



**Test Setup Photos
for
FCC Test Report No. 20031028-01-FC15**

on
**2.4 GHz DSS Cordless Telephone
(Digital Spread Spectrum Technology)
FCC ID: DXACL2200**

For the
**CL1200, CL2200 and CL2400
Series Telephone**

Provided for evaluation by
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Registration number: TTI-P-G 159/98-00 (RES-GmbH)**

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DOCUMENTATION

General Information

Product Name Model(s)	2.4GHZ DSS Cordless Telephone CL1205, CL1210, CL2205 & CL2210	
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Test Number and Report Numbers	20031028-01	20031028-01-FC15
Test Date(s) & Issue Date	November 4,5,11 & 14, 2003	January 23, 2004
Test Engineer(s)	Lan Vu and Bandele Adepoju	
Documentation	Gurjit Khosa	
Total Number of Pages	11	

Tests Performed on Base and Handset Units:

RF Requirements:

- BANDEDGE MEASUREMENT in accordance with FCC 47 CFR 15.247.
- 6dB BANDWIDTH MEASUREMENT in accordance with FCC 47 CFR §15.247 (a)(2).
- MAXIMUM PEAK OUTPUT POWER OF FUNDAMENTAL per 47 CFR §15.247 (b)
- SPECTRAL DENSITY OF FUNDAMENTAL in accordance with 47 CFR §15.247(d).
- HARMONIC, SPURIOUS and RESTRICTED BANDS in accordance with the FCC 47 CFR 15.247(c).
- ANTENNA REQUIREMENTS in accordance with FCC 47 CFR §15.203.
- POWER LINE CONDUCTED Emissions per FCC 47 CFR Part §15.207

BAND-EDGE AND 6dB BANDWIDTH MEASUREMENT Setup Photos

Test Setup Photographs for Band-Edge and 6dB Bandwidth Measurement



Figure 1: Base Unit – Band-Edge and 6Db Bandwidth Test Set-up Photo (Front View)



Figure 2: Base Unit – Band-Edge and 6dB Bandwidth Test Set-up Photo (Rear View)

BAND-EDGE AND 6dB WIDTH MEASUREMENT Test Setup Photos (cont.)**Test Setup Photographs for Band-Edge and 6dB Bandwidth Measurement (cont.)**

Figure 3: Band-Edge and 6dB Test Set-up Photo for Headset Unit (Front View)



Figure 4: Band-Edge and 6dB Test Set-up Photo for Headset Unit (Rear View)

MAXIMUM PEAK OUTPUT AND SPECTRAL DENSITY MEASUREMENT Setup Photos

Test Setup Photographs for MAXIMUM PEAK OUTPUT POWER and SPECTRAL DENSITY



Figure 5: Handset Unit – Test Set-up Photo for Maximum Peak Output and Spectrum Density

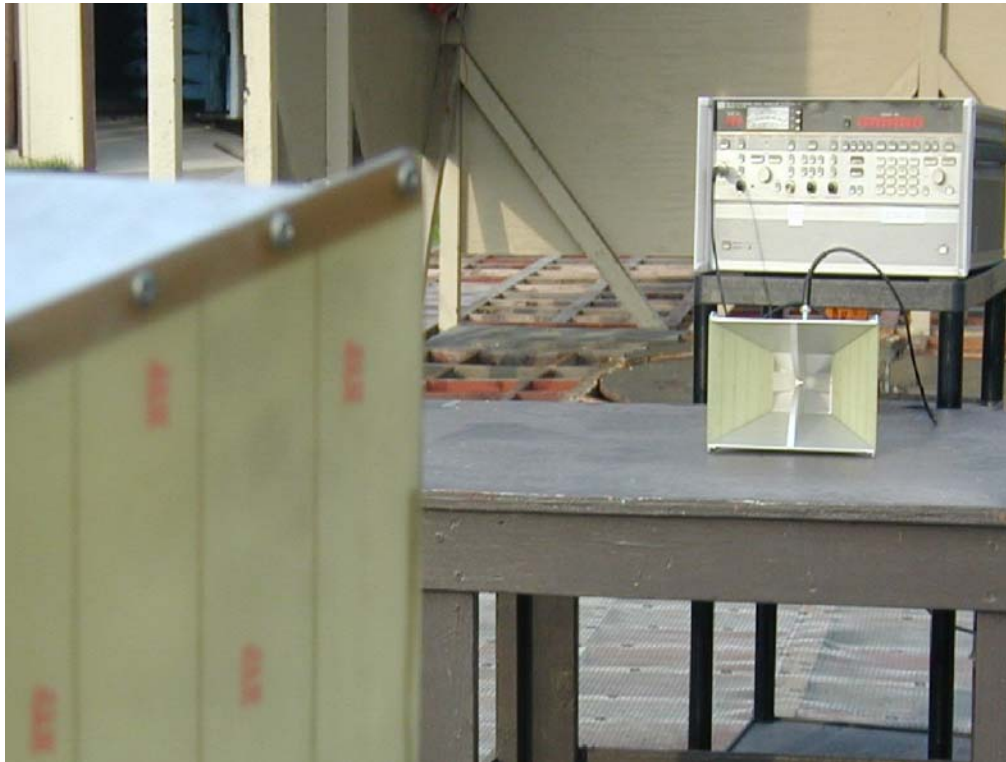
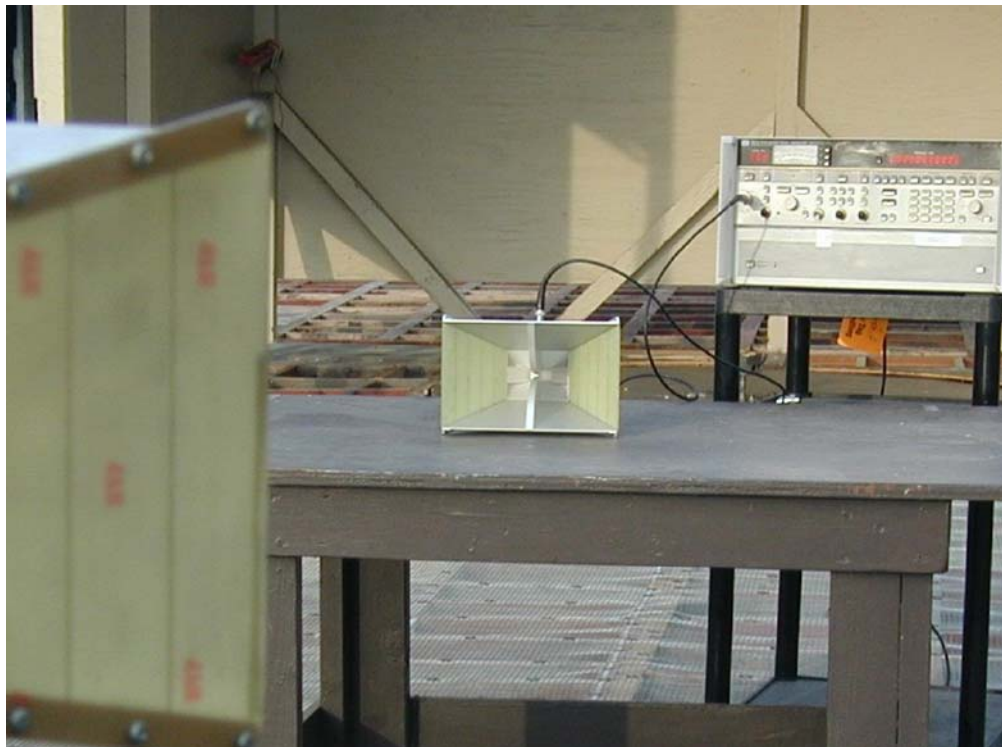


Figure 6: Handset Unit – Maximum Peak Output Power, Antenna Substitution Test Set-up

MAXIMUM PEAK OUTPUT AND SPECTRAL DENSITY MEASUREMENT Setup Photos (cont)**Test Setup Photographs for MAXIMUM PEAK OUTPUT POWER and SPECTRAL DENSITY (cont)****Figure 7: Test Set-up Photo for Base Unit****Figure 8: Maximum Peak Output Power with Antenna Substitution Set-up**

HARMONIC, SPURIOUS, AND RESTRICTED BANDS Test Setup Photos

Test Setup Photographs for HARMONICS, SPURIOUS, and RESTRICTED BANDWIDTH



Figure 9: Front View: Harmonic, Spurious and Restricted Bands Test Setup for Base Unit



Figure 10: Rear View: Harmonic, Spurious and Restricted Bands Test Setup for Base Unit

HARMONIC, SPURIOUS, AND RESTRICTED BANDS Test Setup Photos (cont.)**Test Setup Photographs for Harmonics, Spurious, and Restricted Bandwidth (cont.)**

Figure 11: Front View: Harmonic, Spurious and Restricted Bands Test Setup for Headset Unit



Figure 12: Rear View: Harmonic, Spurious and Restricted Bands Test Setup for Headset Unit

POWER LINE CONDUCTED Emissions Test Setup Photos

Test Setup Photographs for POWER LINE CONDUCTED



Figure 13: Power Line Conducted Maximized Emissions Test Setup (Front View)



Figure 14: Power Line Conducted Maximized Emissions Test Setup (Rear View)