



HERMON LABORATORIES



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ATTACHMENT TO ELECTROMAGNETIC EMISSIONS TEST REPORT

according to 47CFR Part 15, subparts C, B
for

SercoNet Ltd.

EQUIPMENT UNDER TEST:

**Wireless access point and outlet units
Models SRC-10AP802B, SRC-10MPS**

This report is in conformity with ISO/IEC 17025. The A2LA logo endorsement applies only to the test methods and the standards that are listed in the scope of Hermon Laboratories accreditation. The test results relate only to the items tested. **This test report must not be reproduced in any form except in full with the approval of Hermon Laboratories Ltd.**

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1.1 Peak power spectral density of DSSS according to § 15.247(d)

DATE: June 1, 2003
 RELATIVE HUMIDITY: 39 %
 AMBIENT TEMPERATURE: 23°C
 AIR PRESSURE: 1010 hPa
 OPERATING FREQUENCY RANGE: 2412 - 2462 MHz
 MEASUREMENT UNCERTAINTY: ±4.5 dB

Carrier frequency, MHz	Data rate, Mbit/s	Electric field strength @3 m distance, dB(mV/m)/3 kHz	Peak power spectral density, dBm/3 kHz	Limit, dBm	Verdict	Reference to plots in Appendix A
2.412	1.0	89.50	-7.33	8	Pass	No.1
	2.0	90.17	-7.06	8	Pass	No.2
	5.5	88.83	-8.4	8	Pass	No.3
	11.0	88.83	-8.4	8	Pass	No.4
2.437	2.0	86.50	-10.73	8	Pass	No.5
2.462	2.0	83.00	-14.23	8	Pass	No.6

TEST EQUIPMENT USED:

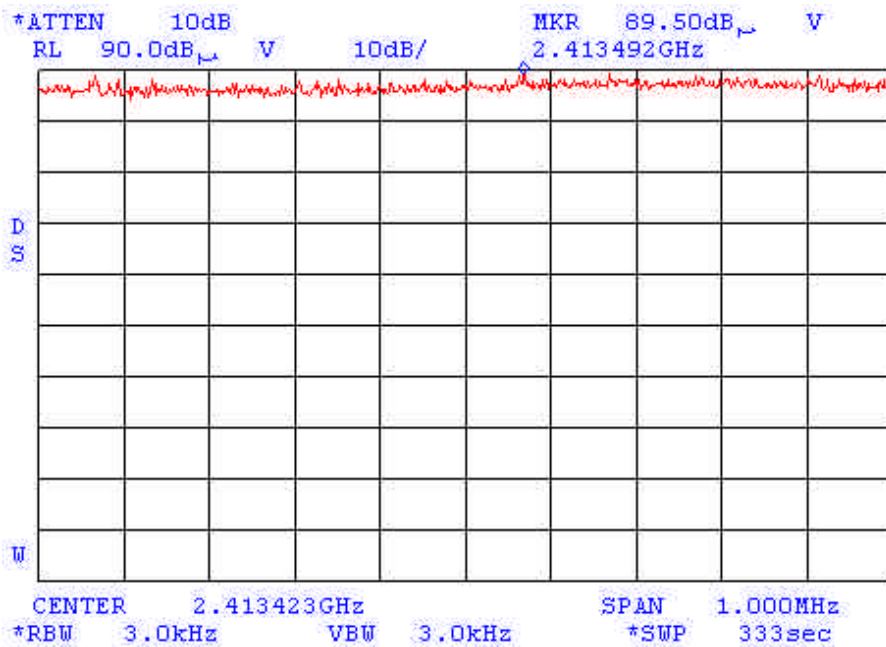
HL 0038	HL 0041	HL 0091	HL 0287	HL 0768	HL 1424	HL 1940
HL 1942	HL 2260					



Plot No.1

Power spectral density measurement at 3 m distance @ 2.412 GHz and 1.0 Mbit/s

Customer: Serconet
Test Specification: FCC 15.247
Frequency Range: Channel 1 (2412 MHz)
Site Description: OATS
Notes: 1 MBit/sec.

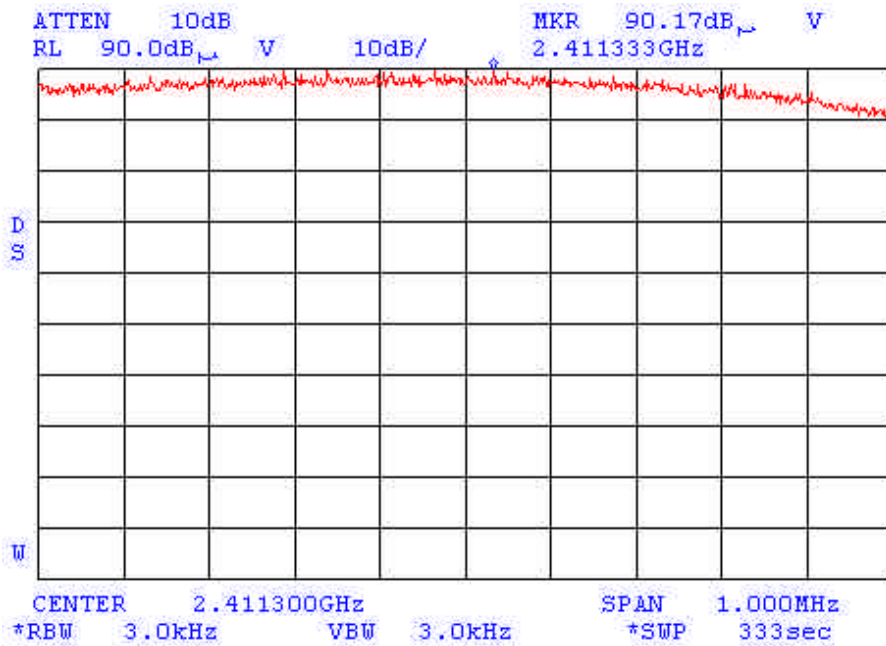




Plot No.2

Power spectral density measurement at 3 m distance @ 2.412 GHz and 2.0 Mbit/s

Frequency Range: Channel 1 (2412 MHz)
Site Description: OATS
Notes: 2 MBit/sec.

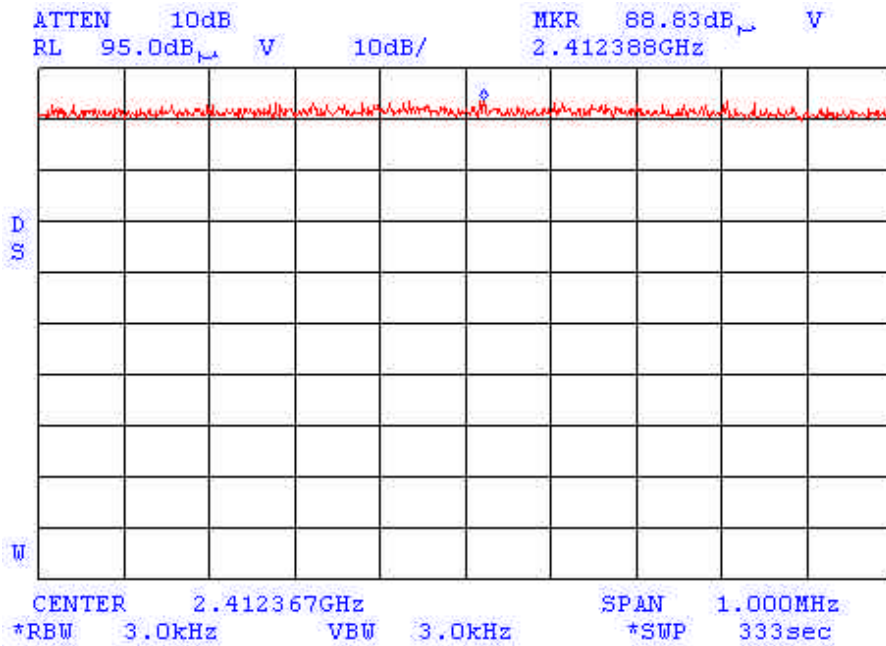




Plot No.3

Power spectral density measurement at 3 m distance @ 2.412 GHz and 5.5 Mbit/s

Frequency Range: Channel 1 (2412 MHz)
Site Description: OATS
Notes: 5.5 MBit/sec.

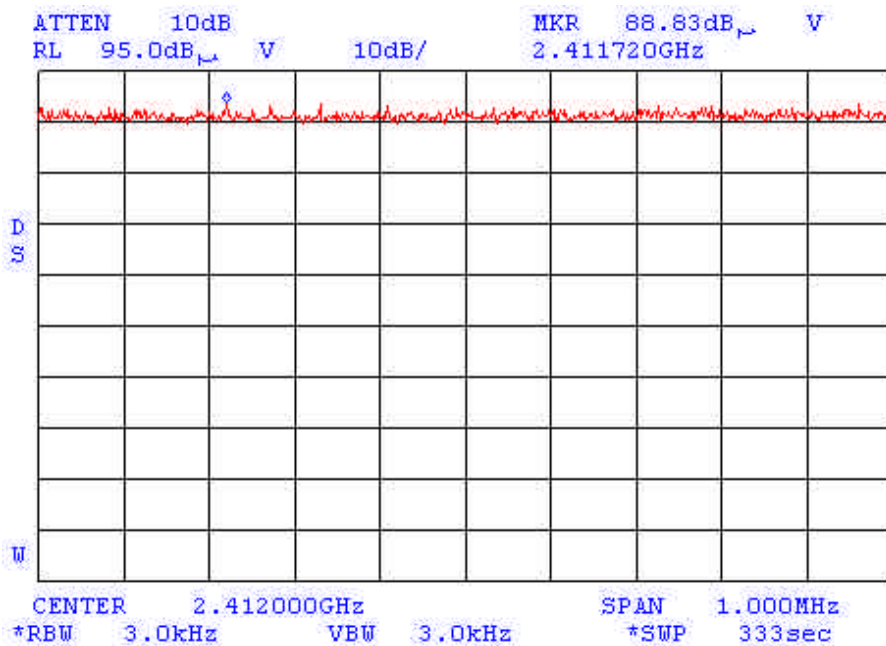




Plot No.4

Power spectral density measurement at 3 m distance @ 2.412 GHz and 11.0 Mbit/s

Frequency Range: Channel 1 (2412 MHz)
Site Description: OATS
Notes: 11 MBit/sec.

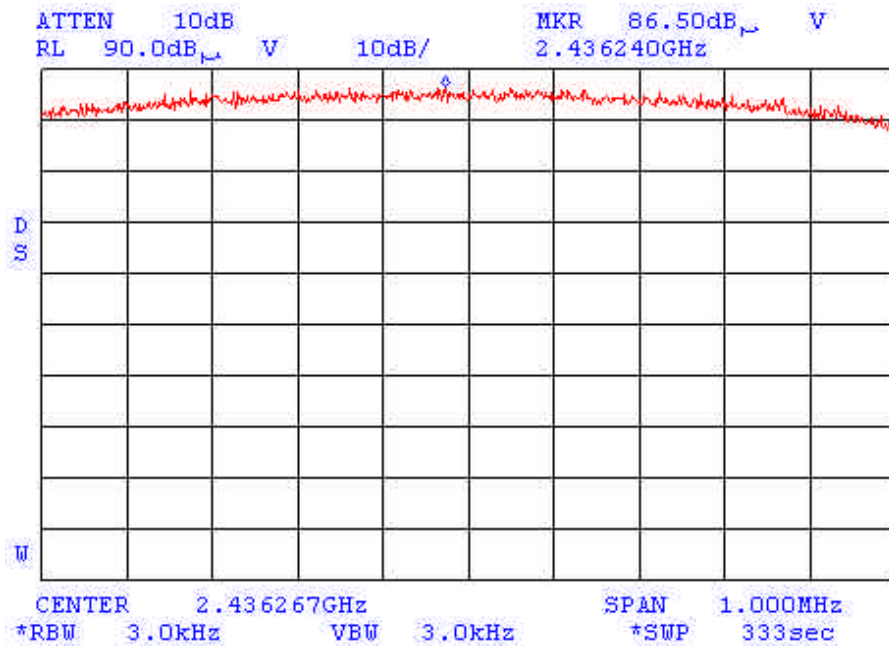




Plot No.5

Power spectral density measurement at 3 m distance @ 2.437 GHz and 2.0 Mbit/s

Frequency Range: Channel 6 (2437 MHz)
Site Description: OATS
Notes: 2MBit/sec.





Plot No.6

Power spectral density measurement at 3 m distance @ 2.462 GHz and 2.0 Mbit/s

Frequency Range: Channel 11 (2462 MHz)
Site Description: OATS
Notes: 2 MBit/sec.

