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APPLICANT: STRATEGIC VISTA (BVI) LTD.

FCC ID: PJDSV-O1-TX

TEST REPORT CONTAINING:

EXHIBIT ATTACHMENTS:

APPLICANT: STRATEGIC VISTA (BVI) LTD.
FCC ID: PJDSV-O1-TX

TEST EQUIPMENT LIST

1._X_Spectrum Analyzer: HP 8566B-Opt 462, S/N 3138A07786, w/ preselector HP 85685A, S/N 3221A01400, Quasi-Peak Adapter HP 8565OA, S/N 3303A01690 & Preamplifier HP 8449B-OPT H02, S/N 3008A00372 Cal. 10/17/99
2._X_Biconnical Antenna: Eaton Model 94455-1, S/N 1057
3.___Biconnical Antenna: Electro-Metrics Model BIA-25, S/N 1171
4._X_Log-Periodic Antenna: Electro-Metrics Model EM-6950, S/N 632
5.___Log-Periodic Antenna: Electro-Metrics Model LPA-30, S/N 409
6._X_Double-Ridged Horn Antenna: Electro-Metrics Model RGA-180, 1-18 GHz, S/N 2319
7.___18-26.3GHz Systron Donner Standard Gain Horn #DBE-520-20
8.___Horn 40-60GHz: ATM Part #19-443-6R
9.___Line Impedance Stabilization Network: Electro-Metrics Model ANS-25/2, S/N 2604 Cal. 2/9/00
10.___Temperature Chamber: Tenney Engineering Model TTRC, S/N 11717-7
11.___Frequency Counter: HP Model 5385A, S/N 3242A07460 Cal 10/6/99
12.___Peak Power Meter: HP Model 8900C, S/N 2131A00545
13._X_Open Area Test Site #1-3meters Cal. 12/22/99
14.___Signal Generator: HP 8640B, S/N 2308A21464 Cal. 9/23/99
15.___Signal Generator: HP 8614A, S/N 2015A07428
16.___Passive Loop Antenna: EMCO Model 6512, 9KHz to 30MHz, S/N 9706-1211 Cal. 6/10/00
17.___Dipole Antenna Kit: Electro-Metrics Model TDA-30/1-4, S/N 153 Cal. 11/24/99
18.___AC Voltmeter: HP Model 400FL, S/N 2213A14499 Cal. 9/21/99
19.___Digital Multimeter: Fluke Model 8012A, S/N 4810047 Cal 9/21/99
20.___Digital Multimeter: Fluke Model 77, S/N 43850817 Cal 9/21/99
21.___Oscilloscope: Tektronix Model 2230, S/N 300572 Cal 9/23/99

TEST PROCEDURE

GENERAL: This report shall NOT be reproduced except in full without the written approval of TIMCO ENGINEERING, INC. The UUT was transmitting a test signal during the testing.

RADIATION INTERFERENCE: The test procedure used was ANSI STANDARD C63.4-1992 using a HEWLETT PACKARD spectrum analyzer with a preselector. The analyzer was calibrated in dB above a microvolt at the output of the antenna. The resolution bandwidth was 100KHz and the video bandwidth was 300KHz up to 1.0GHz and 1.0MHz with a video BW of 3.0MHz above 1.0GHz. The ambient temperature of the UUT was 69oF with a humidity of 23%.

TEST PROCEDURE CONTINUED

FORMULA OF CONVERSION FACTORS: The Field Strength at 3m was established by adding the meter reading of the spectrum analyzer (which is set to read in units of dBuV) to the antenna correction factor supplied by the antenna manufacturer. The antenna correction factors are stated in terms of dB. The gain of the Preselector was accounted for in the Spectrum Analyzer Meter Reading.

Example:

Freq (MHz)	METER READING + ACF = FS
33	20 dBuV + 10.36 dB = 30.36 dBuV/m @ 3m

POWER LINE CONDUCTED INTERFERENCE: The procedure used was ANSI STANDARD C63.4-1992 using a 50uH LISN. Both lines were observed. The bandwidth of the spectrum analyzer was 10kHz with an appropriate sweep speed. The ambient temperature of the UUT was 77oF with a humidity of 52%.

ANSI STANDARD C63.4-1992 10.1.7 MEASUREMENT PROCEDURES: The UUT was placed on a table 80 cm high and with dimensions of 1m by 1.5m. The UUT was placed in the center of the table (1.5m side). The table used for radiated measurements is capable of continuous rotation.

When an emission was found, the table was rotated to produce the maximum signal strength. At this point, the antenna was raised and lowered from 1m to 4m. The antenna was placed in both the horizontal and vertical planes.

The situation was similar for the conducted measurement except that the table did not rotate. The EUT was setup as described in ANSIC63.4-1992 with the EUT 40 cm from the vertical ground wall.

APPLICANT: STRATEGIC VISTA (BVI) LTD.

FCC ID: PJDSV-O1-TX

NAME OF TEST: RADIATION INTERFERENCE

RULES PART NUMBER: 15.249, 15.209

REQUIREMENTS:

FIELD STRENGTH	FIELD STRENGTH	S15.209
of Fundamental:	of Harmonics	30 - 88 MHz 40 dBuV/m @3M
902-928 MHZ		88 -216 MHz 43.5
2.4-2.4835 GHz		216 -960 MHz 46
94 dBuV/m @3m	54 dBuV/m @3m	ABOVE 960 MHz 54dBuV/m

EMISSIONS RADIATED OUTSIDE OF THE SPECIFIED FREQUENCY BANDS, EXCEPT FOR HARMONICS, SHALL BE ATTENUATED BY AT LEAST 50 dB BELOW THE LEVEL OF THE FUNDAMENTAL OR TO THE GENERAL RADIATED EMISSION LIMITS IN 15.209, WHICHEVER IS THE LESSER ATTENUATION.

TEST RESULTS: This unit DOES meet the FCC requirements.

TEST DATA:

EMISSION FREQUENCY MHz	METER READING AT 3 METERS dBuV	COAX LOSS dB	ANTENNA CORRECTION FACTOR dB	FIELD STRENGTH dBuV/m@3m	MARGIN dB	ANT. POL.
2410.30	57.40	1.09	29.03	87.52	6.48	V
4820.60	8.90	1.45	33.92	44.28	9.72	V
7230.90	2.10	1.82	36.63	40.55	13.45	V
9641.20	3.20	2.11	38.59	43.90	10.10	V
2452.30	55.70	1.10	29.13	85.93	8.07	V
4904.60	10.80	1.47	34.02	46.28	7.72	V
7356.90	0.60	1.83	36.78	39.21	14.79	V
9809.20	4.20	2.13	38.70	45.03	8.97	V
2472.30	55.50	1.10	29.18	85.78	8.22	V
4944.60	8.90	1.47	34.06	44.43	9.57	V
7416.90	2.40	1.84	36.84	41.09	12.91	V
9889.20	2.70	2.14	38.76	43.59	10.41	V

TEST PROCEDURE: ANSI STANDARD C63.4-1992 using a Hewlett Packard Model 8566B spectrum analyzer, a Hewlett Packard Model 85685A Preselector, a Hewlett Packard Model 85650A Quasi-Peak adapter, and an appropriate antenna - see test equipment list. The bandwidth of spectrum analyzer was 100 kHz with an appropriate sweep speed. When an emission was found, the table was rotated to produce the maximum signal strength. The antenna was placed in both the horizontal and vertical planes and the worse case emissions were reported. The spectrum was searched to at least the tenth(10) harmonic of the fundamental.

PERFORMED BY: JOSEPH SCOGLIO DATE: MARCH 9, 2001

APPLICANT : STRATEGIC VISTA (BVI) LTD.

FCC ID : PJDSV-O1-TX

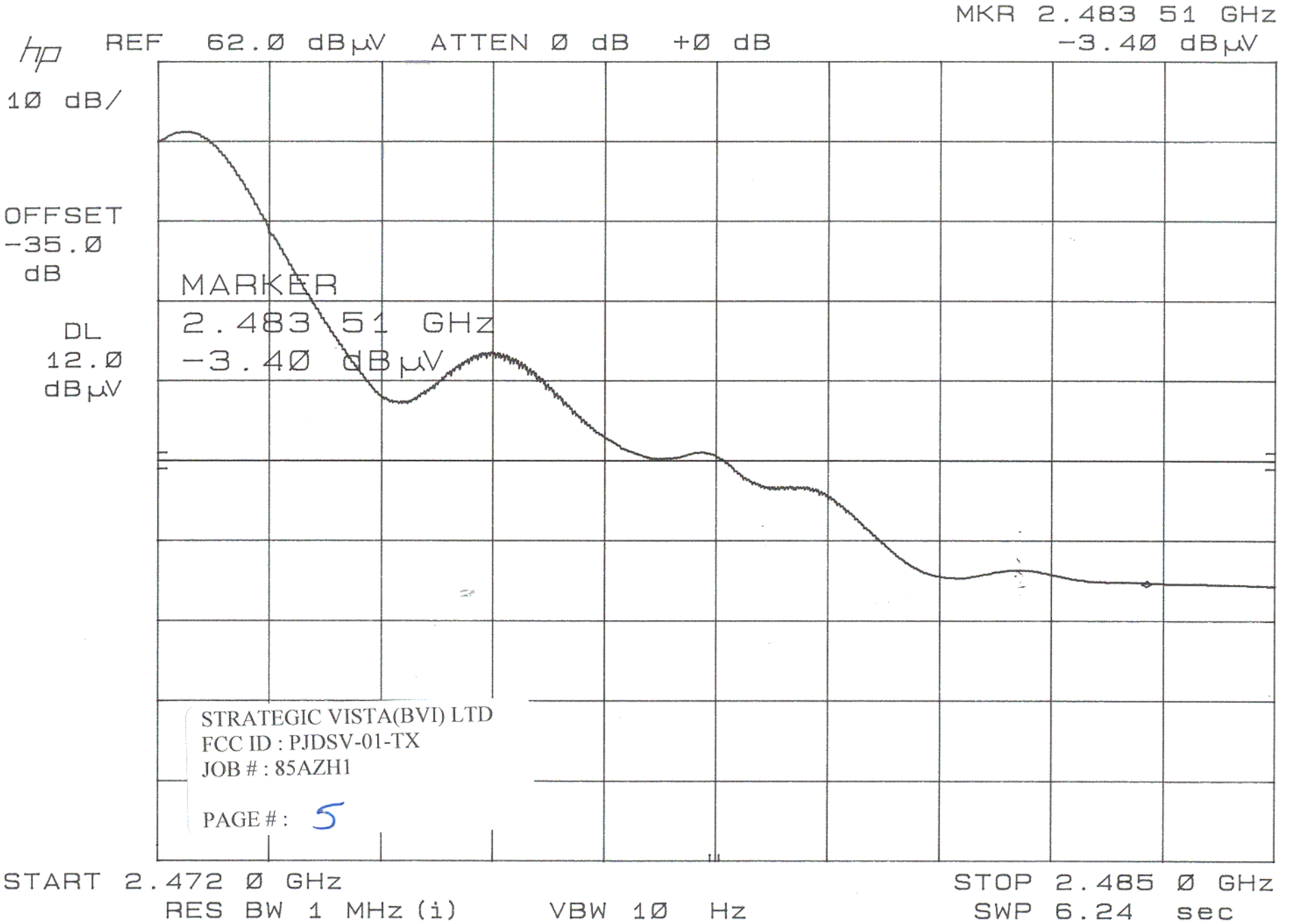
NAME OF TEST:

RADIATED SPURIOUS EMISSIONS INTO ADJACENT RESTRICTED BAND

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

-3.4	M.R.
+29.21	ACF
+ 2.0	COAX LOSS
27.81	dBuV


MKR 2.483 51 GHz
REF 62.0 dBµV ATTEN 0 dB +0 dB
-3.40 dBµV
10 dB/
OFFSET
-35.0
dB
MARKER
2.483 51 GHz
-3.40 dBµV
DL
12.0
dBµV
STRATEGIC VISTA(BVI) LTD
FCC ID : PJDSV-01-TX
JOB # : 85AZH1
PAGE # : 5
START 2.472 0 GHz
STOP 2.485 0 GHz
RES BW 1 MHz (i)
VBW 10 Hz
SWP 6.24 sec

APPLICANT: STRATEGIC VISTA (BVI) LTD.

FCC ID: PJDSV-O1-TX

NAME OF TEST: Occupied Bandwidth

RULES PART NO.: 15.249

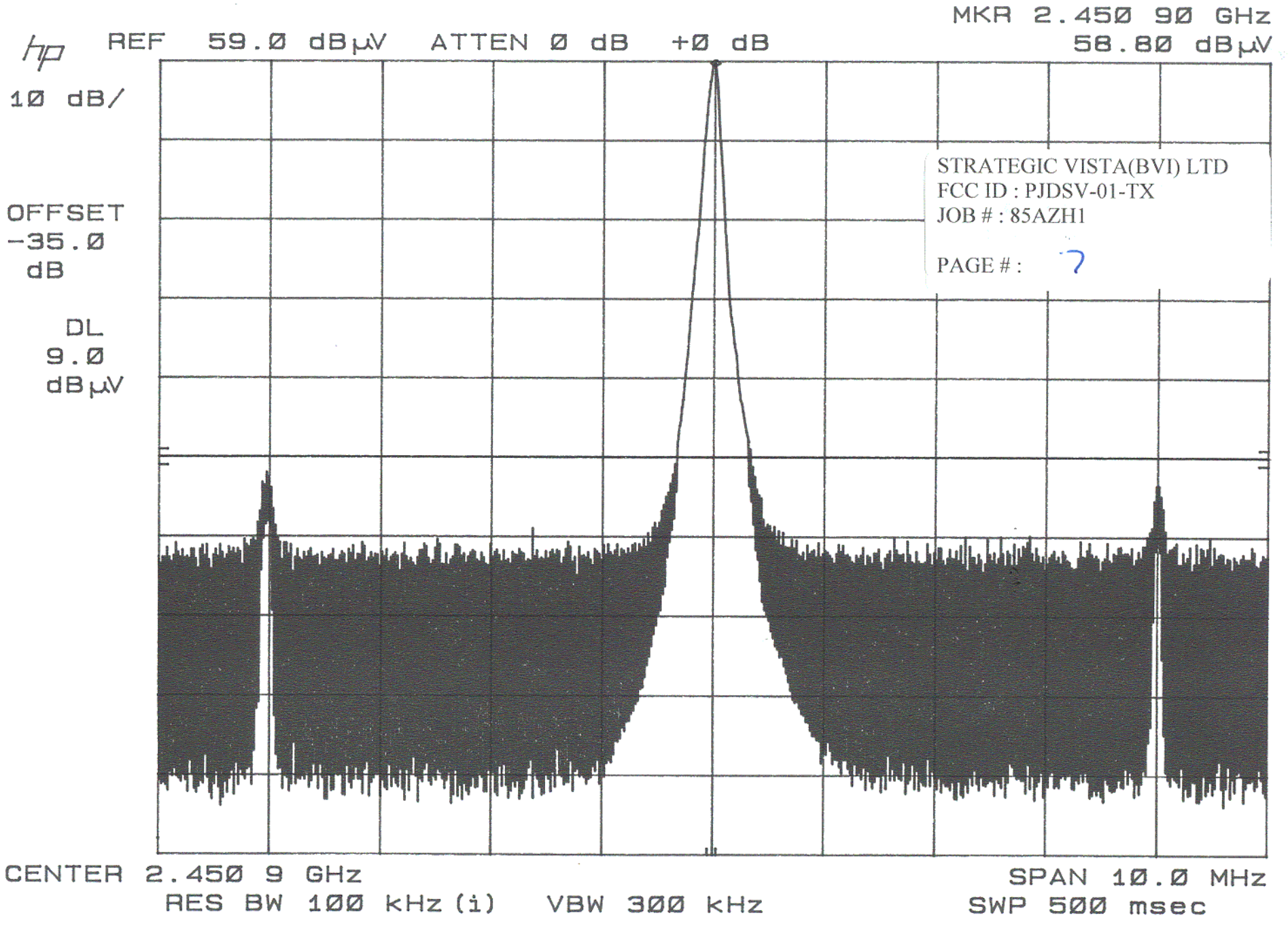
REQUIREMENTS: The field strength of any emissions appearing outside the band edges and up to 10 kHz above and below the band edges shall be attenuated at least 50 dB below the level of the carrier or to the general limits of 15.249.

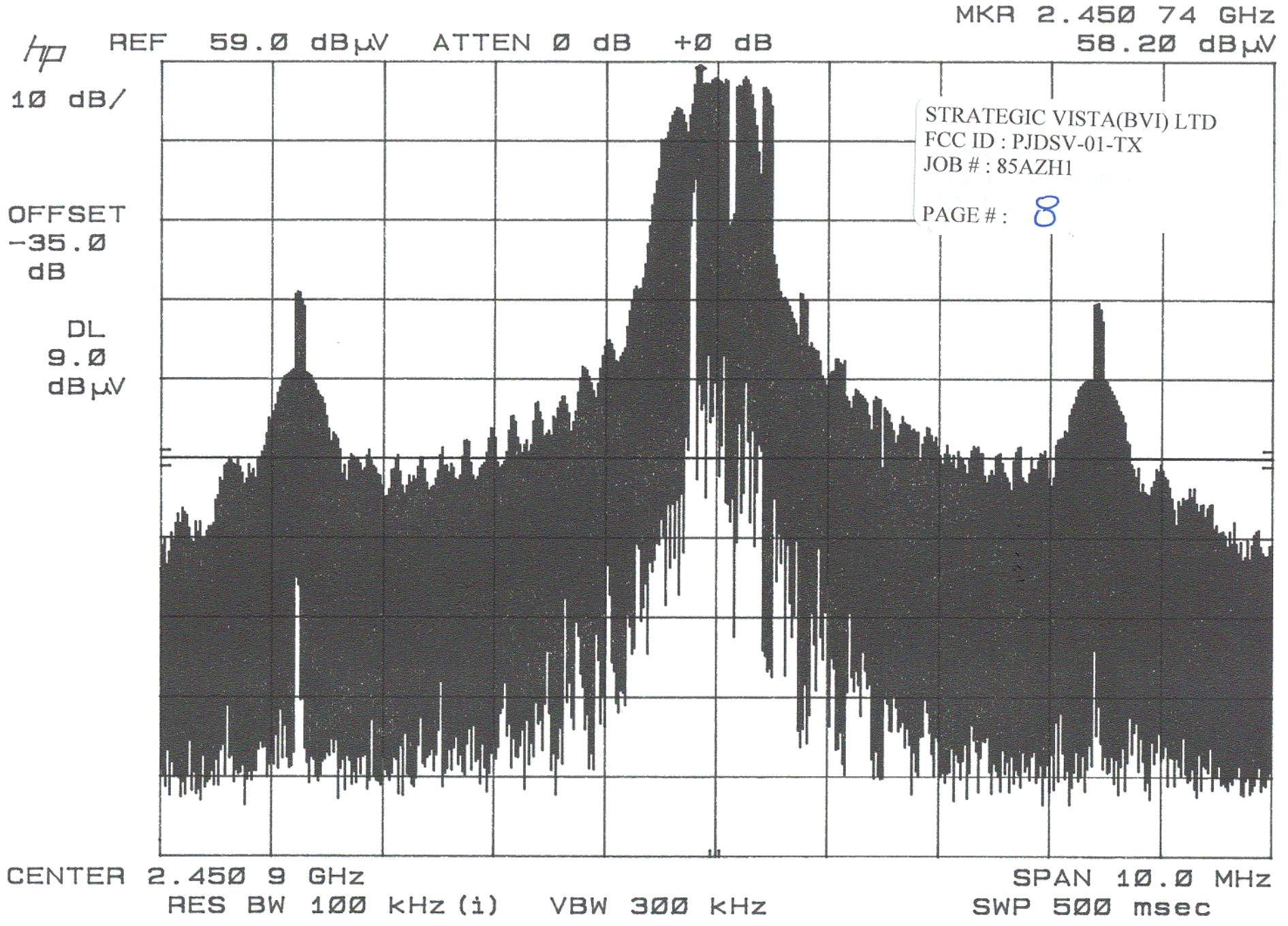
THE PLOTS ON THE FOLLOWING TWO PAGES REPRESENTS THE EMISSIONS TAKEN FOR THIS DEVICE.

METHOD OF MEASUREMENT: A small sample of the transmitter output was fed into the spectrum analyzer and the attached plot was printed. The vertical scale is set to -10 dBm per division. The horizontal scale is set to 1 MHz per division.

TEST RESULTS: The unit DOES meet the FCC requirements.

PERFORMED BY: JOSEPH SCOGLIO MARCH 9, 2001


MKR 2.450 90 GHz
58.80 dBµV
REF 59.0 dBµV ATTEN 0 dB +0 dB
10 dB/
OFFSET
-35.0
dB
DL
9.0
dBµV
STRATEGIC VISTA(BVI) LTD
FCC ID : PJDSV-01-TX
JOB # : 85AZH1
PAGE # : 7
CENTER 2.450 9 GHz
SPAN 10.0 MHz
RES BW 100 kHz (i) VBW 300 kHz
SWP 500 msec


MKR 2.450 74 GHz
58.20 dBµV
REF 59.0 dBµV
ATTEN 0 dB +0 dB
10 dB/
OFFSET
-35.0
dB
DL
9.0
dBµV
STRATEGIC VISTA(BVI) LTD
FCC ID : PJDSV-01-TX
JOB # : 85AZH1
PAGE # : 8
CENTER 2.450 9 GHz
SPAN 10.0 MHz
RES BW 100 kHz (i)
VBW 300 kHz
SWP 500 msec

APPLICANT: STRATEGIC VISTA (BVI) LTD.

FCC ID: PJDSV-O1-TX

NAME OF TEST: POWER LINE CONDUCTED INTERFERENCE

RULES PART NUMBER: 15.107

MINIMUM REQUIREMENTS:	FREQUENCY	LEVEL
	__MHz___	_uV_
	0.450-30	250

TEST PROCEDURE: ANSI STANDARD C63.4-1992

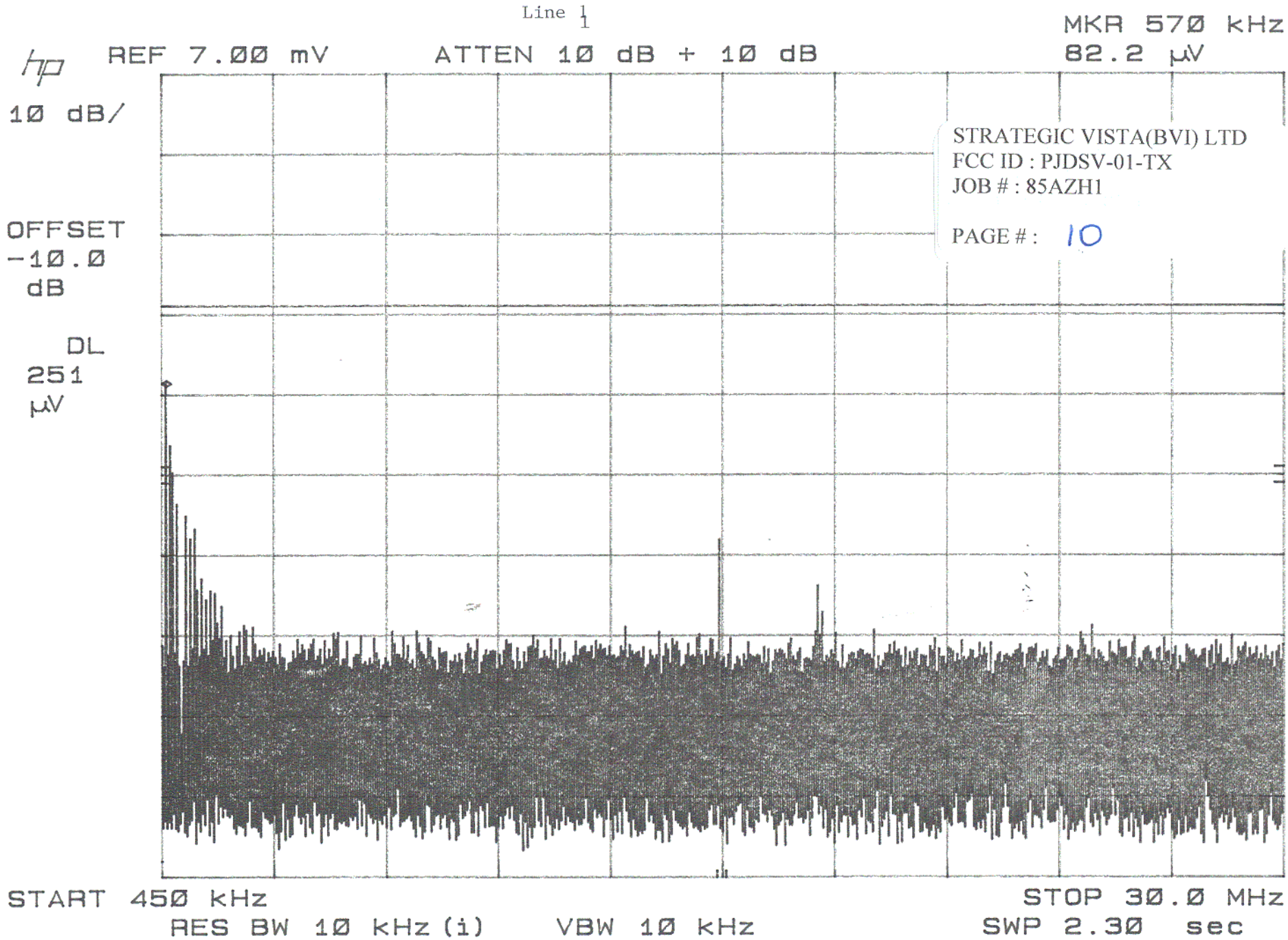
THE HIGHEST EMISSION READ FOR LINE 1 WAS 82.2 uV @ 570 kHz.

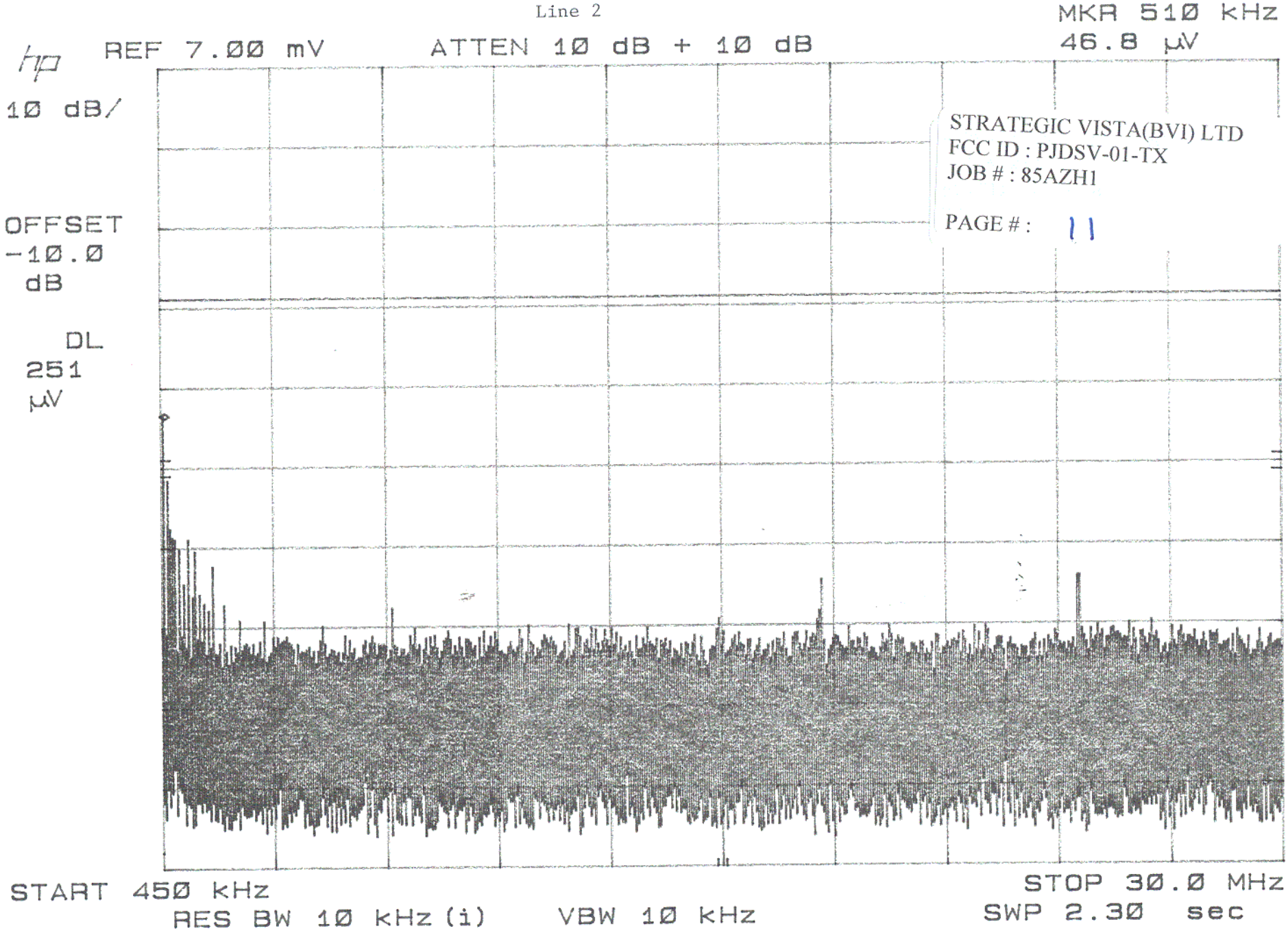
THE HIGHEST EMISSION READ FOR LINE 2 WAS 46.8 uV @ 510 kHz.

THE PLOTS ON THE FOLLOWING TWO PAGES REPRESENT THE EMISSIONS READ FOR POWERLINE CONDUCTED FOR THIS DEVICE.

TEST RESULTS: Both lines were observed. The measurements indicate that the unit DOES appear to meet the FCC requirements for this class of equipment.

PERFORMED BY: JOSEPH SCOGLIO _____DATE: MARCH 9, 2001


Line 1
MKR 570 kHz
82.2 µV
REF 7.00 mV
ATTEN 10 dB + 10 dB
10 dB/
STRATEGIC VISTA(BVI) LTD
FCC ID : PJDSV-01-TX
JOB # : 85AZH1
PAGE # : 10
OFFSET
-10.0
dB
DL
251
µV
START 450 kHz
STOP 30.0 MHz
RES BW 10 kHz (i)
VBW 10 kHz
SWP 2.30 sec


Line 2
MKR 510 kHz
46.8 µV
hp
REF 7.00 mV
ATTEN 10 dB + 10 dB
10 dB/
STRATEGIC VISTA(BVI) LTD
FCC ID : PJDSV-01-TX
JOB # : 85AZH1
PAGE # : 11
OFFSET
-10.0
dB
DL
251
µV
START 450 kHz
RES BW 10 kHz (i)
VBW 10 kHz
STOP 30.0 MHz
SWP 2.30 sec