

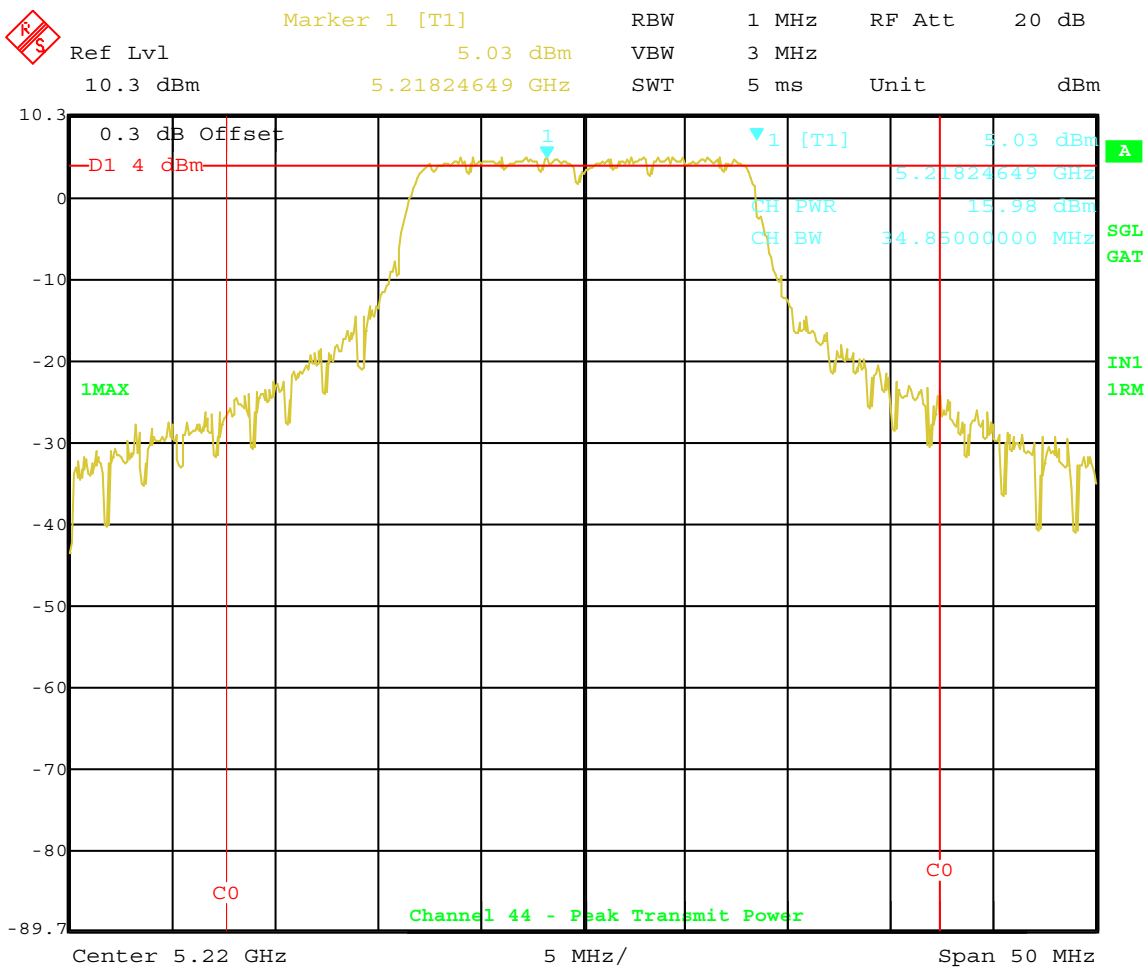
PEAK OUTPUT POWER

DATA SHEETS

PEAK POWER OUTPUT**STRIX SYSTEMS, INC.****802.11 a/b/g WIRELESS ACCESS POINT****MODEL: ACCESS / ONE NETWORK**

CHANNEL	FREQUENCY (MHz)	Peak Power (dBm)	Limit (dBm)	Margin (dB)
36 (Normal)	5180	14.41	17	-2.59
44 (Normal)	5220	15.98	17	-1.02
48 (Normal)	5240	13.36	17	-3.64
52 (Normal)	5260	17.31	24	-6.69
60 (Normal)	5300	16.63	24	-7.37
64 (Normal)	5320	13.79	24	-10.21
42 (Turbo)	5210	14.26	17	-2.74
50 (Turbo)	5250	15.69	17	-1.31
58 (Turbo)	5290	13.95	24	-10.05

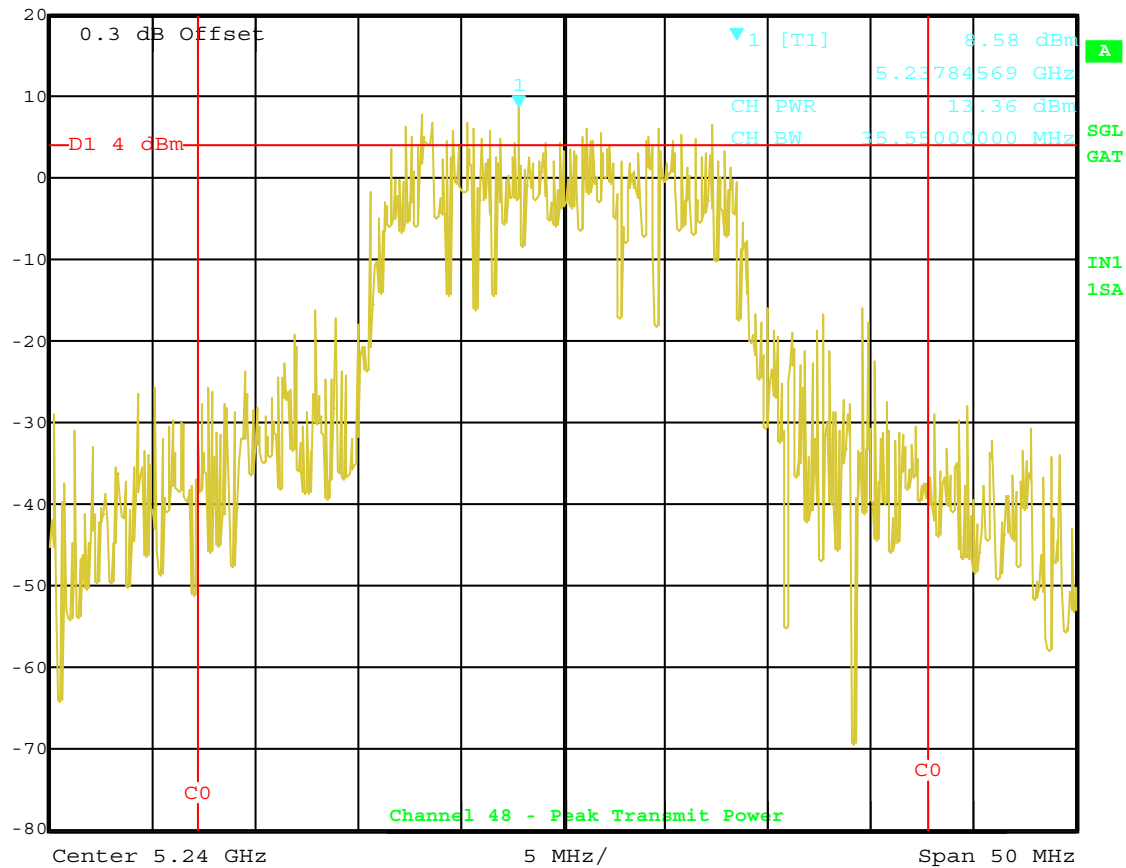




Date: 15.AUG.2003 22:23:37



Marker 1 [T1] RBW 1 MHz RF Att 30 dB
Ref Lvl 8.58 dBm VBW 3 MHz
20 dBm 5.23784569 GHz SWT 5 ms Unit dBm



Date: 15.AUG.2003 22:36:11



Marker 1 [T1]

RBW 1 MHz RF Att 30 dB

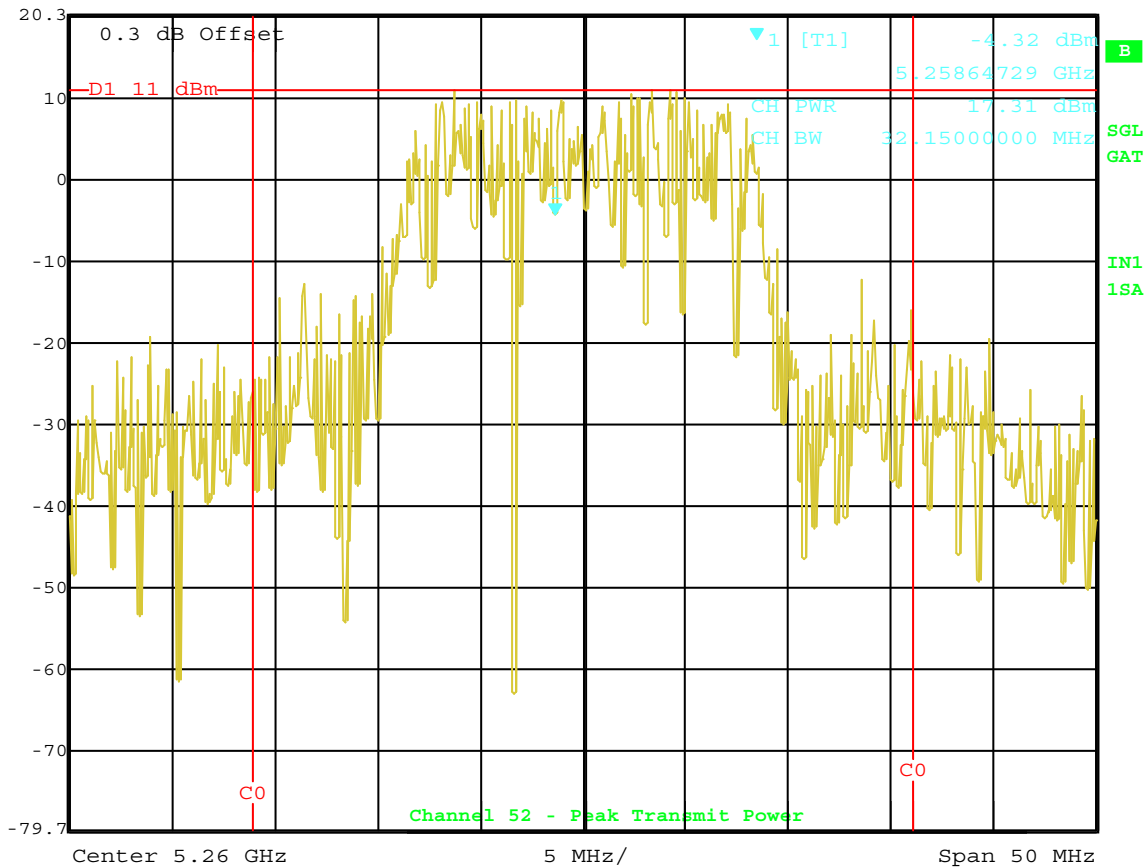
Ref Lvl -4.32 dBm

VBW 10 MHz

20.3 dBm 5.25864729 GHz

SWT 5 ms Unit

dBm



Date: 14.AUG.2003 22:04:34



Marker 1 [T1]

RBW 1 MHz RF Att 30 dB

Ref Lvl -39.53 dBm

VBW 10 MHz

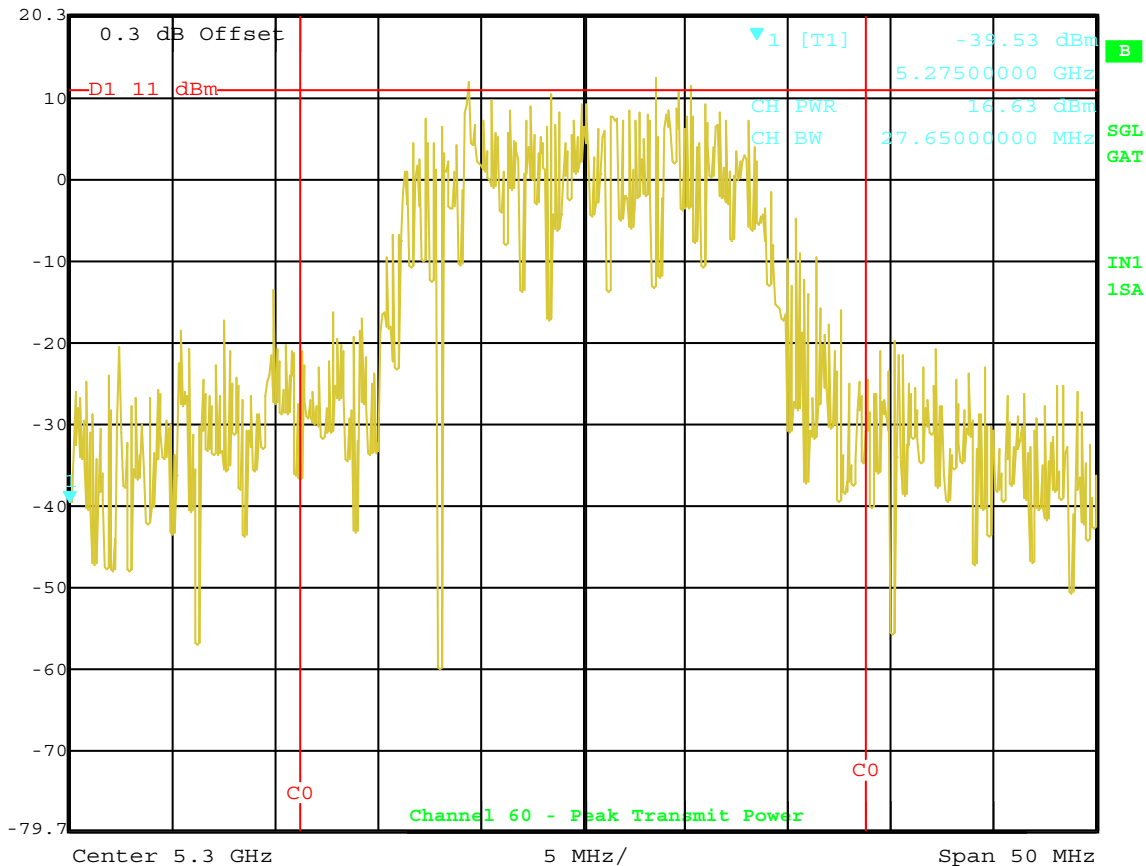
20.3 dBm

5.27500000 GHz

SWT 5 ms

Unit

dBm



Date: 14.AUG.2003 22:08:06



Marker 1 [T1]

RBW 1 MHz RF Att 30 dB

Ref Lvl -1.16 dBm

VBW 10 MHz

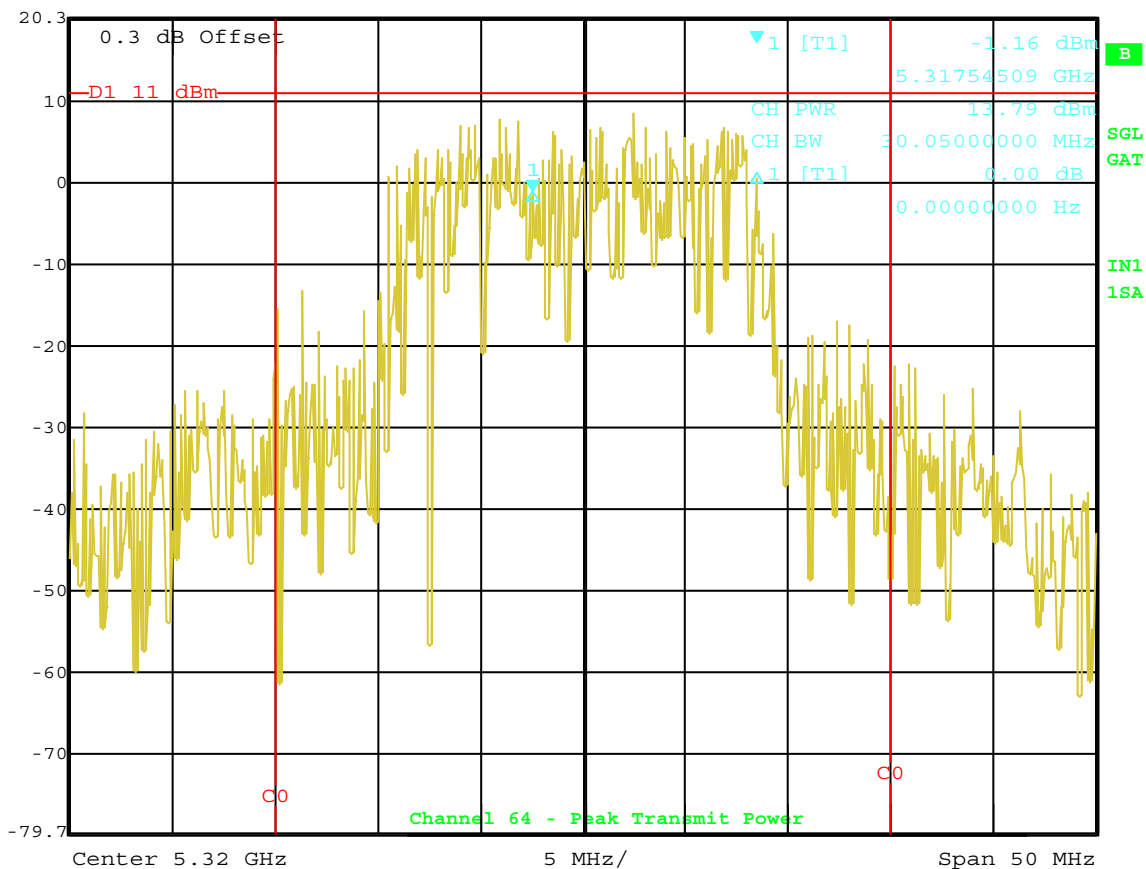
20.3 dBm

5.31754509 GHz

SWT 5 ms

Unit

dBm



Date: 14.AUG.2003 22:21:28



Marker 1 [T1]

RBW 1 MHz RF Att 30 dB

Ref Lvl 0.09 dBm

VBW 10 MHz

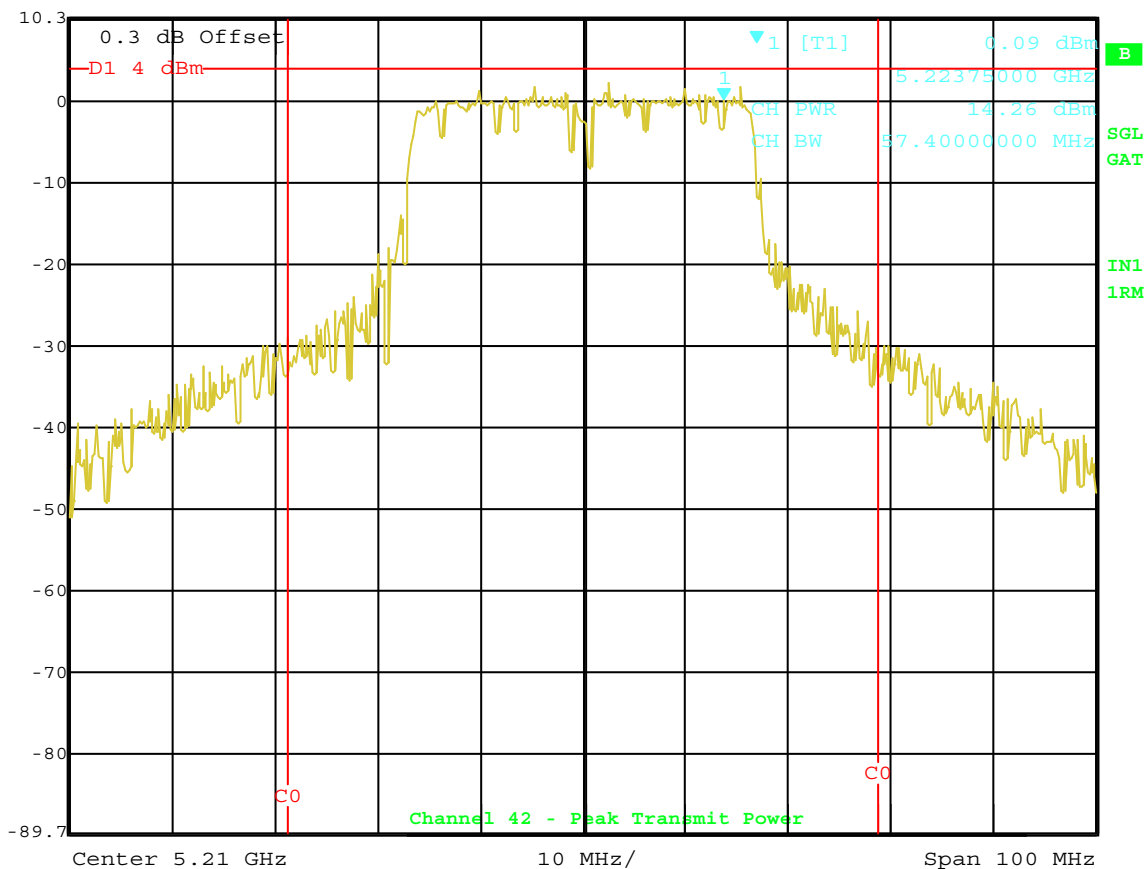
10.3 dBm

5.22375000 GHz

SWT 5 ms

Unit

dBm



Date: 14.AUG.2003 23:12:53



Marker 1 [T1]

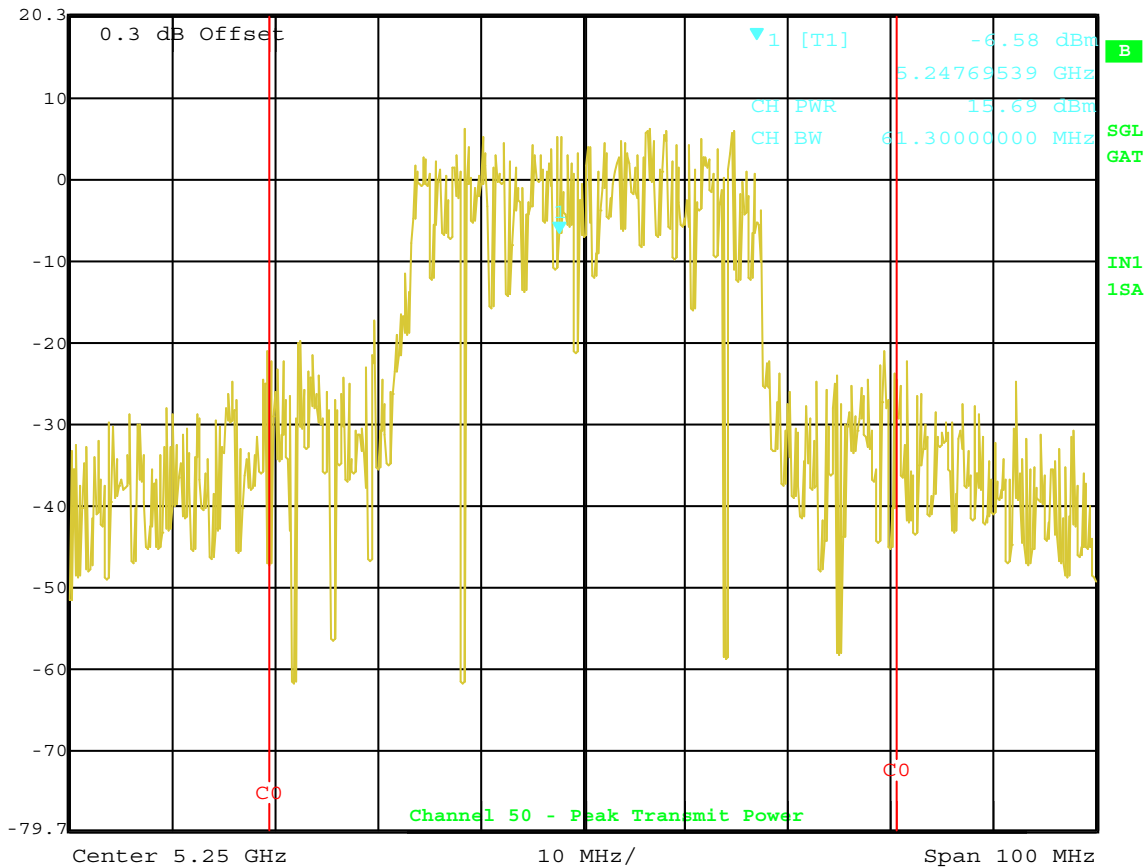
RBW 1 MHz RF Att 30 dB

Ref Lvl -6.58 dBm

VBW 10 MHz

20.3 dBm 5.24769539 GHz

SWT 5 ms Unit dBm



Date: 14.AUG.2003 22:42:27



Marker 1 [T1]

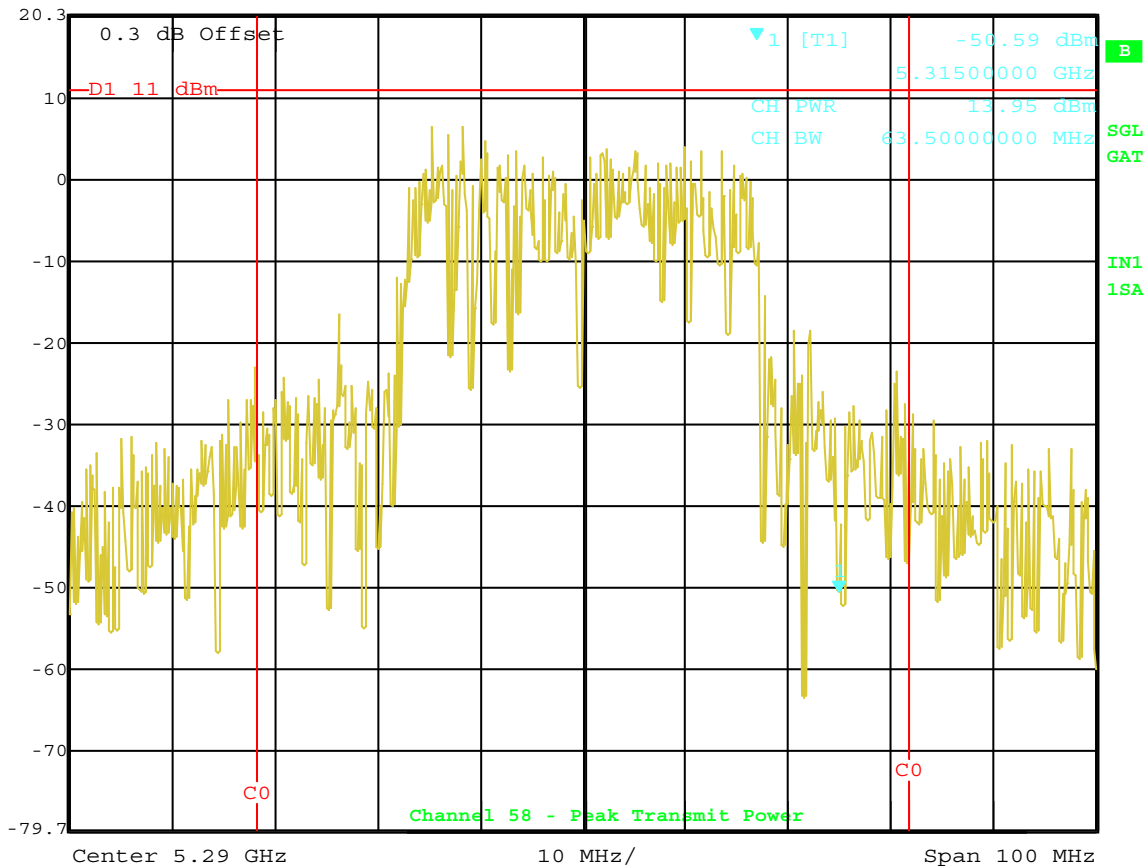
RBW 1 MHz RF Att 30 dB

Ref Lvl -50.59 dBm

VBW 10 MHz

20.3 dBm 5.3150000 GHz

SWT 5 ms Unit dBm



Date: 14.AUG.2003 22:28:07

PEAK POWER SPECTRAL DENSITY
DATA SHEETS



Marker 1 [T1]

RBW 1 MHz RF Att 30 dB

Ref Lvl -40.21 dBm

VBW 10 MHz

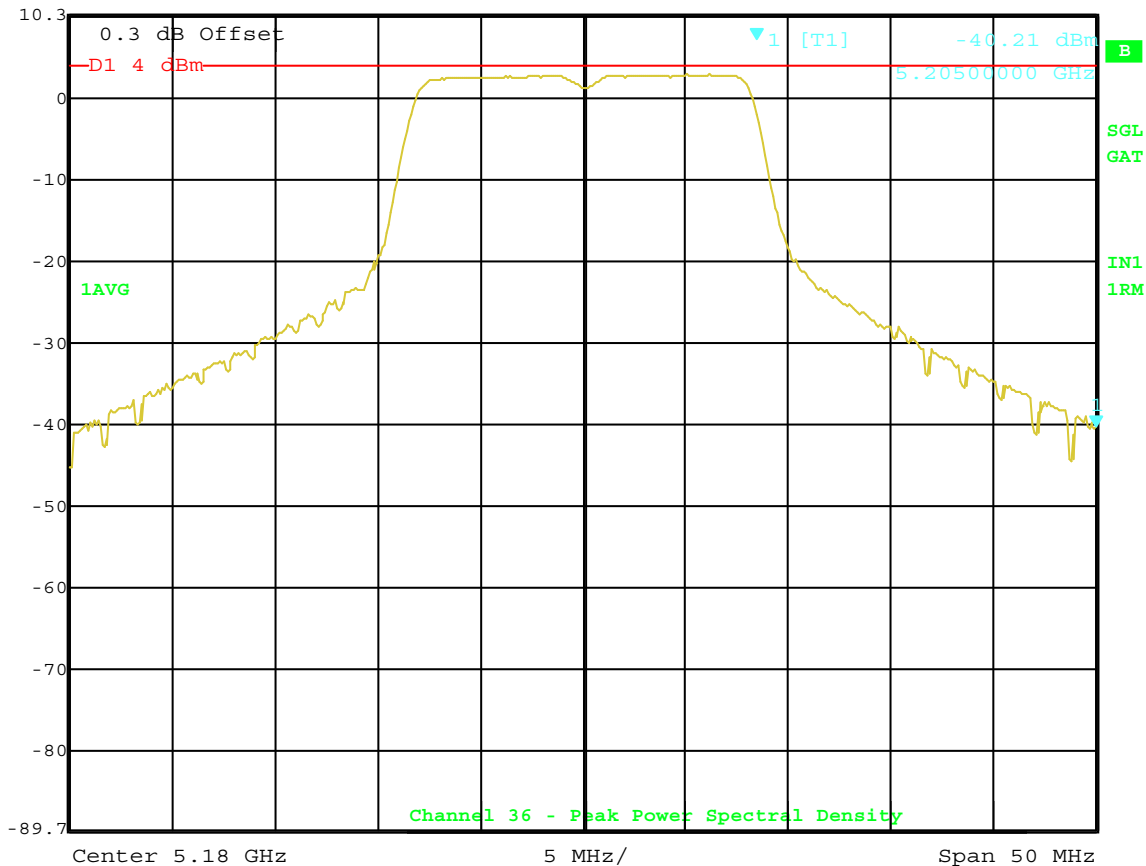
10.3 dBm

5.20500000 GHz

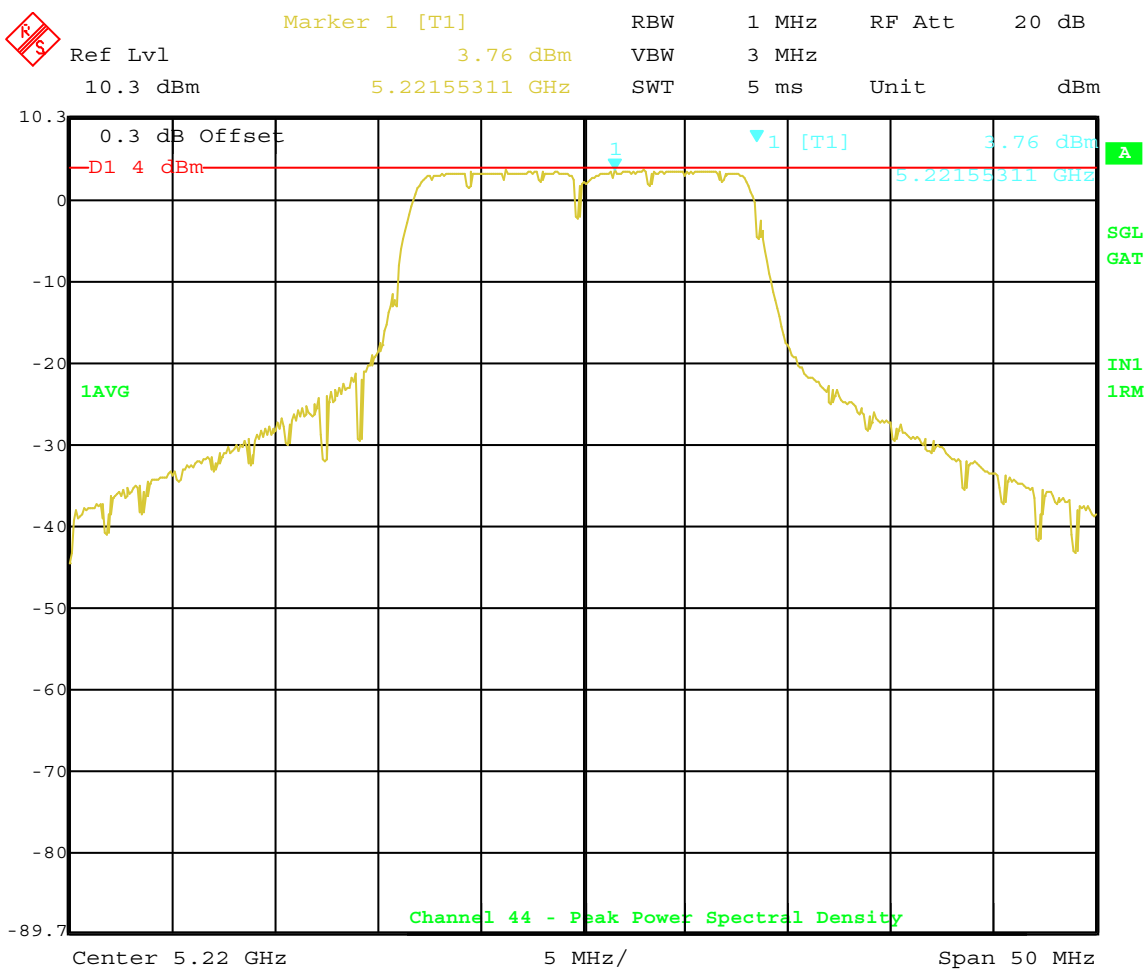
SWT 5 ms

Unit

dBm



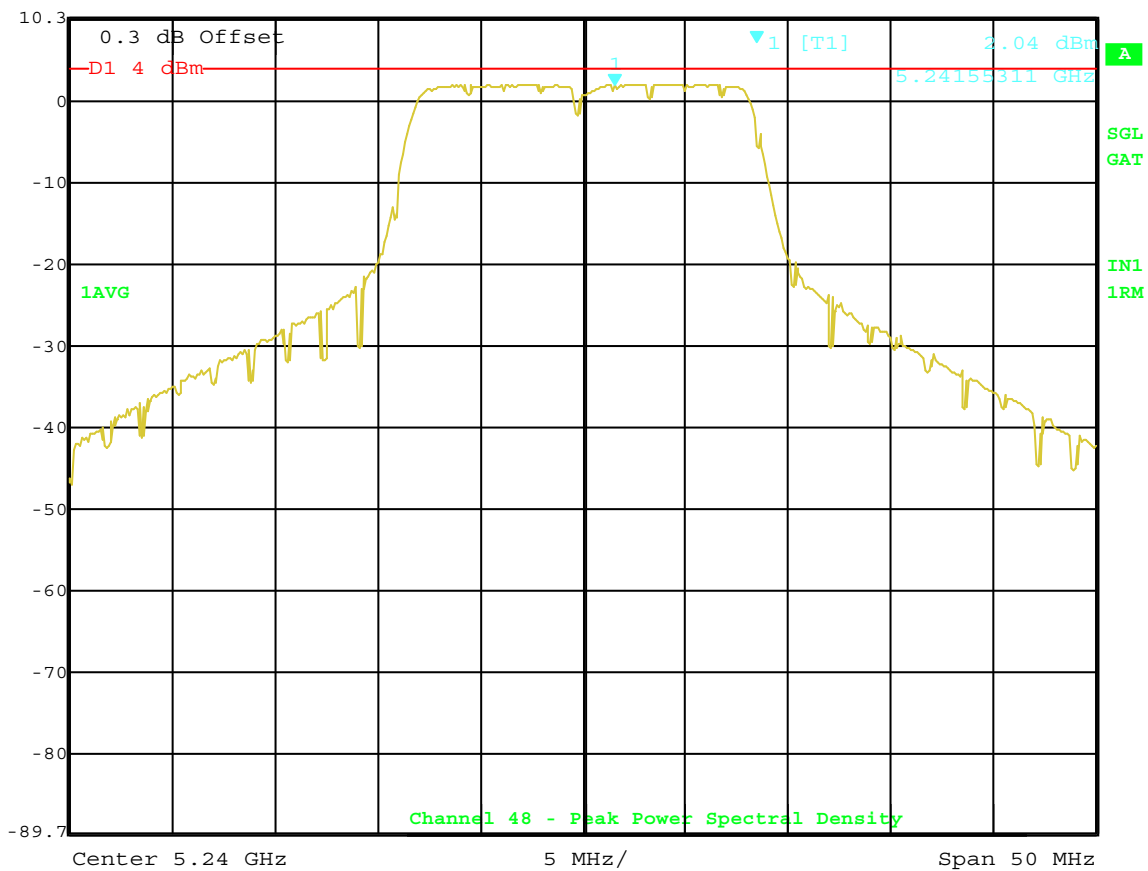
Date: 14.AUG.2003 23:26:13



Date: 15.AUG.2003 22:26:36



Marker 1 [T1] RBW 1 MHz RF Att 20 dB
Ref Lvl 2.04 dBm VBW 3 MHz
10.3 dBm 5.24155311 GHz SWT 5 ms Unit dBm



Date: 15.AUG.2003 22:29:54



Marker 1 [T1]

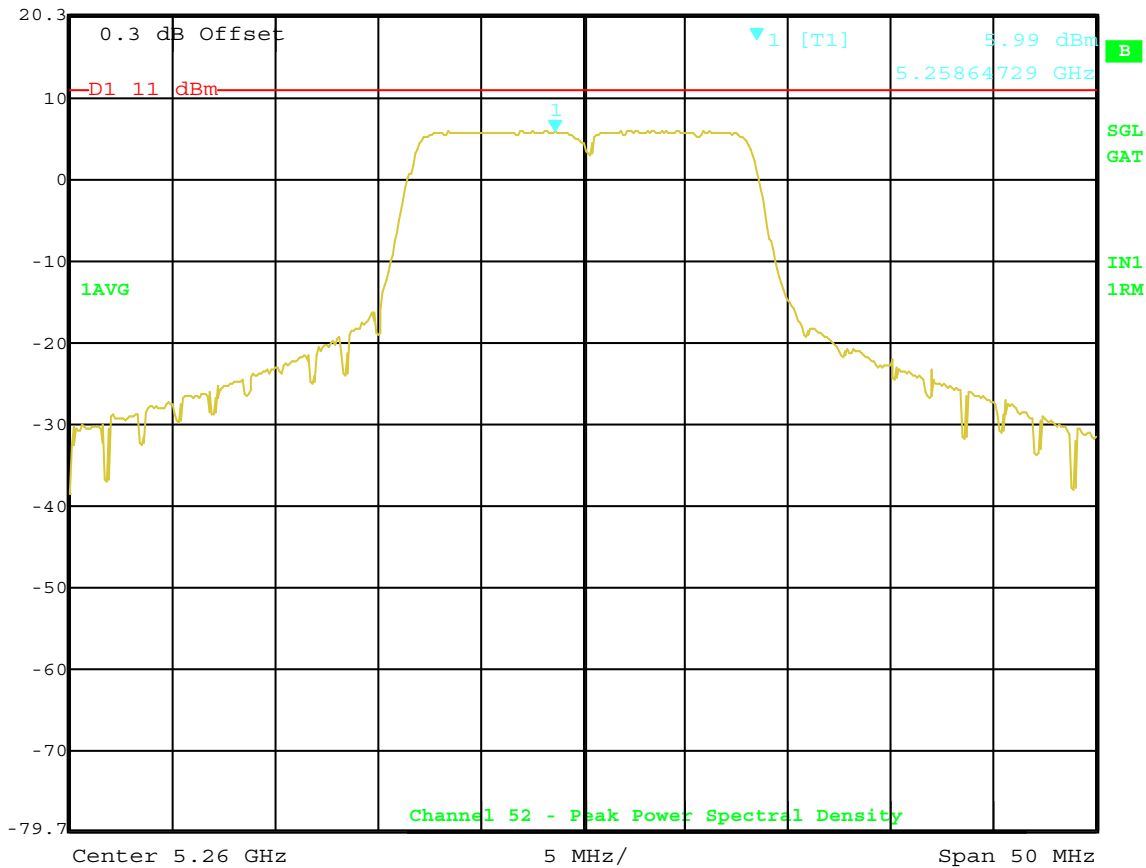
RBW 1 MHz RF Att 30 dB

Ref Lvl 5.99 dBm

VBW 10 MHz

20.3 dBm 5.25864729 GHz

SWT 5 ms Unit dBm



Date: 14.AUG.2003 22:01:14



Marker 1 [T1]

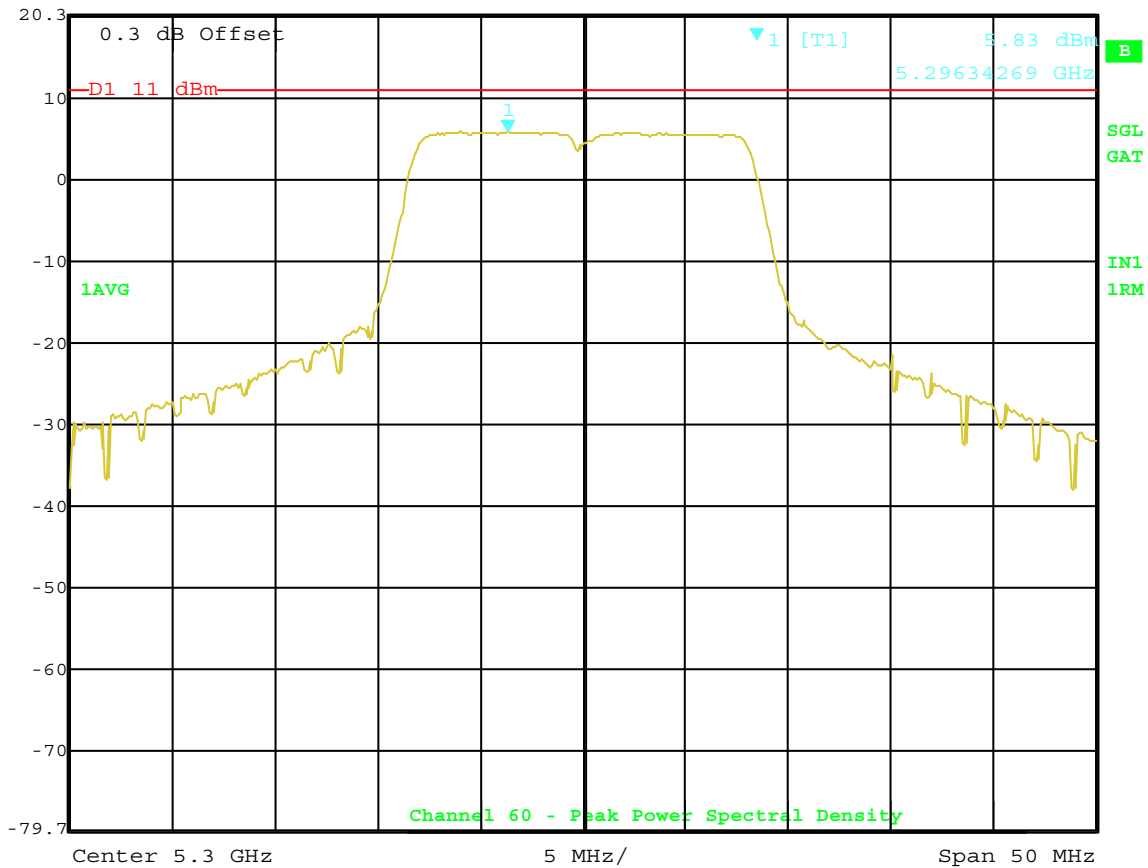
RBW 1 MHz RF Att 30 dB

Ref Lvl 5.83 dBm

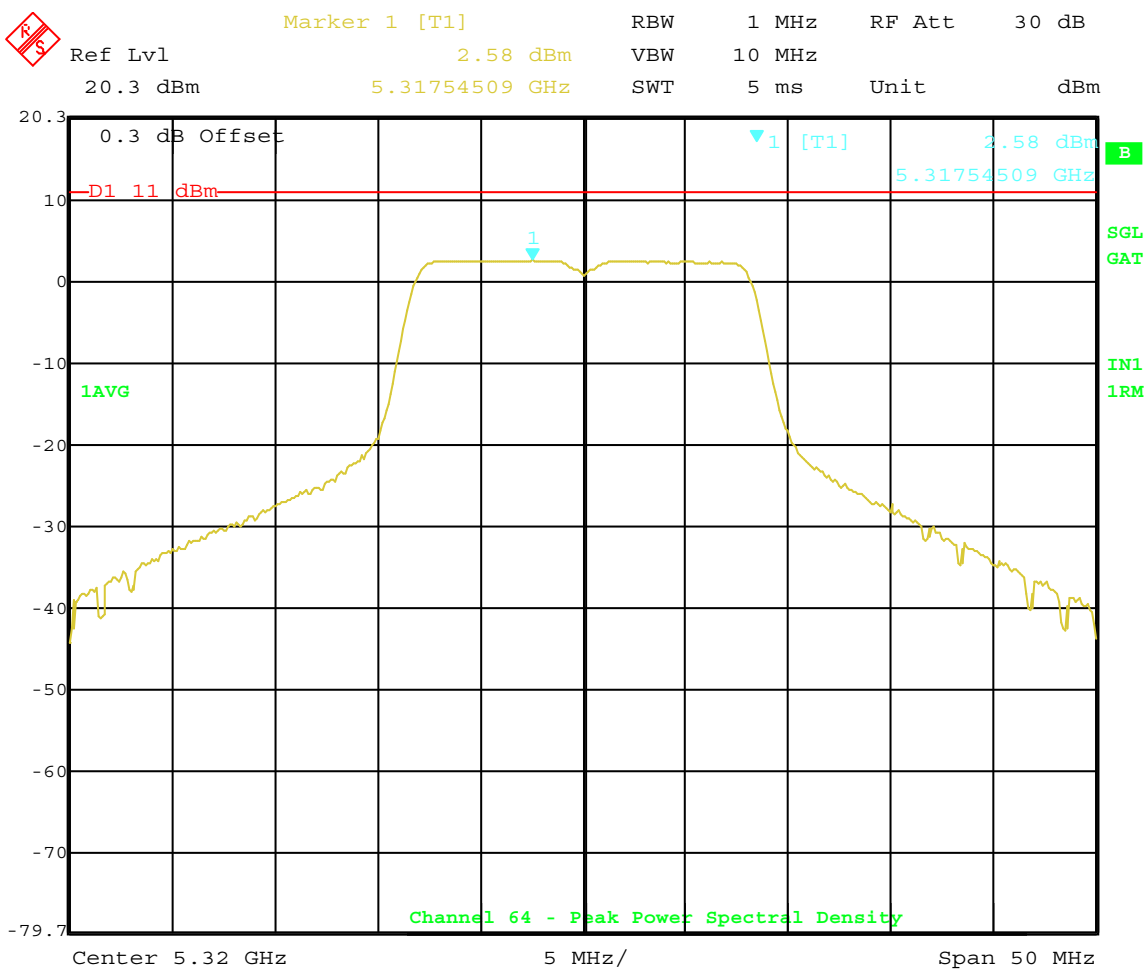
VBW 10 MHz

20.3 dBm 5.29634269 GHz

SWT 5 ms Unit dBm



Date: 14.AUG.2003 22:11:14



Date: 14.AUG.2003 22:17:10



Marker 1 [T1]

RBW 1 MHz RF Att 30 dB

Ref Lvl 1.69 dBm

VBW 3 MHz

20 dBm

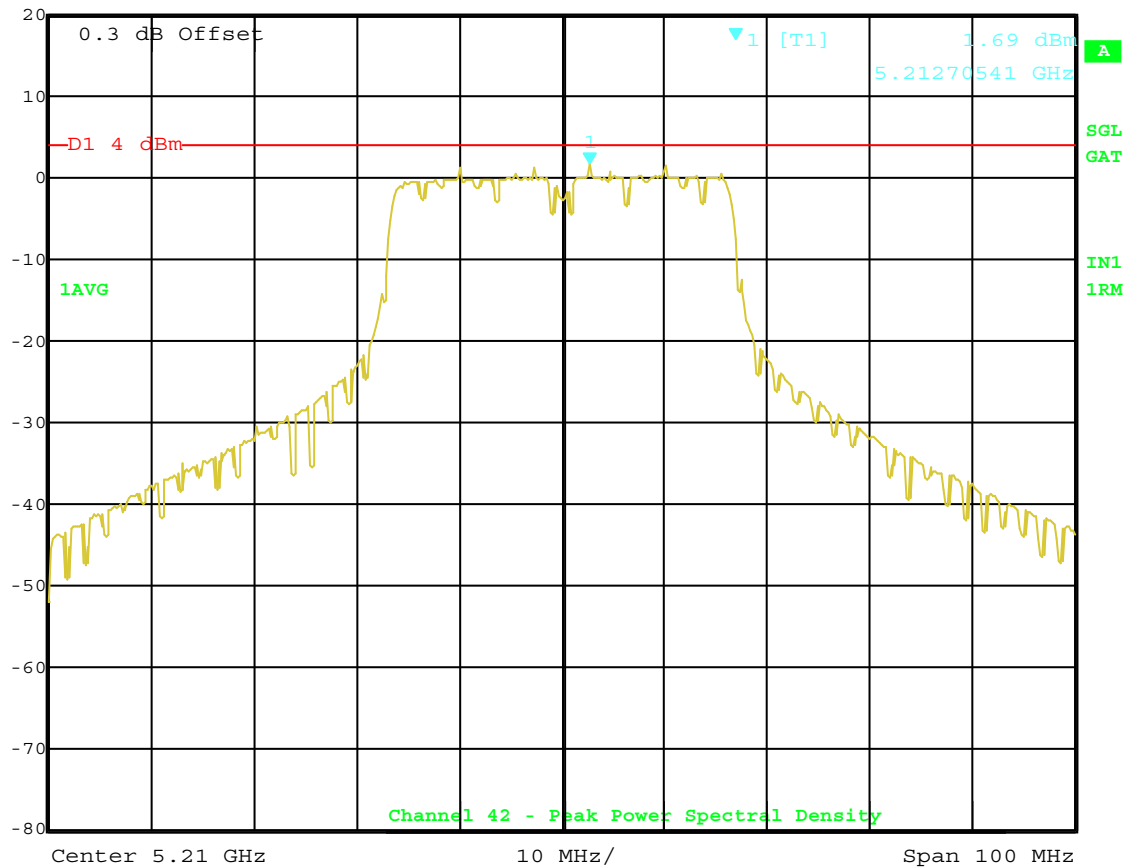
5.21270541 GHz

SWT

5 ms

Unit

dBm



Date: 15.AUG.2003 23:08:35



Marker 1 [T1]

RBW 1 MHz RF Att 30 dB

Ref Lvl 3.81 dBm

VBW 10 MHz

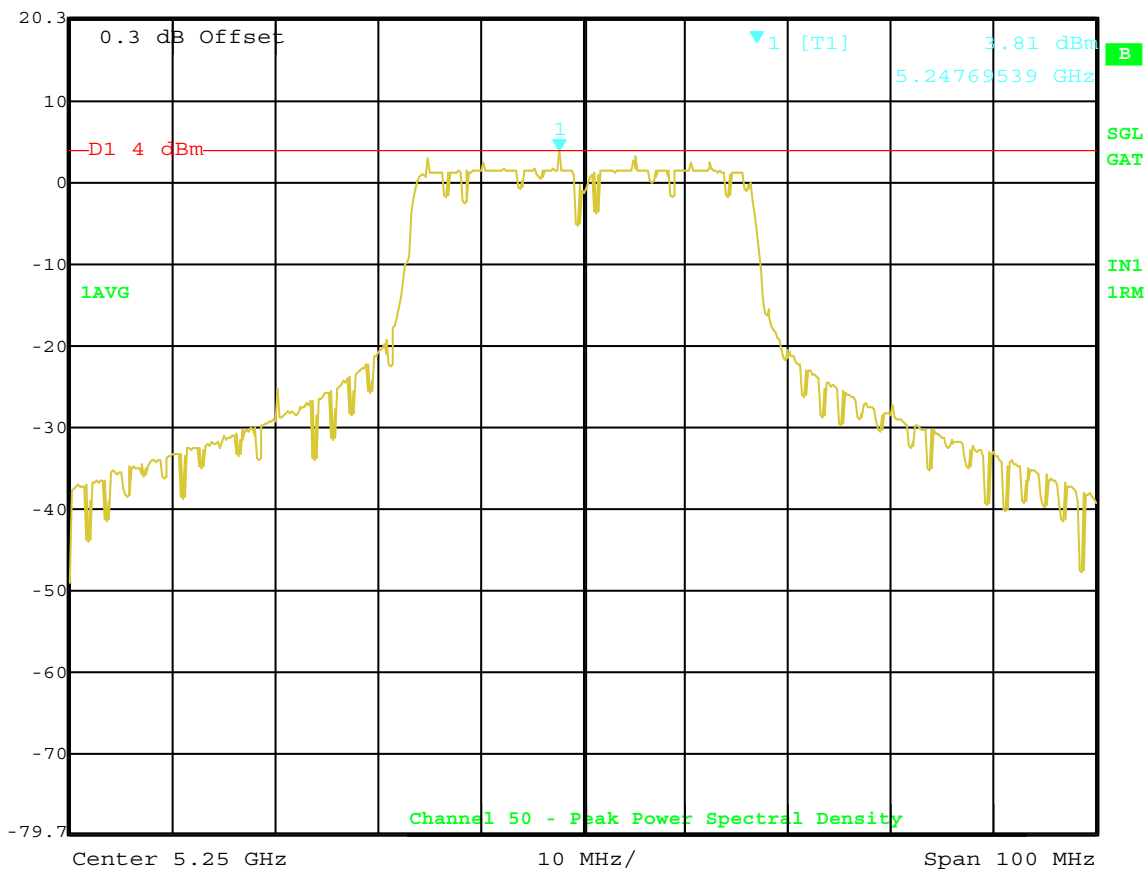
20.3 dBm

5.24769539 GHz

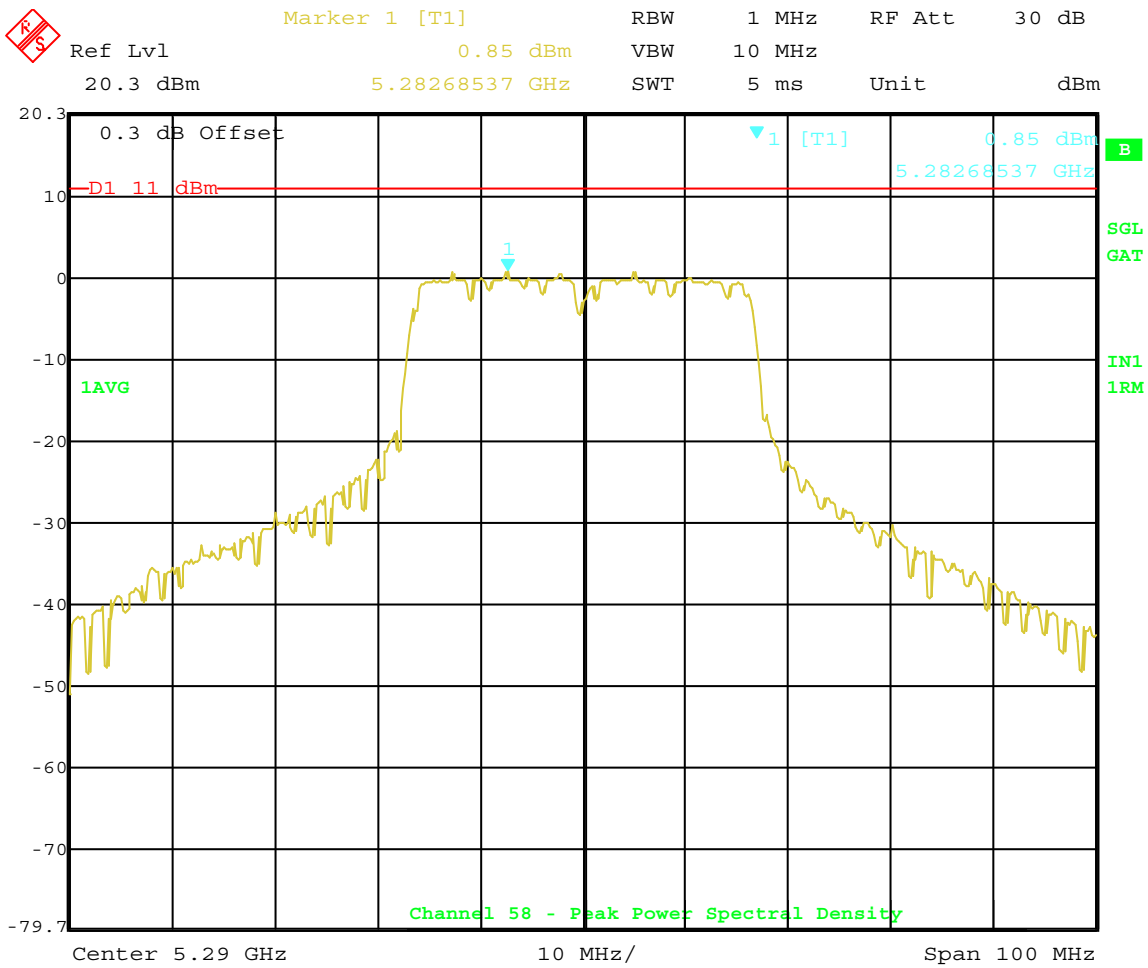
SWT 5 ms

Unit

dBm



Date: 14.AUG.2003 22:37:43



Date: 14.AUG.2003 22:32:48

RADIATED EMISSIONS

DATA SHEETS for the TRANSMITTER

RADIATED EMISSIONS (FCC SECTION 15.205 AND 15.247)

COMPANY	STRIX SYSTEMS, INC.	DATE	7/22/03
EUT	802.11a/b/g Wireless Access Point - 802.11a Mode - Low Band	DUTY CYCLE	N/A %
MODEL	ACCESS / ONE NETWORK	PEAK TO AVG	N/A dB
S/N	N/A	TEST DIST.	3 Meters
TEST ENGINEER	Kyle Fujimoto	LAB	D

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi- Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	Distance Factor (dB)	Mixer Factor (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
5180.0000	95.8	A	H	1.5	90	Y	LOW	35.7	3.9	29.9	0.0	0.0	105.5			
5180.0000	96.6	A	V	2.0	270	Y	LOW	35.7	3.9	29.9	0.0	0.0	106.3			
5200.0000	93.8	A	H	1.5	90	Y	MID	35.7	4.0	29.0	0.0	0.0	104.4			
5200.0000	98.1	A	V	1.5	270	Y	MID	35.7	4.0	29.9	0.0	0.0	107.8			
5240.0000	94.3	A	H	1.0	90	Y	HIGH	35.7	4.0	30.5	0.0	0.0	103.4			
5240.0000	101.6	A	V	1.5	180	Y	HIGH	35.7	4.0	30.5	0.0	0.0	110.7			

* CORRECTED READING = METER READING + ANTENNA FACTOR + CABLE LOSS - AMPLIFIER GAIN
 ** DELTA = SPEC LIMIT - CORRECTED READING

PAGE 1 of PAGE 2

RADIATED EMISSIONS (FCC SECTION 15.205 AND 15.247)

COMPANY	STRIX SYSTEMS, INC.	DATE	7/22/03
EUT	802.11a/b/g Wireless Access Point - 802.11a Mode - Low Band	DUTY CYCLE	N/A %
MODEL	ACCESS / ONE NETWORK	PEAK TO AVG	N/A dB
S/N	N/A	TEST DIST.	3 Meters
TEST ENGINEER	Kyle Fujimoto	LAB	D

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi- Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	Distance Factor (dB)	Mixer Factor (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
10360.0000	36.3	27.8 A	H	1.5	0	Y	LOW	41.0	6.1	27.0	0.0	0.0	48.0	-6.0	54.0	No Harmonics Nor
																Emissions Found
																After the 2nd Harmonic
10360.0000	34.8	26.0 A	V	1.5	90	Y	LOW	41.0	6.1	31.1	0.0	0.0	42.1	-11.9	54.0	
10400.0000	36.5	28.6 A	H	1.5	0	Y	MID	40.9	6.2	27.0	0.0	0.0	48.7	-5.3	54.0	
10400.0000	36.1	27.5 A	V	2.0	180	Y	MID	40.9	6.2	27.0	0.0	0.0	47.6	-6.4	54.0	
10480.0000	37.3	28.1 A	H	1.5	90	Y	HIGH	40.7	6.3	27.0	0.0	0.0	48.1	-5.9	54.0	
10480.0000	36.7	28.3 A	V	2.5	0	Y	HIGH	40.7	6.3	27.0	0.0	0.0	48.3	-5.7	54.0	

* CORRECTED READING = METER READING + ANTENNA FACTOR + CABLE LOSS - AMPLIFIER GAIN

** DELTA = SPEC LIMIT - CORRECTED READING

PAGE 2 of PAGE 2

RADIATED EMISSIONS (FCC SECTION 15.205 AND 15.247)

COMPANY	STRIX SYSTEMS, INC.	DATE	7/22/03
EUT	802.11a/b/g Wireless Access Point - 802.11 A Mode - Middle Band	DUTY CYCLE	N/A %
MODEL	ACCESS / ONE NETWORK	PEAK TO AVG	N/A dB
S/N	N/A	TEST DIST.	3 Meters
TEST ENGINEER	Kyle Fujimoto	LAB	D

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi- Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	Distance Factor (dB)	Mixer Factor (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
5240.0000	97.0	A	H	1.5	90	Y	LOW	35.7	4.0	29.9	0.0	0.0	106.7			
5240.0000	100.2	A	V	2.0	270	Y	LOW	35.7	4.0	29.9	0.0	0.0	109.9			
5280.0000	99.3	A	H	1.5	90	Y	MID	35.6	4.0	29.0	0.0	0.0	110.0			
5280.0000	99.9	A	V	1.5	270	Y	MID	35.6	4.0	29.9	0.0	0.0	109.7			
5320.0000	96.6	A	H	1.0	90	Y	HIGH	35.6	4.0	30.5	0.0	0.0	105.8			
5320.0000	96.9	A	V	1.5	180	Y	HIGH	35.6	4.0	30.5	0.0	0.0	106.1			

* CORRECTED READING = METER READING + ANTENNA FACTOR + CABLE LOSS - AMPLIFIER GAIN

** DELTA = SPEC LIMIT - CORRECTED READING

PAGE 1 of PAGE 2

RADIATED EMISSIONS (FCC SECTION 15.205 AND 15.247)

COMPANY	STRIX SYSTEMS, INC.	DATE	7/22/03
EUT	802.11a/b/g Wireless Access Point - 802.11 A Mode - Middle Band	DUTY CYCLE	N/A %
MODEL	ACCESS / ONE NETWORK	PEAK TO AVG	N/A dB
S/N	N/A	TEST DIST.	3 Meters
TEST ENGINEER	Kyle Fujimoto	LAB	D

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi- Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	Distance Factor (dB)	Mixer Factor (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
10480.0000	35.5	27.0 A	H	1.5	0	Y	LOW	40.7	6.3	27.0	0.0	0.0	47.0	-7.0	54.0	No Harmonics Nor
																Emissions Found
																After the 2nd Harmonic
10480.0000	35.6	27.5 A	V	1.5	90	Y	LOW	40.7	6.3	31.1	0.0	0.0	43.3	-10.7	54.0	
10560.0000	37.1	28.7 A	H	1.5	0	Y	MID	40.6	6.3	26.9	0.0	0.0	48.6	-5.4	54.0	
10560.0000	36.2	28.1 A	V	2.0	180	Y	MID	40.6	6.3	26.9	0.0	0.0	48.0	-6.0	54.0	
10640.0000	37.0	28.1 A	H	1.5	90	Y	HIGH	40.5	6.3	26.9	0.0	0.0	48.0	-6.0	54.0	
10640.0000	35.4	27.1 A	V	2.5	0	Y	HIGH	40.5	6.3	26.9	0.0	0.0	47.0	-7.0	54.0	

* CORRECTED READING = METER READING + ANTENNA FACTOR + CABLE LOSS - AMPLIFIER GAIN

** DELTA = SPEC LIMIT - CORRECTED READING

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RADIATED EMISSIONS (FCC SECTION 15.205 AND 15.247)

COMPANY	STRIX SYSTEMS, INC.	DATE	7/22/03
EUT	802.11a/b/g Wireless Access Point	DUTY CYCLE	N/A %
MODEL	ACCESS / ONE NETWORK	PEAK TO AVG	N/A dB
S/N	N/A	TEST DIST.	3 Meters
TEST ENGINEER	Kyle Fujimoto	LAB	D

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi- Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	Distance Factor (dB)	Mixer Factor (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
5210.0000	90.0	A	H	1.5	90	Y	LOW	35.7	4.0	29.9	0.0	0.0	99.7	18.9	80.8	
5210.0000	96.9	A	V	2.0	270	Y	LOW	35.7	4.0	29.9	0.0	0.0	106.6	25.8	80.8	
5250.0000	93.5	A	H	1.5	90	Y	MID	35.7	4.0	29.0	0.0	0.0	104.2	10.2	94.0	
5250.0000	99.6	A	V	1.5	270	Y	MID	35.7	4.0	29.9	0.0	0.0	109.4	15.4	94.0	
5290.0000	91.0	A	H	1.0	90	Y	HIGH	35.6	4.0	30.5	0.0	0.0	100.2	6.2	94.0	
5290.0000	97.6	A	V	1.5	180	Y	HIGH	35.6	4.0	30.5	0.0	0.0	106.8	12.8	94.0	

* CORRECTED READING = METER READING + ANTENNA FACTOR + CABLE LOSS - AMPLIFIER GAIN
 ** DELTA = SPEC LIMIT - CORRECTED READING

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RADIATED EMISSIONS (FCC SECTION 15.205 AND 15.247)

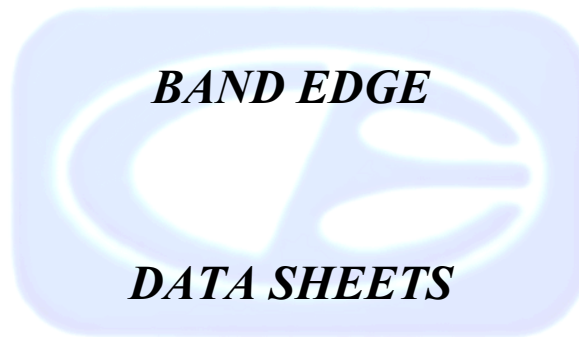
COMPANY	STRIX SYSTEMS, INC.	DATE	7/22/03
EUT	802.11a/b/g Wireless Access Point	DUTY CYCLE	N/A %
MODEL	ACCESS / ONE NETWORK	PEAK TO AVG	N/A dB
S/N	N/A	TEST DIST.	3 Meters
TEST ENGINEER	Kyle Fujimoto	LAB	D

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi- Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	Distance Factor (dB)	Mixer Factor (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
10420.0000	36.0	27.5 A	H	1.5	0	Y	LOW	40.9	6.2	27.0	0.0	0.0	47.6	-6.4	54.0	No Harmonics Nor
																Emissions Found
																After the 2nd Harmonic
10420.0000	35.2	26.4 A	V	1.5	90	Y	LOW	40.9	6.2	31.1	0.0	0.0	42.3	-11.7	54.0	
10500.0000	35.4	27.5 A	H	1.5	0	Y	MID	40.6	6.3	27.0	0.0	0.0	47.5	-6.6	54.0	
10500.0000	35.6	27.0 A	V	2.0	180	Y	MID	40.6	6.3	27.0	0.0	0.0	47.0	-7.1	54.0	
10580.0000	36.2	27.0 A	H	1.5	90	Y	HIGH	40.6	6.3	26.9	0.0	0.0	46.9	-7.1	54.0	
10580.0000	36.0	27.6 A	V	2.5	0	Y	HIGH	40.6	6.3	26.9	0.0	0.0	47.5	-6.5	54.0	

* CORRECTED READING = METER READING + ANTENNA FACTOR + CABLE LOSS - AMPLIFIER GAIN

** DELTA = SPEC LIMIT - CORRECTED READING

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RADIATED EMISSIONS (FCC SECTION 15.205 AND 15.247)

COMPANY	STRIX SYSTEMS, INC.	DATE	7/22/03
EUT	802.11a/b/g Wireless Access Point - 802.11a Mode - Low Band	DUTY CYCLE	N/A %
MODEL	ACCESS / ONE NETWORK	PEAK TO AVG	N/A dB
S/N	N/A	TEST DIST.	3 Meters
TEST ENGINEER	Kyle Fujimoto	LAB	D

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi- Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	Distance Factor (dB)	Mixer Factor (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
5150.0000	53.9	29.0 A	H	2.0	90	Y	LOW	35.7	3.9	29.9	0.0	0.0	38.7	-15.3	54.0	Band Edge - Low Ch.
																in Mode "a" - Normal
5150.0000	50.1	28.5 A	V	2.0	0	Y	LOW	35.7	3.9	29.9	0.0	0.0	38.2	-15.8	54.0	Band Edge - Low Ch.
																in Mode "a" - Normal

* CORRECTED READING = METER READING + ANTENNA FACTOR + CABLE LOSS - AMPLIFIER GAIN
 ** DELTA = SPEC LIMIT - CORRECTED READING

RADIATED EMISSIONS (FCC SECTION 15.205 AND 15.247)

COMPANY	STRIX SYSTEMS, INC.	DATE	7/22/03
EUT	802.11a/b/g Wireless Access Point - 802.11 A Mode - Middle Band	DUTY CYCLE	N/A %
MODEL	ACCESS / ONE NETWORK	PEAK TO AVG	N/A dB
S/N	N/A	TEST DIST.	3 Meters
TEST ENGINEER	Kyle Fujimoto	LAB	D

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi- Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	Distance Factor (dB)	Mixer Factor (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
5350.0000	47.6	28.4 A	H	2.0	0	Y	HIGH	35.7	3.9	29.9	0.0	0.0	38.1	-15.9	54.0	Band Edge - High Ch.
																in Mode "a"
5350.0000	37.8	27.1 A	V	2.0	0	Y	HIGH	35.7	3.9	29.9	0.0	0.0	36.8	-17.2	54.0	Band Edge - High Ch.
																in Mode "a"

* CORRECTED READING = METER READING + ANTENNA FACTOR + CABLE LOSS - AMPLIFIER GAIN
 ** DELTA = SPEC LIMIT - CORRECTED READING

RADIATED EMISSIONS (FCC SECTION 15.205 AND 15.247)

COMPANY	STRIX SYSTEMS, INC.	DATE	7/22/03
EUT	802.11a/b/g Wireless Access Point	DUTY CYCLE	N/A %
MODEL	ACCESS / ONE NETWORK	PEAK TO AVG	N/A dB
S/N	N/A	TEST DIST.	3 Meters
TEST ENGINEER	Kyle Fujimoto	LAB	D

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi- Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	Distance Factor (dB)	Mixer Factor (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
5150.0000	42.1	26.1 A	H	1.0	0	Y	LOW	35.7	3.9	29.9	0.0	0.0	35.8	-18.2	54.0	Band Edge - Low Ch.
																in Mode "a" - Turbo
5150.0000	50.0	27.8 A	V	1.5	0	Y	LOW	35.7	3.9	29.9	0.0	0.0	37.5	-16.5	54.0	Band Edge - Low Ch.
																in Mode "a" - Turbo
5350.0000	47.8	31.3 A	H	1.0	0	Y	HIGH	35.7	3.9	29.9	0.0	0.0	41.0	-13.0	54.0	Band Edge - High Ch.
																in Mode "a" - Turbo
5350.0000	49.8	29.9 A	V	1.0	0	Y	HIGH	35.7	3.9	29.9	0.0	0.0	39.6	-14.4	54.0	Band Edge - High Ch.
																in Mode "a" - Turbo

* CORRECTED READING = METER READING + ANTENNA FACTOR + CABLE LOSS - AMPLIFIER GAIN
 ** DELTA = SPEC LIMIT - CORRECTED READING

PAGE 1

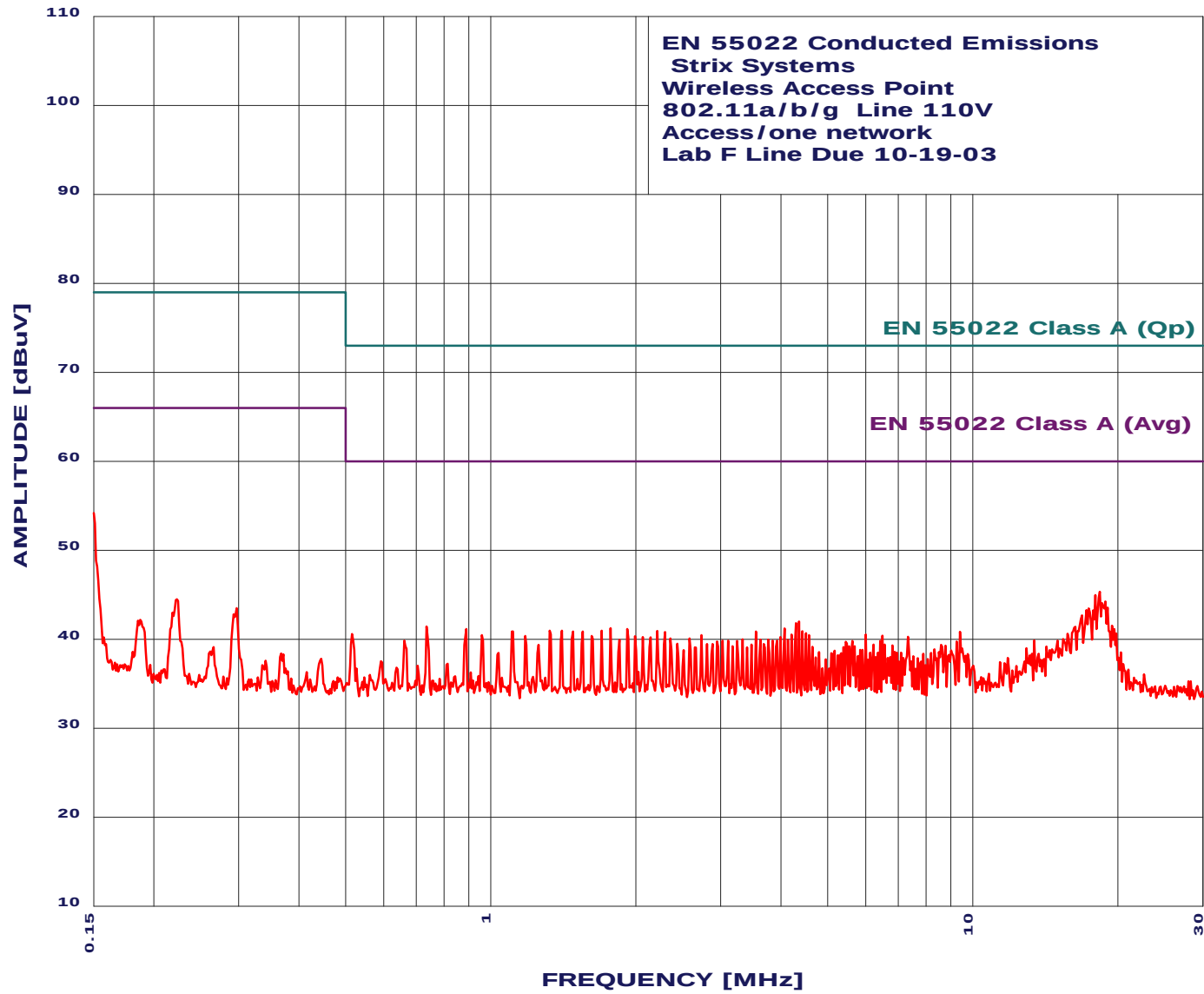
CONDUCTED EMISSIONS
DATA SHEETS

**EN 55022 Conducted Emissions****Strix Systems****Wireless Access Point****802.11a/b/g Line 110V****Access/one network****Lab F Line Due 10-19-03****TEST ENGINEER : A.KHAN****7 highest peaks above -50.00 dB of EN 55022 Class A (Avg) limit line****Peak criteria : 3.00 dB, Curve : Peak**

Peak#	Freq(MHz)	Amp(dBuV)	Limit(dB)	Delta(dB)
1	0.150	54.17	66.00	-11.83
2	18.336	45.34	60.00	-14.66
3	17.955	44.95	60.00	-15.05
4	17.383	43.46	60.00	-16.54
5	16.849	42.68	60.00	-17.32
6	4.361	41.98	60.00	-18.02
7	4.294	41.79	60.00	-18.21

EMISSION LEVEL [dBuV] PEAK
Graph for **Peak**

7/17/2003 9:07:56

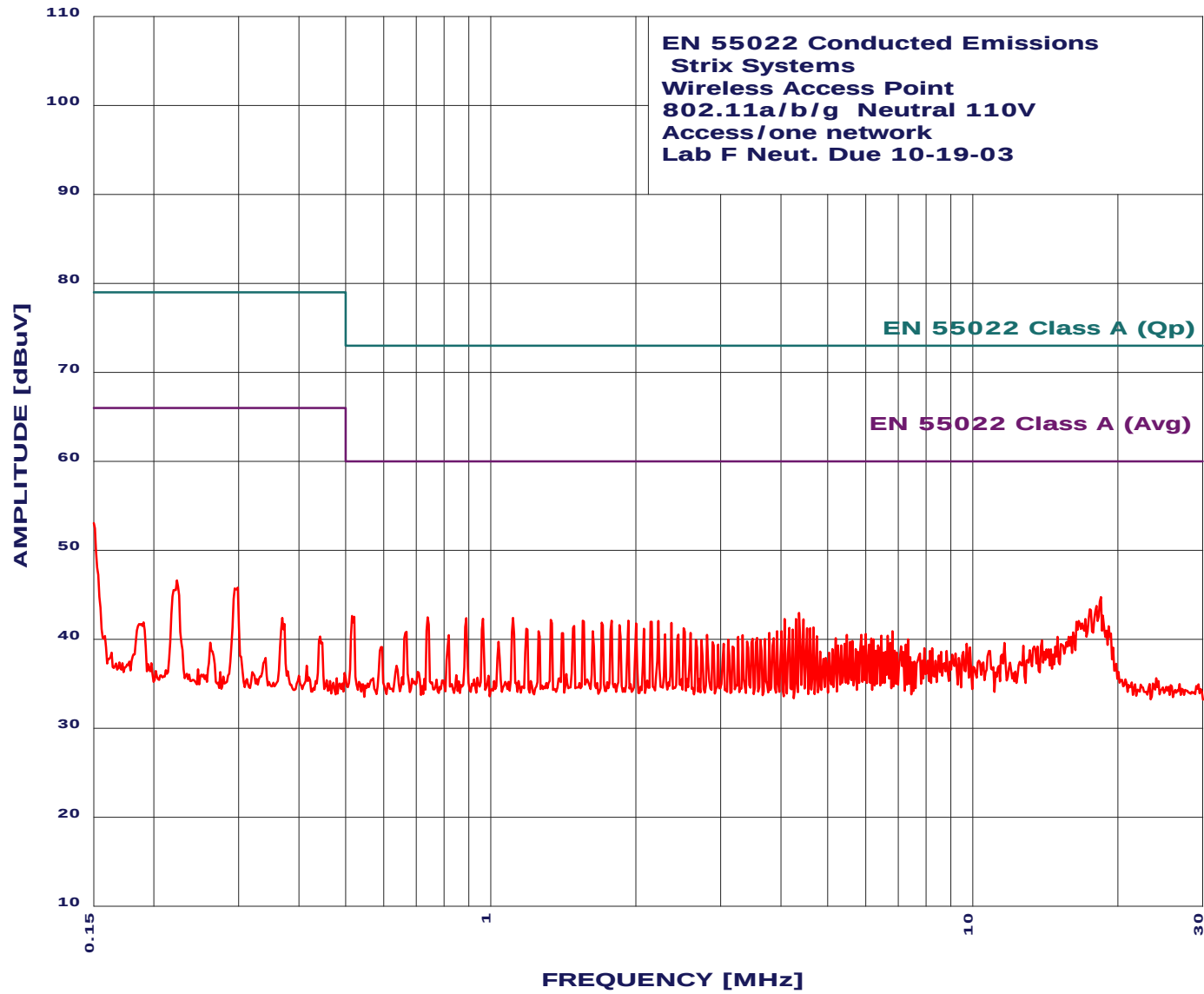


**EN 55022 Conducted Emissions****Strix Systems****Wireless Access Point****802.11a/b/g Neutral 110V****Access/one network****Lab F Neut. Due 10-19-03****TEST ENGINEER : A.KHAN****7 highest peaks above -50.00 dB of EN 55022 Class A (Avg) limit line****Peak criteria : 3.00 dB, Curve : Peak**

Peak#	Freq(MHz)	Amp(dBuV)	Limit(dB)	Delta(dB)
1	0.150	53.04	66.00	-12.96
2	18.431	44.75	60.00	-15.25
3	4.361	42.95	60.00	-17.05
4	0.516	42.60	60.00	-17.40
5	0.739	42.44	60.00	-17.56
6	1.112	42.39	60.00	-17.61
7	0.890	42.37	60.00	-17.63

EMISSION LEVEL [dBuV] PEAK
Graph for **Peak**

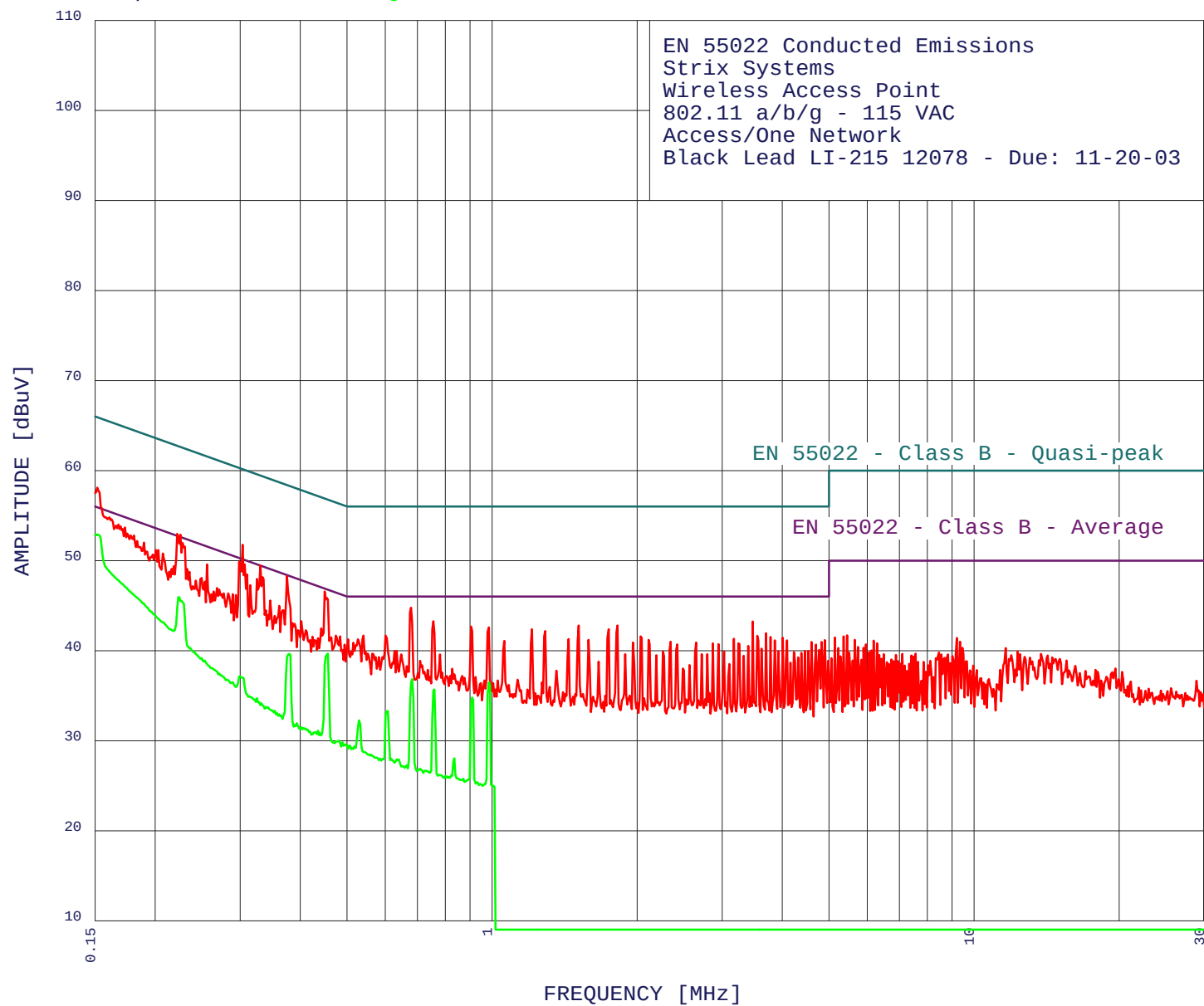
7/17/2003 9:18:04



EMISSION LEVEL [dBuV] PEAK
Graph for Peak & Average

8/12/2003

9:45:23




**COMPATIBLE
ELECTRONICS**

8/12/2003

9:45:23

EN 55022 Conducted Emissions

Strix Systems

Wireless Access Point

802.11 a/b/g - 115 VAC

Access/One Network

Black Lead LI-215 12078 - Due: 11-20-03

TEST ENGINEER : Kyle Fujimoto

40 highest peaks above -50.00 dB of EN 55022 - Class B - Average limit line

Peak criteria : 1.00 dB, Curve : Peak

Peak#	Freq(MHz)	Amp(dBuV)	Limit(dB)	Delta(dB)
1	0.304	51.76	50.14	1.62**
2	0.150	57.50	56.00	1.50**
3	0.222	52.97	52.74	0.23**
4	0.331	49.46	49.44	0.02**
5	0.375	48.26	48.38	-0.12**
6	0.449	46.56	46.89	-0.33**
7	0.299	49.86	50.28	-0.42**
8	0.307	49.56	50.05	-0.49**
9	0.228	51.96	52.52	-0.56**
10	0.334	48.16	49.35	-1.19**
11	0.679	44.77	46.00	-1.23**
12	0.310	48.46	49.97	-1.50**
13	0.325	47.96	49.57	-1.61**
14	0.256	49.56	51.55	-1.99**
15	0.203	51.17	53.49	-2.31**
16	0.201	51.17	53.58	-2.40**
17	0.207	50.77	53.31	-2.54**
18	0.315	47.26	49.84	-2.57**
19	0.755	43.27	46.00	-2.73**
20	3.474	43.22	46.00	-2.78
21	1.820	42.79	46.00	-3.21
22	1.512	42.78	46.00	-3.22
23	0.233	49.06	52.34	-3.28**
24	0.904	42.67	46.00	-3.33**
25	0.984	42.57	46.00	-3.43**
26	0.347	45.56	49.04	-3.48**
27	1.745	42.39	46.00	-3.61
28	1.210	42.38	46.00	-3.62
29	0.250	48.06	51.77	-3.71**
30	0.362	44.96	48.69	-3.73**
31	1.290	42.18	46.00	-3.82
32	0.369	44.46	48.52	-4.05**
33	3.702	41.93	46.00	-4.07
34	0.269	46.96	51.15	-4.19**
35	0.243	47.76	52.00	-4.24**
36	0.294	46.16	50.41	-4.25**
37	0.290	46.26	50.54	-4.28**
38	0.601	41.67	46.00	-4.33**
39	0.541	41.67	46.00	-4.33**
40	0.283	46.36	50.72	-4.35**

** Please See the Average Readings on the Next Page and on the Plot



**COMPATIBLE
ELECTRONICS**

8/12/2003

9:45:23

EN 55022 Conducted Emissions

Strix Systems

Wireless Access Point

802.11 a/b/g - 115 VAC

Access/One Network

Black Lead LI-215 12078 - Due: 11-20-03

TEST ENGINEER : Kyle Fujimoto

40 highest peaks above -50.00 dB of EN 55022 - Class B - Average limit line

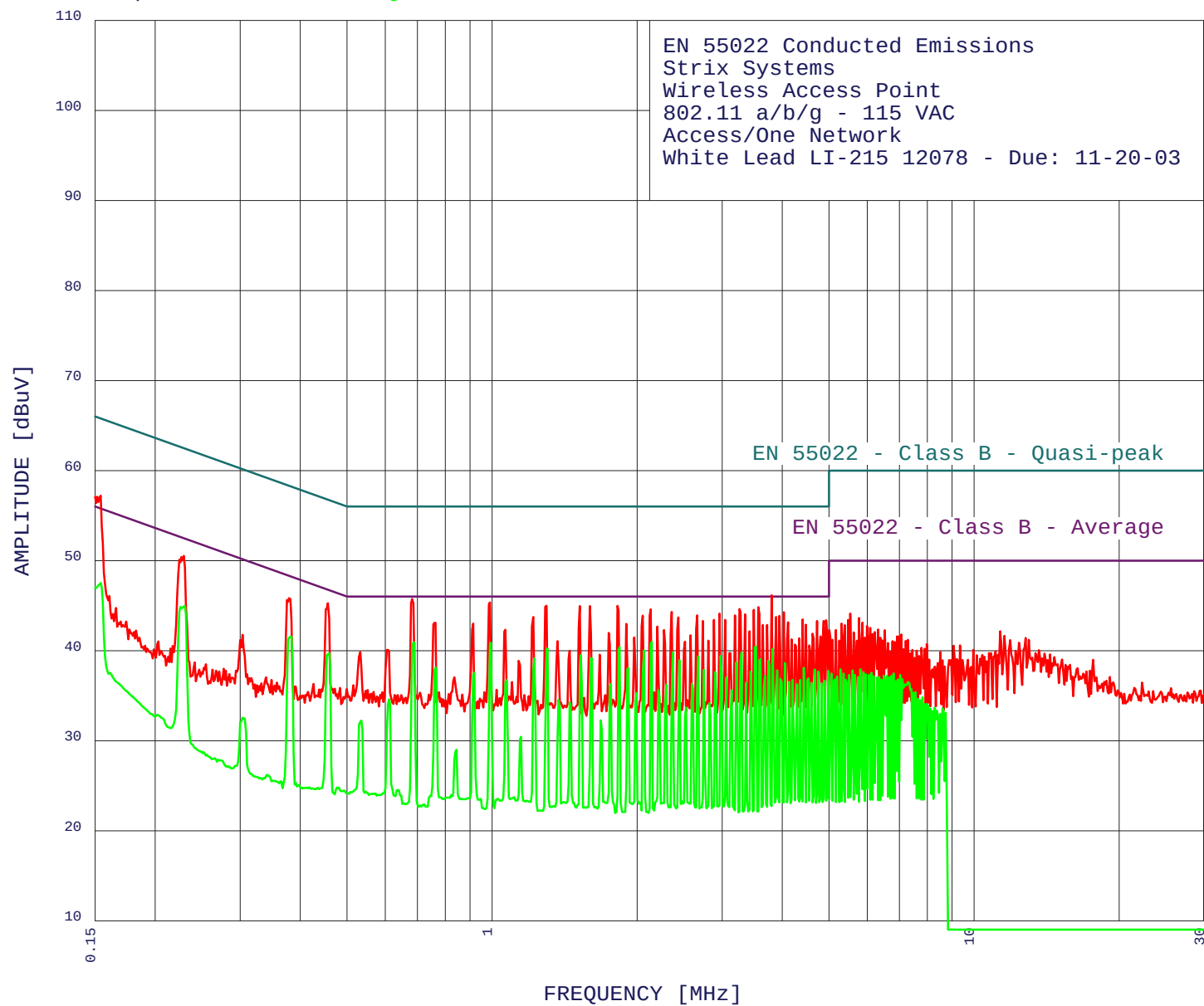
Peak criteria : 0.10 dB, Curve : Average

Peak#	Freq(MHz)	Amp(dBuV)	Limit(dB)	Delta(dB)
1	0.150	52.83	56.00	-3.17
2	0.223	45.94	52.70	-6.75
3	0.457	39.65	46.76	-7.10
4	0.379	39.64	48.29	-8.65
5	0.683	36.83	46.00	-9.17
6	0.984	36.47	46.00	-9.53
7	0.759	35.69	46.00	-10.31
8	0.909	34.78	46.00	-11.22
9	0.605	33.29	46.00	-12.71
10	0.254	38.88	51.64	-12.76
11	0.299	37.13	50.28	-13.15
12	0.530	32.25	46.00	-13.75
13	0.325	34.69	49.57	-14.88
14	0.332	34.14	49.39	-15.25
15	0.339	33.75	49.22	-15.47
16	0.354	33.33	48.87	-15.53
17	0.358	33.09	48.78	-15.69
18	0.362	32.94	48.69	-15.75
19	0.435	31.10	47.15	-16.05
20	0.393	31.92	47.99	-16.07
21	0.440	30.81	47.06	-16.25
22	0.402	31.49	47.81	-16.32
23	0.406	31.40	47.72	-16.32
24	0.481	29.98	46.32	-16.33
25	0.389	31.74	48.08	-16.33
26	0.428	30.94	47.28	-16.34
27	0.489	29.81	46.18	-16.37
28	0.497	29.59	46.05	-16.46
29	0.505	29.44	46.00	-16.56
30	0.518	29.38	46.00	-16.62
31	0.561	28.47	46.00	-17.53
32	0.835	28.05	46.00	-17.95
33	0.618	28.00	46.00	-18.00
34	0.586	28.00	46.00	-18.00
35	0.641	27.91	46.00	-18.09
36	0.665	27.27	46.00	-18.73
37	0.709	26.88	46.00	-19.12
38	0.728	26.68	46.00	-19.32
39	0.775	26.21	46.00	-19.79
40	0.801	26.10	46.00	-19.90

EMISSION LEVEL [dBuV] PEAK
Graph for Peak & Average

8/12/2003

9:57:39





**COMPATIBLE
ELECTRONICS**

8/12/2003

9:57:39

EN 55022 Conducted Emissions

Strix Systems

Wireless Access Point

802.11 a/b/g - 115 VAC

Access/One Network

White Lead LI-215 12078 - Due: 11-20-03

TEST ENGINEER : Kyle Fujimoto

40 highest peaks above -50.00 dB of EN 55022 - Class B - Average limit line

Peak criteria : 1.00 dB, Curve : Peak

Peak#	Freq(MHz)	Amp(dBuV)	Limit(dB)	Delta(dB)
1	0.150	57.07	56.00	1.07**
2	3.800	46.14	46.00	0.14**
3	0.683	45.74	46.00	-0.26**
4	0.990	45.36	46.00	-0.64**
5	1.297	44.98	46.00	-1.02**
6	1.820	44.96	46.00	-1.04**
7	1.594	44.95	46.00	-1.05**
8	1.520	44.95	46.00	-1.05**
9	3.565	44.83	46.00	-1.17**
10	3.260	44.62	46.00	-1.38**
11	2.134	44.57	46.00	-1.43**
12	3.492	44.53	46.00	-1.47**
13	0.457	45.27	46.76	-1.48**
14	2.358	44.28	46.00	-1.72**
15	4.029	44.25	46.00	-1.75**
16	2.963	44.11	46.00	-1.89**
17	0.229	50.51	52.48	-1.97**
18	3.346	44.02	46.00	-1.98**
19	3.192	43.92	46.00	-2.08**
20	2.665	43.90	46.00	-2.10**
21	2.055	43.87	46.00	-2.13**
22	3.945	43.85	46.00	-2.15**
23	3.882	43.74	46.00	-2.26**
24	1.217	43.72	46.00	-2.28**
25	2.436	43.69	46.00	-2.31**
26	0.379	45.82	48.29	-2.47**
27	4.408	43.47	46.00	-2.53**
28	3.043	43.41	46.00	-2.59**
29	2.885	43.40	46.00	-2.60**
30	4.928	43.39	46.00	-2.61**
31	2.736	43.30	46.00	-2.70**
32	4.877	43.28	46.00	-2.72**
33	4.722	43.28	46.00	-2.72**
34	4.114	43.15	46.00	-2.85**
35	0.759	43.09	46.00	-2.91**
36	0.914	43.00	46.00	-3.00**
37	1.899	42.97	46.00	-3.03**
38	4.480	42.87	46.00	-3.13**
39	3.722	42.84	46.00	-3.16**
40	3.644	42.84	46.00	-3.16**

** Please See the Average Readings on the Next Page and on the Plot



**COMPATIBLE
ELECTRONICS**

8/12/2003

9:57:39

EN 55022 Conducted Emissions

Strix Systems

Wireless Access Point

802.11 a/b/g - 115 VAC

Access/One Network

White Lead LI-215 12078 - Due: 11-20-03

TEST ENGINEER : Kyle Fujimoto

40 highest peaks above -50.00 dB of EN 55022 - Class B - Average limit line

Peak criteria : 0.10 dB, Curve : Average

Peak#	Freq(MHz)	Amp(dBuV)	Limit(dB)	Delta(dB)
1	2.145	40.98	46.00	-5.02
2	0.690	40.91	46.00	-5.09
3	0.995	40.88	46.00	-5.12
4	3.529	40.45	46.00	-5.55
5	1.840	40.40	46.00	-5.60
6	1.304	40.22	46.00	-5.78
7	3.820	40.20	46.00	-5.80
8	2.066	40.01	46.00	-5.99
9	2.371	39.81	46.00	-6.19
10	3.294	39.81	46.00	-6.19
11	1.528	39.50	46.00	-6.50
12	2.979	39.41	46.00	-6.59
13	2.679	39.37	46.00	-6.63
14	0.381	41.56	48.25	-6.69
15	1.603	39.17	46.00	-6.83
16	1.223	39.12	46.00	-6.88
17	3.605	39.05	46.00	-6.95
18	0.459	39.73	46.71	-6.98
19	2.449	38.94	46.00	-7.06
20	3.741	38.88	46.00	-7.12
21	3.209	38.70	46.00	-7.30
22	4.050	38.62	46.00	-7.38
23	0.230	44.96	52.43	-7.47
24	0.226	44.86	52.61	-7.75
25	0.763	38.12	46.00	-7.88
26	4.432	38.09	46.00	-7.91
27	1.918	38.07	46.00	-7.93
28	4.672	37.89	46.00	-8.11
29	2.751	37.87	46.00	-8.13
30	3.903	37.81	46.00	-8.19
31	4.980	37.75	46.00	-8.25
32	0.154	47.52	55.78	-8.26
33	4.748	37.66	46.00	-8.34
34	3.438	37.65	46.00	-8.35
35	2.900	37.60	46.00	-8.40
36	0.919	37.53	46.00	-8.47
37	3.683	37.22	46.00	-8.78
38	0.150	47.01	56.00	-8.99
39	3.059	37.00	46.00	-9.00
40	4.528	36.93	46.00	-9.07



RADIATED EMISSIONS

DATA SHEETS for THE DIGITAL PORTION

**COMPATIBLE
ELECTRONICS.**

Test Location	: Compatible Electronics	Page	: 1/1
Customer	: Eric Eustis	Date	: 07/16/2003
Manufacturer	: Strix Systems	Time	: 11:23:59 AM
Eut name	: 802.11a/b/g Wireless Access Point	Lab	: F
Model	: Access/one Network	Test Distance	: 10.00 Meters
Serial #	:		
Specification	: EN 55022 Class A		
Distance correction factor (20 * log(test/spec))			: 0.00
Test Mode	: Clocks: 10, 25, 33.33, 42, 125MHz		
	Qualification temp: 35degCel humid: 43%		
	Test Eng: J. Madlangbayan		

Pol	Freq	Reading	Cable loss	Antenna factor	Amplifier gain	Corr'd rdg = R	Limit = L	Delta R-L
	MHz	dBuV	dB	dB	dB	dBuV/m	dBuV/m	dB
1V	300.057	50.00	4.00	18.79	34.60	38.19	47.00	-8.81
2V	350.064	47.30	5.10	15.61	34.80	33.20	47.00	-13.80
3V	400.046	56.20	4.60	15.10	34.60	41.30	47.00	-5.70
4V	500.069	52.50	4.50	17.00	35.00	39.00	47.00	-8.00
5V	666.702	54.60	5.51	20.65	35.26	45.50	47.00	-1.50
6V	666.702Qp	53.21	5.51	20.65	35.26	44.11	47.00	-2.89
7V	933.363	41.70	6.07	23.47	28.67	42.57	47.00	-4.43
8V	533.374	52.30	4.50	18.15	34.73	40.22	47.00	-6.78
9H	400.048	49.30	4.60	15.10	34.60	34.40	47.00	-12.60
10H	500.079	50.70	4.50	17.00	35.00	37.20	47.00	-9.80
11H	533.378	52.60	4.50	18.15	34.73	40.52	47.00	-6.48
12H	666.694	48.20	5.51	20.64	35.26	39.09	47.00	-7.91
13H	933.381	38.90	6.07	23.47	28.67	39.77	47.00	-7.23
14V	42.704	49.80	2.60	11.61	35.46	28.55	40.00	-11.45
	14V Broadband noise	30-55MHz						
15V	64.932	50.00	2.24	7.93	35.40	24.77	40.00	-15.23
	15V Broadband noise	60-70MHz						

COMPATIBLE ELECTRONICS

Test Location : Compatible Electronics **Page** : 1/1
Customer : Eric Eustis **Date** : 07/16/2003
Manufacturer : Strix Systems **Time** : 02:36:44 PM
Eut name : 802.11a/b/g Wireless Access Point **Lab** : F
Model : Access/one Network **Test Distance** : 10.00 Meters
Serial # :
Specification : EN 55022 Class A
Distance correction factor (20 * log(test/spec)) : 0.00
Test Mode : Clocks: 10, 25, 33.33, 42, 125MHz
Qualification temp: 35degCel humid: 43%
Test Eng: J. Madlangbayan
with Power Over Ethernet

Pol	Freq MHz	Reading dBuV	Cable loss dB	Antenna factor dB	Amplifier gain dB	Corr'd rdg = R dBuV/m	Limit = L dBuV/m	Delta R-L dB
1V	102.403	62.60	3.02	9.34	35.22	39.74	40.00	-0.26
2V	102.400Qp	60.70	3.02	9.34	35.22	37.84	40.00	-2.16
1V-2V Broadband 35MHz-151MHz								
3V	250.055	51.00	3.60	16.70	34.70	36.60	47.00	-10.40
4V	266.713	52.00	3.80	17.31	34.77	38.35	47.00	-8.65
5H	250.058	46.00	3.60	16.70	34.70	31.60	47.00	-15.40
6V	300.054	57.70	4.00	18.79	34.60	45.89	47.00	-1.11
7V	300.077Qp	56.29	4.00	18.79	34.60	44.48	47.00	-2.52
8V	333.396	44.60	4.75	15.20	34.74	29.82	47.00	-17.18
9V	350.060	54.40	5.10	15.60	34.80	40.30	47.00	-6.70
10V	400.044	60.10	4.60	15.10	34.60	45.20	47.00	-1.80
11V	400.044Qp	58.10	4.60	15.10	34.60	43.20	47.00	-3.80
12V	500.068	53.70	4.50	17.00	35.00	40.20	47.00	-6.80
13V	533.365	55.40	4.50	18.15	34.73	43.32	47.00	-3.68
14V	666.696	55.10	5.51	20.64	35.26	46.00	47.00	-1.00
15V	666.696Qp	52.84	5.51	20.64	35.26	43.74	47.00	-3.26
16V	933.390	40.80	6.07	23.47	28.67	41.67	47.00	-5.33
17H	300.059	51.50	4.00	18.79	34.60	39.69	47.00	-7.31
18H	350.063	51.20	5.10	15.61	34.80	37.10	47.00	-9.90
19H	400.064	49.30	4.60	15.10	34.60	34.40	47.00	-12.60
20H	500.087	52.80	4.50	17.00	35.00	39.30	47.00	-7.70
21H	533.371	50.20	4.50	18.15	34.73	38.12	47.00	-8.88
22H	666.704	43.50	5.51	20.65	35.26	34.40	47.00	-12.60

COMPATIBLE ELECTRONICS

Test Location	: Compatible Electronics	Page	: 1/1
Customer	: Eric Eustis	Date	: 07/22/2003
Manufacturer	: Strix Systems	Time	: 04:45:45 PM
Eut name	: 802.11a/b/g Wireless Access Point	Lab	: B
Model	: Access/one Network	Test Distance	: 3.00 Meters
Serial #	:		
Specification	: FCC_Class_B		
Distance correction factor (20 * log(test/spec))		:	0.00
Test Mode	: Clocks: 10, 25, 33.33, 42, 125MHz Qualification temp: 35degCel humid: 43% Test Engineer: Kyle Fujimoto Spurious Emissions from Digital 10 kHz to 30 MHz and above 1 GHz		

No Emissions Found in Either Polarization from 10 kHz to 30 MHz and above 1 GHz for the Digital Portion