

TX EIRP/ERP

ERICSSON EMC LAB - OPEN AREA TEST SITE

Customer Name: Com-Net Ericsson

Lab Test Number: 01020801

Date of Test: February 8, 2001

Test Range Temp:

Test Range RH:

Contact Name: Bryan McWatters

FCC Identifier:

EUT S/N: HI 900M07

EUT Model:

Description: 700P - with half wave antenna

TEST EQUIPMENT INFORMATION

EQUIPMENT TYPE	QC #	DESCRIPTION	FREQ RANGE	CAL DATE	CAL DUE
Transducer (Turntable)	E0721	EMCO Model 3146 Log Periodic	200MHz - 999.999MHz	2/11/00	2/11/01
Transducer (Mast)	E0720	EMCO Model 3146 Log Periodic	200MHz - 999.999MHz	12/14/99	12/14/00
Test Receiver	E02520	Rohde & Schwarz Model ESMI	20Hz - 26.5GHz	8/31/00	8/31/01
RF Generator	E0990	Hewlett Packard Model 83732A RF Generator	10MHz - 20GHz	3/1/00	3/1/01
RF Cable (Mast)	Cable 1	Insulated Wire Model NPS-3053-4200-NPS			
RF Cable (Turntable)	Cable 2	Insulated Wire Model NPS-3053-4200-NPS			

EIRP/EDRP MEASUREMENT RESULTS

	Test Freq # 1	Test Freq # 2	Test Freq # 3	
Tx Frequency	896.0125 MHz	901.9875 MHz	938 MHz	
Conducted Pout	33.46 dBm	33.51 dBm	33.56 dBm	
EIRP	32.7 dB	33.07 dB	31.53 dB	
ERP	30.56 dB	30.93 dB	29.39 dB	

Notes:

1. Test Performed By: Rick Simpkins and Eric Hertig
2. This test was performed with the supplied half wave antenna
3. Radio was in the ANALOG system for this test
4. Original battery on the radio expired after testing the quarter wave antenna, second battery indicated half power so it was not used, the third battery was utilized for the half wave antenna measurements.