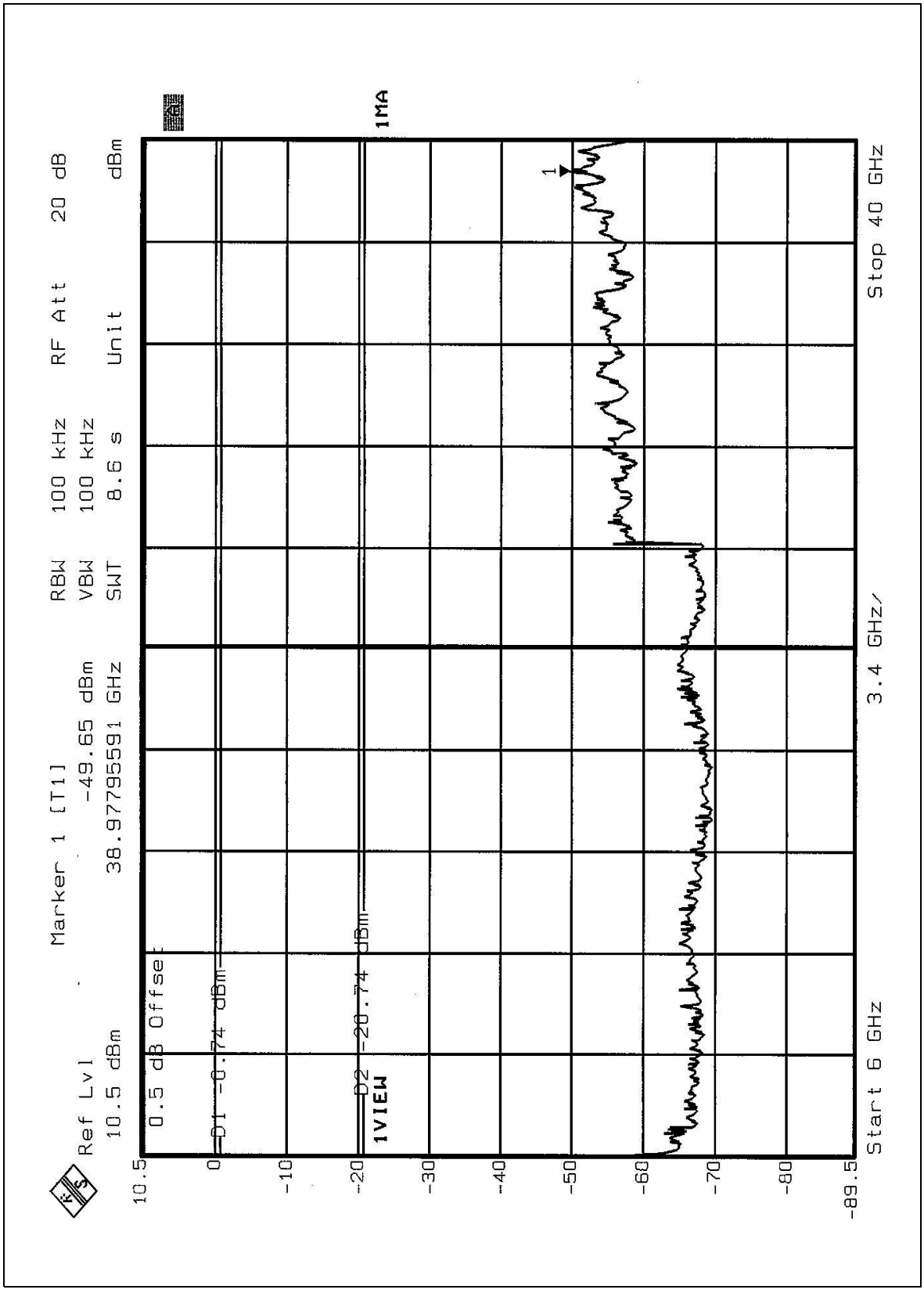

Marker 1 [T1]
-49.65 dBm
38.97795591 GHz
RBW 100 kHz
VBW 100 kHz
SWT 8.6 s
RF Att 20 dB
Unit dBm
Ref Lvl
10.5 dBm
0.5 dB Offset
D1 -0.74 dBm
D2 -20.74 dBm
1VIEW
1MA
Start 6 GHz
3.4 GHz/
Stop 40 GHz

5.13 ANTENNA REQUIREMENT

5.13.1 STANDARD APPLICABLE

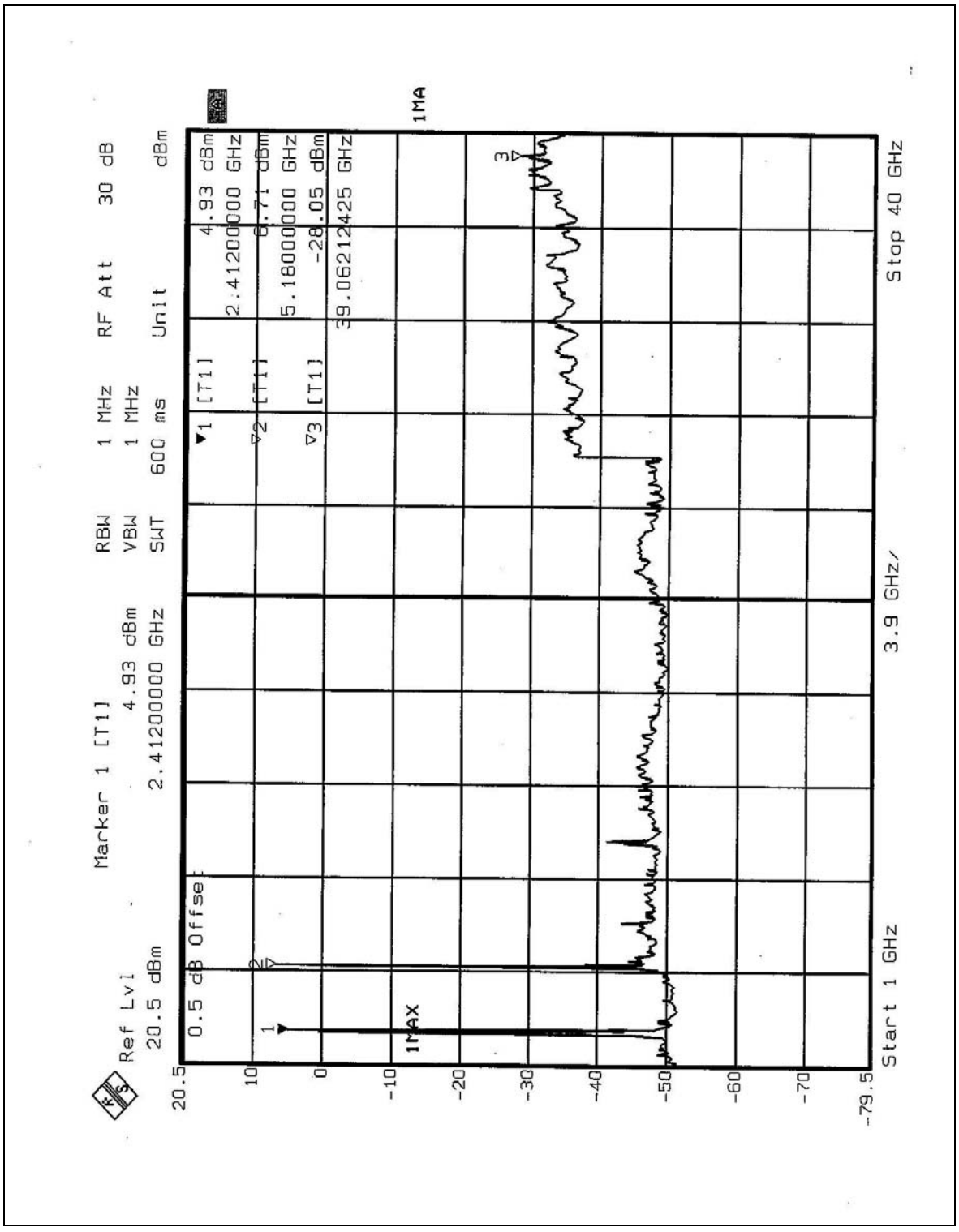
For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.
And according to FCC 47 CFR Section 15.247(a), if transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

5.13.2 ANTENNA CONNECTED CONSTRUCTION

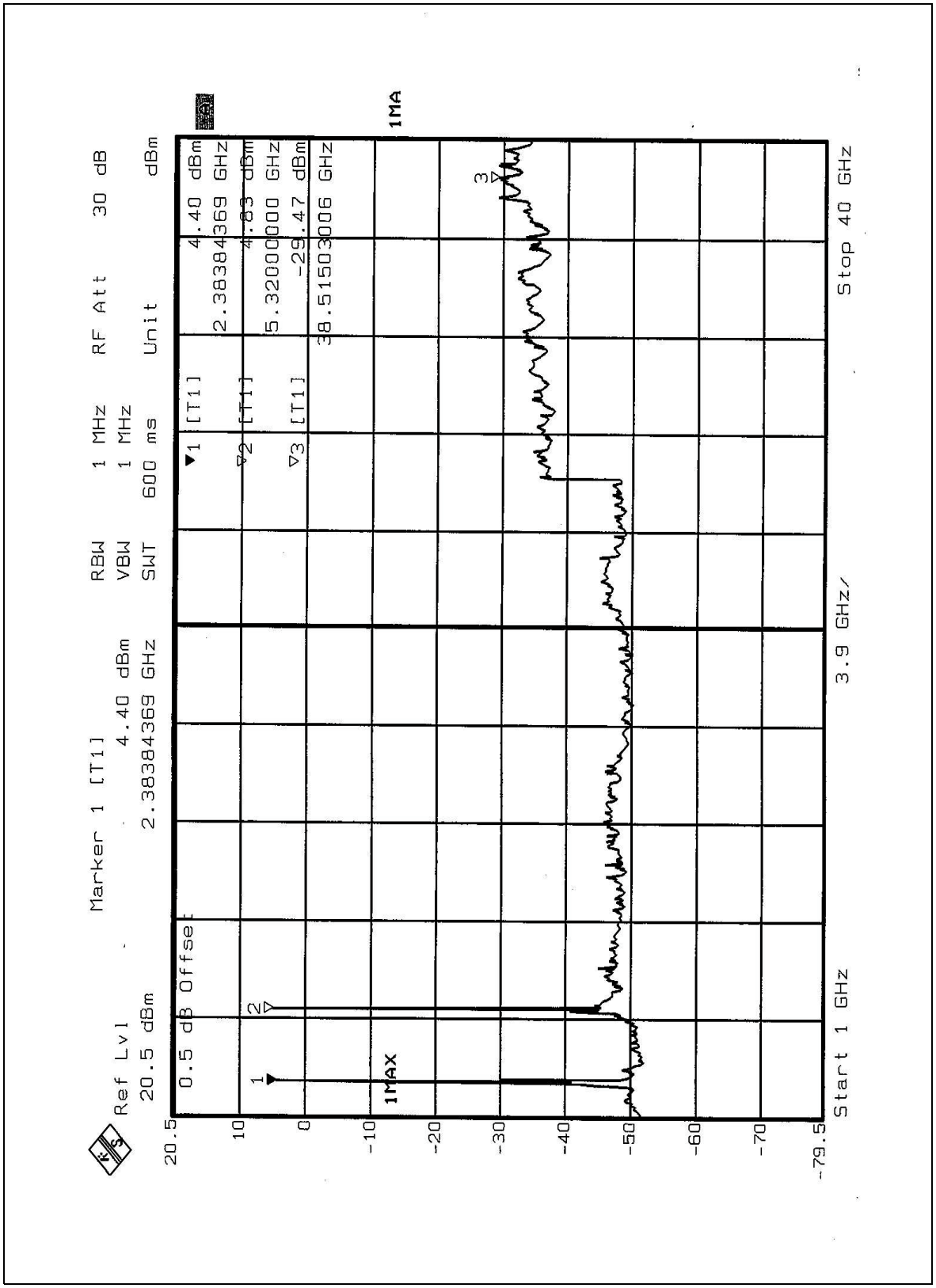
The antenna used in this product is dipole antenna UFL antenna connector. The maximum Gain of the antenna is 4dBi.

6. APPENDIX : SIMULTANEOUS TRANSMISSION

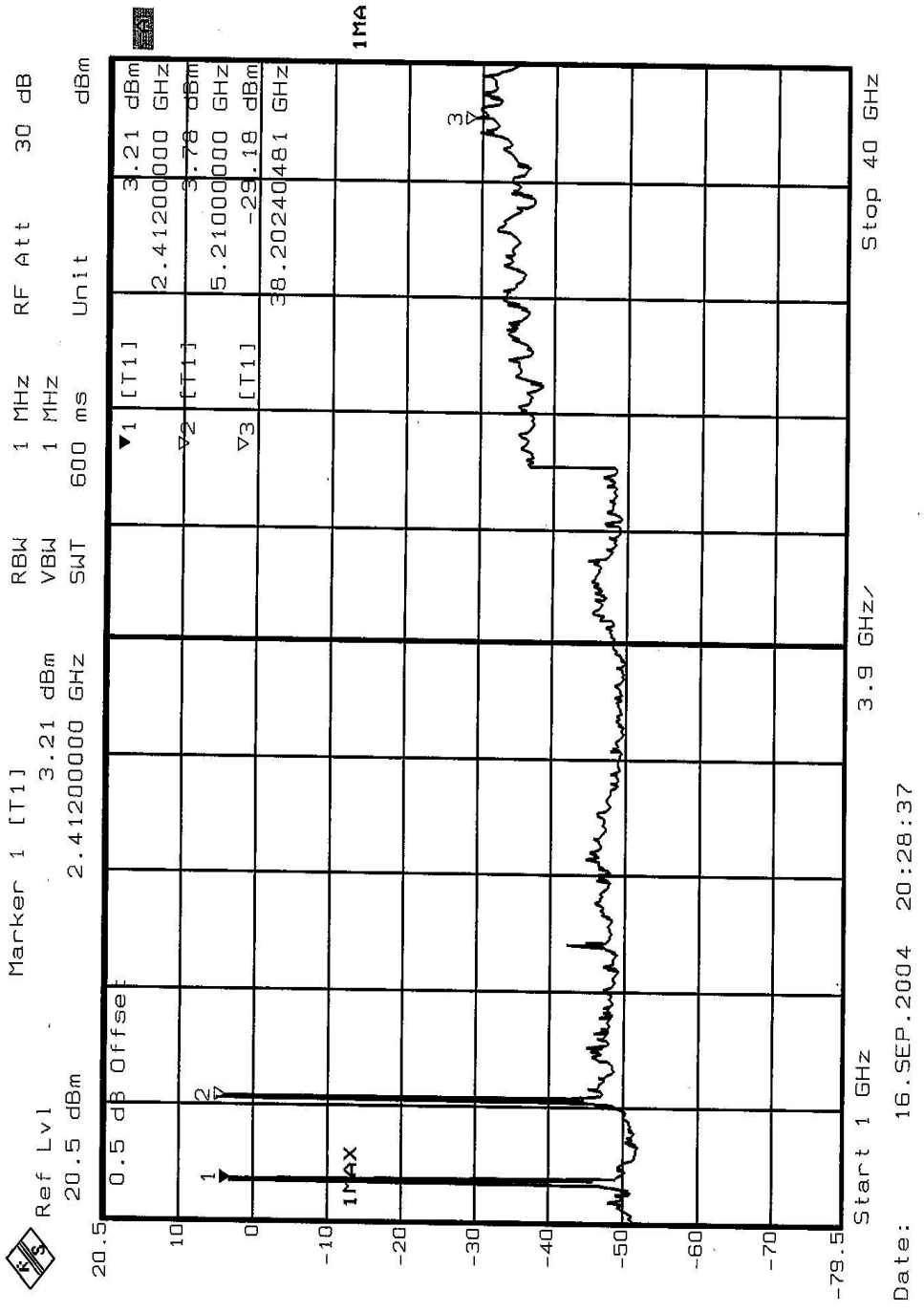
11b (ch 1) 11a normal mode (ch 1)



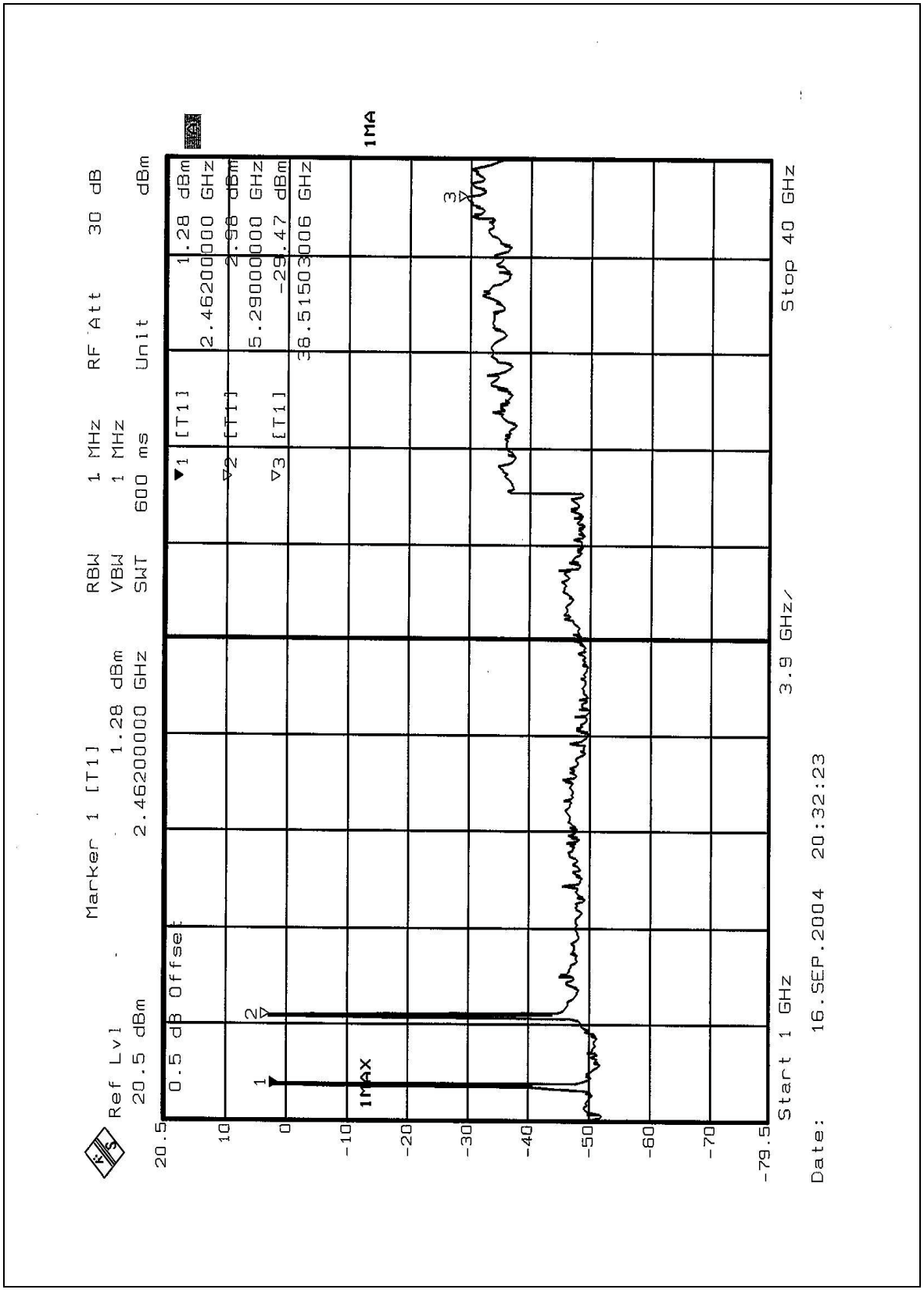
11b (ch 6) 11a normal mode (ch 8)



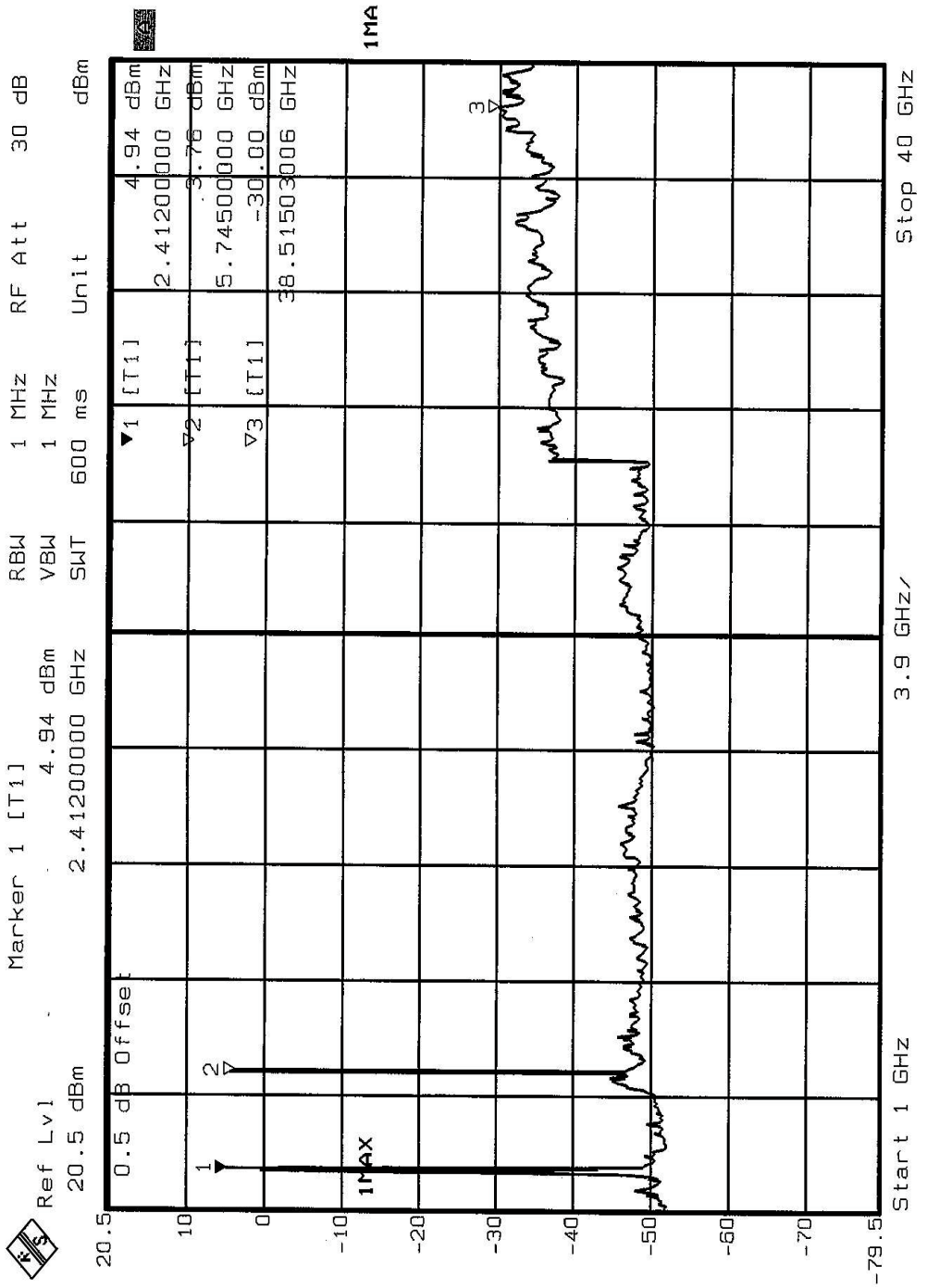
11b (ch 1) 11a turbo mode (ch 1)



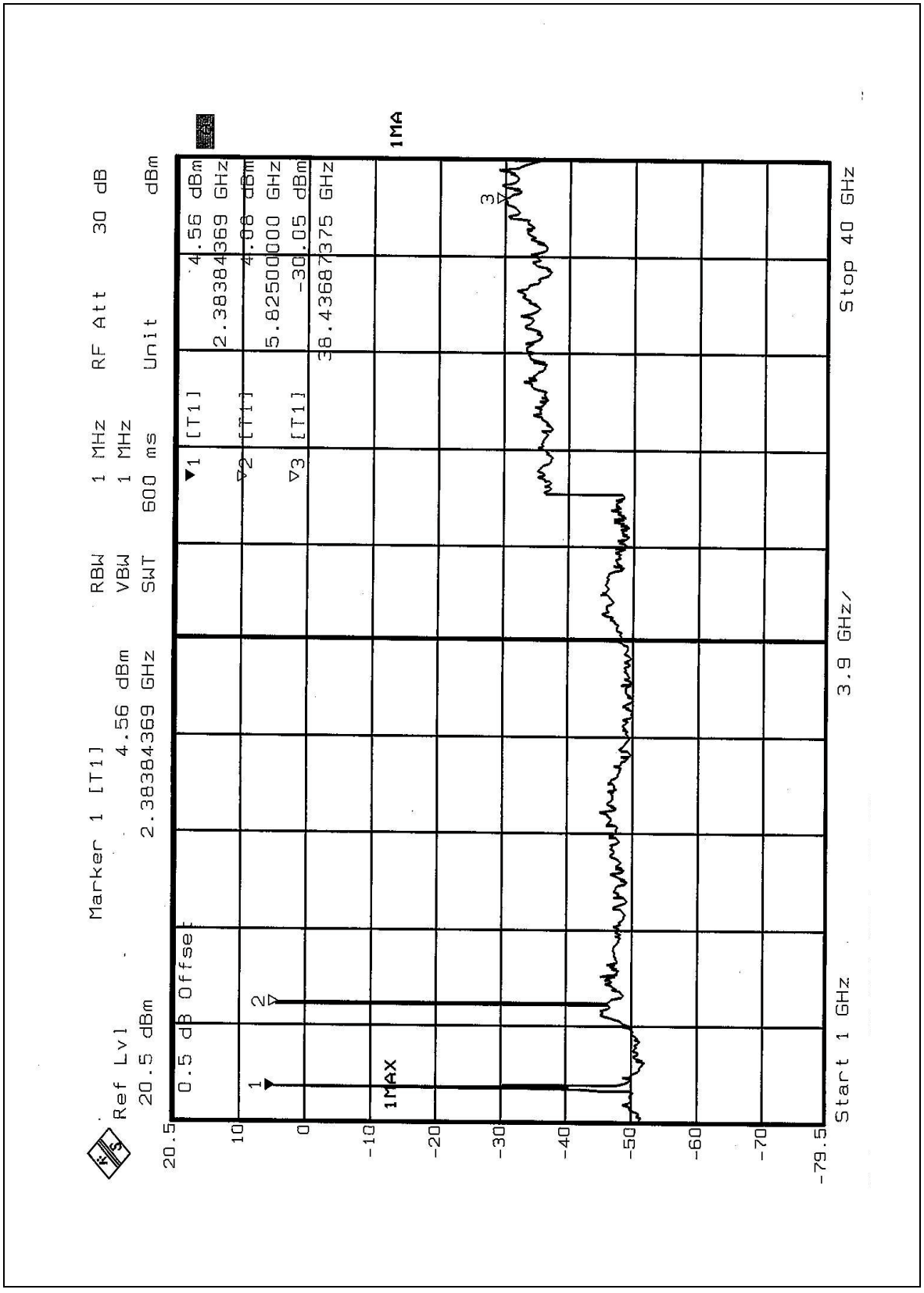
11b (ch 11) 11a turbo mode (ch 3)



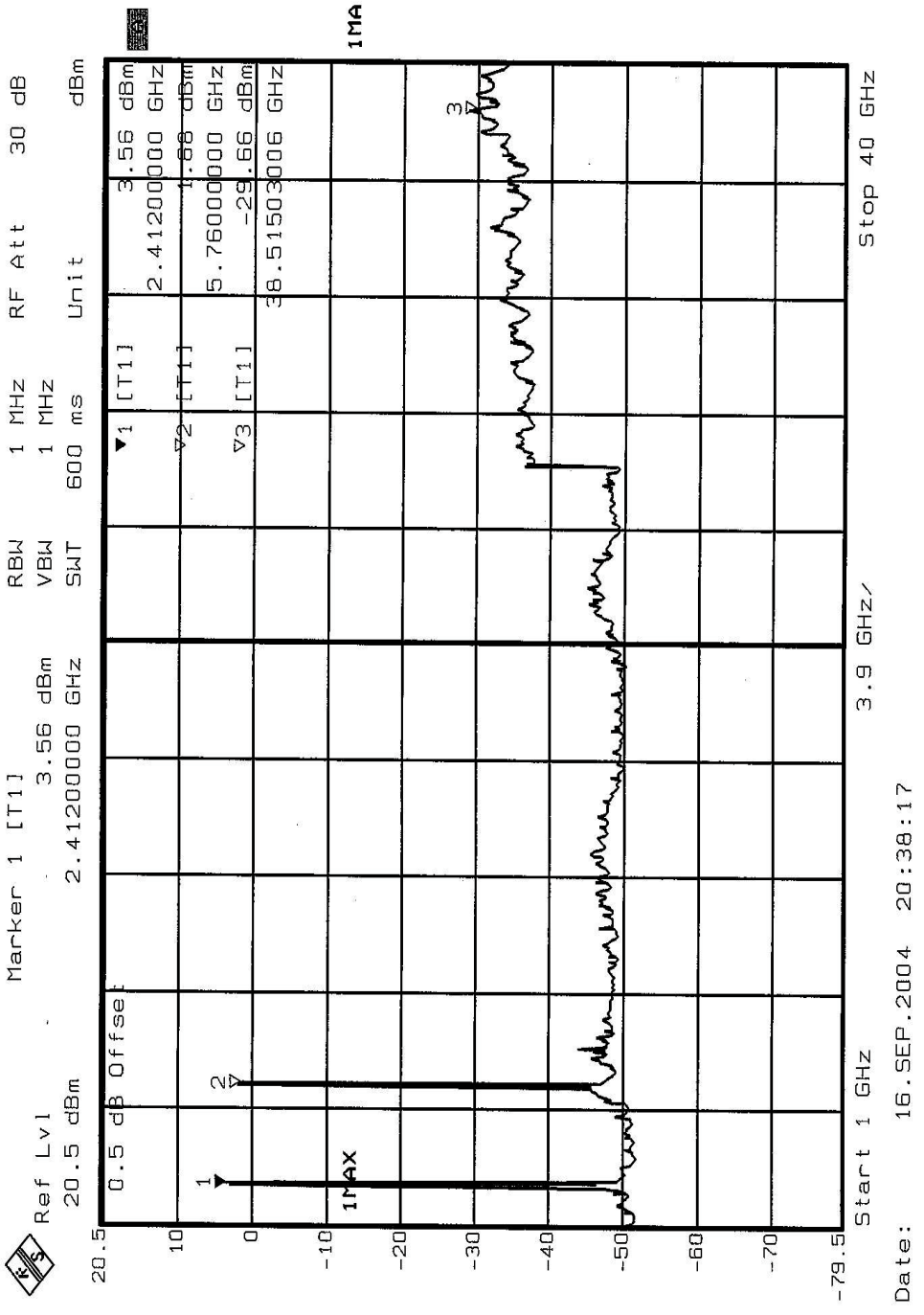
11b (ch 1) 11a normal mode (ch 9)



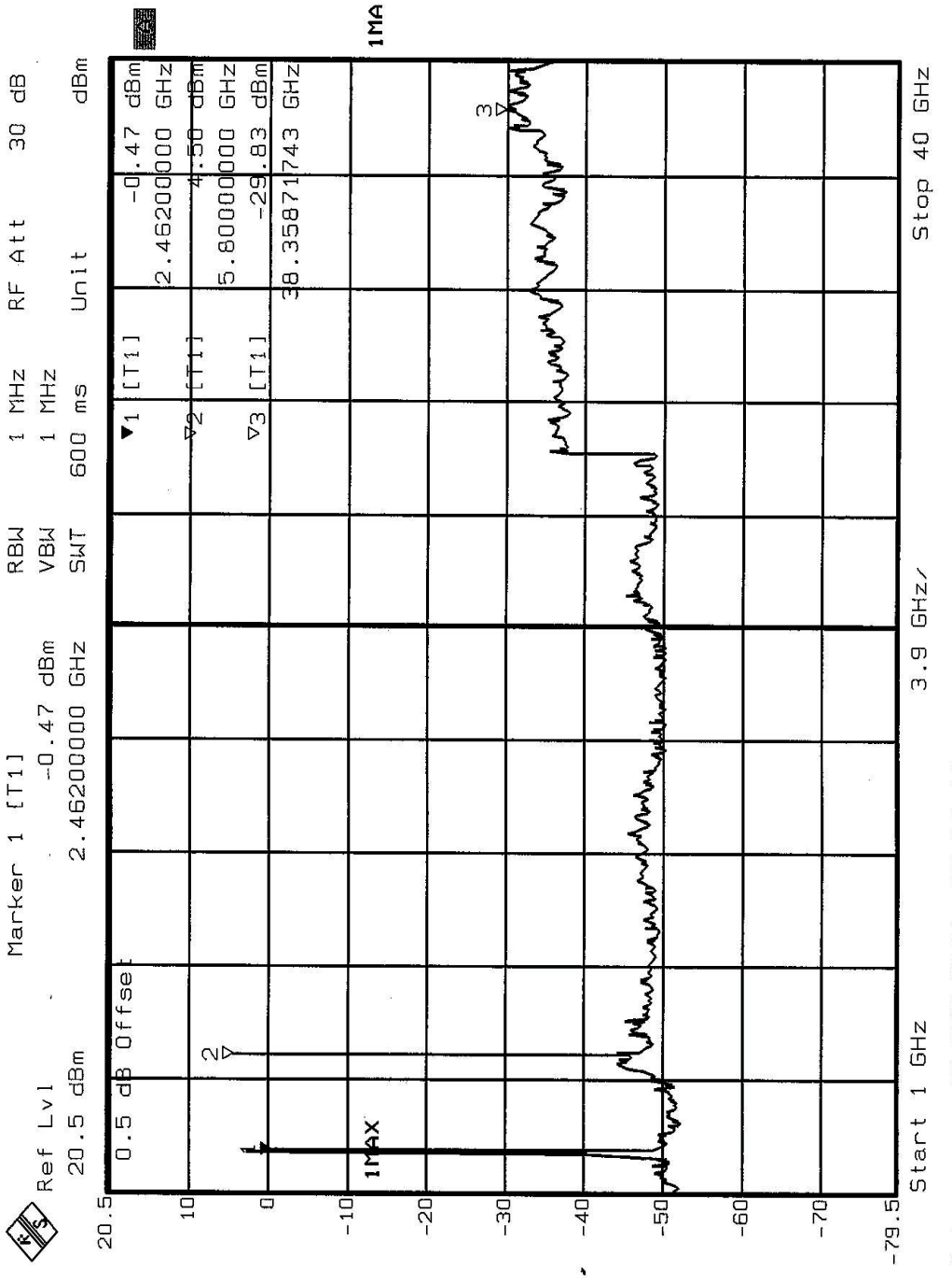
11b (ch 6) 11a normal mode (ch 13)



11b (ch 1) 11a turbo mode (ch 4)

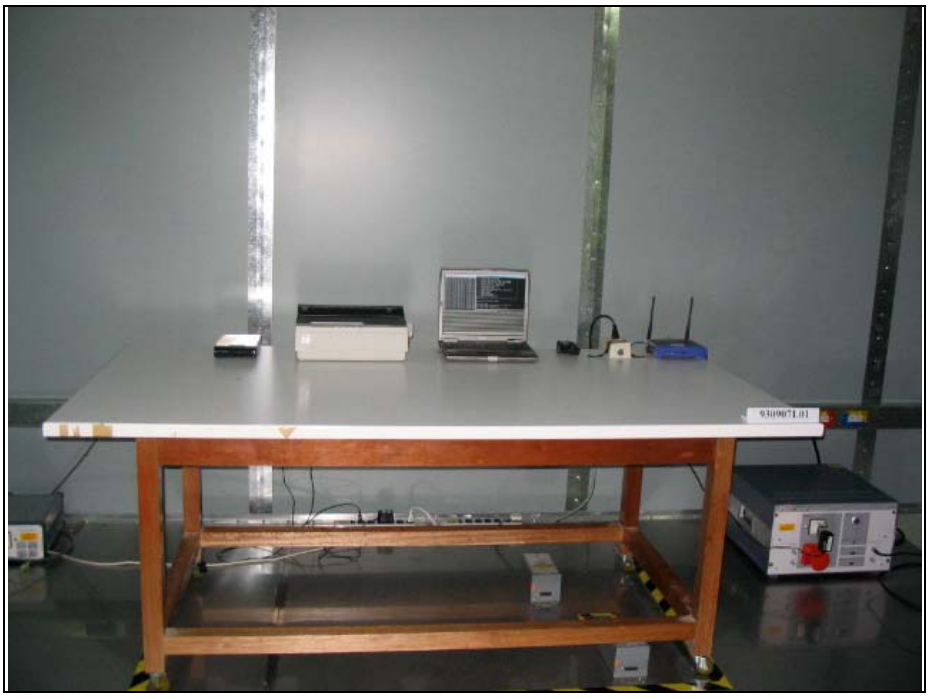


1b (ch 11) 11a turbo mode (ch 5)

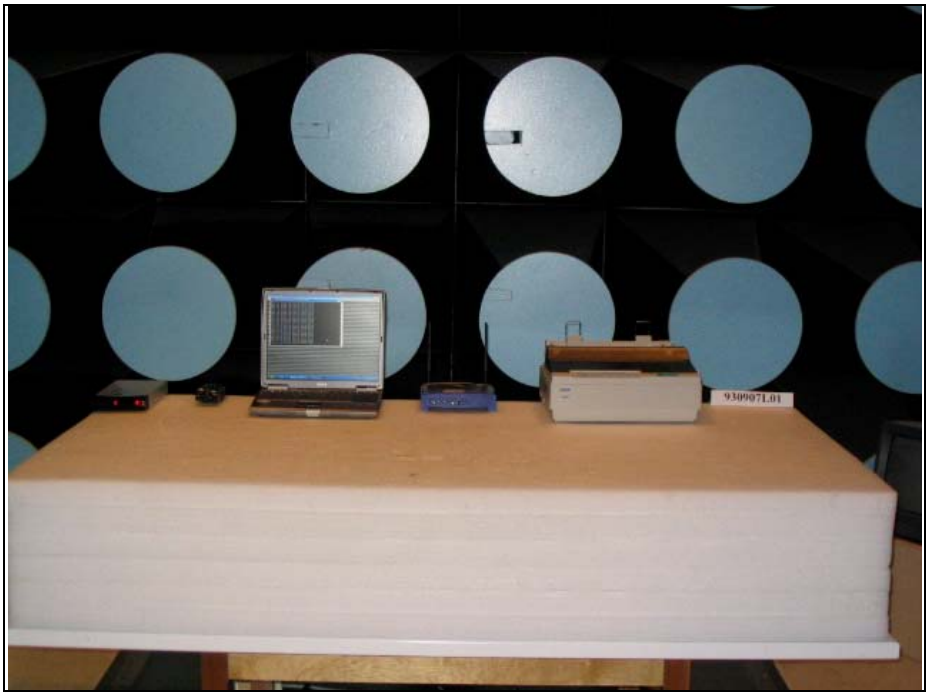


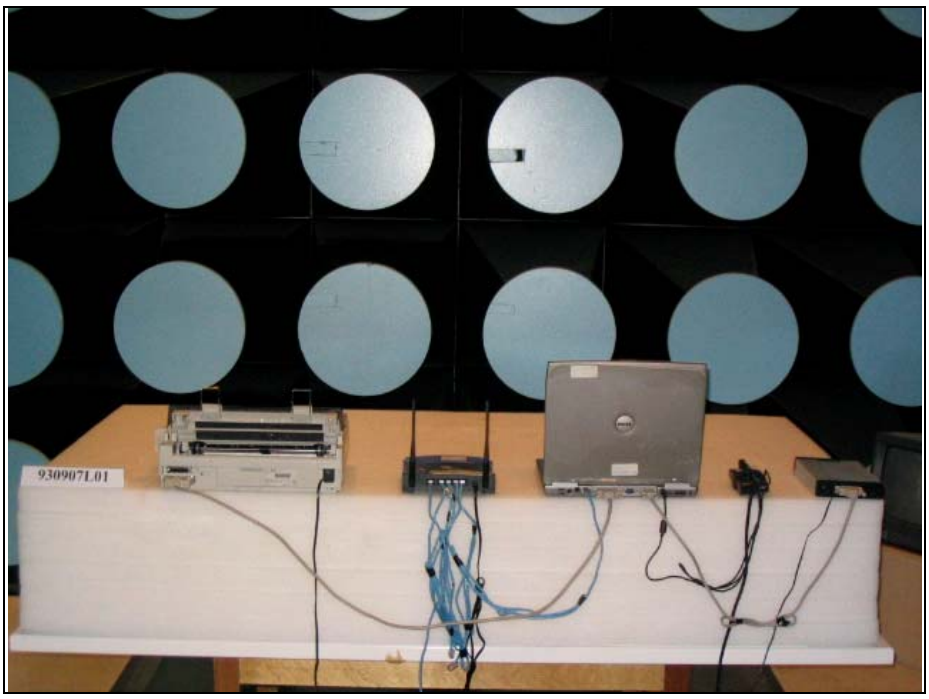
7. PHOTOGRAPHS OF THE TEST CONFIGURATION

CONDUCTED EMISSION TEST



RADIATED EMISSION TEST





8. INFORMATION ON THE TESTING LABORATORIES

We, ADT Corp., were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are accredited and approved by the following approval agencies according to ISO/IEC 17025, Guide 25 or EN 45001:

USA	FCC, NVLAP, UL, A2LA
Germany	TUV Rheinland
Japan	VCCI
Norway	NEMKO
Canada	INDUSTRY CANADA , CSA
R.O.C.	CNLA, BSMI, DGT
Netherlands	Telefication
Singapore	PSB , GOST-ASIA(MOU)
Russia	CERTIS(MOU)

Copies of accreditation certificates of our laboratories obtained from approval agencies can be downloaded from our web site: www.adt.com.tw/index.5/phtml. If you have any comments, please feel free to contact us at the following:

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The address and road map of all our labs can be found in our web site also

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