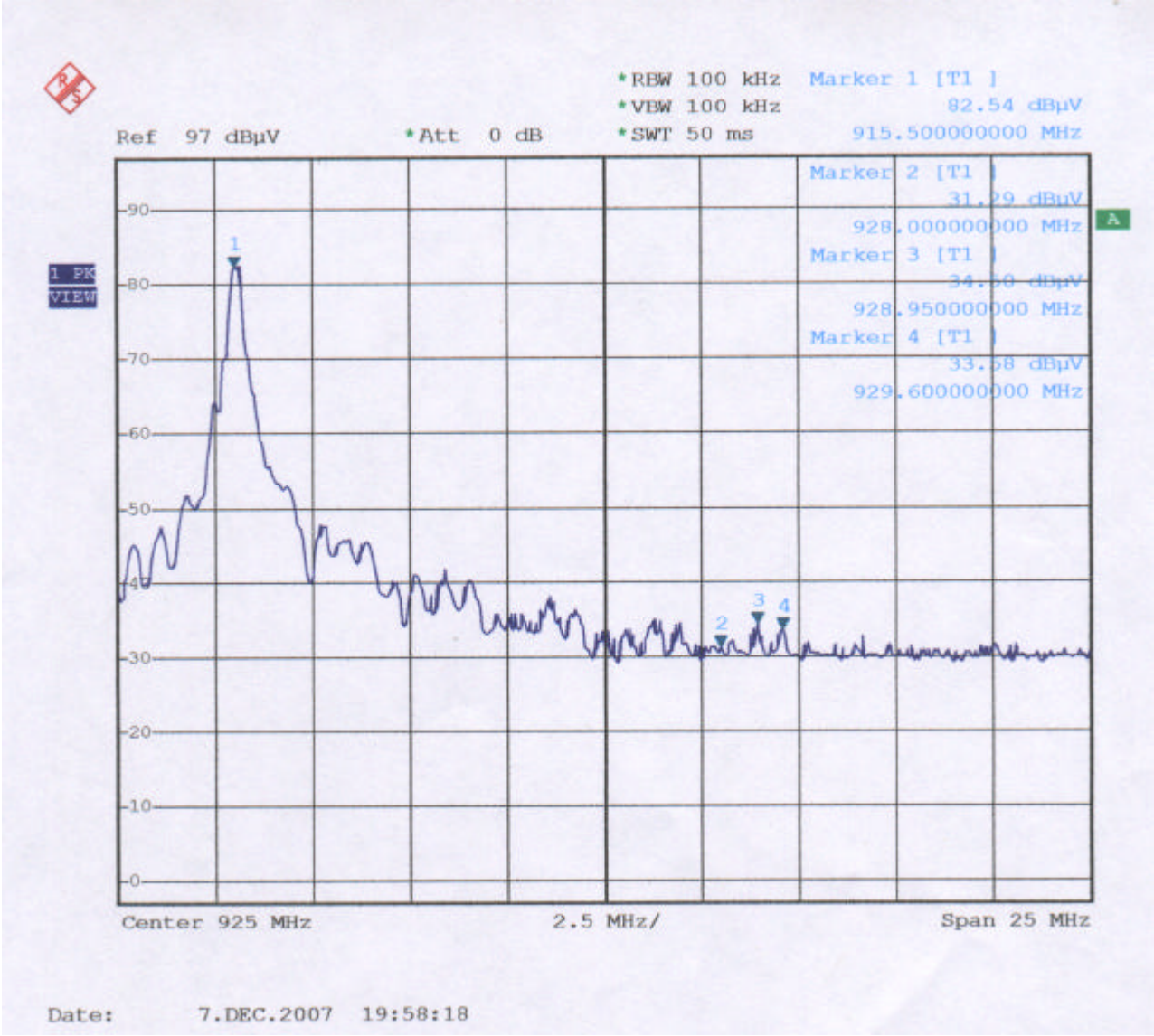
Channel : CH HIGH

Polarity : Horizontal



Test method : Public Notice DA 00-705

Detect : Peak Value

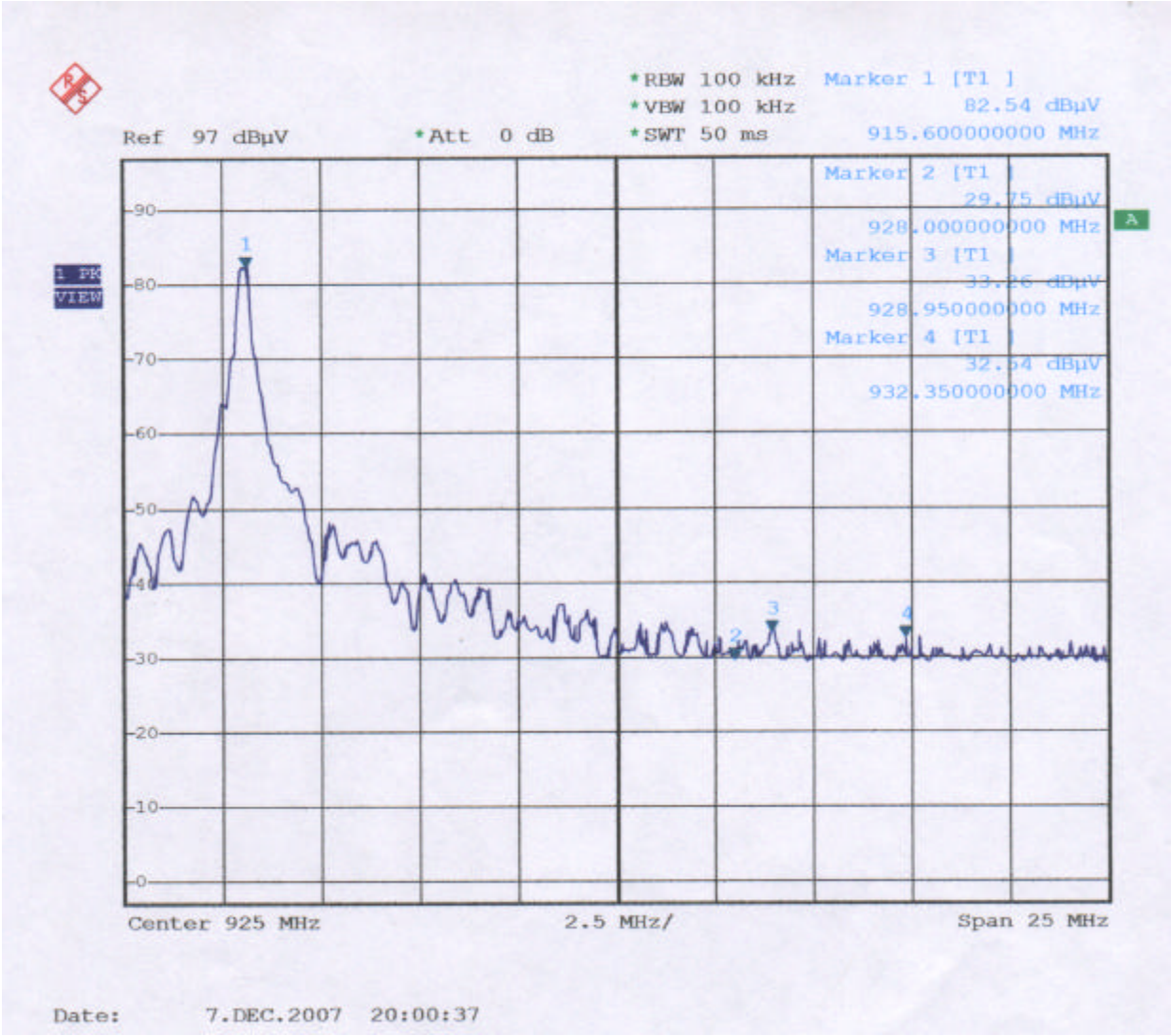
Marker-Delta method :

82.54dBuV/m-31.29 dBuV/m =51.25dBuV/m

88.61 dBuV/m-51.25 dBuV/m=37.36 dBuV/m

Channel : CH HIGH

Polarity : Vertical



Test method : Public Notice DA 00-705

Detect : Peak Value

Marker-Delta method :

82.54dBuV/m-29.75 BuV/m =52.79dBuV/m

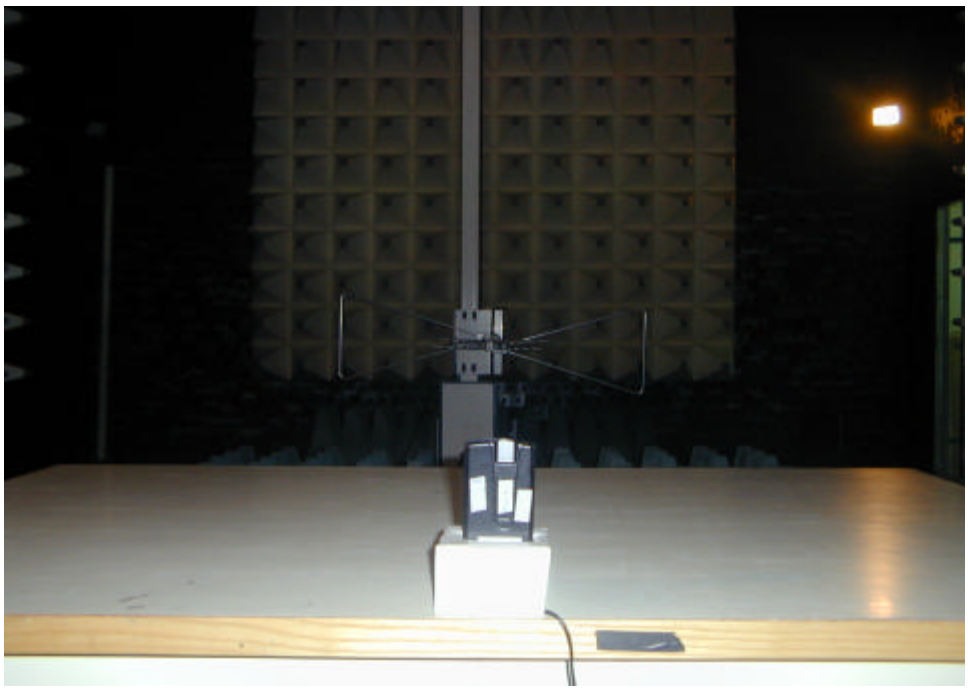
88.21 dBuV/m-52.79 dBuV/m=35.42 dBuV/m

Radiate Emission Testing Photo.

FCC ID ： VRF-BL01

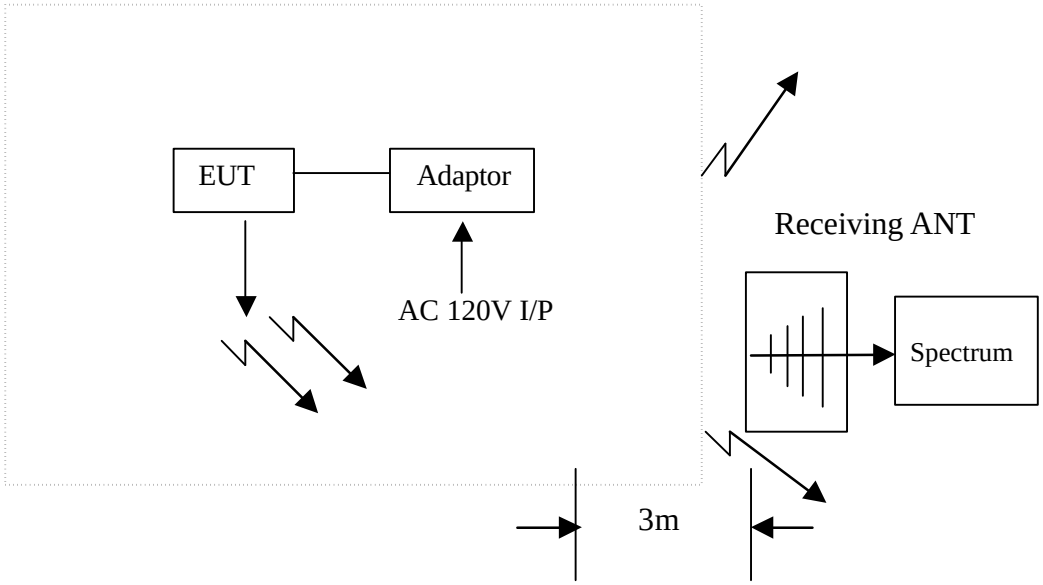
< FRONT VIEW >

< REAR VIEW >



FCC ID ： VRF-BL01

EUT Model No. BL01



Ⅷ. §15.247(d) : Power Spectral Density

FCC ID ：VRF-BL01

The summary below is the highest power spectral density of the EUT Model No. BL01

RBW = 3KHz VBW = 10KHz sweep time : auto

Channel	Polarity (H/V)	Frequency (MHz)	Level (dBm)	Limit (dBm)	Pass/Fail
LOW	(H)	903.000	-11.87	8	Pass
	(V)	903.000	-13.03	8	
MID	(H)	909.480	-10.60	8	Pass
	(V)	909.480	-12.39	8	
HIGH	(H)	915.570	-9.19	8	Pass
	(V)	915.570	-11.41	8	

Note:

1. “S.P. read” means spectrum analyzer read power density .
2. “C.F.” means correct factor = antenna factor + cable loss – Preamplifier Gain .
3. “Level” means power spectral density .

E.R.P. = $(E\ d)^2 / 30G$

where E (V) = S.P. read + C.F.

d (m) = measurement distance = 3m

G = 1 (the gain of the transmitting antenna over isotropic antenna)

Example :

If Level = 120 dBuV/m

$10^{(120/20)} \times 10^{-6} = 1$ V

E.R.P. = $(1 \times 3)^2 / 30$ = 300 mW = 10 Log (300mW/1mW)

= 24.77dBm

Spectrum of Power Spectral Density

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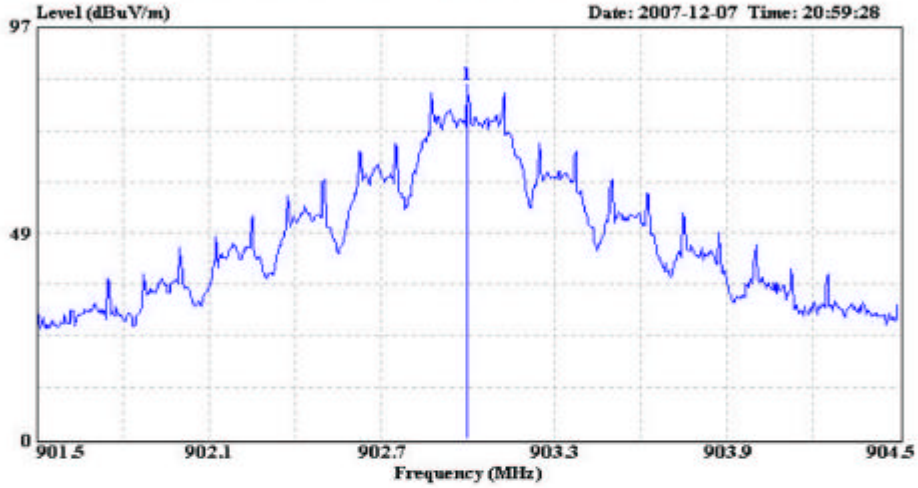
PEP Testing Laboratory

Data#: 70 File#: C:\Program Files\e3\客戶測試\RF 產品測試\肯創\FCC ID.EMI



Site : chamber_3 (JOE)
Condition : 3m CBL6112B.H3 HORIZONTAL
EUT : E960427
Power : DC 3.7V
Memo : FCC ID
Memo : CH LOW (902.9997253MHz)
Memo : The Power Spectral Density

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB	
1	903.000	83.36	------	------	78.58	20.52	4.26	20.00	

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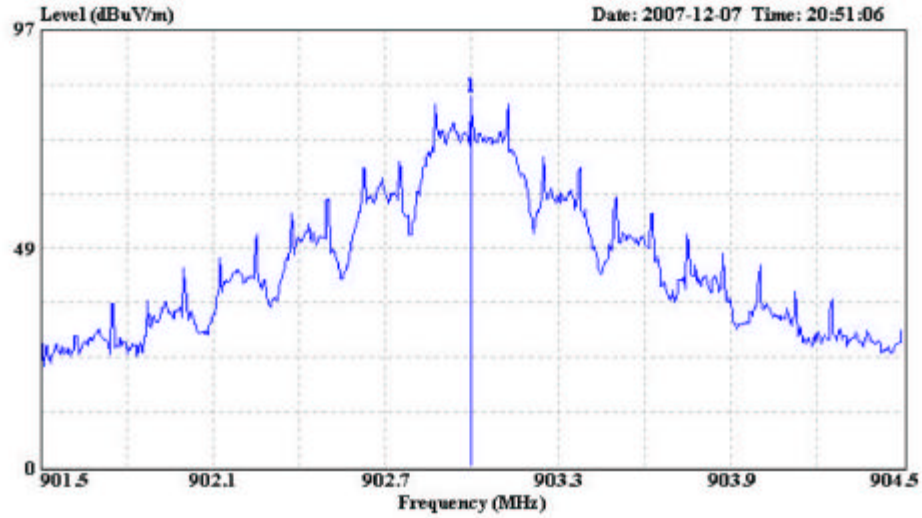
PEP Testing Laboratory

Data#: 69 File#: C:\Program Files\e3\客戶測試\RF 產品測試\肯創\FCC ID.EMI



Site : chamber_3 (JOE)
Condition : 3m CBL6112B.V3 VERTICAL
EUT : E960427
Power : DC 3.7V
Memo : FCC ID
Memo : CH LOW (902.9997253MHz)
Memo : The Power Spectral Density

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB	
1	903.000	82.20	------	------	77.42	20.52	4.26	20.00	

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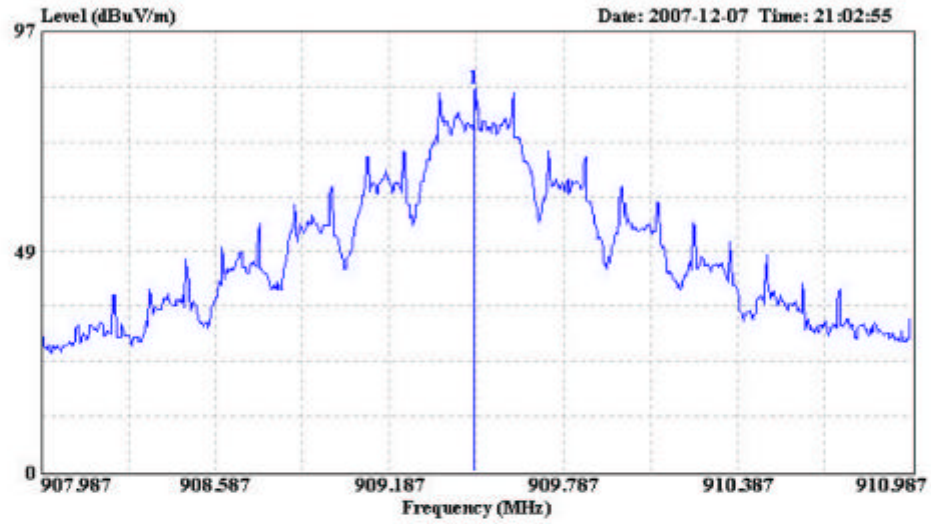
PEP Testing Laboratory

Data#: 71 File#: C:\Program Files\e3\客戶測試\RF 產品測試\肯創\FCC ID.EMI



Site : chamber_3 (JOE)
Condition : 3m CBL6112B.H3 HORIZONTAL
EUT : E960427
Power : DC 3.7V
Memo : FCC ID
Memo : CH MID (909.48703MHz)
Memo : The Power Spectral Density

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB	
1	909.480	84.63	------	------	79.79	20.55	4.29	20.00	

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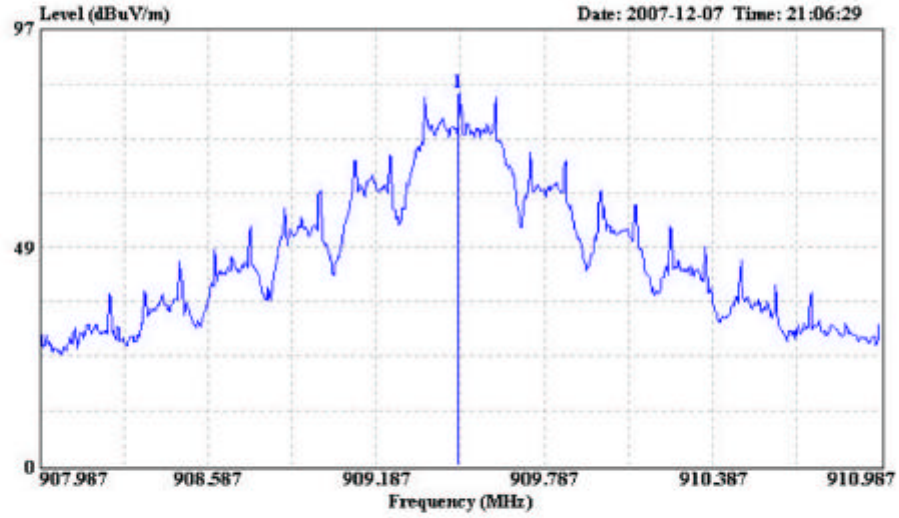
PEP Testing Laboratory

Data#: 72 File#: C:\Program Files\e3\客戶測試\RF 產品測試\肯創\FCC ID.EMI



Site : chamber_3 (JOE)
Condition : 3m CBL6112B.V3 VERTICAL
EUT : E960427
Power : DC 3.7V
Memo : FCC ID
Memo : CH MID (909.48703MHz)
Memo : The Power Spectral Density

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB	
1	909.480	82.84	------	------	78.00	20.55	4.29	20.00	

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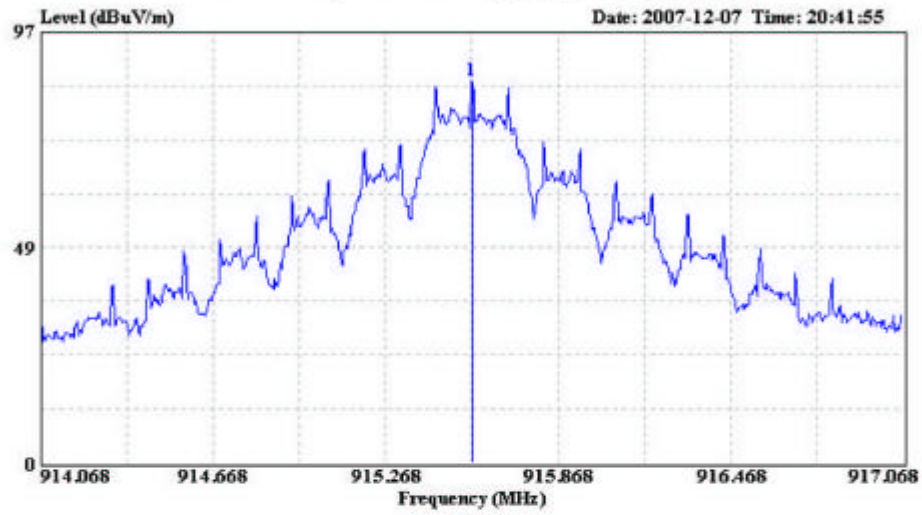
PEP Testing Laboratory

Data#: 67 File#: C:\Program Files\e3\客戶測試\RF 產品測試\肯創\FCC ID.EMI



Site : chamber_3 (JOE)
Condition : 3m CBL6112B.H3 HORIZONTAL
EUT : E960427
Power : DC 3.7V
Memo : FCC ID
Memo : CH HIGH (915.5688782MHz)
Memo : The Power Spectral Density

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB	
1	915.570	86.04	------	------	81.15	20.58	4.31	20.00	

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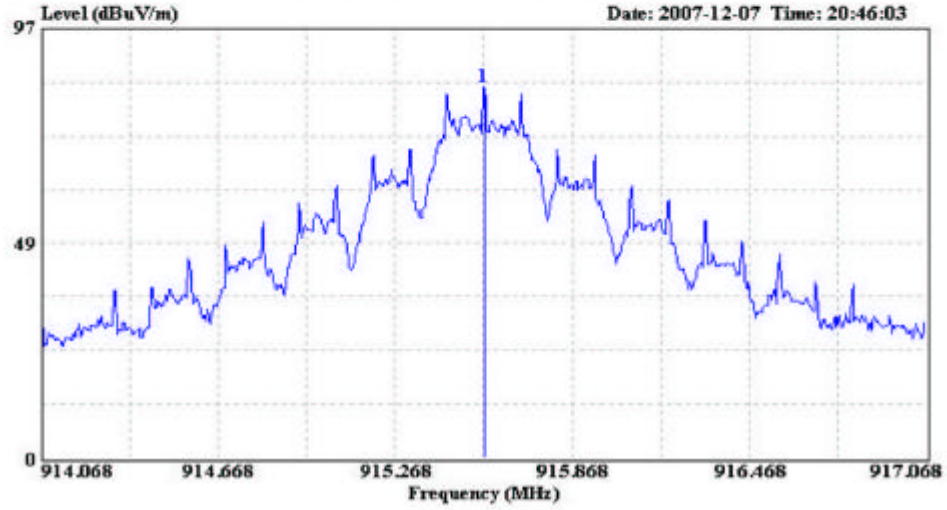
PEP Testing Laboratory

Data#: 68 File#: C:\Program Files\e3\客戶測試\RF 產品測試\肯創\FCC ID.EMI



Site : chamber_3 (JOE)
Condition : 3m CBL6112B.V3 VERTICAL
EUT : E960427
Power : DC 3.7V
Memo : FCC ID
Memo : CH HIGH (915.5688782MHz)
Memo : The Power Spectral Density

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB	
1	915.570	83.82	------	------	78.93	20.58	4.31	20.00	

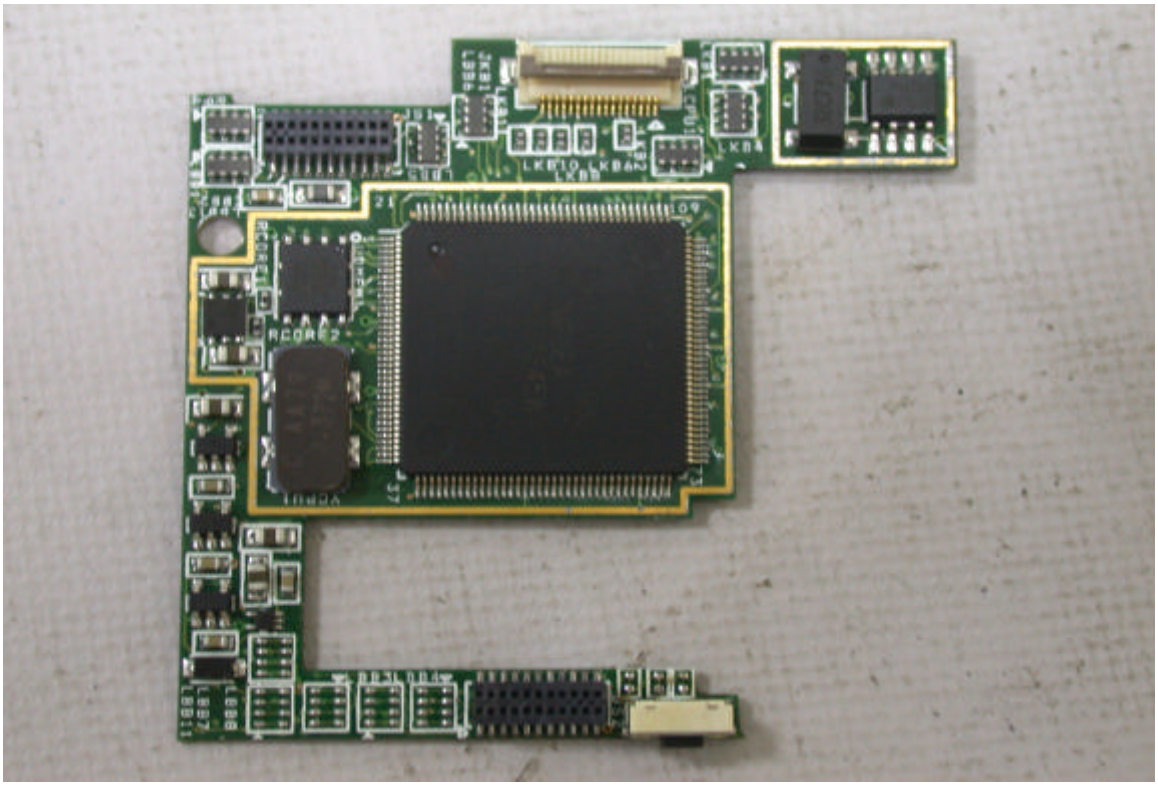
X. List of Test Instruments

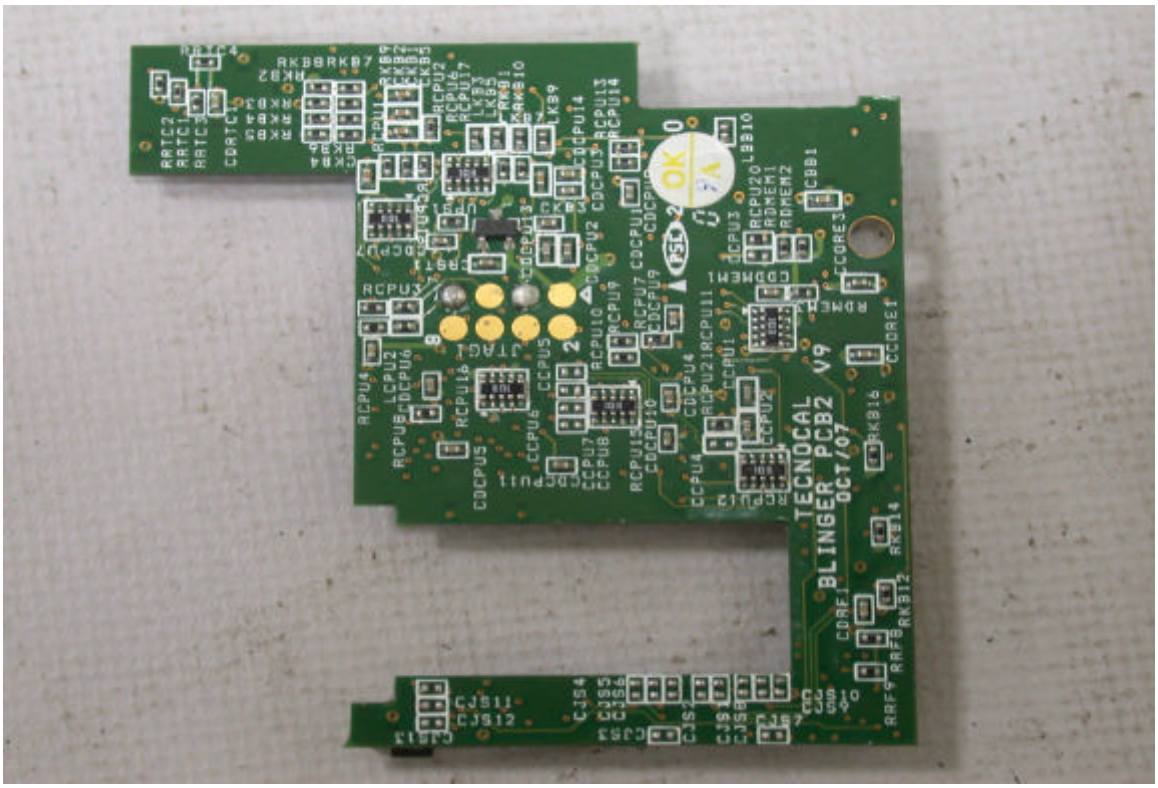
Test Site	Instrument	Model No.	S/N	Next Cal. Date	Cal. Interval
Conduction (No.1)	R & S Spectrum	FSP 3	833387/001	Aug. 12, 2008	1Year
	R & S Receiver	ESHS10	830223/008	Sep. 08, 2008	1Year
	R & S 16A LISN(EUT)	ESH3-Z5	100070	Sep. 12, 2008	1Year
	ROLF HEINE 63A LISN(EUT)	NNB-4/63TL	98008	Sep. 18, 2008	1Year
	RF Cable	No.4	N/A	Jan. 02, 2008	1Year
Radiation (OP No.3)	R & S Receiver	ESVS 30	863342/012	Aug. 12, 2008	1Year
	Schaffner Pre-Amp.	CPA-9232	1012	Jan. 02, 2008	1Year
	SCHWARZBECK Antenna	9161	9161-4077	July 21, 2008	1Year
	RF Cable	No.3	N/A	Jan. 02, 2008	1Year
	R & S Signal Generator	SMY02	829846/038	May 01, 2008	2Year
Chamber (No. 3)	R&S Spectrum Analyzer	FSP30	100157	Sep. 01, 2008	1Year
	Schaffner Pre-Amplifier	CPA-9232	1028	Jan. 02, 2008	1Year
	SCHWARZBECK Antenna	VULB9161	4078	July 21, 2008	1Year
	R & S Signal Generator	SMY02	830235/019	May 01, 2008	2Years
	30MHz~1GHz RF Cable	NO.3	N/A	Jan. 02, 2008	1Year
	COM POWER HORN ANTENNA	AH-118	10056	Oct. 01, 2008	2Years
	MITEQ Pre-Amplifier	JS4-00101800-28-5A	829013	Sep. 28, 2008	2Years
	1GHz~26.5GHz RF Cable	N/A	N/A	Sep. 28, 2008	2Years

XI. EUT Photos

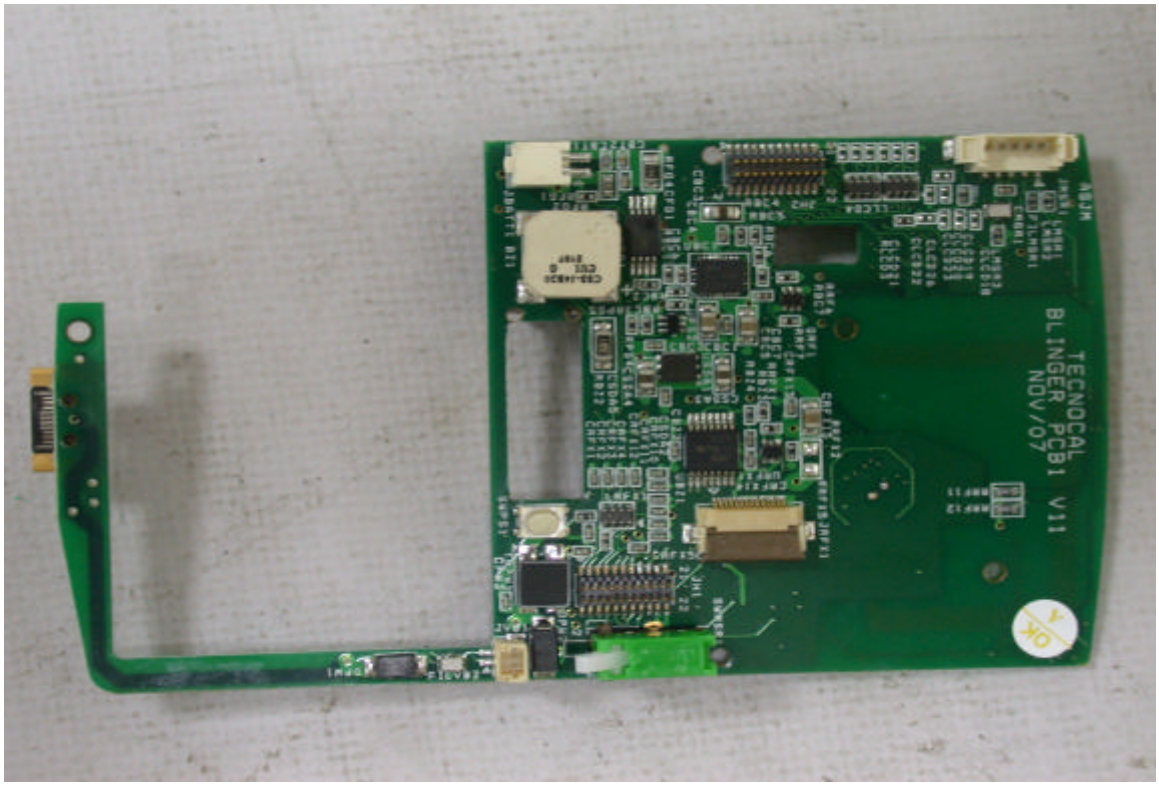
MODEL NO. : BL01

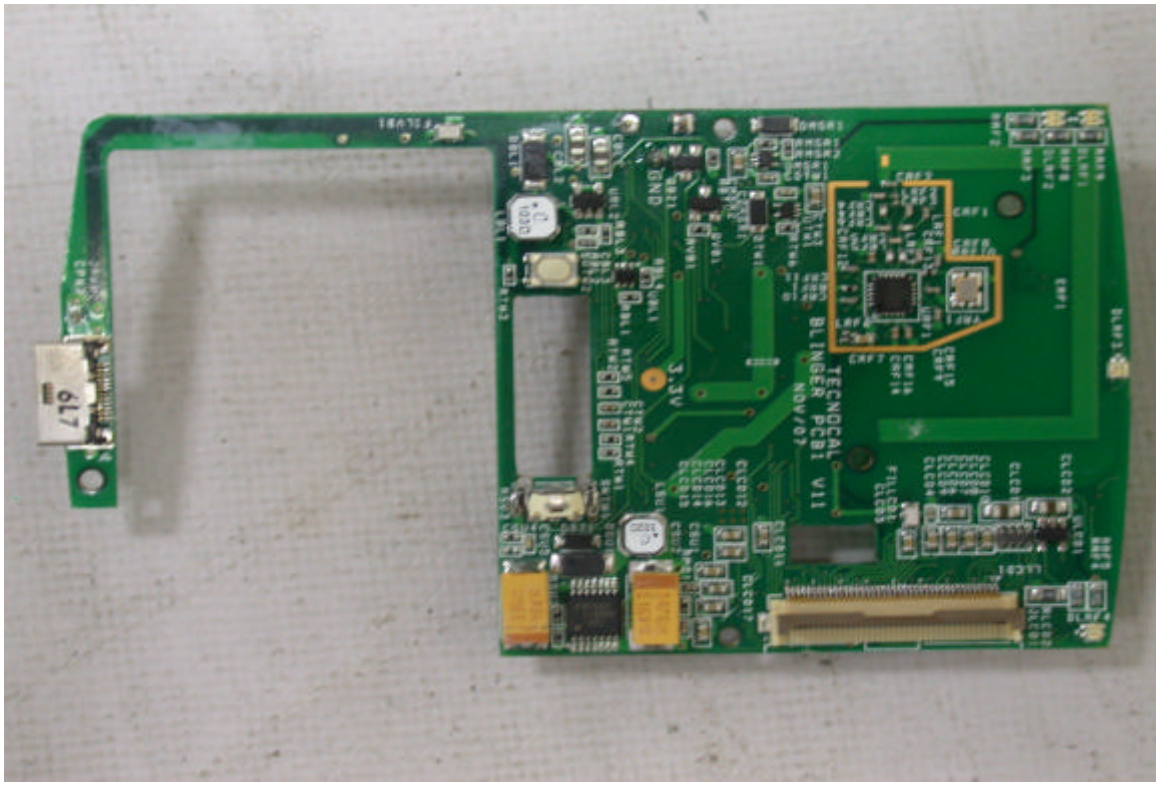

ADVANTRA
A410 006 16004
PA: 37211560
ESN:
TECNOCAL
BLINGER PCB1 V11
NOV/07




TECNOCAL
BLINGER PCB2 V9
OCT/07

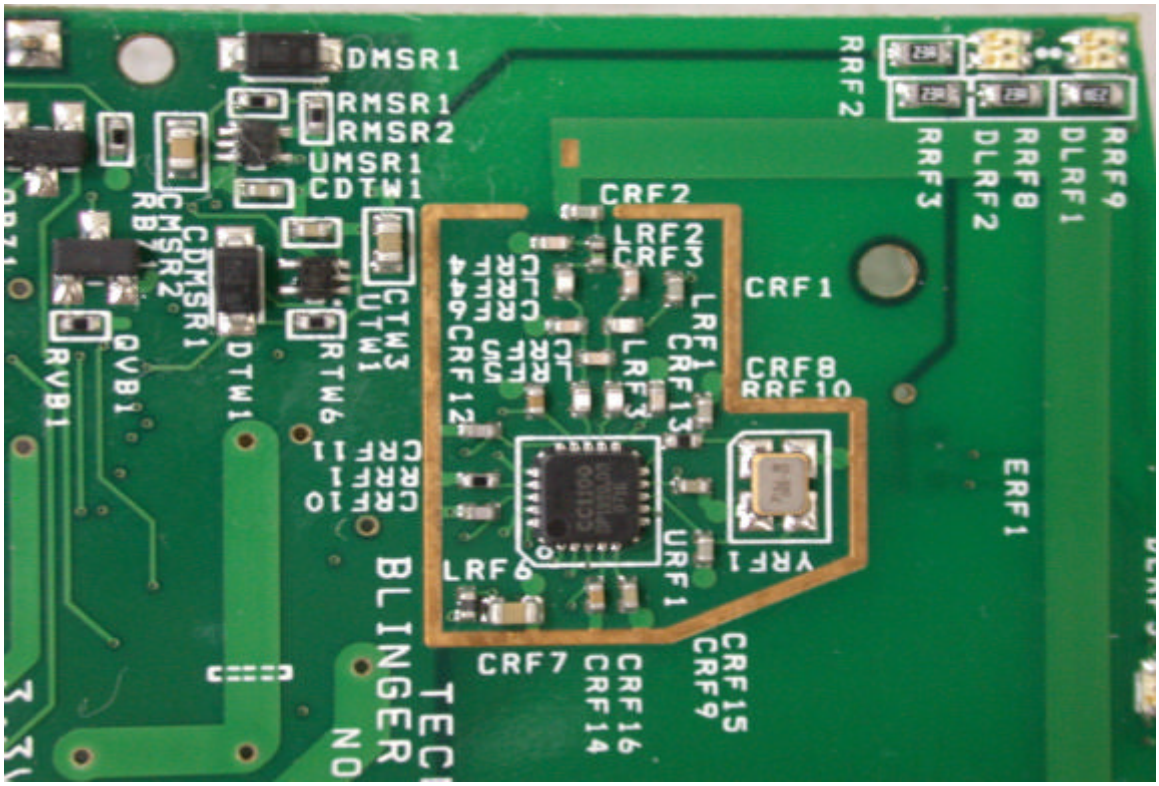

F-51824FNF-SLW-AE
06Z3M5-B0
MADE IN JAPAN

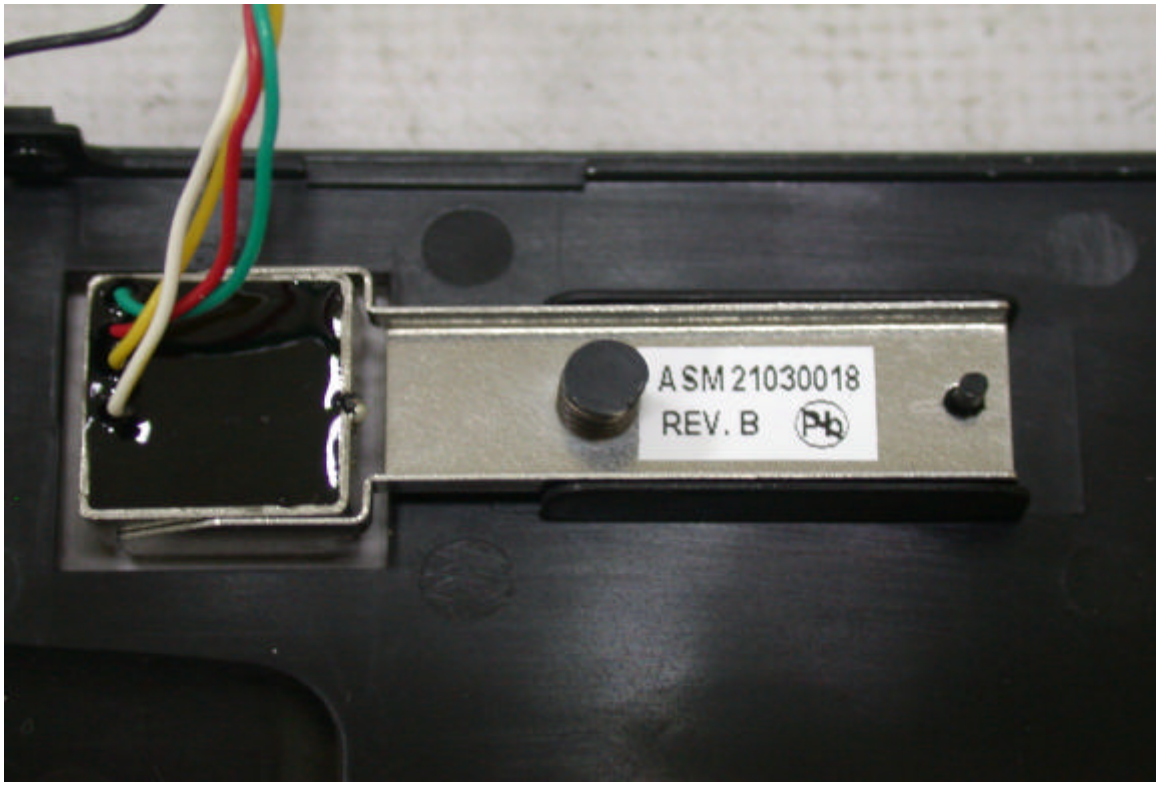

TECNOCAL
BLINGER PCB1 V11
NOV/07
OK

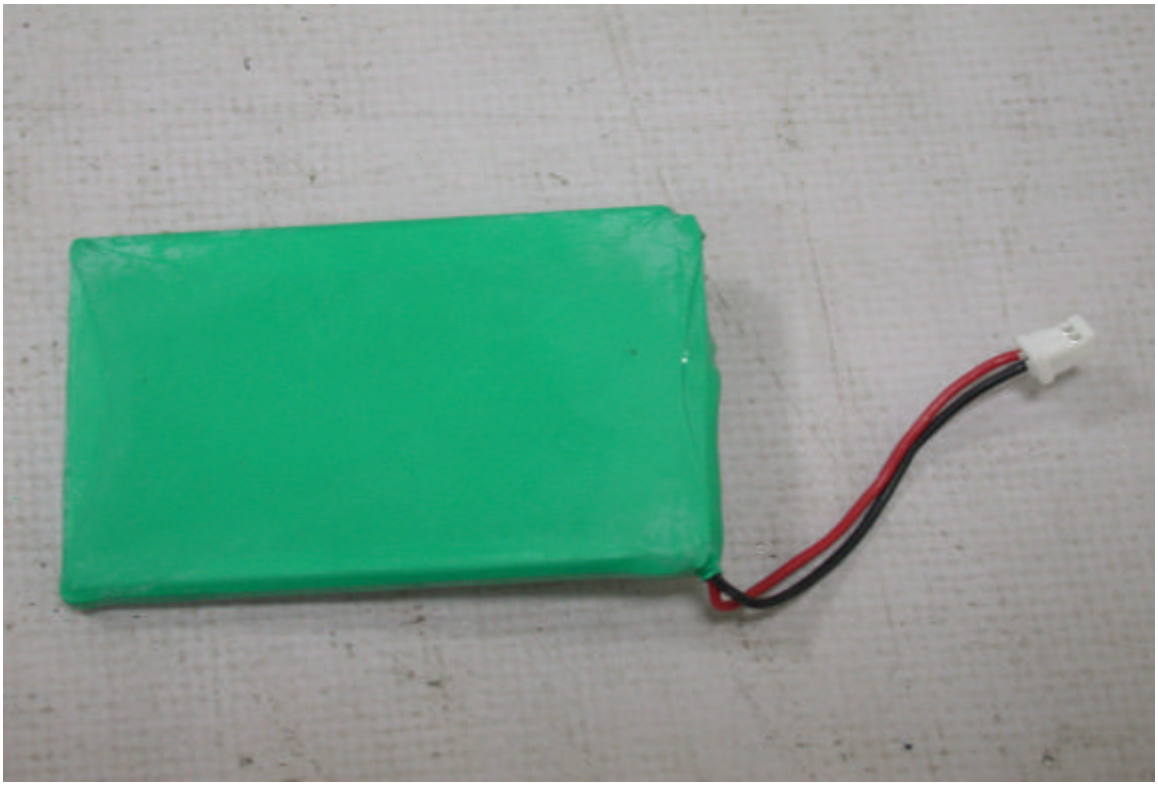

GND
3.3V
TECNOCAL
BLINGER PCB1 V11
NOV/07


ADVANTRA
AR 100
FCC ID : O33AR100
CANADA : 4448A—AR100
Tested to comply with FCC standard
for part 2, part 15, part 24 and part 90
A410 006 16004
Made by Advantra
PA: 37211560
ESN:
05Q5X


PO 5036
A21000000017
rel 19
nr 0044


DMSR1
RMSR1
RMSR2
UMSR1
CDTW1
CRF2
CRF1
CRF8
CRF7
CRF15
CRF9
CRF16
CRF14
LRF6
ERF1
RRF2
RRF3
DLRF2
RRF8
DLRF1
RRF9
RVB1
QVB1
DTW1
CTW3
UTW1
RTW6
BLINGER


ASM 21030018
REV. B




HILTRON
MODEL:HLC10-570170-1
AC INPUT
100-240V~
0.25A/0.12A
50-60Hz
DC OUTPUT
5.7V⎓0.8A
SN 002
WK 0740
MADE IN TAIWAN