



APPLICANT: MOTOROLA

FCC ID: IHET6BV1

### Statement of Response

Telecommunication Certification Body (TCB), BABT Product Service, Program AP # 0526 identified sections of 47 CFR part 24 which required a statement from Motorola GSD as the manufacturer of the equipment. Motorola's formal response is given below, to the best of our knowledge in the response given is accurate and meets the intent of part 24.

24.51 - Equipment Authorisation – Not Applicable. The measurement or assessment of RF Electromagnetic Fields is an installation issue, the Horizonmacro GSM1900 product, both indoor and outdoor, are sold without an antenna until the base station is installed and commissioned there is no potential for EME hazards.

24.52 - RF Hazards – This section requires compliance with Parts 1.1307(b), 2.1091 and 2.1093 of 47 CFR. Part 2.1091 is specifically addresses mobile devices and Part 2.1093 specifically addresses portable devices as the GSM basestation is a fixed equipment neither of these requirements are applicable.

Part 1.1307(b) - Not Applicable. This part requires an environmental assessment (EA) of the installation this includes the Horizonmacro GSM1900 BTS, antenna and antenna feeder cable. A CTU 1900 transceiver in worst case RF configuration, duplexed with no combining, can only transmit 32 W with combining this maximum power is reduced by a factor.

Safety guidance is given in exhibit 8 and 10 as listed below.

#### Horizonmacro Indoor

Exhibit 8 - Horizonmacro Indoor Service Manual 68P02902W06-B-UK.pdf, Page 30 RF Radiation and

Exhibit 10 - Horizonmacro Indoor Installation Manual 68P02902W08-B.pdf, Page 9 RF Radiation

#### Horizonmacro Outdoor

Exhibit 8 - Horizonmacro Outdoor Service Manual 68P02902W12-A-UK.pdf, Page 32 RF Radiation and

Exhibit 10 - Horizonmacro Outdoor Installation Manual 68P02902W03-A.pdf, Page 9 RF Radiation

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Regulatory Approvals Group



**MOTOROLA**

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Signed

Date: 28<sup>th</sup> June 2002

A handwritten signature in blue ink, appearing to be 'A. L.' or similar.