

2.1053 Field strength of spurious emissions:

NAME OF TEST: RADIATED SPURIOUS EMISSIONS

REQUIREMENTS: Emissions must be  $50 + 10\log(P_o)$  dB below the mean power output of the transmitter.

HIGH -  $50 + 10\log(30) = 65$  dB

LOW -  $50 + 10\log(5) = 57$  dB

TEST DATA:

**HIGH POWER**

| Emission<br>Frequency<br>MHz | ATTN dBc | dBm | Margin<br>dB |
|------------------------------|----------|-----|--------------|
| 155.00                       | 0.00     | +35 | 0.00         |
| 310.00                       | 78.00    | -43 | 13.00        |
| 465.00                       | **       |     |              |
| 620.00                       | **       |     |              |
| 775.00                       | **       |     |              |
| 930.00                       | **       |     |              |
| 1,085.00                     | **       |     |              |
| 1,240.00                     | **       |     |              |
| 1,395.00                     | **       |     |              |
| 1,550.00                     | **       |     |              |

**LOW POWER**

|          |       |     |       |
|----------|-------|-----|-------|
| 155.00   | 0.00  | +27 | 0.00  |
| 155.00   | 77.00 | -49 | 20.00 |
| 310.00   | **    |     |       |
| 465.00   | **    |     |       |
| 620.00   | **    |     |       |
| 775.00   | **    |     |       |
| 930.00   | **    |     |       |
| 1,085.00 | **    |     |       |
| 1,240.00 | **    |     |       |
| 1,395.00 | **    |     |       |
| 1,550.00 | **    |     |       |

\*\*INDICATES MEASUREMENTS BELOW OUR EQUIPMENT CAPABILITIES AND LEVELS WERE 20 dB OR MORE BELOW THE FCC LIMITS.

APPLICANT: TACTICAL ELECTRONICS CORP.  
FCC ID: EFOIC-F1020WN-2