

## **BAND EDGE COMPLIANCE (Terminal)**

**Standard:** FCC part 15.247

**Test procedure:** Public Notice DA 00-705, Delta Marker method.

### **Test equipment used:**

TYPE	MANUFACTURER	EMITECH NUMBER
Spectrum analyzer FSP 40	Rohde & Schwarz	4088
Antenna RGA-60	Electrometrics	1204

### **Measured condition:**

Requirements: Emissions that fall in the restricted bands (part 15.205). These emissions must be less than or equal to 500  $\mu\text{V/m}$  (54  $\text{dB}\mu\text{V/m}$ ). Part 15.35b applies in the restricted bands.

Test procedure: An in band field strength measurement of the fundamental Emission using the RBw and detector function required by C63.4-2003 and FCC Rules.

### **Test operating condition of the equipment:**

The equipment is locked in frequency hopping mode

### **Results:**

Lower Band Edge: from 2310 MHz to 2390 MHz (see curve n°1)

Upper Band Edge: from 2483.5 MHz to 2500 MHz (see curve n°2)

### **Sample n° 1:**

Fundamental Frequency (MHz)	Field Strength Level of fundamental ( $\text{dB}\mu\text{V/m}$ )	Peak Or Average	Frequency of maximum Band-edges Emission (MHz)	Delta Marker (dB)*	Calculated Max Out of Band Emission Level ( $\text{dB}\mu\text{V/m}$ **	Limit ( $\text{dB}\mu\text{V/m}$ )	Margin (dB)
2402	101.81	Peak	2387.2	-58.51	43.3 <sup>(1)</sup>	74	30.7
2480	102.79	Peak	2488.05	-55	47.49 <sup>(1)</sup>	74	26.21

\* According to step 2 of Marker-Delta Method DA 00-705

\*\* According to step 3 of Marker-Delta Method:

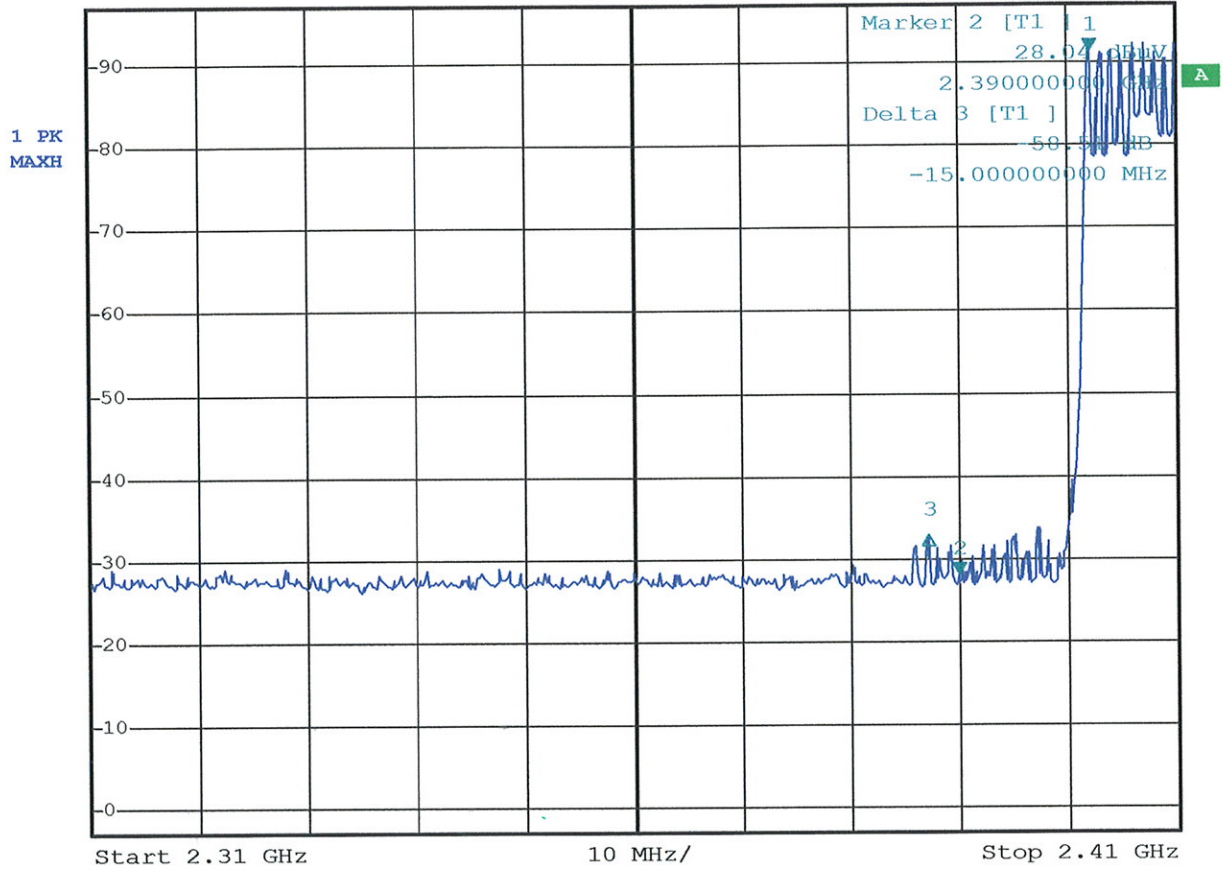
Calculated Emission Level = Field Strength Level – Delta Marker Level

(1) the level is lower than the average limit (54  $\text{dB}\mu\text{V/m}$ )

### **Test conclusion:**

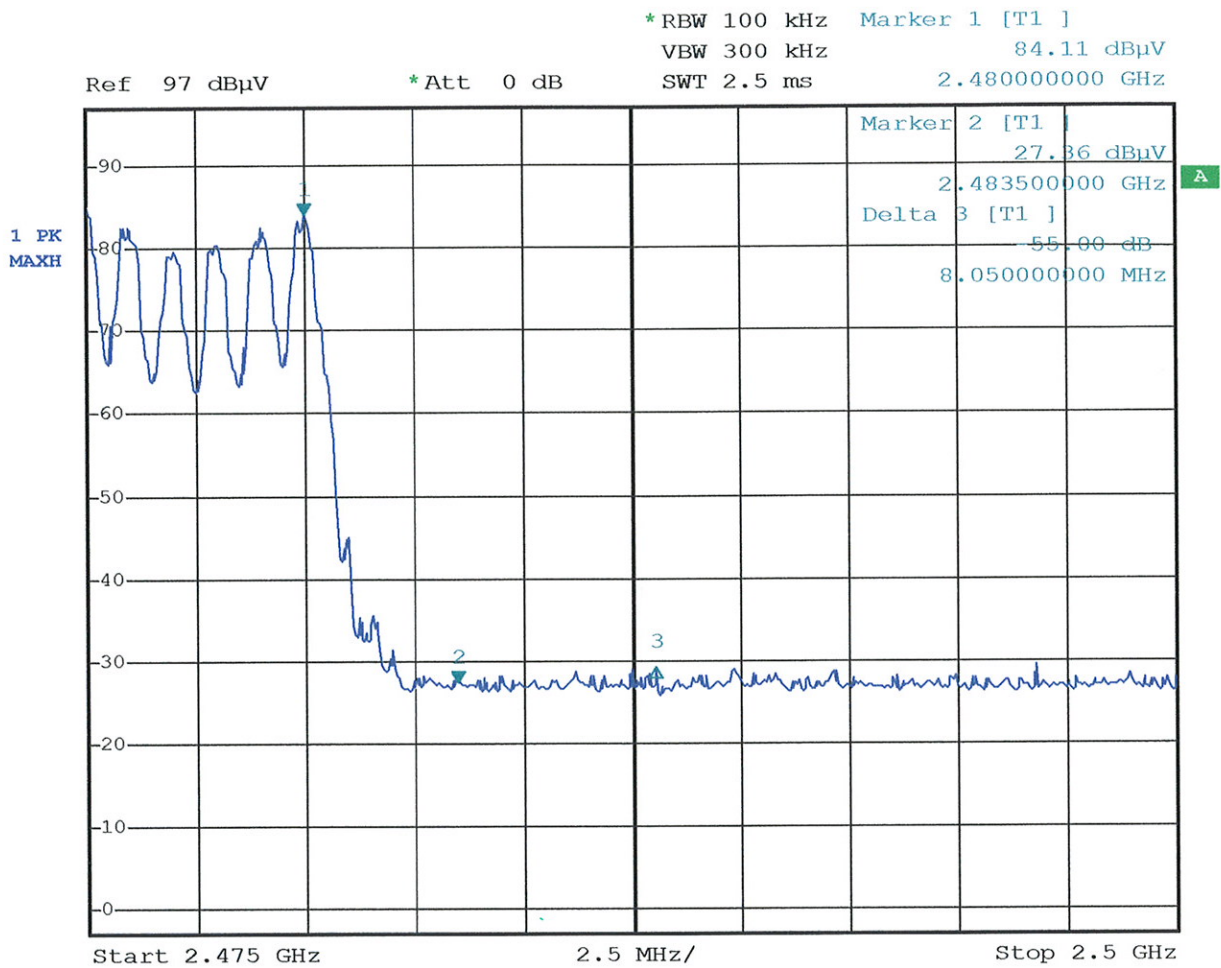
**RESPECTED PUBLIC NOTICE**

\*RBW 100 kHz Marker 1 [T1 ]  
 VBW 300 kHz 91.34 dBμV  
 Ref 97 dBμV \*Att 0 dB SWT 10 ms 2.402200000 GHz



Terminal  
 Curve no 1

Date: 20.SEP.2006 09:24:27



Date: 20.SEP.2006 09:28:24

*Terminal  
Curve no 2.*