Model No. : RF-711
Frequency range : 30MHz to 1GHz Detector : Quasi-Peak Value
Frequency range : above 1GHz Detector : Quasi-Peak/Average Value
Temperature : 23° C Humidity : 45 %
Memo : TX OFF (CH1 27.152MHz)

Antenna polarization : HORIZONTAL ; Test distance : 3m ;

Freq. (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Azimuth (° angle)	Antenna High(m)
71.983	28.10	-11.90	40.00	41.87	5.51	0.84	20.12	230.0	4.0
120.014	27.59	-15.91	43.50	34.07	12.10	1.40	19.98	231.0	4.0
168.025	26.81	-16.69	43.50	35.44	9.23	1.96	19.82	234.0	4.0
210.717	33.91	- 9.59	43.50	42.50	9.20	2.19	19.98	235.0	4.0
243.970	32.19	-13.81	46.00	37.47	11.86	2.76	19.90	232.0	4.0
624.059	33.65	-12.35	46.00	28.22	19.04	6.10	19.71	236.0	3.8

Note :

1. Level = Read Level + Probe Factor + Cable Loss – Preamp Factor
2. Over Limit = Level – Limit Line

Model No. : RF-711
Frequency range : 30MHz to 1GHz Detector : Quasi-Peak Value
Frequency range : above 1GHz Detector : Quasi-Peak/Average Value
Temperature : 23° C Humidity : 45 %
Memo : TX OFF (CH1 27.152MHz)

Antenna polarization : VERTICAL ; Test distance : 3m ;

Freq. (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Azimuth (° angle)	Antenna High(m)
71.984	27.70	-12.30	40.00	41.47	5.51	0.84	20.12	231.0	1.0
120.204	28.45	-15.05	43.50	34.96	12.07	1.39	19.97	233.0	1.0
132.201	25.57	-17.93	43.50	33.17	11.00	1.40	20.00	239.0	1.0
168.701	24.85	-18.65	43.50	33.49	9.18	1.96	19.78	234.0	1.0
243.964	24.98	-21.02	46.00	30.26	11.86	2.76	19.90	231.0	1.0
624.061	34.51	-11.49	46.00	29.08	19.04	6.10	19.71	237.0	1.1

Note :

1. Level = Read Level + Antenna Factor + Cable Loss – Preamp Factor
2. Over Limit = Level – Limit Line

Model No. : RF-711
Frequency range : 30MHz to 1GHz Detector : Quasi-Peak Value
Frequency range : above 1GHz Detector : Quasi-Peak/Average Value
Temperature : 23° C Humidity : 45 %
Memo : TX OFF (CH2 27.192MHz)

Antenna polarization : HORIZONTAL ; Test distance : 3m ;

Freq. (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Azimuth (° angle)	Antenna High(m)
71.983	28.09	-11.91	40.00	41.86	5.51	0.84	20.12	230.0	4.0
120.191	30.64	-12.86	43.50	37.15	12.07	1.39	19.97	229.0	4.0
203.864	31.95	-11.55	43.50	40.46	9.20	2.13	19.84	228.0	4.0
228.699	27.08	-18.92	46.00	34.74	9.73	2.39	19.78	225.0	4.0
246.257	30.38	-15.62	46.00	35.30	12.17	2.81	19.90	226.0	4.0
624.057	33.76	-12.24	46.00	28.33	19.04	6.10	19.71	227.0	3.8

Note :

1. Level = Read Level + Antenna Factor + Cable Loss – Preamp Factor
2. Over Limit = Level – Limit Line

Model No. : RF-711
Frequency range : 30MHz to 1GHz Detector : Quasi-Peak Value
Frequency range : above 1GHz Detector : Quasi-Peak/Average Value
Temperature : 23° C Humidity : 45 %
Memo : TX OFF (CH2 27.192MHz)

Antenna polarization : VERTICAL ; Test distance : 3m ;

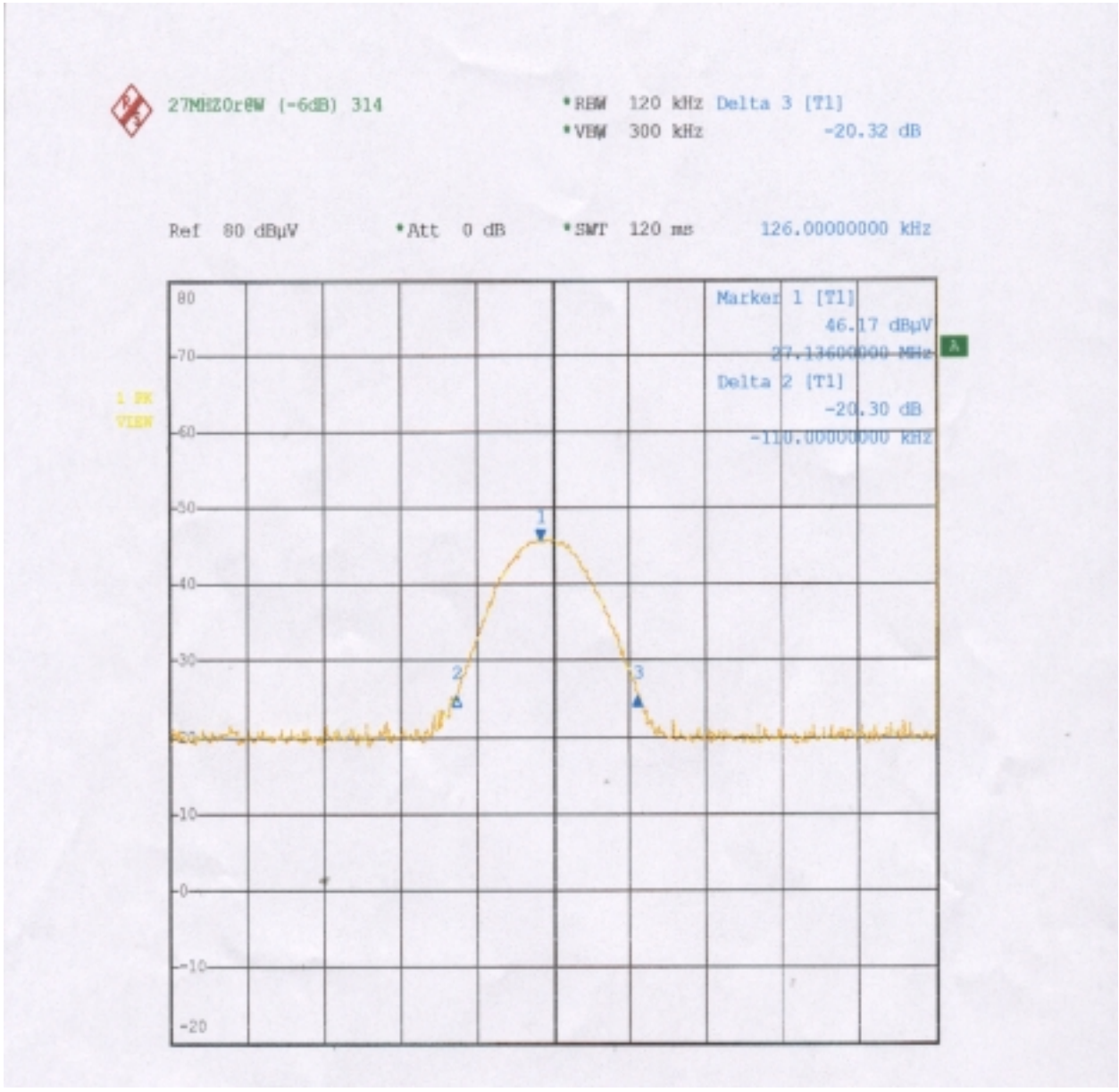
Freq. (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Azimuth (° angle)	Antenna High(m)
120.105	30.42	-13.08	43.50	36.90	12.10	1.40	19.98	224.0	1.0
132.120	23.42	-20.08	43.50	31.02	11.00	1.40	20.00	221.0	1.0
168.023	27.49	-16.01	43.50	36.12	9.23	1.96	19.82	228.0	1.0
240.518	25.91	-20.09	46.00	31.32	11.41	2.68	19.50	229.0	1.0
246.429	26.54	-19.46	46.00	31.35	12.24	2.82	19.87	220.0	1.0
624.058	36.26	- 9.74	46.00	30.83	19.04	6.10	19.71	221.0	1.1

Note :

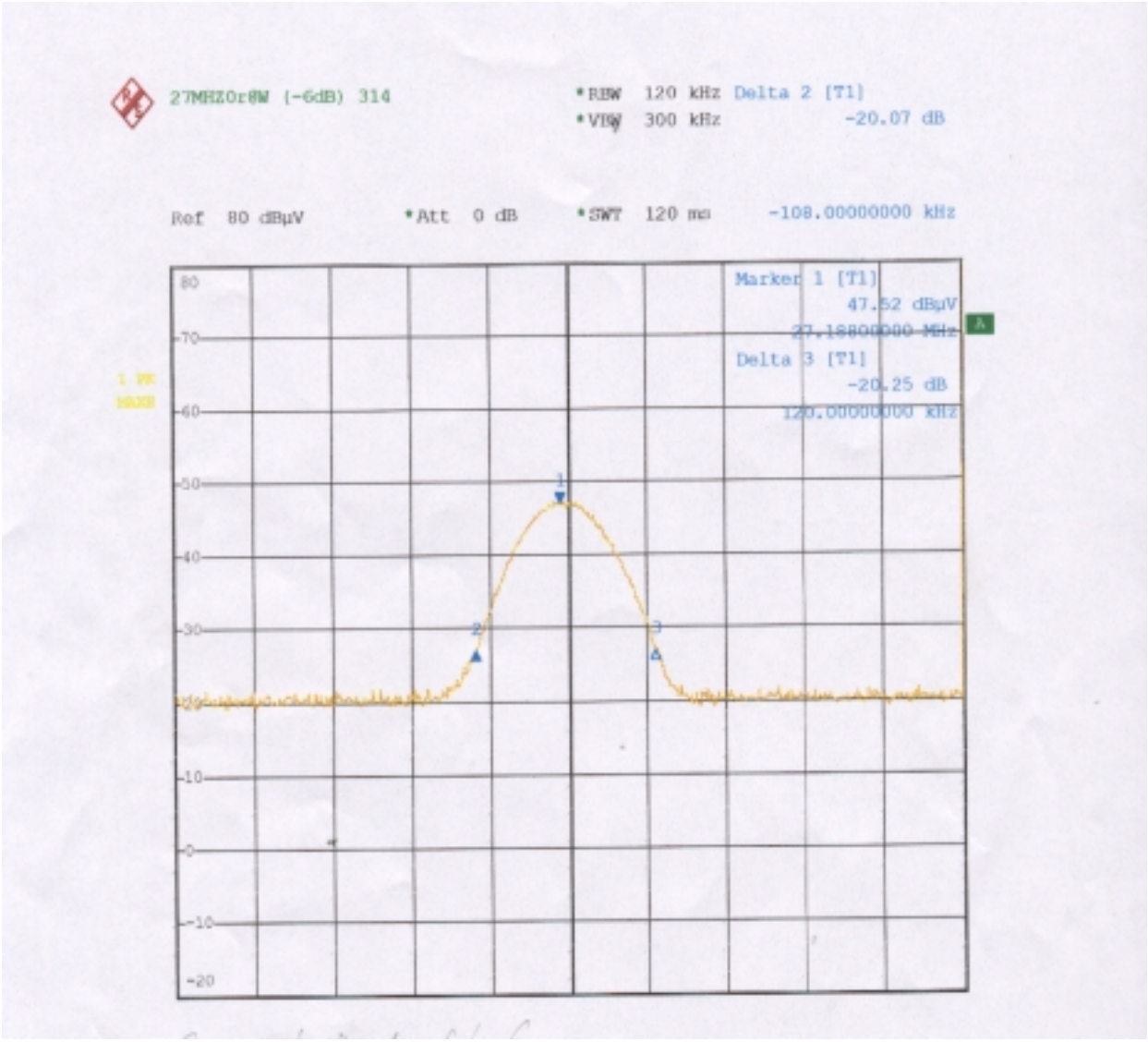
1. Level = Read Level + Antenna Factor + Cable Loss – Preamp Factor
2. Over Limit = Level – Limit Line

13. Occupied Bandwidth Plot Data

CH1



CH2


27MHZOr0W (-6dB) 314
*RBW 120 kHz Delta 2 [T1]
*VBW 300 kHz -20.07 dB
Ref 80 dBµV
*Att 0 dB
*SWT 120 ms -108.00000000 kHz
Marker 1 [T1]
47.52 dBµV
27.18800000 MHz
Delta 3 [T1]
-20.25 dB
120.00000000 kHz
80
70
60
50
40
30
20
10
0
-10
-20

14. List of Measured Instruments

Test Mode	Instrument	Model No.	Serial No.	Next Cal. Date	Cal. Interval
Conduction (No.1)	R & S Receiver	ESHS10	830223/008	Nov. 14, 2002	1Year
	Rolf Heine LISN	NNB-4/63TL	98008	No need (2^{nd} LISN)	1Year
	R & S LISN	ESH3-Z5	844982/039	Jul. 25, 2002	1Year
	Spectrum Analyzer	R3261A	91720076	May 03, 2002	1Year
	RF Cable	Rg400	N/A	Jul. 08, 2002	1Year
	Schaffner ISN	T411	N/A	Jul. 01, 2002	1Year
Radiation (OP No.1)	R & S Receiver	ESVS30	863342/012	May 07,2002	1Year
	Anritsu Pre-Amp.	MH648A	M15080	Apr. 10, 2003	1Year
	R & S Pre-Amp.	ESMI-Z7	612278/011	Aug. 02, 2002	1Year
	Schaffner Antenna	CBL6112B (30MHz-2GHz)	2655	Jul. 27, 2002	1Year
	COM-Power Horn Ant.	AH-118 (1GHz-18GHz)	10095	July 25, 2002	1Year
	EMCO RF Cable	175series	NO. 1	Apr. 10, 2003	1Year
	Schwarzbeck Precision Dipole Ant	VHAP (30MHz-4GHz)	970 + 971 953 + 954	Jun. 27, 2003	3Year
	R &S Signal Generator	SMY01	841104/037	Aug. 26, 2002	1Year
	RF Cable	No. 1	N/A	Jul. 26, 2002	1Year
	EMCO Antenna	3142B (26MHz-2GHz)	9904-1307	July 01,2002	1Year

15. Duties of The Responsible Party

The responsible party upon signing or accepting the Declaration of Conformity as specified in Section 2.906 of the FCC Rules hereby agrees to the duties listed below.

§ 2.1073(a).
The responsible party warrants that each unit of equipment marketed under DoC is identical to the unit tested and found acceptable with the standards and that the records maintained by the responsible party continue to reflect the equipment being produced is within the variation that can be expected due to quantity production and testing on a statistical bass.

§ 2.1073(b).
The responsible party must have a written statement from the manufacturer or accredited test laboratory that the equipment complies with the appropriate technical standards.

§ 2.1073(c).
In case of transfer of control of equipment, as in the case of sale or merger, the new responsible party shall bear the responsibility of continued compliance of the equipment.

§ 2.1073(d).
Equipment shall be retested if any modifications or changes are made that could adversely affect the emanation characteristics of the equipment.

§ 2.1073(e).
If any modifications or changes made by anyone other than the responsible party, the party making the modifications of changes, if located within the U.S., becomes the new responsible part. The new responsible party must comply with all provisions for the DoC, including having test data on file demonstrating that the product continues to comply with all of the applicable technical standards.

§ 2.1075(a)(1).
The responsible party shall maintain records of the original design drawings and specifications and all changes made to the product that may affect compliance.

§ 2.1075(a)(2).
The responsible party shall maintain records of the procedures used for production inspection and testing to insure the conformance with the FCC Rules.

§ 2.946(a)(1).
The test report data shall be provided to the FCC within 14 days of delivery of request. The test sample(s) shall be provided within 60 days of delivery of request.

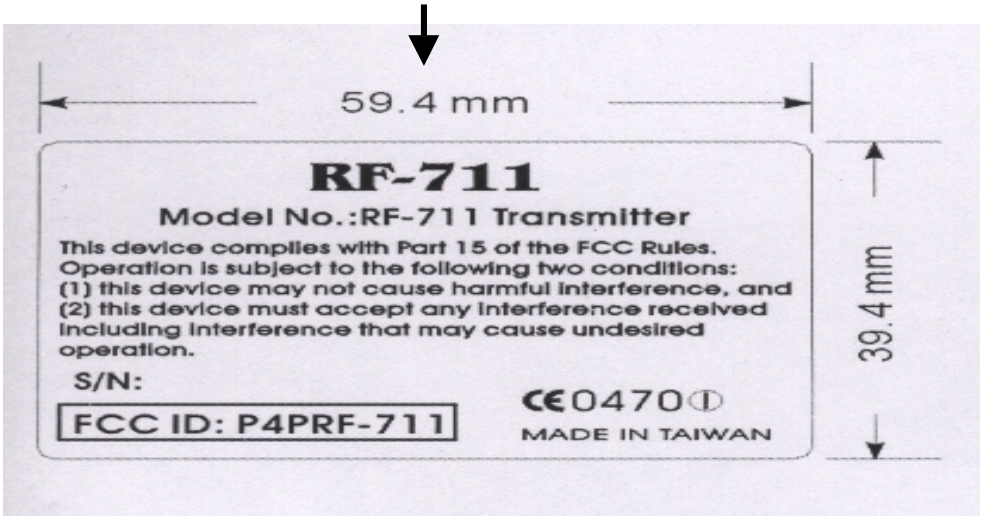
§ 2.946(b)
In case involving harmful interference or safety of life or property, the production sample must be provided within 60 days, but not less than 14 days. Failure to comply with such a request with the time frame shown may be cause for forfeiture, pursuant to Section 1.80 of Part 1 of the FCC Rules.

**The Responsible Party is the manufacturer, system integrator, or the importer as defined in Section 2.909 of the FCC Rules. The Rules. The Responsible Party for a DoC must be located within the United States as specified in Section 2.1077.*

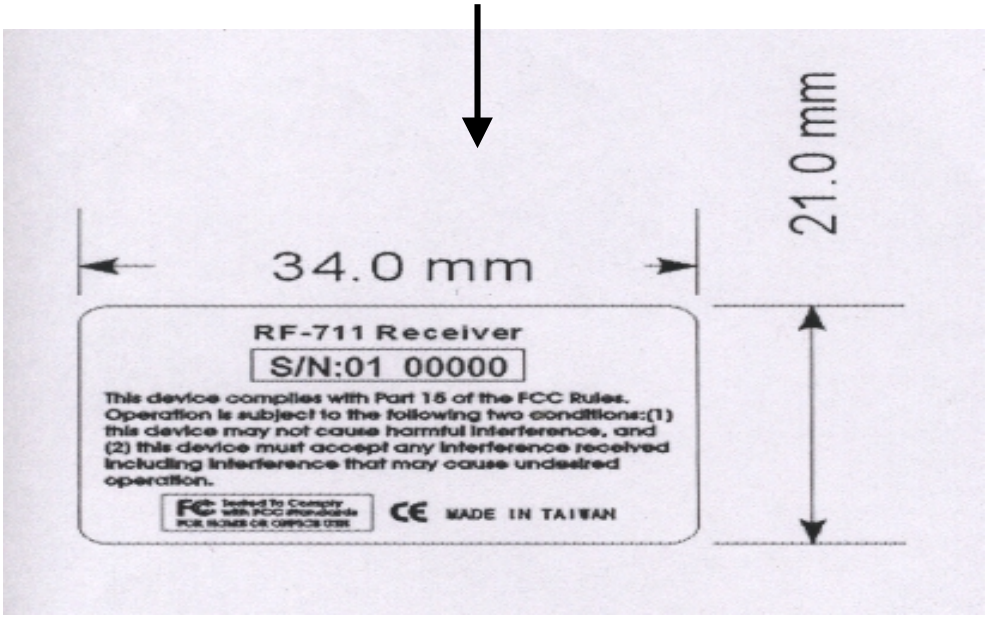
16. FCC ID Label Sample

The sample label shown below shall be permanently affixed at a conspicuous location on the device, instruction manual or pamphlet supplied to the user and be readily visible to the purchaser at the time of purchase. However, when the device is so small wherein placement of the label with specified statement is not practicable, only the trade name, model number, and the FCC logo must be displayed on the device per Section § 15.19 (b)(2).

EUT Label A



EUT Label B



17. Information To The User

For a Class B digital device or peripheral, the instructions furnished the user shall include the following or similar statement, placed in a prominent location in the text of the manual:

Federal Communications Commission (FCC) Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures :

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver .
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected .
- Consult the dealer or an experienced radio / TV technician for help .

18. EUT External Photos

PHOTO. 1. **EUT (TX + RX) TOP VIEW**

PHOTO. 2. **EUT (TX) FRONT VIEW**

PHOTO. 3. **EUT (TX) BOTTOM VIEW**

19. EUT Internal Photos

PHOTO. 4. EUT (TX) INSIDE VIEW

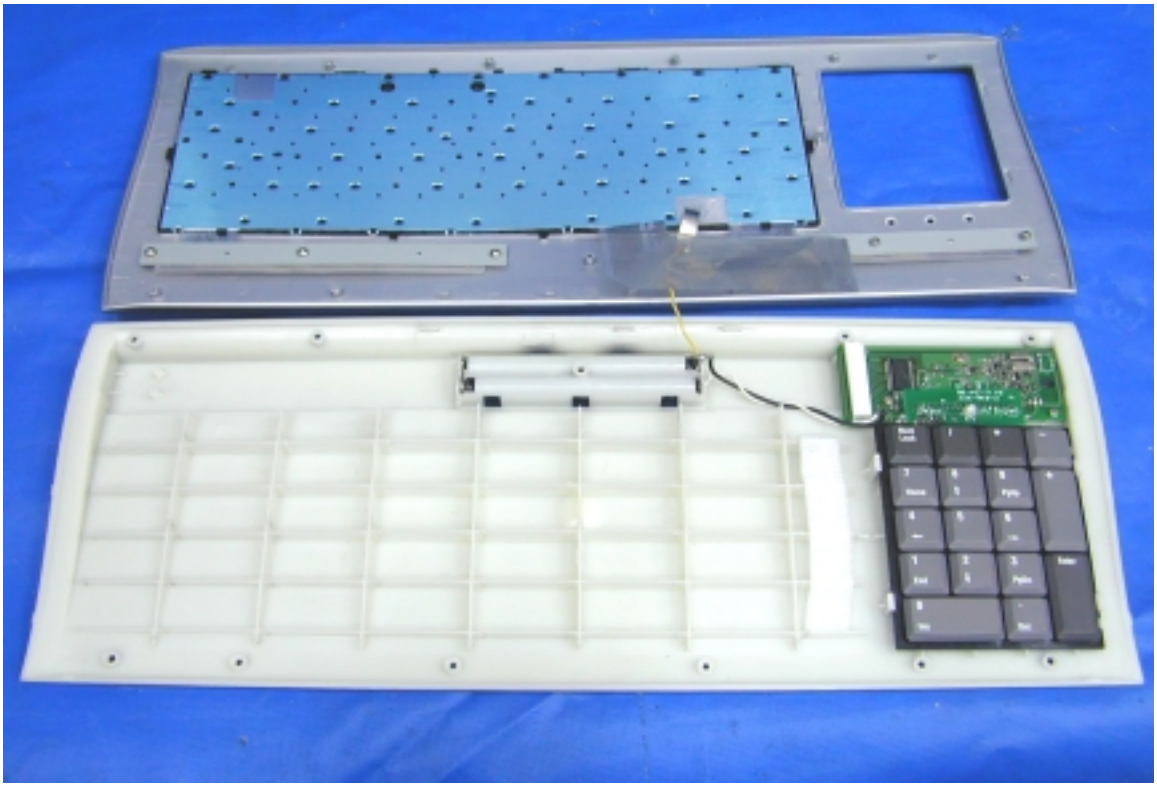


PHOTO. 5. EUT (TX) COMPONENT SIDE VIEW

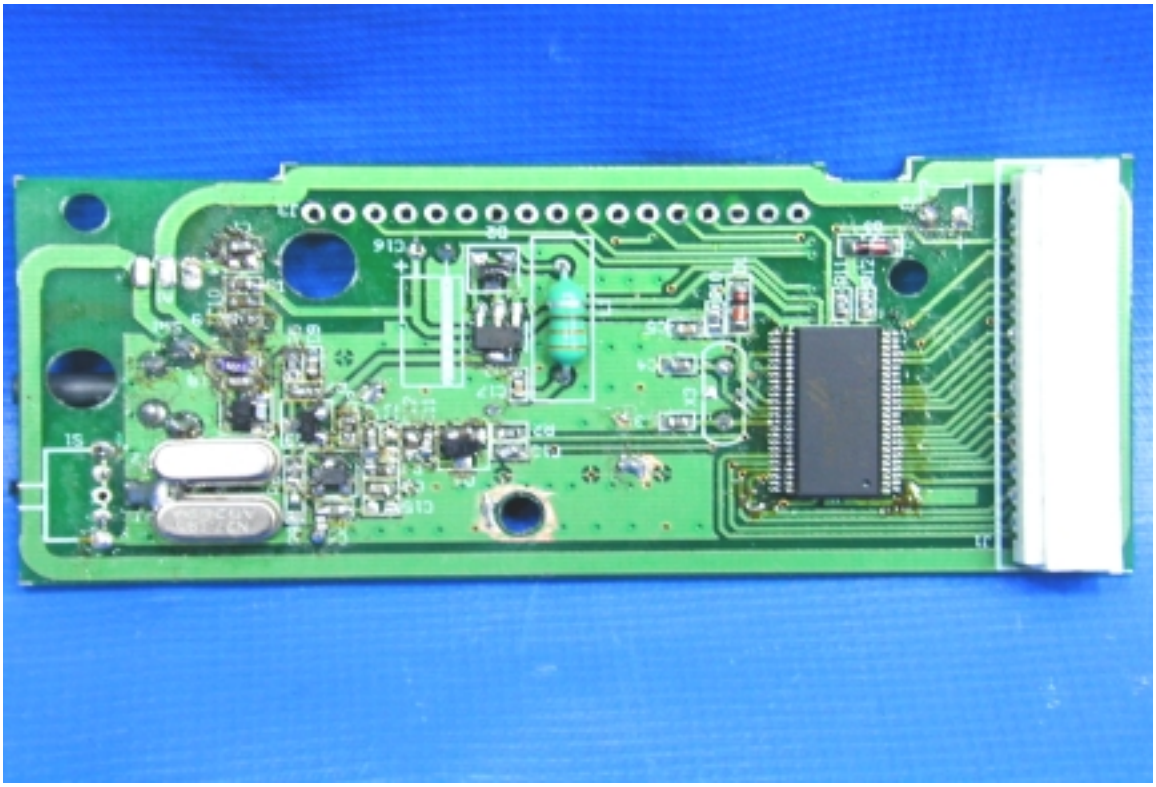


PHOTO. 6. **EUT (TX) SOLDERING SIDE VIEW**

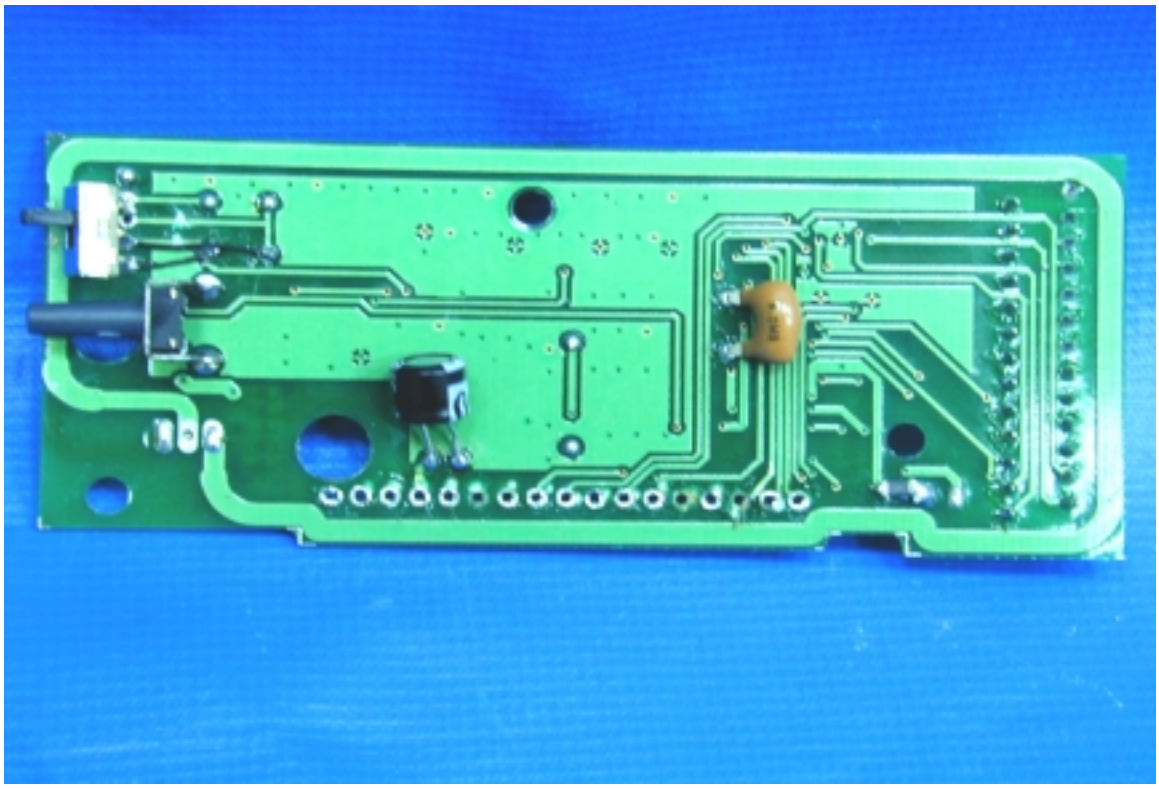


PHOTO. 7. **EUT (TX) SOLDERING SIDE VIEW**

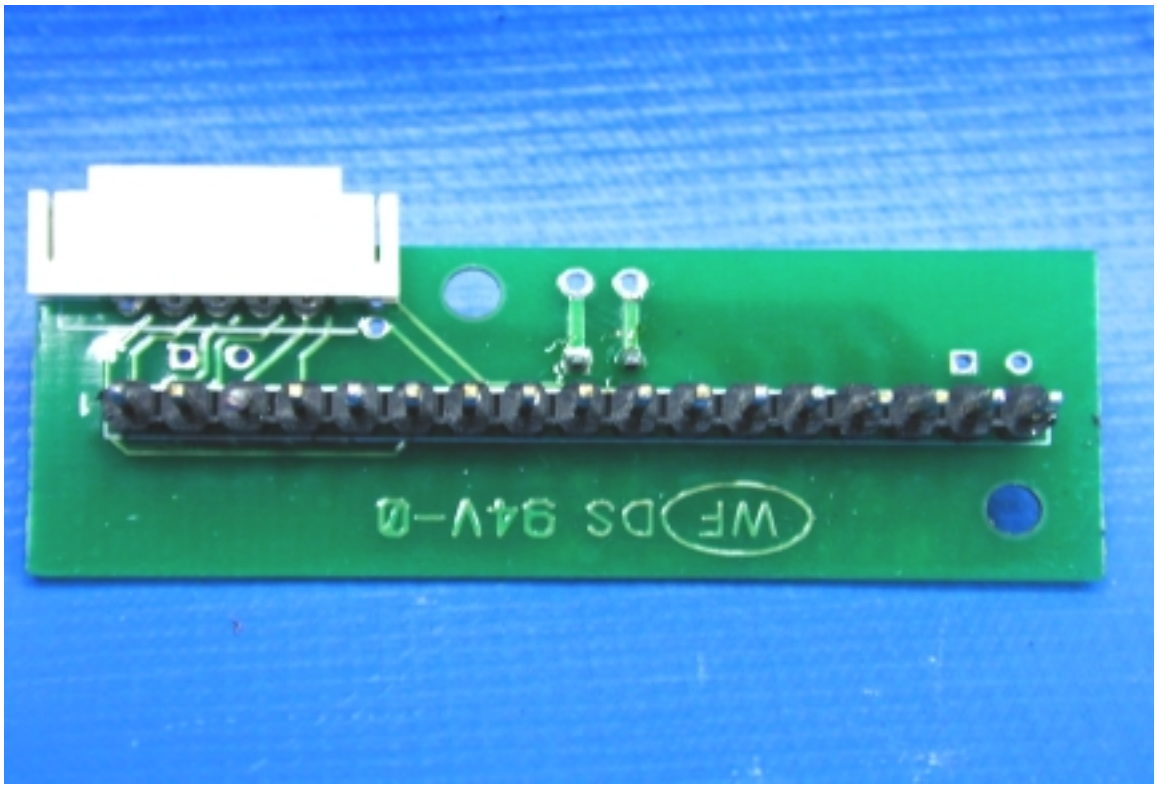


PHOTO. 8. **EUT (TX) SOLDERING SIDE VIEW**