



Test Report

Product Name : WLAN Printer Server

Model No. : WPS11, PS7100, PD507B

FCC ID.: P27970F208F4

Applicant : SerComm Corp.

Address : 10th F1., No.19-13, San Chung Road Nankang,
Taipei City, Taiwan 115, R.O.C.

Date of Receipt : Nov.23, 2001

Date of Test : Dec.05, 2001

Report No. : 01BH041FI

The Test Results relate only to the samples tested.

The test report shall not be reproduced except in full without the written approval of QuieTek Corporation.

This report must not be used to claim product endorsement by NVLAP any agency of the U.S. Government

Test Report Certification

Test Date : Dec.05, 2001

Report No. : 01BH041FI



Accredited by NIST (NVLAP)

NVLAP Lab Code: 200347-0

Product Name : WLAN Printer Server

Applicant : SerComm Corp.

Address : 10th Fl., No.19-13, San Chung Road Nankang,
Taipei City, Taiwan 115, R.O.C.

Manufacturer : BroMax Communications, Inc.

Model No. : WPS11, PS7100, PD507B

FCC ID. : P27970F208F4

Rated Voltage : AC 120V/60Hz

Trade Name : SERCOMM

Measurement Standard : FCC Part 15 Subpart C Paragraph 15.247

Measurement Procedure : ANSI C63.4:1992

Test Result : Complied



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Tested By : Vincent Lin
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TABLE OF CONTENTS

Description	Page
1. GENERAL INFORMATION.....	5
1.1. EUT Description.....	5
1.2. Operational Description	6
1.3. Tested System Details.....	7
1.4. Configuration of tested System	8
1.5. EUT Exercise Software	8
1.6. Test Facility	9
2. Conducted Emission.....	10
2.1. Test Equipment List.....	10
2.2. Test Setup	10
2.3. Limits	10
2.4. Test Procedure	11
2.5. Test Result of Conducted Emission.....	12
3. Peak Power Output	13
3.1. Test Equipment.....	14
3.2. Test Setup	14
3.3. Test Condition	14
3.4. Minimum Standard.....	14
3.5. Test Result of Peak Power Output.....	15
4. RF Exposure Evaluation.....	16
4.1. Friis Formula	16
4.2. EUT Operation condition	16
4.3. Test Result of RF Exposure Evaluation.....	17
5. Radiated Emission.....	18
5.1. Test Equipment.....	18
5.2. Test Setup	18
5.3. Test Condition	19
5.4. Limits	19
5.5. Test Procedure	20
5.6. Test Result of Radiated Emission.....	21
6. Band Edge	45
6.1. Test Equipment.....	45
6.2. Test Setup	45
6.3. Test Condition	46
6.4. Standard Requirement	46
6.5. Test Result of Band Edge	47
7. Occupied Bandwidth.....	51
7.1. Test Equipment.....	55
7.2. Test Setup	55
7.3. Test Condition	55
7.4. Standard Requirement	55
7.5. Test Result of Occupied Bandwidth	56

8.	Transmitter Power Density.....	59
8.1.	Test Equipment.....	59
8.2.	Test Setup	59
8.3.	Test Condition	59
8.4.	Standard Requirement	59
8.5.	Test Result of Transmitter Power Density.....	60
9.	Processing Gain	63
9.1.	Test Condition	63
9.2.	Minimum Standard.....	63
9.3.	Test Procedure & Result.....	63
10.	EMI Reduction Method During Compliance Testing	64
Attachment 1: EUT Test Photographs		
Attachment 2: EUT Detailed Photographs		

1. GENERAL INFORMATION

1.1. EUT Description

Product Name : WLAN Printer Server
 Trade Name : SERCOMM
 FCC ID. : P27970F208F4
 Model No. : WPS11, PS7100, PD507B
 Frequency Range : 2412MHz to 2462MHz
 Channel Number : 11
 Chip Rate : 1Mbps, 2Mbps, 5.5Mbps, 11Mbps
 Type of Modulation : Direct Sequence Spread Spectrum
 Antenna type : connector
 Operator Selection of Operating Frequency : Auto
 Power Adapter : CAUTION, MW48-1200800
 Output Cable:, Non-shielded, 1.8m

Frequency of Each Channel:

Channel	Frequency	Channel	Frequency	Channel	Frequency
Channel 1:	2412 MHz	Channel 2:	2417 MHz	Channel 3:	2422 MHz
Channel 4:	2427 MHz	Channel 5:	2432 MHz	Channel 6:	2437 MHz
Channel 7:	2442 MHz	Channel 8:	2447 MHz	Channel 9:	2452 MHz
Channel 10:	2457 MHz	Channel 11:	2462 MHz		

Note:

- This device is a 2.4GHz WLAN Printer Server . receiving function, a 2.4GHz transmitting function. Direct Sequence device with 11 channels..
- Regards to the of the different construction EUT. The model name were shown in the table following:

Model Number	Print port	Antenna Gain	Housing
WPS11	With	5dbi	Linksys
PS7100	With	2dBi & 5dBi	SerComm
PD507B	Without	2dBi & 5dBi	SerComm

WPS11 & PS7100 using the Same PCBA, and the PCBA of PD507B also PS7100 but no print port on it.

- Regards to the frequent band operation; two rate that were included the lowest, middle and highest frequency of channel were selected to perform the test, then shown on this report.
- These tests were conducted on a sample of the equipment for the purpose of demonstrating compliance with Part 15 Subpart C Paragraph 15.247 for spread spectrum devices.
- This device is a composite device in accordance with Part 15 regulations. The function receiving was measured and made a test report that the report number is 01BH041F under Declaration of Conformity.
- Quietek has verified all construction and function in typical operation. All the test modes were carried out with the EUT in normal operation, which was shown in this test report and defined as:
 Test Mode:
 Mode 1: WPS11+5dBi ; Antenna (Transmit)
 Mode 2: WPS11+2dBi ; Antenna (Transmit)

1.2. Operational Description

EUT is an WLAN Printer Server with 11 channels. This device provided four kind of transmitting speed 1,2,5.5 and 11Mbps. The device of RF carrier is DQPSK, DB PSK and CCK. The device adapts direct sequence spread spectrum modulation. The dual monopole antenna connected on PCB provides diversity function to improve the receiving function. Data can be transmitted by the radio signal connect to the Internet or Local network.

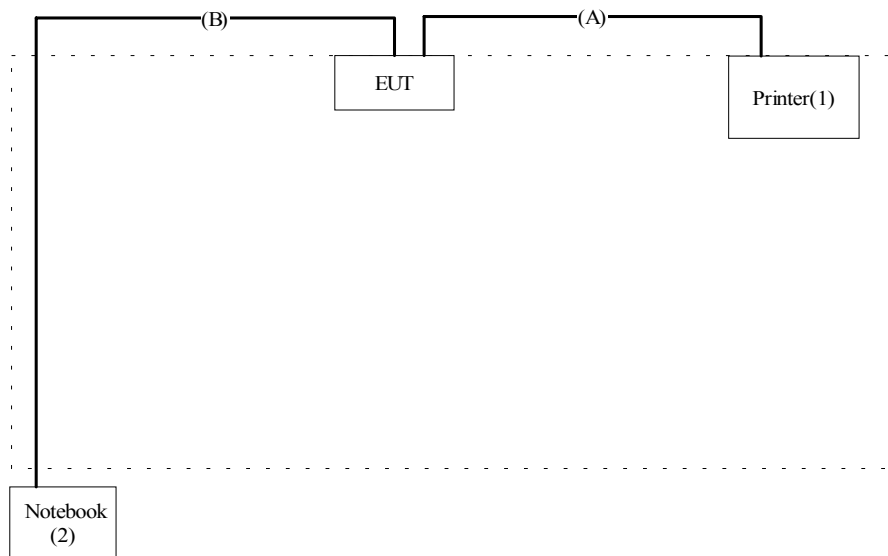
1.3. Tested System Details

The types for all equipment, plus descriptions of all cables used in the tested system (including inserted cards) are:

Product		Manufacturer	Model No.	Serial No.	Power Cord	FCC ID
(1)	Printer	HP	C2642A	MY75L1D2XN	Non-Shielded, 0.7m	B94C2642X
(2)	Notebook	IBM	Think Pad 570	27L8835	Non-shielded, 1.5m	DoC

Signal Cable Type		Signal Cable Description
A.	Printer Cable	Shielded, 1.2m.
B.	LAN Cable	Non-shielded, 3.5m.

1.4. Configuration of tested System



1.5. EUT Exercise Software

- 1.4.1 Setup the EUT and simulators as shown on 1.3.
- 1.4.2 Turn on the power of all equipment.
- 1.4.3 The EUT will transmit the radio signal from WLAN Printer Server
- 1.4.4 Repeat the above procedure 1.4.2 to 1.4.3

1.6. Test Facility

Ambient conditions in the laboratory:

Items	Required (IEC 68-1)	Actual
Temperature (°C)	15-35	20-35
Humidity (%RH)	25-75	50-65
Barometric pressure (mbar)	860-1060	950-1000

Site Description: November 3, 1998 File on
Federal Communications Commission
FCC Engineering Laboratory
7435 Oakland Mills Road
Columbia, MD 21046
Reference 31040/SIT1300F2



September 30, 1998 Accreditation on NVLAP
NVLAP Lab Code: 200347-0



Site Name: Quietek Corporation

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E-Mail: service@quietek.com

2. Conducted Emission

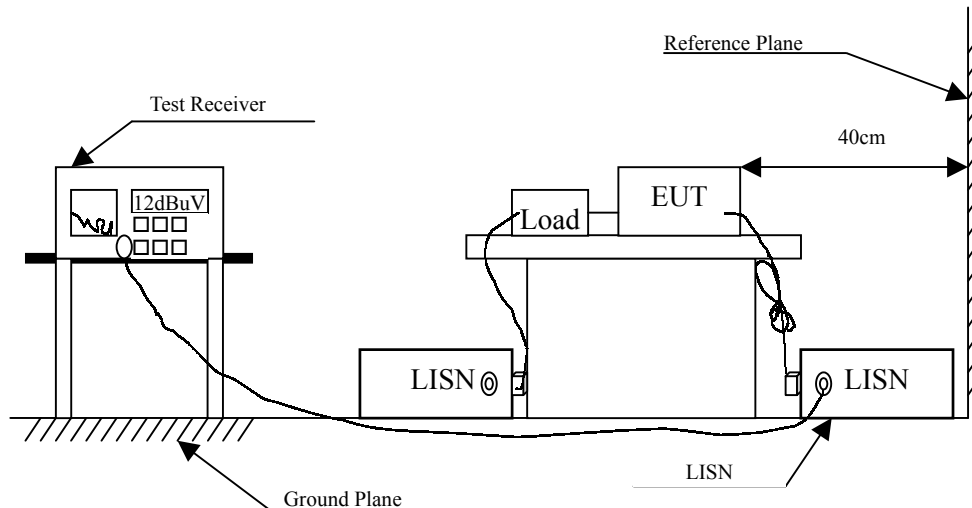
2.1. Test Equipment List

The following test equipment are used during the conducted emission test:

Item	Instrument	Manufacturer	Type No./Serial No	Last Cal.	Remark
1	Test Receiver	R & S	ESCS 30/825442/17	May, 2001	
2	L.I.S.N.	R & S	ESH3-Z5/825016/6	May, 2001	EUT
3	L.I.S.N.	Kyoritsu	KNW-407/8-1420-3	May, 2001	Peripherals
4	Pulse Limiter	R & S	ESH3-Z2	N/A	
5	No.2 Shielded Room			N/A	

Note: All equipment upon which need to calibrated are with calibration period of 1 year.

2.2. Test Setup



2.3. Limits

FCC Part 15 Paragraph 15.207 (dBuV)		
Frequency MHz	Limits	
	uV	dBuV
0.45 - 30	250	48.0

2.4. Test Procedure

The EUT and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refers to the block diagram of the test setup and photographs.)

Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.4:1992 on conducted measurement.

Conducted emissions were invested over the frequency range from 0.45MHz to 30MHz using a receiver bandwidth of 9kHz.

2.5. Test Result of Conducted Emission

Product : WLAN Printer Server
Test Item : Conducted Emission Test
Test Mode : Transmit (Mode 1)

Frequency	Cable	LISN	Reading Level	Emission Level	Limits
	Loss	Factor			
MHz	dB	dB	dBuV	dBuV	dBuV

Line 1

Quasi-Peak:

* 0.485	0.06	0.21	37.04	37.31	48.00
0.610	0.07	0.23	34.30	34.61	48.00
0.653	0.08	0.24	33.09	33.41	48.00
0.813	0.09	0.26	29.58	29.93	48.00
1.044	0.10	0.28	28.22	28.61	48.00
23.128	0.37	0.58	32.46	33.41	48.00

Line 2

Quasi-Peak:

* 0.485	0.06	0.21	38.49	38.76	48.00
0.551	0.07	0.22	37.46	37.75	48.00
0.591	0.07	0.23	36.73	37.03	48.00
0.762	0.09	0.25	31.98	32.32	48.00
0.929	0.10	0.27	30.87	31.24	48.00
23.128	0.37	0.58	31.21	32.16	48.00

Remarks :

1. All Readings below 1GHz are Quasi-Peak value.
2. “ * ” means that this data is the worst emission level.
3. Emission Level = Reading Level + LISN Factor + Cable loss

Product : WLAN Printer Server
Test Item : Conducted Emission Test
Test Mode : Transmit (Mode 2)

Frequency	Cable	LISN	Reading Level	Emission Level	Limits
MHz	Loss	Factor	dBuV	dBuV	dBuV
	dB	dB			

Line 1

Quasi-Peak:

* 0.532	0.07	0.22	35.85	36.14	48.00
0.605	0.07	0.23	34.16	34.47	48.00
0.708	0.08	0.25	31.24	31.57	48.00
0.928	0.10	0.27	29.22	29.59	48.00
1.217	0.11	0.30	23.90	24.31	48.00
23.127	0.37	0.58	32.82	33.77	48.00

Line 2

Quasi-Peak:

* 0.466	0.06	0.21	37.72	37.99	48.00
0.519	0.07	0.22	36.83	37.11	48.00
0.639	0.08	0.24	34.58	34.89	48.00
0.811	0.09	0.26	30.18	30.53	48.00
0.987	0.10	0.28	29.93	30.31	48.00
23.130	0.37	0.58	31.79	32.74	48.00

Remarks :

- 1.All Readings below 1GHz are Quasi-Peak value.
- 2.“ * ” means that this data is the worst emission level.
- 3.Emission Level = Reading Level + LISN Factor + Cable loss

3. Peak Power Output

3.1. Test Equipment

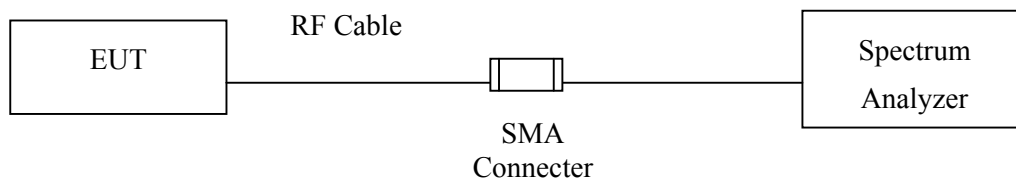
The following test equipments are used during the radiated emission tests:

	Equipment	Manufacturer	Model No./Serial No.	Last Cal.
X	Spectrum	Advantest	R3272 / 72421194	May, 2001

Note: 1. All equipment upon which need to calibrated are with calibration period of 1 year.
2. Mark "X" test instruments are used to measure the final test results.

3.2. Test Setup

Conduction Power Measurement



3.3. Test Condition

Standard Temperature and Humidity, Standard Test Voltage

3.4. Minimum Standard

The maximum peak power shall be less 1 Watt.

3.5. Test Result of Peak Power Output

Product : WLAN Printer Server
 Test Item : Peak Power Output Data
 Test Site : No.1 OATS
 Test Mode : Transmit

Data Speed: 1Mbps

Channel No.	Frequency(MHz)	Measurement	Required Limit	Result
1	2413	15.98 dBm	1 Watt= 30 dBm	Pass
6	2436	15.89 dBm	1 Watt= 30 dBm	Pass
11	2462	13.89 dBm	1 Watt= 30 dBm	Pass

Data Speed: 11Mbps

Channel No.	Frequency(MHz)	Measurement	Required Limit	Result
1	2413	15.99 dBm	1 Watt= 30 dBm	Pass
6	2436	15.88 dBm	1 Watt= 30 dBm	Pass
11	2462	13.68 dBm	1 Watt= 30 dBm	Pass

4. RF Exposure Evaluation

According to FCC 1.1310: The criteria listed in the following table shall be used to evaluate the environment impact of human exposure to radio frequency (RF) radiation as specified in 1.1307(b)

LIMITS FOR MAXIMUM PERMISSIBLE EXPOSURE (MPE)

Frequency Range (MHz)	Electric Field Strength (V/m)	Magnetic Field Strength (A/m)	Power Density (mW/cm ²)	Average Time (Minutes)
(A) Limits for Occupational/ Control Exposures				
300-1500	--	--	F/300	6
1500-100,000	--	--	5	6
(B) Limits for General Population/ Uncontrolled Exposures				
300-1500	--	--	F/1500	6
1500-100,000	--	--	1	30

F= Frequency in MHz

4.1. Friis Formula

Friis transmission formula: $P_d = (P_{out} * G) / (4 * \pi * r^2)$

Where

P_d = power density in mW/cm²

P_{out} = output power to antenna in mW

G = gain of antenna in linear scale

π = 3.1416

R = distance between observation point and center of the radiator in cm

P_d is the limit of MPE, 1 mW/cm². If we know the maximum gain of the antenna and the total power input to the antenna, through the calculation, we will know the distance r where the MPE limit is reached.

4.2. EUT Operation condition

A software provided by client enabled the EUT to transmit and receive data at lowest, middle and highest channel individually.

4.3. Test Result of RF Exposure Evaluation

Product : WLAN Printer Server
 Test Item : RF Exposure Evaluation Data
 Test Site : No.1 OATS
 Test Mode : Transmit

4.3.1 Antenna Gain

Antenna Gain: The maximum Gain measured in fully anechoic chamber is 0dBi linear scale.

4.3.2 Output Power Into Antenna & RF Exposure Evaluation Distance

Channel	Channel Frequency (MHz)	Output Power to Antenna (dBm)	Minimum Allowable Distance ® From Skin(cm)
1 (1Mbps)	2412	22.37	2.15
1 (11Mbps)	2412	22.45	3.22
6 (1Mbps)	2437	23.13	2.11
6 (11Mbps)	2437	23.27	3.18
11 (1Mbps)	2462	20.74	1.94
11 (11Mbps)	2462	20.80	2.92

The distance r (4th column) calculated from the Friis transmission formula is far shorter than 20 cm separation requirement. So, RF exposure limit warning or SAR test are not required.

5. Radiated Emission

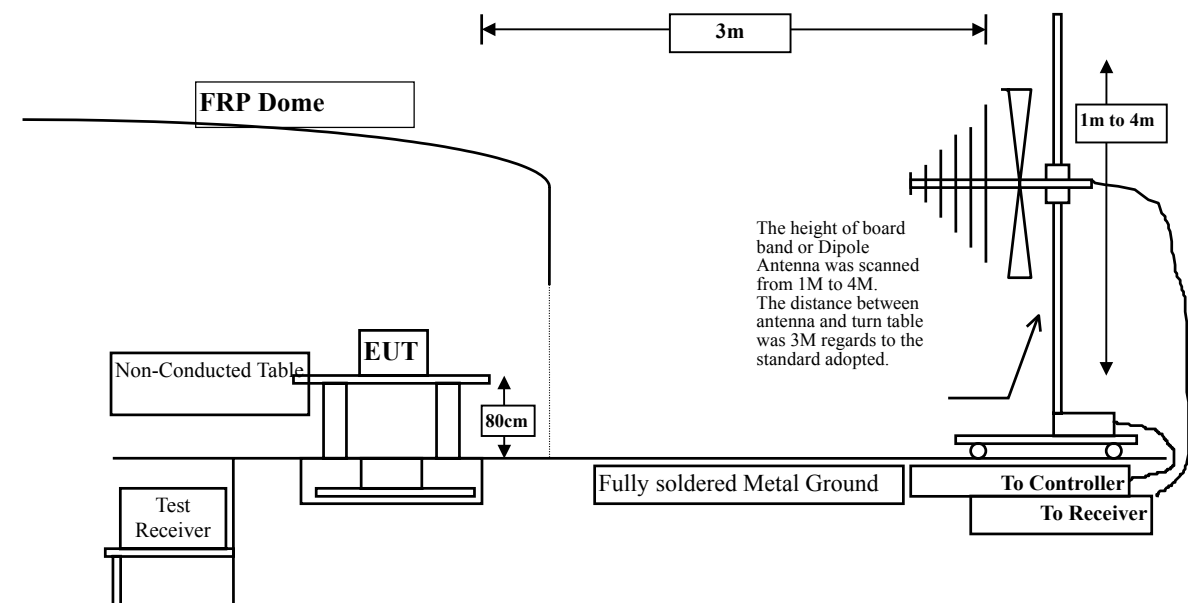
5.1. Test Equipment

The following test equipment are used during the radiated emission test:

Test Site		Equipment	Manufacturer	Model No./Serial No.	Last Cal.
Site # 1	X	Test Receiver	R & S	ESCS 30 / 825442/14	May, 2001
	X	Spectrum Analyzer	Advantest	R3261C / 71720140	May, 2001
	X	Pre-Amplifier	HP	8447D/3307A01812	May, 2001
	X	Bilog Antenna	Chase	CBL6112B / 12452	Sep., 2001
	X	Horn Antenna	EM	EM6917 / 103325	May, 2001
Site # 2		Test Receiver	R & S	ESCS 30 / 825442/17	May, 2001
		Spectrum Analyzer	Advantest	R3261C / 71720609	May, 2001
		Pre-Amplifier	HP	8447D/3307A01814	May, 2001
		Bilog Antenna	Chase	CBL6112B / 2455	Sep., 2001
		Horn Antenna	EM	EM6917 / 103325	May, 2001

- Note:
1. All equipments that need to calibrate are with calibration period of 1 year.
 2. Mark "X" test instruments are used to measure the final test results.

5.2. Test Setup



Spurious Emissions
(Band Edge Antenna Radiated)

5.3. Test Condition

Standard Temperature and Humidity, Standard Test Voltage

5.4. Limits

➤ General Radiated Emission Limits

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 20dB below the level of the fundamental or to the general radiated emission limits in paragraph 15.209, whichever is the lesser attenuation.

FCC Part 15 Subpart C Paragraph 15.209(a) Limits		
Frequency MHz	uV/m @3m	dBuV/m@3m
30-88	100	40
88-216	150	43.5
216-960	200	46
Above 960	500	54

Remarks :

1. RF Voltage (dBuV) = 20 log RF Voltage (uV)
2. In the Above Table, the tighter limit applies at the band edges.
3. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

5.5. Test Procedure

The EUT and its simulators are placed on a turn table which is 0.8 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.

Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.4:1992 on radiated measurement.

The additional latch filter below 1GHz was used to measure the level of harmonics radiated emission during field strength of harmonics measurement.

The bandwidth below 1GHz setting on the field strength meter (R&S Test Receiver ESCS 30)is 120 kHz, above 1GHz are 1 MHz.

The frequency range from 30MHz to 10th harmonics is checked.

5.6. Test Result of Radiated Emission

Product : WLAN Printer Server
 Test Item : Harmonic Radiated Emission Data
 Test Site : No.1 OATS
 Test Mode : Transmit Channel 1(Model1-1Mbps)

Freq. MHz	Cable Loss dB	Probe Factor dB/m	PreAMP dB	Reading Level dBuV	Emission Level dBuV/m	Margin dB	Limit dBuV/m
--------------	---------------------	-------------------------	--------------	--------------------------	-----------------------------	--------------	-----------------

Horizontal

Peak Detector

4823.800	6.27	33.50	0.00	19.20	58.97	15.03	74.00
7236.250	8.32	36.24	0.00	17.74	<62.30	11.70	74.00
9647.750	10.18	37.43	0.00	17.32	<64.93	9.07	74.00

Average Detector

4823.900	6.27	33.50	0.00	6.26	46.03	7.97	54.00
7236.350	8.32	36.24	0.00	5.01	<49.57	4.43	54.00
9647.850	10.18	37.43	0.00	5.10	<52.71	1.29	54.00

Vertical

Peak Detector

4823.800	6.27	33.50	0.00	19.20	58.97	15.03	74.00
7236.350	8.32	36.24	0.00	17.31	<61.87	12.13	74.00
9647.940	10.18	37.43	0.00	17.62	<65.23	8.77	74.00

Average Detector

4824.050	6.27	33.50	0.00	6.26	46.03	7.97	54.00
7236.500	8.32	36.24	0.00	5.03	<49.59	4.41	54.00
9648.350	10.18	37.43	0.00	5.02	<52.63	1.37	54.00

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. Emission Level = Reading Level + Probe Factor + Cable loss
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : WLAN Printer Server
 Test Item : Harmonic Radiated Emission Data
 Test Site : No.1 OATS
 Test Mode : Transmit Channel 6(Mode1-1Mbps)

Freq. MHz	Cable Loss dB	Probe Factor dB/m	PreAMP dB	Reading Level dBuV	Emission Level dBuV/m	Margin dB	Limit dBuV/m
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Horizontal

Peak Detector

4875.710	6.32	33.56	0.00	18.27	58.15	15.85	74.00
7310.600	8.38	36.31	0.00	17.93	<62.61	11.39	74.00
9747.600	10.24	37.45	0.00	18.25	<65.94	8.06	74.00

Average Detector

4874.800	6.32	33.56	0.00	6.10	45.98	8.02	54.00
7312.100	8.38	36.31	0.00	5.01	<49.69	4.31	54.00
9748.700	10.24	37.45	0.00	5.11	<52.80	1.20	54.00

Vertical

Peak Detector

4875.340	6.32	33.56	0.00	17.44	57.32	16.68	74.00
7311.040	8.38	36.31	0.00	17.81	<62.49	11.51	74.00
9747.840	10.24	37.45	0.00	17.92	<65.61	8.39	74.00

Average Detector

4874.740	6.32	33.56	0.00	5.80	45.68	8.32	54.00
7312.140	8.38	36.31	0.00	4.85	<49.53	4.47	54.00
9748.240	10.24	37.45	0.00	4.94	<52.63	1.37	54.00

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. Emission Level = Reading Level + Probe Factor + Cable loss
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : WLAN Printer Server
 Test Item : Harmonic Radiated Emission Data
 Test Site : No.1 OATS
 Test Mode : Transmit Channel 11(Mode1-1Mbps)

Freq. MHz	Cable Loss dB	Probe Factor dB/m	PreAMP dB	Reading Level dBuV	Emission Level dBuV/m	Margin dB	Limit dBuV/m
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Horizontal

Peak Detector

4926.500	6.37	33.62	0.00	18.84	58.83	15.17	74.00
7388.850	8.45	36.39	0.00	17.48	<62.32	11.68	74.00
9851.650	10.33	37.47	0.00	17.85	<65.65	8.35	74.00

Average Detector

4927.150	6.37	33.62	0.00	6.00	45.99	8.01	54.00
7389.250	8.45	36.39	0.00	5.12	<49.96	4.04	54.00
9851.900	10.33	37.47	0.00	5.02	<52.82	1.18	54.00

Vertical

Peak Detector

4926.300	6.37	33.62	0.00	18.64	58.63	15.37	74.00
7388.340	8.45	36.39	0.00	17.86	<62.70	11.30	74.00
9851.420	10.33	37.47	0.00	18.22	<66.02	7.98	74.00

Average Detector

4927.450	6.37	33.62	0.00	5.70	45.69	8.31	54.00
7389.630	8.45	36.39	0.00	4.80	<49.64	4.36	54.00
9851.200	10.33	37.47	0.00	5.04	<52.84	1.16	54.00

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. Emission Level = Reading Level + Probe Factor + Cable loss
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : WLAN Printer Server
 Test Item : Harmonic Radiated Emission Data
 Test Site : No.1 OATS
 Test Mode : Transmit Channel 1(Model1-11Mbps)

Freq. MHz	Cable Loss dB	Probe Factor dB/m	PreAMP dB	Reading Level dBuV	Emission Level dBuV/m	Margin dB	Limit dBuV/m
--------------	---------------------	-------------------------	--------------	--------------------------	-----------------------------	--------------	-----------------

Horizontal

Peak Detector

4823.740	6.27	33.50	0.00	18.76	58.53	15.47	74.00
7236.750	8.32	36.24	0.00	17.78	<62.34	11.66	74.00
9648.750	10.18	37.43	0.00	17.51	<65.12	8.88	74.00

Average Detector

4823.340	6.27	33.50	0.00	6.34	46.11	7.89	54.00
7236.500	8.32	36.24	0.00	4.92	<49.48	4.52	54.00
9648.450	10.18	37.43	0.00	5.01	<52.62	1.38	54.00

Vertical

Peak Detector

4823.310	6.27	33.50	0.00	18.90	58.67	15.33	74.00
7236.540	8.32	36.24	0.00	17.07	<61.63	12.37	74.00
9648.350	10.18	37.43	0.00	17.61	<65.22	8.78	74.00

Average Detector

4823.420	6.27	33.50	0.00	6.13	45.90	8.10	54.00
7236.140	8.32	36.24	0.00	4.91	<49.47	4.53	54.00
9648.540	10.18	37.43	0.00	5.00	<52.61	1.39	54.00

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. Emission Level = Reading Level + Probe Factor + Cable loss
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : WLAN Printer Server
Test Item : Harmonic Radiated Emission Data
Test Site : No.1 OATS
Test Mode : Transmit Channel 6(Model-11Mbps)

Freq. MHz	Cable Loss dB	Probe Factor dB/m	PreAMP dB	Reading Level dBuV	Emission Level dBuV/m	Margin dB	Limit dBuV/m
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Horizontal

Peak Detector

4875.240	6.32	33.56	0.00	18.17	58.05	15.95	74.00
7310.200	8.38	36.31	0.00	18.14	<62.82	11.18	74.00
9746.900	10.24	37.45	0.00	17.86	<65.55	8.45	74.00

Average Detector

4874.200	6.32	33.56	0.00	6.20	46.08	7.92	54.00
7312.600	8.38	36.31	0.00	5.12	<49.80	4.20	54.00
9748.300	10.24	37.45	0.00	4.74	<52.43	1.57	54.00

Vertical

Peak Detector

4875.210	6.32	33.56	0.00	17.62	57.50	16.50	74.00
7311.240	8.38	36.31	0.00	17.96	<62.64	11.36	74.00
9747.340	10.24	37.45	0.00	18.04	<65.73	8.27	74.00

Average Detector

4874.280	6.32	33.56	0.00	5.80	45.68	8.32	54.00
7313.260	8.38	36.31	0.00	5.12	<49.80	4.20	54.00
9748.660	10.24	37.45	0.00	4.70	<52.39	1.61	54.00

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. Emission Level = Reading Level + Probe Factor + Cable loss
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : WLAN Printer Server
 Test Item : Harmonic Radiated Emission Data
 Test Site : No.1 OATS
 Test Mode : Transmit Channel 11(Mode1-11Mbps)

Freq. MHz	Cable Loss dB	Probe Factor dB/m	PreAMP dB	Reading Level dBuV	Emission Level dBuV/m	Margin dB	Limit dBuV/m
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Horizontal

Peak Detector

4926.400	6.37	33.62	0.00	19.14	59.13	14.87	74.00
7388.140	8.45	36.39	0.00	17.74	<62.58	11.42	74.00
9851.410	10.33	37.47	0.00	17.74	<65.54	8.46	74.00

Average Detector

4927.110	6.37	33.62	0.00	5.90	45.89	8.11	54.00
7389.640	8.45	36.39	0.00	4.74	<49.58	4.42	54.00
9852.400	10.33	37.47	0.00	5.02	<52.82	1.18	54.00

Vertical

Peak Detector

4926.200	6.37	33.62	0.00	18.92	58.91	15.09	74.00
7388.460	8.45	36.39	0.00	18.15	<62.99	11.01	74.00
9851.240	10.33	37.47	0.00	17.87	<65.67	8.33	74.00

Average Detector

4927.100	6.37	33.62	0.00	5.80	45.79	8.21	54.00
7389.240	8.45	36.39	0.00	4.60	<49.44	4.56	54.00
9851.600	10.33	37.47	0.00	5.03	<52.83	1.17	54.00

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. Emission Level = Reading Level + Probe Factor + Cable loss
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : WLAN Printer Server
Test Item : Harmonic Radiated Emission Data
Test Site : No.1 OATS
Test Mode : Transmit Channel 1(Mode2-1Mbps)

Freq. MHz	Cable Loss dB	Probe Factor dB/m	PreAMP dB	Reading Level dBuV	Emission Level dBuV/m	Margin dB	Limit dBuV/m
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Horizontal

Peak Detector

4823.500	6.27	33.50	0.00	18.96	58.73	15.27	74.00
7236.220	8.32	36.24	0.00	17.28	<61.84	12.16	74.00
9648.100	10.18	37.43	0.00	17.21	<64.82	9.18	74.00

Average Detector

4823.570	6.27	33.50	0.00	6.12	45.89	8.11	54.00
7236.350	8.32	36.24	0.00	5.20	<49.76	4.24	54.00
9647.850	10.18	37.43	0.00	4.95	<52.56	1.44	54.00

Vertical

Peak Detector

4823.250	6.27	33.50	0.00	19.20	58.97	15.03	74.00
7236.350	8.32	36.24	0.00	17.42	<61.98	12.02	74.00
9647.570	10.18	37.43	0.00	17.17	<64.78	9.22	74.00

Average Detector

4824.350	6.27	33.50	0.00	6.12	45.89	8.11	54.00
7236.900	8.32	36.24	0.00	5.36	<49.92	4.08	54.00
9648.050	10.18	37.43	0.00	5.00	<52.61	1.39	54.00

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. Emission Level = Reading Level + Probe Factor + Cable loss
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : WLAN Printer Server
Test Item : Harmonic Radiated Emission Data
Test Site : No.1 OATS
Test Mode : Transmit Channel 6(Mode2-1Mbps)

Freq. MHz	Cable Loss dB	Probe Factor dB/m	PreAMP dB	Reading Level dBuV	Emission Level dBuV/m	Margin dB	Limit dBuV/m
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Horizontal

Peak Detector

4874.240	6.32	33.56	0.00	18.21	58.09	15.91	74.00
7311.200	8.38	36.31	0.00	17.36	<62.04	11.96	74.00
9745.900	10.24	37.45	0.00	18.35	<66.04	7.96	74.00

Average Detector

4874.500	6.32	33.56	0.00	6.50	46.38	7.62	54.00
7312.100	8.38	36.31	0.00	5.09	<49.77	4.23	54.00
9748.200	10.24	37.45	0.00	5.00	<52.69	1.31	54.00

Vertical

Peak Detector

4875.200	6.32	33.56	0.00	17.85	57.73	16.27	74.00
7311.060	8.38	36.31	0.00	17.28	<61.96	12.04	74.00
9747.256	10.24	37.45	0.00	17.54	<65.23	8.77	74.00

Average Detector

4874.410	6.32	33.56	0.00	5.90	45.78	8.22	54.00
7312.660	8.38	36.31	0.00	4.95	<49.63	4.37	54.00
9748.200	10.24	37.45	0.00	4.85	<52.54	1.46	54.00

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. Emission Level = Reading Level + Probe Factor + Cable loss
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : WLAN Printer Server
 Test Item : Harmonic Radiated Emission Data
 Test Site : No.1 OATS
 Test Mode : Transmit Channel 11(Mode2-1Mbps)

Freq. MHz	Cable Loss dB	Probe Factor dB/m	PreAMP dB	Reading Level dBuV	Emission Level dBuV/m	Margin dB	Limit dBuV/m
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Horizontal

Peak Detector

4926.200	6.37	33.62	0.00	18.89	58.88	15.12	74.00
7388.250	8.45	36.39	0.00	18.65	<63.49	10.51	74.00
9851.620	10.33	37.47	0.00	17.42	<65.22	8.78	74.00

Average Detector

4927.690	6.37	33.62	0.00	6.00	45.99	8.01	54.00
7389.450	8.45	36.39	0.00	5.23	<50.07	3.93	54.00
9851.900	10.33	37.47	0.00	4.99	<52.79	1.21	54.00

Vertical

Peak Detector

4926.800	6.37	33.62	0.00	18.45	58.44	15.56	74.00
7388.260	8.45	36.39	0.00	17.85	<62.69	11.31	74.00
9851.360	10.33	37.47	0.00	18.54	<66.34	7.66	74.00

Average Detector

4927.650	6.37	33.62	0.00	5.90	45.89	8.11	54.00
7388.120	8.45	36.39	0.00	4.96	<49.80	4.20	54.00
9851.600	10.33	37.47	0.00	5.01	<52.81	1.19	54.00

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. Emission Level = Reading Level + Probe Factor + Cable loss
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : WLAN Printer Server
Test Item : Harmonic Radiated Emission Data
Test Site : No.1 OATS
Test Mode : Transmit Channel 1(Mode2-11Mbps)

Freq. MHz	Cable Loss dB	Probe Factor dB/m	PreAMP dB	Reading Level dBuV	Emission Level dBuV/m	Margin dB	Limit dBuV/m
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Horizontal

Peak Detector

4824.100	6.27	33.50	0.00	18.65	58.42	15.58	74.00
7236.250	8.32	36.24	0.00	18.54	<63.10	10.90	74.00
9647.030	10.18	37.43	0.00	17.95	<65.56	8.44	74.00

Average Detector

4823.250	6.27	33.50	0.00	6.39	46.16	7.84	54.00
7236.030	8.32	36.24	0.00	5.20	<49.76	4.24	54.00
9648.240	10.18	37.43	0.00	4.95	<52.56	1.44	54.00

Vertical

Peak Detector

4823.360	6.27	33.50	0.00	19.59	59.36	14.64	74.00
7236.520	8.32	36.24	0.00	17.15	<61.71	12.29	74.00
9648.330	10.18	37.43	0.00	17.52	<65.13	8.87	74.00

Average Detector

4823.650	6.27	33.50	0.00	6.32	46.09	7.91	54.00
7236.250	8.32	36.24	0.00	4.26	<48.82	5.18	54.00
9648.260	10.18	37.43	0.00	5.00	<52.61	1.39	54.00

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. Emission Level = Reading Level + Probe Factor + Cable loss
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : WLAN Printer Server
 Test Item : Harmonic Radiated Emission Data
 Test Site : No.1 OATS
 Test Mode : Transmit Channel 6(Mode2-11Mbps)

Freq. MHz	Cable Loss dB	Probe Factor dB/m	PreAMP dB	Reading Level dBuV	Emission Level dBuV/m	Margin dB	Limit dBuV/m
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Horizontal

Peak Detector

4875.600	6.32	33.56	0.00	18.24	58.12	15.88	74.00
7310.250	8.38	36.31	0.00	18.20	<62.88	11.12	74.00
9741.300	10.24	37.45	0.00	17.66	<65.35	8.65	74.00

Average Detector

4874.260	6.32	33.56	0.00	6.30	46.18	7.82	54.00
7312.200	8.38	36.31	0.00	5.23	<49.91	4.09	54.00
9748.020	10.24	37.45	0.00	4.93	<52.62	1.38	54.00

Vertical

Peak Detector

4875.650	6.32	33.56	0.00	17.96	57.84	16.16	74.00
7311.250	8.38	36.31	0.00	17.69	<62.37	11.63	74.00
9748.020	10.24	37.45	0.00	17.65	<65.34	8.66	74.00

Average Detector

4874.220	6.32	33.56	0.00	5.70	45.58	8.42	54.00
7313.220	8.38	36.31	0.00	5.32	<50.00	4.00	54.00
9748.230	10.24	37.45	0.00	4.85	<52.54	1.46	54.00

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. Emission Level = Reading Level + Probe Factor + Cable loss
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : WLAN Printer Server
Test Item : Harmonic Radiated Emission Data
Test Site : No.1 OATS
Test Mode : Transmit Channel 11(Mode2-11Mbps)

Freq. MHz	Cable Loss dB	Probe Factor dB/m	PreAMP dB	Reading Level dBuV	Emission Level dBuV/m	Margin dB	Limit dBuV/m
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Horizontal

Peak Detector

4925.690	6.37	33.62	0.00	18.96	58.95	15.05	74.00
7388.250	8.45	36.39	0.00	17.58	<62.42	11.58	74.00
9851.960	10.33	37.47	0.00	17.57	<65.37	8.63	74.00

Average Detector

4927.250	6.37	33.62	0.00	5.80	45.79	8.21	54.00
7389.250	8.45	36.39	0.00	4.85	<49.69	4.31	54.00
9852.140	10.33	37.47	0.00	5.10	<52.90	1.10	54.00

Vertical

Peak Detector

4926.630	6.37	33.62	0.00	18.45	58.44	15.56	74.00
7388.250	8.45	36.39	0.00	17.95	<62.79	11.21	74.00
9851.220	10.33	37.47	0.00	17.85	<65.65	8.35	74.00

Average Detector

4927.580	6.37	33.62	0.00	5.69	45.68	8.32	54.00
7389.210	8.45	36.39	0.00	5.02	<49.86	4.14	54.00
9851.360	10.33	37.47	0.00	4.91	<52.71	1.29	54.00

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. Emission Level = Reading Level + Probe Factor + Cable loss
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : WLAN Printer Server
 Test Item : General Radiated Emission Data
 Test Site : No.1 OATS
 Test Mode : Transmit Channel 1(Model1-1Mbps)

Freq. MHz	Cable Loss dB	Probe Factor dB/m	PreAMP dB	Reading Level dBuV	Emission Level dBuV/m	Margin dB	Limit dBuV/m
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Horizontal:

41.500	1.26	11.91	0.00	9.80	22.97	17.03	40.00
*125.000	2.07	12.96	0.00	19.37	34.40	9.10	43.50
150.000	2.31	11.96	0.00	14.89	29.16	14.34	43.50
175.000	2.55	10.36	0.00	10.25	23.16	20.34	43.50
200.000	2.78	10.14	0.00	12.35	25.27	18.23	43.50
250.000	3.27	12.97	0.00	13.54	29.78	16.22	46.00
352.000	4.02	15.58	0.00	10.98	30.59	15.41	46.00
500.000	4.79	17.96	0.00	6.54	29.29	16.71	46.00

Vertical:

73.145	1.56	8.53	0.00	11.25	21.34	18.66	40.00
*125.000	2.07	11.79	0.00	28.14	42.00	1.50	43.50
150.000	2.31	10.38	0.00	18.98	31.67	11.83	43.50
175.000	2.55	7.76	0.00	15.26	25.57	17.93	43.50
200.000	2.78	9.65	0.00	16.79	29.23	14.27	43.50
225.000	3.03	11.55	0.00	15.50	30.08	15.92	46.00
375.000	4.14	15.54	0.00	17.50	37.18	8.82	46.00
440.000	4.48	16.34	0.00	14.56	35.38	10.62	46.00

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Probe Factor + Cable loss.

Product : WLAN Printer Server
 Test Item : General Radiated Emission Data
 Test Site : No.1 OATS
 Test Mode : Transmit Channel 6(Model1-1Mbps)

Freq. MHz	Cable Loss dB	Probe Factor dB/m	PreAMP dB	Reading Level dBuV	Emission Level dBuV/m	Margin dB	Limit dBuV/m
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Horizontal:

53.450	1.37	6.17	0.00	5.80	13.34	26.66	40.00
125.000	2.07	12.96	0.00	18.52	33.55	9.95	43.50
150.000	2.31	11.96	0.00	14.00	28.27	15.23	43.50
175.000	2.55	10.36	0.00	10.23	23.14	20.36	43.50
200.000	2.78	10.14	0.00	10.58	23.50	20.00	43.50
225.000	3.03	10.82	0.00	10.65	24.50	21.50	46.00
250.000	3.27	12.97	0.00	14.12	30.36	15.64	46.00
*425.000	4.40	17.02	0.00	15.24	36.66	9.34	46.00

Vertical:

74.680	1.58	9.80	0.00	-0.18	11.20	28.80	40.00
*125.000	2.07	11.79	0.00	28.59	42.45	1.05	43.50
150.000	2.31	10.38	0.00	18.90	31.59	11.91	43.50
175.000	2.55	7.76	0.00	15.64	25.95	17.55	43.50
200.000	2.78	9.65	0.00	17.14	29.58	13.92	43.50
225.000	3.03	11.55	0.00	17.45	32.03	13.97	46.00
375.000	4.14	15.54	0.00	17.51	37.19	8.81	46.00
440.000	4.48	16.34	0.00	14.25	35.07	10.93	46.00

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Probe Factor + Cable loss.

Product : WLAN Printer Server
Test Item : General Radiated Emission Data
Test Site : No.1 OATS
Test Mode : Transmit Channel 11(Mode1-1Mbps)

Freq. MHz	Cable Loss dB	Probe Factor dB/m	PreAMP dB	Reading Level dBuV	Emission Level dBuV/m	Margin dB	Limit dBuV/m
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Horizontal:

125.000	2.07	12.96	0.00	18.18	33.21	10.29	43.50
150.000	2.31	11.96	0.00	16.54	30.81	12.69	43.50
175.000	2.55	10.36	0.00	14.89	27.80	15.70	43.50
200.000	2.78	10.14	0.00	12.56	25.48	18.02	43.50
250.000	3.27	12.97	0.00	13.89	30.13	15.87	46.00
*425.000	4.40	17.02	0.00	15.00	36.42	9.58	46.00
440.000	4.48	17.01	0.00	13.25	34.74	11.26	46.00

Vertical:

*125.000	2.07	11.79	0.00	28.31	42.17	1.33	43.50
150.000	2.31	10.38	0.00	18.56	31.25	12.25	43.50
175.000	2.55	7.76	0.00	14.68	24.99	18.51	43.50
200.000	2.78	9.65	0.00	17.80	30.24	13.26	43.50
225.000	3.03	11.55	0.00	17.45	32.03	13.97	46.00
375.000	4.14	15.54	0.00	17.45	37.13	8.87	46.00
440.000	4.48	16.34	0.00	15.40	36.22	9.78	46.00

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Probe Factor + Cable loss.

Product : WLAN Printer Server
Test Item : General Radiated Emission Data
Test Site : No.1 OATS
Test Mode : Transmit Channel 1(Mode1-11Mbps)

Freq.	Cable	Probe	PreAMP	Reading	Emission	Margin	Limit
MHz	Loss	Factor	dB	Level	Level	dB	dBuV/m
	dB	dB/m		dBuV	dBuV/m		

Horizontal:

35.500	1.21	15.07	0.00	7.13	23.40	16.60	40.00
55.500	1.39	6.04	0.00	3.61	11.04	28.96	40.00
125.000	2.07	12.96	0.00	19.19	34.22	9.28	43.50
150.000	2.31	11.96	0.00	15.11	29.38	14.12	43.50
175.000	2.55	10.36	0.00	9.82	22.73	20.77	43.50
200.000	2.78	10.14	0.00	11.28	24.20	19.30	43.50
225.000	3.03	10.82	0.00	10.84	24.69	21.31	46.00
250.000	3.27	12.97	0.00	14.32	30.56	15.44	46.00
264.000	3.40	13.41	0.00	14.68	31.49	14.51	46.00
300.000	3.76	13.53	0.00	8.77	26.05	19.95	46.00
352.000	4.02	15.58	0.00	11.02	30.63	15.37	46.00
* 425.000	4.40	17.02	0.00	16.02	37.44	8.56	46.00
440.000	4.48	17.01	0.00	14.23	35.72	10.28	46.00
500.000	4.79	17.96	0.00	5.09	27.84	18.16	46.00

Vertical:

38.500	1.23	11.74	0.00	8.08	21.06	18.94	40.00
73.500	1.57	9.40	0.00	10.39	21.36	18.64	40.00
*125.000	2.07	11.79	0.00	28.52	42.38	1.12	43.50
150.000	2.31	10.38	0.00	19.41	32.10	11.40	43.50
175.000	2.55	7.76	0.00	14.51	24.82	18.68	43.50
200.000	2.78	9.65	0.00	17.14	29.58	13.92	43.50
225.000	3.03	11.55	0.00	16.54	31.12	14.88	46.00
250.000	3.27	13.32	0.00	13.57	30.16	15.84	46.00
352.000	4.02	15.44	0.00	11.04	30.50	15.50	46.00
375.000	4.14	15.54	0.00	18.11	37.79	8.21	46.00
407.000	4.31	17.04	0.00	12.39	33.74	12.26	46.00
440.000	4.48	16.34	0.00	15.08	35.90	10.10	46.00
500.000	4.79	17.60	0.00	7.08	29.47	16.53	46.00

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Probe Factor + Cable loss.

Product : WLAN Printer Server
Test Item : General Radiated Emission Data
Test Site : No.1 OATS
Test Mode : Transmit Channel 6(Mode1-11Mbps)

Freq.	Cable	Probe	PreAMP	Reading	Emission	Margin	Limit
MHz	Loss	Factor	dB	Level	Level	dB	dBuV/m
	dB	dB/m		dBuV	dBuV/m		

Horizontal:

125.000	2.07	12.96	0.00	18.34	33.37	10.13	43.50
150.000	2.31	11.96	0.00	15.86	30.13	13.37	43.50
175.000	2.55	10.36	0.00	10.56	23.47	20.03	43.50
200.000	2.78	10.14	0.00	12.35	25.27	18.23	43.50
225.000	3.03	10.82	0.00	11.45	25.30	20.70	46.00
264.000	3.40	13.41	0.00	14.80	31.61	14.39	46.00
* 425.000	4.40	17.02	0.00	16.56	37.98	8.02	46.00

Vertical:

*125.000	2.07	11.79	0.00	28.51	42.37	1.13	43.50
150.000	2.31	10.38	0.00	20.31	33.00	10.50	43.50
175.000	2.55	7.76	0.00	15.40	25.71	17.79	43.50
200.000	2.78	9.65	0.00	18.51	30.95	12.55	43.50
225.000	3.03	11.55	0.00	16.57	31.15	14.85	46.00
375.000	4.14	15.54	0.00	16.75	36.43	9.57	46.00
440.000	4.48	16.34	0.00	16.56	37.38	8.62	46.00

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Probe Factor + Cable loss.

Product : WLAN Printer Server
 Test Item : General Radiated Emission Data
 Test Site : No.1 OATS
 Test Mode : Transmit Channel 11(Mode1-11Mbps)

Freq. MHz	Cable Loss dB	Probe Factor dB/m	PreAMP dB	Reading Level dBuV	Emission Level dBuV/m	Margin dB	Limit dBuV/m
Horizontal:							
35.500	1.21	15.07	0.00	7.13	23.40	16.60	40.00
55.500	1.39	6.04	0.00	3.61	11.04	28.96	40.00
*125.000	2.07	12.96	0.00	24.60	39.63	3.87	43.50
150.000	2.31	11.96	0.00	15.11	29.38	14.12	43.50
175.000	2.55	10.36	0.00	9.82	22.73	20.77	43.50
200.000	2.78	10.14	0.00	11.28	24.20	19.30	43.50
225.000	3.03	10.82	0.00	10.84	24.69	21.31	46.00
250.000	3.27	12.97	0.00	14.32	30.56	15.44	46.00
264.000	3.40	13.41	0.00	14.68	31.49	14.51	46.00
300.000	3.76	13.53	0.00	8.77	26.05	19.95	46.00
352.000	4.02	15.58	0.00	11.02	30.63	15.37	46.00
425.000	4.40	17.02	0.00	16.02	37.44	8.56	46.00
440.000	4.48	17.01	0.00	14.23	35.72	10.28	46.00
500.000	4.79	17.96	0.00	5.09	27.84	18.16	46.00

Vertical:							
38.500	1.23	11.74	0.00	8.08	21.06	18.94	40.00
73.500	1.57	9.40	0.00	10.39	21.36	18.64	40.00
*125.000	2.07	11.79	0.00	28.59	42.45	1.05	43.50
150.000	2.31	10.38	0.00	19.41	32.10	11.40	43.50
175.000	2.55	7.76	0.00	14.51	24.82	18.68	43.50
200.000	2.78	9.65	0.00	17.14	29.58	13.92	43.50
225.000	3.03	11.55	0.00	16.54	31.12	14.88	46.00
250.000	3.27	13.32	0.00	13.57	30.16	15.84	46.00
352.000	4.02	15.44	0.00	11.04	30.50	15.50	46.00
375.000	4.14	15.54	0.00	18.11	37.79	8.21	46.00
407.000	4.31	17.04	0.00	12.39	33.74	12.26	46.00
440.000	4.48	16.34	0.00	15.08	35.90	10.10	46.00
500.000	4.79	17.60	0.00	7.08	29.47	16.53	46.00

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Probe Factor + Cable loss.

Product : WLAN Printer Server
Test Item : General Radiated Emission Data
Test Site : No.1 OATS
Test Mode : Transmit Channel 1(Mode 2-1Mbps)

Freq.	Cable	Probe	PreAMP	Reading	Emission	Margin Limit	
MHz	Loss	Factor	dB	Level	Level	dB	dBuV/m
	dB	dB/m		dBuV	dBuV/m		

Horizontal:

42.500	1.27	11.31	0.00	10.35	22.93	17.07	40.00
*125.000	2.07	12.96	0.00	19.23	34.26	9.24	43.50
150.000	2.31	11.96	0.00	15.23	29.50	14.00	43.50
175.000	2.55	10.36	0.00	12.35	25.26	18.24	43.50
200.000	2.78	10.14	0.00	12.35	25.27	18.23	43.50
250.000	3.27	12.97	0.00	14.35	30.59	15.41	46.00
352.000	4.02	15.58	0.00	11.35	30.96	15.04	46.00

Vertical:

79.500	1.63	9.44	0.00	12.35	23.42	16.58	40.00
*125.000	2.07	11.79	0.00	28.01	41.87	1.63	43.50
150.000	2.31	10.38	0.00	18.98	31.67	11.83	43.50
175.000	2.55	7.76	0.00	16.35	26.66	16.84	43.50
200.000	2.78	9.65	0.00	17.56	30.00	13.50	43.50
250.000	3.27	13.32	0.00	17.58	34.17	11.83	46.00
375.000	4.14	15.54	0.00	18.56	38.24	7.76	46.00

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Probe Factor + Cable loss.

Product : WLAN Printer Server
 Test Item : General Radiated Emission Data
 Test Site : No.1 OATS
 Test Mode : Transmit Channel 6(Mode 2-1Mbps)

Freq.	Cable	Probe	PreAMP	Reading	Emission	Margin Limit	
MHz	Loss	Factor	dB	Level	Level	dB	dBuV/m
	dB	dB/m		dBuV	dBuV/m		

Horizontal:

73.540	1.57	8.43	0.00	6.58	16.58	23.42	40.00
125.000	2.07	12.96	0.00	17.98	33.01	10.49	43.50
150.000	2.31	11.96	0.00	15.24	29.51	13.99	43.50
175.000	2.55	10.36	0.00	12.35	25.26	18.24	43.50
200.000	2.78	10.14	0.00	12.38	25.30	18.20	43.50
225.000	3.03	10.82	0.00	11.68	25.53	20.47	46.00
*425.000	4.40	17.02	0.00	14.68	36.10	9.90	46.00

Vertical:

49.500	1.34	8.47	0.00	10.87	20.68	19.32	40.00
*125.000	2.07	11.79	0.00	27.54	41.40	2.10	43.50
150.000	2.31	10.38	0.00	17.58	30.27	13.23	43.50
175.000	2.55	7.76	0.00	16.54	26.85	16.65	43.50
200.000	2.78	9.65	0.00	18.57	31.01	12.49	43.50
225.000	3.03	11.55	0.00	18.50	33.08	12.92	46.00
375.000	4.14	15.54	0.00	10.35	30.03	15.97	46.00
440.000	4.48	16.34	0.00	14.30	35.12	10.88	46.00

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Probe Factor + Cable loss.

Product : WLAN Printer Server
Test Item : General Radiated Emission Data
Test Site : No.1 OATS
Test Mode : Transmit Channel 11(Mode 2-1Mbps)

Freq.	Cable	Probe	PreAMP	Reading	Emission	Margin Limit	
MHz	Loss	Factor	dB	Level	Level	dB	dBuV/m
	dB	dB/m		dBuV	dBuV/m		

Horizontal:

*125.000	2.07	12.96	0.00	19.57	34.60	8.90	43.50
150.000	2.31	11.96	0.00	17.12	31.39	12.11	43.50
175.000	2.55	10.36	0.00	15.14	28.05	15.45	43.50
200.000	2.78	10.14	0.00	12.20	25.12	18.38	43.50
225.000	3.03	10.82	0.00	18.30	32.15	13.85	46.00
440.000	4.48	17.01	0.00	14.25	35.74	10.26	46.00

Vertical:

*125.000	2.07	11.79	0.00	28.14	42.00	1.50	43.50
150.000	2.31	10.38	0.00	18.90	31.59	11.91	43.50
175.000	2.55	7.76	0.00	15.68	25.99	17.51	43.50
200.000	2.78	9.65	0.00	18.56	31.00	12.50	43.50
225.000	3.03	11.55	0.00	18.40	32.98	13.02	46.00
250.000	3.27	13.32	0.00	19.50	36.09	9.91	46.00
375.000	4.14	15.54	0.00	16.23	35.91	10.09	46.00

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Probe Factor + Cable loss.

Product : WLAN Printer Server
Test Item : General Radiated Emission Data
Test Site : No.1 OATS
Test Mode : Transmit Channel 1(Mode 2-11Mbps)

Freq.	Cable	Probe	PreAMP	Reading	Emission	Margin	Limit
MHz	Loss	Factor	dB	Level	Level	dB	dBuV/m
	dB	dB/m		dBuV	dBuV/m		

Horizontal:

56.500	1.40	5.94	0.00	5.89	13.23	26.77	40.00
125.000	2.07	12.96	0.00	18.97	34.00	9.50	43.50
150.000	2.31	11.96	0.00	16.25	30.52	12.98	43.50
175.000	2.55	10.36	0.00	12.65	25.56	17.94	43.50
200.000	2.78	10.14	0.00	12.35	25.27	18.23	43.50
250.000	3.27	12.97	0.00	15.67	31.91	14.09	46.00
*425.000	4.40	17.02	0.00	15.24	36.66	9.34	46.00

Vertical:

*125.000	2.07	11.79	0.00	27.58	41.44	2.06	43.50
150.000	2.31	10.38	0.00	19.14	31.83	11.67	43.50
175.000	2.55	7.76	0.00	15.62	25.93	17.57	43.50
200.000	2.78	9.65	0.00	17.00	29.44	14.06	43.50
225.000	3.03	11.55	0.00	16.24	30.82	15.18	46.00
375.000	4.14	15.54	0.00	17.80	37.48	8.52	46.00
440.000	4.48	16.34	0.00	15.24	36.06	9.94	46.00

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Probe Factor + Cable loss.

Product : WLAN Printer Server
 Test Item : General Radiated Emission Data
 Test Site : No.1 OATS
 Test Mode : Transmit Channel 6(Mode 2-11Mbps)

Freq. MHz	Cable Loss dB	Probe Factor dB/m	PreAMP dB	Reading Level dBuV	Emission Level dBuV/m	Margin dB	Limit dBuV/m
Horizontal:							
125.000	2.07	12.96	0.00	19.57	34.60	8.90	43.50
150.000	2.31	11.96	0.00	16.57	30.84	12.66	43.50
175.000	2.55	10.36	0.00	13.25	26.16	17.34	43.50
200.000	2.78	10.14	0.00	13.35	26.27	17.23	43.50
225.000	3.03	10.82	0.00	12.30	26.15	19.85	46.00
*425.000	4.40	17.02	0.00	15.87	37.29	8.71	46.00

Vertical:

*125.000	2.07	11.79	0.00	27.54	41.40	2.10	43.50
150.000	2.31	10.38	0.00	21.00	33.69	9.81	43.50
175.000	2.55	7.76	0.00	16.25	26.56	16.94	43.50
200.000	2.78	9.65	0.00	6.01	18.45	25.05	43.50
225.000	3.03	11.55	0.00	17.50	32.08	13.92	46.00
375.000	4.14	15.54	0.00	17.20	36.88	9.12	46.00

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Probe Factor + Cable loss.

Product : WLAN Printer Server
 Test Item : General Radiated Emission Data
 Test Site : No.1 OATS
 Test Mode : Transmit Channel 11(Mode 2-11Mbps)

Freq. MHz	Cable Loss dB	Probe Factor dB/m	PreAMP dB	Reading Level dBuV	Emission Level dBuV/m	Margin dB	Limit dBuV/m
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Horizontal:

*125.000	2.07	12.96	0.00	24.13	39.16	4.34	43.50
150.000	2.31	11.96	0.00	18.56	32.83	10.67	43.50
200.000	2.78	10.14	0.00	13.25	26.17	17.33	43.50
250.000	3.27	12.97	0.00	15.64	31.88	14.12	46.00
425.000	4.40	17.02	0.00	15.87	37.29	8.71	46.00
440.000	4.48	17.01	0.00	15.26	36.75	9.25	46.00

Vertical:

78.500	1.62	9.35	0.00	12.65	23.62	16.38	40.00
*125.000	2.07	11.79	0.00	28.25	42.11	1.39	43.50
150.000	2.31	10.38	0.00	20.35	33.04	10.46	43.50
200.000	2.78	9.65	0.00	18.57	31.01	12.49	43.50
375.000	4.14	15.54	0.00	18.10	37.78	8.22	46.00
440.000	4.48	16.34	0.00	16.25	37.07	8.93	46.00

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. “ * ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Probe Factor + Cable loss.

6. Band Edge

6.1. Test Equipment

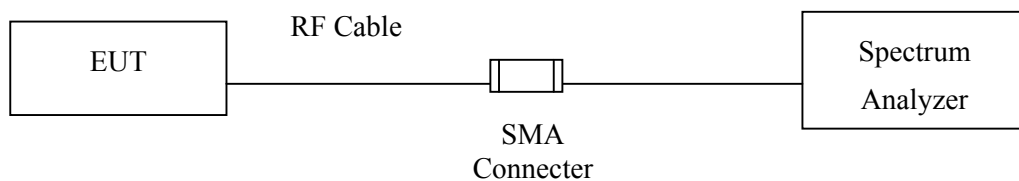
The following test equipments are used during the band edge tests:

Equipment	Manufacturer	Model No./Serial No.	Last Cal.
X Spectrum Analyzer	Advantest	R3272 / 72421194	May, 2001
X Test Receiver	R & S	ESCS 30 / 825442/14	May, 2001
X Spectrum Analyzer	Advantest	R3261C / 71720140	May, 2001
X Pre-Amplifier	HP	8447D/3307A01812	May, 2001
X Bilog Antenna	Chase	CBL6112B / 12452	Sep., 2001
X Horn Antenna	EM	EM6917 / 103325	May, 2001

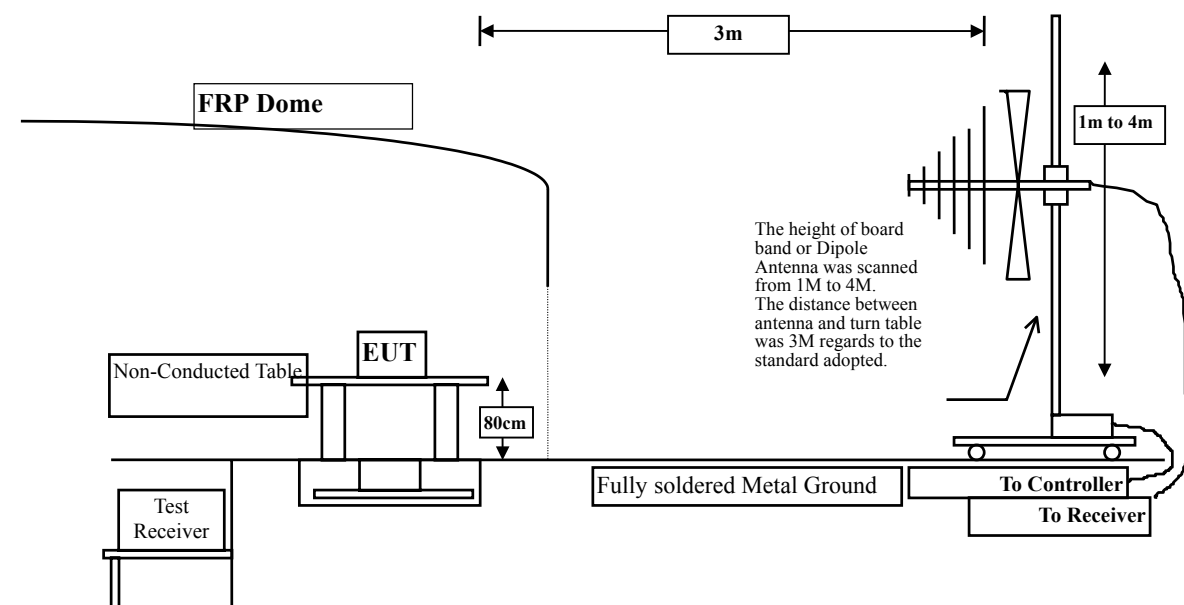
- Note:
1. All equipments that need to calibrate are with calibration period of 1 year.
 2. Mark "X" test instruments are used to measure the final test results.

6.2. Test Setup

RF Conducted Measurement:



RF Radiated Measurement:



6.3. Test Condition

Standard Temperature and Humidity, Standard Test Voltage

6.4. Standard Requirement

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a) (see Section 15.205(c)).

6.5. Test Result of Band Edge

Product : WLAN Printer Server
 Test Item : Band Edge Data
 Test Site : No.1 OATS
 Test Mode : Channel 1 (Mode 1-1Mbps)

RF Conducted Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
1 (Horizontal)	<2400	>20	Pass
1 (Vertical)	<2400	>20	Pass

Figure Channel 1: (Horizontal)

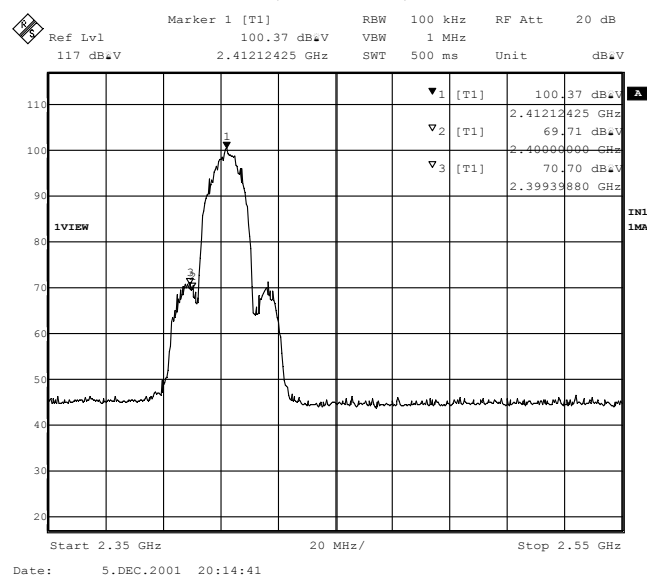
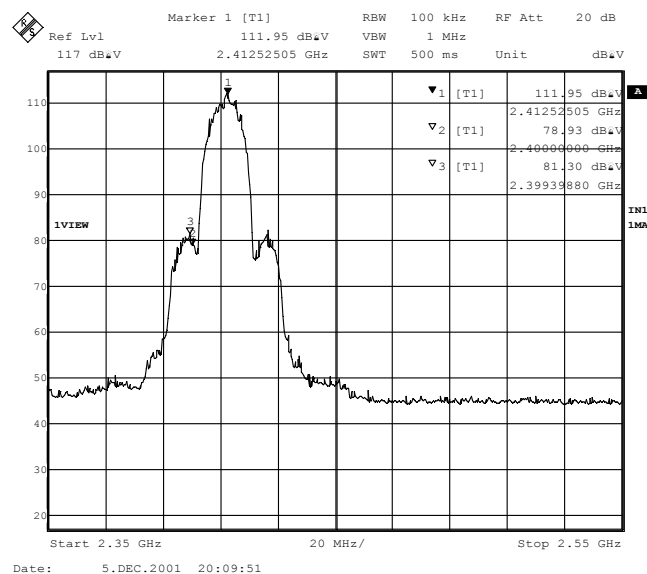


Figure Channel 1: (Vertical)



Product : WLAN Printer Server
 Test Item : Band Edge Data
 Test Site : No.1 OATS
 Test Mode : Channel 1 (Mode 1-11Mbps)

RF Conducted Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
1 (Horizontal)	<2400	>20	Pass
1 (Vertical)	<2400	>20	Pass

Figure Channel 1: (Horizontal)

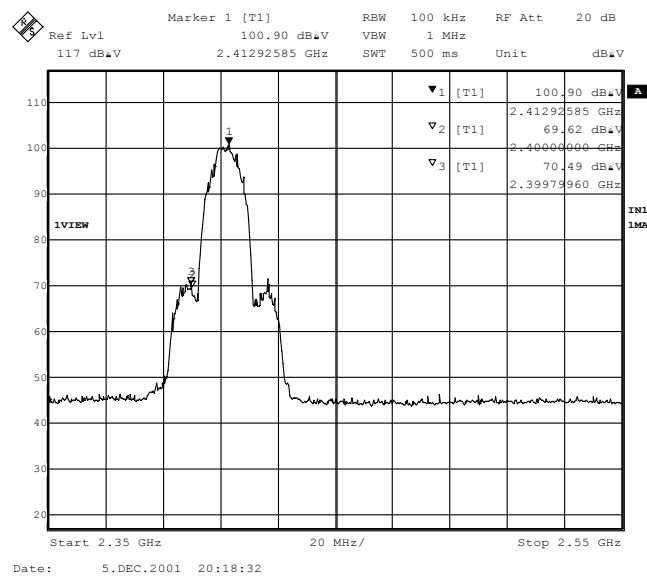
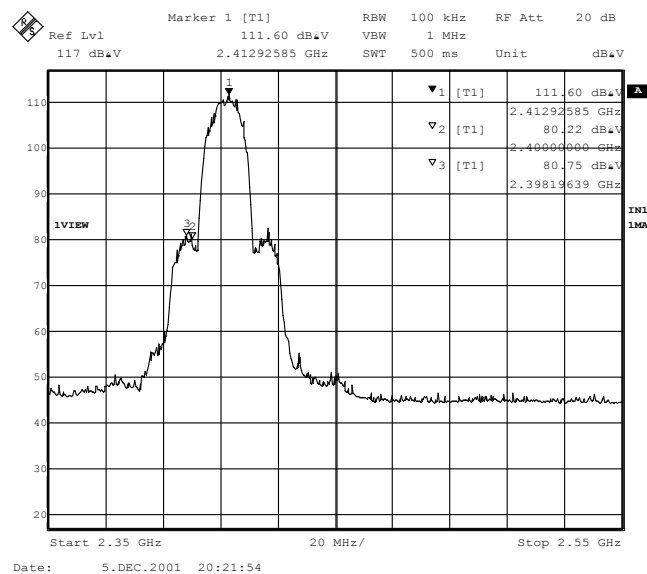


Figure Channel 1: (Vertical)



Product : WLAN Printer Server
 Test Item : Band Edge Data
 Test Site : No.1 OATS
 Test Mode : Channel 11 (Mode 1-1Mbps)

RF Radiated Measurement:

Channel No.	Frequency (MHz)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Result
11(Horizontal)	2484.268	44.92	43.37	54	Pass
11 (Vertical)	2483.867	49.21	47.66	54	Pass

Figure Channel 11:

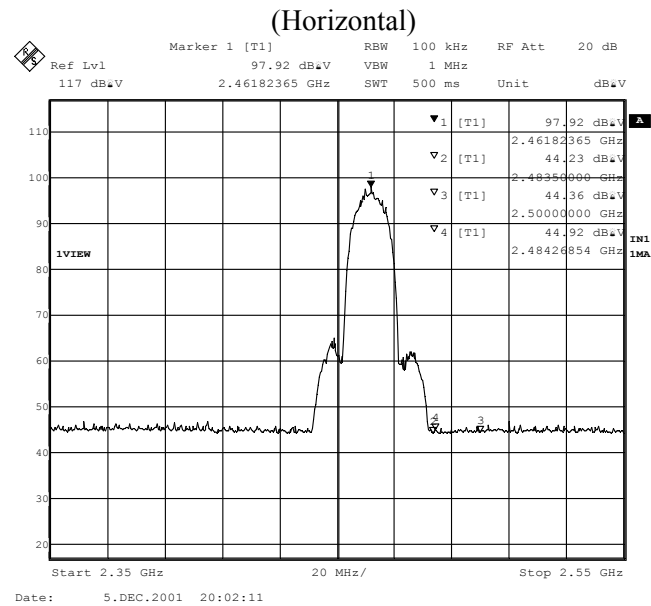
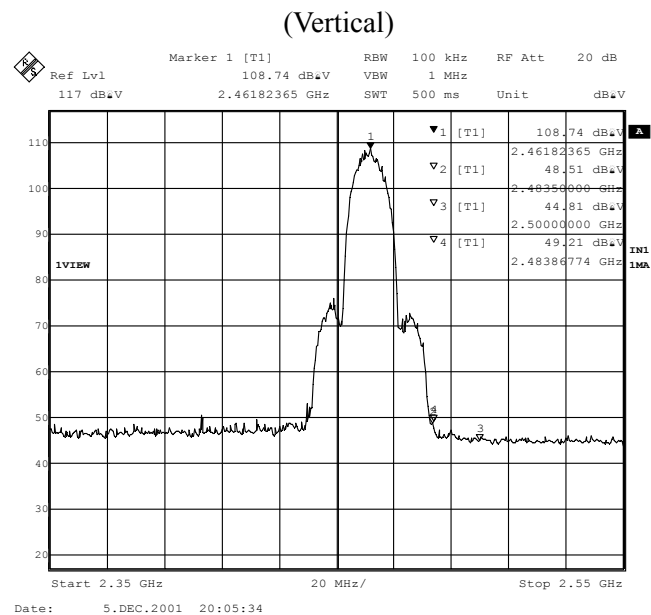


Figure Channel 11:



Product : WLAN Printer Server
 Test Item : Band Edge Data
 Test Site : No.1 OATS
 Test Mode : Channel 11 (Mode 1-11Mbps)

RF Radiated Measurement:

Channel No.	Frequency (MHz)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Result
11(Horizontal)	2483.867	45.82	44.27	54	Pass
11(Vertical)	2483.867	49.27	47.72	54	Pass

Figure Channel 11:

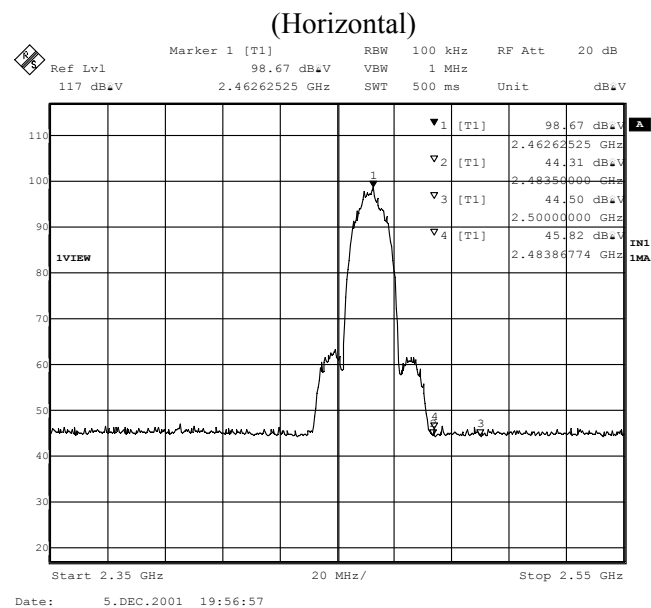
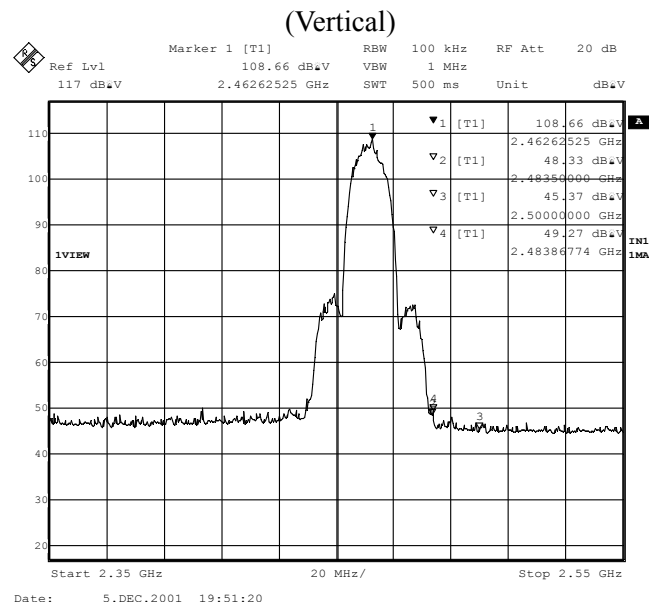


Figure Channel 11:



Product : WLAN Printer Server
 Test Item : Band Edge Data
 Test Site : No.1 OATS
 Test Mode : Channel 1 (Mode 2-1Mbps)

RF Conducted Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
1 (Horizontal)	<2400	>20	Pass
1 (Vertical)	<2400	>20	Pass

Figure Channel 1:

(Horizontal)

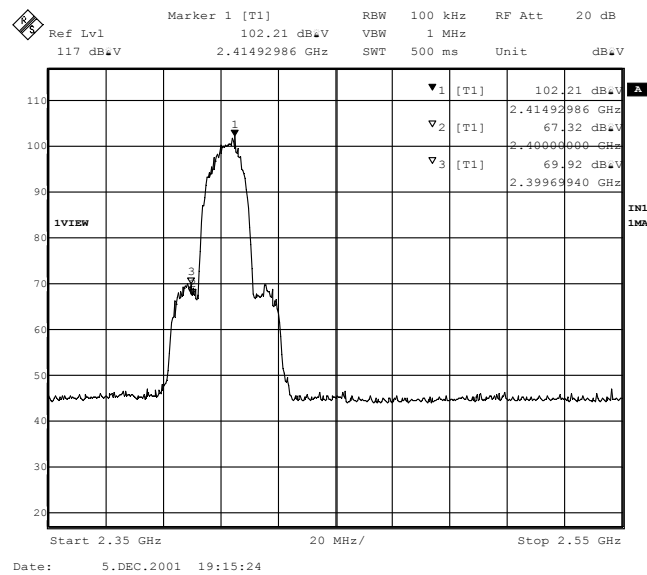
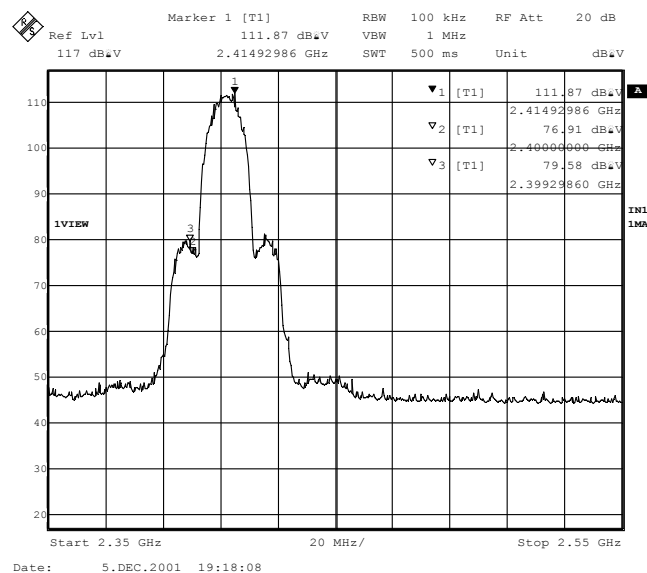


Figure Channel 1:

(Vertical)



Product : WLAN Printer Server
 Test Item : Band Edge Data
 Test Site : No.1 OATS
 Test Mode : Channel 1 (Mode 2-11Mbps)

RF Conducted Measurement:

Channel No.	Frequency (MHz)	Required Limit (dBc)	Result
1 (Horizontal)	<2400	>20	Pass
1 (Vertical)	<2400	>20	Pass

Figure Channel 1: (Horizontal)

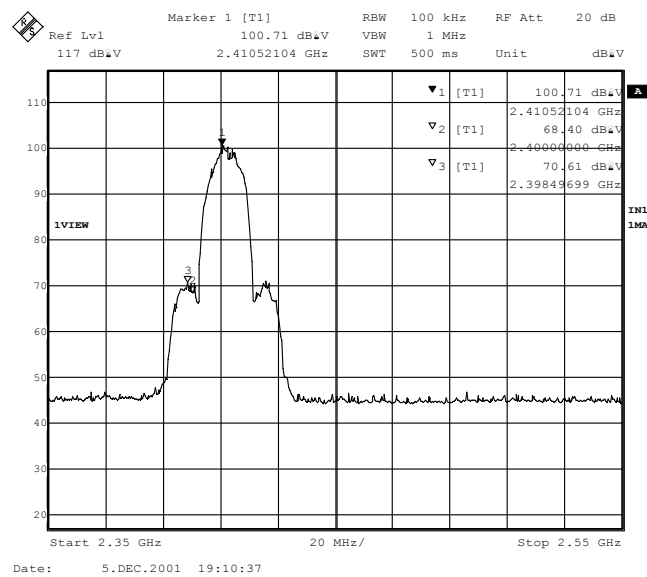
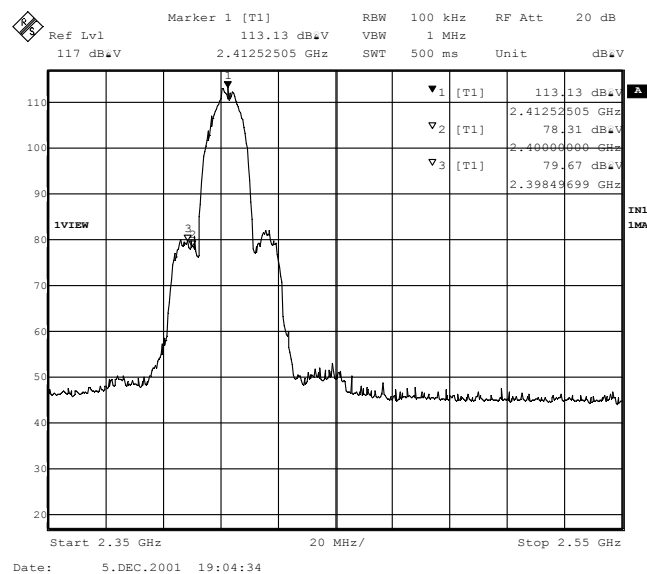


Figure Channel 1: (Vertical)



Product : WLAN Printer Server
 Test Item : Band Edge Data
 Test Site : No.1 OATS
 Test Mode : Channel 11 (Mode 2-1Mbps)

RF Radiated Measurement:

Channel No.	Frequency (MHz)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Result
11(Horizontal)	2483.867	46.89	45.3	54	Pass
11 (Vertical)	2483.867	51.08	49.53	54	Pass

Figure Channel 11:

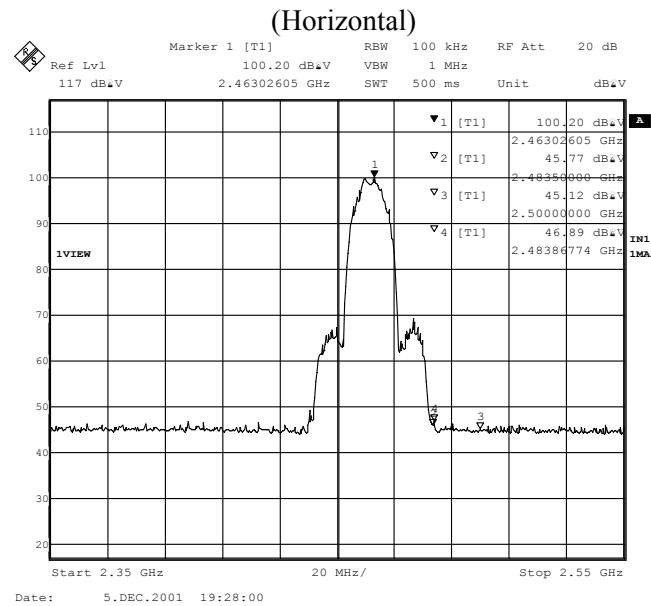
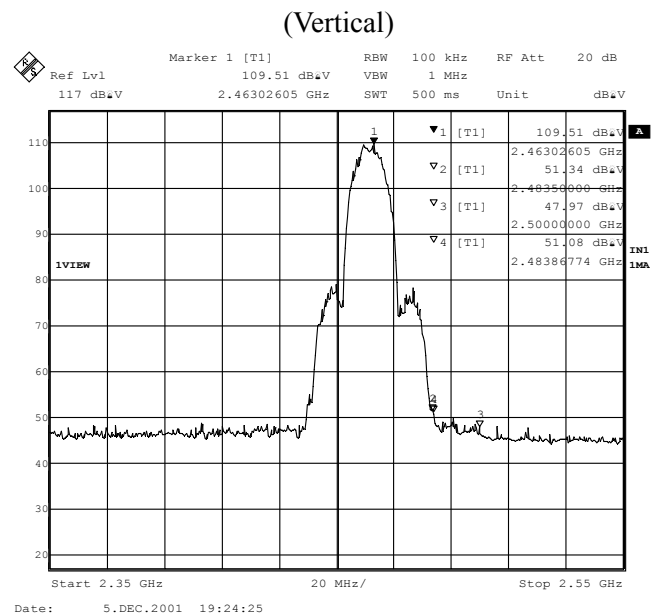


Figure Channel 11:



Product : WLAN Printer Server
 Test Item : Band Edge Data
 Test Site : No.1 OATS
 Test Mode : Channel 11 (Mode 2-11Mbps)

RF Radiated Measurement:

Channel No.	Frequency (MHz)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Result
11(Horizontal)	2499.499	46.82	45.33	54	Pass
11(Vertical)	2483.867	51.06	49.51	54	Pass

Figure Channel 11:

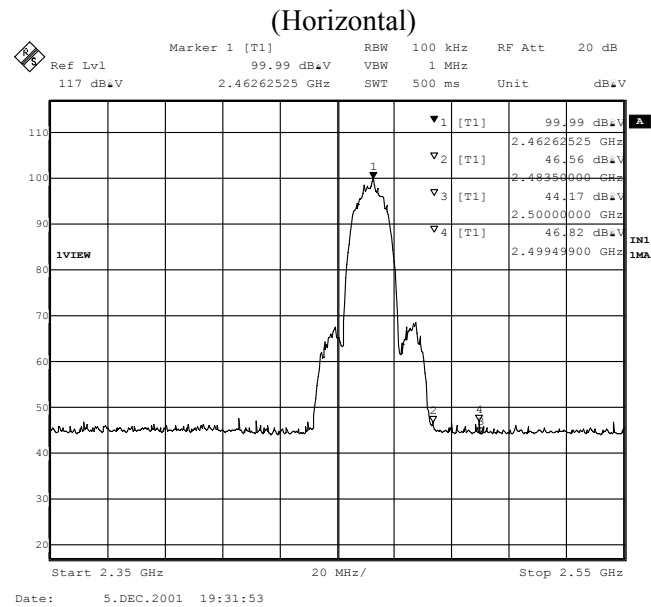
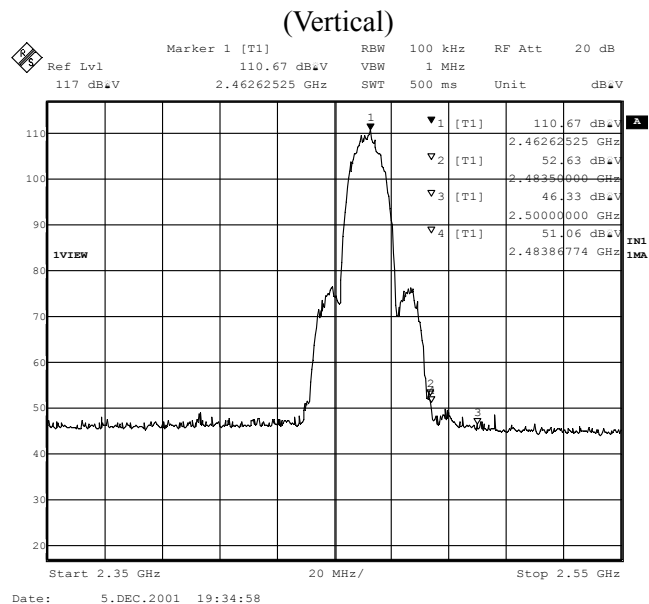


Figure Channel 11:



7. Occupied Bandwidth

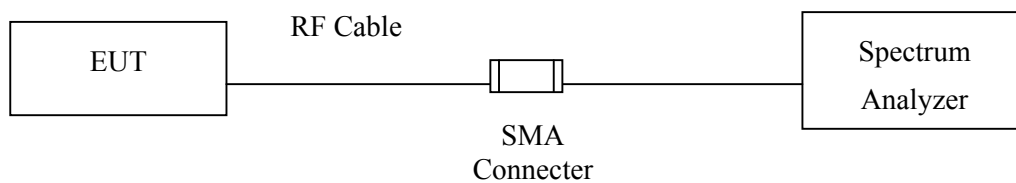
7.1. Test Equipment

The following test equipments are used during the radiated emission tests:

	Equipment	Manufacturer	Model No./Serial No.	Last Cal.
X	Spectrum	Advantest	R3272 / 72421194	May, 2001

Note: 1. All equipment upon which need to calibrated are with calibration period of 1 year.
2. Mark "X" test instruments are used to measure the final test results.

7.2. Test Setup



7.3. Test Condition

Standard Temperature and Humidity, Standard Test Voltage

7.4. Standard Requirement

The minimum bandwidth shall be at least 500kHz.

7.5. Test Result of Occupied Bandwidth

Product : WLAN Printer Server
 Test Item : Occupied Bandwidth Data
 Test Site : No.1 OATS
 Test Mode : Channel 1

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
1 (1Mbps)	2416.60	9650	>500	Pass
1 (11Mbps)	2417.650	11050	>500	Pass

Figure Channel 1: 1Mbps

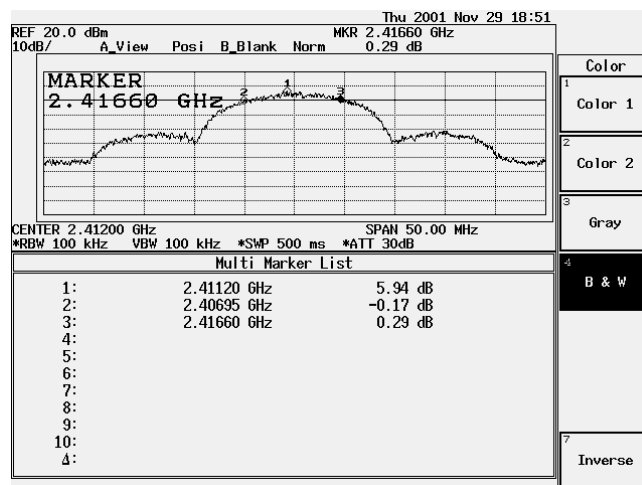
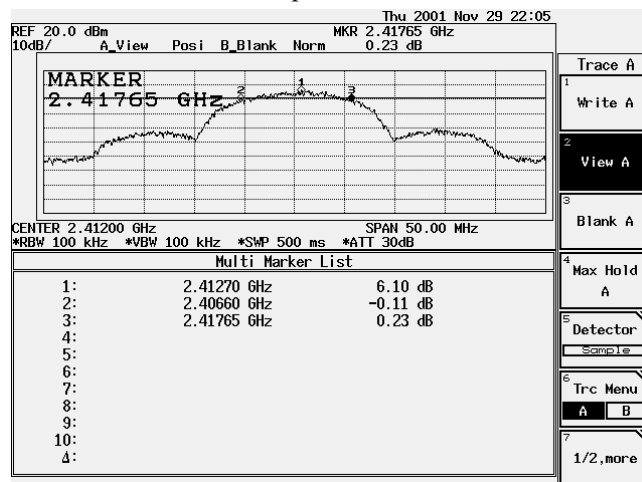


Figure Channel 1: 11Mbps



Product : WLAN Printer Server
 Test Item : Occupied Bandwidth Data
 Test Site : No.1 OATS
 Test Mode : Channel 6

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
6 (1Mbps)	2442.20	10300	>500	Pass
6 (11Mbps)	2442.40	10200	>500	Pass

Figure Channel 6:

1Mbps

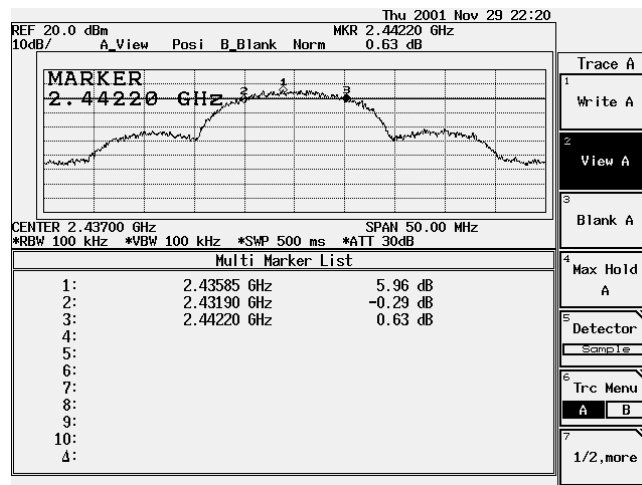
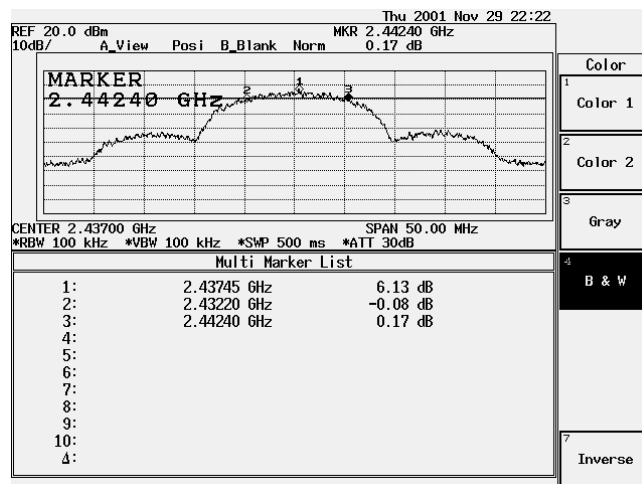


Figure Channel 6:

11Mbps



Product : WLAN Printer Server
 Test Item : Occupied Bandwidth Data
 Test Site : No.1 OATS
 Test Mode : Channel 11

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
11 (1Mbps)	2467.05	10450	>500	Pass
11 (11Mbps)	2467.20	10300	>500	Pass

Figure Channel 11: 1Mbps

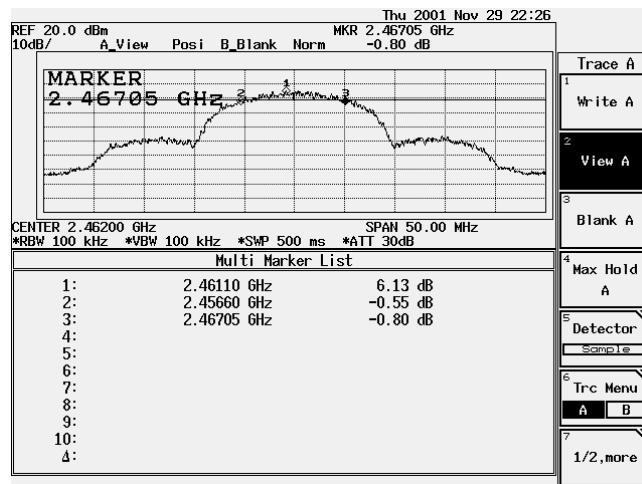
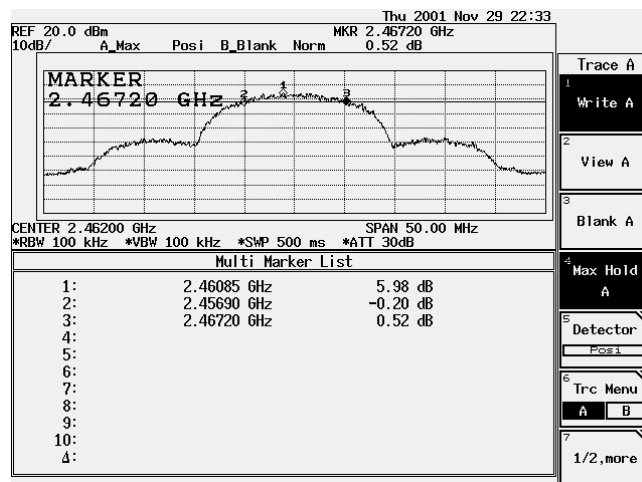


Figure Channel 11: 11Mbps



8. Transmitter Power Density

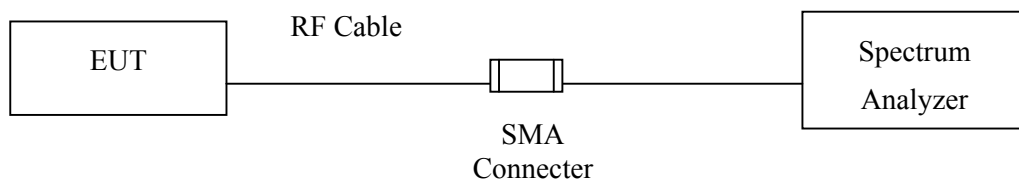
8.1. Test Equipment

The following test equipments are used during the radiated emission tests:

	Equipment	Manufacturer	Model No./Serial No.	Last Cal.
X	Spectrum	Advantest	R3272 / 72421194	May, 2001

Note: 1. All equipment upon which need to calibrated are with calibration period of 1 year.
2. Mark "X" test instruments are used to measure the final test results.

8.2. Test Setup



8.3. Test Condition

Standard Temperature and Humidity, Standard Test Voltage

8.4. Standard Requirement

The transmitted power density averaged over any 1 second interval shall not be greater +8dBm in any 3kHz bandwidth.

8.5. Test Result of Transmitter Power Density

Product : WLAN Printer Server
 Test Item : Transmitter Power Density Data
 Test Site : No.1 OATS
 Test Mode : Channel 1

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
1 (1Mbps)	2410.641	-8.56	< 8dBm	Pass
1 (11Mbps)	2411.331	-9.27	< 8dBm	Pass

Figure Channel 1:

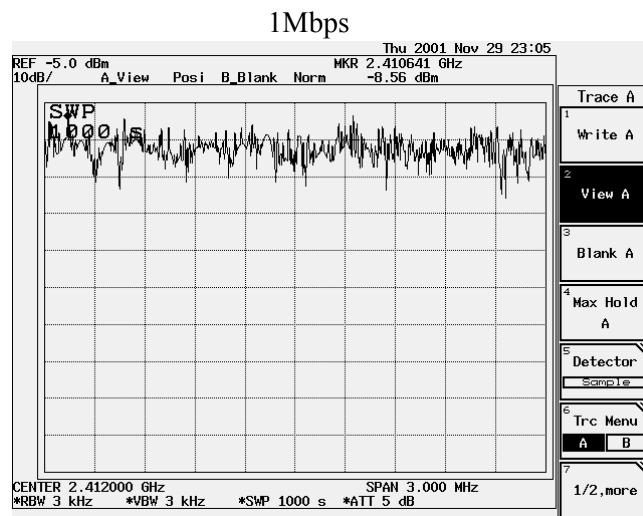
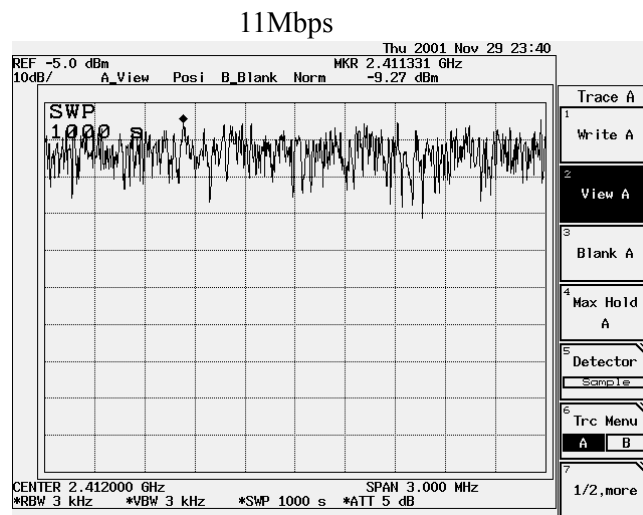


Figure Channel 1:



Product : WLAN Printer Server
 Test Item : Transmitter Power Density Data
 Test Site : No.1 OATS
 Test Mode : Channel 6

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
6 (1Mbps)	2435.641	-8.19	< 8dBm	Pass
6 (11Mbps)	2435.641	-8.19	< 8dBm	Pass

Figure Channel 6:

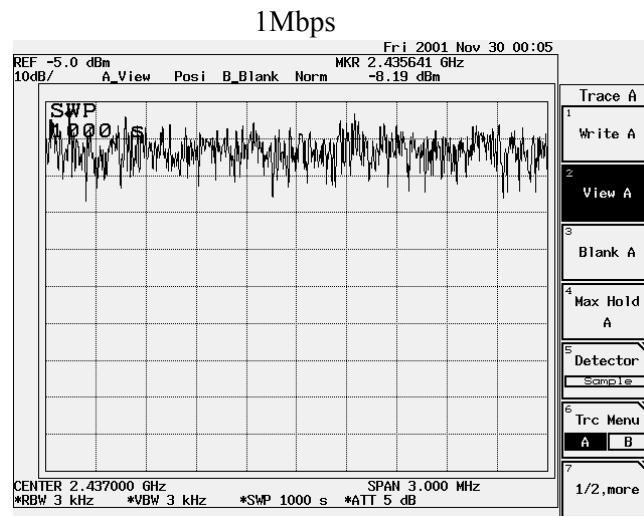
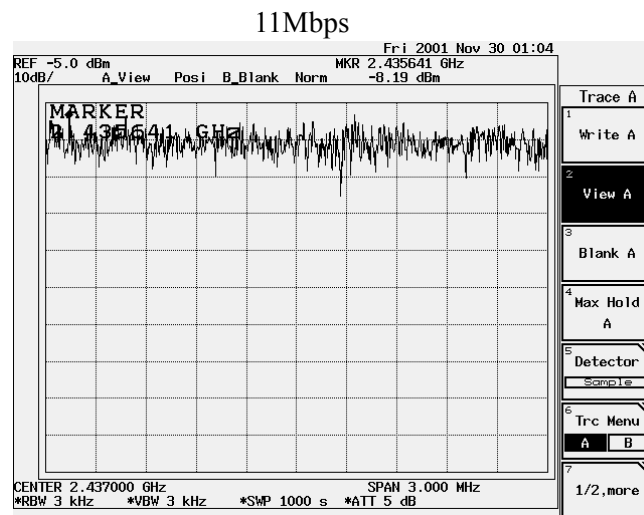


Figure Channel 6:



Product : WLAN Printer Server
 Test Item : Transmitter Power Density Data
 Test Site : No.1 OATS
 Test Mode : Channel 11

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
11 (1Mbps)	2460.800	-10.23	< 8dBm	Pass
11 (11Mbps)	2460.641	-7.98	< 8dBm	Pass

Figure Channel 11:

1Mbps

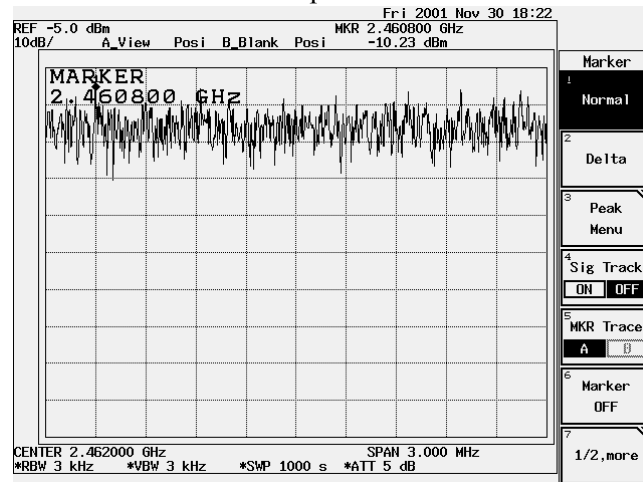
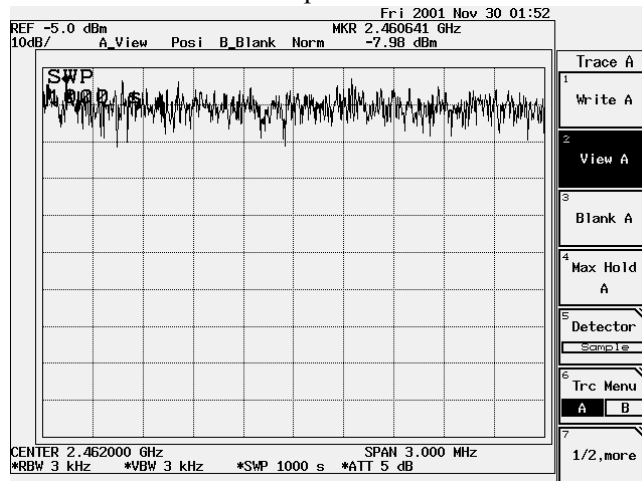


Figure Channel 11:

11Mbps



9. Processing Gain

9.1. Test Condition

Standard Temperature and Humidity, Standard Test Voltage

9.2. Minimum Standard

According to FCC Part 15 Subpart C Paragraph 15.247(e), The processing gain shall be at least 10 dB.

9.3. Test Procedure & Result

About the test procedure and result of processing gain are shown as below:

11Mbps CHANNEL 1 Processing Gain						
Gp = (S/N)o + Mj + Lsys						
Freq. (MHz)	Gp (dB)	(S/N)o (dB)	Mj=J/S (dB)	Lsys (dB)	Jammer (dBm)	PER (%)
2403.50	22.6	16.4	4.2	2.0	-58.7	<=8.0
2403.55	22.3	16.4	3.9	2.0	-59.0	<=8.0
2403.60	22.2	16.4	3.8	2.0	-59.1	<=8.0
2403.65	22.0	16.4	3.6	2.0	-59.3	<=8.0
2403.70	21.7	16.4	3.3	2.0	-59.6	<=8.0
2403.75	21.1	16.4	2.7	2.0	-60.2	<=8.0
2403.80	20.8	16.4	2.4	2.0	-60.5	<=8.0
2403.85	20.7	16.4	2.3	2.0	-60.6	<=8.0
2403.90	23.2	16.4	4.8	2.0	-58.1	<=8.0
2403.95	20.8	16.4	2.4	2.0	-60.5	<=8.0
2404.00	22.5	16.4	4.1	2.0	-58.8	<=8.0
2404.05	23.8	16.4	5.4	2.0	-57.5	<=8.0
2404.10	23.9	16.4	5.5	2.0	-57.4	<=8.0
2404.15	24.2	16.4	5.8	2.0	-57.1	<=8.0
2404.20	24.2	16.4	5.8	2.0	-57.1	<=8.0
2404.25	24.2	16.4	5.8	2.0	-57.1	<=8.0
2404.30	23.6	16.4	5.2	2.0	-57.7	<=8.0
2404.35	23.6	16.4	5.2	2.0	-57.7	<=8.0
2404.40	23.2	16.4	4.8	2.0	-58.1	<=8.0
2404.45	23.1	16.4	4.7	2.0	-58.2	<=8.0
2404.50	23.1	16.4	4.7	2.0	-58.2	<=8.0
2404.55	22.8	16.4	4.4	2.0	-58.5	<=8.0
2404.60	22.1	16.4	3.7	2.0	-59.2	<=8.0
2404.65	21.5	16.4	3.1	2.0	-59.8	<=8.0
2404.70	21.8	16.4	3.4	2.0	-59.5	<=8.0
2404.75	21.6	16.4	3.2	2.0	-59.7	<=8.0
2404.80	21.6	16.4	3.2	2.0	-59.7	<=8.0
2404.85	20.3	16.4	1.9	2.0	-61.0	<=8.0
2404.90	20.3	16.4	1.9	2.0	-61.0	<=8.0
2404.95	20.4	16.4	2.0	2.0	-60.9	<=8.0
2405.00	20.4	16.4	2.0	2.0	-60.9	<=8.0
2405.05	20.6	16.4	2.2	2.0	-60.7	<=8.0
2405.10	20.6	16.4	2.2	2.0	-60.7	<=8.0
2405.15	20.4	16.4	2.0	2.0	-60.9	<=8.0
2405.20	19.9	16.4	1.5	2.0	-61.4	<=8.0
2405.25	19.8	16.4	1.4	2.0	-61.5	<=8.0
2405.30	19.8	16.4	1.4	2.0	-61.5	<=8.0
2405.35	19.2	16.4	0.8	2.0	-62.1	<=8.0
2405.40	19.2	16.4	0.8	2.0	-62.1	<=8.0
2405.45	18.9	16.4	0.5	2.0	-62.4	<=8.0
2405.50	18.7	16.4	0.3	2.0	-62.6	<=8.0
2405.55	18.5	16.4	0.1	2.0	-62.8	<=8.0
2405.60	18.5	16.4	0.1	2.0	-62.8	<=8.0
2405.65	18.5	16.4	0.1	2.0	-62.8	<=8.0

2405.70	18.2	16.4	-0.2	2.0	-63.1	<=8.0
2405.75	17.9	16.4	-0.5	2.0	-63.4	<=8.0
2405.80	17.5	16.4	-0.9	2.0	-63.8	<=8.0
2405.85	17.1	16.4	-1.3	2.0	-64.2	<=8.0
2405.90	16.8	16.4	-1.6	2.0	-64.5	<=8.0
2405.95	16.8	16.4	-1.6	2.0	-64.5	<=8.0
2406.00	16.8	16.4	-1.6	2.0	-64.5	<=8.0
2406.05	16.7	16.4	-1.7	2.0	-64.6	<=8.0
2406.10	16.6	16.4	-1.8	2.0	-64.7	<=8.0
2406.15	16.3	16.4	-2.1	2.0	-65.0	<=8.0
2406.20	16.1	16.4	-2.3	2.0	-65.2	<=8.0
2406.25	16.3	16.4	-2.1	2.0	-65.0	<=8.0
2406.30	16.3	16.4	-2.1	2.0	-65.0	<=8.0
2406.35	16.1	16.4	-2.3	2.0	-65.2	<=8.0
2406.40	15.8	16.4	-2.6	2.0	-65.5	<=8.0
2406.45	15.8	16.4	-2.6	2.0	-65.5	<=8.0
2406.50	15.6	16.4	-2.8	2.0	-65.7	<=8.0
2406.55	15.4	16.4	-3.0	2.0	-65.9	<=8.0
2406.60	15.3	16.4	-3.1	2.0	-66.0	<=8.0
2406.65	15.1	16.4	-3.3	2.0	-66.2	<=8.0
2406.70	15.0	16.4	-3.4	2.0	-66.3	<=8.0
2406.75	15.0	16.4	-3.4	2.0	-66.3	<=8.0
2406.80	14.8	16.4	-3.6	2.0	-66.5	<=8.0
2406.85	14.8	16.4	-3.6	2.0	-66.5	<=8.0
2406.90	14.9	16.4	-3.5	2.0	-66.4	<=8.0
2406.95	14.9	16.4	-3.5	2.0	-66.4	<=8.0
2407.00	14.9	16.4	-3.5	2.0	-66.4	<=8.0
2407.05	14.8	16.4	-3.6	2.0	-66.5	<=8.0
2407.10	14.8	16.4	-3.6	2.0	-66.5	<=8.0
2407.15	14.8	16.4	-3.6	2.0	-66.5	<=8.0
2407.20	14.8	16.4	-3.6	2.0	-66.5	<=8.0
2407.25	14.7	16.4	-3.7	2.0	-66.6	<=8.0
2407.30	14.7	16.4	-3.7	2.0	-66.6	<=8.0
2407.35	14.6	16.4	-3.8	2.0	-66.7	<=8.0
2407.40	14.5	16.4	-3.9	2.0	-66.8	<=8.0
2407.45	14.5	16.4	-3.9	2.0	-66.8	<=8.0
2407.50	14.5	16.4	-3.9	2.0	-66.8	<=8.0
2407.55	14.5	16.4	-3.9	2.0	-66.8	<=8.0
2407.60	14.3	16.4	-4.1	2.0	-67.0	<=8.0
2407.65	14.4	16.4	-4.0	2.0	-66.9	<=8.0
2407.70	14.2	16.4	-4.2	2.0	-67.1	<=8.0
2407.75	14.1	16.4	-4.3	2.0	-67.2	<=8.0
2407.80	14.0	16.4	-4.4	2.0	-67.3	<=8.0
2407.85	13.7	16.4	-4.7	2.0	-67.6	<=8.0
2407.90	13.5	16.4	-4.9	2.0	-67.8	<=8.0
2407.95	13.5	16.4	-4.9	2.0	-67.8	<=8.0
2408.00	13.4	16.4	-5.0	2.0	-67.9	<=8.0
2408.05	13.4	16.4	-5.0	2.0	-67.9	<=8.0
2408.10	13.4	16.4	-5.0	2.0	-67.9	<=8.0
2408.15	13.4	16.4	-5.0	2.0	-67.9	<=8.0
2408.20	13.3	16.4	-5.1	2.0	-68.0	<=8.0
2408.25	13.5	16.4	-4.9	2.0	-67.8	<=8.0

2408.30	13.5	16.4	-4.9	2.0	-67.8	<=8.0
2408.35	13.5	16.4	-4.9	2.0	-67.8	<=8.0
2408.40	13.3	16.4	-5.1	2.0	-68.0	<=8.0
2408.45	13.2	16.4	-5.2	2.0	-68.1	<=8.0
2408.50	13.2	16.4	-5.2	2.0	-68.1	<=8.0
2408.55	13.2	16.4	-5.2	2.0	-68.1	<=8.0
2408.60	13.1	16.4	-5.3	2.0	-68.2	<=8.0
2408.65	12.8	16.4	-5.6	2.0	-68.5	<=8.0
2408.70	12.8	16.4	-5.6	2.0	-68.5	<=8.0
2408.75	12.8	16.4	-5.6	2.0	-68.5	<=8.0
2408.80	12.8	16.4	-5.6	2.0	-68.5	<=8.0
2408.85	12.8	16.4	-5.6	2.0	-68.5	<=8.0
2408.90	12.2	16.4	-6.2	2.0	-69.1	<=8.0
2408.95	13.0	16.4	-5.4	2.0	-68.3	<=8.0
2409.00	13.1	16.4	-5.3	2.0	-68.2	<=8.0
2409.05	13.2	16.4	-5.2	2.0	-68.1	<=8.0
2409.10	13.2	16.4	-5.2	2.0	-68.1	<=8.0
2409.15	13.2	16.4	-5.2	2.0	-68.1	<=8.0
2409.20	12.9	16.4	-5.5	2.0	-68.4	<=8.0
2409.25	12.9	16.4	-5.5	2.0	-68.4	<=8.0
2409.30	12.8	16.4	-5.6	2.0	-68.5	<=8.0
2409.35	12.8	16.4	-5.6	2.0	-68.5	<=8.0
2409.40	12.4	16.4	-6.0	2.0	-68.9	<=8.0
2409.45	12.7	16.4	-5.7	2.0	-68.6	<=8.0
2409.50	12.7	16.4	-5.7	2.0	-68.6	<=8.0
2409.55	12.7	16.4	-5.7	2.0	-68.6	<=8.0
2409.60	12.6	16.4	-5.8	2.0	-68.7	<=8.0
2409.65	12.6	16.4	-5.8	2.0	-68.7	<=8.0
2409.70	12.6	16.4	-5.8	2.0	-68.7	<=8.0
2409.75	12.6	16.4	-5.8	2.0	-68.7	<=8.0
2409.80	12.6	16.4	-5.8	2.0	-68.7	<=8.0
2409.85	12.4	16.4	-6.0	2.0	-68.9	<=8.0
2409.90	12.1	16.4	-6.3	2.0	-69.2	<=8.0
2409.95	12.3	16.4	-6.1	2.0	-69.0	<=8.0
2410.00	12.4	16.4	-6.0	2.0	-68.9	<=8.0
2410.05	12.4	16.4	-6.0	2.0	-68.9	<=8.0
2410.10	12.4	16.4	-6.0	2.0	-68.9	<=8.0
2410.15	12.3	16.4	-6.1	2.0	-69.0	<=8.0
2410.20	12.6	16.4	-5.8	2.0	-68.7	<=8.0
2410.25	12.6	16.4	-5.8	2.0	-68.7	<=8.0
2410.30	12.6	16.4	-5.8	2.0	-68.7	<=8.0
2410.35	12.6	16.4	-5.8	2.0	-68.7	<=8.0
2410.40	12.5	16.4	-5.9	2.0	-68.8	<=8.0
2410.45	12.6	16.4	-5.8	2.0	-68.7	<=8.0
2410.50	12.7	16.4	-5.7	2.0	-68.6	<=8.0
2410.55	12.7	16.4	-5.7	2.0	-68.6	<=8.0
2410.60	12.6	16.4	-5.8	2.0	-68.7	<=8.0
2410.65	12.2	16.4	-6.2	2.0	-69.1	<=8.0
2410.70	12.3	16.4	-6.1	2.0	-69.0	<=8.0
2410.75	12.3	16.4	-6.1	2.0	-69.0	<=8.0
2410.80	12.4	16.4	-6.0	2.0	-68.9	<=8.0
2410.85	12.4	16.4	-6.0	2.0	-68.9	<=8.0

2410.90	12.4	16.4	-6.0	2.0	-68.9	<=8.0
2410.95	12.6	16.4	-5.8	2.0	-68.7	<=8.0
2411.00	12.7	16.4	-5.7	2.0	-68.6	<=8.0
2411.05	12.8	16.4	-5.6	2.0	-68.5	<=8.0
2411.10	12.9	16.4	-5.5	2.0	-68.4	<=8.0
2411.15	12.9	16.4	-5.5	2.0	-68.4	<=8.0
2411.20	12.7	16.4	-5.7	2.0	-68.6	<=8.0
2411.25	12.9	16.4	-5.5	2.0	-68.4	<=8.0
2411.30	13.0	16.4	-5.4	2.0	-68.3	<=8.0
2411.35	12.8	16.4	-5.6	2.0	-68.5	<=8.0
2411.40	12.2	16.4	-6.2	2.0	-69.1	<=8.0
2411.45	12.7	16.4	-5.7	2.0	-68.6	<=8.0
2411.50	12.7	16.4	-5.7	2.0	-68.6	<=8.0
2411.55	12.6	16.4	-5.8	2.0	-68.7	<=8.0
2411.60	12.1	16.4	-6.3	2.0	-69.2	<=8.0
2411.65	12.3	16.4	-6.1	2.0	-69.0	<=8.0
2411.70	12.8	16.4	-5.6	2.0	-68.5	<=8.0
2411.75	12.8	16.4	-5.6	2.0	-68.5	<=8.0
2411.80	12.8	16.4	-5.6	2.0	-68.5	<=8.0
2411.85	12.7	16.4	-5.7	2.0	-68.6	<=8.0
2411.90	12.5	16.4	-5.9	2.0	-68.8	<=8.0
2411.95	12.5	16.4	-5.9	2.0	-68.8	<=8.0
2412.00	12.4	16.4	-6.0	2.0	-68.9	<=8.0
2412.05	12.4	16.4	-6.0	2.0	-68.9	<=8.0
2412.10	12.4	16.4	-6.0	2.0	-68.9	<=8.0
2412.15	12.5	16.4	-5.9	2.0	-68.8	<=8.0
2412.20	12.5	16.4	-5.9	2.0	-68.8	<=8.0
2412.25	12.6	16.4	-5.8	2.0	-68.7	<=8.0
2412.30	12.7	16.4	-5.7	2.0	-68.6	<=8.0
2412.35	12.8	16.4	-5.6	2.0	-68.5	<=8.0
2412.40	12.9	16.4	-5.5	2.0	-68.4	<=8.0
2412.45	12.8	16.4	-5.6	2.0	-68.5	<=8.0
2412.50	12.8	16.4	-5.6	2.0	-68.5	<=8.0
2412.55	12.8	16.4	-5.6	2.0	-68.5	<=8.0
2412.60	12.9	16.4	-5.5	2.0	-68.4	<=8.0
2412.65	12.3	16.4	-6.1	2.0	-69.0	<=8.0
2412.70	12.6	16.4	-5.8	2.0	-68.7	<=8.0
2412.75	12.3	16.4	-6.1	2.0	-69.0	<=8.0
2412.80	12.5	16.4	-5.9	2.0	-68.8	<=8.0
2412.85	12.4	16.4	-6.0	2.0	-68.9	<=8.0
2412.90	12.1	16.4	-6.3	2.0	-69.2	<=8.0
2412.95	12.4	16.4	-6.0	2.0	-68.9	<=8.0
2413.00	12.7	16.4	-5.7	2.0	-68.6	<=8.0
2413.05	12.8	16.4	-5.6	2.0	-68.5	<=8.0
2413.10	13.0	16.4	-5.4	2.0	-68.3	<=8.0
2413.15	13.0	16.4	-5.4	2.0	-68.3	<=8.0
2413.20	13.0	16.4	-5.4	2.0	-68.3	<=8.0
2413.25	12.9	16.4	-5.5	2.0	-68.4	<=8.0
2413.30	12.9	16.4	-5.5	2.0	-68.4	<=8.0
2413.35	12.8	16.4	-5.6	2.0	-68.5	<=8.0
2413.40	12.4	16.4	-6.0	2.0	-68.9	<=8.0
2413.45	12.8	16.4	-5.6	2.0	-68.5	<=8.0

2413.50	12.8	16.4	-5.6	2.0	-68.5	<=8.0
2413.55	12.8	16.4	-5.6	2.0	-68.5	<=8.0
2413.60	12.6	16.4	-5.8	2.0	-68.7	<=8.0
2413.65	13.1	16.4	-5.3	2.0	-68.2	<=8.0
2413.70	13.3	16.4	-5.1	2.0	-68.0	<=8.0
2413.75	13.4	16.4	-5.0	2.0	-67.9	<=8.0
2413.80	13.4	16.4	-5.0	2.0	-67.9	<=8.0
2413.85	13.4	16.4	-5.0	2.0	-67.9	<=8.0
2413.90	13.3	16.4	-5.1	2.0	-68.0	<=8.0
2413.95	13.3	16.4	-5.1	2.0	-68.0	<=8.0
2414.00	13.1	16.4	-5.3	2.0	-68.2	<=8.0
2414.05	13.0	16.4	-5.4	2.0	-68.3	<=8.0
2414.10	13.0	16.4	-5.4	2.0	-68.3	<=8.0
2414.15	12.9	16.4	-5.5	2.0	-68.4	<=8.0
2414.20	12.9	16.4	-5.5	2.0	-68.4	<=8.0
2414.25	12.9	16.4	-5.5	2.0	-68.4	<=8.0
2414.30	13.0	16.4	-5.4	2.0	-68.3	<=8.0
2414.35	13.0	16.4	-5.4	2.0	-68.3	<=8.0
2414.40	13.1	16.4	-5.3	2.0	-68.2	<=8.0
2414.45	13.1	16.4	-5.3	2.0	-68.2	<=8.0
2414.50	13.3	16.4	-5.1	2.0	-68.0	<=8.0
2414.55	13.1	16.4	-5.3	2.0	-68.2	<=8.0
2414.60	13.0	16.4	-5.4	2.0	-68.3	<=8.0
2414.65	12.9	16.4	-5.5	2.0	-68.4	<=8.0
2414.70	12.7	16.4	-5.7	2.0	-68.6	<=8.0
2414.75	12.6	16.4	-5.8	2.0	-68.7	<=8.0
2414.80	12.8	16.4	-5.6	2.0	-68.5	<=8.0
2414.85	12.6	16.4	-5.8	2.0	-68.7	<=8.0
2414.90	12.6	16.4	-5.8	2.0	-68.7	<=8.0
2414.95	12.8	16.4	-5.6	2.0	-68.5	<=8.0
2415.00	12.8	16.4	-5.6	2.0	-68.5	<=8.0
2415.05	12.8	16.4	-5.6	2.0	-68.5	<=8.0
2415.10	13.0	16.4	-5.4	2.0	-68.3	<=8.0
2415.15	13.2	16.4	-5.2	2.0	-68.1	<=8.0
2415.20	13.2	16.4	-5.2	2.0	-68.1	<=8.0
2415.25	13.5	16.4	-4.9	2.0	-67.8	<=8.0
2415.30	13.5	16.4	-4.9	2.0	-67.8	<=8.0
2415.35	13.5	16.4	-4.9	2.0	-67.8	<=8.0
2415.40	13.1	16.4	-5.3	2.0	-68.2	<=8.0
2415.45	13.0	16.4	-5.4	2.0	-68.3	<=8.0
2415.50	13.5	16.4	-4.9	2.0	-67.8	<=8.0
2415.55	13.6	16.4	-4.8	2.0	-67.7	<=8.0
2415.60	13.6	16.4	-4.8	2.0	-67.7	<=8.0
2415.65	12.7	16.4	-5.7	2.0	-68.6	<=8.0
2415.70	13.6	16.4	-4.8	2.0	-67.7	<=8.0
2415.75	13.8	16.4	-4.6	2.0	-67.5	<=8.0
2415.80	13.8	16.4	-4.6	2.0	-67.5	<=8.0
2415.85	13.4	16.4	-5.0	2.0	-67.9	<=8.0
2415.90	13.7	16.4	-4.7	2.0	-67.6	<=8.0
2415.95	13.8	16.4	-4.6	2.0	-67.5	<=8.0
2416.00	14.1	16.4	-4.3	2.0	-67.2	<=8.0
2416.05	14.1	16.4	-4.3	2.0	-67.2	<=8.0

2416.10	14.2	16.4	-4.2	2.0	-67.1	<=8.0
2416.15	14.0	16.4	-4.4	2.0	-67.3	<=8.0
2416.20	14.1	16.4	-4.3	2.0	-67.2	<=8.0
2416.25	14.3	16.4	-4.1	2.0	-67.0	<=8.0
2416.30	14.2	16.4	-4.2	2.0	-67.1	<=8.0
2416.35	14.4	16.4	-4.0	2.0	-66.9	<=8.0
2416.40	14.2	16.4	-4.2	2.0	-67.1	<=8.0
2416.45	14.3	16.4	-4.1	2.0	-67.0	<=8.0
2416.50	14.5	16.4	-3.9	2.0	-66.8	<=8.0
2416.55	14.7	16.4	-3.7	2.0	-66.6	<=8.0
2416.60	14.7	16.4	-3.7	2.0	-66.6	<=8.0
2416.65	14.8	16.4	-3.6	2.0	-66.5	<=8.0
2416.70	14.7	16.4	-3.7	2.0	-66.6	<=8.0
2416.75	14.7	16.4	-3.7	2.0	-66.6	<=8.0
2416.80	14.6	16.4	-3.8	2.0	-66.7	<=8.0
2416.85	14.4	16.4	-4.0	2.0	-66.9	<=8.0
2416.90	14.4	16.4	-4.0	2.0	-66.9	<=8.0
2416.95	14.4	16.4	-4.0	2.0	-66.9	<=8.0
2417.00	14.6	16.4	-3.8	2.0	-66.7	<=8.0
2417.05	14.8	16.4	-3.6	2.0	-66.5	<=8.0
2417.10	14.8	16.4	-3.6	2.0	-66.5	<=8.0
2417.15	15.0	16.4	-3.4	2.0	-66.3	<=8.0
2417.20	15.1	16.4	-3.3	2.0	-66.2	<=8.0
2417.25	15.4	16.4	-3.0	2.0	-65.9	<=8.0
2417.30	15.4	16.4	-3.0	2.0	-65.9	<=8.0
2417.35	15.7	16.4	-2.7	2.0	-65.6	<=8.0
2417.40	15.5	16.4	-2.9	2.0	-65.8	<=8.0
2417.45	15.8	16.4	-2.6	2.0	-65.5	<=8.0
2417.50	15.9	16.4	-2.5	2.0	-65.4	<=8.0
2417.55	15.9	16.4	-2.5	2.0	-65.4	<=8.0
2417.60	16.0	16.4	-2.4	2.0	-65.3	<=8.0
2417.65	16.0	16.4	-2.4	2.0	-65.3	<=8.0
2417.70	16.0	16.4	-2.4	2.0	-65.3	<=8.0
2417.75	16.2	16.4	-2.2	2.0	-65.1	<=8.0
2417.80	16.2	16.4	-2.2	2.0	-65.1	<=8.0
2417.85	16.3	16.4	-2.1	2.0	-65.0	<=8.0
2417.90	16.7	16.4	-1.7	2.0	-64.6	<=8.0
2417.95	16.7	16.4	-1.7	2.0	-64.6	<=8.0
2418.00	16.8	16.4	-1.6	2.0	-64.5	<=8.0
2418.05	16.9	16.4	-1.5	2.0	-64.4	<=8.0
2418.10	17.2	16.4	-1.2	2.0	-64.1	<=8.0
2418.15	17.2	16.4	-1.2	2.0	-64.1	<=8.0
2418.20	17.2	16.4	-1.2	2.0	-64.1	<=8.0
2418.25	17.2	16.4	-1.2	2.0	-64.1	<=8.0
2418.30	17.4	16.4	-1.0	2.0	-63.9	<=8.0
2418.35	17.4	16.4	-1.0	2.0	-63.9	<=8.0
2418.40	17.4	16.4	-1.0	2.0	-63.9	<=8.0
2418.45	17.4	16.4	-1.0	2.0	-63.9	<=8.0
2418.50	17.5	16.4	-0.9	2.0	-63.8	<=8.0
2418.55	17.5	16.4	-0.9	2.0	-63.8	<=8.0
2418.60	17.6	16.4	-0.8	2.0	-63.7	<=8.0
2418.65	17.7	16.4	-0.7	2.0	-63.6	<=8.0

2418.70	17.9	16.4	-0.5	2.0	-63.4	<=8.0
2418.75	18.0	16.4	-0.4	2.0	-63.3	<=8.0
2418.80	18.0	16.4	-0.4	2.0	-63.3	<=8.0
2418.85	18.0	16.4	-0.4	2.0	-63.3	<=8.0
2418.90	17.9	16.4	-0.5	2.0	-63.4	<=8.0
2418.95	18.1	16.4	-0.3	2.0	-63.2	<=8.0
2419.00	18.3	16.4	-0.1	2.0	-63.0	<=8.0
2419.05	18.7	16.4	0.3	2.0	-62.6	<=8.0
2419.10	19.3	16.4	0.9	2.0	-62.0	<=8.0
2419.15	20.1	16.4	1.7	2.0	-61.2	<=8.0
2419.20	20.7	16.4	2.3	2.0	-60.6	<=8.0
2419.25	21.1	16.4	2.7	2.0	-60.2	<=8.0
2419.30	21.2	16.4	2.8	2.0	-60.1	<=8.0
2419.35	21.6	16.4	3.2	2.0	-59.7	<=8.0
2419.40	21.9	16.4	3.5	2.0	-59.4	<=8.0
2419.45	22.3	16.4	3.9	2.0	-59.0	<=8.0
2419.50	22.4	16.4	4.0	2.0	-58.9	<=8.0
2419.55	22.6	16.4	4.2	2.0	-58.7	<=8.0
2419.60	23.1	16.4	4.7	2.0	-58.2	<=8.0
2419.65	23.3	16.4	4.9	2.0	-58.0	<=8.0
2419.70	23.5	16.4	5.1	2.0	-57.8	<=8.0
2419.75	23.8	16.4	5.4	2.0	-57.5	<=8.0
2419.80	23.8	16.4	5.4	2.0	-57.5	<=8.0
2419.85	23.9	16.4	5.5	2.0	-57.4	<=8.0
2419.90	23.9	16.4	5.5	2.0	-57.4	<=8.0
2419.95	24.0	16.4	5.6	2.0	-57.3	<=8.0
2420.00	24.5	16.4	6.1	2.0	-56.8	<=8.0
2420.05	25.2	16.4	6.8	2.0	-56.1	<=8.0
2420.10	25.3	16.4	6.9	2.0	-56.0	<=8.0
2420.15	25.3	16.4	6.9	2.0	-56.0	<=8.0
2420.20	25.4	16.4	7.0	2.0	-55.9	<=8.0
2420.25	25.7	16.4	7.3	2.0	-55.6	<=8.0
2420.30	25.9	16.4	7.5	2.0	-55.4	<=8.0
2420.35	25.9	16.4	7.5	2.0	-55.4	<=8.0
2420.40	25.9	16.4	7.5	2.0	-55.4	<=8.0
2420.45	26.0	16.4	7.6	2.0	-55.3	<=8.0
2420.50	25.8	16.4	7.4	2.0	-55.5	<=8.0

12.8

Test Conditions

TX Card **PS7100**

RX Card **PS7100**

TX Firmware **ID010001,
PK010005,
SF010304**
RX Firmware **ID010001,
PK010005,
SF010304**

Software Ver. **3.0.24**
Mode **11 MB**
Pseudo
IBSS

Pkt Size
Pkt Dly **1**
Pkt Burst **6**

Intersil Chips **ISL3984**
on Card:

ISL3685
HFA3783
ISL3183
ISL3873

11Mbps CHANNEL 6 Processing Gain						
Gp = (S/N)o + Mj + Lsys						
Freq. (MHz)	Gp (dB)	(S/N)o (dB)	Mj=J/S (dB)	Lsys (dB)	Jammer (dBm)	PER (%)
2428.50	23.9	16.4	5.5	2.0	-57.2	<=8.0
2428.55	23.9	16.4	5.5	2.0	-57.2	<=8.0
2428.60	23.9	16.4	5.5	2.0	-57.2	<=8.0
2428.65	23.8	16.4	5.4	2.0	-57.3	<=8.0
2428.70	23.8	16.4	5.4	2.0	-57.3	<=8.0
2428.75	24.0	16.4	5.6	2.0	-57.1	<=8.0
2428.80	24.1	16.4	5.7	2.0	-57.0	<=8.0
2428.85	24.1	16.4	5.7	2.0	-57.0	<=8.0
2428.90	24.2	16.4	5.8	2.0	-56.9	<=8.0
2428.95	24.1	16.4	5.7	2.0	-57.0	<=8.0
2429.00	24.4	16.4	6.0	2.0	-56.7	<=8.0
2429.05	24.3	16.4	5.9	2.0	-56.8	<=8.0
2429.10	24.3	16.4	5.9	2.0	-56.8	<=8.0
2429.15	24.3	16.4	5.9	2.0	-56.8	<=8.0
2429.20	24.4	16.4	6.0	2.0	-56.7	<=8.0
2429.25	23.7	16.4	5.3	2.0	-57.4	<=8.0
2429.30	23.3	16.4	4.9	2.0	-57.8	<=8.0
2429.35	23.2	16.4	4.8	2.0	-57.9	<=8.0
2429.40	22.2	16.4	3.8	2.0	-58.9	<=8.0
2429.45	21.3	16.4	2.9	2.0	-59.8	<=8.0
2429.50	21.2	16.4	2.8	2.0	-59.9	<=8.0
2429.55	21.1	16.4	2.7	2.0	-60.0	<=8.0
2429.60	21.1	16.4	2.7	2.0	-60.0	<=8.0
2429.65	21.0	16.4	2.6	2.0	-60.1	<=8.0
2429.70	21.0	16.4	2.6	2.0	-60.1	<=8.0
2429.75	20.8	16.4	2.4	2.0	-60.3	<=8.0
2429.80	20.7	16.4	2.3	2.0	-60.4	<=8.0
2429.85	21.1	16.4	2.7	2.0	-60.0	<=8.0
2429.90	21.0	16.4	2.6	2.0	-60.1	<=8.0
2429.95	21.1	16.4	2.7	2.0	-60.0	<=8.0
2430.00	20.9	16.4	2.5	2.0	-60.2	<=8.0
2430.05	20.9	16.4	2.5	2.0	-60.2	<=8.0
2430.10	20.5	16.4	2.1	2.0	-60.6	<=8.0
2430.15	19.5	16.4	1.1	2.0	-61.6	<=8.0
2430.20	19.5	16.4	1.1	2.0	-61.6	<=8.0
2430.25	19.0	16.4	0.6	2.0	-62.1	<=8.0
2430.30	19.0	16.4	0.6	2.0	-62.1	<=8.0
2430.35	18.7	16.4	0.3	2.0	-62.4	<=8.0
2430.40	18.7	16.4	0.3	2.0	-62.4	<=8.0
2430.45	18.5	16.4	0.1	2.0	-62.6	<=8.0
2430.50	18.4	16.4	0.0	2.0	-62.7	<=8.0
2430.55	18.4	16.4	0.0	2.0	-62.7	<=8.0
2430.60	18.4	16.4	0.0	2.0	-62.7	<=8.0
2430.65	18.1	16.4	-0.3	2.0	-63.0	<=8.0

2430.70	17.9	16.4	-0.5	2.0	-63.2	<=8.0
2430.75	17.4	16.4	-1.0	2.0	-63.7	<=8.0
2430.80	17.4	16.4	-1.0	2.0	-63.7	<=8.0
2430.85	17.1	16.4	-1.3	2.0	-64.0	<=8.0
2430.90	17.1	16.4	-1.3	2.0	-64.0	<=8.0
2430.95	16.9	16.4	-1.5	2.0	-64.2	<=8.0
2431.00	16.8	16.4	-1.6	2.0	-64.3	<=8.0
2431.05	16.7	16.4	-1.7	2.0	-64.4	<=8.0
2431.10	16.7	16.4	-1.7	2.0	-64.4	<=8.0
2431.15	16.3	16.4	-2.1	2.0	-64.8	<=8.0
2431.20	16.5	16.4	-1.9	2.0	-64.6	<=8.0
2431.25	16.4	16.4	-2.0	2.0	-64.7	<=8.0
2431.30	16.3	16.4	-2.1	2.0	-64.8	<=8.0
2431.35	16.3	16.4	-2.1	2.0	-64.8	<=8.0
2431.40	15.8	16.4	-2.6	2.0	-65.3	<=8.0
2431.45	15.9	16.4	-2.5	2.0	-65.2	<=8.0
2431.50	15.7	16.4	-2.7	2.0	-65.4	<=8.0
2431.55	15.5	16.4	-2.9	2.0	-65.6	<=8.0
2431.60	15.4	16.4	-3.0	2.0	-65.7	<=8.0
2431.65	15.2	16.4	-3.2	2.0	-65.9	<=8.0
2431.70	15.1	16.4	-3.3	2.0	-66.0	<=8.0
2431.75	15.0	16.4	-3.4	2.0	-66.1	<=8.0
2431.80	15.0	16.4	-3.4	2.0	-66.1	<=8.0
2431.85	14.9	16.4	-3.5	2.0	-66.2	<=8.0
2431.90	15.0	16.4	-3.4	2.0	-66.1	<=8.0
2431.95	15.1	16.4	-3.3	2.0	-66.0	<=8.0
2432.00	15.1	16.4	-3.3	2.0	-66.0	<=8.0
2432.05	15.1	16.4	-3.3	2.0	-66.0	<=8.0
2432.10	15.0	16.4	-3.4	2.0	-66.1	<=8.0
2432.15	14.8	16.4	-3.6	2.0	-66.3	<=8.0
2432.20	14.9	16.4	-3.5	2.0	-66.2	<=8.0
2432.25	14.9	16.4	-3.5	2.0	-66.2	<=8.0
2432.30	14.8	16.4	-3.6	2.0	-66.3	<=8.0
2432.35	14.6	16.4	-3.8	2.0	-66.5	<=8.0
2432.40	14.3	16.4	-4.1	2.0	-66.8	<=8.0
2432.45	14.5	16.4	-3.9	2.0	-66.6	<=8.0
2432.50	14.6	16.4	-3.8	2.0	-66.5	<=8.0
2432.55	14.5	16.4	-3.9	2.0	-66.6	<=8.0
2432.60	14.3	16.4	-4.1	2.0	-66.8	<=8.0
2432.65	14.3	16.4	-4.1	2.0	-66.8	<=8.0
2432.70	14.2	16.4	-4.2	2.0	-66.9	<=8.0
2432.75	14.1	16.4	-4.3	2.0	-67.0	<=8.0
2432.80	14.1	16.4	-4.3	2.0	-67.0	<=8.0
2432.85	13.8	16.4	-4.6	2.0	-67.3	<=8.0
2432.90	13.5	16.4	-4.9	2.0	-67.6	<=8.0
2432.95	13.7	16.4	-4.7	2.0	-67.4	<=8.0
2433.00	13.6	16.4	-4.8	2.0	-67.5	<=8.0
2433.05	13.5	16.4	-4.9	2.0	-67.6	<=8.0
2433.10	13.5	16.4	-4.9	2.0	-67.6	<=8.0
2433.15	13.5	16.4	-4.9	2.0	-67.6	<=8.0
2433.20	13.6	16.4	-4.8	2.0	-67.5	<=8.0
2433.25	13.7	16.4	-4.7	2.0	-67.4	<=8.0

2433.30	13.7	16.4	-4.7	2.0	-67.4	<=8.0
2433.35	13.6	16.4	-4.8	2.0	-67.5	<=8.0
2433.40	13.5	16.4	-4.9	2.0	-67.6	<=8.0
2433.45	13.4	16.4	-5.0	2.0	-67.7	<=8.0
2433.50	13.4	16.4	-5.0	2.0	-67.7	<=8.0
2433.55	13.4	16.4	-5.0	2.0	-67.7	<=8.0
2433.60	13.4	16.4	-5.0	2.0	-67.7	<=8.0
2433.65	12.9	16.4	-5.5	2.0	-68.2	<=8.0
2433.70	12.9	16.4	-5.5	2.0	-68.2	<=8.0
2433.75	12.9	16.4	-5.5	2.0	-68.2	<=8.0
2433.80	13.1	16.4	-5.3	2.0	-68.0	<=8.0
2433.85	12.9	16.4	-5.5	2.0	-68.2	<=8.0
2433.90	12.7	16.4	-5.7	2.0	-68.4	<=8.0
2433.95	13.4	16.4	-5.0	2.0	-67.7	<=8.0
2434.00	13.4	16.4	-5.0	2.0	-67.7	<=8.0
2434.05	13.4	16.4	-5.0	2.0	-67.7	<=8.0
2434.10	13.3	16.4	-5.1	2.0	-67.8	<=8.0
2434.15	13.2	16.4	-5.2	2.0	-67.9	<=8.0
2434.20	13.0	16.4	-5.4	2.0	-68.1	<=8.0
2434.25	13.0	16.4	-5.4	2.0	-68.1	<=8.0
2434.30	13.0	16.4	-5.4	2.0	-68.1	<=8.0
2434.35	13.0	16.4	-5.4	2.0	-68.1	<=8.0
2434.40	12.6	16.4	-5.8	2.0	-68.5	<=8.0
2434.45	12.8	16.4	-5.6	2.0	-68.3	<=8.0
2434.50	12.9	16.4	-5.5	2.0	-68.2	<=8.0
2434.55	12.8	16.4	-5.6	2.0	-68.3	<=8.0
2434.60	12.8	16.4	-5.6	2.0	-68.3	<=8.0
2434.65	12.7	16.4	-5.7	2.0	-68.4	<=8.0
2434.70	12.7	16.4	-5.7	2.0	-68.4	<=8.0
2434.75	12.8	16.4	-5.6	2.0	-68.3	<=8.0
2434.80	12.8	16.4	-5.6	2.0	-68.3	<=8.0
2434.85	12.3	16.4	-6.1	2.0	-68.8	<=8.0
2434.90	12.1	16.4	-6.3	2.0	-69.0	<=8.0
2434.95	12.4	16.4	-6.0	2.0	-68.7	<=8.0
2435.00	12.4	16.4	-6.0	2.0	-68.7	<=8.0
2435.05	12.4	16.4	-6.0	2.0	-68.7	<=8.0
2435.10	12.6	16.4	-5.8	2.0	-68.5	<=8.0
2435.15	12.5	16.4	-5.9	2.0	-68.6	<=8.0
2435.20	12.7	16.4	-5.7	2.0	-68.4	<=8.0
2435.25	12.7	16.4	-5.7	2.0	-68.4	<=8.0
2435.30	12.9	16.4	-5.5	2.0	-68.2	<=8.0
2435.35	12.9	16.4	-5.5	2.0	-68.2	<=8.0
2435.40	12.9	16.4	-5.5	2.0	-68.2	<=8.0
2435.45	12.6	16.4	-5.8	2.0	-68.5	<=8.0
2435.50	12.9	16.4	-5.5	2.0	-68.2	<=8.0
2435.55	12.9	16.4	-5.5	2.0	-68.2	<=8.0
2435.60	12.9	16.4	-5.5	2.0	-68.2	<=8.0
2435.65	12.8	16.4	-5.6	2.0	-68.3	<=8.0
2435.70	12.4	16.4	-6.0	2.0	-68.7	<=8.0
2435.75	12.5	16.4	-5.9	2.0	-68.6	<=8.0
2435.80	12.5	16.4	-5.9	2.0	-68.6	<=8.0
2435.85	12.5	16.4	-5.9	2.0	-68.6	<=8.0

2435.90	12.6	16.4	-5.8	2.0	-68.5	<=8.0
2435.95	12.8	16.4	-5.6	2.0	-68.3	<=8.0
2436.00	12.9	16.4	-5.5	2.0	-68.2	<=8.0
2436.05	13.1	16.4	-5.3	2.0	-68.0	<=8.0
2436.10	13.1	16.4	-5.3	2.0	-68.0	<=8.0
2436.15	13.1	16.4	-5.3	2.0	-68.0	<=8.0
2436.20	13.0	16.4	-5.4	2.0	-68.1	<=8.0
2436.25	13.2	16.4	-5.2	2.0	-67.9	<=8.0
2436.30	13.1	16.4	-5.3	2.0	-68.0	<=8.0
2436.35	13.0	16.4	-5.4	2.0	-68.1	<=8.0
2436.40	12.4	16.4	-6.0	2.0	-68.7	<=8.0
2436.45	13.0	16.4	-5.4	2.0	-68.1	<=8.0
2436.50	13.1	16.4	-5.3	2.0	-68.0	<=8.0
2436.55	13.0	16.4	-5.4	2.0	-68.1	<=8.0
2436.60	12.5	16.4	-5.9	2.0	-68.6	<=8.0
2436.65	12.6	16.4	-5.8	2.0	-68.5	<=8.0
2436.70	13.1	16.4	-5.3	2.0	-68.0	<=8.0
2436.75	13.1	16.4	-5.3	2.0	-68.0	<=8.0
2436.80	13.1	16.4	-5.3	2.0	-68.0	<=8.0
2436.85	12.9	16.4	-5.5	2.0	-68.2	<=8.0
2436.90	12.8	16.4	-5.6	2.0	-68.3	<=8.0
2436.95	12.8	16.4	-5.6	2.0	-68.3	<=8.0
2437.00	12.7	16.4	-5.7	2.0	-68.4	<=8.0
2437.05	12.9	16.4	-5.5	2.0	-68.2	<=8.0
2437.10	12.7	16.4	-5.7	2.0	-68.4	<=8.0
2437.15	12.8	16.4	-5.6	2.0	-68.3	<=8.0
2437.20	13.0	16.4	-5.4	2.0	-68.1	<=8.0
2437.25	13.0	16.4	-5.4	2.0	-68.1	<=8.0
2437.30	13.0	16.4	-5.4	2.0	-68.1	<=8.0
2437.35	13.1	16.4	-5.3	2.0	-68.0	<=8.0
2437.40	13.1	16.4	-5.3	2.0	-68.0	<=8.0
2437.45	13.0	16.4	-5.4	2.0	-68.1	<=8.0
2437.50	13.3	16.4	-5.1	2.0	-67.8	<=8.0
2437.55	13.0	16.4	-5.4	2.0	-68.1	<=8.0
2437.60	13.1	16.4	-5.3	2.0	-68.0	<=8.0
2437.65	12.6	16.4	-5.8	2.0	-68.5	<=8.0
2437.70	12.9	16.4	-5.5	2.0	-68.2	<=8.0
2437.75	12.6	16.4	-5.8	2.0	-68.5	<=8.0
2437.80	12.8	16.4	-5.6	2.0	-68.3	<=8.0
2437.85	12.6	16.4	-5.8	2.0	-68.5	<=8.0
2437.90	12.2	16.4	-6.2	2.0	-68.9	<=8.0
2437.95	12.8	16.4	-5.6	2.0	-68.3	<=8.0
2438.00	13.0	16.4	-5.4	2.0	-68.1	<=8.0
2438.05	13.1	16.4	-5.3	2.0	-68.0	<=8.0
2438.10	13.2	16.4	-5.2	2.0	-67.9	<=8.0
2438.15	13.3	16.4	-5.1	2.0	-67.8	<=8.0
2438.20	13.2	16.4	-5.2	2.0	-67.9	<=8.0
2438.25	13.0	16.4	-5.4	2.0	-68.1	<=8.0
2438.30	13.1	16.4	-5.3	2.0	-68.0	<=8.0
2438.35	13.1	16.4	-5.3	2.0	-68.0	<=8.0
2438.40	12.5	16.4	-5.9	2.0	-68.6	<=8.0
2438.45	13.1	16.4	-5.3	2.0	-68.0	<=8.0

2438.50	13.1	16.4	-5.3	2.0	-68.0	<=8.0
2438.55	13.0	16.4	-5.4	2.0	-68.1	<=8.0
2438.60	12.9	16.4	-5.5	2.0	-68.2	<=8.0
2438.65	12.9	16.4	-5.5	2.0	-68.2	<=8.0
2438.70	13.1	16.4	-5.3	2.0	-68.0	<=8.0
2438.75	13.1	16.4	-5.3	2.0	-68.0	<=8.0
2438.80	13.0	16.4	-5.4	2.0	-68.1	<=8.0
2438.85	13.0	16.4	-5.4	2.0	-68.1	<=8.0
2438.90	12.9	16.4	-5.5	2.0	-68.2	<=8.0
2438.95	12.9	16.4	-5.5	2.0	-68.2	<=8.0
2439.00	12.8	16.4	-5.6	2.0	-68.3	<=8.0
2439.05	12.7	16.4	-5.7	2.0	-68.4	<=8.0
2439.10	12.8	16.4	-5.6	2.0	-68.3	<=8.0
2439.15	12.7	16.4	-5.7	2.0	-68.4	<=8.0
2439.20	12.7	16.4	-5.7	2.0	-68.4	<=8.0
2439.25	12.8	16.4	-5.6	2.0	-68.3	<=8.0
2439.30	12.8	16.4	-5.6	2.0	-68.3	<=8.0
2439.35	12.8	16.4	-5.6	2.0	-68.3	<=8.0
2439.40	12.9	16.4	-5.5	2.0	-68.2	<=8.0
2439.45	12.9	16.4	-5.5	2.0	-68.2	<=8.0
2439.50	13.0	16.4	-5.4	2.0	-68.1	<=8.0
2439.55	12.8	16.4	-5.6	2.0	-68.3	<=8.0
2439.60	12.8	16.4	-5.6	2.0	-68.3	<=8.0
2439.65	12.5	16.4	-5.9	2.0	-68.6	<=8.0
2439.70	12.5	16.4	-5.9	2.0	-68.6	<=8.0
2439.75	12.4	16.4	-6.0	2.0	-68.7	<=8.0
2439.80	12.6	16.4	-5.8	2.0	-68.5	<=8.0
2439.85	12.3	16.4	-6.1	2.0	-68.8	<=8.0
2439.90	12.6	16.4	-5.8	2.0	-68.5	<=8.0
2439.95	12.5	16.4	-5.9	2.0	-68.6	<=8.0
2440.00	12.5	16.4	-5.9	2.0	-68.6	<=8.0
2440.05	12.9	16.4	-5.5	2.0	-68.2	<=8.0
2440.10	13.2	16.4	-5.2	2.0	-67.9	<=8.0
2440.15	13.2	16.4	-5.2	2.0	-67.9	<=8.0
2440.20	13.3	16.4	-5.1	2.0	-67.8	<=8.0
2440.25	13.5	16.4	-4.9	2.0	-67.6	<=8.0
2440.30	13.6	16.4	-4.8	2.0	-67.5	<=8.0
2440.35	13.2	16.4	-5.2	2.0	-67.9	<=8.0
2440.40	12.8	16.4	-5.6	2.0	-68.3	<=8.0
2440.45	13.3	16.4	-5.1	2.0	-67.8	<=8.0
2440.50	13.5	16.4	-4.9	2.0	-67.6	<=8.0
2440.55	13.3	16.4	-5.1	2.0	-67.8	<=8.0
2440.60	12.5	16.4	-5.9	2.0	-68.6	<=8.0
2440.65	12.5	16.4	-5.9	2.0	-68.6	<=8.0
2440.70	13.7	16.4	-4.7	2.0	-67.4	<=8.0
2440.75	13.7	16.4	-4.7	2.0	-67.4	<=8.0
2440.80	13.8	16.4	-4.6	2.0	-67.3	<=8.0
2440.85	12.9	16.4	-5.5	2.0	-68.2	<=8.0
2440.90	13.8	16.4	-4.6	2.0	-67.3	<=8.0
2440.95	14.0	16.4	-4.4	2.0	-67.1	<=8.0
2441.00	14.1	16.4	-4.3	2.0	-67.0	<=8.0
2441.05	13.9	16.4	-4.5	2.0	-67.2	<=8.0

2441.10	13.9	16.4	-4.5	2.0	-67.2	<=8.0
2441.15	13.8	16.4	-4.6	2.0	-67.3	<=8.0
2441.20	14.1	16.4	-4.3	2.0	-67.0	<=8.0
2441.25	14.1	16.4	-4.3	2.0	-67.0	<=8.0
2441.30	14.0	16.4	-4.4	2.0	-67.1	<=8.0
2441.35	14.4	16.4	-4.0	2.0	-66.7	<=8.0
2441.40	14.4	16.4	-4.0	2.0	-66.7	<=8.0
2441.45	14.3	16.4	-4.1	2.0	-66.8	<=8.0
2441.50	14.5	16.4	-3.9	2.0	-66.6	<=8.0
2441.55	14.6	16.4	-3.8	2.0	-66.5	<=8.0
2441.60	14.7	16.4	-3.7	2.0	-66.4	<=8.0
2441.65	14.6	16.4	-3.8	2.0	-66.5	<=8.0
2441.70	14.6	16.4	-3.8	2.0	-66.5	<=8.0
2441.75	14.5	16.4	-3.9	2.0	-66.6	<=8.0
2441.80	14.4	16.4	-4.0	2.0	-66.7	<=8.0
2441.85	14.3	16.4	-4.1	2.0	-66.8	<=8.0
2441.90	14.3	16.4	-4.1	2.0	-66.8	<=8.0
2441.95	14.5	16.4	-3.9	2.0	-66.6	<=8.0
2442.00	14.7	16.4	-3.7	2.0	-66.4	<=8.0
2442.05	14.9	16.4	-3.5	2.0	-66.2	<=8.0
2442.10	15.0	16.4	-3.4	2.0	-66.1	<=8.0
2442.15	15.1	16.4	-3.3	2.0	-66.0	<=8.0
2442.20	15.2	16.4	-3.2	2.0	-65.9	<=8.0
2442.25	15.5	16.4	-2.9	2.0	-65.6	<=8.0
2442.30	15.7	16.4	-2.7	2.0	-65.4	<=8.0
2442.35	15.7	16.4	-2.7	2.0	-65.4	<=8.0
2442.40	15.5	16.4	-2.9	2.0	-65.6	<=8.0
2442.45	15.9	16.4	-2.5	2.0	-65.2	<=8.0
2442.50	15.9	16.4	-2.5	2.0	-65.2	<=8.0
2442.55	16.0	16.4	-2.4	2.0	-65.1	<=8.0
2442.60	16.1	16.4	-2.3	2.0	-65.0	<=8.0
2442.65	16.1	16.4	-2.3	2.0	-65.0	<=8.0
2442.70	16.1	16.4	-2.3	2.0	-65.0	<=8.0
2442.75	16.2	16.4	-2.2	2.0	-64.9	<=8.0
2442.80	16.3	16.4	-2.1	2.0	-64.8	<=8.0
2442.85	16.4	16.4	-2.0	2.0	-64.7	<=8.0
2442.90	16.7	16.4	-1.7	2.0	-64.4	<=8.0
2442.95	16.9	16.4	-1.5	2.0	-64.2	<=8.0
2443.00	17.0	16.4	-1.4	2.0	-64.1	<=8.0
2443.05	17.1	16.4	-1.3	2.0	-64.0	<=8.0
2443.10	17.2	16.4	-1.2	2.0	-63.9	<=8.0
2443.15	17.2	16.4	-1.2	2.0	-63.9	<=8.0
2443.20	17.4	16.4	-1.0	2.0	-63.7	<=8.0
2443.25	17.6	16.4	-0.8	2.0	-63.5	<=8.0
2443.30	17.7	16.4	-0.7	2.0	-63.4	<=8.0
2443.35	17.7	16.4	-0.7	2.0	-63.4	<=8.0
2443.40	17.7	16.4	-0.7	2.0	-63.4	<=8.0
2443.45	18.0	16.4	-0.4	2.0	-63.1	<=8.0
2443.50	18.3	16.4	-0.1	2.0	-62.8	<=8.0
2443.55	18.6	16.4	0.2	2.0	-62.5	<=8.0
2443.60	18.6	16.4	0.2	2.0	-62.5	<=8.0
2443.65	18.9	16.4	0.5	2.0	-62.2	<=8.0

2443.70	19.0	16.4	0.6	2.0	-62.1	<=8.0
2443.75	19.1	16.4	0.7	2.0	-62.0	<=8.0
2443.80	19.2	16.4	0.8	2.0	-61.9	<=8.0
2443.85	19.2	16.4	0.8	2.0	-61.9	<=8.0
2443.90	19.4	16.4	1.0	2.0	-61.7	<=8.0
2443.95	19.7	16.4	1.3	2.0	-61.4	<=8.0
2444.00	19.8	16.4	1.4	2.0	-61.3	<=8.0
2444.05	20.1	16.4	1.7	2.0	-61.0	<=8.0
2444.10	20.5	16.4	2.1	2.0	-60.6	<=8.0
2444.15	20.8	16.4	2.4	2.0	-60.3	<=8.0
2444.20	21.1	16.4	2.7	2.0	-60.0	<=8.0
2444.25	21.6	16.4	3.2	2.0	-59.5	<=8.0
2444.30	21.7	16.4	3.3	2.0	-59.4	<=8.0
2444.35	21.8	16.4	3.4	2.0	-59.3	<=8.0
2444.40	21.9	16.4	3.5	2.0	-59.2	<=8.0
2444.45	21.9	16.4	3.5	2.0	-59.2	<=8.0
2444.50	22.0	16.4	3.6	2.0	-59.1	<=8.0
2444.55	23.3	16.4	4.9	2.0	-57.8	<=8.0
2444.60	23.4	16.4	5.0	2.0	-57.7	<=8.0
2444.65	23.6	16.4	5.2	2.0	-57.5	<=8.0
2444.70	24.0	16.4	5.6	2.0	-57.1	<=8.0
2444.75	24.0	16.4	5.6	2.0	-57.1	<=8.0
2444.80	23.9	16.4	5.5	2.0	-57.2	<=8.0
2444.85	23.9	16.4	5.5	2.0	-57.2	<=8.0
2444.90	23.8	16.4	5.4	2.0	-57.3	<=8.0
2444.95	25.0	16.4	6.6	2.0	-56.1	<=8.0
2445.00	25.2	16.4	6.8	2.0	-55.9	<=8.0
2445.05	25.3	16.4	6.9	2.0	-55.8	<=8.0
2445.10	25.4	16.4	7.0	2.0	-55.7	<=8.0
2445.15	25.6	16.4	7.2	2.0	-55.5	<=8.0
2445.20	25.8	16.4	7.4	2.0	-55.3	<=8.0
2445.25	25.9	16.4	7.5	2.0	-55.2	<=8.0
2445.30	26.3	16.4	7.9	2.0	-54.8	<=8.0
2445.35	26.5	16.4	8.1	2.0	-54.6	<=8.0
2445.40	26.6	16.4	8.2	2.0	-54.5	<=8.0
2445.45	26.5	16.4	8.1	2.0	-54.6	<=8.0
2445.50	26.3	16.4	7.9	2.0	-54.8	<=8.0

12.9

Test Conditions

TX Card **PS7100**

RX Card **PS7100**

TX Firmware **ID010001,
PK010005,
SF010304**
RX Firmware **ID010001,
PK010005,
SF010304**

Software Ver. **3.0.24**
Mode **11 MB**
Pseudo
IBSS

Pkt Size
Pkt Dly **1**
Pkt Burst **6**

Intersil Chips **ISL3984**
on Card:

ISL3685
HFA3783
ISL3183
ISL3873

11Mbps CHANNEL 11 Processing Gain						
Gp = (S/N)o + Mj + Lsys						
Freq. (MHz)	Gp (dB)	(S/N)o (dB)	Mj=J/S (dB)	Lsys (dB)	Jammer (dBm)	PER (%)
2453.50	25.4	16.4	7.0	2.0	-55.2	<=8.0
2453.55	24.7	16.4	6.3	2.0	-55.9	<=8.0
2453.60	24.2	16.4	5.8	2.0	-56.4	<=8.0
2453.65	24.0	16.4	5.6	2.0	-56.6	<=8.0
2453.70	24.0	16.4	5.6	2.0	-56.6	<=8.0
2453.75	24.2	16.4	5.8	2.0	-56.4	<=8.0
2453.80	24.3	16.4	5.9	2.0	-56.3	<=8.0
2453.85	24.3	16.4	5.9	2.0	-56.3	<=8.0
2453.90	24.2	16.4	5.8	2.0	-56.4	<=8.0
2453.95	24.2	16.4	5.8	2.0	-56.4	<=8.0
2454.00	24.0	16.4	5.6	2.0	-56.6	<=8.0
2454.05	24.4	16.4	6.0	2.0	-56.2	<=8.0
2454.10	24.4	16.4	6.0	2.0	-56.2	<=8.0
2454.15	24.4	16.4	6.0	2.0	-56.2	<=8.0
2454.20	24.5	16.4	6.1	2.0	-56.1	<=8.0
2454.25	24.5	16.4	6.1	2.0	-56.1	<=8.0
2454.30	23.7	16.4	5.3	2.0	-56.9	<=8.0
2454.35	23.7	16.4	5.3	2.0	-56.9	<=8.0
2454.40	23.6	16.4	5.2	2.0	-57.0	<=8.0
2454.45	23.2	16.4	4.8	2.0	-57.4	<=8.0
2454.50	23.3	16.4	4.9	2.0	-57.3	<=8.0
2454.55	23.2	16.4	4.8	2.0	-57.4	<=8.0
2454.60	22.8	16.4	4.4	2.0	-57.8	<=8.0
2454.65	21.9	16.4	3.5	2.0	-58.7	<=8.0
2454.70	22.3	16.4	3.9	2.0	-58.3	<=8.0
2454.75	22.1	16.4	3.7	2.0	-58.5	<=8.0
2454.80	22.0	16.4	3.6	2.0	-58.6	<=8.0
2454.85	20.4	16.4	2.0	2.0	-60.2	<=8.0
2454.90	20.8	16.4	2.4	2.0	-59.8	<=8.0
2454.95	20.7	16.4	2.3	2.0	-59.9	<=8.0
2455.00	21.0	16.4	2.6	2.0	-59.6	<=8.0
2455.05	21.0	16.4	2.6	2.0	-59.6	<=8.0
2455.10	20.7	16.4	2.3	2.0	-59.9	<=8.0
2455.15	19.9	16.4	1.5	2.0	-60.7	<=8.0
2455.20	20.0	16.4	1.6	2.0	-60.6	<=8.0
2455.25	20.0	16.4	1.6	2.0	-60.6	<=8.0
2455.30	19.4	16.4	1.0	2.0	-61.2	<=8.0
2455.35	19.4	16.4	1.0	2.0	-61.2	<=8.0
2455.40	19.2	16.4	0.8	2.0	-61.4	<=8.0
2455.45	19.0	16.4	0.6	2.0	-61.6	<=8.0
2455.50	18.8	16.4	0.4	2.0	-61.8	<=8.0
2455.55	18.8	16.4	0.4	2.0	-61.8	<=8.0
2455.60	18.8	16.4	0.4	2.0	-61.8	<=8.0
2455.65	18.4	16.4	0.0	2.0	-62.2	<=8.0

2455.70	18.2	16.4	-0.2	2.0	-62.4	<=8.0
2455.75	17.5	16.4	-0.9	2.0	-63.1	<=8.0
2455.80	17.5	16.4	-0.9	2.0	-63.1	<=8.0
2455.85	17.0	16.4	-1.4	2.0	-63.6	<=8.0
2455.90	17.2	16.4	-1.2	2.0	-63.4	<=8.0
2455.95	17.0	16.4	-1.4	2.0	-63.6	<=8.0
2456.00	17.0	16.4	-1.4	2.0	-63.6	<=8.0
2456.05	16.8	16.4	-1.6	2.0	-63.8	<=8.0
2456.10	16.9	16.4	-1.5	2.0	-63.7	<=8.0
2456.15	16.6	16.4	-1.8	2.0	-64.0	<=8.0
2456.20	16.5	16.4	-1.9	2.0	-64.1	<=8.0
2456.25	16.5	16.4	-1.9	2.0	-64.1	<=8.0
2456.30	16.7	16.4	-1.7	2.0	-63.9	<=8.0
2456.35	16.5	16.4	-1.9	2.0	-64.1	<=8.0
2456.40	16.1	16.4	-2.3	2.0	-64.5	<=8.0
2456.45	16.0	16.4	-2.4	2.0	-64.6	<=8.0
2456.50	15.9	16.4	-2.5	2.0	-64.7	<=8.0
2456.55	15.8	16.4	-2.6	2.0	-64.8	<=8.0
2456.60	15.7	16.4	-2.7	2.0	-64.9	<=8.0
2456.65	15.4	16.4	-3.0	2.0	-65.2	<=8.0
2456.70	15.4	16.4	-3.0	2.0	-65.2	<=8.0
2456.75	15.2	16.4	-3.2	2.0	-65.4	<=8.0
2456.80	15.1	16.4	-3.3	2.0	-65.5	<=8.0
2456.85	14.9	16.4	-3.5	2.0	-65.7	<=8.0
2456.90	15.1	16.4	-3.3	2.0	-65.5	<=8.0
2456.95	15.1	16.4	-3.3	2.0	-65.5	<=8.0
2457.00	15.1	16.4	-3.3	2.0	-65.5	<=8.0
2457.05	15.1	16.4	-3.3	2.0	-65.5	<=8.0
2457.10	15.0	16.4	-3.4	2.0	-65.6	<=8.0
2457.15	14.9	16.4	-3.5	2.0	-65.7	<=8.0
2457.20	14.9	16.4	-3.5	2.0	-65.7	<=8.0
2457.25	14.9	16.4	-3.5	2.0	-65.7	<=8.0
2457.30	14.9	16.4	-3.5	2.0	-65.7	<=8.0
2457.35	14.7	16.4	-3.7	2.0	-65.9	<=8.0
2457.40	14.4	16.4	-4.0	2.0	-66.2	<=8.0
2457.45	14.5	16.4	-3.9	2.0	-66.1	<=8.0
2457.50	14.7	16.4	-3.7	2.0	-65.9	<=8.0
2457.55	14.7	16.4	-3.7	2.0	-65.9	<=8.0
2457.60	14.5	16.4	-3.9	2.0	-66.1	<=8.0
2457.65	14.4	16.4	-4.0	2.0	-66.2	<=8.0
2457.70	14.3	16.4	-4.1	2.0	-66.3	<=8.0
2457.75	14.3	16.4	-4.1	2.0	-66.3	<=8.0
2457.80	14.1	16.4	-4.3	2.0	-66.5	<=8.0
2457.85	13.9	16.4	-4.5	2.0	-66.7	<=8.0
2457.90	13.5	16.4	-4.9	2.0	-67.1	<=8.0
2457.95	13.7	16.4	-4.7	2.0	-66.9	<=8.0
2458.00	13.7	16.4	-4.7	2.0	-66.9	<=8.0
2458.05	13.6	16.4	-4.8	2.0	-67.0	<=8.0
2458.10	13.6	16.4	-4.8	2.0	-67.0	<=8.0
2458.15	13.6	16.4	-4.8	2.0	-67.0	<=8.0
2458.20	13.5	16.4	-4.9	2.0	-67.1	<=8.0
2458.25	13.5	16.4	-4.9	2.0	-67.1	<=8.0

2458.30	13.7	16.4	-4.7	2.0	-66.9	<=8.0
2458.35	13.7	16.4	-4.7	2.0	-66.9	<=8.0
2458.40	13.6	16.4	-4.8	2.0	-67.0	<=8.0
2458.45	13.5	16.4	-4.9	2.0	-67.1	<=8.0
2458.50	13.4	16.4	-5.0	2.0	-67.2	<=8.0
2458.55	13.5	16.4	-4.9	2.0	-67.1	<=8.0
2458.60	13.3	16.4	-5.1	2.0	-67.3	<=8.0
2458.65	13.0	16.4	-5.4	2.0	-67.6	<=8.0
2458.70	13.0	16.4	-5.4	2.0	-67.6	<=8.0
2458.75	12.9	16.4	-5.5	2.0	-67.7	<=8.0
2458.80	13.1	16.4	-5.3	2.0	-67.5	<=8.0
2458.85	13.0	16.4	-5.4	2.0	-67.6	<=8.0
2458.90	12.6	16.4	-5.8	2.0	-68.0	<=8.0
2458.95	13.2	16.4	-5.2	2.0	-67.4	<=8.0
2459.00	13.3	16.4	-5.1	2.0	-67.3	<=8.0
2459.05	13.4	16.4	-5.0	2.0	-67.2	<=8.0
2459.10	13.3	16.4	-5.1	2.0	-67.3	<=8.0
2459.15	13.2	16.4	-5.2	2.0	-67.4	<=8.0
2459.20	13.0	16.4	-5.4	2.0	-67.6	<=8.0
2459.25	13.0	16.4	-5.4	2.0	-67.6	<=8.0
2459.30	13.0	16.4	-5.4	2.0	-67.6	<=8.0
2459.35	12.9	16.4	-5.5	2.0	-67.7	<=8.0
2459.40	12.4	16.4	-6.0	2.0	-68.2	<=8.0
2459.45	12.6	16.4	-5.8	2.0	-68.0	<=8.0
2459.50	12.6	16.4	-5.8	2.0	-68.0	<=8.0
2459.55	12.6	16.4	-5.8	2.0	-68.0	<=8.0
2459.60	12.6	16.4	-5.8	2.0	-68.0	<=8.0
2459.65	12.7	16.4	-5.7	2.0	-67.9	<=8.0
2459.70	12.6	16.4	-5.8	2.0	-68.0	<=8.0
2459.75	12.8	16.4	-5.6	2.0	-67.8	<=8.0
2459.80	12.8	16.4	-5.6	2.0	-67.8	<=8.0
2459.85	12.6	16.4	-5.8	2.0	-68.0	<=8.0
2459.90	12.3	16.4	-6.1	2.0	-68.3	<=8.0
2459.95	12.5	16.4	-5.9	2.0	-68.1	<=8.0
2460.00	12.5	16.4	-5.9	2.0	-68.1	<=8.0
2460.05	12.5	16.4	-5.9	2.0	-68.1	<=8.0
2460.10	12.6	16.4	-5.8	2.0	-68.0	<=8.0
2460.15	12.7	16.4	-5.7	2.0	-67.9	<=8.0
2460.20	12.8	16.4	-5.6	2.0	-67.8	<=8.0
2460.25	12.8	16.4	-5.6	2.0	-67.8	<=8.0
2460.30	12.8	16.4	-5.6	2.0	-67.8	<=8.0
2460.35	12.8	16.4	-5.6	2.0	-67.8	<=8.0
2460.40	12.5	16.4	-5.9	2.0	-68.1	<=8.0
2460.45	12.9	16.4	-5.5	2.0	-67.7	<=8.0
2460.50	12.8	16.4	-5.6	2.0	-67.8	<=8.0
2460.55	12.8	16.4	-5.6	2.0	-67.8	<=8.0
2460.60	12.7	16.4	-5.7	2.0	-67.9	<=8.0
2460.65	12.4	16.4	-6.0	2.0	-68.2	<=8.0
2460.70	12.5	16.4	-5.9	2.0	-68.1	<=8.0
2460.75	12.5	16.4	-5.9	2.0	-68.1	<=8.0
2460.80	12.5	16.4	-5.9	2.0	-68.1	<=8.0
2460.85	12.5	16.4	-5.9	2.0	-68.1	<=8.0

2460.90	12.6	16.4	-5.8	2.0	-68.0	<=8.0
2460.95	12.8	16.4	-5.6	2.0	-67.8	<=8.0
2461.00	12.9	16.4	-5.5	2.0	-67.7	<=8.0
2461.05	13.0	16.4	-5.4	2.0	-67.6	<=8.0
2461.10	13.1	16.4	-5.3	2.0	-67.5	<=8.0
2461.15	13.1	16.4	-5.3	2.0	-67.5	<=8.0
2461.20	13.0	16.4	-5.4	2.0	-67.6	<=8.0
2461.25	13.2	16.4	-5.2	2.0	-67.4	<=8.0
2461.30	13.2	16.4	-5.2	2.0	-67.4	<=8.0
2461.35	13.1	16.4	-5.3	2.0	-67.5	<=8.0
2461.40	12.4	16.4	-6.0	2.0	-68.2	<=8.0
2461.45	13.0	16.4	-5.4	2.0	-67.6	<=8.0
2461.50	13.0	16.4	-5.4	2.0	-67.6	<=8.0
2461.55	13.0	16.4	-5.4	2.0	-67.6	<=8.0
2461.60	12.4	16.4	-6.0	2.0	-68.2	<=8.0
2461.65	12.7	16.4	-5.7	2.0	-67.9	<=8.0
2461.70	13.0	16.4	-5.4	2.0	-67.6	<=8.0
2461.75	13.1	16.4	-5.3	2.0	-67.5	<=8.0
2461.80	13.0	16.4	-5.4	2.0	-67.6	<=8.0
2461.85	12.9	16.4	-5.5	2.0	-67.7	<=8.0
2461.90	12.8	16.4	-5.6	2.0	-67.8	<=8.0
2461.95	12.8	16.4	-5.6	2.0	-67.8	<=8.0
2462.00	12.8	16.4	-5.6	2.0	-67.8	<=8.0
2462.05	12.8	16.4	-5.6	2.0	-67.8	<=8.0
2462.10	12.7	16.4	-5.7	2.0	-67.9	<=8.0
2462.15	12.7	16.4	-5.7	2.0	-67.9	<=8.0
2462.20	12.8	16.4	-5.6	2.0	-67.8	<=8.0
2462.25	12.8	16.4	-5.6	2.0	-67.8	<=8.0
2462.30	13.0	16.4	-5.4	2.0	-67.6	<=8.0
2462.35	13.1	16.4	-5.3	2.0	-67.5	<=8.0
2462.40	13.1	16.4	-5.3	2.0	-67.5	<=8.0
2462.45	13.0	16.4	-5.4	2.0	-67.6	<=8.0
2462.50	13.1	16.4	-5.3	2.0	-67.5	<=8.0
2462.55	13.0	16.4	-5.4	2.0	-67.6	<=8.0
2462.60	13.1	16.4	-5.3	2.0	-67.5	<=8.0
2462.65	12.7	16.4	-5.7	2.0	-67.9	<=8.0
2462.70	12.8	16.4	-5.6	2.0	-67.8	<=8.0
2462.75	12.6	16.4	-5.8	2.0	-68.0	<=8.0
2462.80	12.8	16.4	-5.6	2.0	-67.8	<=8.0
2462.85	12.5	16.4	-5.9	2.0	-68.1	<=8.0
2462.90	12.1	16.4	-6.3	2.0	-68.5	<=8.0
2462.95	12.9	16.4	-5.5	2.0	-67.7	<=8.0
2463.00	12.9	16.4	-5.5	2.0	-67.7	<=8.0
2463.05	13.0	16.4	-5.4	2.0	-67.6	<=8.0
2463.10	13.1	16.4	-5.3	2.0	-67.5	<=8.0
2463.15	13.1	16.4	-5.3	2.0	-67.5	<=8.0
2463.20	13.2	16.4	-5.2	2.0	-67.4	<=8.0
2463.25	13.1	16.4	-5.3	2.0	-67.5	<=8.0
2463.30	13.1	16.4	-5.3	2.0	-67.5	<=8.0
2463.35	13.1	16.4	-5.3	2.0	-67.5	<=8.0
2463.40	12.5	16.4	-5.9	2.0	-68.1	<=8.0
2463.45	13.0	16.4	-5.4	2.0	-67.6	<=8.0

2463.50	13.0	16.4	-5.4	2.0	-67.6	<=8.0
2463.55	12.9	16.4	-5.5	2.0	-67.7	<=8.0
2463.60	12.8	16.4	-5.6	2.0	-67.8	<=8.0
2463.65	12.8	16.4	-5.6	2.0	-67.8	<=8.0
2463.70	12.9	16.4	-5.5	2.0	-67.7	<=8.0
2463.75	13.0	16.4	-5.4	2.0	-67.6	<=8.0
2463.80	13.0	16.4	-5.4	2.0	-67.6	<=8.0
2463.85	13.0	16.4	-5.4	2.0	-67.6	<=8.0
2463.90	12.9	16.4	-5.5	2.0	-67.7	<=8.0
2463.95	12.9	16.4	-5.5	2.0	-67.7	<=8.0
2464.00	12.8	16.4	-5.6	2.0	-67.8	<=8.0
2464.05	12.7	16.4	-5.7	2.0	-67.9	<=8.0
2464.10	12.7	16.4	-5.7	2.0	-67.9	<=8.0
2464.15	12.7	16.4	-5.7	2.0	-67.9	<=8.0
2464.20	12.7	16.4	-5.7	2.0	-67.9	<=8.0
2464.25	12.8	16.4	-5.6	2.0	-67.8	<=8.0
2464.30	12.8	16.4	-5.6	2.0	-67.8	<=8.0
2464.35	12.8	16.4	-5.6	2.0	-67.8	<=8.0
2464.40	12.8	16.4	-5.6	2.0	-67.8	<=8.0
2464.45	12.8	16.4	-5.6	2.0	-67.8	<=8.0
2464.50	13.0	16.4	-5.4	2.0	-67.6	<=8.0
2464.55	12.8	16.4	-5.6	2.0	-67.8	<=8.0
2464.60	12.7	16.4	-5.7	2.0	-67.9	<=8.0
2464.65	12.6	16.4	-5.8	2.0	-68.0	<=8.0
2464.70	12.4	16.4	-6.0	2.0	-68.2	<=8.0
2464.75	12.3	16.4	-6.1	2.0	-68.3	<=8.0
2464.80	12.6	16.4	-5.8	2.0	-68.0	<=8.0
2464.85	12.3	16.4	-6.1	2.0	-68.3	<=8.0
2464.90	12.5	16.4	-5.9	2.0	-68.1	<=8.0
2464.95	12.6	16.4	-5.8	2.0	-68.0	<=8.0
2465.00	12.5	16.4	-5.9	2.0	-68.1	<=8.0
2465.05	12.5	16.4	-5.9	2.0	-68.1	<=8.0
2465.10	12.8	16.4	-5.6	2.0	-67.8	<=8.0
2465.15	12.9	16.4	-5.5	2.0	-67.7	<=8.0
2465.20	13.0	16.4	-5.4	2.0	-67.6	<=8.0
2465.25	13.3	16.4	-5.1	2.0	-67.3	<=8.0
2465.30	13.4	16.4	-5.0	2.0	-67.2	<=8.0
2465.35	13.4	16.4	-5.0	2.0	-67.2	<=8.0
2465.40	12.9	16.4	-5.5	2.0	-67.7	<=8.0
2465.45	13.2	16.4	-5.2	2.0	-67.4	<=8.0
2465.50	13.4	16.4	-5.0	2.0	-67.2	<=8.0
2465.55	13.5	16.4	-4.9	2.0	-67.1	<=8.0
2465.60	13.5	16.4	-4.9	2.0	-67.1	<=8.0
2465.65	12.7	16.4	-5.7	2.0	-67.9	<=8.0
2465.70	13.5	16.4	-4.9	2.0	-67.1	<=8.0
2465.75	13.6	16.4	-4.8	2.0	-67.0	<=8.0
2465.80	13.6	16.4	-4.8	2.0	-67.0	<=8.0
2465.85	13.1	16.4	-5.3	2.0	-67.5	<=8.0
2465.90	13.6	16.4	-4.8	2.0	-67.0	<=8.0
2465.95	13.8	16.4	-4.6	2.0	-66.8	<=8.0
2466.00	13.9	16.4	-4.5	2.0	-66.7	<=8.0
2466.05	14.0	16.4	-4.4	2.0	-66.6	<=8.0

2466.10	14.0	16.4	-4.4	2.0	-66.6	<=8.0
2466.15	13.6	16.4	-4.8	2.0	-67.0	<=8.0
2466.20	13.8	16.4	-4.6	2.0	-66.8	<=8.0
2466.25	14.0	16.4	-4.4	2.0	-66.6	<=8.0
2466.30	13.9	16.4	-4.5	2.0	-66.7	<=8.0
2466.35	14.1	16.4	-4.3	2.0	-66.5	<=8.0
2466.40	14.1	16.4	-4.3	2.0	-66.5	<=8.0
2466.45	14.1	16.4	-4.3	2.0	-66.5	<=8.0
2466.50	14.4	16.4	-4.0	2.0	-66.2	<=8.0
2466.55	14.4	16.4	-4.0	2.0	-66.2	<=8.0
2466.60	14.4	16.4	-4.0	2.0	-66.2	<=8.0
2466.65	14.5	16.4	-3.9	2.0	-66.1	<=8.0
2466.70	14.5	16.4	-3.9	2.0	-66.1	<=8.0
2466.75	14.4	16.4	-4.0	2.0	-66.2	<=8.0
2466.80	14.4	16.4	-4.0	2.0	-66.2	<=8.0
2466.85	14.2	16.4	-4.2	2.0	-66.4	<=8.0
2466.90	14.2	16.4	-4.2	2.0	-66.4	<=8.0
2466.95	14.2	16.4	-4.2	2.0	-66.4	<=8.0
2467.00	14.4	16.4	-4.0	2.0	-66.2	<=8.0
2467.05	14.5	16.4	-3.9	2.0	-66.1	<=8.0
2467.10	14.6	16.4	-3.8	2.0	-66.0	<=8.0
2467.15	14.7	16.4	-3.7	2.0	-65.9	<=8.0
2467.20	14.8	16.4	-3.6	2.0	-65.8	<=8.0
2467.25	15.1	16.4	-3.3	2.0	-65.5	<=8.0
2467.30	15.4	16.4	-3.0	2.0	-65.2	<=8.0
2467.35	15.5	16.4	-2.9	2.0	-65.1	<=8.0
2467.40	15.3	16.4	-3.1	2.0	-65.3	<=8.0
2467.45	15.6	16.4	-2.8	2.0	-65.0	<=8.0
2467.50	15.6	16.4	-2.8	2.0	-65.0	<=8.0
2467.55	15.6	16.4	-2.8	2.0	-65.0	<=8.0
2467.60	15.7	16.4	-2.7	2.0	-64.9	<=8.0
2467.65	15.7	16.4	-2.7	2.0	-64.9	<=8.0
2467.70	15.8	16.4	-2.6	2.0	-64.8	<=8.0
2467.75	15.8	16.4	-2.6	2.0	-64.8	<=8.0
2467.80	16.0	16.4	-2.4	2.0	-64.6	<=8.0
2467.85	16.1	16.4	-2.3	2.0	-64.5	<=8.0
2467.90	16.3	16.4	-2.1	2.0	-64.3	<=8.0
2467.95	16.3	16.4	-2.1	2.0	-64.3	<=8.0
2468.00	16.6	16.4	-1.8	2.0	-64.0	<=8.0
2468.05	16.8	16.4	-1.6	2.0	-63.8	<=8.0
2468.10	16.9	16.4	-1.5	2.0	-63.7	<=8.0
2468.15	16.9	16.4	-1.5	2.0	-63.7	<=8.0
2468.20	17.2	16.4	-1.2	2.0	-63.4	<=8.0
2468.25	17.1	16.4	-1.3	2.0	-63.5	<=8.0
2468.30	17.2	16.4	-1.2	2.0	-63.4	<=8.0
2468.35	17.3	16.4	-1.1	2.0	-63.3	<=8.0
2468.40	17.6	16.4	-0.8	2.0	-63.0	<=8.0
2468.45	17.6	16.4	-0.8	2.0	-63.0	<=8.0
2468.50	17.7	16.4	-0.7	2.0	-62.9	<=8.0
2468.55	17.7	16.4	-0.7	2.0	-62.9	<=8.0
2468.60	17.7	16.4	-0.7	2.0	-62.9	<=8.0
2468.65	17.7	16.4	-0.7	2.0	-62.9	<=8.0

2468.70	18.0	16.4	-0.4	2.0	-62.6	<=8.0
2468.75	17.9	16.4	-0.5	2.0	-62.7	<=8.0
2468.80	18.1	16.4	-0.3	2.0	-62.5	<=8.0
2468.85	18.1	16.4	-0.3	2.0	-62.5	<=8.0
2468.90	18.2	16.4	-0.2	2.0	-62.4	<=8.0
2468.95	18.7	16.4	0.3	2.0	-61.9	<=8.0
2469.00	19.1	16.4	0.7	2.0	-61.5	<=8.0
2469.05	19.1	16.4	0.7	2.0	-61.5	<=8.0
2469.10	19.8	16.4	1.4	2.0	-60.8	<=8.0
2469.15	20.5	16.4	2.1	2.0	-60.1	<=8.0
2469.20	20.8	16.4	2.4	2.0	-59.8	<=8.0
2469.25	20.8	16.4	2.4	2.0	-59.8	<=8.0
2469.30	20.8	16.4	2.4	2.0	-59.8	<=8.0
2469.35	21.4	16.4	3.0	2.0	-59.2	<=8.0
2469.40	21.4	16.4	3.0	2.0	-59.2	<=8.0
2469.45	21.4	16.4	3.0	2.0	-59.2	<=8.0
2469.50	21.5	16.4	3.1	2.0	-59.1	<=8.0
2469.55	21.5	16.4	3.1	2.0	-59.1	<=8.0
2469.60	21.7	16.4	3.3	2.0	-58.9	<=8.0
2469.65	21.7	16.4	3.3	2.0	-58.9	<=8.0
2469.70	21.7	16.4	3.3	2.0	-58.9	<=8.0
2469.75	21.8	16.4	3.4	2.0	-58.8	<=8.0
2469.80	21.8	16.4	3.4	2.0	-58.8	<=8.0
2469.85	22.7	16.4	4.3	2.0	-57.9	<=8.0
2469.90	23.5	16.4	5.1	2.0	-57.1	<=8.0
2469.95	24.0	16.4	5.6	2.0	-56.6	<=8.0
2470.00	24.0	16.4	5.6	2.0	-56.6	<=8.0
2470.05	23.9	16.4	5.5	2.0	-56.7	<=8.0
2470.10	24.1	16.4	5.7	2.0	-56.5	<=8.0
2470.15	24.3	16.4	5.9	2.0	-56.3	<=8.0
2470.20	24.7	16.4	6.3	2.0	-55.9	<=8.0
2470.25	25.0	16.4	6.6	2.0	-55.6	<=8.0
2470.30	25.0	16.4	6.6	2.0	-55.6	<=8.0
2470.35	25.0	16.4	6.6	2.0	-55.6	<=8.0
2470.40	25.2	16.4	6.8	2.0	-55.4	<=8.0
2470.45	25.2	16.4	6.8	2.0	-55.4	<=8.0
2470.50	25.3	16.4	6.9	2.0	-55.3	<=8.0

12.8

Test Conditions

TX Card **PS7100**

RX Card **PS7100**

TX Firmware **ID010001,
PK010005,
SF010304**
RX Firmware **ID010001,
PK010005,
SF010304**

Software Ver. **3.0.24**
Mode **11 MB**
Pseudo
IBSS

Pkt Size
Pkt Dly **1**
Pkt Burst **6**

Intersil Chips **ISL3984**
on Card:

ISL3685
HFA3783
ISL3183
ISL3873

10. EMI Reduction Method During Compliance Testing

No modification was made during testing.