



REPORT
MC2004A

NBBSE RD ALL
PROC 06-001 A
FOLIO : 1 / 5

DATE : 9 JAN 2006

Antenna specification

Project interface

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HISTORY OF THE REVISIONS

Index	Date	Author	Modification
A			Creation of the document



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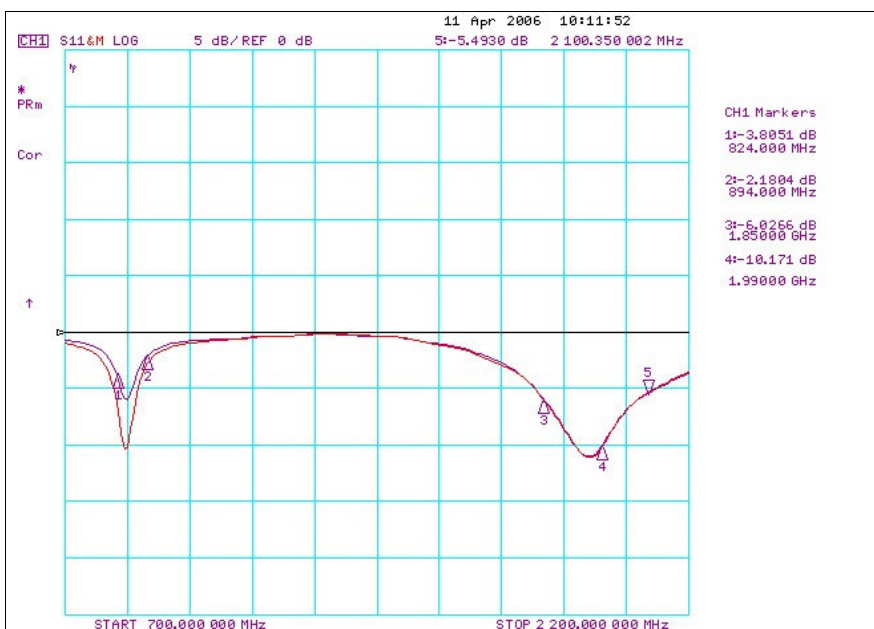
1. OBJECT

Describe MC2004a antenna.

2. ELECTRICAL PERFORMANCES

2.1. RETURN-LOSS

Frequency (MHz)	824	894	1850	1990
Flip open (dB)	-6.1	-2.9	-5.9	-10.4
Flip closed (dB)	-3	-2.1	-6	-10.1





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2.2. GAIN

Measured in sagem France (E4255)

	GSM850						PCS					
Frequency	824	836	849	869	871	894	1850	1880	1910	1930	1960	1990
Conducted performances	33	33	33	-109	-109	-109	30	30	30	-108	-108	-108
TRP/TIS Open	27.2	28.5	28.1	-104.6	-102.9	-101.6	27.2	27.7	27.9	-105.2	-106.1	-104.9
TRP/TIS Closed	24.6	27.7	27.2	-104.3	-103.4	-102	27.3	27.9	27.9	-104.8	-105.6	-104.6
Gain Open	-5.8	-4.5	-4.9	-4.4	-6.1	-7.4	-2.8	-2.3	-2.1	-2.8	-1.9	-3.1
Gain Closed	-8.4	-5.3	-5.8	-4.7	-5.6	-7	-2.7	-2.1	-2.1	-3.2	-2.4	-3.4

3. DRAWING

