

QUESTION 2: Radiated E Field Emissions Measurements Restricted Band

RADIATED E FIELD EMISSION MEASUREMENTS RESTRICTED BAND 2483.5 – 2500 MHz

CUSTOMER: M/A-COM

DATE: JUNE 5, 2001

EQUIPMENT: OPENSky ISM RADIO WITH
Pacific Wireless PMANT25-HD-PF1

TEST NUMBER: 1

TESTED BY: ROBERT FOSTER

OPERATING MODE: TRANSMIT MODE – FULL POWER
BANDWIDTH: 100 kHz (PEAK)/120 kHz (QP) AND
1MHz PEAK

TEST SPEC: FCC PART 15 SUBPART B CLASS B
PROCEDURE: ANSI C63.4

FREQUENCY RANGE: 2483.5 – 2500 MHz

ANTENNA DISTANCE: 3 METERS

FREQUENCY MHz	PEAK MEASURED LEVEL -dBm	QUASI- PEAK MEASURED LEVEL dBuV	ANTENNA HEIGHT (METERS)	TURNTABLE AZIMUTH (DEGREES)	ANTENNA H/V	ANTENNA FAC/CABLE LOSS dB	FIELD LEVEL dBuV/m ★	LIMIT dBuV/m (QP)
No Signals Detected in restricted band.								

★All signals greater than 3dB from the limit are calculate to the nearest whole number.

★Field Level (dBuV/m) = [107 – Measured level (dBm)] + Antenna Factor/Cable Loss (dB)

Ambient Temperature: 68°F

Humidity: 25 %

Atmospheric Pressure: 29.8 "

NOTES: * =

RADIATED E FIELD EMISSION MEASUREMENTS RESTRICTED BAND 2483.5 – 2500 MHz

CUSTOMER: M/A-COM

DATE: JUNE 5, 2001

EQUIPMENT: OPENSky ISM RADIO WITH
M/A-Com, M/N ANAD-159W-A-10-SM

TEST NUMBER: 1

TESTED BY: ROBERT FOSTER

OPERATING MODE: TRANSMIT MODE – FULL POWER
BANDWIDTH: 100 kHz (PEAK)/120 kHz (QP) AND
1MHz PEAK

TEST SPEC: FCC PART 15 SUBPART B CLASS B
PROCEDURE: ANSI C63.4

FREQUENCY RANGE: 2483.5 – 2500 MHz

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**RADIATED E FIELD EMISSION MEASUREMENTS RESTRICTED BAND
2483.5 – 2500 MHz**

CUSTOMER: M/A-COM

DATE: JUNE 5, 2001

**EQUIPMENT: OPENSky ISM RADIO WITH
M/A-Com ANCC-156A-S-12-NM**

TEST NUMBER: 1

TESTED BY: ROBERT FOSTER

OPERATING MODE: TRANSMIT MODE – FULL POWER

TEST SPEC: FCC PART 15 SUBPART B CLASS B

BANDWIDTH: 100 kHz (PEAK)/120 kHz (QP) AND

PROCEDURE: ANSI C63.4

1MHz PEAK

FREQUENCY RANGE: 2483.5 – 2500 MHz

ANTENNA DISTANCE: 3 METERS

FREQUENCY MHz	PEAK MEASURED LEVEL -dBm	QUASI- PEAK MEASURED LEVEL dBuV	ANTENNA HEIGHT (METERS)	TURNTABLE AZIMUTH (DEGREES)	ANTENNA H/V	ANTENNA FAC/CABLE LOSS dB	FIELD LEVEL dBuV/m ★	LIMIT dBuV/m (QP)
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FORM CTS-DS-001R

**RADIATED E FIELD EMISSION MEASUREMENTS RESTRICTED BAND
2483.5 – 2500 MHz**

CUSTOMER: M/A-COM

DATE: JUNE 5, 2001

**EQUIPMENT: OPENSky ISM RADIO WITH
MAXRAD MFB24006**

TEST NUMBER: 1

TESTED BY: ROBERT FOSTER

OPERATING MODE: TRANSMIT MODE – FULL POWER

TEST SPEC: FCC PART 15 SUBPART B CLASS B

BANDWIDTH: 100 kHz (PEAK)/120 kHz (QP) AND

PROCEDURE: ANSI C63.4

1MHz PEAK

FREQUENCY RANGE: 2483.5 – 2500 MHz

ANTENNA DISTANCE: 3 METERS

FREQUENCY MHz	PEAK MEASURED LEVEL -dBm	QUASI- PEAK MEASURED LEVEL dBuV	ANTENNA HEIGHT (METERS)	TURNTABLE AZIMUTH (DEGREES)	ANTENNA H/V	ANTENNA FAC/CABLE LOSS dB	FIELD LEVEL dBuV/m ★	LIMIT dBuV/m (QP)
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FORM CTS-DS-001R
RADIATED E FIELD EMISSION MEASUREMENTS RESTRICTED BAND
2483.5 – 2500 MHz

CUSTOMER: M/A-COM

DATE: JUNE 5, 2001

**EQUIPMENT: OPENSky ISM RADIO WITH
MAXRAD MFB24008**

TEST NUMBER: 1

TESTED BY: ROBERT FOSTER

OPERATING MODE: TRANSMIT MODE – FULL POWER
BANDWIDTH: 100 kHz (PEAK)/120 kHz (QP) AND
1MHz PEAK

TEST SPEC: FCC PART 15 SUBPART B CLASS B
PROCEDURE: ANSI C63.4

FREQUENCY RANGE: 2483.5 – 2500 MHz

ANTENNA DISTANCE: 3 METERS

FREQUENCY MHz	PEAK MEASURED LEVEL -dBm	QUASI- PEAK MEASURED LEVEL dBuV	ANTENNA HEIGHT (METERS)	TURNTABLE AZIMUTH (DEGREES)	ANTENNA H/V	ANTENNA FAC/CABLE LOSS dB	FIELD LEVEL dBuV/m ★	LIMIT dBuV/m (QP)
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RADIATED E FIELD EMISSION MEASUREMENTS RESTRICTED BAND
2483.5 – 2500 MHz

CUSTOMER: M/A-COM

DATE: JUNE 5, 2001

**EQUIPMENT: OPENSky ISM RADIO WITH
MAXRAD MFB24010**

TEST NUMBER: 1

TESTED BY: ROBERT FOSTER

OPERATING MODE: TRANSMIT MODE – FULL POWER
BANDWIDTH: 100 kHz (PEAK)/120 kHz (QP) AND
1MHz PEAK

TEST SPEC: FCC PART 15 SUBPART B CLASS B
PROCEDURE: ANSI C63.4

FREQUENCY RANGE: 2483.5 – 2500 MHz

ANTENNA DISTANCE: 3 METERS

FREQUENCY MHz	PEAK MEASURED LEVEL -dBm	QUASI- PEAK MEASURED LEVEL dBuV	ANTENNA HEIGHT (METERS)	TURNTABLE AZIMUTH (DEGREES)	ANTENNA H/V	ANTENNA FAC/CABLE LOSS dB	FIELD LEVEL dBuV/m ★	LIMIT dBuV/m (QP)
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