

**Test Report:** 2004-080553-FCC-C

**Applicant:** Trapeze Networks

**Equipment Under Test:  
(EUT)** 802.11b/g/a Combo Access Point

**FCC ID:** QZE100

**In Accordance With:** **FCC Part 15.247, Subpart C  
Class II Permissive Change**

**Tested By:** Nemko San Diego Inc.

**Authorized By:** Chip Fleury

**Date:** 8/25/2004

**Total Number of Pages:** 23

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*EQUIPMENT: QZE100*

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**Section 1. Summary of Test Results**

**General**

**All measurements are traceable to national standards.**

These tests were conducted on a sample of the equipment for the purpose of demonstrating compliance with Part 15, Subpart C. Radiated tests were conducted in accordance with ANSI C63.4-1992. Radiated emissions are made on an open area test site. A description of the test facility is on file with the FCC.

THIS TEST REPORT RELATES ONLY TO THE ITEM(S) TESTED.

THE FOLLOWING DEVIATIONS FROM, ADDITIONS TO, OR EXCLUSIONS FROM THE TEST SPECIFICATIONS HAVE BEEN MADE.

See " Summary of Test Data".

TESTED BY: Alan Laudani \_\_\_\_\_

DATE: 8/4/2004-9/3/2004

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This report applies only to the items tested.

*EQUIPMENT: QZE100*

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**Summary Of Test Data**

<b>Name Of Test</b>	<b>Para. No.</b>	<b>Result</b>
Powerline Conducted Emissions	15.207(a)	N/A
6dB Bandwidth	15.247(a)(2)	N/A
Peak Output Power	15.247(b)(3)	N/A
Spurious Emissions (Antenna Conducted)	15.247(c)	N/A
Spurious Emissions (Radiated)	15.247(c)	Complies
Peak Power Spectral Density	15.247(d)	N/A

Note:

- (1) This application is for a class II permissive change to this device approved under FCC ID# QZE100.
- (2) The scope of changes are as follows:
  - (a) Addition of an integral Centurion puck 3dBi antenna.
  - (b) Addition of an external 3dBi omni antenna.
  - (c) Re-layout of the PCB.
- (3) The radio circuitry and RF characteristics are unchanged from the original certification, and as such only the relevant radiated data has been provided.
- (4) The RF exposure requirements comply as per the original certification.

**Test Conditions:**

**Outdoor**                      Temperature: 25°C  
   Humidity: 30%



*EQUIPMENT: QZE100*

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### **Section 3. Radiated Spurious Emissions**

**Para. No.: 15.247 (c)**

<b>Test Performed By: Glen Westwell</b>	<b>Date of Test: 12 Aug. 2004</b>
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**Limit:** **15.247(b)(1)**  
Radiated emissions that fall in the restricted bands must comply with 15.209

**Test Results:** Complies

**Measurement Data:** See attached Plots and table.

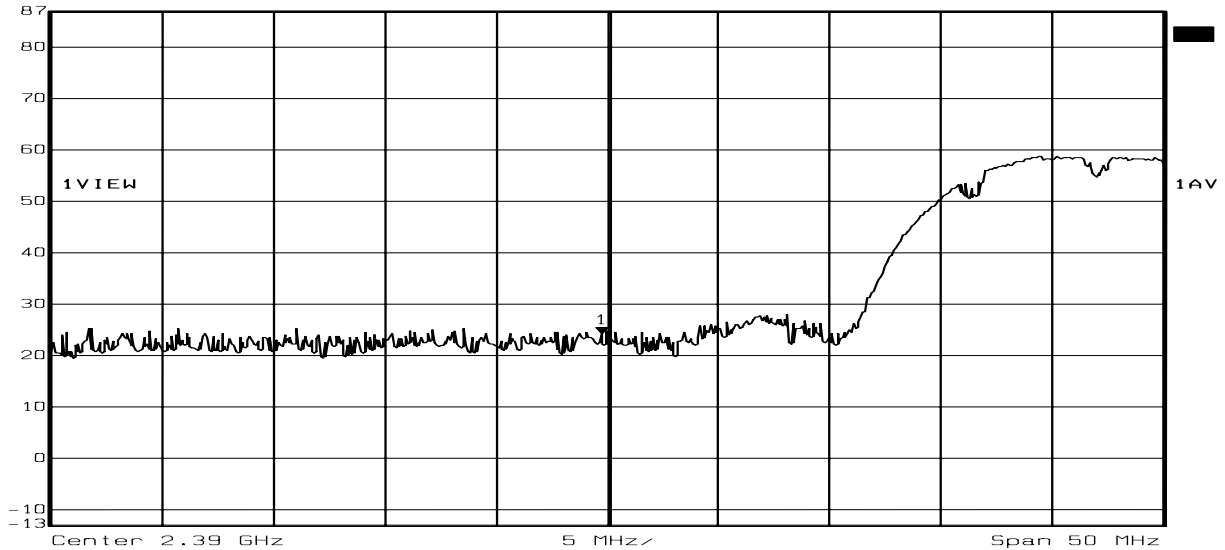
- Emissions were searched for all possible configurations. Worst case data has been presented.
- The DUT was searched to the 10<sup>th</sup> harmonic for both the 2.4GHz & 5GHz bands. Only those emissions within 20dB of the limit were reported.
- Radiated bandedge measurements in the restricted bands were verified using both the integral and external 3dBi gain antenna where applicable.

EQUIPMENT: QZE100

**Lower Band Edge, 802.11b, Integral 3dBi pucker antenna**

Band Edge Level (PK)	Af	Level	Limit
24.1dBuV	34.1dB	58.2dBuV	74dBuV

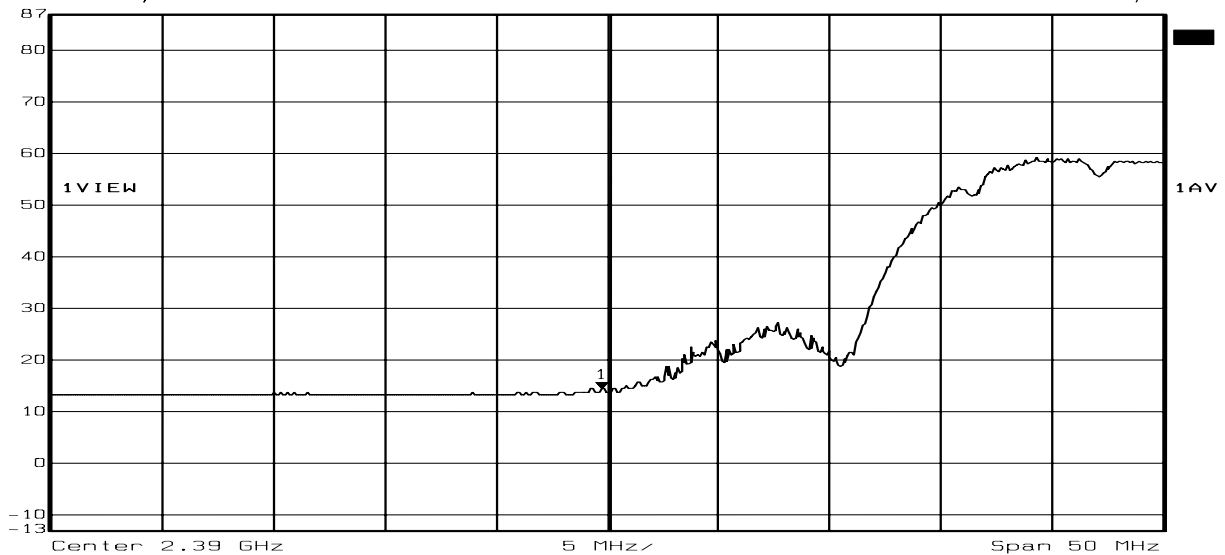
Ref Lvl 87 dB $\mu$ V  
 Marker 1 [T1] 24.10 dB $\mu$ V RBW 1 MHz RF Att 10 dB  
 2.38974950 GHz VBW 1 MHz  
 Unit dB $\mu$ V  
 5 ms



Date: 12.AUG.2004 11:48:24

Band Edge Level (Avg)	Af	Level	Limit
14.4dBuV	34.1dB	48.5dBuV	54dBuV

Ref Lvl 87 dB $\mu$ V  
 Marker 1 [T1] 14.36 dB $\mu$ V RBW 1 MHz RF Att 0 dB  
 2.38974950 GHz VBW 10 Hz  
 Unit dB $\mu$ V  
 12.5 s



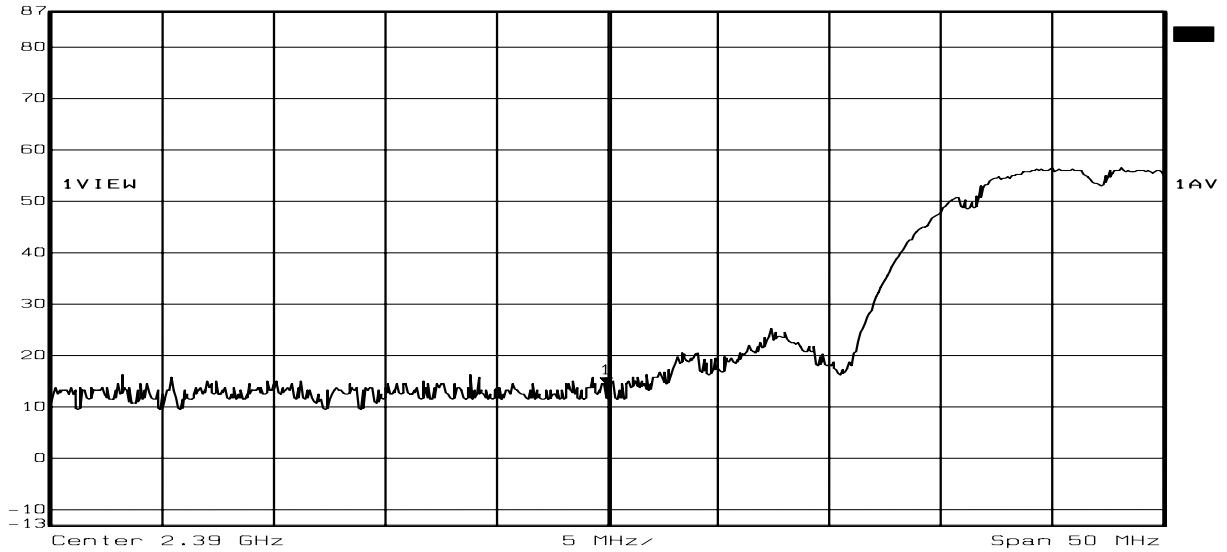
Date: 12.AUG.2004 11:57:00

EQUIPMENT: QZE100

Lower Band Edge, 802.11b, External 3dBi omni antenna

Band Edge Level (PK)	Af	Level	Limit
14.4dBuV	34.1dB	48.5dBuV	74dBuV

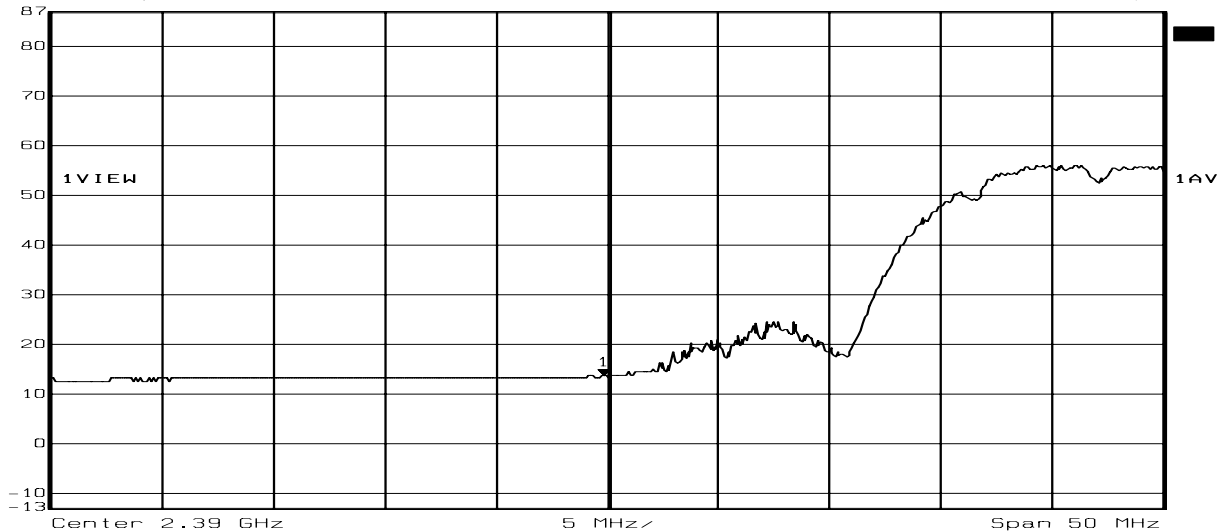
Ref Lvl 87 dBμV  
 Marker 1 [T1] 14.36 dBμV  
 2.38991461 GHz  
 RBW 1 MHz  
 VBW 1 MHz  
 SWT 5 ms  
 RF Att 0 dB  
 Unit dBμV



Date: 12.AUG.2004 13:20:56

Band Edge Level (Avg)	Af	Level	Limit
13.8dBuV	34.1dB	47.9dBuV	54dBuV

Ref Lvl 87 dBμV  
 Marker 1 [T1] 13.71 dBμV  
 2.38981441 GHz  
 RBW 1 MHz  
 VBW 10 Hz  
 SWT 12.5 s  
 RF Att 0 dB  
 Unit dBμV



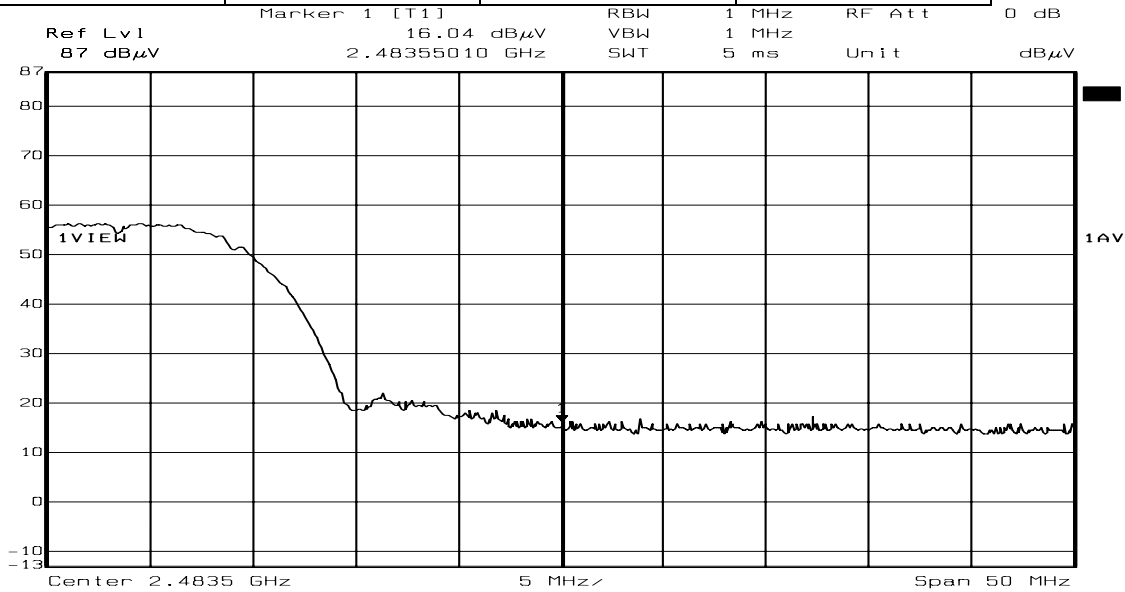
Date: 12.AUG.2004 13:19:40



EQUIPMENT: QZE100

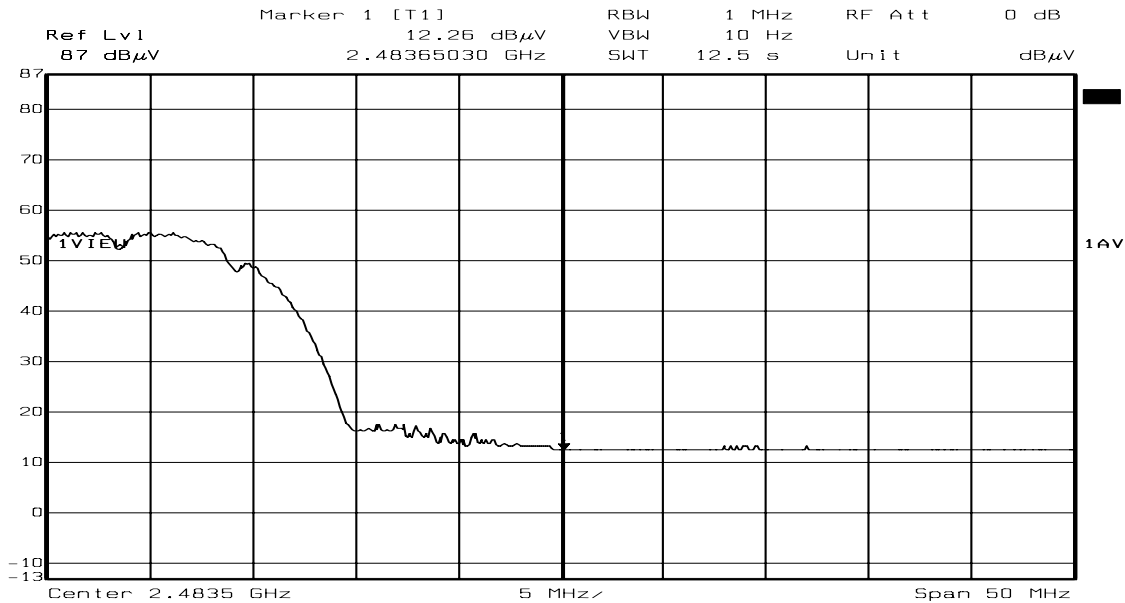
Upper Band Edge, 802.11b, Integral 3dBi puck antenna

Band Edge Level (PK)	Af	Level	Limit
16.4dBuV	34.1dB	50.5dBuV	74dBuV



Date: 12.AUG.2004 12:29:16

Band Edge Level (Avg)	Af	Level	Limit
12.3dBuV	34.1dB	46.4dBuV	54dBuV



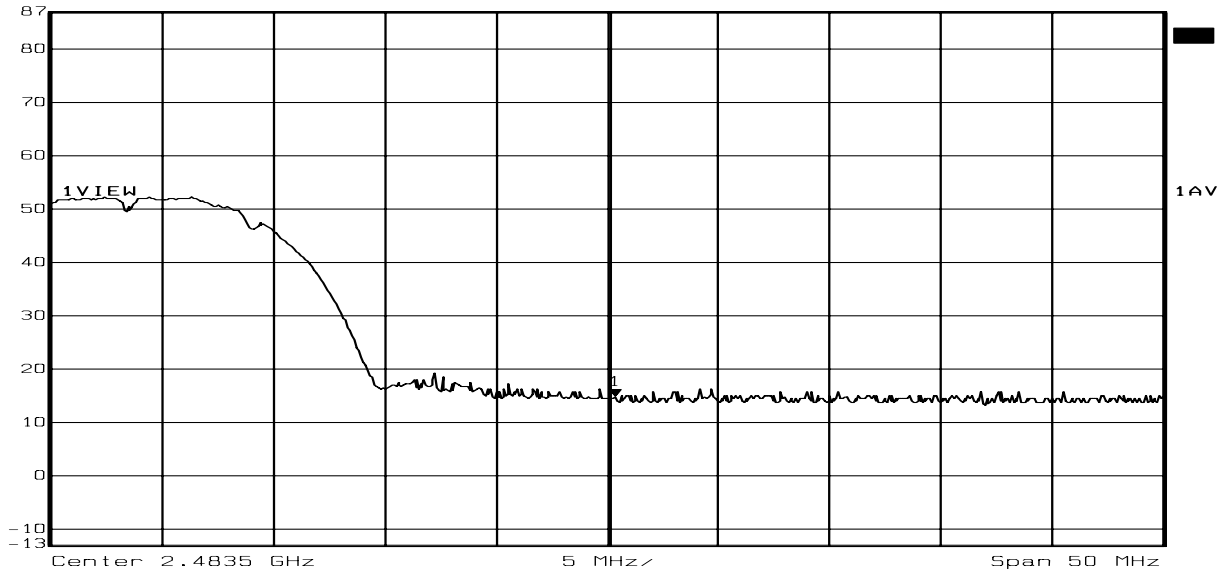
Date: 12.AUG.2004 12:31:26

EQUIPMENT: QZE100

Upper Band Edge, 802.11b, External 3dBi omni antenna

Band Edge Level (PK)	Af	Level	Limit
15.0dBuV	34.1dB	49.1dBuV	74dBuV

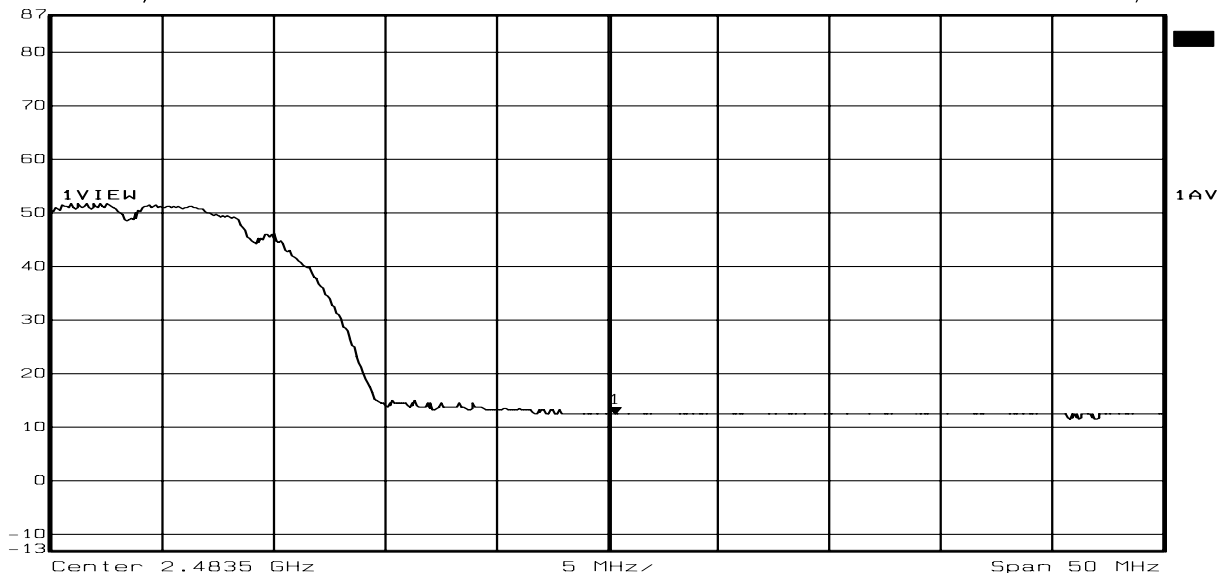
Ref Lvl 87 dB $\mu$ V  
 Marker 1 [T1] 2.48385070 GHz 14.96 dB $\mu$ V  
 RBW 1 MHz VBW 1 MHz RF Att 0 dB  
 SWT 5 ms Unit dB $\mu$ V



Date: 12.AUG.2004 13:10:34

Band Edge Level (Avg)	Af	Level	Limit
12.3dBuV	34.1dB	46.4dBuV	54dBuV

Ref Lvl 87 dB $\mu$ V  
 Marker 1 [T1] 2.48385070 GHz 12.26 dB $\mu$ V  
 RBW 1 MHz VBW 10 Hz RF Att 0 dB  
 SWT 12.5 s Unit dB $\mu$ V

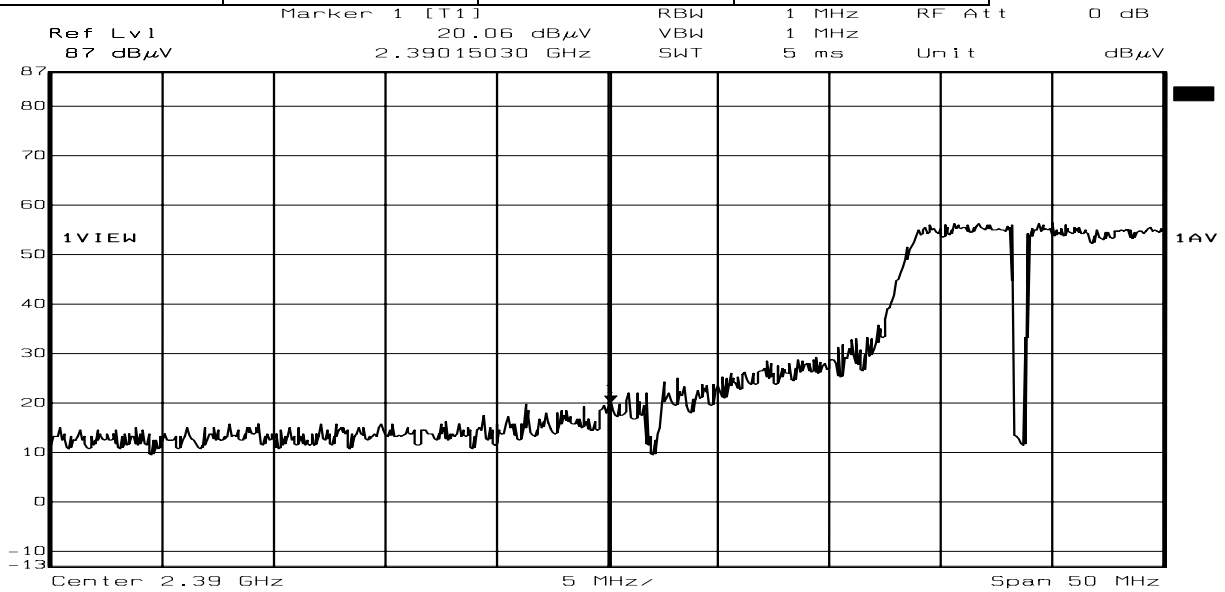


Date: 12.AUG.2004 13:12:31

EQUIPMENT: QZE100

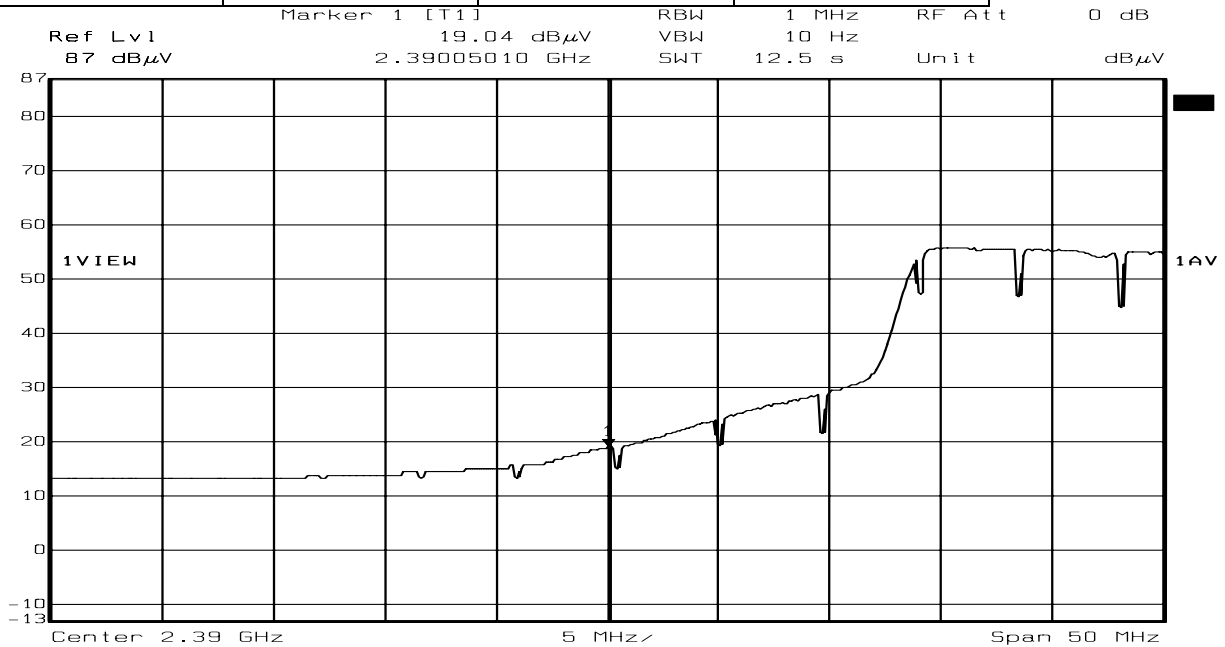
**Lower Band Edge, 802.11g, Integral 3dBi puck antenna**

Band Edge Level (PK)	Af	Level	Limit
20.5dBuV	34.1dB	54.6dBuV	74dBuV



Date: 12.AUG.2004 14:22:02

Band Edge Level (Avg)	Af	Level	Limit
19.0dBuV	34.1dB	53.1dBuV	54dBuV



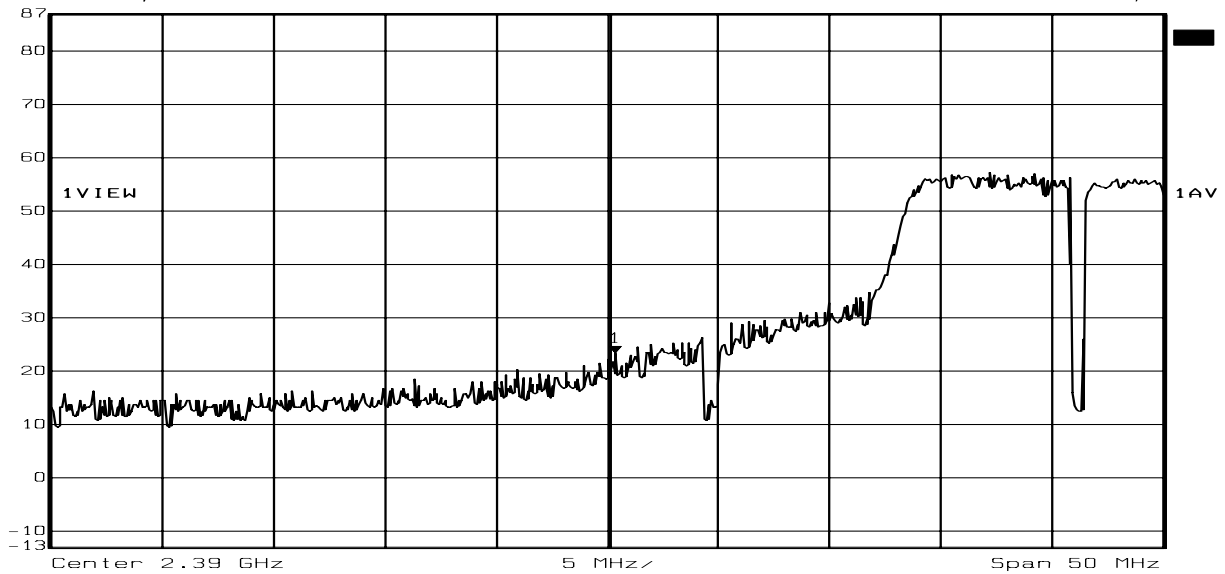
Date: 12.AUG.2004 14:23:22

EQUIPMENT: QZE100

Lower Band Edge, 802.11g, External 3dBi omni antenna

Band Edge Level (PK)	Af	Level	Limit
23.5dBuV	34.1dB	57.6dBuV	74dBuV

Ref Lvl 87 dB $\mu$ V  
 Marker 1 [T1] 23.48 dB $\mu$ V  
 2.39031541 GHz  
 RBW 1 MHz  
 VBW 1 MHz  
 SWT 5 ms  
 RF Att 0 dB  
 Unit dB $\mu$ V

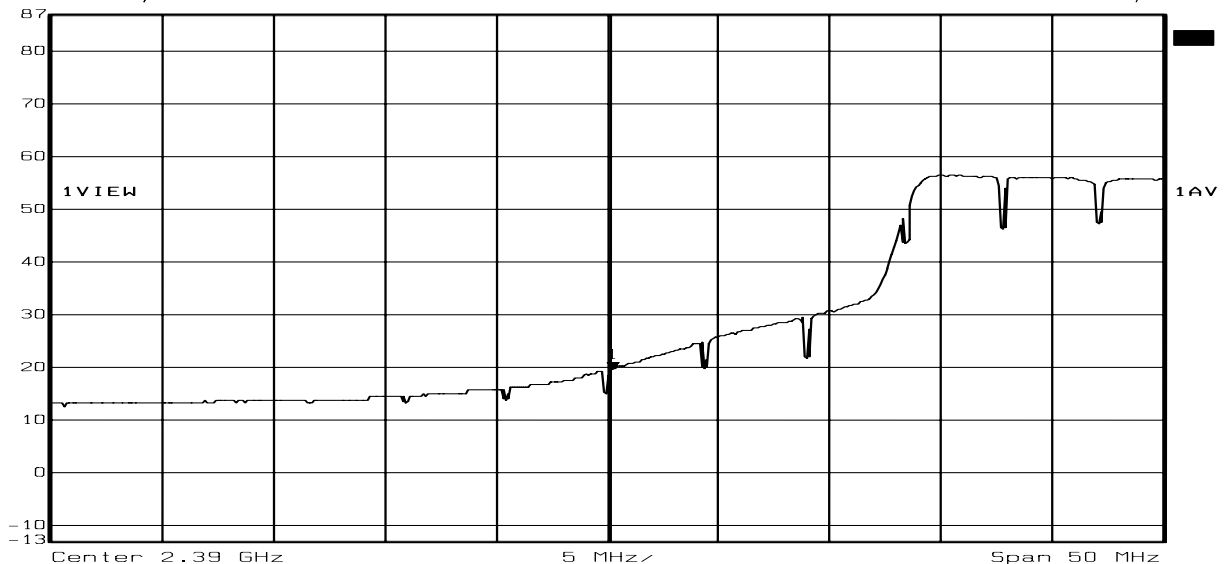


Center 2.39 GHz 5 MHz Span 50 MHz

Date: 12.AUG.2004 13:42:29

Band Edge Level (Avg)	Af	Level	Limit
19.8dBuV	34.1dB	53.9dBuV	54dBuV

Ref Lvl 87 dB $\mu$ V  
 Marker 1 [T1] 19.73 dB $\mu$ V  
 2.39021521 GHz  
 RBW 1 MHz  
 VBW 10 Hz  
 SWT 12.5 s  
 RF Att 0 dB  
 Unit dB $\mu$ V



Center 2.39 GHz 5 MHz Span 50 MHz

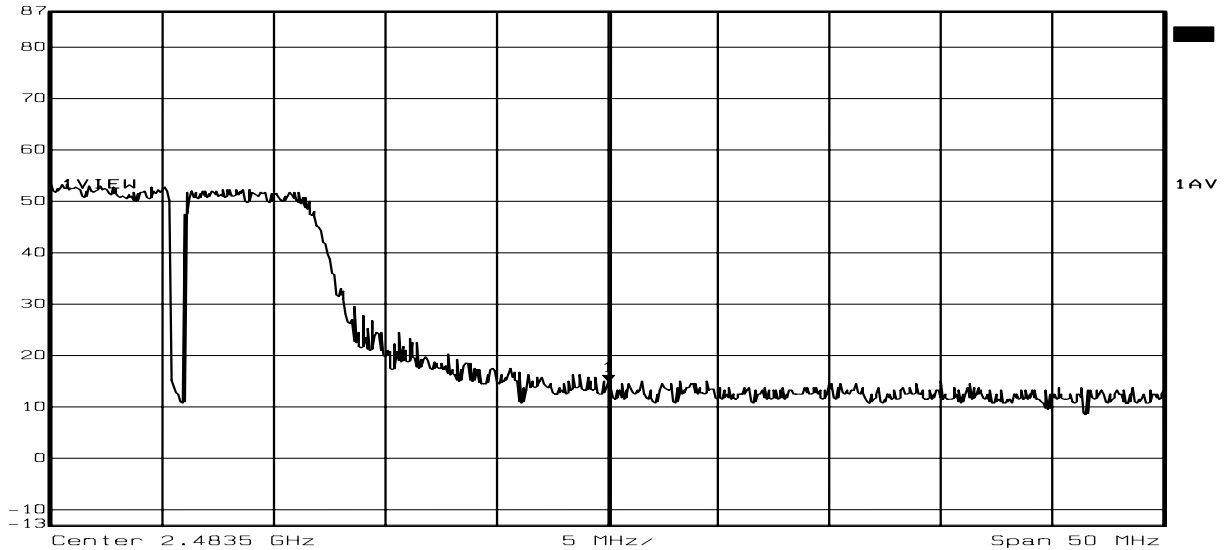
Date: 12.AUG.2004 13:44:52

EQUIPMENT: QZE100

**Upper Band Edge, 802.11g, Integral 3dBi puck antenna**

Band Edge Level (PK)	Af	Level	Limit
15.0dBuV	34.1dB	49.1dBuV	74dBuV

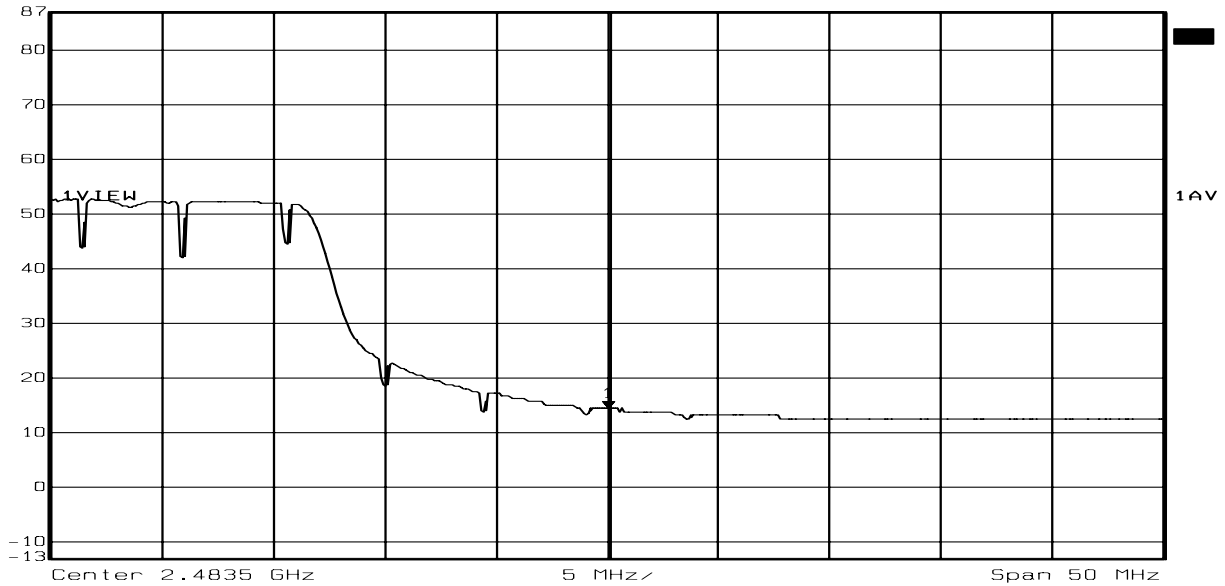
Ref Lvl 87 dB $\mu$ V  
 Marker 1 [T1] 14.96 dB $\mu$ V  
 2.48355010 GHz  
 RBW 1 MHz  
 VBW 1 MHz  
 SWT 5 ms  
 RF Att 0 dB  
 Unit dB $\mu$ V



Date: 12.AUG.2004 14:04:43

Band Edge Level (Avg)	Af	Level	Limit
14.4dBuV	34.1dB	48.5dBuV	54dBuV

Ref Lvl 87 dB $\mu$ V  
 Marker 1 [T1] 14.36 dB $\mu$ V  
 2.48355010 GHz  
 RBW 1 MHz  
 VBW 10 Hz  
 SWT 12.5 s  
 RF Att 0 dB  
 Unit dB $\mu$ V



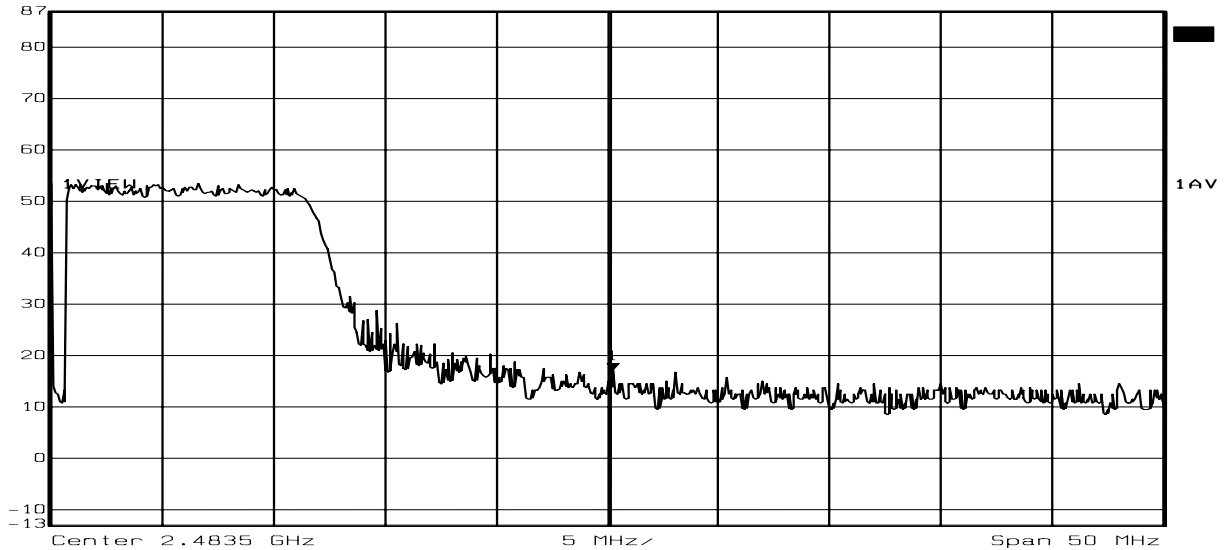
Date: 12.AUG.2004 14:07:03

EQUIPMENT: QZE100

Upper Band Edge, 802.11g, External 3dBi omni antenna

Band Edge Level (PK)	Af	Level	Limit
17.0dBuV	34.1dB	51.1dBuV	74dBuV

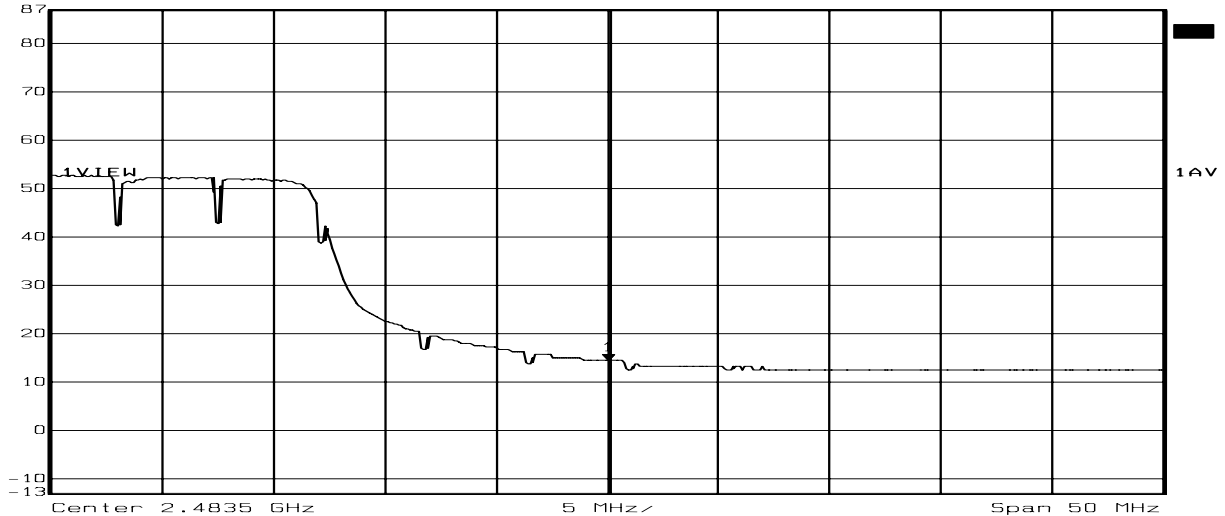
Ref Lvl 87 dB $\mu$ V  
 Marker 1 [T1] 17.01 dB $\mu$ V  
 2.48375050 GHz  
 RBW 1 MHz  
 VBW 1 MHz  
 SWT 5 ms  
 RF Att 0 dB  
 Unit dB $\mu$ V



Date: 12.AUG.2004 13:50:37

Band Edge Level (Avg)	Af	Level	Limit
14.6dBuV	34.1dB	48.7dBuV	54dBuV

Ref Lvl 87 dB $\mu$ V  
 Marker 1 [T1] 14.36 dB $\mu$ V  
 2.48355010 GHz  
 RBW 1 MHz  
 VBW 10 Hz  
 SWT 12.5 s  
 RF Att 0 dB  
 Unit dB $\mu$ V



Date: 12.AUG.2004 13:52:26

EQUIPMENT: QZE100



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Radiated Emissions Data

Complete Yes Job # : 24-446-TRA Test # : 1  
Preliminary \_\_\_\_\_ Page 1 of 1

Client Name : Trapeze Networks  
EUT Name : Mobility Point  
EUT Model # : 100  
EUT Part # : \_\_\_\_\_  
EUT Serial # : \_\_\_\_\_  
EUT Config. : Cushcraft 3 dBi Antenna -- Power level 17

Note: EUT was scanned for emissions from the Fundamental up to the 10th Harmonic.  
Specification : FCC part 15.209, FCC 15.205 Reference : \_\_\_\_\_  
Rod. Ant. # : NA Temp. (deg. C) : 24 Date : 8/24/2004  
Bicon Ant.#: NA Humidity (%) : 56 Time : \_\_\_\_\_  
Log Ant.#: NA EUT Voltage : NA Staff : A. Laudani  
DRG Ant. # 529 EUT Frequency : NA Photo ID: \_\_\_\_\_  
Dipole Ant.#: NA Phase: NA Peak Bandwidth: RBW-1MHz, VBW-1MHz  
Cable#: 40ft Location: \_\_\_\_\_ AV Bandwidth RBW-1MHz, VBW-10Hz  
Preamp#: 40db Distance: 3m  
Spec An.#: NA  
QP #: NA  
PreSelect#: NA

Meas. Freq. (MHz)	Vertical (dBuV)		Horizontal (dBuV)		CF (db)	Max Level (dBuV/m)		Spec. Limit (dBuV/m)		Margin dB		EUT Rotation	Ant. Height	Pass Fail Unc.	Comment
	pk	av	pk	av		pk	av	pk	av	pk	av				
4824	54.2	37.5	53	37.3	-1.2	53	36.3	74.0	54.0	-21.0	-17.7	90.0	1.8	Pass	channel 1
7236	41.0	38.7	42.5	38.2	5.8	48.3	44.5	74.0	54.0	-25.7	-9.5			Pass	NF
9648	39.1	35.5	39.6	35.6	8.54	48.14	44.14	74.0	54.0	-25.9	-9.9			Pass	NF
12060	30.1	26.9	30.4	27.1	15.6	46	42.7	74.0	54.0	-28.0	-11.3			Pass	NF
14472	26.0	24.4	30.3	24.5	23.5	53.8	47.4	74.0	54.0	-20.2	-6.0			Pass	NF RBW 100kHz
16884	29.3	21.2	27.1	21.2	22.8	52.1	44	74.0	54.0	-21.9	-10.0			Pass	NF RBW 100kHz
4874	57.3	40.6	55.9	40.1	-1.2	56.1	39.4	74.0	54.0	-17.9	-14.6	90.0	1.8	Pass	channel 6
7311	41.0	38.7	42.5	38.2	5.8	48.3	44.5	74.0	54.0	-25.7	-9.5			Pass	NF
9748	49.0	35.5	39.6	35.6	8.54	57.54	44.14	74.0	54.0	-16.5	-9.9	90.0	1.8	Pass	
12185	30.1	26.9	30.4	27.1	15.6	46	42.7	74.0	54.0	-28.0	-11.3			Pass	NF
14622	26.0	24.4	30.3	24.5	22.9	53.2	47.4	74.0	54.0	-20.8	-6.6			Pass	NF RBW 100kHz
17059	29.3	21.2	27.1	21.2	27.7	57	48.9	74.0	54.0	-17.0	-5.1			Pass	NF RBW 100kHz
4924	57.0	40.8	54.0	40.0	-1.2	55.8	39.6	74.0	54.0	-18.2	-14.4	90.0	1.0	Pass	ch. 11, power level 16
7386	41.0	38.7	42.5	38.2	5.8	48.3	44.5	74.0	54.0	-25.7	-9.5			Pass	NF
9848	39.1	35.5	39.6	35.6	8.54	48.14	44.14	74.0	54.0	-25.9	-9.9			Pass	NF
12310	30.1	26.9	30.4	27.1	15.6	46	42.7	74.0	54.0	-28.0	-11.3			Pass	NF
14772	26.0	24.4	30.3	24.5	22.9	53.2	47.4	74.0	54.0	-20.8	-6.6			Pass	NF RBW 100kHz
17234	29.3	21.2	27.1	21.2	27.7	57	48.9	74.0	54.0	-17.0	-5.1			Pass	NF RBW 100kHz

EQUIPMENT: QZE100



NEMKO USA, Inc.

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Fax: (858) 452-1810

Radiated Emissions Data

Complete Yes Job # : 24-446-TRA Test # : 2  
Preliminary \_\_\_\_\_ Page 1 of 1

Client Name : Trapeze Networks  
EUT Name : Mobility Point  
EUT Model # : 100  
EUT Part # : \_\_\_\_\_  
EUT Serial # : \_\_\_\_\_  
EUT Config. : Centurian internal Antenna -- Power level 17

Note: EUT was scanned for emissions from the Fundamental up to the 10th Harmonic.  
Mode B

Specification : FCC part 15.209, 15.205 Reference : \_\_\_\_\_  
Rod. Ant. # : NA Temp. (deg. C) : 24 Date : 8/24/2004  
Bicon Ant.#: NA Humidity (%) : 56 Time : \_\_\_\_\_  
Log Ant.#: NA EUT Voltage : NA Staff : A. Laudani  
DRG Ant. # 529 EUT Frequency : NA Photo ID: \_\_\_\_\_  
Dipole Ant.#: NA Phase: NA Peak Bandwidth: RBW-1MHz, VBW-1MHz  
Cable#: 40ft Location: \_\_\_\_\_ AV Bandwidth RBW-1MHz, VBW-10Hz  
Preamp#: 40db Distance: 3m  
Spec An.#: NA  
QP #: NA  
PreSelect#: NA

Meas. Freq. (MHz)	Vertical (dBuV)		Horizontal (dBuV)		CF (db)	Max Level (dBuV/m)		Spec. Limit (dBuV/m)		Margin dB		EUT Rotation	Ant. Height	Pass Fail Unc.	Comment
	pk	av	pk	av		pk	av	pk	av	pk	av				
4824	55.7	50.0	52.3	42.4	-1.2	54.5	48.8	74.0	54.0	-19.5	-5.2	90.0	1.0	Pass	channel 1
7236	41.0	38.7	42.5	38.2	5.8	48.3	44.5	74.0	54.0	-25.7	-9.5			Pass	NF
9648	39.1	35.5	39.6	35.6	8.54	48.14	44.14	74.0	54.0	-25.9	-9.9			Pass	NF
12060	30.1	26.9	30.4	27.1	15.6	46	42.7	74.0	54.0	-28.0	-11.3			Pass	NF
14472	26.0	24.4	30.3	24.5	23.5	53.8	48	74.0	54.0	-20.2	-6.0			Pass	NF RBW 100kHz
16884	29.3	21.2	27.1	21.2	22.8	52.1	44	74.0	54.0	-21.9	-10.0			Pass	NF RBW 100kHz
4874	54	38	52	37	-1.2	52.8	36.8	74.0	54.0	-21.2	-17.2	90.0	1.0	Pass	channel 6
7311	41.0	38.7	42.5	38.2	5.8	48.3	44.5	74.0	54.0	-25.7	-9.5			Pass	NF
9748	39.1	35.5	39.6	35.6	8.54	48.14	44.14	74.0	54.0	-25.9	-9.9			Pass	NF
12185	30.1	26.9	30.4	27.1	15.6	46	42.7	74.0	54.0	-28.0	-11.3			Pass	NF
14622	26.0	24.4	30.3	24.5	22.9	53.2	47.4	74.0	54.0	-20.8	-6.6			Pass	NF RBW 100kHz
17059	29.3	21.2	27.1	21.2	27.7	57	48.9	74.0	54.0	-17.0	-5.1			Pass	NF RBW 100kHz
4924	53.1	45.3	51.8	40.0	-1.2	51.9	44.1	74.0	54.0	-22.1	-9.9	90.0	1.0	Pass	ch. 11, power level 16
7386	41.0	38.7	42.5	38.2	5.8	48.3	44.5	74.0	54.0	-25.7	-9.5			Pass	NF
9848	39.1	35.5	39.6	35.6	8.54	48.14	44.14	74.0	54.0	-25.9	-9.9			Pass	NF
12310	30.1	26.9	30.4	27.1	15.6	46	42.7	74.0	54.0	-28.0	-11.3			Pass	NF
14772	26.0	24.4	30.3	24.5	22.9	53.2	47.4	74.0	54.0	-20.8	-6.6			Pass	NF RBW 100kHz
17234	29.3	21.2	27.1	21.2	27.7	57	48.9	74.0	54.0	-17.0	-5.1			Pass	NF RBW 100kHz



EQUIPMENT: QZE100



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Radiated Emissions Data

Complete Yes Job # : 24-446-TRA Test # : 3  
Preliminary \_\_\_\_\_ Page 1 of 1

Client Name : Trapeze Networks  
EUT Name : Mobility Point  
EUT Model # : 100  
EUT Part # : \_\_\_\_\_  
EUT Serial # : \_\_\_\_\_  
EUT Config. : Centurian internal Antenna -- Power level 15  
EUT Config. : Mode G

Note: EUT was scanned for emissions from the Fundamental up to the 10th Harmonic.  
Specification : FCC part 15.209, 15.205 Reference : \_\_\_\_\_  
Rod. Ant. # : NA Temp. (deg. C) : 24 Date : 8/24/2004  
Bicon Ant.#: NA Humidity (%) : 56 Time : \_\_\_\_\_  
Log Ant.#: NA EUT Voltage : NA Staff : A. Laudani  
DRG Ant. # 529 EUT Frequency : NA Photo ID: \_\_\_\_\_  
Dipole Ant.#: NA Phase: NA Peak Bandwidth: RBW-1MHz, VBW-1MHz  
Cable#: 40ft Location: SOATS AV Bandwidth RBW-1MHz, VBW-10Hz  
Preamp#: 40db Distance: 3m  
Spec An.#: NA  
QP #: NA  
PreSelect#: NA

Meas. Freq. (MHz)	Vertical (dBuV)		Horizontal (dBuV)		CF (db)	Max Level (dBuV/m)		Spec. Limit (dBuV/m)		Margin dB		EUT Rotation	Ant. Height	Pass Fail Unc.	Comment
	pk	av	pk	av		pk	av	pk	av	pk	av				
4824	53.2	37.6	51.5	36.8	-1.2	52	36.4	74.0	54.0	-22.0	-17.6	90.0	1.4	Pass	channel 1
7236	41.0	38.7	42.5	38.2	5.8	48.3	44.5	74.0	54.0	-25.7	-9.5			Pass	NF
9648	39.1	35.5	39.6	35.6	8.54	48.14	44.14	74.0	54.0	-25.9	-9.9			Pass	NF
12060	30.1	26.9	30.4	27.1	15.6	46	42.7	74.0	54.0	-28.0	-11.3			Pass	NF RBW 100kHz
14472	26.0	24.4	30.3	24.5	23.5	53.8	48	74.0	54.0	-20.2	-6.0			Pass	NF RBW 100kHz
16884	29.3	21.2	27.1	21.2	22.8	52.1	44	74.0	54.0	-21.9	-10.0			Pass	NF RBW 100kHz
4874	54	38.3	52.4	37.2	-1.2	52.8	37.1	74.0	54.0	-21.2	-16.9	90.0	1.4	Pass	channel 6
7311	41.0	38.7	42.5	38.2	5.8	48.3	44.5	74.0	54.0	-25.7	-9.5			Pass	NF
9748	39.1	35.5	39.6	35.6	8.54	48.14	44.14	74.0	54.0	-25.9	-9.9			Pass	NF
12185	30.1	26.9	30.4	27.1	15.6	46	42.7	74.0	54.0	-28.0	-11.3			Pass	NF RBW 100kHz
14622	26.0	24.4	30.3	24.5	22.9	53.2	47.4	74.0	54.0	-20.8	-6.6			Pass	NF RBW 100kHz
17059	29.3	21.2	27.1	21.2	27.7	57	48.9	74.0	54.0	-17.0	-5.1			Pass	NF RBW 100kHz
4924	52.1	36.9	51.5	36.8	-1.2	50.9	35.7	74.0	54.0	-23.1	-18.3	90.0	1.0	Pass	ch. 11, power level 14
7386	41.0	38.7	42.5	38.2	5.8	48.3	44.5	74.0	54.0	-25.7	-9.5			Pass	NF
9848	39.1	35.5	39.6	35.6	8.54	48.14	44.14	74.0	54.0	-25.9	-9.9			Pass	NF
12310	30.1	26.9	30.4	27.1	15.6	46	42.7	74.0	54.0	-28.0	-11.3			Pass	NF RBW 100kHz
14772	26.0	24.4	30.3	24.5	22.9	53.2	47.4	74.0	54.0	-20.8	-6.6			Pass	NF RBW 100kHz
17234	29.3	21.2	27.1	21.2	27.7	57	48.9	74.0	54.0	-17.0	-5.1			Pass	NF RBW 100kHz



*EQUIPMENT: QZE100*

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## Radiated Emissions set up photos

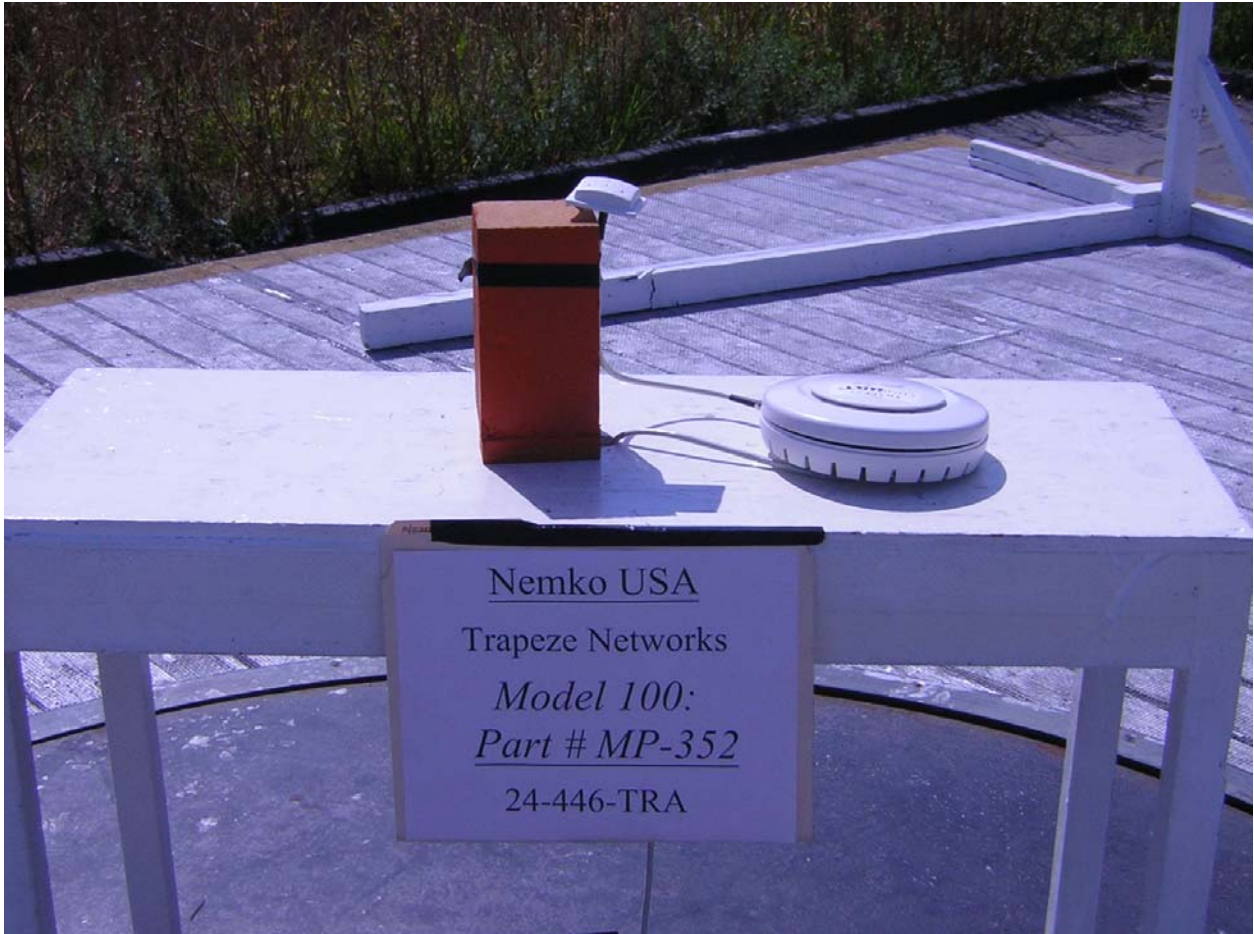
### 1. Integral 3dBi Puck Antenna



*EQUIPMENT: QZE100*

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**2. External 3dBi Omni Antenna.**

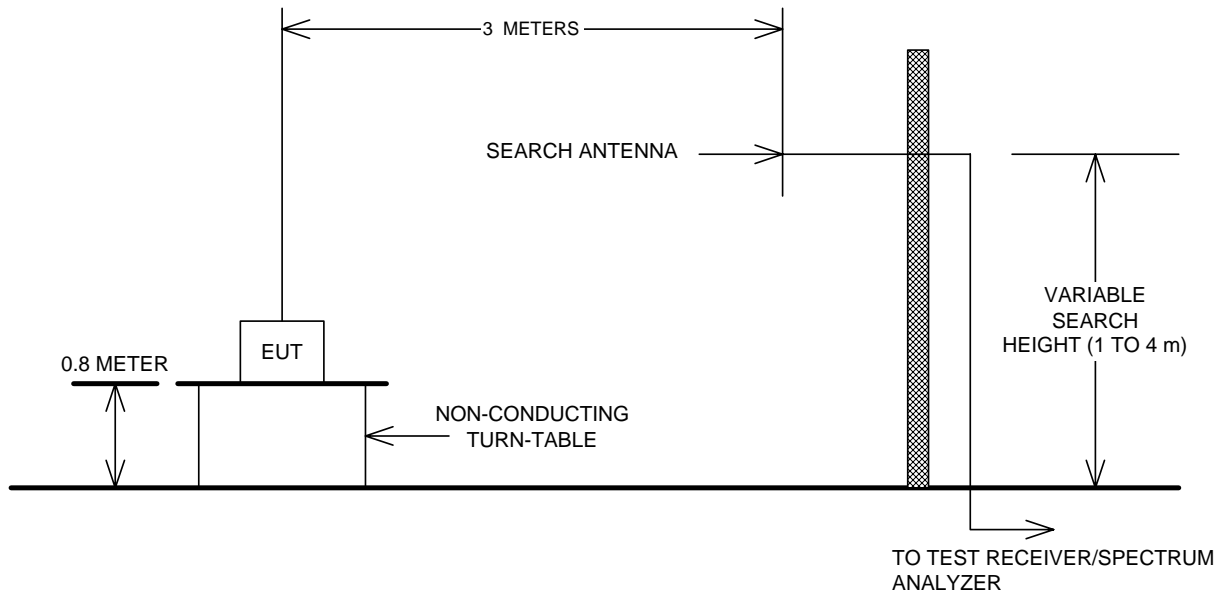


EQUIPMENT: QZE100

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### Section 4. Block Diagrams

#### Test Site For Radiated Emissions



EQUIPMENT: QZE100

**Section 5. Test Equipment List**

<b>Radiated Emissions Test Equipment</b>						
Client	<b>Error! Cannot open file.</b>		EUT Name	<b>Error! Cannot open file.</b>		
PAN #	<b>Error! Reference source not found.</b>		EUT Model	<b>Error! Cannot open file.</b>		
<i>Device Type</i>		<i>Model #</i>	<i>MFG</i>	<i>Asset #</i>	<i>SN</i>	<i>Cal Due</i>
<b>OATS #1 (North)</b>						
Spectrum Analyzer		1088.3494.30	R & S	835	830320/002	12/11/04
Antenna, Ridged Guide		3115	EMCO	529	2505	3/30/04
Antenna, Ridged Guide		3116	EMCO	625	9611-2325	1-12-05
Preamplifier		40 dB	Miteq	171	NA	NCR
4 GHz High Pass Filter		9SH10-4000	K&L	NA	55	NCR

NA: Not Applicable  
NCR: No Cal Required  
COU: CAL On Use