



**Addendum to Test Report  
Permissive Changes for EUM3003  
February 25, 2003**

## 1 Introduction

This is a report to add the results from transmit radiated emissions for the EUM3003 that were not reported in the attached test report from MPB Technologies Inc. All testing was done at MPB Technologies Inc. in Airdrie using the same setup as that used for the receive radiated emissions.

## 2 Transmit Mode Radiated Emissions

Test Lab: MPB Technologies Inc. Airdrie	Product: EUM3003										
Test Result: <b>Pass</b>											
Objectives/Criteria	Specification: FCC Part 15.209, 15.247(c)										
The radiated E-field emissions produced by the EUT, measured at a distance of 3m, shall not exceed these limits within the restricted bands of operation. Any emissions lying outside these bands shall be at least 20dB down from the level of the fundamental. Attenuation below the limits of 15.209 is not required.	<table><tr><td>Frequency (Mhz)</td><td>Limit (dBuV/m)</td></tr><tr><td>30 – 88</td><td>40.00</td></tr><tr><td>88 – 216</td><td>43.52</td></tr><tr><td>216 – 960</td><td>46.02</td></tr><tr><td>above 960</td><td>53.98</td></tr></table>	Frequency (Mhz)	Limit (dBuV/m)	30 – 88	40.00	88 – 216	43.52	216 – 960	46.02	above 960	53.98
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30 – 88	40.00										
88 – 216	43.52										
216 – 960	46.02										
above 960	53.98										
Restricted bands are summarized in FCC Part 15.205											

### Diversity Antenna:

Nom. f <sub>c</sub> (MHz)	f (MHz)	Field Strength (dBuV/m)	Measurement type (avg/pk)	Limit (dBuV/m)	Delta (dB)	Antenna Polarization	Antenna Height (cm)	Azimuth (Degrees)
905	43.9294	37.37	Qp	40	-2.63	Vertical	102	87
905	82.3193	30.84	Qp	40	-9.16	Vertical	125	328
905	131.9292	34.36	Qp	43.52	-9.16	Vertical	99	94
905	395.931	40.86	Qp	46.02	-5.16	Horizontal	99	104
905	3900.0034	47.6	Avg	53.98	-6.38	Vertical	102	303
925	43.9279	37.02	Qp	40	-2.98	Vertical	99	124
925	92.9555	31.71	Qp	40	-8.29	Vertical	134	337
925	131.9414	33.93	Qp	43.52	-9.59	Vertical	102	90
925	3699.9999	44.28	Avg	53.98	-9.7	Horizontal	264	109
925	3700.0001	48.4	Avg	53.98	-5.58	Vertical	99	178
925	3979.89	49.07	Avg	53.98	-4.91	Vertical	99	302
925	4974.9322	46.02	Avg	53.98	-7.96	Vertical	100	234
925	7400	47.17	Avg	53.98	-6.81	Vertical	100	195
All other emissions are at least 10dB below the limit								