

3.0 Description of Equipment Under Test

Equipment Under Test			
Description	Manufacturer	Model Number	Serial Number
MCPA	Hitachi	HMC190951C	No 1
Duplexer ¹	Communication Components Inc.	DUP-1900MCPA-IO	AR34080085
Chassis	Hitachi Kokusai Electric Inc.	HMCSRS021C	HKN0707000003

EUT receive date:	9/8/2008
EUT receive condition:	Good

Description of EUT provided by Client:

The EUT is an 1900 MHz 95W MCPA (Multi-Carrier Power Amplifier) for GSM, EDGE and W-CDMA base-station applications. The amplifier is installed in a 19 inch rack which receives power from a +27 Vdc power source.

Description of EUT exercising:

During testing where a single carrier was used, the input level was adjusted to obtain 95 Watts out on a single channel. During testing where more than one channel is used, the power of each carrier must be reduced so the total power output is no greater than 95 Watts composite power. GSM, GSM Edge, CDMA and W-CDMA signals were used during the testing and are indicated in each section of this report as appropriate.