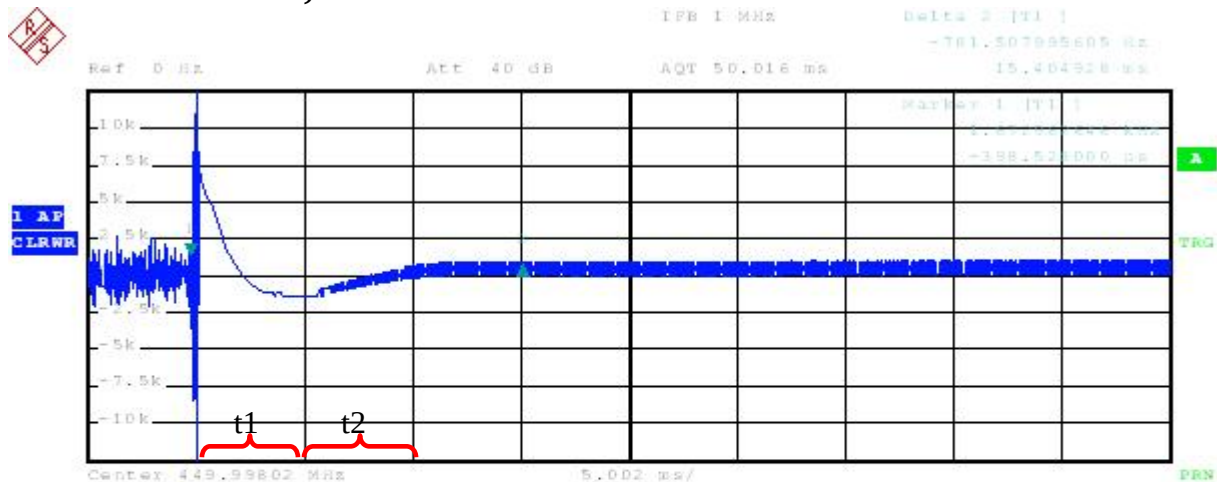


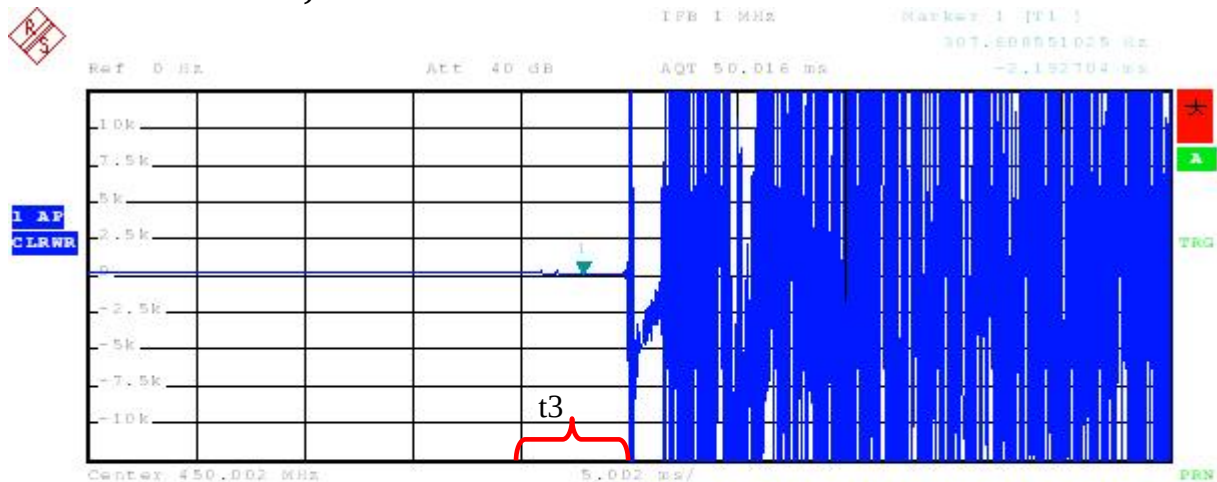
Frequency: 450MHz
 Deviation: 2.5KHz, Turn ON



Frequency Modulation Summary

Coupling	DC	Carrier Offset	463.06 Hz
Deviation	+peak	Carrier Power	5.78 dBm
	-peak	Modulation Frequency	31.9261 kHz
	$\frac{+peak}{2}$	Sampling Rate	62.5 kHz
	RMS	Record Length	3127
		Demod Bandwidth	50 kHz

Deviation: 2.5KHz, Turn OFF



Frequency Modulation Summary

Coupling	DC	Carrier Offset	-992.16 Hz
Deviation	+peak	Carrier Power	2.41 dBm
	-peak	Modulation Frequency	---
	$\frac{+peak}{2}$	Sampling Rate	62.5 kHz
	RMS	Record Length	3127
		Demod Bandwidth	50 kHz

X. Maximum Permissible Exposure

According to **OET BULLETIN 56 Fourth Edition/August 1999**,

Equation for Predicting RF Fields:

$$S(\text{W/m}^2) = PG/4\pi R^2;$$

$$R = \sqrt{\frac{PG}{4\pi S}} \quad r = \sqrt{\frac{365 \times 0.5012}{4\pi (410 / 300)}} = 3.264\text{cm}$$

Where: S = power density (in appropriate units, e.g. mW/cm²)

P = power input to the antenna (in appropriate units, e.g., mW)

G = power gain of the antenna in the direction of interest relative to an isotropic radiator

R = distance to the center of radiation of the antenna (appropriate units, e.g., cm)

The Numeric gain G of antenna with a gain specified in dB is determined by:

$$G = \text{Log}^{-1} (\text{dBi antenna gain}/10)$$

$$G = \text{Log}^{-1} (-3/10) = 0.5012$$

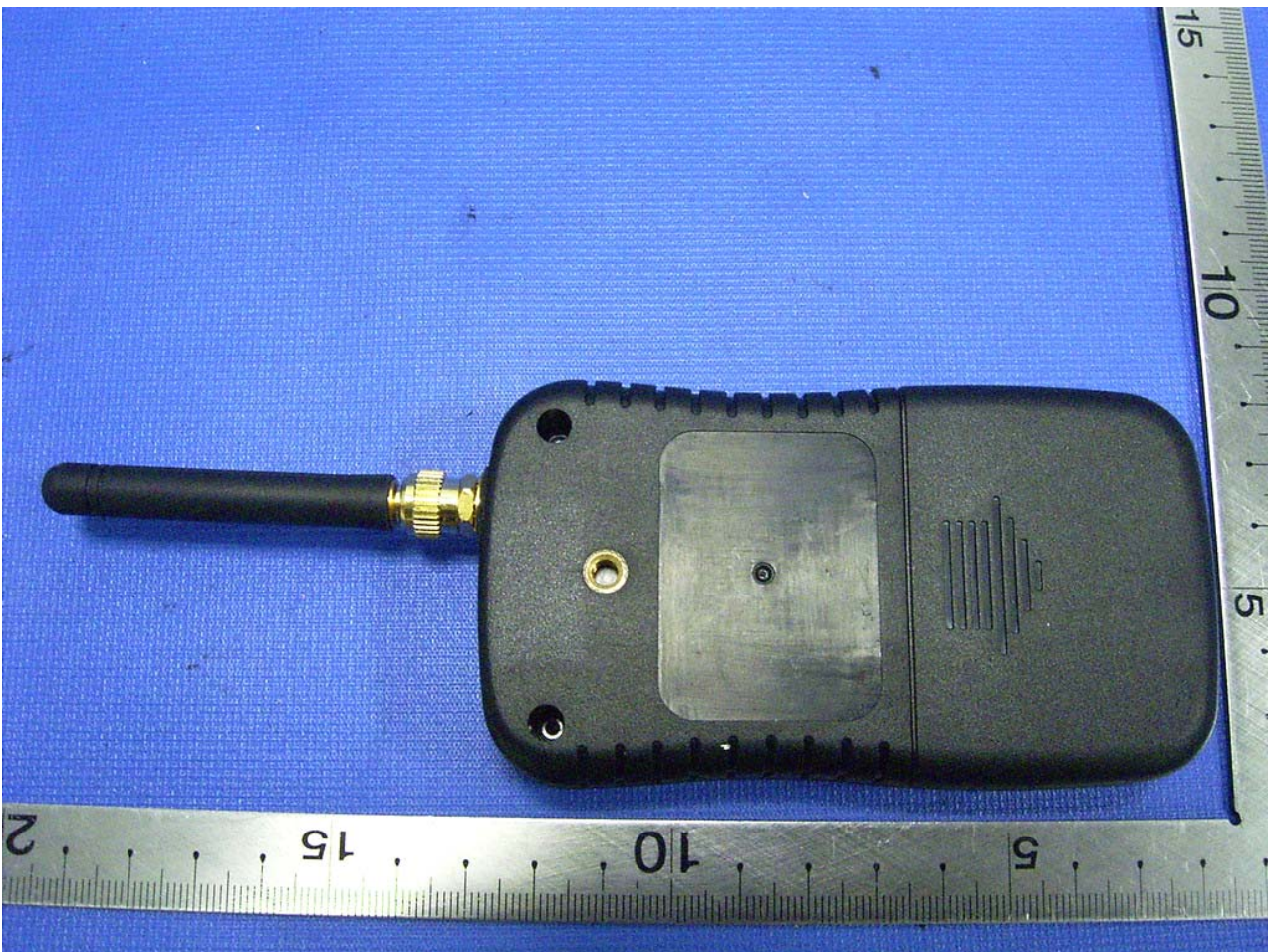
Limits for Maximum Permissible Exposure (MPE)

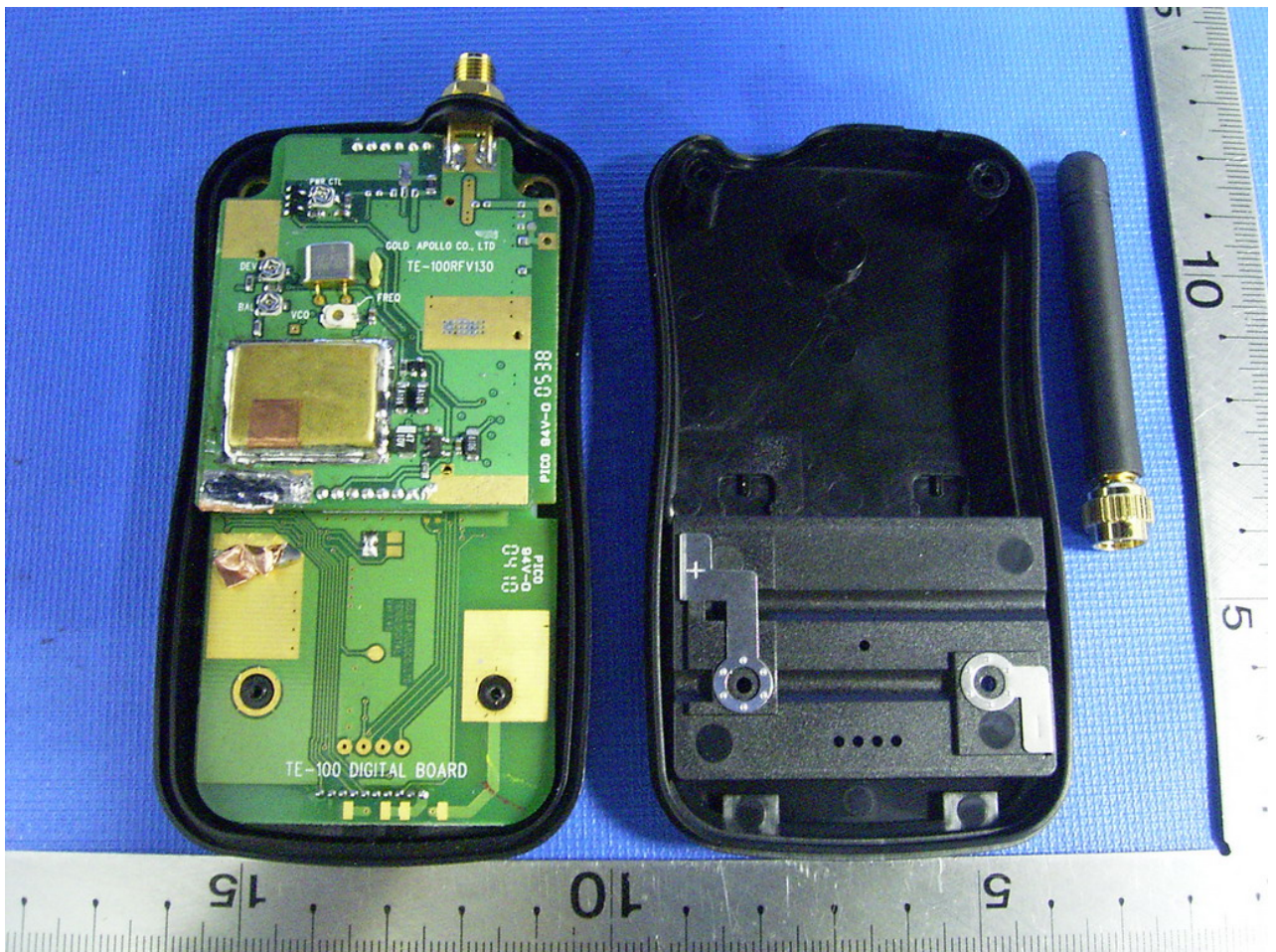
Frequency Range (MHz)	Electric Field Strength (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/cm ²)	Averaging Time E ² , H ² or S (minutes)
(A) Limits for Occupational/Controlled Exposure				
0.3-3.0	614	1.63	100	6
3.0-30	1842/f	4.89/f	900/f ²	6
30-300	61.4	0.163	1.0	6
300-1500	--	--	f/300	6
1500-100,000	--	--	5	6
(B) Limits for General Population/Uncontrolled Exposure				
0.3-1.34	614	1.63	100	30
1.34-30	824/f	2.19/f	180/f ²	30
30-300	27.5	0.073	0.2	30
300-1500	--	--	f/1500	30
1500-100,000	--	--	1.0	30

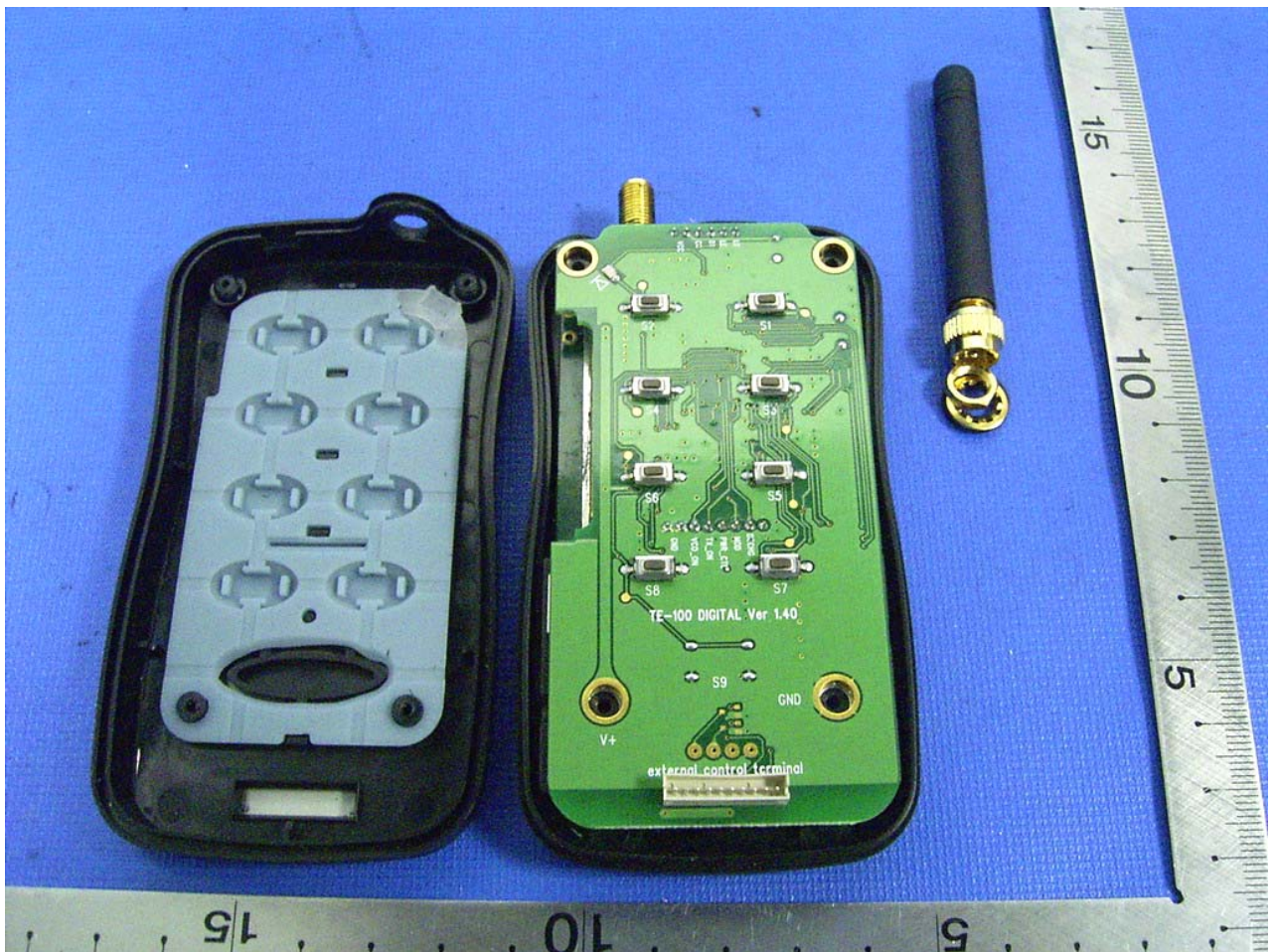


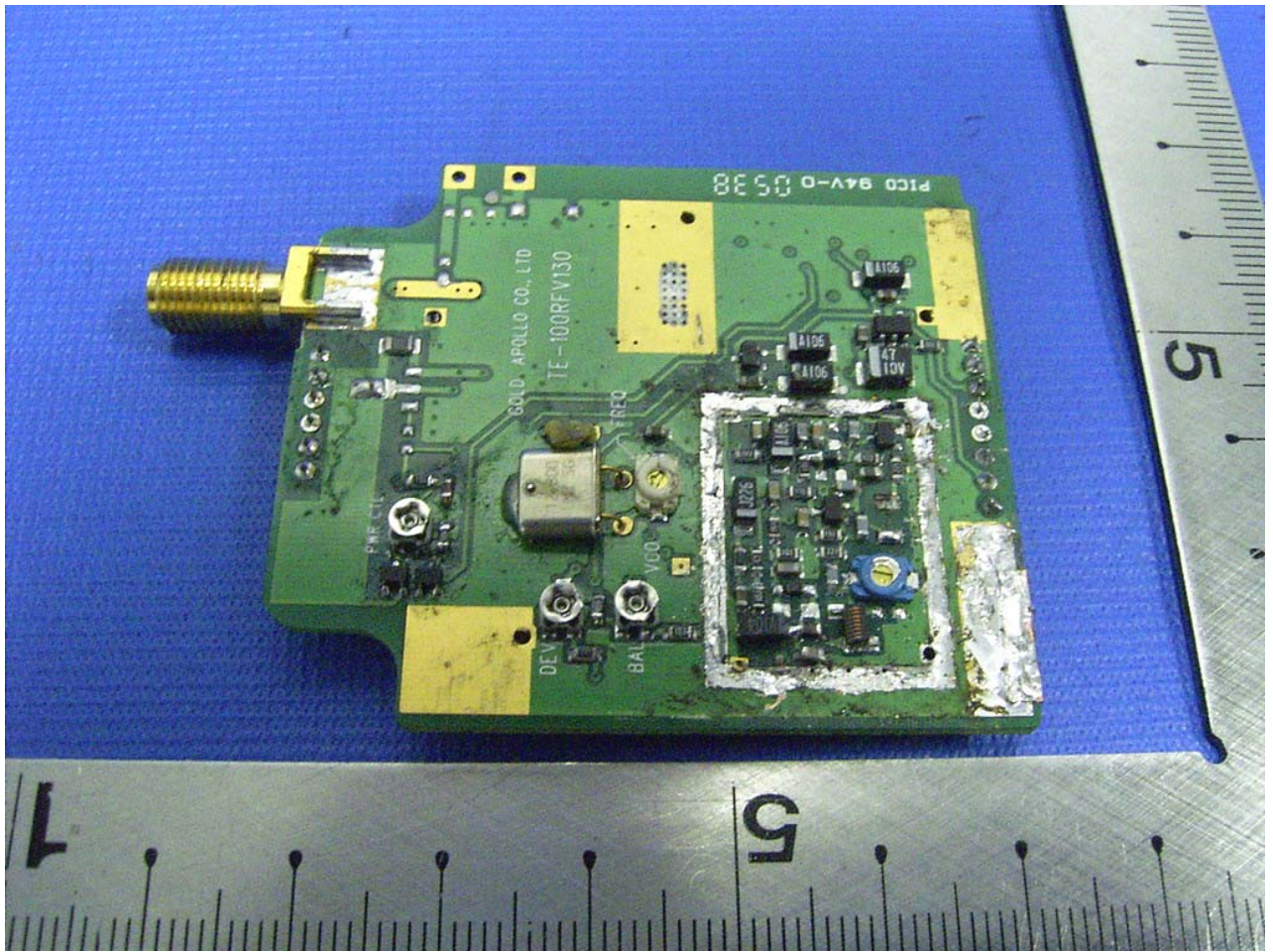


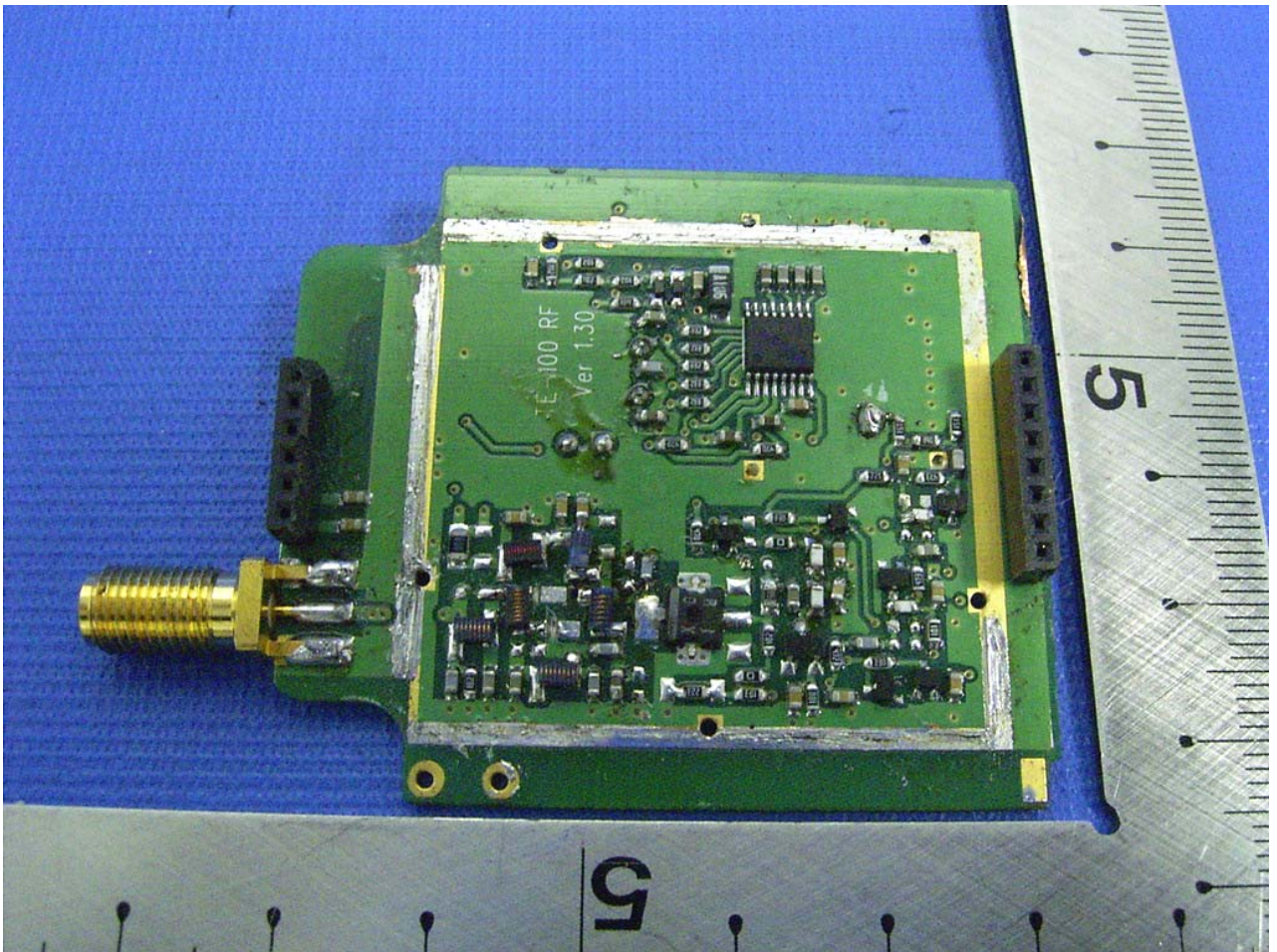
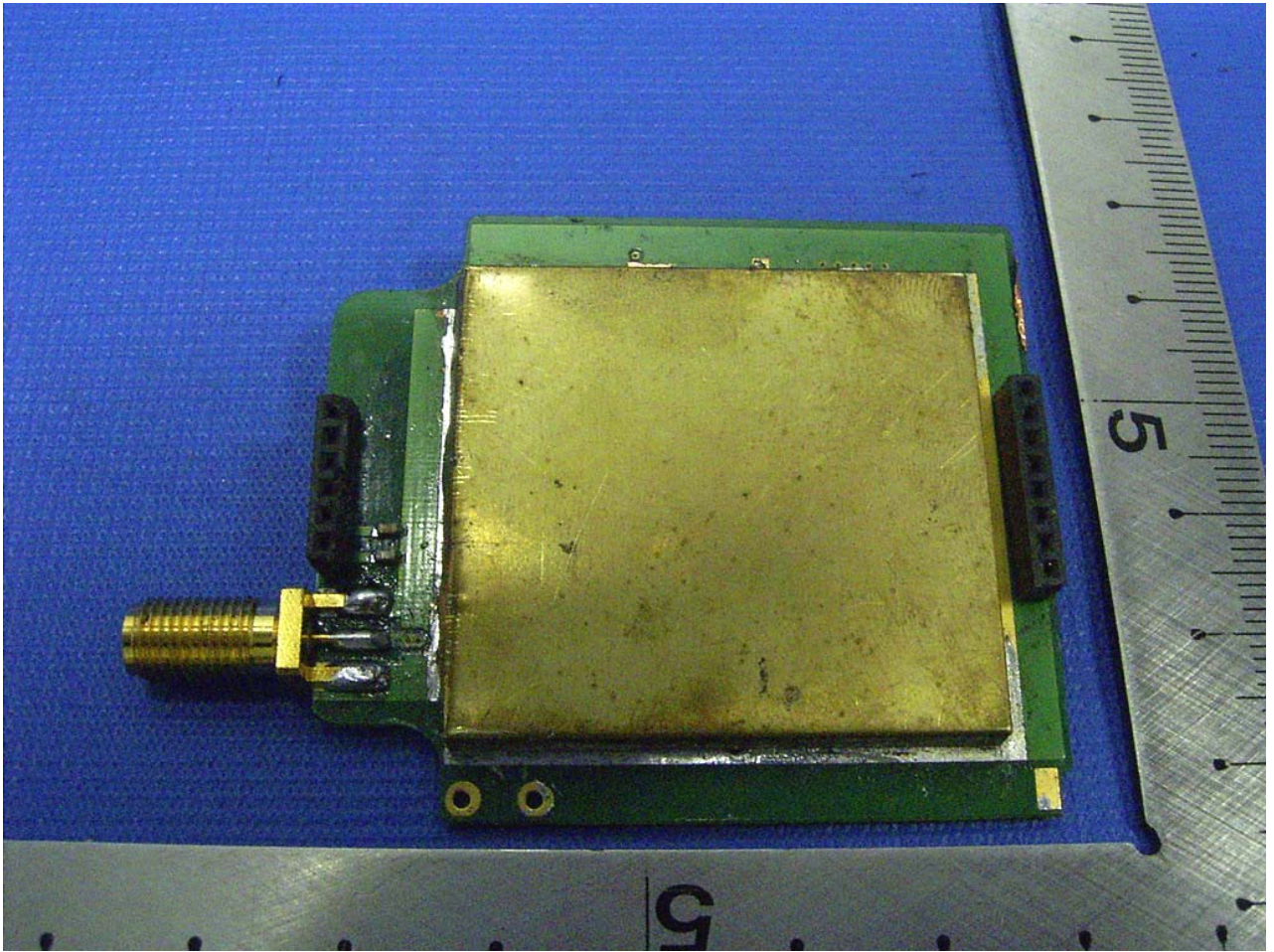


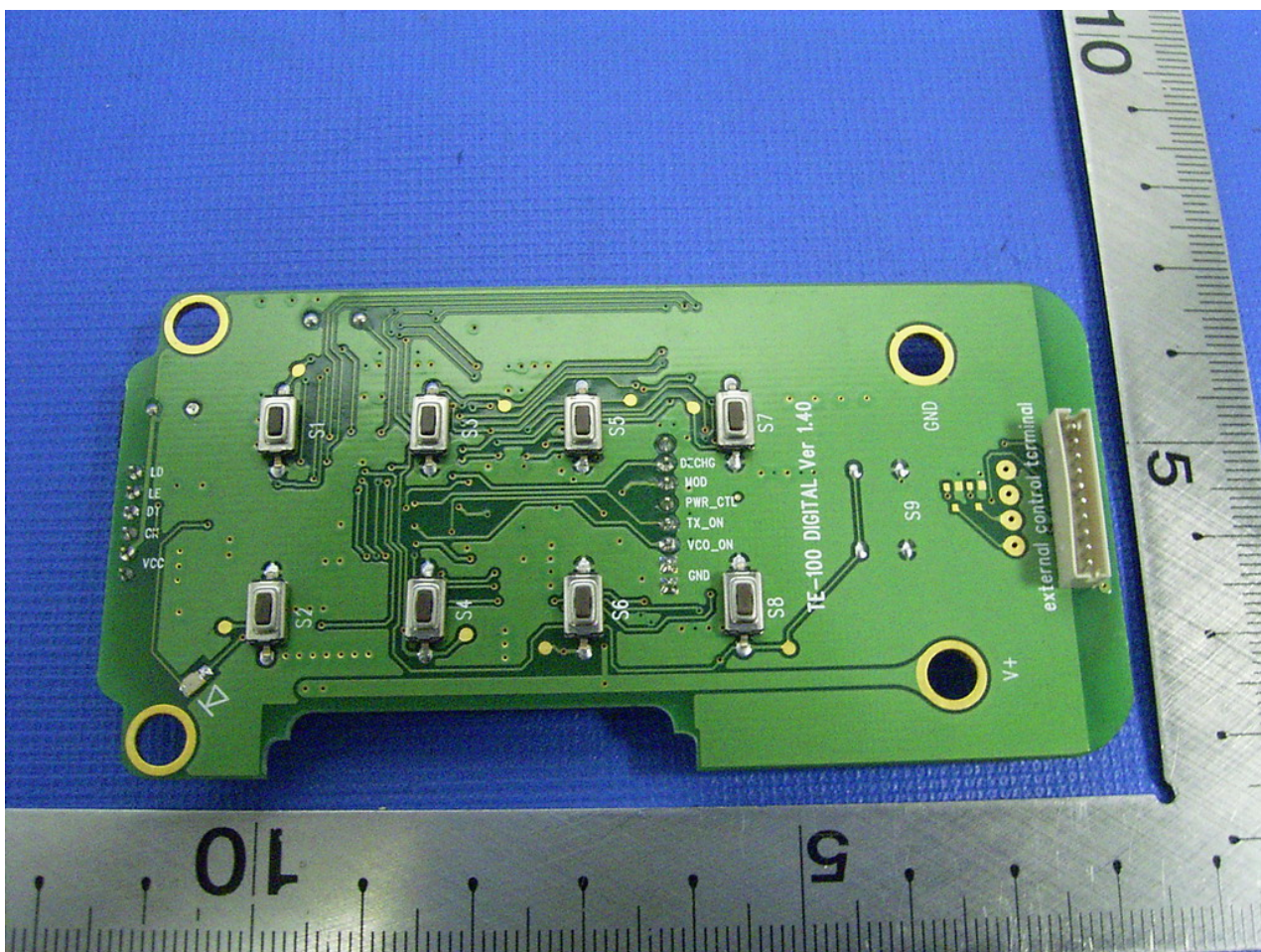
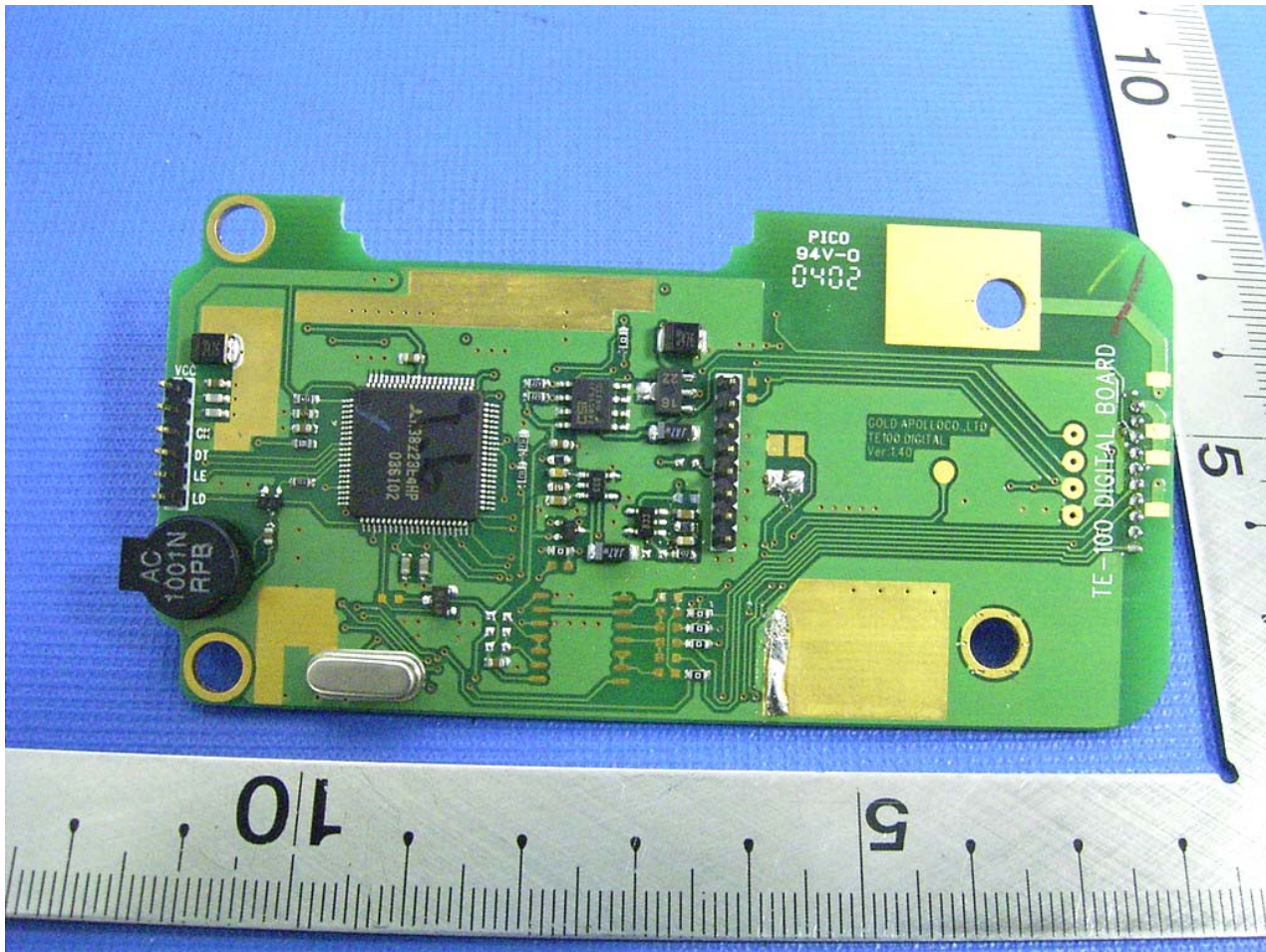












LABEL Format:

This device complies with Part 90 of the FCC Rules Operation is subject to the following two conditions:	
	Tested to Comply With FCC Standards
ModelNo.:TE-100	
FREQ	: 410-450 MHZ
FCCID	: NDATA100XU2
GOLD APOLLO CO., LTD	
MADE IN TAIWAN	

LABEL Size: 60x 42 mm

LABEL Position:

