

SPECIFICATION FOR APPROVAL

CUSTOMER

Verifone

DATE

03/01/04

DESCRIPTION

GPRS USA Dual Band

CUSTOMER P/N

Part No.

GPRS-USA DUAL BAND

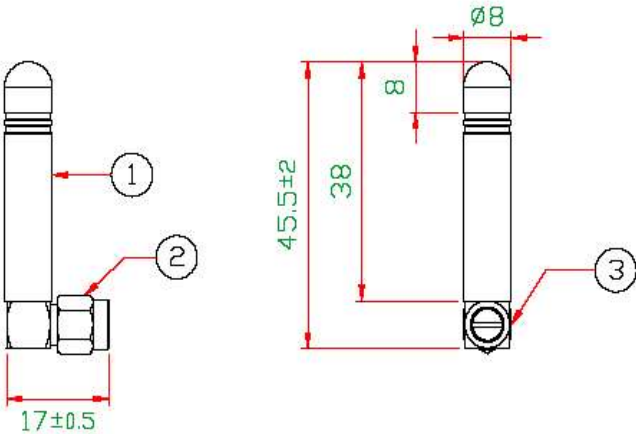
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SPECIFICATION

- | | | |
|----|----------------------------|---|
| 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

Scale: 1:1

Drawn

Engr.

Apprvl

Units: mm

P/N:

GPRS-USA DUAL BAND

Dave

Rich

EMS Microwave

RF & Microwave Components

Title:

GPRS USA
Dual Band

P/N:

GPRS-USA DUAL BAND

REV

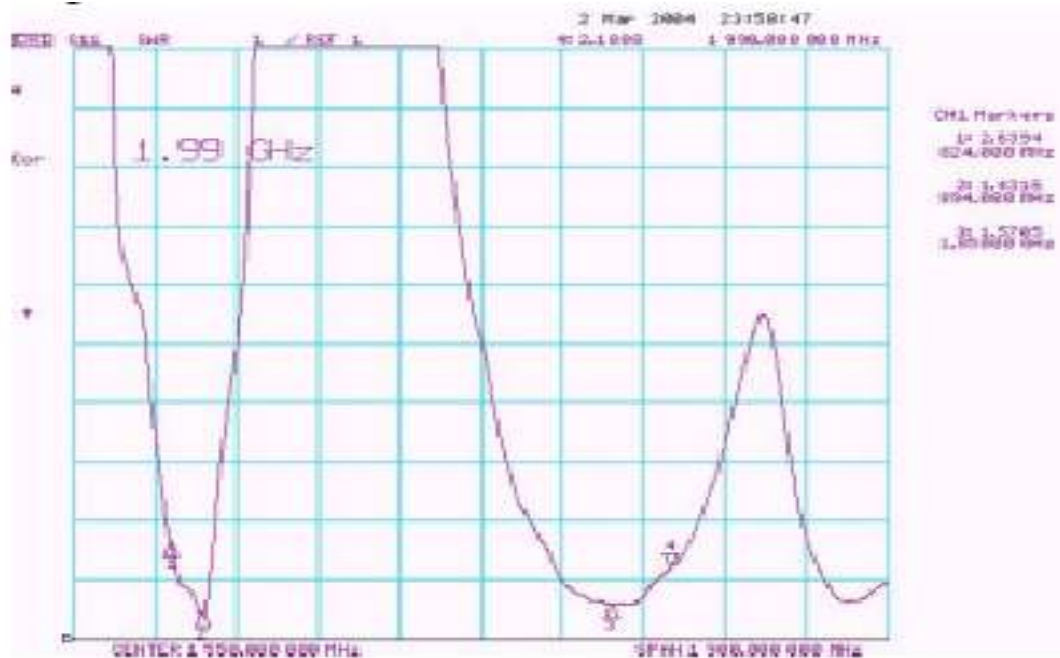
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VERSION

1

Electrical Properties

V.S.W.R



Electrical Properties

Gain

