

SPECIFICATION FOR APPROVAL

CUSTOMER

Verifone

DATE

03/01/04

DESCRIPTION

GPRS USA Dual Band

CUSTOMER P/N

GPRS-USA DUAL BAND

Part No.

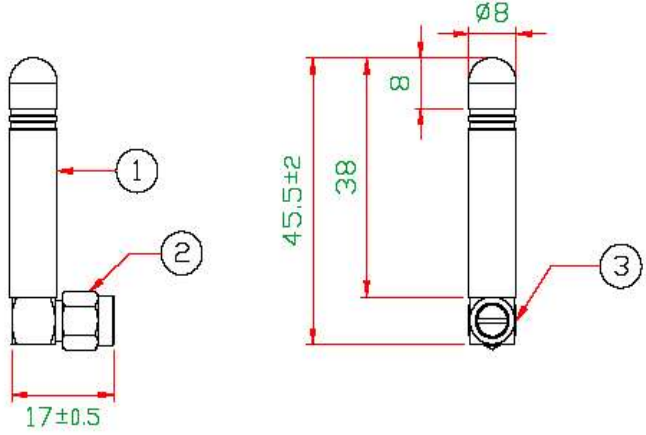
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SPECIFICATION

1. Description : GPRS USA Dual Band
2. Customer : VeriFone
3. Part No. : GPRS-USA DUAL BAND
4. Standard : GPRS
5. Antenna Profile : 45.5 mm
6. Electrical Characteristics
 - Operating Frequency : 824~894 MHz and 1850~1990 MHz
 - Polarization Type : Vertical
 - Type of Radiation : Near omni-directional
in the horizontal plane
 - Peak Gain : 0 dBi (Max)
 - Impedance : 50 Ω (Typ.)
 - V.S.W.R.
 - 824 MHz \Leftrightarrow 2.6
 - 894 MHz \Leftrightarrow 1.4
 - 1850 MHz \Leftrightarrow 1.55
 - 1990 MHz \Leftrightarrow 2.1
7. Mechanical Characteristics
 - Action : Swivel Type
 - Connector : SMA R/A improved type
8. Raw Material
 - Housing : TPU

TOLERANCES:	
X	± 1
X.X	± 0.5
X.XX	± 0.2
ANGULAR	± 5.0°



3	Metal Cap	Metal Cap (BSBM+Au plating)	1
2	SMA R/A	SMA R/A (BSBM+Au plating)	1
1	Plastic Antenna Cover	Plastic Antenna Cover (TPU or TPE, Black)	1
NO	Item Name	Description of Item	Qty

Date: 03/01/04

EMS Microwave
RF & Microwave Components

Scale: 1:1 Drawn Engr. Apprvl

Title: GPRS USA Dual Band

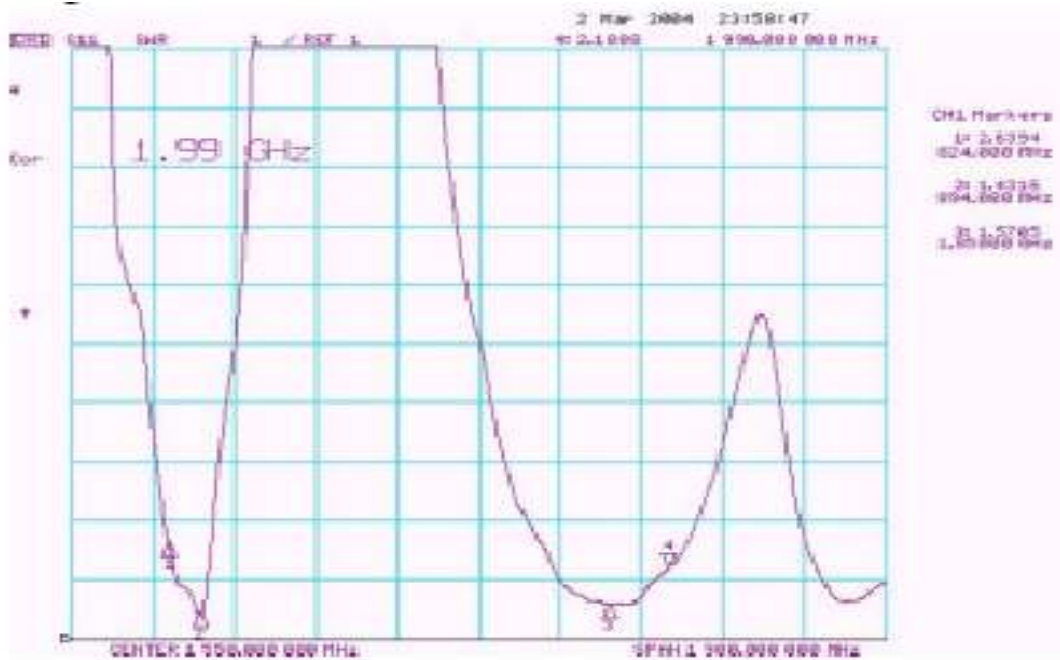
Units: mm Dave Rich ---

P/N: GPRS-USA DUAL BAND REV A VERSION 1

P/N: GPRS-USA DUAL BAND

Electrical Properties

V.S.W.R



Electrical Properties

Gain

