| environ LABORATORIES | RADIATED RF EMISSIONS DATA SHEET | Page: | 1 of 12 |
|---|---|---|---|
| | | Test Date(s): | 3/7/2009 to 3/8/2009 |
| | | Job Number: | 39982 |

COMPANY: Oxlife SPEC: N/A SECTION: N/A

DEVICE: The Independence MODEL NO.: KXIN001 SERIAL NO.: 0107099

TEST DESCRIPTION: Radiated Radio Frequency Emissions per RTCA/DO-160E, Section 21 | Test Location: Chamber 4

## Revision Record

| Revision | Total Pages | Date | Affected Section(s) | Affected Page(s) | Description of Changes |
|---|---|---|---|---|---|
| -- | 12 | March 9, 2009 | | | Original |
| | | | | | |

Tested by: _____
Scott D. Carlson

Reviewed by: _____
Erik J. Borgstrom

COMPANY: Oxlife SPEC: N/A SECTION: N/A

DEVICE: The Independence MODEL NO.: KXIN001 SERIAL NO.: 0107099

TEST DESCRIPTION: Radiated Radio Frequency Emissions per RTCA/DO-160E, Section 21 | Test Location: Chamber 4

**Table 1: Radiated Radio Frequency Emissions Test Results**

| Frequency Range | RF Bandwidth | Polarity | Antenna | Mode | EUT Orientation | Results | Notes |
|---|---|---|---|---|---|---|---|
| 2 MHz to 25 MHz | 1 kHz | Vertical | Active Rod | Cold | Per QTP | Pass | |
| 25 MHz to 30 MHz | 1 kHz | Vertical | Biconical | Cold | Per QTP | Pass | |
| 25 MHz to 30 MHz | 1 kHz | Horizontal | Biconical | Cold | Per QTP | Pass | |
| 30 MHz to 200 MHz | 10 kHz | Vertical | Biconical | Cold | Per QTP | Pass | |
| 30 MHz to 200 MHz | 10 kHz | Horizontal | Biconical | Cold | Per QTP | Pass | |
| 200 MHz to 400 MHz | 10 kHz | Vertical | Dual Ridge Low | Cold | Per QTP | Pass | |
| 200 MHz to 400 MHz | 10 kHz | Horizontal | Dual Ridge Low | Cold | Per QTP | Pass | |
| 400 MHz to 1000 MHz | 100 kHz | Vertical | Dual Ridge Low | Cold | Per QTP | Pass | |
| 400 MHz to 1000 MHz | 100 kHz | Horizontal | Dual Ridge Low | Cold | Per QTP | Pass | |
| 1000 MHz to 6000 MHz | 1 MHz | Vertical | Dual Ridge High | Cold | Per QTP | Pass | |
| 1000 MHz to 6000 MHz | 1 MHz | Horizontal | Dual Ridge High | Cold | Per QTP | Pass | |

**Table 3: Equipment List**

| Environ ID No. | Equipment Description | Cal? | Environ ID No. | Equipment Description | Cal? |
|---|---|---|---|---|---|
| 426-045 | Biconical Antenna | X | 426-006 | DRG Antenna | X |
| 426-023 | Active Rod Antenna | X | 360-028 | Spectrum Analyzer | X |
| 426-024 | DRG Antenna | X | | | |

X = Within calibration dates
N/A = Calibration not necessary