

Test Company Name Hermon Laboratory

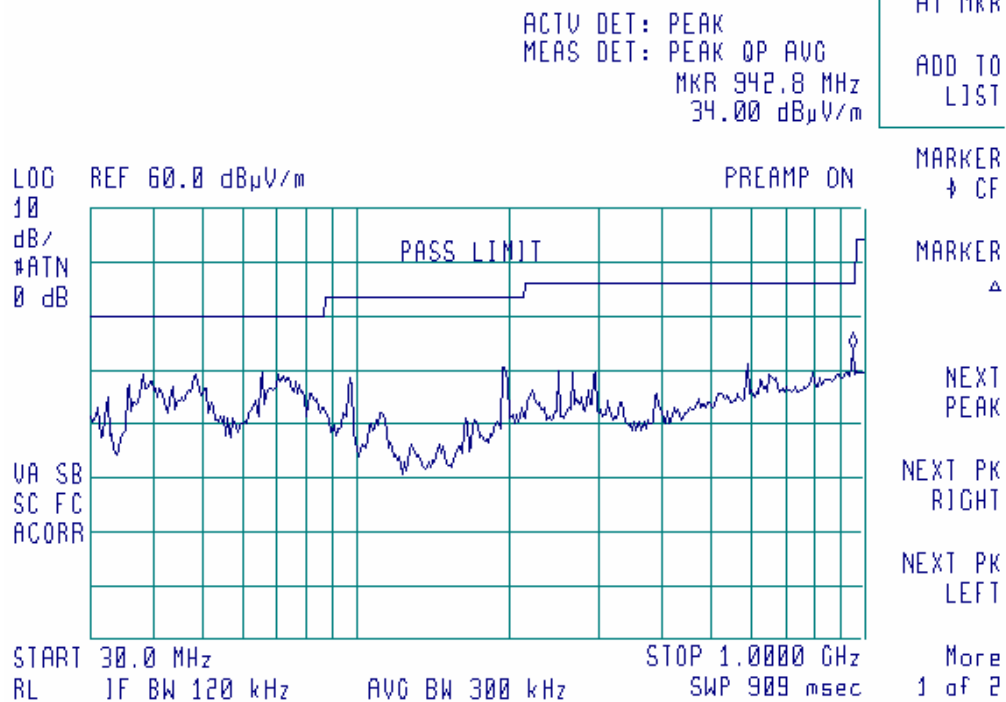
Date 14 January 2003
Temperature 21.5°C
Humidity 60%
Air pressure 1016 hPa
Job Number 15393
Test Name FCC 15.109; FCC 15.209
EUT Name WLAN 2.4 GHz, One Access Point
EUT Model Number ModuLite 810
Site Description **Anechoic chamber #1**
Test equipment 521; 604; 589; 1004; 2009
Operator Name Pitt
Customer Name Foxcom Wireless
Distance 3m.

Model Antenna ANTENNA MARS MA-CM36-15 (5dBi)

Fmin= 2412 MHz

VERTICAL POLARIZATION

09:35:47 JAN 14, 2003



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Fmin= 2412 MHz

HORIZONTAL POLARIZATION

10:10:29 JAN 14, 2003

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 248.5 MHz
39.41 dBμV/m

MEASURE
AT MKR

ADD TO
LIST

CLEAR
WRITE B

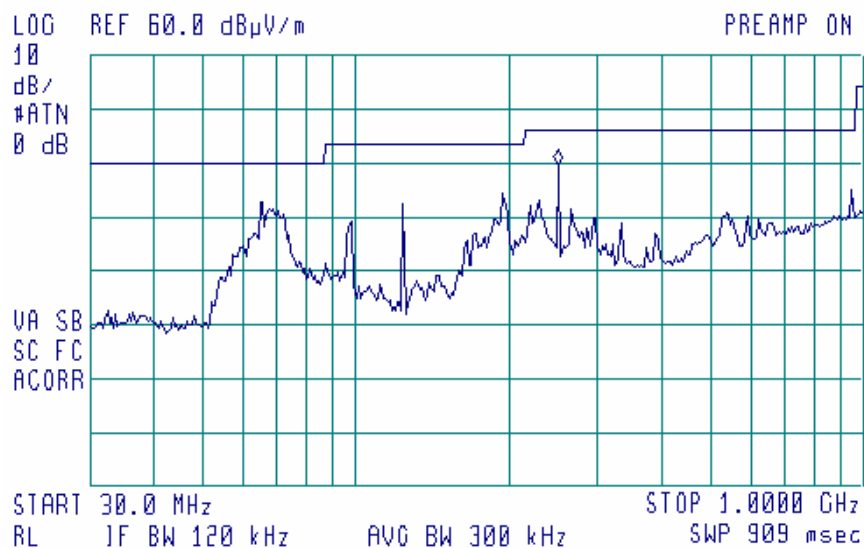
MAX
HOLD B

VIEW B

BLANK B

Trace
A B C

More
1 of 3



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Freq (MHz)	Peak Amp (dBuV/m)	QP Amp (dBuV/m)	Limit QP (dBuV/m)	QP - Lim (dB)	Antenna Polarization
44.023000	32.72	26.35	40.00	-13.65	Vertical
72.559550	30.00	27.95	40.00	-12.05	Vertical
98.849350	28.33	25.12	43.50	-18.38	Vertical
124.907500	33.98	31.70	43.50	-11.80	Vertical
197.688150	30.42	26.47	43.50	-17.03	Vertical
592.038463	34.08	30.16	46.00	-15.84	Vertical
948.257150	37.96	33.55	46.00	-12.45	Vertical

Freq (MHz)	Peak Amp (dBuV/m)	QP Amp (dBuV/m)	Limit QP (dBuV/m)	QP - Lim (dB)	Antenna Polarization
65.282250	33.38	30.02	40.00	-9.98	Horizontal
68.893050	32.22	29.18	40.00	-10.82	Horizontal
98.829850	29.49	26.82	43.50	-16.68	Horizontal
124.918750	32.02	29.28	43.50	-14.22	Horizontal
249.817500	40.86	38.58	46.00	-7.42	Horizontal

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F= 2412 MHz (Ch 1), 2437 MHz (Ch 6) and 2462 MHz (Ch 11)

VERTICAL & HORIZONTAL POLARIZATION

10:45:42 JAN 14, 2003

ACTV DET: PEAK
MEAS DET: PEAK OP AVG
MKR 1.983 GHz
45.60 dB μ V/m

MEASURE
AT MKR

ADD TO
LIST

LOG REF 60.0 dB μ V/m

PREAMP ON

MARKER
↓ CF

10
dB/
#ATN
0 dB

MARKER
△

NEXT
PEAK

NEXT PK
RIGHT

NEXT PK
LEFT

VA SB
SC FC
ACORR

START 1.000 GHz

STOP 2.000 GHz

More

RL #1F BW 1.0 MHz

#AVG BW 1 MHz

SWP 20.0 msec

1 of 2

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Model Antenna ANTENNA MARS MA-CM36-15 (5dBi)

F= 2437 MHz (Ch 6)

VERTICAL POLARIZATION

10:57:48 JAN 14, 2003

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 248.5 MHz
37.16 dB μ V/m

MEASURE
AT MKR

ADD TO
LIST

LOG REF 60.0 dB μ V/m

PREAMP ON

10
dB/
#ATN
0 dB

UA SB
SC FC
ACORR

START 30.0 MHz

RL #1F BW 120 kHz

#AVG BW 1 MHz

STOP 1.0000 GHz

SWP 909 msec

MARKER
↓ CF

MARKER
△

NEXT
PEAK

NEXT PK
RIGHT

NEXT PK
LEFT

More
1 of 2

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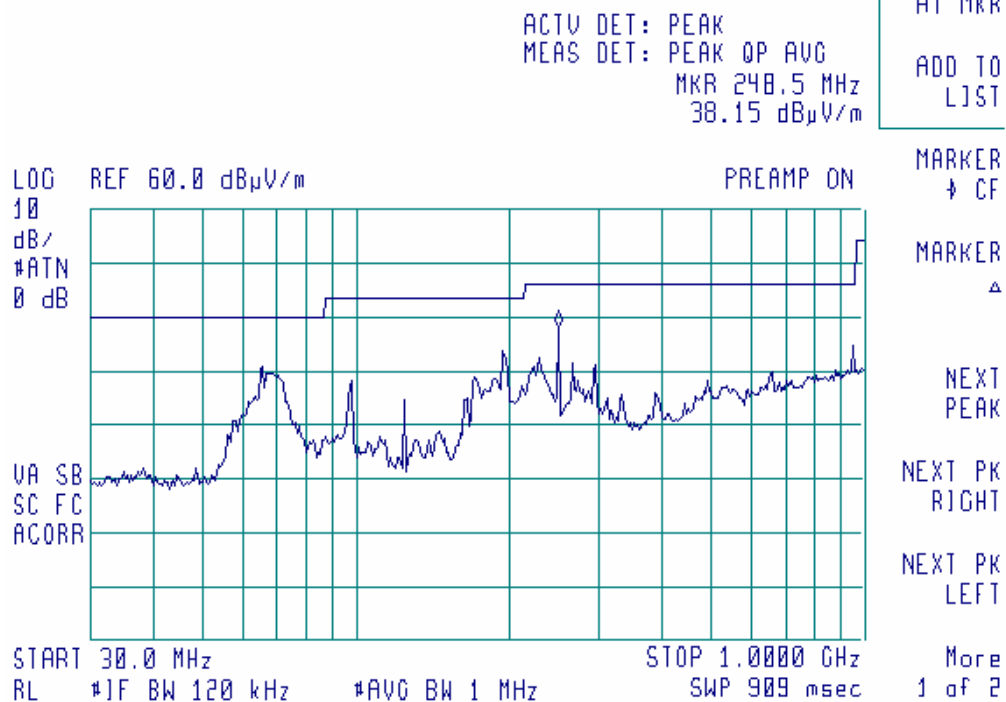
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F= 2437 MHz (Ch 6)

HORIZONTAL POLARIZATION

11:01:51 JAN 14, 2003



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Model Antenna ANTENNA MARS MA-CM36-15 (5dBi)

F= 2462 MHz (Ch 11)

VERTICAL POLARIZATION

11:00:13 JAN 14, 2003

ACTV DET: PEAK
MEAS DET: PEAK OP AVG
MKR 124.3 MHz
33.73 dB μ V/m

MEASURE
AT MKR

ADD TO
LIST

LOG REF 60.0 dB μ V/m

PREAMP ON

10
dB/
#ATN
0 dB

UA SB
SC FC
ACORR

START 30.0 MHz

R #IF BW 120 kHz

#AVG BW 1 MHz

STOP 1.0000 GHz

SWP 900 msec

MARKER
↓ CF

MARKER
△

NEXT
PEAK

NEXT PK
RIGHT

NEXT PK
LEFT

More
1 of 2

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Model Antenna ANTENNA MARS MA-CM36-15 (5dBi)

F= 2462 MHz (Ch 11)

HORIZONTAL POLARIZATION

11:16:52 JAN 14, 2003

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 248.5 MHz
38.45 dB μ V/m

MEASURE
AT MKR

ADD TO
LIST

LOG REF 60.0 dB μ V/m

PREAMP ON

10
dB/
#ATN
0 dB

UA SB
SC FC
ACORR

START 30.0 MHz

RL #JF BW 120 kHz

#AVG BW 1 MHz

STOP 1.0000 GHz

SWP 909 msec

MARKER
↓ CF

MARKER
△

NEXT
PEAK

NEXT PK
RIGHT

NEXT PK
LEFT

More
1 of 2