

TECHNICAL STATEMENT
APPLICATION FOR CONSTRUCTION PERMIT
LPTV STATION WTPM-LP
MAYAGUEZ-ANASCO, PUERTO RICO
DIGITAL CHANNEL 45 1 KW

This Technical Statement was prepared in support of an application for construction permit for LPTV station WTPM-LP, Mayaguez-Anasco, Puerto Rico. WTPM-LP is authorized for operation on Channel 67 (analog) with a non-directional effective radiated power (ERP) of 18.5 kW and an antenna height of 417 m above mean sea level (See FCC File No. BLTTL-19950905ID). The purpose of the instant application is to authorize displacement to in-core Channel 45 (digital), with a decrease in ERP and an increase in antenna height. There is no change in the proposed transmitter site. This application is classified as a minor change.

Environmental Considerations

With respect to the potential for human exposure to radio frequency (RF) radiation, calculations prepared in accordance with FCC Bulletin OET-65 (Edition 97-01) indicate that the proposal will not result in human exposure to RF radiation at ground level in excess of FCC standards. Power density calculations were conducted at 2-m above ground based on the following conservative assumptions, with the following results:

| Call Sign | Channel | Average ERP (kW) | Antenna Height above Ground (m) | Relative Field Factor * | FCC Limit [†] (mW/cm ²) | Percentage of Limit |
|-----------|---------|------------------|---------------------------------|-------------------------|--|---------------------|
| WTPM-LP | 45 | 1.0 | 77 | 0.25 | 0.4393 | 0.1% |

As indicated above, the exposure to RF radiation at 2-m above ground level will not exceed 0.1% of the FCC limit for general population / uncontrolled exposure. Therefore, the proposal complies with the FCC limits for human exposure to RF radiation and it is categorically excluded from environmental processing.



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March 17, 2006

* This is a conservative estimate of the relative field factor in the downward direction. See Appendix 1.
† for general population/uncontrolled environments

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Transmitting Antenna Elevation Pattern Data

(one sheet follows)

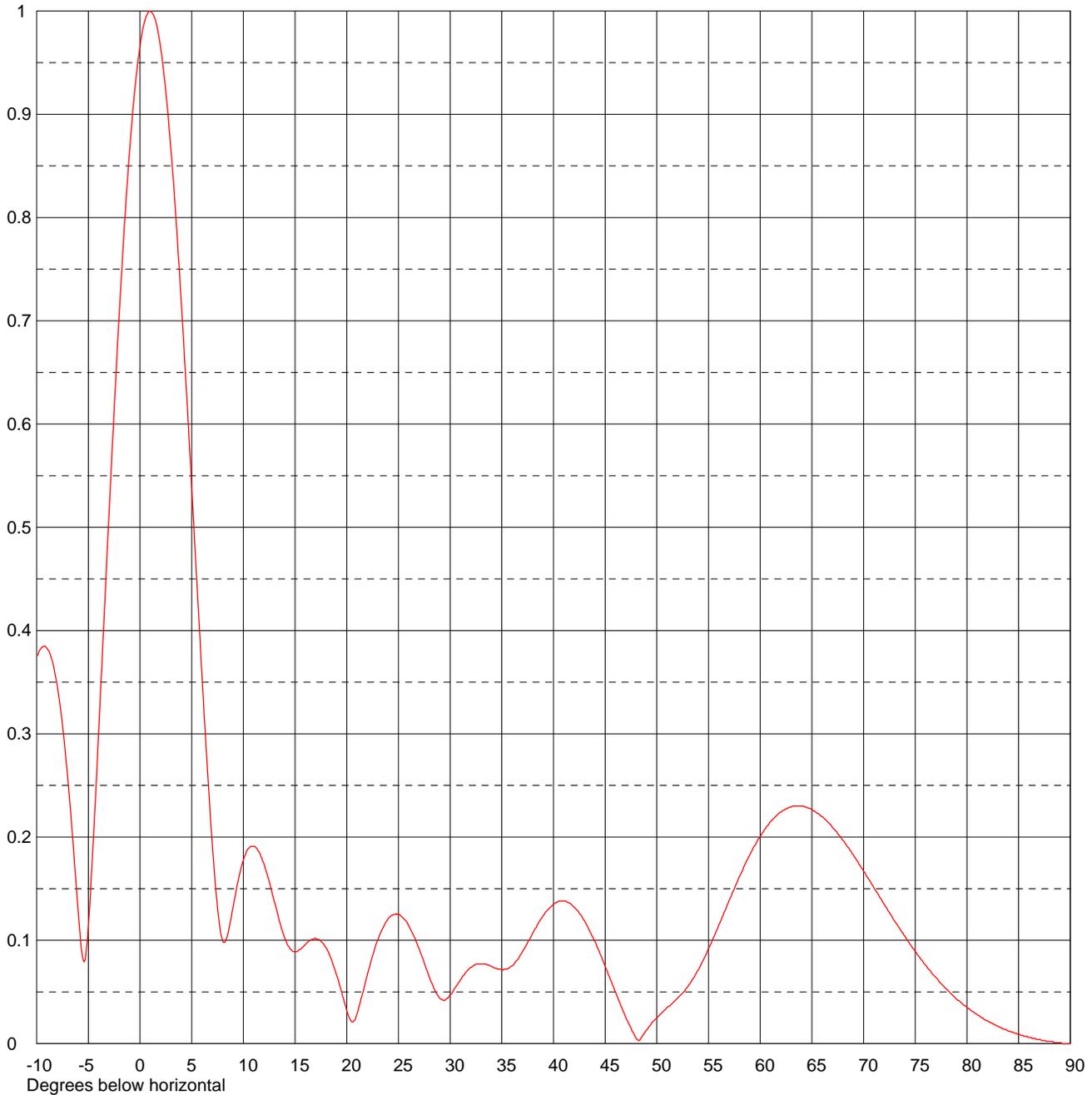


Exhibit No.

Date **17 Mar 2006**
Call Letters
Location
Customer
Antenna Type **DL-8**
Channel **45**

ELEVATION PATTERN

| | | | |
|------------------------|----------------------|-----------|---------------------|
| RMS Gain at Main Lobe | 8.0 (9.03 dB) | Beam Tilt | 1.00 Degrees |
| RMS Gain at Horizontal | 7.5 (8.75 dB) | Frequency | 659.00 MHz |
| Calculated / Measured | Calculated | Drawing # | 08L080100-90 |



Remarks: