

APPLICANT: BACKMI CORPORATION

FCC ID: RNDDA579B

NAME OF TEST: RADIATED SPURIOUS EMISSION INTO ADJACENT
RESTRICTED BAND

REQUIREMENTS: Emissions that fall in the restricted bands
(15.205). These emissions must be less than
or equal to 500uV/m (54 dBuV/m).

TEST PROCEDURE An in band field strength measurement of the fundamental
emission using the RBW and detector function required
by C63.4 - 2000 and FCC Rules. The procedure was repeated
with an average detector and a plot made. The calculated
field strength in the adjacent restricted band is
presented below.

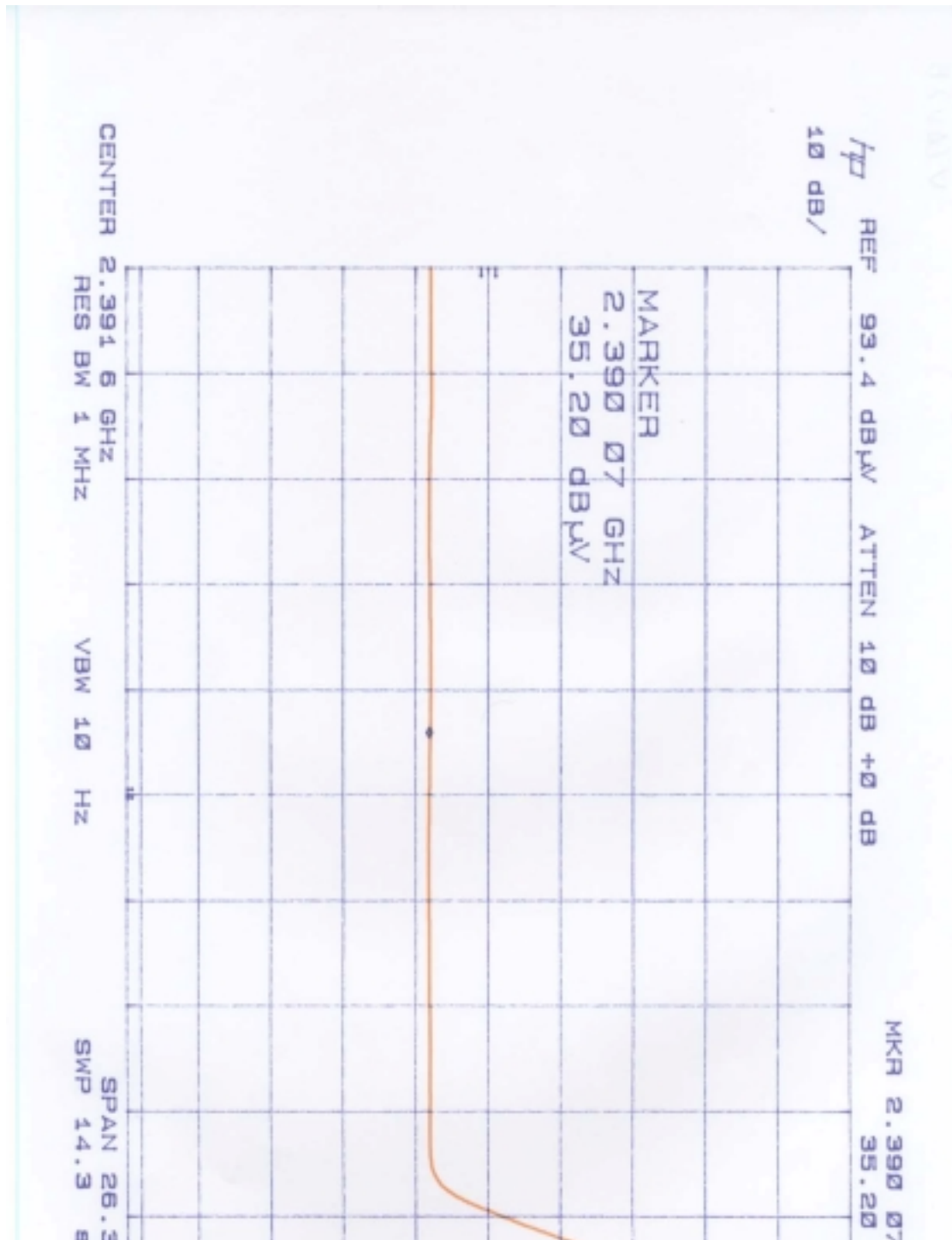
BASE

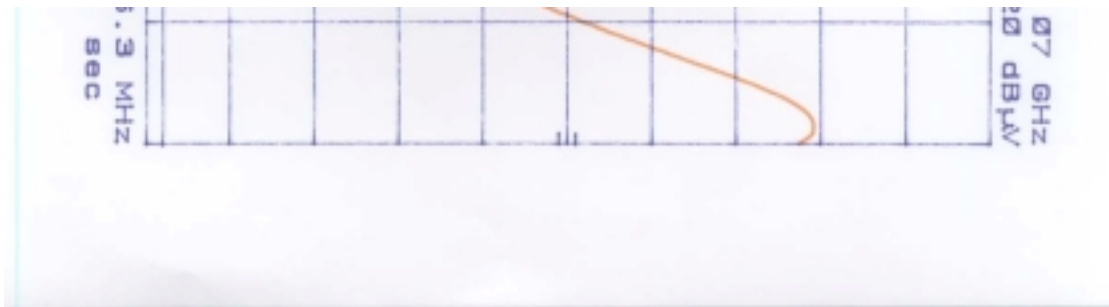
FRQU	2390(MHz)		2483.5(MHz)	
	AV		AV	
Ant Pol	H	V	H	V
S/A Reading	35.1	35.2	35.1	35.3
ACF	27.6	27.6	27.7	27.7
Coax loss	3.2	3.2	3.3	3.3
Amp Gain	31.5	31.5	32.8	32.8
Duty Factor	-6.6	-6.6	-6.6	-6.6
RESULT	27.8	27.9	26.7	26.9

Result =Reading + ANT Factor -AmpGain +CABLELOSS +DutyFactor

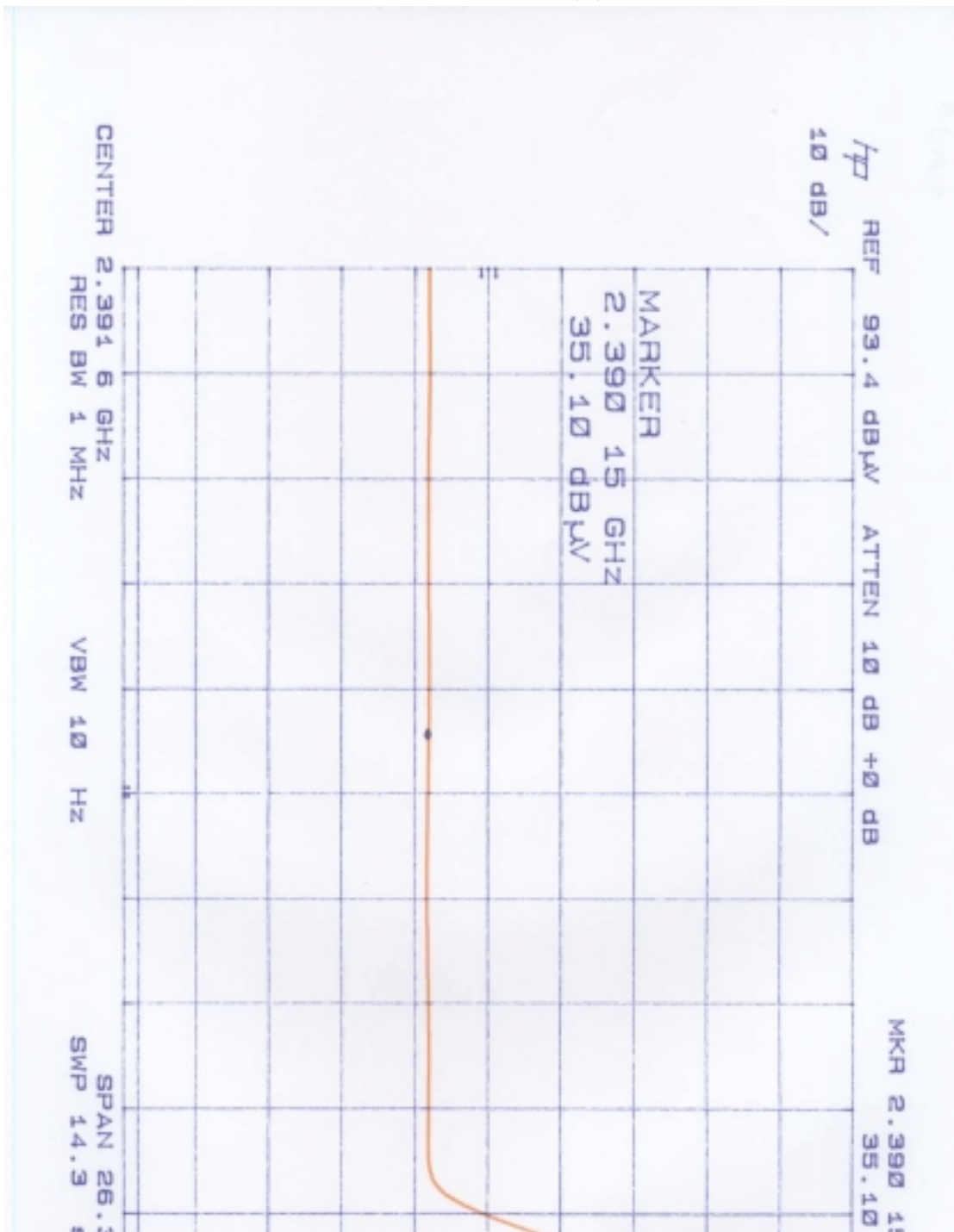
**Bandedge measurements were mand using specal test software that locked the unit
on one frequency (2410 or 2470) or the other so that measurements could be made.
The duration of these measurements were kept short repeated so as keep the RF
amplifiers from over heating**

BASE RESTRICTED BAND 2390MHz(H)





BASE RESTRICTED BAND 2390MHz(V)

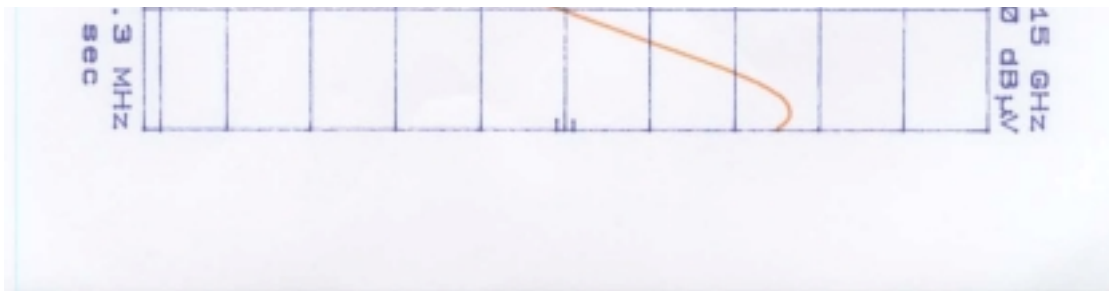


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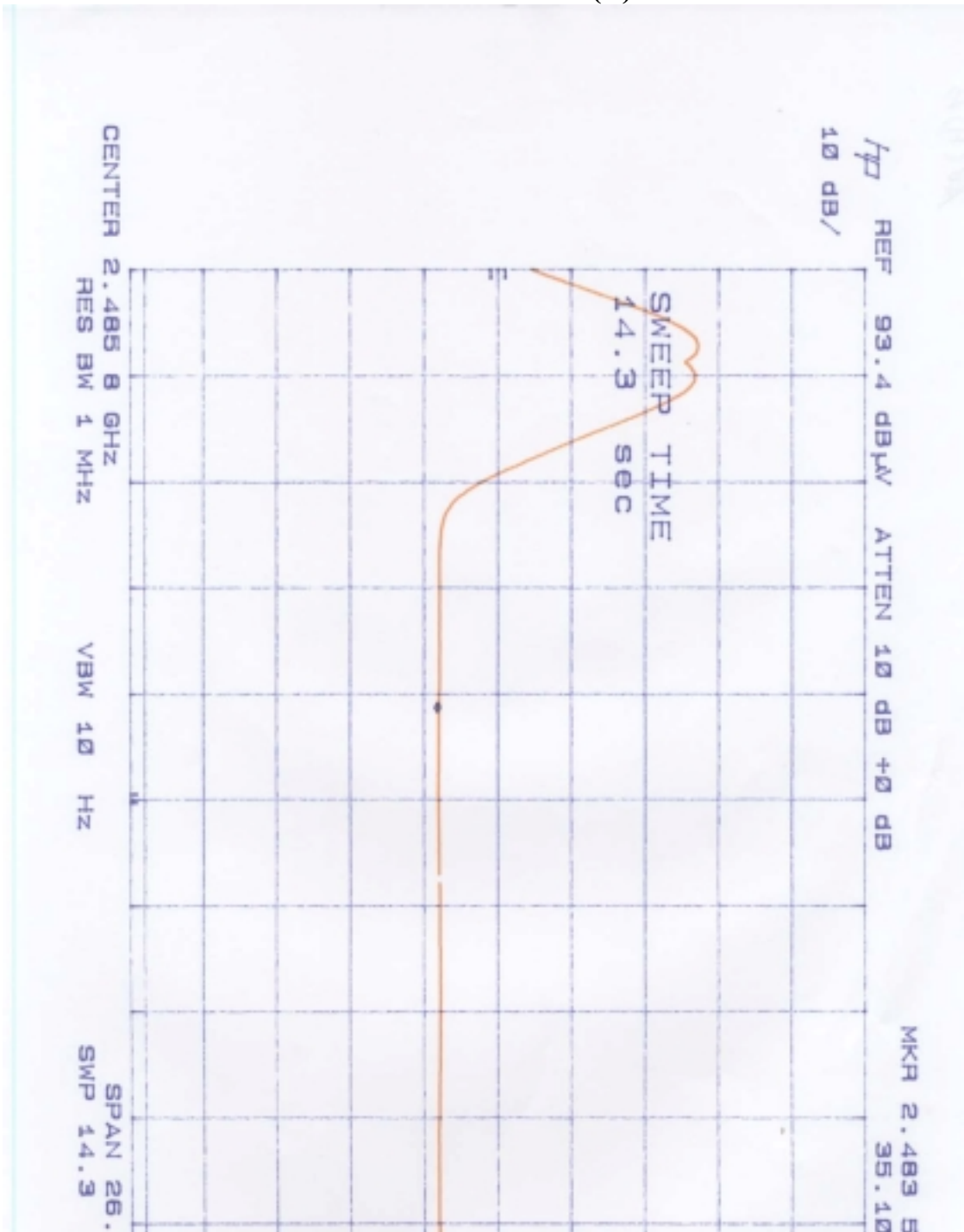
FCCID:RNDDA579B

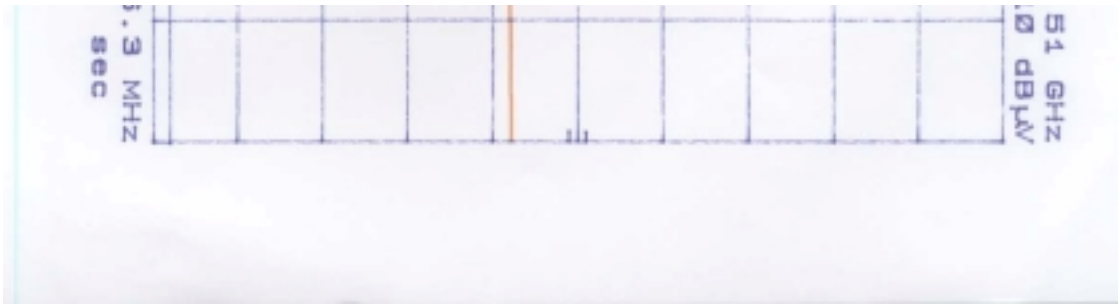
Report:THRU-112103

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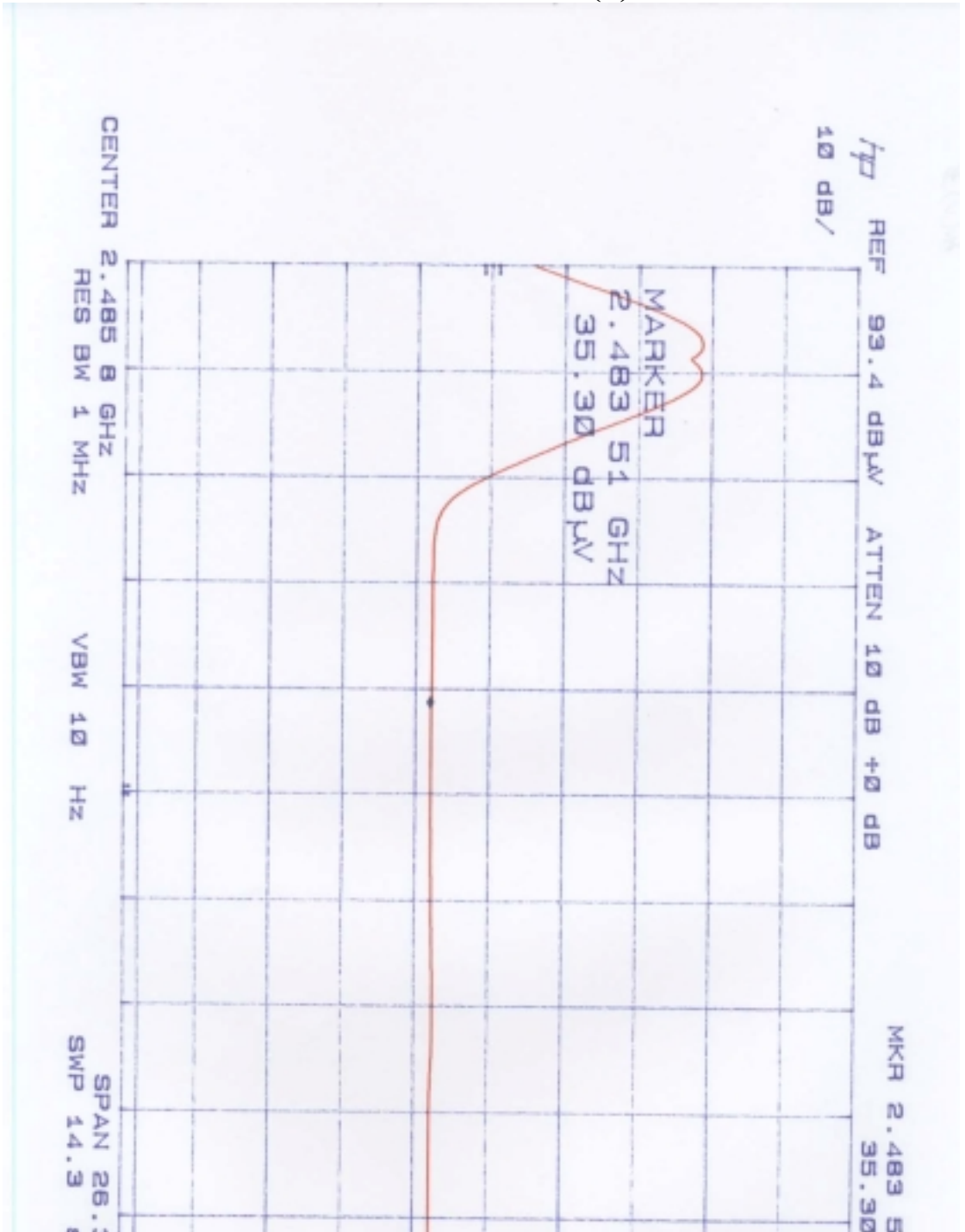


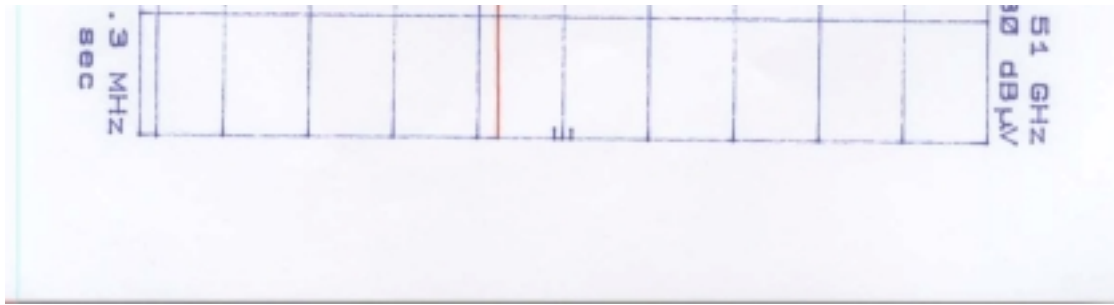
BASE RESTRICTED BAND 2483.5MHz(H)





BASE RESTRICTED BAND 2483.5MHz(V)





APPLICANT: BACKMI CORPORATION
FCC ID: RNDDA579B
NAME OF TEST: POWER SPECTRAL DENSITY (Conducted)
RULES PART NUMBER: 15.247 (d)
REQUIREMENTS: The power spectral density averaged over any 1 second interval shall not be greater than 8dBm in any 3KHz bandwidth within these bands.

TEST DATA:

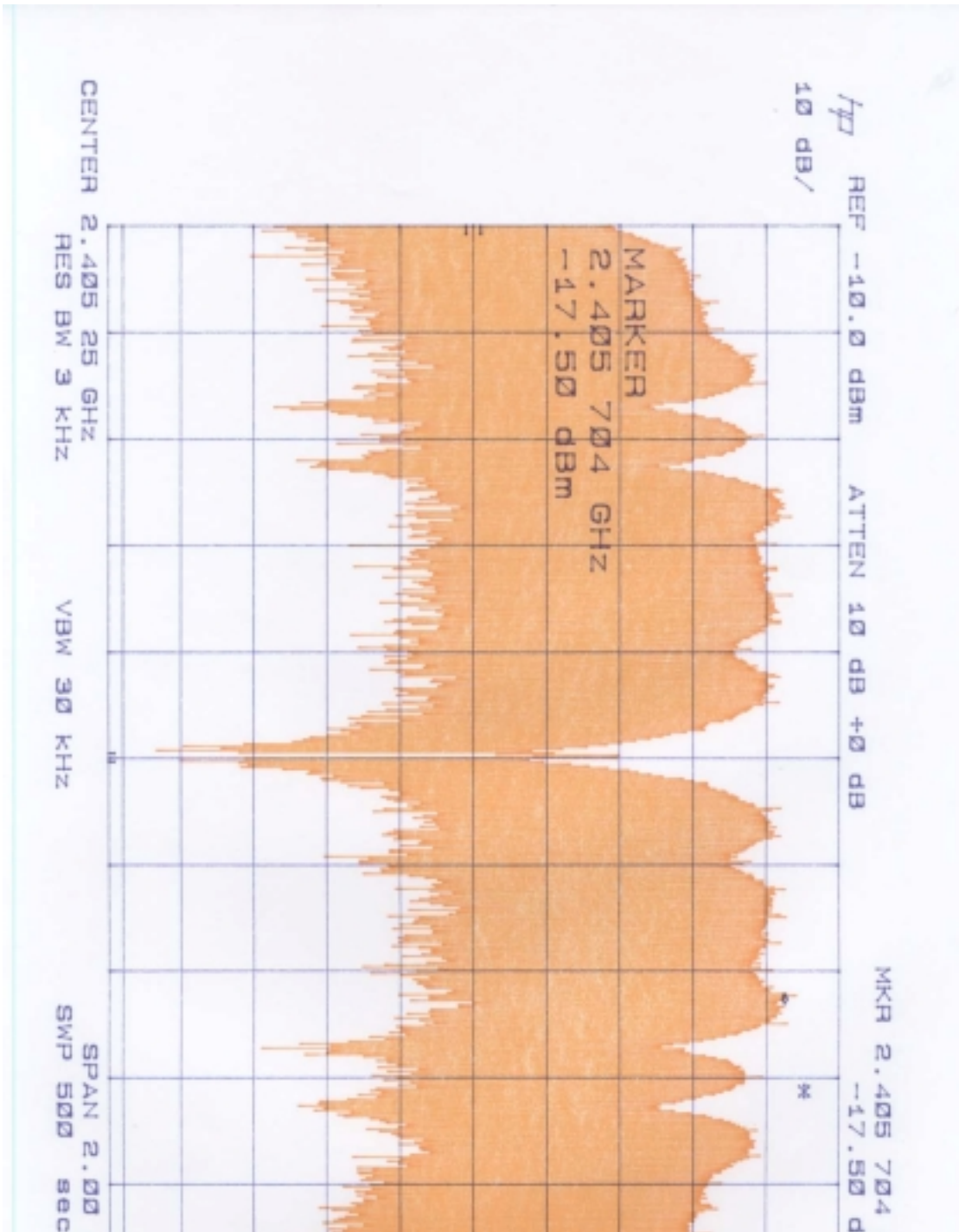
The spectrum lone spacing couls notbe resolved so the noise power density was measured;

Measurement Method:

Starting from the setting that were used for the 6 dB bandwidth the Peak signal was located and the span was reduced and the sweep time increased in a manner to maintain calibration and to keep the pea emission in the display, then the sweep time was increased to 500seconds at 1.5Mhz span and a RBW changed to 3kHz. The spectrum analyzer was put into the noise power mode and the plots mode.

BASE	CHANNEL	dBm	LIMIT
	1	-17.5	Less than
	20	-15.7	8
	40	-9.6	dBm

BASE I CH POWER SPECTRAL DENSITY



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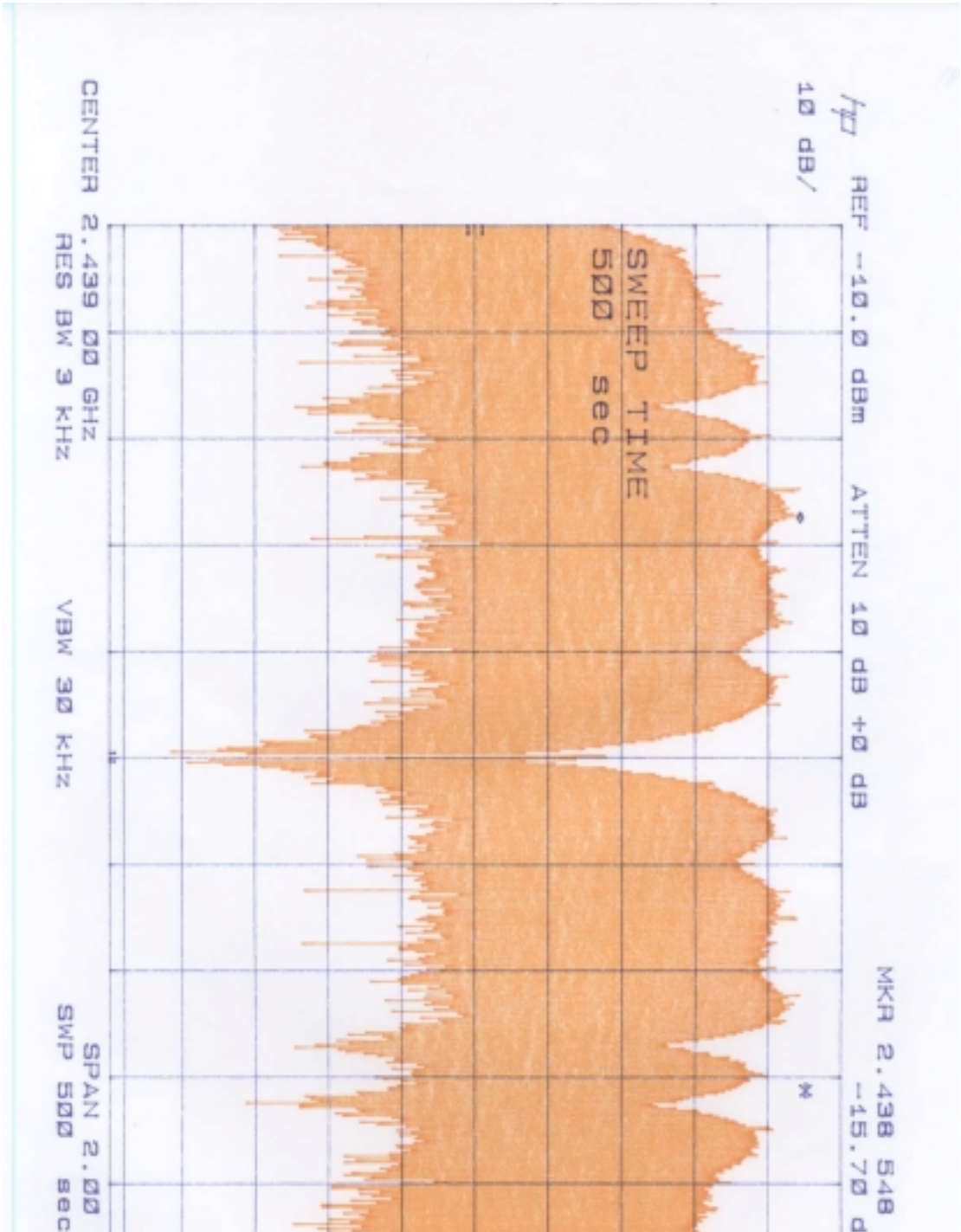
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BASE 20 CH POWER SPECTRAL DENSITY



Applicant: BACKMI CORPORATION

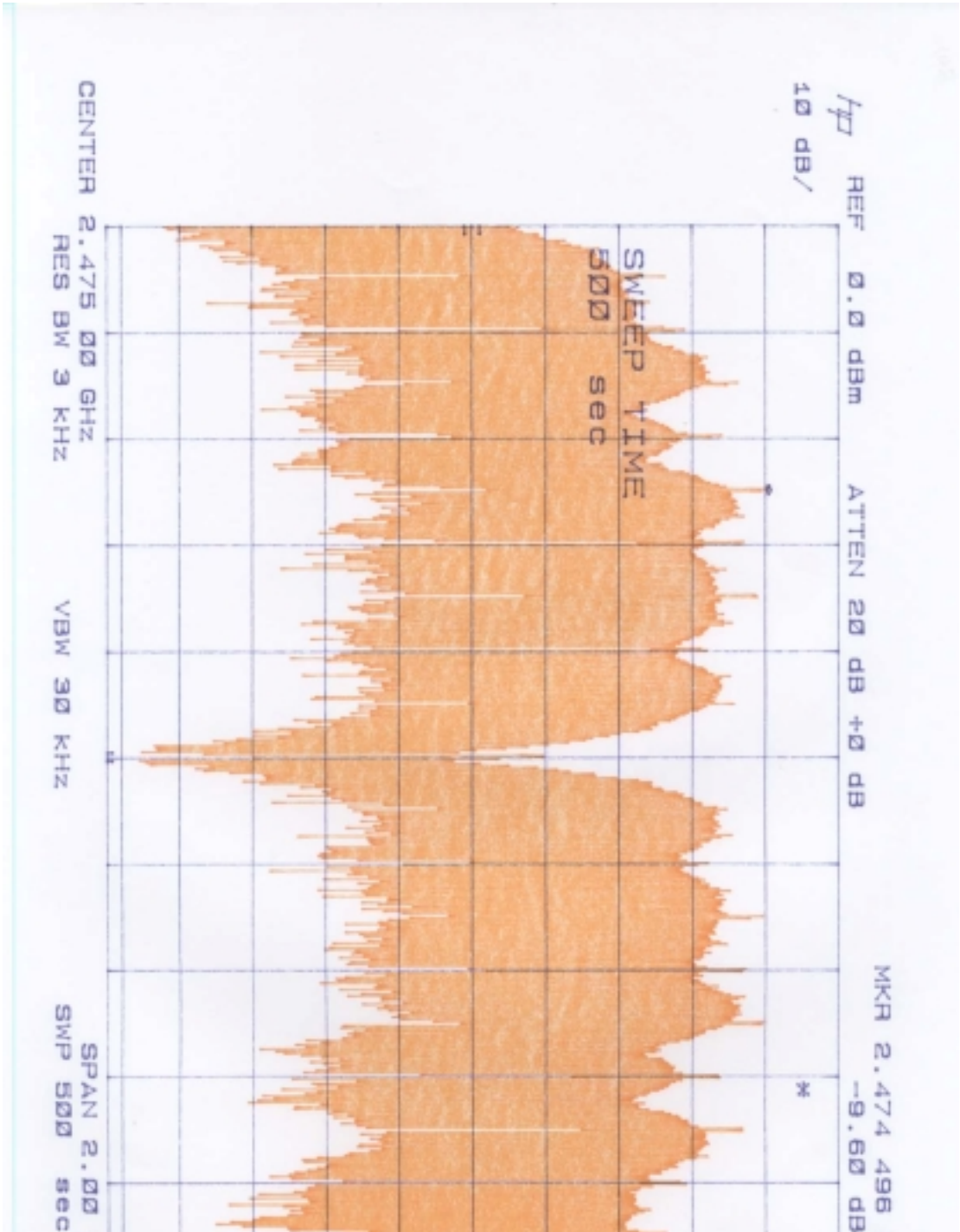
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BASE 40 CH POWER SPECTRAL DENSITY



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