

BAND EDGE COMPLIANCE

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, curve 1

Upper Band Edge: from 2483.5 MHz to 2500 MHz, curve 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	88.69	Peak	2330.02	-46.77	41.92 ⁽¹⁾	74	32.08
2480	88.82	Peak	2486.91	-41.29	47.53 ⁽¹⁾	74	26.47

* 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

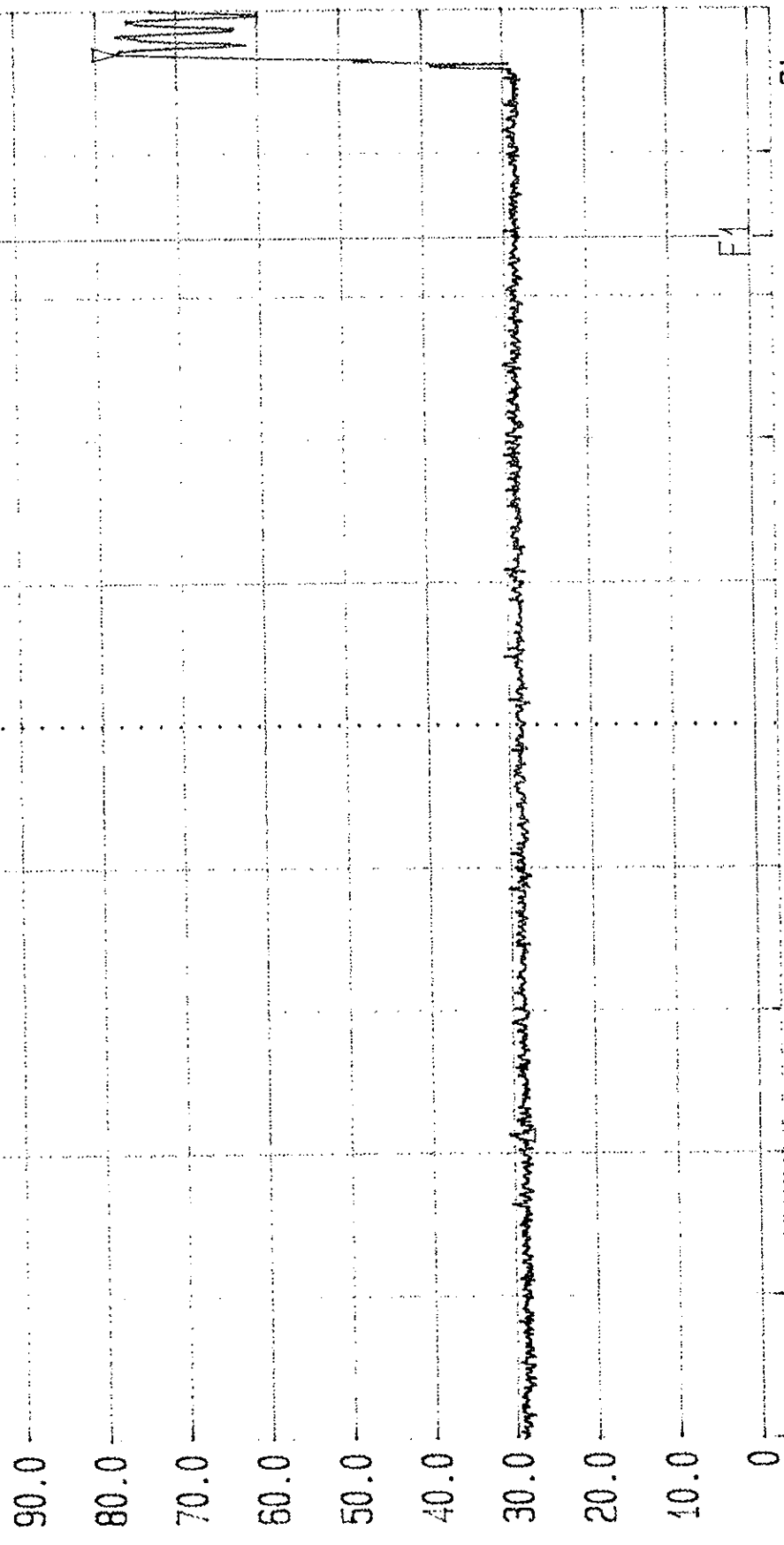
(1) The level is below the average limit (54 $\text{dB}\mu\text{V/m}$)

Test conclusion: RESPECTED PUBLIC NOTICE



Date 02.Nov.'06 Time 10:40:36
Ref.Lvl Delta
97.00 dBuV -46.77 dB
-71.98 MHz

Res.BW 100.0 kHz [3dB]
TG.Lvl off
CF.Stp 9.500 MHz
Vid.BW 100 kHz
RF.Att 0 dB
Unit [dBuV]



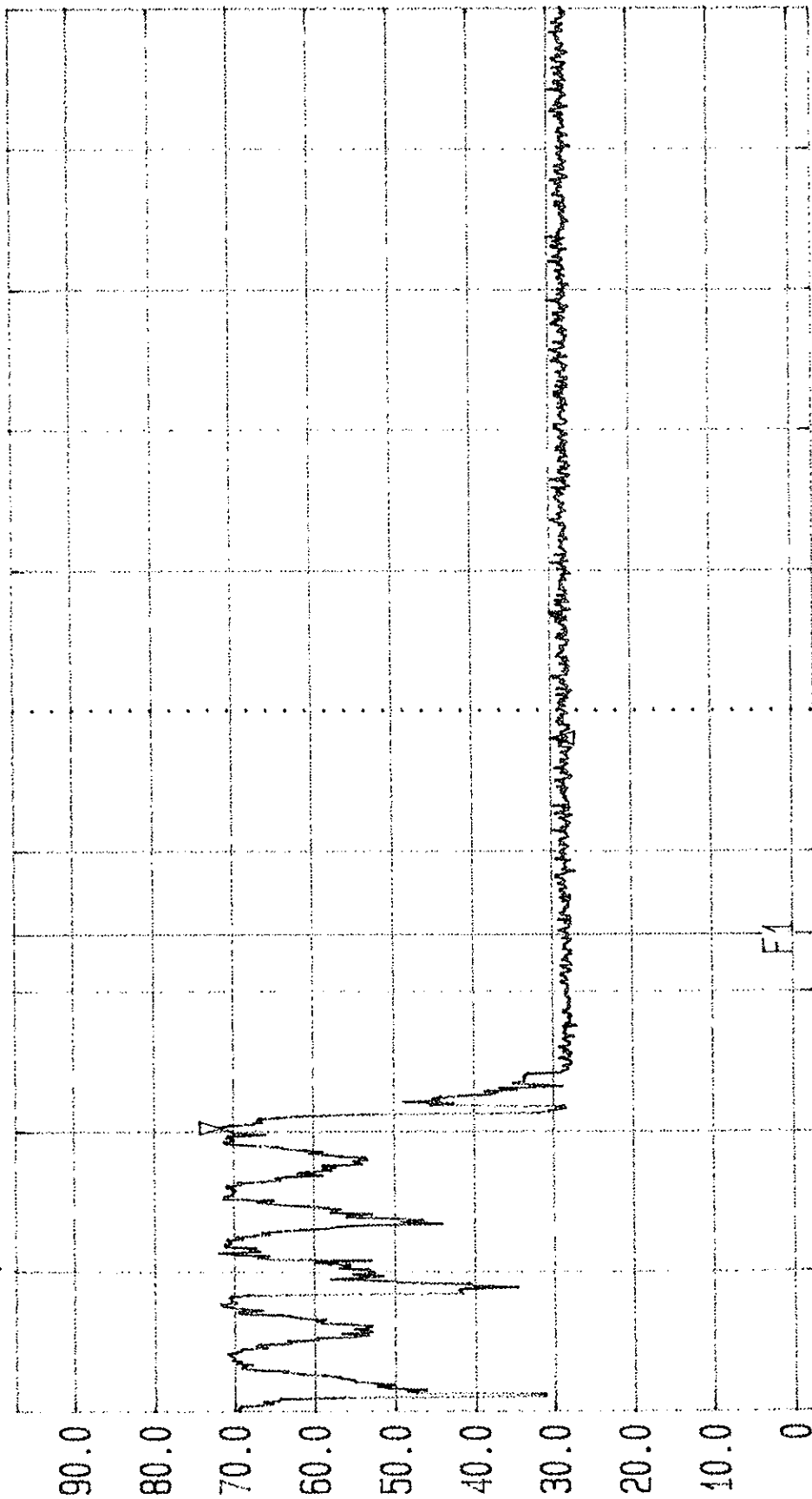
Start 2.31 GHz Center 2.3575 GHz Stop 2.405 GHz
Span 95 MHz Sweep 40 ms

CURVE 1



Date 02.Nov.'06 Time 10:45:56
Ref.Lvl Delta
97.00 dBuV

Res.BW 100.0 kHz [3dB]
TG.Lvl Off
CF.Stp 2.500 MHz
Vid.BW 100 kHz
RF.Att 0 dB
Unit [dBuV]



Start 2.475 GHz Span 25 MHz Center 2.4875 GHz Sweep 20 ms Stop 2.5 GHz

CURVE 2