



MOTOROLA

APPLICANT: MOTOROLA

FCC ID: IHET6BV1

Operating Description

Operating descriptions of the RF sections of the GSM 1900 Basetransceiver Station are contained within the following section of the Installation and Service manuals, which are included within Exhibit 8, Service Manual, and Exhibit 10, Installation Manual.

Contained within Exhibit 8 for Indoor and Outdoor –

Horizonmacro Indoor Service Manual 68P02902W06-B-UK.pdf - Chapter 5, Page 116

Horizonmacro Outdoor Service Manual 68P02902W12-A-UK.pdf - Chapter 5, Page 158

Necessary Bandwidth calculations;

CFR 47 Part 2 (2.202) Section C Does not contain formulas applicable to TDM systems the 135kHz necessary bandwidth is in accordance with GSM specifications, which the product must comply with.

Description of the emission designator and type of modulation;

The equipment designator in accordance with FCC CFR 47 Part 2 (2.201 & 2.202) is contained within the D6 of the application form - 135KG7WBT

135k - 135kHz necessary bandwidth

G - Phase Modulation

7 - Two or more channels containing quantized or digital information

W - W to encompass both aural reception and data transfer

Optional description of emissions in accordance with ITU

B - Two-condition code with elements of the same number and duration with error correction

T - Time division multiplexing

Name: Andrew Pinnell-Hutchison

Position: Engineering Manager

Regulatory Approvals Group

FCC Filing – GSM 1900 MHz Horizonmacro BTS



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Signed

A handwritten signature in blue ink, appearing to read "John" or "John Motorola".

Date: 28th June 2002