



Engineering and Testing for EMC and Safety Compliance



Radiated Test Data

for Model:

Wrist Panic

for

Resolution Engineering

RTL Project Number 2010090

Test Engineer: Jon Wilson

Radiated Test Data - OATS 1

Test Date: May 21, 2010

Work Order: 2010090

Customer Reference: na

Model: Wrist Panic

Name: Jon Wilson

Limit/Distance: FCC B/3m

RTL Barcode# 019540

| Emission Frequency (MHz) | Test Detector | Analyzer Reading (dBuV) | Site Correction Factor (dB/m) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Pass/Fail |
|--------------------------|---------------|-------------------------|-------------------------------|-------------------------|----------------|-------------|-----------|
| 345.027 | Pk | 54.2 | 29.7 | 83.9 | 97.3 | -13.4 | Pass |
| 690.023 | Pk | 53.4 | -3.3 | 50.1 | 77.3 | -27.2 | Pass |
| 1035.030 | Pk | 42.4 | 2.5 | 44.9 | 77.3 | -32.4 | Pass |
| 1380.047 | Pk | 37.9 | 8.4 | 46.3 | 77.3 | -31.0 | Pass |
| 1725.048 | Pk | 32.5 | 13.1 | 45.6 | 77.3 | -31.7 | Pass |
| 2070.162 | Pk | 44.3 | 9.2 | 53.5 | 77.3 | -23.8 | Pass |
| 2415.189 | Pk | 32.0 | 10.0 | 42.0 | 77.3 | -35.3 | Pass |
| 2760.216 | Pk | 31.5 | 10.2 | 41.7 | 77.3 | -35.6 | Pass |
| 3105.243 | Pk | 32.3 | 8.4 | 40.7 | 77.3 | -36.6 | Pass |
| 3450.270 | Pk | 29.8 | 9.1 | 38.9 | 77.3 | -38.4 | Pass |





Radiated Emissions Test Equipment

| Part | Manufacturer | Model | Serial Number | RTL Bar Code | Calibration Due Date |
|---|-------------------------------|---------------------------|---------------|--------------|----------------------|
| Amplifier (20 MHz-2 GHz) | Rhein Tech Laboratories, Inc. | PR-1040 | 900905 | 900905 | 5/10/2011 |
| Bilog Periodic Antenna (25 MHz-2 GHz) | Schaffner Chase | CBL6112 | 2099 | 900791 | 12/12/2010 |
| EMI Receiver RF Section (9 KHz-6.5 GHz) | Hewlett Packard | 85462A | 3325A00159 | 900913 | 6/8/2010 |
| RF Filter Section (100 KHz-6.5 GHz) | Hewlett Packard | 85460A | 3330A00107 | 900914 | 6/8/2010 |
| Spectrum Analyzer | Hewlett Packard | 8596EM | 3826A00144 | 901215 | 11/23/2010 |
| Preamplifier 1-26.5 GHz | Hewlett Packard | 8449B OPT H02 | 3008A00505 | 900932 | 2/22/2011 |
| Horn Antenna, 2.0-4.0 GHz | EMCO | 3161-02 | 9804-1044 | 900772 | 6/13/2010 |
| Emissions Testing Software | Rhein Tech Laboratories, Inc. | Automated Emission Tester | Rev. 14.0.2 | N/A | N/A |