSTRUMENTS

1066 Chamber #E				
Name of Equipment	Manufacturer	Model	Serial Number	Calibration Due
Bilog Antenna	Teseq	CBL 6112D	35411	05/28/2020
EMI Test Receiver	R&S	ESR3	102166	04/16/2020
N-Type Cable	EMEC	CFD400NL-LW	SD-R042	08/14/2020
Pre-Amplifier	EMEC	EMC330	060696	08/14/2020
Thermo-Hygro Meter	Wisewind	201A	SD-R046	08/18/2020
Test S/W	EZ-EMC			
Above 1GHz Used				
Horn Antenna	ETS	3117	00139062	08/07/2020
K-Type Cable	Rosnol	K1K50-UP0264-K1k50-1000	170803-1	08/06/2020
Microflex Cable	EMEC	EM104-7M	SD-R051	08/06/2020
Pre-Amplifier	Com-Power	PAM-118A	551041	06/17/2020
Signal Analyzer	R&S	FSV40	101269	03/29/2020
Test S/W	EZ-EMC			

**NOTE:** 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.  
2. N.C.R = No Calibration Request.

### 7.3. TEST PROCEDURES (please refer to measurement standard or CCS SOP PA-031)

#### **Procedure of Preliminary Test**

- The equipment was set up as per the test configuration to simulate typical usage per the user's manual. When the EUT is a tabletop system, a wooden turntable with a height of 0.8 meters is used which is placed on the ground plane. When the EUT is a floor standing equipment, it is placed on the ground plane which has a 12 mm non-conductive covering to insulate the EUT from the ground plane.
- Support equipment, if needed, was placed as per ANSI C63.4.
- All I/O cables were positioned to simulate typical usage as per ANSI C63.4.
- The EUT received AC power source from the outlet socket under the turntable. All support equipment power received from another socket under the turntable.
- The antenna was placed at 3 meter away from the EUT as stated in ANSI C63.4. The antenna connected to the Spectrum Analyzer via a cable and at times a pre-amplifier would be used.
- The Analyzer / Receiver quickly scanned from 30MHz to 40GHz. The EUT test program was started. Emissions were scanned and measured rotating the EUT to 360 degrees and positioning the antenna 1 to 4 meters above the ground plane, in both the vertical and the horizontal polarization, to maximize the emission reading level.
- The test mode(s) described in Item 3.1 were scanned during the preliminary test:
- After the preliminary scan, we found the test mode described in Item 3.1 producing the highest emission level.
- The worst configuration of EUT and cable of the above highest emission level were recorded for reference of the final test.

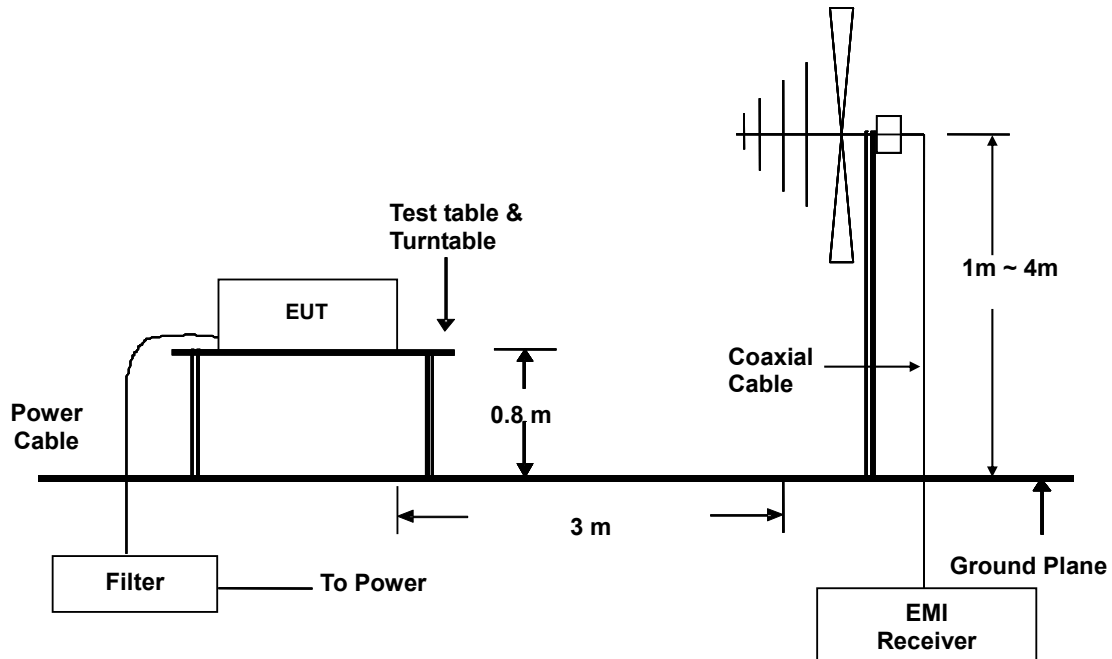
#### **Procedure of Final Test**

- EUT and support equipment were set up on the turntable as per the configuration with highest emission level in the preliminary test.
- The Analyzer / Receiver scanned from 30MHz to 40GHz. Emissions were scanned and measured rotating the EUT to 360 degrees, varying cable placement and positioning the antenna 1 or 1 to 4 meters above the ground plane, in both the vertical and the horizontal polarization, to maximize the emission reading level.
- Recording at least the six highest emissions. Emission frequency, amplitude, antenna position, polarization and turntable position were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit. Below 1GHz the Q.P. reading and above 1GHz the Peak and Average reading are presented.
- The test data of the worst-case condition(s) was recorded.

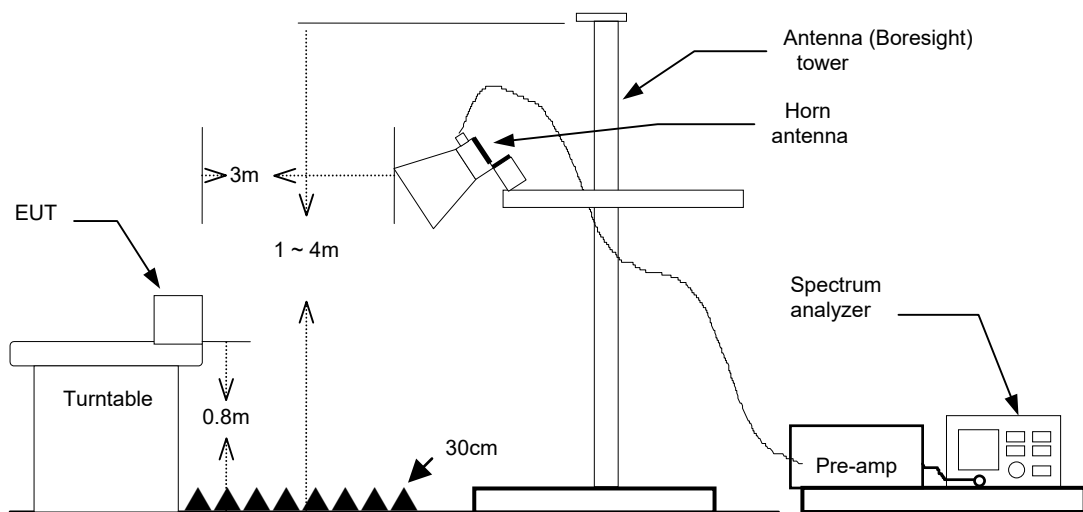


## 7.4. TEST SETUP

### Below 1GHz



### Above 1GHz



- For the actual test configuration, please refer to the related item – Photographs of the Test Configuration.

## 7.5. DATA SAMPLE

### Below 1GHz

Freq. (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector (P/Q)	Pol. (H/V)
x.xx	14.0	12.2	26.2	30	-10.8	Q	H

### Above 1GHz

Freq. (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector (P/A)	Pol. (H/V)
x.xx	42.95	0.55	43.50	54	-10.50	A	H

Freq. = Emission frequency in MHz  
 Reading = Uncorrected Analyzer/Receiver reading  
 Factor = Antenna Factor + Cable Loss - Amplifier Gain  
 Result = Reading + Factor  
 Limit = Limit stated in standard  
 Margin = Reading in reference to limit  
 P = Peak Reading  
 Q = Quasi-peak Reading  
 A = Average Reading  
 H = Antenna Polarization: Horizontal  
 V = Antenna Polarization: Vertical

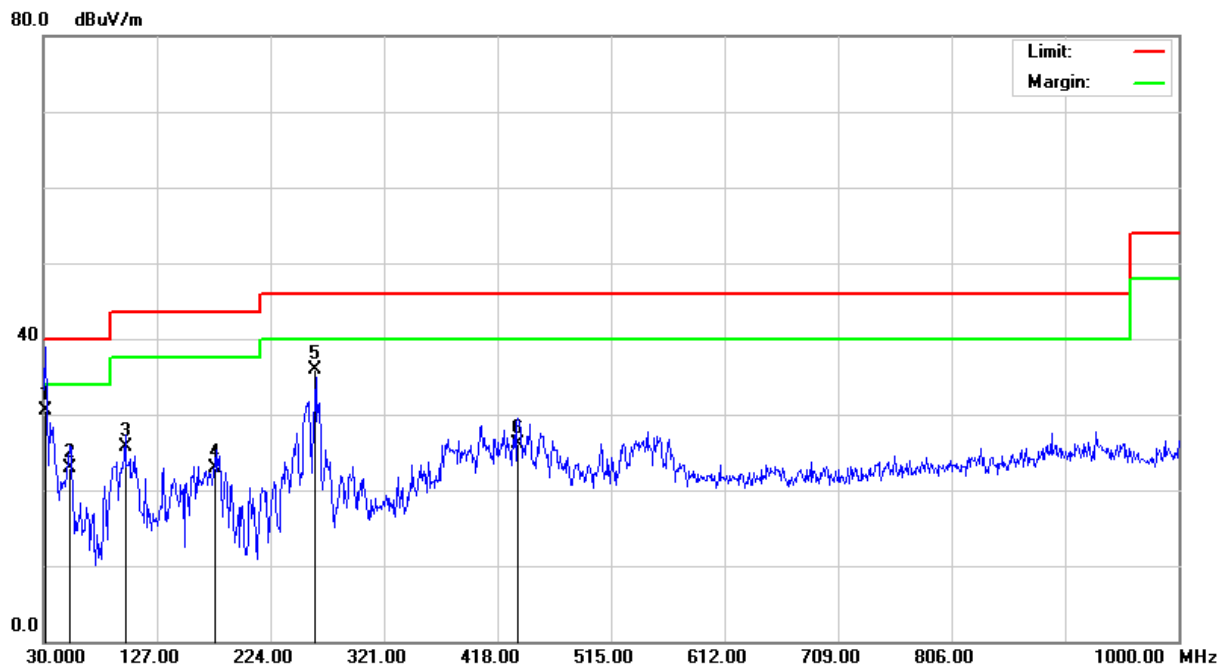
### Calculation Formula

Margin (dB) = Result (dBuV/m) – Limit (dBuV/m)

## 7.6. TEST RESULTS

### Below 1GHz

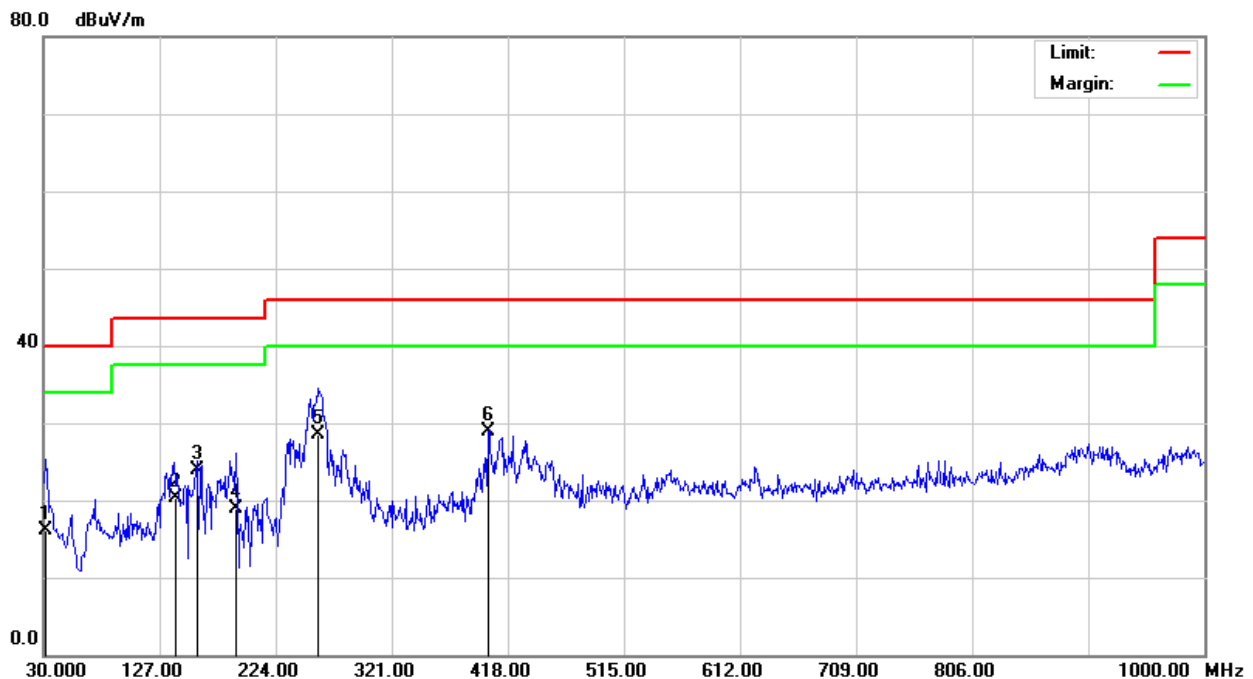
Model No.	FLEX 8EPH; FLEX 8HRX	Test Mode	Mode 2
Environmental Conditions	23°C, 62% RH	6dB Bandwidth	120 kHz
Antenna Pole	Vertical	Antenna Distance	3m
Detector Function	Quasi-peak.	Tested by	Jacky Lin
Standard	FCC CLASS B		



Radiated Emission Readings									
Frequency Range Investigated					30 MHz to 1000 MHz at 3m				
Freq. (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Detector (P/Q)	Pol. (H/V)
32.3200	38.60	-8.09	30.51	40.00	-9.49	100	113	Q	V
52.4700	41.10	-18.20	22.90	40.00	-17.10	100	249	Q	V
99.9600	40.30	-14.57	25.73	43.50	-17.77	100	310	Q	V
176.6799	38.90	-15.91	22.99	43.50	-20.51	100	84	Q	V
262.0000	46.50	-10.54	35.96	46.00	-10.04	100	335	Q	V
435.1700	34.10	-7.96	26.14	46.00	-19.86	400	216	Q	V

Note: 1. P= Peak Reading; Q= Quasi-peak Reading.

Model No.	FLEX 8EPH; FLEX 8HRX	Test Mode	Mode 2
Environmental Conditions	23°C, 62% RH	6dB Bandwidth	120 kHz
Antenna Pole	Horizontal	Antenna Distance	3m
Detector Function	Quasi-peak.	Tested by	Jacky Lin
Standard	FCC CLASS B		



Radiated Emission Readings									
Frequency Range Investigated					30 MHz to 1000 MHz at 3m				
Freq. (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Detector (P/Q)	Pol. (H/V)
32.5400	24.30	-8.25	16.05	40.00	-23.95	400	123	Q	H
140.1300	34.20	-13.94	20.26	43.50	-23.24	400	88	Q	H
158.4200	39.10	-15.14	23.96	43.50	-19.54	400	224	Q	H
191.3800	35.00	-16.05	18.95	43.50	-24.55	400	17	Q	H
259.6400	38.90	-10.45	28.45	46.00	-17.55	400	95	Q	H
402.2400	36.90	-8.09	28.81	46.00	-17.19	100	356	Q	H

Note: 1. P= Peak Reading; Q= Quasi-peak Reading.



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**Above 1GHz**

<b>Model No.</b>	FLEX 8EPH; FLEX 8HRX	<b>Test Mode</b>	Mode 2
<b>Environmental Conditions</b>	23°C, 62% RH	<b>6dB Bandwidth</b>	1 MHz
<b>Antenna Pole</b>	Vertical / Horizontal	<b>Antenna Distance</b>	3m
<b>Highest frequency generated or used</b>	433MHz	<b>Upper frequency</b>	5000MHz
<b>Detector Function</b>	Peak and average.	<b>Tested by</b>	Jacky Lin
<b>Standard</b>	FCC CLASS B		

Radiated Emission Readings							
Frequency Range Investigated				Above 1GHz at 3m			
Freq. (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector (P/A)	Pol. (H/V)
1130.000	50.31	-7.29	43.02	74.00	-30.98	P	V
2265.000	47.65	-3.38	44.27	74.00	-29.73	P	V
3105.000	47.37	2.59	49.96	74.00	-24.04	P	V
3490.000	50.51	-2.26	48.25	74.00	-25.75	P	V
4355.000	48.01	-0.58	47.43	74.00	-26.57	P	V

Radiated Emission Readings							
Frequency Range Investigated				Above 1GHz at 3m			
Freq. (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector (P/A)	Pol. (H/V)
1170.000	47.11	-6.85	40.26	74.00	-33.74	P	H
1670.000	47.42	-6.10	41.32	74.00	-32.68	P	H
2410.000	47.49	-2.88	44.61	74.00	-29.39	P	H
3090.000	49.81	2.05	51.86	74.00	-22.14	P	H
4225.000	48.03	-0.86	47.17	74.00	-26.83	P	H
4925.000	48.16	0.32	48.48	74.00	-25.52	P	H

Note: 1. P= Peak Reading; A= Average Reading.

**End of Test Report**