

FCC&ISED Radio Test Report						
FCC ID: 2AEUPBHARG042						
IC: 20271-BHARG042						
This report concerns (check one):						
Project No.: 1803T001EEquipment: RingTest Model: Video-Doorbell 2Series Model: N/AApplicant: Ring, Inc.Address: 1523 26th St, Santa Monica, CA 90404,USA						
Date of Receipt : Oct. 23, 2018   Date of Test : Oct. 23, 2018 ~ Nov. 08, 2018   Issued Date : Mar. 20, 2019   Tested by : BTL Inc.						
Testing Engineer : <u>Kenji Lin</u>						
Technical Manager :(James Chiu)						
Authorized Signatory :						
BTL INC. No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan (R.O.C.) TEL:+886-2-2657-3299 FAX: +886-2-2657-3331						



#### Declaration

**BTL** represents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with standards traceable to international standard(s) and/or national standard(s).

**BTL**'s reports apply only to the specific samples tested under conditions. It is manufacture's responsibility to ensure that additional production units of this model are manufactured with the identical electrical and mechanical components. **BTL** shall have no liability for any declarations, inferences or generalizations drawn by the client or others from **BTL** issued reports.

The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government.

This report is the confidential property of the client. As a mutual protection to the clients, the public and ourselves, the test report shall not be reproduced, except in full, without our written approval.

**BTL**'s laboratory quality assurance procedures are in compliance with the **ISO Guide 17025** requirements, and accredited by the conformity assessment authorities listed in this test report.

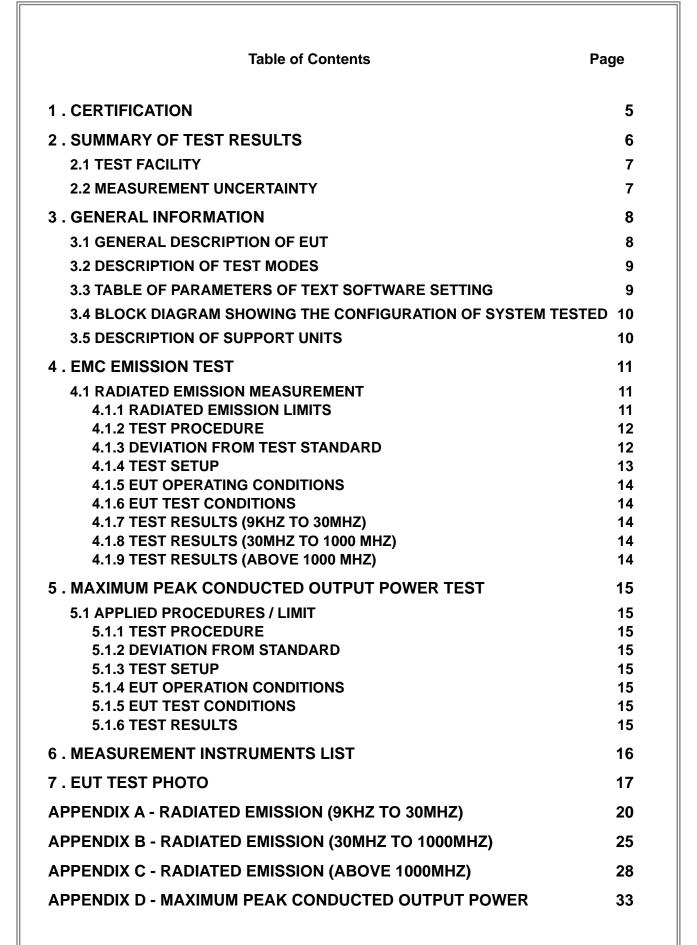
**BTL** is not responsible for the sampling stage, so the results only apply to the sample as received.

The information, data and test plan are provided by manufacturer, so it is manufacturer's responsibility to ensure that the apparatus meets the essential requirements in all the possible configurations as representative of its intended use.

#### Limitation

For the use of the authority's logo is limited unless the Test Standard(s)/Scope(s)/Item(s) mentioned in this test report is (are) included in the conformity assessment authorities acceptance respective.









## **REPORT ISSUED HISTORY**

Report Version	Description	Issued Date
R00	Original Issue. This is a supplementary report to the original test report (BTL-FICP-1-1803001). The difference compared with original report is change bandpass filter for Dipole Antenna. Only Peak Output Power and Radiated Emissions (TX B MODE Low Channel) test need to be verified and the other original test data are kept in this report.	Nov. 12, 2018
R01	Revised report to address TCB's comments.	Mar. 20, 2019



# **1. CERTIFICATION**

Equipment :	0
Brand Name :	Video-Doorbell 2
Series Model :	
Applicant :	0
	Goldtek Technology CO.,LTD.
Address :	16F., No166, Jian 1st Rd., Zhonghe Dist., New Taipei City 235, Taiwan (R.O.C.)
Factory	Goldtek Technology CO.,LTD.
Address	16F., No166, Jian 1st Rd., Zhonghe Dist., New Taipei City 235, Taiwan (R.O.C.)
Date of Test :	Oct. 23, 2018 ~ Nov. 08, 2018
Test Sample :	Engineering Sample
Standard(s) :	FCC Part15, Subpart C:(15.247) / ANSI C63.10-2013
	RSS-247 Issue 2, Feb. 2017
	RSS-GEN Issue 5, Apr. 2018

The above equipment has been tested and found in compliance with the requirement of the relative standards by BTL Inc.

The test data, data evaluation, and equipment configuration contained in our test report (Ref No. BTL-FICP-1-1803T001E) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of TAF according to the ISO-17025 quality assessment standard and technical standard(s).



# 2. SUMMARY OF TEST RESULTS

#### Test procedures according to the technical standard(s):

## Applied Standard(s): FCC Part15 (15.247) , Subpart C Canada RSS-247 Issue 2, Feb. 2017, RSS-GEN Issue 5, Apr. 2018

Standard(s) Section		Test Item	ludamont	Remark
FCC	IC	Test tieffi	Judgment	Remark
15.247(b)(3)	RSS-247 5.4 (d)	Peak Output Power	PASS	
15.247(d)/ 15.205/ 15.209	RSS-247 5.5	Transmitter Radiated Emissions	PASS	

#### NOTE:

(1)" N/A" denotes test is not applicable in this test report.

(2) Input power is supplied by battery.



#### 2.1 TEST FACILITY

The test facilities used to collect the test data in this report:

#### Radiated emission Test (Below 1 GHz):

**CB15:** (FCC RN:674415; FCC DN:TW0659; ISED Assigned Code:20088-5) No. 68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)

#### Radiated emission Test (Above 1 GHz):

CB15: (FCC RN:674415; FCC DN:TW0659; ISED Assigned Code:20088-5)

No. 68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)

#### 2.2 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. The BTL measurement uncertainty is less than the CISPR 16-4-2  $U_{cispr}$  requirement.

The reported uncertainty of measurement  $y \pm U$ , where expanded uncertainty U is based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95 %.

A. Radiated emission test:

Test Site	Method Measurement Frequency Range		U,(dB)
CB15	CISPR	9kHz ~ 150kHz	2.82
(3m)		150kHz ~ 30MHz	2.58

Test Site	Method	Measurement Frequency Range		U,(dB)
		30MHz ~ 200MHz	V	4.20
CB15	CISPR	30MHz ~ 200MHz	Н	3.64
(3m)		200MHz ~ 1,000MHz	V	4.56
		200MHz ~ 1,000MHz	Н	3.90

	Test Site	Method	Measurement Frequency Range	Ant.	U,(dB)
	CB15		1GHz ~ 6GHz	V	4.46
		CISPR	1GHz ~ 6GHz	Н	4.40
	(3m)		6GHz ~ 18GHz	V	3.88
			6GHz ~ 18GHz	Н	4.00

Test Site	Method	Measurement Frequency Range	U,(dB)
CB15	CISPR	18 ~ 26.5 GHz	4.62
(1m)	CIOPK	26.5 ~ 40 GHz	5.12

Our calculated Measurement Instrumentation Uncertainty is shown in the tables above. These are our  $U_{lab}$  values in CISPR 16-4-2 terminology.

Since Table 1 of CISPR 16-4-2 has values of measurement instrumentation uncertainty, called  $U_{CISPR}$ , as follows:

Conducted Disturbance (mains port) – 150 kHz – 30 MHz: 3.6 dB

Radiated Disturbance (electric field strength on an open area test site or alternative test site) – 30 MHz - 1000 MHz: 5.2 dB

It can be seen that our  $U_{lab}$  values are smaller than  $U_{CISPR}$ .

Note: unless specifically mentioned, the uncertainty of measurement has not been taken into account to declare the compliance or non-compliance to the specification.



# **3. GENERAL INFORMATION**

#### 3.1 GENERAL DESCRIPTION OF EUT

Equipment	Ring
Brand Name	ring
Test Model	Video-Doorbell 2
Series Model	N/A
Model Difference	N/A
Power Source	Battery supplied. (Battery is charged independently by USB power supply)
Power Rating	Battery charge input: DC 5V Battery output: (1) FUJI/V4: DC 3.65V 6040mAh 22.046Wh (2) WTELG/V4: DC 3.65V 6040mAh 22.046Wh (3) WTEPanasonic/V4: DC 3.65V 6040mAh 22.046Wh
Products Covered	3 * Battery: (1) FUJI/V4 (2) WTELG/V4 (3) WTEPanasonic /V4
Operation Frequency	2412~2462 MHz
Modulation Technology	802.11b:DSSS 802.11g:OFDM 802.11n:OFDM
Bit Rate of Transmitter	802.11b: 11/5.5/2/1 Mbps 802.11g: 54/48/36/24/18/12/9/6 Mbps 802.11n up to 72.2 Mbps
Output Power (Max.)	802.11b: 14.52dBm 802.11g: 17.13dBm 802.11n(20MHz): 17.04dBm

#### Note:

- 1. For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.
- 2. Channel List:

	CH01 – CH11 for 802.11b, 802.11g, 802.11n(20MHz)						
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
01	2412	04	2427	07	2442	10	2457
02	2417	05	2432	08	2447	11	2462
03	2422	06	2437	09	2452		

#### 3. Table for Filed Antenna:

Ant.	Manufacturer	Model Name	Antenna Type	Connector	Gain (dBi)
1	WIESON	GY196HT0264L-010	Dipole Antenna	SMA	1.38



## 3.2 DESCRIPTION OF TEST MODES

The test system was pre-tested based on the consideration of all possible combinations of EUT operation mode.

Following mode(s) as (were) found to be the worst case(s) and selected for the final test.

Test Items	Test mode	Channel	Note
Transmitter Radiated Emissions (BELOW 1GHz)	TX B MODE	11	
Transmitter Radiated Emissions (ABOVE 1GHz)	TX B MODE	11	
	TX B MODE	01/06/11	
Peak Output Power	TX G MODE	01/06/11	
	TX N-20M MODE	01/06/11	

Note:

(1) The measurements are performed at the high, middle, low available channels.

(2) 802.11b mode: DBPSK (1Mbps)

802.11g mode: OFDM (6Mbps)

802.11n HT20 mode : BPSK (MCS 0)

For radiated emission tests, the highest output powers were set for final test.

#### 3.3 TABLE OF PARAMETERS OF TEXT SOFTWARE SETTING

During testing, channel & power controlling software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product power parameters of WLAN

Test software version	RadioToolGUI Version 0.8.5973.20907				
Frequency (MHz)	2412 2437 2462				
802.11b	0	0	0		
802.11g	0	0	0		
802.11n (20MHz)	0	0	0		



# 3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

## 3.5 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.

Item	Equipment	Mfr/Brand	Model/Type No.	FCC ID	Series No.
-	-	-	-	-	-

Item	Shielded Type	Ferrite Core	Length	Note
-	-	-	-	-



# 4. EMC EMISSION TEST

#### 4.1 RADIATED EMISSION MEASUREMENT

#### 4.1.1 RADIATED EMISSION LIMITS

In case the emission fall within the restricted band specified on 15.205(a) & RSS-247 5.5, then the 15.209(a) & RSS-Gen limit in the table below has to be followed.

#### LIMITS OF RADIATED EMISSION MEASUREMENT (9KHz-1000MHz)

Frequency	Field Strength	Measurement Distance
(MHz)	(microvolts/meter)	(meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
960~1000	500	3

#### LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000MHz)

	(dBuV/m) (at 3 meters)			
Frequency (MHz)	PEAK	AVERAGE		
Above 1000	74	54		

Notes:

- (1) The limit for radiated test was performed according to FCC PART 15C/RSS-247.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).
- (4) The test result calculated as following:

Measurement Value = Reading Level + Correct Factor Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain(if use) Margin Level = Measurement Value - Limit Value



Spectrum Parameter	Setting		
Attenuation	Auto		
Start Frequency	1000 MHz		
Stop Frequency	10th carrier harmonic		
RBW / VBW	1MHz / 3MHz for Peak,		
(Emission in restricted band)	1MHz / 1/T for Average		
Receiver Parameter	Setting		
Attenuation	Auto		

Start ~ Stop Frequency	9KHz~90KHz for PK/AVG detector
Start ~ Stop Frequency	90KHz~110KHz for QP detector
Start ~ Stop Frequency	110KHz~490KHz for PK/AVG detector
Start ~ Stop Frequency	490KHz~30MHz for QP detector
Start ~ Stop Frequency	30MHz~1000MHz for QP detector

#### 4.1.2 TEST PROCEDURE

- a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
- b. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 1.5 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(above 1GHz)
- c. The height of the equipment or of the substitution antenna shall be 0.8m or 1.5m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights find the maximum reading (used Bore sight function).
- e. The receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1GHz.
- f. The initial step in collecting radiated emission data is a receiver peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- g. All readings are Peak unless otherwise stated QP in column of Note. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform. (below 1GHz)
- h. All readings are Peak Mode value unless otherwise stated AVG in column of Note. If the Peak Mode Measured value compliance with the Peak Limits and lower than AVG Limits, the EUT shall be deemed to meet both Peak & AVG Limits and then only Peak Mode was measured, but AVG Mode didn't perform. (above 1GHz)
- i. For the actual test configuration, please refer to the related Item -EUT Test Photos.

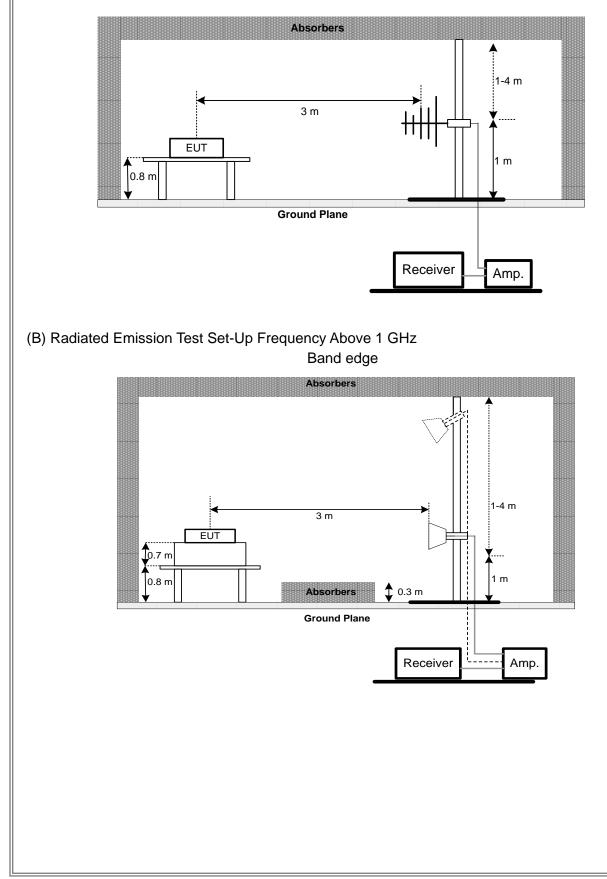
#### 4.1.3 DEVIATION FROM TEST STANDARD

No deviation



## 4.1.4 TEST SETUP

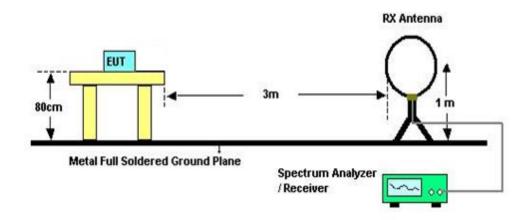
(A) Radiated Emission Test Set-Up Frequency Below 1 GHz







(C) For Radiated Emissions Below 30MHz



#### 4.1.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

#### 4.1.6 EUT TEST CONDITIONS

Temperature: 25°C Relative Humidity: 55% Test Voltage: DC 3.6V

#### 4.1.7 TEST RESULTS (9KHZ TO 30MHZ)

Please refer to the Appendix A.

Remark:

- (1) The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.
- (2) Distance extrapolation factor = 40 log (specific distance / test distance) (dB).
- (3) Limit line = specific limits (dBuV) + distance extrapolation factor.

#### 4.1.8 TEST RESULTS (30MHZ TO 1000 MHZ)

Please refer to the Appendix B.

#### 4.1.9 TEST RESULTS (ABOVE 1000 MHZ)

Please refer to the Appendix C.

Remark:

(1) No limit: This is fundamental signal, the judgment is not applicable. For fundamental signal judgment was referred to Peak output test.



# 5. MAXIMUM PEAK CONDUCTED OUTPUT POWER TEST

#### 5.1 APPLIED PROCEDURES / LIMIT

FCC Part15 (15.247) , Subpart C/ RSS-247						
Section	Test Item	Limit	Frequency Range (MHz)	Result		
15.247(b)(3) RSS-247 5.4 (d)	Maximum Output Power	1 Watt or 30dBm	2400-2483.5	PASS		

#### 5.1.1 TEST PROCEDURE

- a. The EUT was directly connected to the power meter and antenna output port as show in the block diagram below,
- b. The maximum peak conducted output power was performed in accordance with method 9.1.2 of FCC KDB 558074 D01 DTS Meas Guidance.

#### 5.1.2 DEVIATION FROM STANDARD

No deviation.

#### 5.1.3 TEST SETUP



#### 5.1.4 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

#### 5.1.5 EUT TEST CONDITIONS

Temperature: 25°C Relative Humidity: 55% Test Voltage: DC 3.6V

#### 5.1.6 TEST RESULTS

Please refer to the Appendix D.



# 6. MEASUREMENT INSTRUMENTS LIST

		Radiated Emis	ssion Measurem	ent	
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Preamplifier	EMCI	012645B	980267	Apr. 14, 2019
2	Preamplifier	EMCI	EMC02325	980217	Apr. 14, 2019
3	Preamplifier	EMCI	EMC2654045	980030	Apr. 14, 2019
4	Test Cable	EMCI	EMC104-SM-S M-8000	8m	Apr. 14, 2019
5	Test Cable	EMCI	EMC104-SM-S M-800	150207	Apr. 14, 2019
6	Test Cable	EMCI	EEMC104-SM-S M-3000	151205	Apr. 14, 2019
7	MXE EMI Receiver	Agilent	N9038A	MY5542012 7	Jan. 27, 2019
8	Signal Analyzer	Agilent	N9010A	MY5222099 0	May 22, 2019
9	Loop Ant	EMCI	LPA600	274	May 03, 2019
10	Horn Ant	SCHWARZBECK	BBHA 9120D	9120D-1342	May 02, 2019
11	Horn Ant	Schwarzbeck	BBHA 9170	187	Aug. 16, 2019
12	Trilog-Broadband Antenna	Schwarzbeck	VULB 9168	9168-548	Mar. 22, 2019
13	5dB Attenuator	EMCI	EMCI-N-6-05	AT-N0623	Mar. 22, 2019

	Peak Output Power Measurement							
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until			
1	Power Meter	Anritsu	ML2495A	1128008	Aug. 15, 2019			
2	Power Sensor	Anritsu	MA2411B	1126001	Aug. 15, 2019			

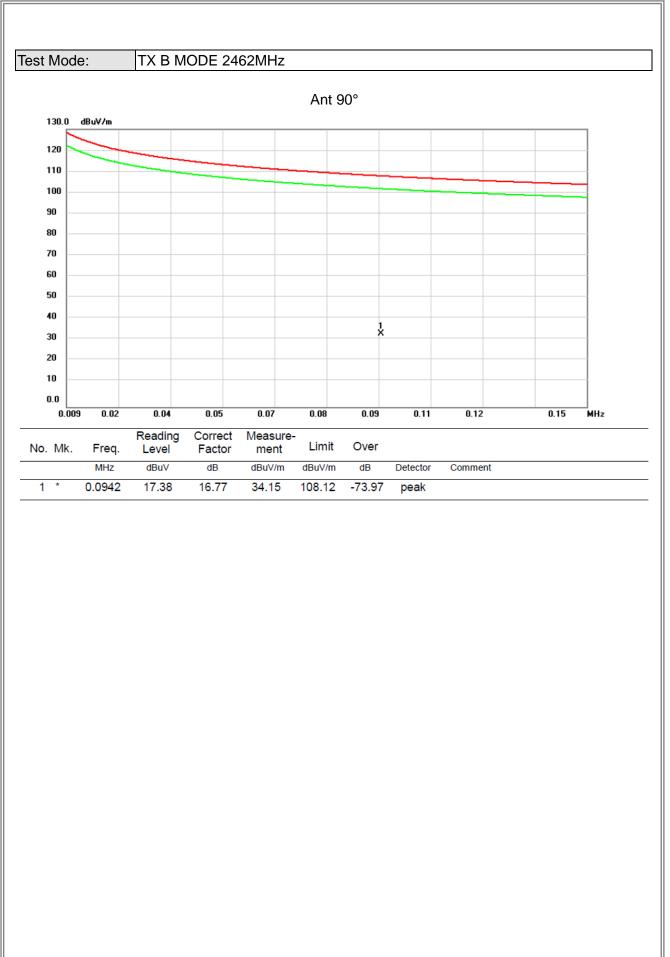
Remark: "N/A" denotes no model name, serial no. or calibration specified. All calibration period of equipment list is one year.



# **APPENDIX A - RADIATED EMISSION (9KHZ TO 30MHZ)**







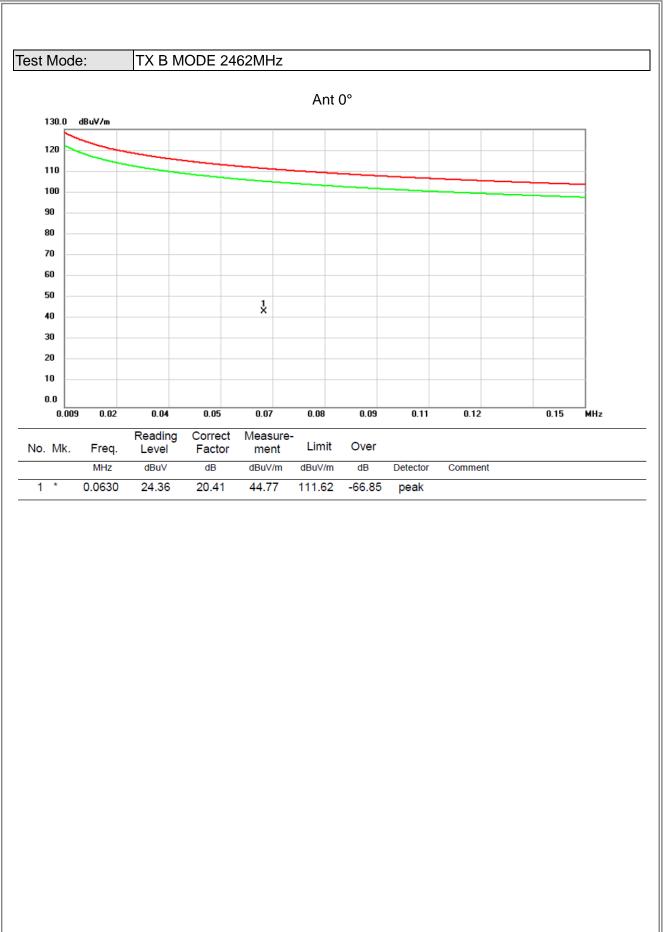






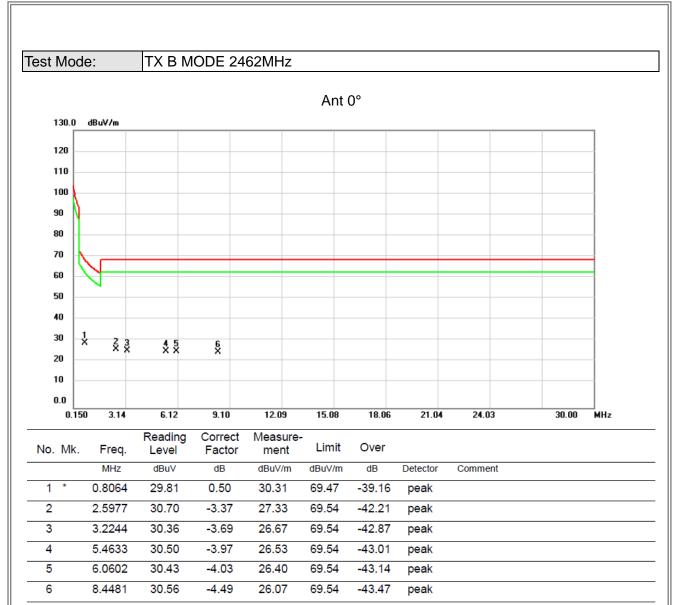
















# **APPENDIX B - RADIATED EMISSION (30MHZ TO 1000MHZ)**





st M	ode TX	B MOD	E 2462N	lHz				Polariza	ation	Vertical
80.0	dBuV/m									
70										
60										
50										
40									6 X	
30				3 X		*	5 X		x	
20	×	2 X								
10										
0.0										
30	0.000 127.00	224.00	321.00	418.00	515.00	612.00	709.0	0 806.0	00	1000.00 MHz
o. Mk	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over				
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Commer	nt	
1	46.4900	30.49	-8.15	22.34	40.00	-17.66	peak			
2	186.1700	33.76	-10.49	23.27	43.50	-20.23	peak			
3	411.2100	31.90	-4.79	27.11	46.00	-18.89	peak			
4	564.4700	31.22	-1.55	29.67	46.00	-16.33	peak			
5	687.6600	31.69	1.02	32.71	46.00	-13.29	peak			
6 *	856.4400	30.64	4.10	34.74	46.00	-11.26	peak			





st M	ode TX	B MODE	2462M	Hz				Polarizat	tion	Horizontal
80.0	dBu∀/m									
70										
60										
50										
40								c		
30	1×	2	3		4 ×		5 X	e K		
20	^	2 X	ж							
10										
0.0	.000 127.00	224.00	321.00	418.00	515.00	612.00	709.	00 000 0	0	1000.00 MHz
Ju D. Mk		Reading Level	Correct Factor	Measure-	Limit	Over	709.	.00 806.0	JU	TUUU.UU MHZ
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Commer	nt	
1	46.4900	33.31	-8.15	25.16	40.00	-14.84	peak			
2	168.7100	31.46	-8.82	22.64	43.50	-20.86	peak			
3	322.9400	30.41	-6.91	23.50	46.00	-22.50	peak			
4	488.8100	30.06	-3.12	26.94	46.00	-19.06	peak			
5	656.6200	30.46	0.33	30.79	46.00	-15.21	peak			



# APPENDIX C - RADIATED EMISSION (ABOVE 1000MHZ)





s	t N	lode TX	( B MOD	E_2462	MHz			l	Polarization	Vertical
1	20.0	dBuV/m								
1	10									
1	00									
9	0					*				
8	:0					( )	7-			
7	0						- N			
6	:0				/					
5	10						$\rightarrow$		3 X	
4	0						L L		4	
3	:0								×	
2	:0									
1	0									
0	.0									
	24	12.000 2422.0		2442.00	2452.00	2462.00	2472.0	0 2482.	00 2492.00	2512.00 MHz
	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
	Х	2462.000	61.97	31.09	93.06	74.00	19.06	peak	No Limit	
2	*	2462.000	58.72	31.09	89.81	54.00	35.81	AVG	No Limit	
}		2487.048	17.52	31.18	48.70	74.00	-25.30	peak		
		2487.048	5.64	31.18	36.82	54.00	-17.18	AVG		





est N	Node	TX B	MOD	E_246	2 MHz				Polarization	Vertical
120.	0 dBu∀/m									
110										
100										
90										
80										
70										
60										
50		1 X 3								
40		1 3 2 X X 4								
30		×								
20										
10										
0.0										
1	000.000 3550		6100.00	8650.0		13750.00	) 16300	.00 1885	0.00 21400.00	26500.00 MHz
o. M	k. Freq	Re . Le	ading evel	Correct Factor		Limit	Over			
	MHz		BuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
1	4103.000		9.82	-12.84		74.00	-27.02	peak		
2 *	1100.000		4.28	-12.84		54.00	-12.56	AVG		
3	4924.000		5.60	-11.37		74.00	-29.77	peak		
4	4924.000	) 40	6.63	-11.37	35.26	54.00	-18.74	AVG		





s	t N	lode TX	( B MODI	E_2462	MHz			F	Polarization	Horizontal
1	20.0	) dBu¥/m								
1	10									
1	00									
ę	10					*				
ŧ	10						$\mathcal{F}$			
7	ro				/`	, 	·\			
e	:0				/					
Ę	10							$\sim$	3 X	
4	10			~~~~			\		4	
3	0								×	
2	20									
	0									
	0.0									
	24	12.000 2422.0	2432.00	2442.00	2452.00	2462.00	2472.0	0 2482.0	00 2492.00	2512.00 MHz
lo.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
		2462.000	62.87	31.09	93.96	74.00	19.96	peak	No Limit	
2	*	2462.000	59.40	31.09	90.49	54.00	36.49	AVG	No Limit	
3		2487.889	17.66	31.19	48.85	74.00	-25.15	peak		
4		2487.889	5.65	31.19	36.84	54.00	-17.16	AVG		





est Mode	TX E	B MOD	E_2462	MHz				Polarization	Horizontal
120.0 dBuV	7m								
110									
100									
90									
80									
70									
60									
50		2							
40	1 X X	3 4							
30		×							
20									
10									
0.0									
1000.000		6100.00	8650.00	11200.00	13750.00	16300.	.00 1885	0.00 21400.00	26500.00 MHz
o. Mk. F		Reading Level	Correct Factor	Measure- ment	Limit	Over			
N	1Hz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
1 4103		57.25	-12.84	44.41	74.00	-29.59	peak		
2 * 4103		54.40	-12.84	41.56	54.00	-12.44	AVG		
3 4924 4 4924		55.88	-11.37	44.51	74.00	-29.49	peak		
a ayoa	000	47.56	-11.37	36.19	54.00	-17.81	AVG		



# **APPENDIX D - MAXIMUM PEAK CONDUCTED OUTPUT POWER**



Test Mode :TX B Mode_CH01/06/11										
Frequency	Conducted	Conducted	Max. Limit	Max. Limit	Result					
(MHz)	Power (dBm)	Power (W)	(dBm)	(W)	Result					
2412	14.23	0.0265	30.00	1.00	Complies					
2437	14.47	0.0280	30.00	1.00	Complies					
2462	14.52	0.0283	30.00	1.00	Complies					

Test Mode :TX G Mode_CH01/06/11										
Frequency	Conducted	Conducted	Max. Limit	Max. Limit	Result					
(MHz)	Power (dBm)	Power (W)	(dBm)	(W)	Result					
2412	16.57	0.0454	30.00	1.00	Complies					
2437	17.13	0.0516	30.00	1.00	Complies					
2462	17.03	0.0505	30.00	1.00	Complies					

Test Mode :TX N20 Mode_CH01/06/11									
Frequency	Conducted	Conducted	Max. Limit	Max. Limit	Result				
(MHz)	Power (dBm)	Power (W)	(dBm)	(W)	Result				
2412	16.16	0.0413	30.00	1.00	Complies				
2437	17.04	0.0506	30.00	1.00	Complies				
2462	16.70	0.0468	30.00	1.00	Complies				

End of Test Report