

Emissions Test Conditions: RADIATED EMISSIONS (Electric Field) (FCC Part 2, Paragraph 2.993 and Part 24, Paragraph 24.238)

The *EQUIVALENT RADIATED EMISSIONS* measurements in the frequency range 1 GHz - 20 GHz were performed in a horizontal and vertical polarization at the following test location :

☐ - Test not applicable

■ - Roof (Small Open Area Test Site)

☐ - Canyon #1 (10- and 30-Meter Open Area Test Site), Carroll Canyon, San Diego

☐ - Canyon #2 (3- and 10-Meter Open Area Test Site), Carroll Canyon, San Diego

Testing was performed at a test distance of:

☐ - 1 meters

■ - 3 meters

☐ - 10 meters

Test Equipment Used :

Model Number	Manufacturer	Description	Serial Number	Prop. No.
■ - 8566B	Hewlett Packard	Spectrum Analyzer	2115A00842	721
■ - --	Hewlett Packard	Spectrum Analyzer Display	2112A02185	720
■ - 3115	EMCO	Antenna, Double Ridge Guide	9412-4363	453
■ - AFD3-0208-40-ST	Miteq, Inc.	Pre-Amplifier (30 dB gain), 2 to 8 GHz	155382	367

Remarks: _____

mw 100 SPEC

TEST DIST: 3 Meters

TEST SITE: 3

BICONICAL: N/A

LOG PERIODIC: N/A

OTHER: 453

2 CH X 2 W

No emissions detectable except fundamental and second harmonic.

Uplink, D-Band

[illegible]

^wmw / 7 SPE

TEST DIST: 3 Meters

TEST SITE: 3

BICONICAL: N/A

LOG PERIODIC: N/A

OTHER: 453

2 CH X 2 W

No emissions detectable after fourth harmonic.

Downlink, D-Band

[illegible]

TESTED BY: mw

SPEC: FCC Part 2, Para. 2.993 & Part 24, Para. 24.238

CUSTOMER: Ortel Corporation

TEST DIST: 3 Meters

E U T: CSR Repeater Model 1902

TEST SITE: 3

EUT MODE: Maximum output power, CW

BICONICAL: N/A

DATE: 14-Sep-98

LOG PERIODIC: N/A

NOTES: RBW and VBW = 1 MHz.

OTHER: 453

2 CH X 2 W

No emissions detectable after fourth harmonic.

Uplink, E/F -Band

[illegible]

mw/mw SPE

TEST DIST: 3 Meters

TEST SITE: 3

BICONICAL: N/A

LOG PERIODIC: N/A

OTHER: 453

No emissions detectable after fourth harmonic.

Downlink, E/F- Band

[illegible]