

GENERAL INFORMATION

Product Name: **MobileAccess 1000 (RIU, BU, RHU)**

2.1033(c)(1) Applicant:

**MobileAccess Networks Ltd.
Ofek One Center Building B,
Northern Industrial Zone
Lod, Israel 71293**

Contact person: Shlomo Cohen
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2.1033(c)(2) FCC ID: OJFMA1000

Tested by:

**Hermon Laboratories Ltd.
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2.1033(c)(4) Type of emissions

DXW (TDMA), F9W (CDMA), F8W(AMPS), F1D (Paging), GXW (iDEN),
F3E (LMR), F3E (SMR), GXW (GSM),

2.1033(c)(5) Frequency Range

DOWNLINK	SERVICE
869-894 MHz	AMPS/TDMA/CDMA 800
851-869 MHz	LMR/iDEM 800
935-941 MHz	SMR 900
928-941 MHz	Paging 900
1930-1990 MHz	TDMA/CDMA/GSM 1900

2.1033(c)(6) Range of Operation Power

18 dBm – 20 dBm maximum output for Low Frequency and 17 dBm – 18 dBm maximum output for High Frequency, depending on modulation. Refer to MobileAccess 1000 Data Sheet.

2.1033(c)(7) Maximum Power Rating

Service / Modulation	<i>Downlink Band [MHz]</i>	Output Powers Specification (dBm)	Hermon Lab. Data (dBm)	Hermon Lab. Data (W)
(F8W) AMPS 800	869-894	20	21.1	0.129
(DXW) TDMA 800	869-894	20	21.04	0.127
(F9W) CDMA 800	869-894	18	18.83	0.076
(F3E) LMR 800	851-869	18	18.77	0.075
(GXW) iDEN 800	851-869	18	18.84	0.077
(F3E) SMR 900	935-941	20	20.10	0.102
(F1D) Paging 900	928-941	20	20.10	0.102
(DXW) TDMA 1900	1930-1990	18	20.1	0.102
(GXW) GSM 1900	1930-1990	18	18.77	0.075
(F9W) CDMA 1900	1930-1990	17	18.10	0.065

TEST EQUIPMENTS LIST

From Hermon Laboratories:

HL Serial No.	Description	Manufacturer information			Due Calibr.
		Name	Model No.	Serial No.	
0026	Spectrum analyzer, 100 Hz-2.2 GHz	Anritsu	MS 2601A	3460	22/09/03
0041	Double ridged guide antenna, 1-18 GHz	Electro-Metrics	RGA 50/60	2811	10/08/03
0465	Anechoic Chamber 9 (L) x 6.5 (W) x 5.5 (H) m	Hermon Labs	AC-1	023	10/05 check
0502	Load LBNC 50 Ohm, 0.5 W, DC – 200 MHz	HL	LT001	080	19/11/03
0521	Spectrum Analyzer with RF filter section (EMI Receiver 9 kHz - 6.5 GHz)	Hewlett Packard	8546A	0319	09/03
0559	Multimeter Digital	Fluke	76	0903	26/10/03
0587	Load termination BNC 50 Ohm, 0.5 W	Hermon Labs	LT-50	096	19/11/03
0604	Antenna Biconilog Log-Periodic/T Bow-Tie, 26 - 2000 MHz	EMCO	3141	9611-1011	01/04
0661	Generator Swept Signal, 10MHz to 40GHz+ 10dBm	Hewlett Packard	83640B	0266	14/09/03
0874	Power supply, DC, 60V, 25 A	Horizon Electronics	SR 60-25	72-7138	10/02/04
0911	Coupler dual directional, 20 dB, 0.1 – 2.0 GHz	Hewlett Packard	778D	1144A07827	02/03/04
1097	Attenuator, 50 Ohm, 2 W, DC to 8 GHz, 20 dB	Midwest Microwave	0793-20-NN-07	1097	15/01/04
1424	Spectrum analyzer, 30 Hz - 40 GHz	Agilent Technologies	8564EC	3946A00219	08/03
1447	Cable, 10m	Harbour Industries	MIL 17/60 RG142	NA	26/09/03
1448	Cable, 10 m	Harbour Industries	MIL 17/60 RG142	NA	02/12/05
1566	Cable RF, 2 m	Huber-Suhner	Sucoflex 104PE	13094/4PE	02/12/05
1650	Attenuators set (2, 3, 5, 20 dB), DC – 18 GHz	M/A –COM	2082		01/03/04
1942	Cable 18 GHz, 4 m, blue	Rhophase Microwave Ltd	SPS-1803A-4000-NPS	T4658	17/10/04
2254	Cable 40GHz, 0.8 m, blue	Rhophase Microwave Limited	KPS-1503A-800-KPS	W4907	11/04
2259	Amplifier Low Noise 2-20 GHz	Sophia Wireless	LNA0220-C	0223	05/11/04
2274	Power Supply 11V for HL2258, HL2259, HL2260, HL2261	Hermon Labs	S-11	NA	12/04 check

From MobileAccess:

MA Serial No.	Description	Manufacturer information			Due Calibr.
		Name	Model No.	Serial No.	
20	Digital Signal Generator 250KHz – 3000MHz	HP	ESG–E4432B	US39340672	02/2004
21	Digital Signal Generator 250KHz – 3000MHz	HP	ESG–E4000A	GB37040173	02/2004
26	Digital Signal Generator 250KHz – 3000MHz	HP	ESG–D3000A	US37040881	02/2004
29	Digital Signal Generator 250KHz – 3000MHz	HP	ESG–E4432B	GB38450502	02/2004