



REPORT
MC2004A

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

DATE : 9 JAN 2006

Antenna specification

Project interface

<u>COMPANY</u>	<u>NAME</u>
NSBRD	Xavier Quillet
SAGEM	
BIRD	

VISAS

Writer	Team Leader	
Name: David Delas	Name: Xavier Quillet	Name:
Date: 11 April 2006	Date:	Date:
Visa:	Visa:	Visa:



REPORT
MC2004A

NBBSE RD ALL
PROC 06-001 A
FOLIO : 2 / 5

DATE : 9 JAN 2006

HISTORY OF THE REVISIONS

Index	Date	Author	Modification
A			Creation of the document



REPORT
MC2004A

NBBSE RD ALL
PROC 06-001 A
FOLIO : 3 / 5

DATE : 9 JAN 2006

TABLE OF CONTENTS

1. OBJECT	4
2. ELECTRICAL PERFORMANCES	4
2.1. RETURN-LOSS.....	4
2.2. GAIN	5
3. DRAWING	5



REPORT MC2004A

NBBSE RD ALL
PROC 06-001 A
FOLIO : 4 / 5

DATE : 9 JAN 2006

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



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

